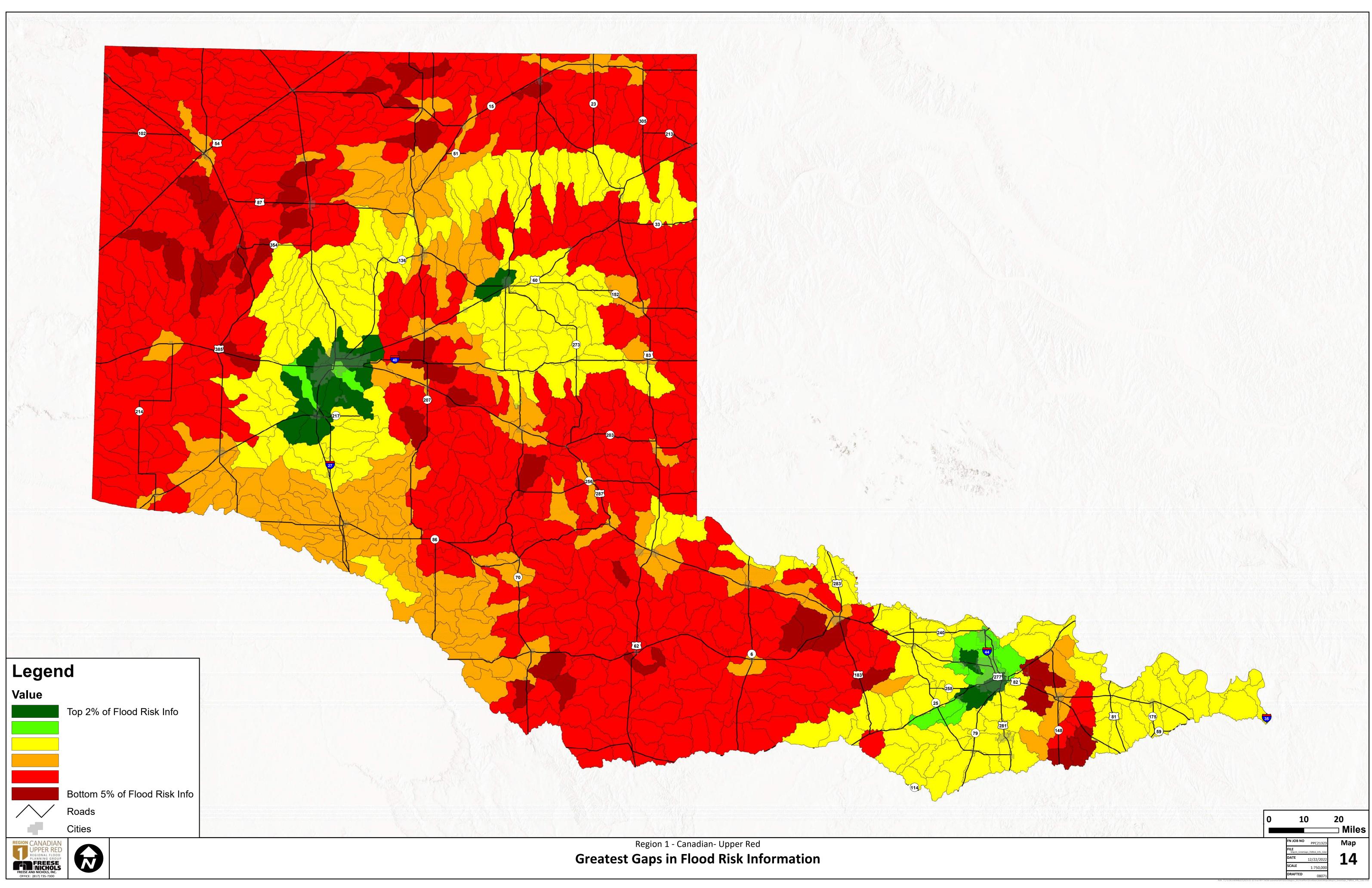
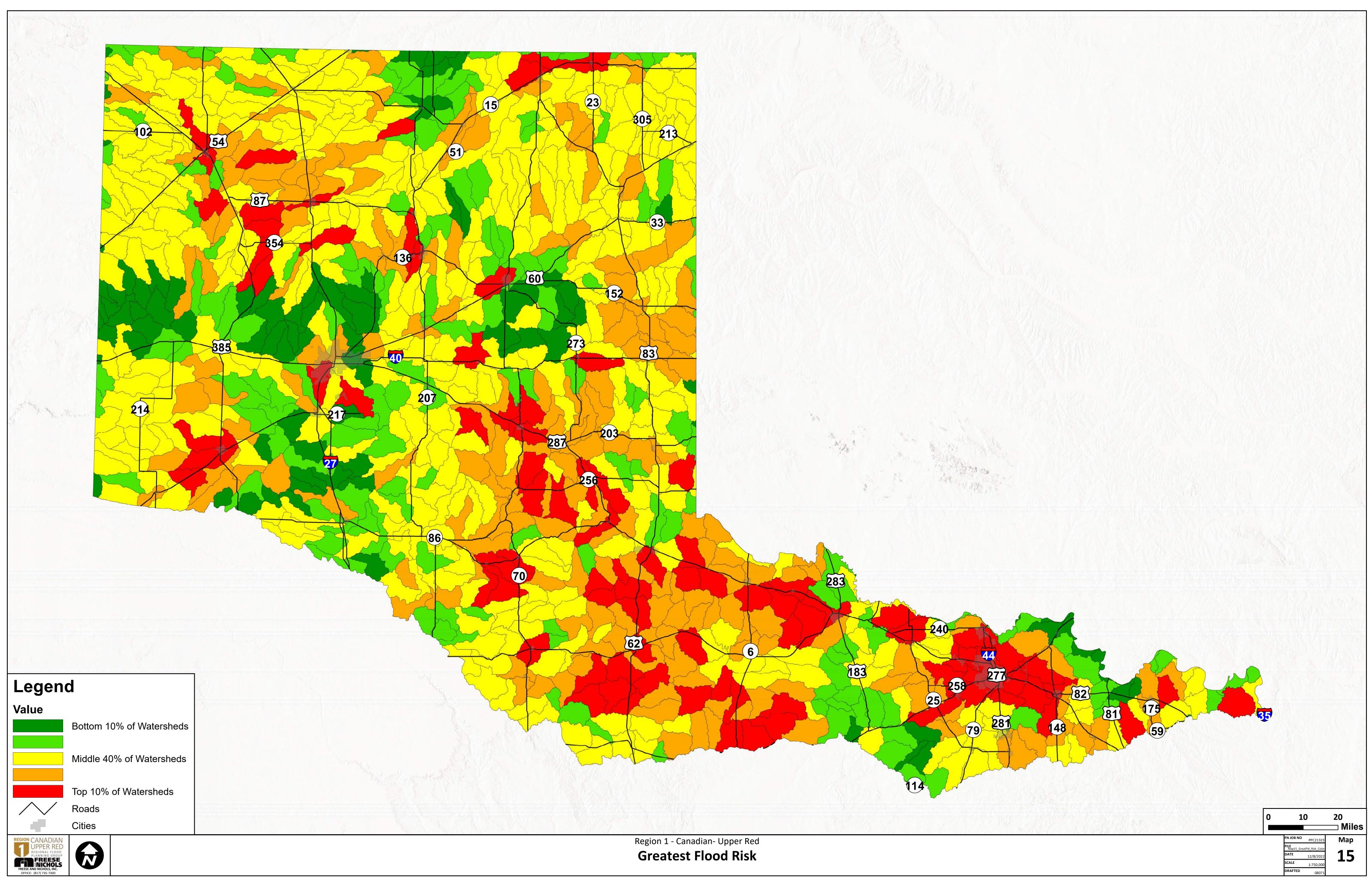
## Appendix D-1 | D-1.1

Map 14 – Greatest Gaps in Flood Risk Information



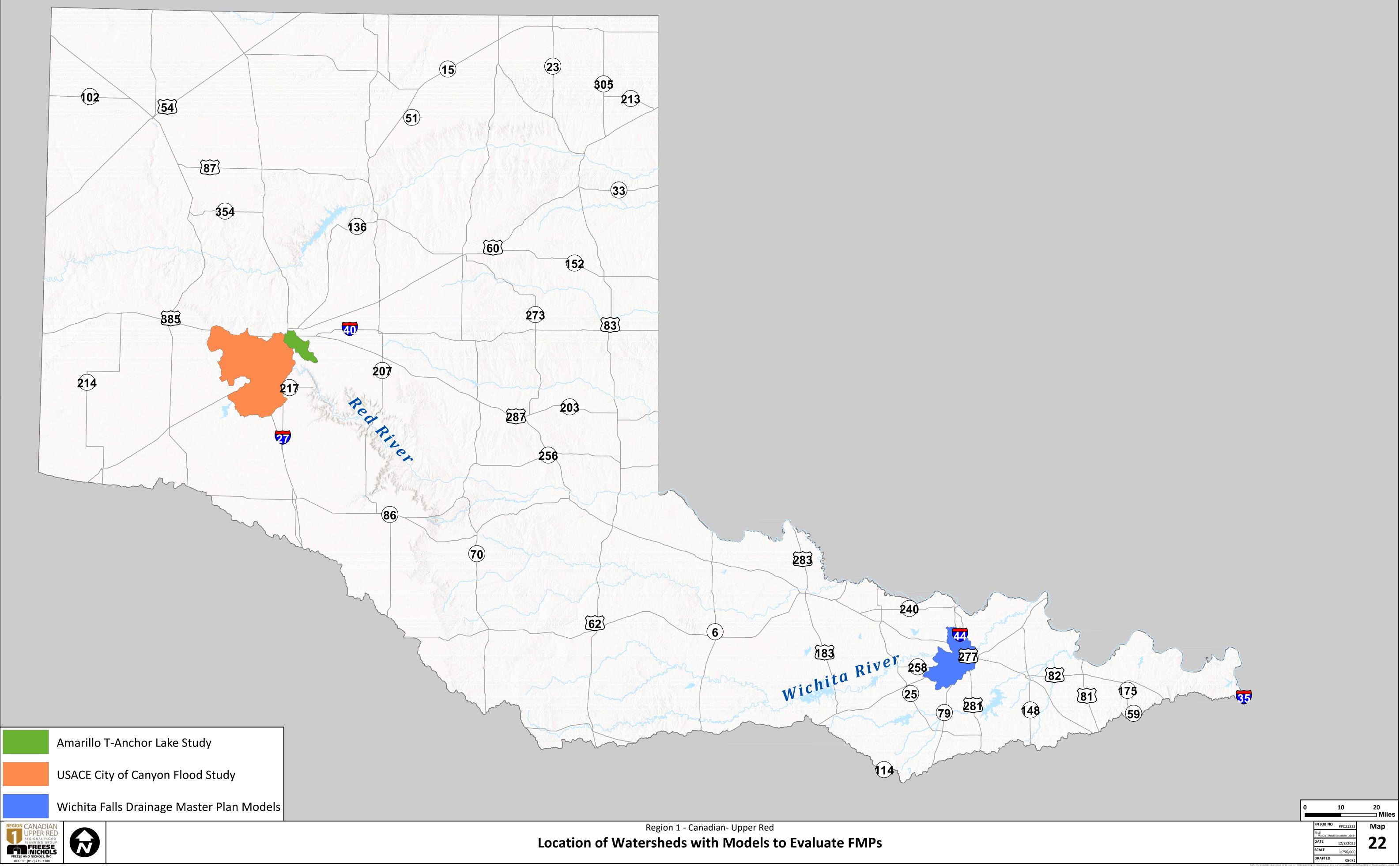
# Appendix D-1 | D-1.2

## Map 15 – Greatest Flood Risk



# Appendix D-1 | D-1.3

Map 22 – Model Coverage



## Appendix D-2 | D-2.1

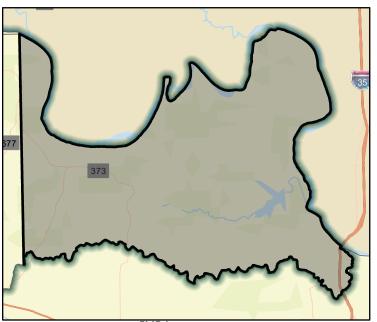
One Page Summaries – FME/FMP/FMS

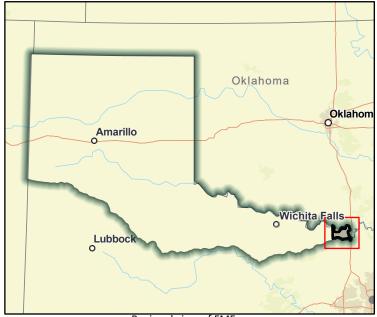
Title Cooke County FIS

Funding source -



ID# <mark>011000036</mark>									
Sponsor (name of	entity, not person	) <mark>Cooke (</mark>	County)						
RFPG recommend	? Yes	Reaso	on for Recommendation	Action alig	ns with go	oals and me	ets TWDB guidance		
Study Details									
Study type	Watershed Plann	ing							
Study description	Update flood insi	urance stu	udy for the county and de	evelop regulat	ory mapp	ing			
New Hydrologic or	Hydraulic model	Yes	Emergency N	leed? No		Existing	g/Anticipated mode	s in near tern	1? <mark>Yes</mark>
County Cooke			Watershed HUC	# (if known)	11130203	10508, 1113	02010701, 1113020	10702, 11130	)2010703,
Drainage area (Squ	uare miles, est.) <mark>1</mark>	77	Goal(s)	01000001, 01	1000002				
100-Year Flood	Risk Summary								
Population at risk	81		# of structures	54			Critical facilities 0		
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No		Playa?	No Other	? No	
Farm/Ranch land i	mpacted (acres)	20,721		Roadway(s	) impacte	ed (length)	8		
Number of low wa	ter crossings	13		Historical r	oad closu	ires	40		
Estimated Cost	and Funding A	vailabili	ty						
Total Cost	\$917,000	A	ount of Available Funding -			Federal funding availability No			





FME Area

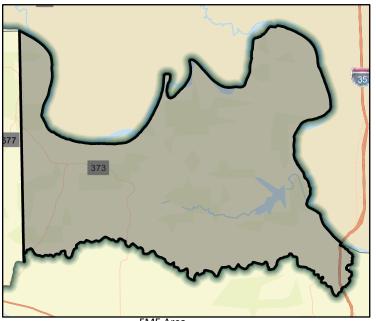
Title Cooke County Drainage Master Plan

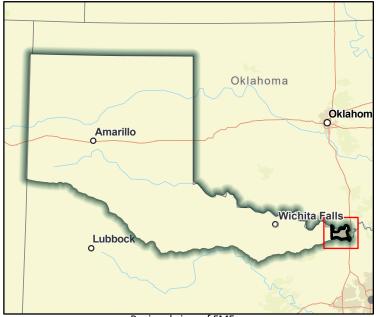
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ID# 011000043											
Sponsor (name of	entity, not perso	n) <mark>Cooke</mark>	(County)								
RFPG recommend	? Yes	Reas	son for Re	ecommendation	Action ali	gns with	goals and m	eets TWDB g	uidance		
Study Details											
Study type	Watershed Plan	ning									
Study description	Perform H&H m	odeling, c	develop c	onceptual alterna	atives and OF	PCC, and	rank project	s; selected b	ased on HI	MAPs	
New Hydrologic or	Hydraulic mode	l? <mark>Yes</mark>		Emergency N	leed? No		Existi	ng/Anticipate	ed models	in near tern	n? <mark>Yes</mark>
County Cooke				Watershed HUC	# (if known)	111302	2010508, 111	.302010701,	11130201	0702, 11130	)2010703,
Drainage area (Squ	uare miles, est.)	177		Goal(s)	01000001, 0	1000002	<mark>2, 01000005,</mark>	01000006			
100-Year Flood	Risk Summary	/									
Population at risk	81			# of structures	54			Critical faci	lities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coas	tal? <mark>No</mark>	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	20,721			Roadway(	s) impac	cted (length)	8			
Number of low wa	ter crossings	13			Historical	road clo	osures	40			
Estimated Cost	and Funding /	Availabil	ity								
Total Cost	\$500.000		Amount	of Available Fund	ing -		F	ederal fundiı	ng availabi	lity No	

Funding source -





FME Area

Title Montague County Drainage Master Plan

### ID# 011000044

Sponsor (name of entity, not person) Montague (County)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

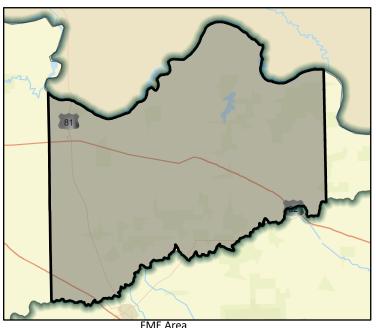
CANADIAN

REGIONAL FLOOD PLANNING GROUP

### **Study Details**

-									
Study type Watershed Planning									
Study description Perform H&H modeling, de	evelop conceptual alterna	atives and OPCC, and ra	nk projects	; selected bas	ed on HN	MAPs			
New Hydrologic or Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	l models	in near term	n? <mark>Yes</mark>		
County Montague	Watershed HUC	# (if known) <mark>-</mark>							
Drainage area (Square miles, est.) 529 Goal(s) 01000001, 01000002, 01000005, 01000006									
100-Year Flood Risk Summary	ll of characteristic	255		Critical facili	ing 0		1		
Population at risk 394	# of structures	255		Critical facili	nes <mark>0</mark>				
Flood risk type: Riverine? Yes	Coastal? No	Local? <mark>No</mark>	Playa?	No	Other?	No			
Farm/Ranch land impacted (acres) 49,721		Roadway(s) impacted (ler			37				
Number of low water crossings     53     Historical road closures     136									
<b>Estimated Cost and Funding Availabilit</b>	у								

Total Cost	\$500,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





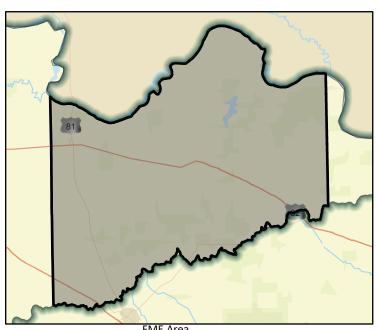
FME Area

Title Montague County FIS

Funding source -



ID# 011000037											
Sponsor (name of	entity, not persor	) <mark>Montag</mark>	ue (County)								
RFPG recommend	? Yes	Reaso	on for Recommendation	Action aligns wi	ith goals and me	eets TWDB gu	uidance				
Study Details											
Study type	Watershed Plann	ning									
Study description	Update flood ins	urance stu	idy for the county and de	velop regulatory m	napping						
New Hydrologic o	r Hydraulic model	? Yes	Emergency N	leed? No	Existin	ng/Anticipate	d models	in near term?	? Yes		
County Montagu	e		Watershed HUC	# (if known) -							
Drainage area (Squ		529		01000001, 010000	002						
100-Year Flood	Risk Summary										
Population at risk			# of structures	255		Critical facil	ities <mark>0</mark>				
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No			
Farm/Ranch land i	mpacted (acres)	49,721		Roadway(s) imp	acted (length)	37					
Number of low wa	ter crossings	53		Historical road o	closures	136					
Estimated Cost	and Funding A	vailabilit	Ŋ								
Total Cost	\$981,000	А	mount of Available Fund	ing -	Fe	ederal fundin	g availabil	lity <mark>No</mark>			



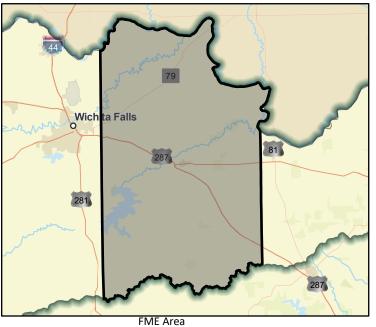


FME Area

Title Clay County Drainage Master Plan

## CANADIAN REGIONAL FLOOD PLANNING GROUP

ID# <mark>011000181</mark>										
Sponsor (name of	f entity, not perso	n) <mark>Clay (Co</mark>	ounty)							
RFPG recommend	d? <mark>Yes</mark>	Reaso	on for Recommendation	Action aligns wi	th goals and me	eets TWDB gu	idance			
Study Details										
Study type	Watershed Plan	ning								
Study description	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs									
New Hydrologic c	or Hydraulic mode	l? <mark>Yes</mark>	Emergency N	eed? No	Existin	g/Anticipated	l models i	in near term	? Yes	
County Clay			Watershed HUC#	t (if known)						
Drainage area (So	uare miles, est.)	985	Goal(s)	<mark>01000001, 010000</mark>	02, 01000005,	01000006				
100-Year Flood	Risk Summar	/								
Population at risk	315		# of structures	128		Critical facili	ties <mark>0</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No		
Farm/Ranch land	impacted (acres)	94,918		Roadway(s) imp	acted (length)	64				
Number of low w	ater crossings	64		Historical road c	closures	122				
Estimated Cos	t and Funding /	Availabilit	ξγ							
Total Cost	\$500,000	A	mount of Available Fundi	ng <mark>-</mark>	Federal funding availability No					
Funding source	-									





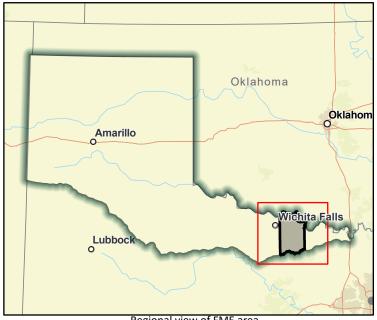
### Title Clay County FIS

Funding source -



ID# <mark>011000002</mark>										
Sponsor (name of	entity, not person)	Clay (Co	ounty)							
RFPG recommend	? Yes	Reaso	on for Recommendation	Action aligns w	ith goals and me	ets TWDB guidance				
Study Details										
Study type	Watershed Planni	ng								
Study description	dy description Perform flood insurance study for the county and develop regulatory mapping									
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes										
County Clay			Watershed HUC#	ŧ (if known)    -						
Drainage area (Squ	uare miles, est.) <mark>98</mark>	35	Goal(s)	01000001, 010000	002					
100-Year Flood	Risk Summary									
Population at risk	315		# of structures	128		Critical facilities 0				
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	No Other?	No			
Farm/Ranch land i	mpacted (acres) <mark>9</mark>	4,918		Roadway(s) imp	oacted (length)	64				
Number of low wa	ter crossings 6	4		Historical road	closures	122				
Estimated Cost	and Funding A	vailabilit	Ŋ							
Total Cost	\$1,169,000	Α	mount of Available Fundi	ing <mark>-</mark>	Federal funding availability No					





Title	Floyd	County	FIS
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ID# <mark>011000006</mark>												
Sponsor (name of	entity, not perso	n) <mark>Floyd (</mark>	(County)									
RFPG recommend	? Yes	Rea	son for R	ecommendation	Action aligns w	ith goals	and me	ets TWDB	guidance			
Study Details												
Study type	Watershed Plan	ning										
Study description	Perform flood in	Perform flood insurance study for the county and develop regulatory mapping Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes										
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>		Emergency I	Need? No		Existin	g/Anticipat	ed models	in near term?	Yes	
County Floyd				Watershed HUC	# (if known) -							
Drainage area (Sq	uare miles, est.)	584		Goal(s)	01000001, 01000	002						
100-Year Flood	Risk Summar	/										
Population at risk	22			# of structures	35			Critical fac	ilities <mark>0</mark>			
Flood risk type:	Riverine? Yes		Coa	stal? <mark>No</mark>	Local? No		Playa?	Yes	Other?	No		
Farm/Ranch land impacted (acres) 26,595 Roadway(s) impacted (ler							ength)	77				
Number of low wa	ater crossings	10			Historical road	d closures 37						
Estimated Cost	and Funding	Availabil	lity									
Total Cost \$1.115.000 Amount of Available Funding -							Fe	ederal fundi	ng availabil	ity No		

Funding source

-





Title Floyd County Drainage Master Plan

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

#### ID# 011000045

Sponsor (name of entity, not person) Floyd (County)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type W	atershed Planr	ning									
	tributaries, and functioning floodplains										
New Hydrologic or Hy	ydraulic model	? Yes	Emergency N	leed? No	Existin	g/Anticipated	models	in near term	No		
ounty Floyd Watershed HUC# (if known) -											
Drainage area (Square miles, est.) 584 Goal(s) 01000001, 01000002, 01000005, 01000006											
100-Year Flood Ris	sk Summary	1									
Population at risk 22	2		# of structures	35		Critical facilit	ies <mark>0</mark>				
Flood risk type: R	Riverine? Yes	Coa	stal? <mark>No</mark>	Local? <mark>No</mark>	Playa?	Yes	Other?	No			
Farm/Ranch land imp	pacted (acres)	26,595		Roadway(s) impacted	d (length)	77					
Number of low water	r crossings	10		Historical road closu	res	37					
Estimated Cost on	ad Eurodian A	ب طنا الما ما المر									

#### **Estimated Cost and Funding Availability**

Total Cost	\$500,000	Amount of Available Funding -	Federal funding availability	No
Funding source	-			



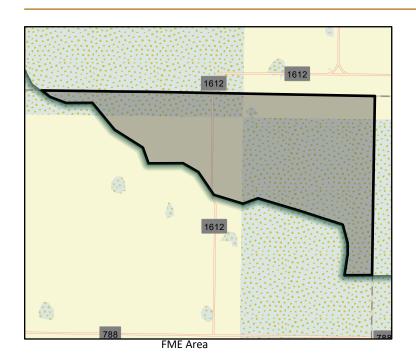


### Title Hale County FIS



ID# <mark>011000039</mark>										
Sponsor (name of	entity, not person)	Hale (Cou	unty)							
RFPG recommend	? Yes	Reasor	for Recommendation	Action aligr	ាs with ផ្ល	goals and m	eets TWDB gu	idance		
Study Details										
Study type	Watershed Plannin	ng								
Study description	Update flood insu	rance stuc	ly for the county and de	velop regulato	ory map	ping				
New Hydrologic or	Hydraulic model?	Yes	Emergency N	leed? No		Existir	ng/Anticipated	d models	in near term	? Yes
County Hale			Watershed HUC#	# (if known)	1112010	040602 <i>,</i> 111	301030202			
Drainage area (Squ	uare miles, est.) <mark>7</mark>		Goal(s)	01000001, 01	000002					
100-Year Flood	Risk Summary									
Population at risk	0		# of structures	0			Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres) 22	29		Roadway(s)	impact	ed (length)	2			
Number of low wa	ter crossings 0			Historical ro	oad clos	sures	0			
Estimated Cost	and Funding Av	ailability	1							
Total Cost	\$1,076,000	An	nount of Available Fund	ding -			Federal funding availability No			

Funding source -



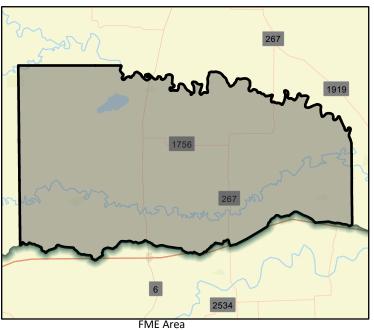


Title Knox County FIS

Funding source -



ID# 011000009									
Sponsor (name of	entity, not person)	Knox (Co	ounty)						
RFPG recommend	? Yes	Reaso	n for Recommendation	Action align	s with go	oals and me	ets TWDB guidand	e	
Study Details									
Study type	Watershed Plannin	ng							
Study description	Perform flood insu	irance stu	udy for the county and de	evelop regulato	ory mapp	oing			
New Hydrologic o	r Hydraulic model?	Yes	Emergency N	eed? <mark>No</mark>		Existing	g/Anticipated moc	els in near teri	m? <mark>No</mark>
County <mark>Knox</mark>			Watershed HUC#	ŧ (if known) <mark>1</mark>	1130204	40206, 1113	02040301, 11130	2040302, 1113	02040303,
Drainage area (Sq	uare miles, est.) 42	1	Goal(s)	01000001, 010	00002				
100-Year Flood	<b>Risk Summary</b>								
Population at risk	3		# of structures	7			Critical facilities 0		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes Oth	er? <mark>No</mark>	
Farm/Ranch land i	impacted (acres) 42	2,191		Roadway(s)	impacted	d (length)	5		
Number of low wa	ater crossings 0			Historical ro	ad closu	res	0		
Estimated Cost	and Funding Av	ailabilit	y						
Total Cost	\$873,000	A	mount of Available Fundi	ing <mark>-</mark>		Fe	deral funding avai	ability <mark>No</mark>	



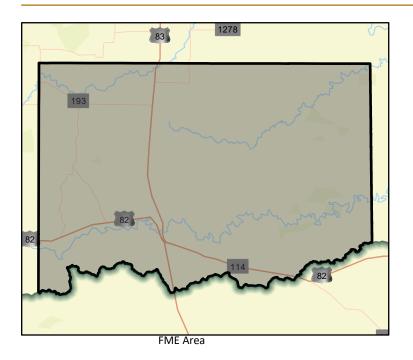


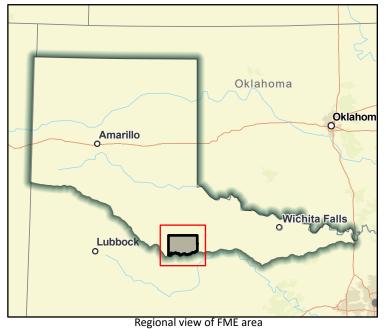
Title King County FIS



ID# <mark>011000010</mark>												
Sponsor (name of	entity, not perso	n) <mark>King (Co</mark>	ounty)									
RFPG recommend	? <mark>Yes</mark>	Reaso	on for Re	commendation	Action alig	gns wit	th goals	and me	ets TWDE	B guidance		
									_			
Study Details												
Study type	Watershed Plan	ning										
Study description	Perform flood ir	surance st	udy for t	the county and c	develop regula	atory m	napping					
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>		Emergency I	Need? No			Existin	g/Anticipa	ated models	in near tern	n? <mark>No</mark>
County King				Watershed HUC	# (if known)	11130	0204010	02, 1113	30204010	3 <i>,</i> 11130204	0104, 1113	02040108,
Drainage area (Sq	uare miles, est.)	576		Goal(s)	<mark>01000001, 0</mark>	10000	02					
100-Year Flood	Risk Summary	/										
Population at risk	7			# of structures	10				Critical fa	cilities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coast	tal? <mark>No</mark>	Local? No			Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	46,810			Roadway(	s) impa	acted (le	ength)	11			
Number of low wa	ter crossings	1			Historical	road cl	losures		1			
Estimated Cost	and Funding A	Availabilit	ÿ									
Total Cost	\$955.000	А	mount	of Available Fund	ling -			Fe	deral fund	ding availabil	lity No	

Funding source -



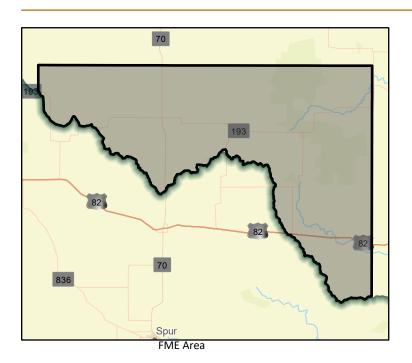


Title Dickens County FIS



ID# <mark>011000011</mark>									
Sponsor (name of	entity, not perso	ר) <mark>Dickens (מ</mark>	County)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	ith goals and me	ets TWDB	guidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood ir	surance stud	ly for the county and d	evelop regulatory i	mapping				
New Hydrologic or	Hydraulic mode	? Yes	Emergency N	leed? No	Existin	g/Anticipa	ted models i	in near tern	ו? <mark>No</mark>
County Dickens			Watershed HUC#	# (if known) 1113	301040202, 1113	301040203	, 11130104	0206, 11130	)1040207,
Drainage area (Squ	are miles, est.)	331	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summary	,							
Population at risk	13		# of structures	14		Critical fac	cilities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land in	mpacted (acres)	23,267		Roadway(s) imp	oacted (length)	15			
Number of low wa	ter crossings	1		Historical road o	closures	1			
Estimated Cost	and Funding /								

Total Cost	\$920,000	Amount of Available Funding	Federal funding availability No
Funding source	-		





Title Dickens County Drainage Master Plan

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

#### ID# 011000047

Sponsor (name of entity, not person) Dickens (County)

RFPG recommend? Yes

Reason for Recommendation

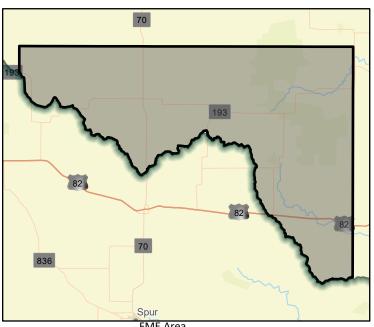
Action aligns with goals and meets TWDB guidance

#### **Study Details**

atershed Planning										
Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rive tributaries, and functioning floodplains										
/draulic model? Yes	Emergency N	Need? No	Existin	g/Anticipated	models	in near term	? No			
	Watershed HUC	# (if known) 1113010	40202, 1113	301040203 <i>,</i> 1	1130104	0206 <i>,</i> 11130	1040207,			
e miles, est.) 331	Goal(s)	Goal(s) 01000001, 01000002, 01000005, 01000006								
sk Summary										
ł	# of structures	14		Critical facilit	ties <mark>0</mark>					
iverine? <mark>Yes</mark>	Coastal? No	Local? No	Playa?	Yes	Other?	No				
acted (acres) 23,267		Roadway(s) impacte	d (length)	15						
crossings 1		Historical road closu	ires	1						
	rform H&H modeling, c butaries, and functionin rdraulic model? Yes e miles, est.) 331 <b>:k Summary</b> iverine? Yes acted (acres) 23,267	rform H&H modeling, develop conceptual altern butaries, and functioning floodplains rdraulic model? Yes Emergency N Watershed HUC e miles, est.) 331 Goal(s) <b>Sk Summary</b> # of structures iverine? Yes Coastal? No acted (acres) 23,267	rform H&H modeling, develop conceptual alternatives and OPCC, and rabutaries, and functioning floodplains  rdraulic model? Yes Emergency Need? No Watershed HUC# (if known) 1113010 Watershed HUC# (if known) 1113010 Goal(s) 01000001, 01000002, <b>K Summary</b> # of structures 14 iverine? Yes Coastal? No Local? No Roadway(s) impacted	rform H&H modeling, develop conceptual alternatives and OPCC, and rank projects butaries, and functioning floodplains  rdraulic model? Yes Emergency Need? No Existin Watershed HUC# (if known) 111301040202, 1113 e miles, est.) 331 Goal(s) 0100001, 01000002, 01000005, <b>K Summary</b> # of structures 14 iverine? Yes Coastal? No Local? No Playa? acted (acres) 23,267 Roadway(s) impacted (length)	rform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey response butaries, and functioning floodplains rdraulic model? Yes Emergency Need? No Existing/Anticipated Watershed HUC# (if known) 111301040202, 111301040203, 1 Goal(s) 01000001, 01000002, 01000005, 01000006 <b>K Summary</b> # of structures 14 Critical facilities iverine? Yes Coastal? No Local? No Playa? Yes acted (acres) 23,267 Roadway(s) impacted (length) 15	rform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses rep butaries, and functioning floodplains rdraulic model? Yes Emergency Need? No Existing/Anticipated models Watershed HUC# (if known) 111301040202, 111301040203, 11130104 e miles, est.) 331 Goal(s) 01000001, 01000002, 01000005, 01000006 <b>K Summary</b> # of structures 14 Critical facilities 0 iverine? Yes Coastal? No Local? No Playa? Yes Other? acted (acres) 23,267 Roadway(s) impacted (length) 15	rform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues we butaries, and functioning floodplains rdraulic model? Yes Emergency Need? No Existing/Anticipated models in near term Watershed HUC# (if known) 111301040202, 111301040203, 111301040206, 11130 e miles, est.) 331 Goal(s) 01000001, 01000002, 01000005, 01000006 <b>sk Summary</b> # of structures 14 Critical facilities 0 iverine? Yes Coastal? No Local? No Playa? Yes Other? No acted (acres) 23,267 Roadway(s) impacted (length) 15			

### **Estimated Cost and Funding Availability**

Total Cost	\$500,000	Amount of Available Funding	Federal funding availability No
Funding source	-		





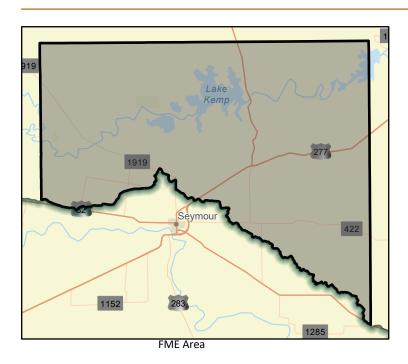
FME Area

Title Baylor County Drainage Master Plan



ID# <mark>011000182</mark>									
Sponsor (name of	entity, not perso	n) Baylor (Co	ounty)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wit	th goals and me	ets TWDB gu	idance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform H&H m	odeling, dev	elop conceptual alterna	atives and OPCC, an	d rank projects	; selected bas	sed on HN	MAPs	
New Hydrologic or	Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipated	d models i	in near term	I? No
County Baylor			Watershed HUC#	ŧ (if known)    -					
Drainage area (Squ	are miles, est.)	506	Goal(s)	01000001, 010000	<mark>02, 01000005, (</mark>	01000006			
100-Year Flood	Risk Summary	/							
Population at risk	21		# of structures	64		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	45,084		Roadway(s) impa	acted (length)	4			
Number of low wa	ter crossings	0		Historical road c	losures	0			
Estimated Cost	and Funding /	Availability							

Total Cost	\$500,000	Amount of Available Funding -	Federal funding availability No
Funding source	-		



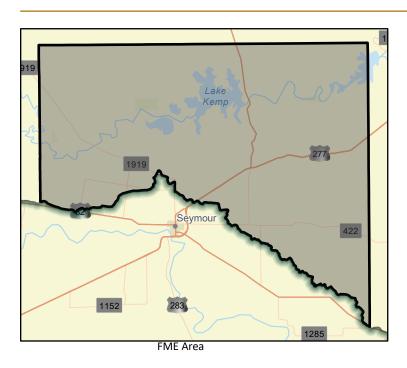


Title Baylor County FIS



ID# 011000012									
Sponsor (name of	entity, not person	) Baylor (Co	ounty)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	ith goals and me	ets TWDB gu	idance		
						_			
Study Details									
Study type	Watershed Plann	ing							
Study description	Perform flood ins	urance stuc	ly for the county and d	evelop regulatory r	mapping				
New Hydrologic or	Hydraulic model	Yes	Emergency N		Existin	g/Anticipated	d models i	in near term	? No
County Baylor			Watershed HUC	# (if known) <mark>-</mark>					
Drainage area (Squ	are miles, est.) <mark>5</mark>	06	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summary								
Population at risk	21		# of structures	64		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	15,084		Roadway(s) imp	oacted (length)	4			
Number of low wa	ter crossings	)		Historical road o	closures	0			
Estimated Cost	and Funding A	vailability							

Total Cost	\$912,000	Amount of Available Funding	Federal funding availability	No
Funding source	-			





Title Archer County Drainage Master Plan

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

### ID# 011000048

Sponsor (name of entity, not person) Archer (County)

RFPG recommend? Yes

Reason for Recommendation

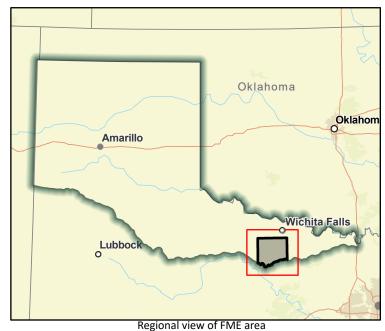
Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type	Watershed Plan	ning										
	tributaries, and functioning floodplains											
New Hydrologic or	Hydraulic model	? Yes	Emergency N	leed? No	Existin	g/Anticipated	models i	in near term	? Yes			
County Archer			Watershed HUC	# (if known)     -								
Drainage area (Squa	are miles, est.)	788	Goal(s)	01000001, 01000002, 0	)1000005, (	01000006						
100-Year Flood F	Risk Summary	,										
Population at risk	262		# of structures	188		Critical facilit	ies <mark>0</mark>					
Flood risk type:	Riverine? Yes	Co	oastal? <mark>No</mark>	Local? <mark>No</mark>	Playa?	Yes	Other?	No				
Farm/Ranch land in	npacted (acres)	77,040		Roadway(s) impacted	d (length)	37						
Number of low wat	er crossings	76		Historical road closur	res	153						
Estimated Cost a	and Funding A	vailability										

Total Cost	\$500,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				



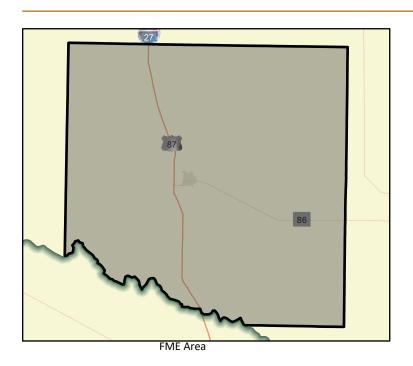


Title Swisher County FIS

Funding source -



ID# 011000023									
Sponsor (name of	entity, not perso	n) <mark>Swishe</mark>	er (County)						
RFPG recommend	? <mark>Yes</mark>	Rea	son for Recommendation	Action aligns wi	ith goals and me	ets TWDB gui	dance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood in	surance	study for the county and d	evelop regulatory r	mapping				
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipated	models	in near term?	Yes
County <mark>Swisher</mark>			Watershed HUC	# (if known) <mark>-</mark>					
Drainage area (Sq	uare miles, est.)	828	Goal(s)	01000001, 010000	002				
100-Year Flood	<b>Risk Summary</b>	/							
Population at risk	54		# of structures	57		Critical faciliti	es <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	40,121		Roadway(s) imp	acted (length)	204			
Number of low wa	ater crossings	11		Historical road o	closures	15			
Estimated Cost	and Funding /	Availabi	lity						
Total Cost	\$929,000		Amount of Available Fund	ing -	Fe	ederal funding	availabi	lity <mark>No</mark>	





Title Swisher County Drainage Master Plan



### ID# 011000056

Sponsor (name of entity, not person) Swisher (County)

RFPG recommend? Yes

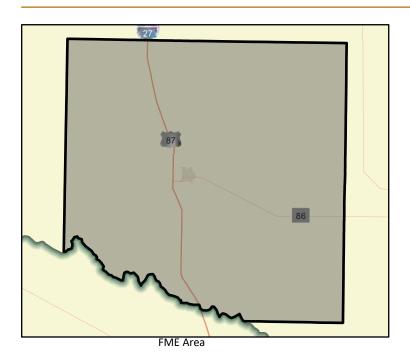
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type	Watershed Plan	ning								
		-	p conceptual altern dplains and playa la		and OPCC, and ra	nk projects	; survey respo	onses rep	ort issues wi	th rivers, creeks,
New Hydrologic or	Hydraulic mode	I? Yes	Emergency N	leed?	No	Existin	g/Anticipated	l models i	in near term	? No
County <mark>Swisher</mark>			Watershed HUC	# (if kr	iown) -					
Drainage area (Squ	are miles, est.)	828	Goal(s)	01000	0001, 01000002, 0	)1000005, (	01000006			
100-Year Flood I	Risk Summary	/								
Population at risk	54		# of structures	57			Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes	Cc	oastal? <mark>No</mark>	Loca	II? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land ir	npacted (acres)	40,121		Roa	adway(s) impacted	d (length)	204			
Number of low wat	ter crossings	11		His	torical road closu	res	15			
Estimated Cost	and Funding /	Availability								

Total Cost	\$500,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				



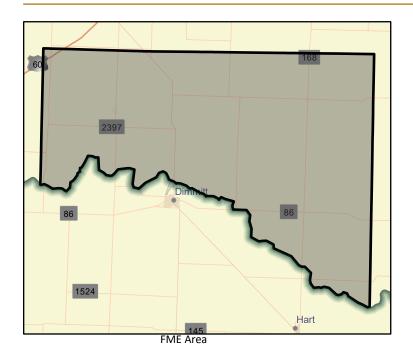


### Title Castro County FIS



ID# 011000024												
Sponsor (name of	entity, not perso	n) <mark>Castro</mark>	(County	)								
RFPG recommend	? Yes	Rea	son for R	ecommendation	Action ali	gns wit	h goals:	and me	ets TWDB gu	uidance		
									_			
Study Details												
Study type	Watershed Plan	ning										
Study description	Perform flood in	surance	study for	the county and c	levelop regula	atory m	napping	3				
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>		Emergency I	Need? No			Existin	g/Anticipate	d models i	in near tern	n? <mark>No</mark>
County Castro				Watershed HUC	# (if known)	11120	010104	06, 1112	201010407, 1	11120101	0505, 11120	)1040101,
Drainage area (Sq	uare miles, est.)	447		Goal(s)	<mark>01000001, 0</mark>	10000	02					
100-Year Flood	Risk Summary	/										
Population at risk	29			# of structures	44				Critical facili	ities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coa	stal? <mark>No</mark>	Local? No			Playa?	Yes	Other?	No	
Farm/Ranch land	impacted (acres)	19,990			Roadway(	(s) impa	acted (I	ength)	74			
Number of low wa	ater crossings	8			Historical	road cl	losures		53			
Estimated Cost	and Funding A	vailabi	lity									
Total Cost	\$873,000		Amount	of Available Fund	ling -			Fe	deral fundin	g availabil	ity <mark>No</mark>	





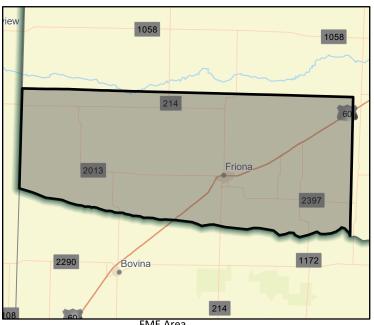


Title Parmer County FIS



ID# 011000025									
Sponsor (name of	entity, not perso	n) <mark>Parme</mark>	er (County)						
RFPG recommend	? Yes	Rea	son for Recommendation	Action aligns w	vith goals and me	eets TWDB g	uidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood in	nsurance	study for the county and de	evelop regulatory	mapping				
New Hydrologic o	r Hydraulic mode	l? Yes	Emergency N	leed? No	Existin	g/Anticipate	d models	in near term	1? Yes
County Parmer			Watershed HUC#	# (if known) 111	201010201, 111	201010204,	11120101	0307, 11120	)1010401,
Drainage area (Sq	uare miles, est.)	331	Goal(s)	01000001, 01000	002				
100-Year Flood	<b>Risk Summar</b>	/							
Population at risk	178		# of structures	86		Critical facil	ities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	impacted (acres)	13,564		Roadway(s) im	pacted (length)	66			
Number of low wa	ater crossings	5		Historical road	closures	11			
Estimated Cost	and Funding	Availabi	lity						
Total Cost	¢780.000		Amount of Available Fundi	ing	F	adaral fundin	a availabi		

Total Cost Amount of Available Funding Federal funding availability No *\$789,000* Funding source -





FME Area

Title Region-Wide Dam Safety



### ID# 011000114

 Sponsor (name of entity, not person)
 Panhandle Regional Planning Commission

 RFPG recommend?
 Yes

 Reason for Recommendation
 Action

Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type Other							
Study description Coordinate region-wide inve	estigation into current c	lam safety status; select	ed based o	n stakeholdei	r feedbac	k	
New Hydrologic or Hydraulic model? No	Emergency N	Need? No	Existin	g/Anticipated	d models i	in near term	n? No
County -	Watershed HUC	# (if known)    -					
Drainage area (Square miles, est.) 34,626	Goal(s)	01000007, 01000008					
100-Year Flood Risk Summary							
Population at risk 41,795	# of structures	11,544		Critical facili	ties <mark>160</mark>		
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) 2,425,094		Roadway(s) impacte	d (length)	2,299			
Number of low water crossings 791		Historical road closu	res	1,250			

### **Estimated Cost and Funding Availability**

Total Cost	\$1,718,000	Amount of Available Funding	Federal funding availability No
Funding source	-		





Reason for Recommendation

Sponsor (name of entity, not person) Farmers Creek Watershed Authority

Title Farmers Creek Watershed Authority Dam Evaluation



Action aligns with goals and meets TWDB guidance

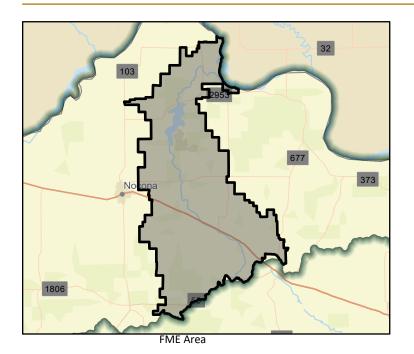
### 

RFPG recommend? Yes

ID# 011000115

Study type	Other							
Study descriptior	n Investigate surv	ey responses	of deficient or non-fun	ctioning flood protect	tion dams			
New Hydrologic o	or Hydraulic mode	I? Yes	Emergency N	eed? <mark>No</mark>	Existin	g/Anticipated	models in near term	? Yes
County Montage	ue		Watershed HUC#	(if known) 111302	010209, 1113	302010502, 1	11302010504, 11130	2010505,
Drainage area (So	quare miles, est.)	121	Goal(s)	01000007, 01000008				
100-Year Flood	l Risk Summar	/						
Population at risk	202		# of structures	107		Critical facilit	ioc 0	
	303		# Of Structures	197			les 0	
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?		Other? No	
Flood risk type:		9,502						
Flood risk type:	Riverine? Yes impacted (acres)	9,502 14		Local? No	ed (length)	No		
Flood risk type: Farm/Ranch land Number of low w	Riverine? Yes impacted (acres)	14	Coastal? No	Local? <mark>No</mark> Roadway(s) impact	ed (length)	No 8		

Funding source -





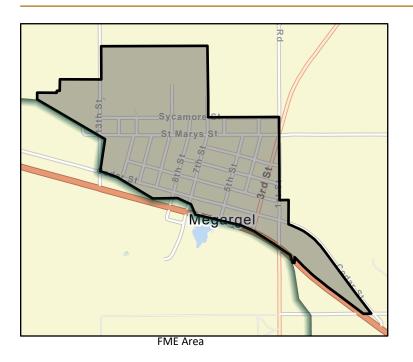
Title Megargel City Drainage Master Plan

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

ID# 011000092									
Sponsor (name of	entity, not person)	Megargel	(Municipality)						
RFPG recommend	I? Yes	Reason	for Recommendation	Action aligns wi	th goals and m	eets TWDB g	guidance		
Study Details									
Study type	Watershed Planni	ng							
Study description	Perform H&H mod	deling, dev	elop conceptual alterna	atives and OPCC, ar	nd rank project	s; selected b	ased on HN	MAPs	
New Hydrologic o	r Hydraulic model?	Yes	Emergency N	leed? No	Existi	ng/Anticipat	ed models i	in near term	Yes
County Archer			Watershed HUC#	# (if known) 1113	02090105				
Drainage area (Sq	uare miles, est.) <mark>0</mark>		Goal(s)	<mark>01000001, 010000</mark>	02, 01000005,	01000006			
100-Year Flood	Risk Summary								
Population at risk	0		# of structures	0		Critical fac	ilities <mark>0</mark>		
Flood risk type:	Riverine? No		Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land	impacted (acres) <mark>0</mark>			Roadway(s) imp	acted (length)	0			
Number of low wa	ater crossings 0			Historical road c	losures	0			
Estimated Cost	t and Funding Av	ailability	,						
Total Cost	\$250.000	Am	ount of Available Fund	ing -	F	ederal fundi	ng availabil	lity No	

 Iotal Cost
 \$250,000
 Amount of Available Funding Federal funding

 Funding source



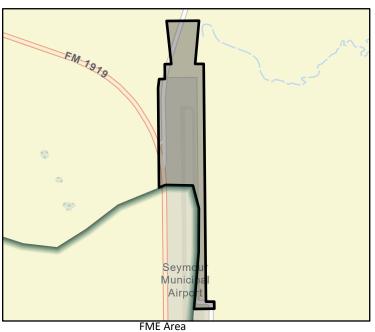


Title Seymour City Drainage Master Plan

### CANADIAN REGIONAL FLOOD PLANNING GROUP

ID# <mark>011000085</mark>									
Sponsor (name of	entity, not perso	n) <mark>Seymour</mark>	(Municipality)						
RFPG recommend	? <mark>Yes</mark>	Reason	for Recommendation	Action aligns wit	th goals and me	ets TWDB gu	uidance		
Study Details									
Study type	Watershed Plan	ning							
Study description		0,	elop conceptual alterna butaries, and functionir	•					es reporting
New Hydrologic or	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>	Existin	g/Anticipate	d models i	n near term	? No
County Baylor			Watershed HUC#	# (if known) 1113	02060104, 1113	302060106			
Drainage area (Squ	uare miles, est.)	0	Goal(s)	01000001, 010000	02,01000005,0	01000006			
100-Year Flood		/							
Population at risk	0		# of structures	0		Critical facili	ities <mark>0</mark>		
Flood risk type:	Riverine? No		Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	0		Roadway(s) impa	acted (length)	0			
Number of low wa	iter crossings	0		Historical road c	losures	0			
Estimated Cost	and Funding	Availability							

Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





Title City of Seymour GIS Development

### CANADIAN REGIONAL FLOOD PLANNING GROUP

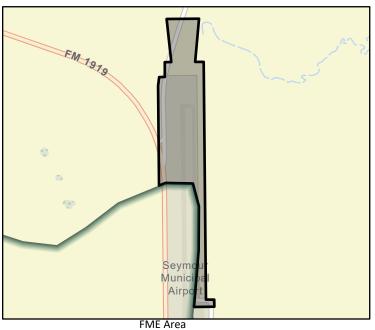
ID# 011000108					
Sponsor (name of	entity, not person)	Seymour (Municipality)			
RFPG recommend	? Yes	Reason for Recommendation	Action aligns with	goals and meets TW	DB guidance
Study Details					
Study type	Other				
			<b>a</b>		
Study description	Develop GIS inven city is within the r	ntory and condition assessment for region	flood infrastructure	e; selected based on s	survey respons
	city is within the i	CSIOII.			
	city is within the i				

New Hydrologic or Hydraulic model? No	Emergency Need? No	Existing/Anticipated models in near term? No
County Baylor	Watershed HUC# (if known)	111302060104, 111302060106
Drainage area (Square miles, est.) 0	Goal(s) 01000001, 01	1000002

Population at risk       0       # of structures       0       Critical facilities       0         Flood risk type:       Riverine?       No       Coastal?       No       Playa?       No       Other?       No         Farm/Ranch land impacted (acres)       0       Image: Critical facilities       0       Image: Critical facilities       No       Other?       No         Number of low water crossings       0       Image: Critical facilities       0       Image: Critical facilities       Image: Critical facilities       Image: Critical facilities       No       No       No       No       No       No       No       No       No       Image: Critical facilities       No       No <td< th=""><th>100-Year Flood Risk Summary</th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	100-Year Flood Risk Summary							
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0	Population at risk 0	# of structures	# of structures 0			Critical facilities <mark>0</mark>		
	Flood risk type: Riverine? No	Coastal? No	Local? No	Playa?	No	Other?	No	
Number of low water crossings         0         Historical road closures         0	Farm/Ranch land impacted (acres) 0		Roadway(s) impacted	d (length)	0			
	Number of low water crossings 0		Historical road closu	res	0			

### **Estimated Cost and Funding Availability**

Total Cost	\$50,000	Amount of Available Funding -	Federal funding availability No
Funding source	-		





Title Wichita County FIS

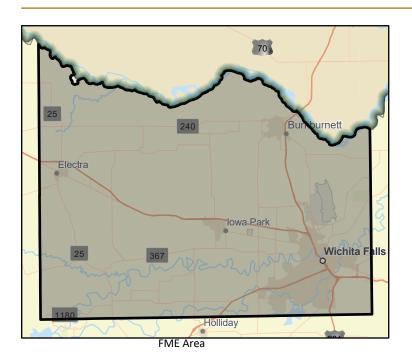
ID# 011000038



Sponsor (name of	entity, not perso	n) <mark>Wichita ((</mark>	County)							
RFPG recommend	? Yes	Reason	for Recommendation	n Action aligns with goals and meets TWDB guidance						
Study Details										
Study type	Watershed Plan	ning								
Study description	Update flood in	surance stud	y for the county and de	evelop regulatory ma	ipping					
New Hydrologic o	r Hydraulic mode		Emergency N	leed? No	Existin	g/Anticina	ated models	in near term	2 Vec	
County Wichita		1: 1:5	Watershed HUC							
Drainage area (Sq	uare miles, est.)	617	Goal(s)	01000001, 0100000	)2					
100-Year Flood	Risk Summar	y								
Population at risk	15,949		# of structures	3,986		Critical fa	cilities 72			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land impacted (acres) 49,700				cted (length)	n) 193					
Number of low water crossings 170				Historical road closures			267			
Estimated Cost	and Funding	Availability								
Tabal Cast					-					

 Total Cost
 \$643,000
 Amount of Available Funding
 Federal funding availability
 No

 Funding source





Title Wichita County Drainage Master Plan

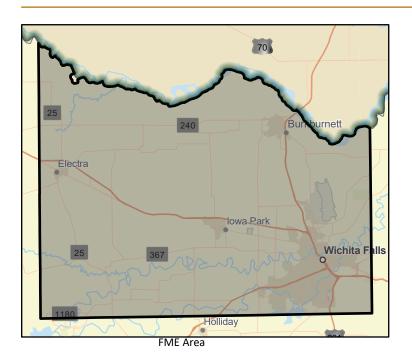
ID# 011000189

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

#### Sponsor (name of entity, not person) Wichita (County) RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Study Details** Study type Watershed Planning Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on stakeholder feedback. New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes County Wichita Watershed HUC# (if known) Drainage area (Square miles, est.) 617 Goal(s) 01000001, 01000002, 01000005, 01000006 **100-Year Flood Risk Summary** Population at risk 15,949 # of structures 3,986 Critical facilities 72 Playa? Yes Flood risk type: Riverine? Yes Coastal? No Local? No Other? No Farm/Ranch land impacted (acres) 49,700 Roadway(s) impacted (length) 193 Number of low water crossings 170 Historical road closures 267 **Estimated Cost and Funding Availability**

 Total Cost
 \$500,000
 Amount of Available Funding
 Federal funding availability
 No

 Funding source





Regional view of FME area

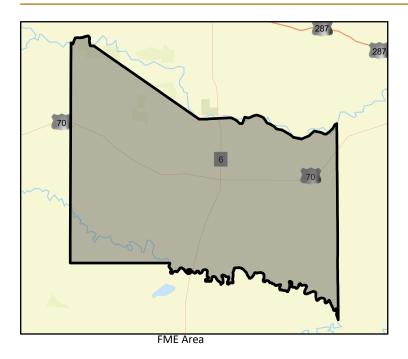
Title Foard County FIS



ID# <mark>011000003</mark>									
Sponsor (name of	entity, not perso	n) <mark>Foard (Co</mark>	unty)						
RFPG recommend? Yes Reaso			for Recommendation	Action aligns wi	ns with goals and meets TWDB guidance				
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood ir	Perform flood insurance study for the county and develop regulatory mapping							
New Hydrologic or	Hydraulic mode	I? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipated	d models i	in near term	? Yes
County Foard			Watershed HUC#	# (if known) <mark>-</mark>	-				
Drainage area (Squ	are miles, est.)	703	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summan	/							
Population at risk	14		# of structures	23		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	58,148		Roadway(s) impacted (lengt		) 36			
Number of low wa	ter crossings	4		Historical road o	closures	5			
Estimated Cost	_								

 Total Cost
 \$749,000
 Amount of Available Funding
 Federal funding availability
 No

 Funding source





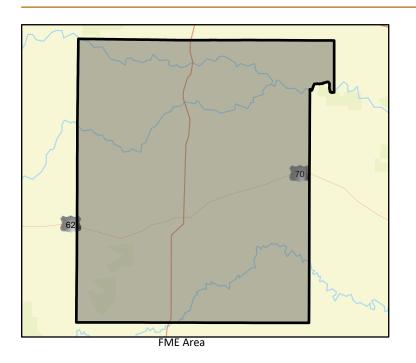
Title Cottle County FIS



ID# 011000004										
Sponsor (name of	entity, not perso	n) <mark>Cottle</mark>	(County)							
RFPG recommend	l? <mark>Yes</mark>	Rea	son for Recommendation	Action aligns with goals and meets TWDB guidance						
Study Details										
Study type	Watershed Plan	ning								
Study description	Perform flood ii	Perform flood insurance study for the county and develop regulatory mapping								
New Hydrologic o	r Hydraulic mode	el? Yes	Emergency N	eed? <mark>No</mark>	Existing/Anticipated models in near term? No					
County Cottle			Watershed HUC#	ŧ (if known)    -						
Drainage area (Sq	uare miles, est.)	900	Goal(s)	<mark>01000001, 010000</mark>	002					
100-Year Flood	Risk Summar	y								
Population at risk	3		# of structures	7		Critical fac	cilities <mark>0</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No		
Farm/Ranch land impacted (acres) 71,381				Roadway(s) imp	acted (length)	h) 33				
Number of low water crossings 5				Historical road o	closures	5				
Estimated Cost	t and Funding	Availabi	lity							
Total Cost	Cost \$926,000 Amount of Available Funding				Federal funding availability No					

Funding source -

Federal funding availability No





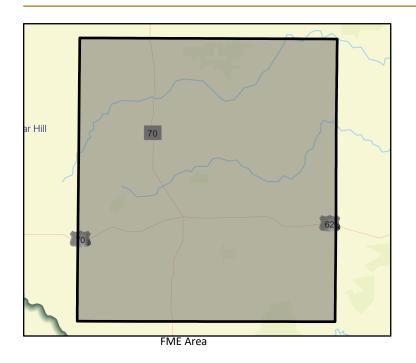
Title Motley County FIS



ID# <mark>011000005</mark>									
Sponsor (name of	entity, not perso	n) <mark>Motley</mark>	(County)						
RFPG recommend	? Yes	Reas	on for Recommendation	Action aligns wi	ith goals and me	eets TWDB	guidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood ii	nsurance s	tudy for the county and d	evelop regulatory i	mapping				
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipa	ted models	in near term	I? Yes
County Motley			Watershed HUC#	# (if known) <mark>-</mark>					
Drainage area (Sq	uare miles, est.)	988	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summar	y							
Population at risk	156		# of structures	114		Critical fa	cilities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land	impacted (acres)	80,008		Roadway(s) imp	acted (length)	23			
Number of low wa	ater crossings	6		Historical road o	closures	6			
Estimated Cost	and Funding	Availabili	ity						
Total Cost	\$974 000		Amount of Available Fund	ing -	Fe	ederal fund	ling availabi	lity No	

Funding source -

Federal funding availability No





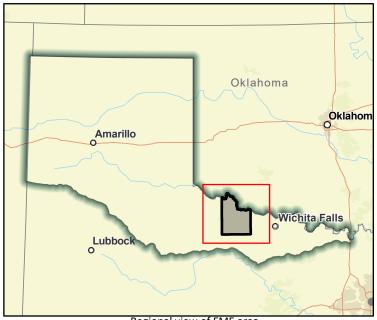
Title Wilbarger County FIS



ID# 011000007									
Sponsor (name of	entity, not perso	n) <mark>Wilbarge</mark>	er (County)						
RFPG recommend	? <mark>Yes</mark>	Reaso	n for Recommendation	Action aligns wi	th goals and me	eets TWDB g	guidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood in	surance stu	idy for the county and de	evelop regulatory r	mapping				
New Hydrologic o	r Hydraulic mode	I? Yes	Emergency N	eed? <mark>No</mark>	Existin	g/Anticipate	ed models	in near term	? Yes
County Wilbarger	r		Watershed HUC#	ŧ (if known)    -					
Drainage area (Sq	uare miles, est.)	976	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summary	/							
Population at risk	583		# of structures	132		Critical faci	lities <mark>2</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	101,721		Roadway(s) imp	acted (length)	88			
Number of low wa	ter crossings	39		Historical road o	closures	45			
Estimated Cost	and Funding A	vailability	/						
Total Cost	\$983.000	Ar	nount of Available Fundi	ing -	Fe	ederal fundi	ng availabil	lity No	

Funding source



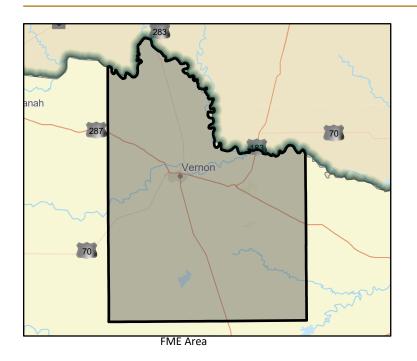


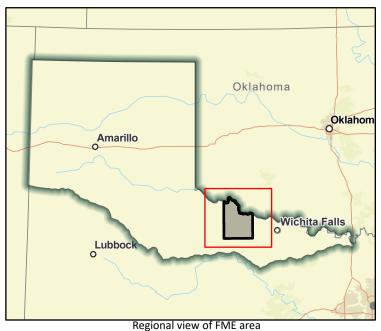
Regional view of FME area

Title Wilbarger County Drainage Master Plan



ID# <mark>011000046</mark>											
Sponsor (name of e	entity, not persor	ר) <mark>Wilbarg</mark>	er (County)								
RFPG recommend?	Yes	Reaso	on for Recor	nmendation	Action aligns wi	ith goals	and me	ets TWDB gu	idance		
								_			
Study Details											
Study type	Watershed Plan	ning									
Study description	Perform H&H m	odeling, de	evelop conc	eptual alterna	atives and OPCC, a	nd rank ı	projects	; selected bas	sed on HN	ЛАРs	
New Hydrologic or	Hydraulic model	? Yes		Emergency N	Need? No		Existin	g/Anticipated	l models	in near term	I? No
County Wilbarger			Wa	tershed HUC	# (if known) <mark>-</mark>						
Drainage area (Squ	are miles, est.)	976		Goal(s)	01000001, 010000	002, 010	00005,0	01000006			
100-Year Flood F	Risk Summary	,									
Population at risk	583		#	of structures	132			Critical facilit	ties <mark>2</mark>		
Flood risk type:	Riverine? Yes		Coastal?	No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land in	npacted (acres)	101,721			Roadway(s) imp	oacted (le	ength)	88			
Number of low wat	er crossings	39			Historical road o	closures		45			
Estimated Cost	and Funding A	vailabili	ty								
Total Cost Ś	500.000	A	Amount of A	vailable Fund	ling -		Fe	deral funding	g availabil	ity No	





Title Hardeman County FIS

Funding source -



ID# <mark>011000008</mark>									
Sponsor (name of e	entity, not perso	ו) <mark>Hardem</mark>	an (County)						
RFPG recommend?	Yes	Reaso	on for Recommendation	Action aligns wi	th goals and m	neets TWDB g	guidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood in	surance st	udy for the county and d	evelop regulatory r	napping				
New Hydrologic or	Hydraulic mode	? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>	Existi	ng/Anticipate	ed models	in near term?	Yes
County Hardeman	ı		Watershed HUC#	# (if known) -					
Drainage area (Squ	are miles, est.)	696	Goal(s)	<mark>01000001, 010000</mark>	002				
100-Year Flood I	Risk Summary	7							
Population at risk	157		# of structures	43		Critical faci	ilities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa	? Yes	Other?	No	
Farm/Ranch land ir	mpacted (acres)	59,007		Roadway(s) imp	acted (length)	54			
Number of low wat	ter crossings	6		Historical road c	closures	6			
Estimated Cost	and Funding A	vailabilit	ty.						
Total Cost \$	678,000	Δ	mount of Available Fund	ing -	F	ederal fundi	ng availabil	ity <mark>No</mark>	

6 28 Quanah 287 70



FME Area

Regional view of FME area

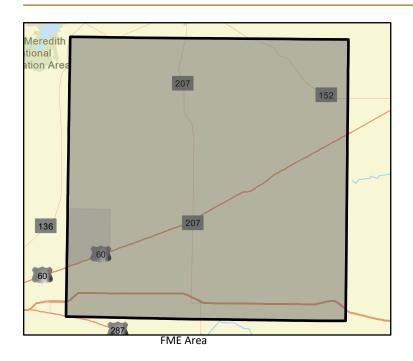
Title Carson County FIS



ID# <mark>011000013</mark>									
Sponsor (name of	entity, not perso	n) <mark>Carson</mark>	(County)						
RFPG recommend	? <mark>Yes</mark>	Reas	on for Recommendation	Action aligns wi	th goals and me	ets TWDE	3 guidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood ir	nsurance s	tudy for the county and de	evelop regulatory r	napping				
New Hydrologic o	r Hydraulic mode	I? <mark>Yes</mark>	Emergency N	eed? <mark>No</mark>	Existin	g/Anticipa	ated models	in near term	I? Yes
County Carson			Watershed HUC#	ŧ (if known) -					
Drainage area (Sq	uare miles, est.)	925	Goal(s)	<mark>01000001, 010000</mark>	002				
100-Year Flood	Risk Summar	/							
Population at risk	270		# of structures	87		Critical fa	acilities <mark>4</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land	impacted (acres)	43,318		Roadway(s) imp	acted (length)	36			
Number of low wa	ater crossings	10		Historical road c	losures	12			
Estimated Cost	and Funding	Availabili	ty						
Total Cost	6826 000		Mount of Available Fundi	ng	Fc	doral fun	ding availahi	lity No	

 Total Cost
 \$826,000
 Amount of Available Funding Federal funding availability No

 Funding source





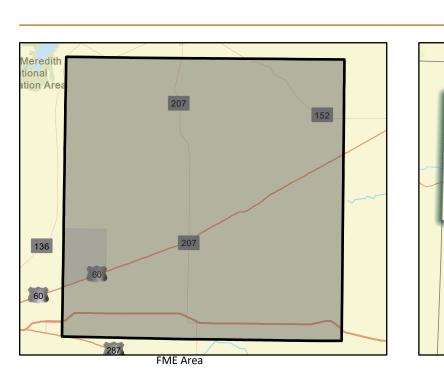
Title Carson County Drainage Master Plan

Funding source

-



ID# <mark>011000049</mark>									
Sponsor (name of	entity, not perso	n) <mark>Carson</mark>	n (County)						
RFPG recommend	? Yes	Reas	son for Recommendation	Action aligns wi	th goals and m	eets TWDB	guidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform H&H m	odeling, d	develop conceptual alterna	atives and OPCC, ar	nd rank project	s; selected b	based on HM	MAPs	
New Hydrologic or	· Hydraulic mode	? Yes	Emergency N	leed? <mark>No</mark>	Existin	ng/Anticipat	ed models	in near term	? No
County Carson			Watershed HUC#	# (if known)     -					
Drainage area (Squ	uare miles, est.)	925	Goal(s)	01000001, 010000	<mark>02, 01000005,</mark>	01000006			
100-Year Flood	Risk Summary	1							
Population at risk	270		# of structures	87		Critical fac	cilities <mark>4</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	43,318		Roadway(s) imp	acted (length)	36			
Number of low wa	ter crossings	10		Historical road o	losures	12			
Estimated Cost	and Funding A	vailabil	ity						
Total Cost	\$500,000		Amount of Available Fund	ing -	F	ederal fund	ing availabil	lity No	





Title Potter County FIS

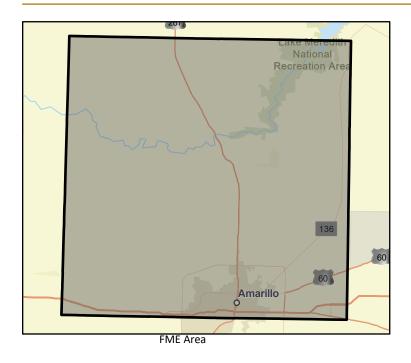
ID# 011000040



Sponsor (name of	entity, not perso	n) <mark>Potter (</mark>	County)						
RFPG recommend	? Yes	Reaso	on for Recommendation	Action aligns with g	goals and me	ets TWDB	guidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Update flood in	surance stu	udy for the county and de	velop regulatory mapp	oing				
New Hydrologic o	r Hydraulic mode	I? Yes	Emergency N	leed? No	Existin	g/Anticipa	ted models i	n near term?	Yes
County Potter			Watershed HUC#	# (if known) -					
Drainage area (Sq	uare miles, est.)	923	Goal(s)	01000001, 01000002					
100-Year Flood	<b>Risk Summary</b>	/							
Population at risk	8,889		# of structures	1,083		Critical fa	cilities <mark>13</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land	impacted (acres)	53,184		Roadway(s) impacte	ed (length)	79			
Number of low wa	ater crossings	14		Historical road closu	ures	14			
Estimated Cost	and Funding	Availabili	ty						
Total Cost	\$929 000	A	mount of Available Fundi	ing -	Fe	deral fund	ling availabil	ity No	

Funding source

-



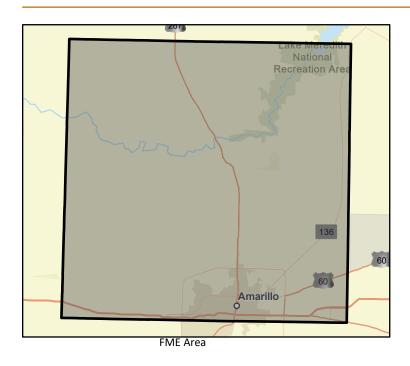


Title Potter County Drainage Master Plan



ID# 011000050											
Sponsor (name of	entity, not perso	n) <mark>Potter</mark>	(County								
RFPG recommend	? Yes	Rea	son for R	ecommendation	Action aligns wi	ith g	goals and m	neets TWDB	guidance		
Study Details											
Study type	Watershed Plan	ning									
Study description	Perform H&H m	odeling, d	develop	conceptual altern	atives and OPCC, a	nd r	rank project	ts; selected l	based on HI	MAPs	
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>		Emergency N	Need? No		Existi	ng/Anticipa	ted models	in near term	? Yes
County Potter				Watershed HUC	# (if known) <mark>-</mark>						
Drainage area (Sq	uare miles, est.)	923		Goal(s)	01000001, 010000	002,	<mark>, 01000005</mark>	, 01000006			
100-Year Flood	Risk Summary	/									
Population at risk	8,889			# of structures	1,083			Critical fac	cilities <mark>13</mark>		
Flood risk type:	Riverine? Yes		Coa	stal? <mark>No</mark>	Local? No		Playa	? Yes	Other?	No	
Farm/Ranch land	impacted (acres)	53,184			Roadway(s) imp	bacte	ed (length)	79			
Number of low wa	ater crossings	14			Historical road o	clos	ures	14			
Estimated Cost	and Funding	Availabil	lity								
Total Cost	\$500,000		Amount	of Available Fund	ling -		I	ederal fund	ing availabi	lity No	







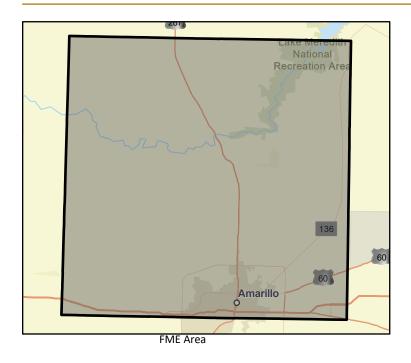
Title Potter County GIS Development



ID# 011000113											
Sponsor (name of	entity, not perso	n) <mark>Potter</mark>	(County)								
RFPG recommend	? Yes	Rea	son for R	ecommendation	Action aligns wi	ith goals a	and me	ets TWDB gu	uidance		
Study Details											
Study type	Other										
Study description	Develop GIS inv	entory ar	nd conditi	on assessment fo	or flood infrastructu	ıre; select	ted bas	ed on survey	response	2	
New Hydrologic o	r Hydraulic mode	l? <mark>No</mark>		Emergency I	Need? <mark>No</mark>		Existin	g/Anticipated	d models	in near term	ו? <mark>Yes</mark>
County Potter				Watershed HUC	C# (if known) -						
Drainage area (Sq	uare miles, est.)	923		Goal(s)	<mark>01000001, 010000</mark>	002					
100-Year Flood	Risk Summar	/									
Population at risk	8,889			# of structures	1,083			Critical facili	ties <mark>13</mark>		
Flood risk type:	Riverine? Yes		Coas	tal? <mark>No</mark>	Local? No	F	Playa?	Yes	Other?	No	
Farm/Ranch land	impacted (acres)	53,184			Roadway(s) imp	oacted (le	ngth)	79			
Number of low wa	ater crossings	14			Historical road o	closures		14			
Estimated Cost	and Funding	Availabi	lity								
Total Cost	\$50.000		Amount	of Available Fund	ding -		Fe	ederal funding	g availabil	ity No	

Funding source

-

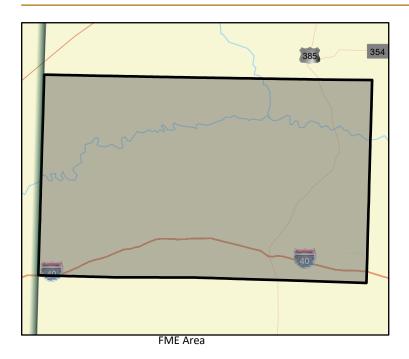




Title Oldham County FIS



ID# 011000014									
Sponsor (name of	entity, not person)	Oldham	ı (County)						
RFPG recommend	? Yes	Reaso	on for Recommendation	Action aligns wi	th goals and me	eets TWDB guid	lance		
Study Details									
Study type	Watershed Planni	ing							
Study description	Perform flood ins	urance st	udy for the county and d	evelop regulatory r	mapping				
New the leafers	n Un dan selin an e de 12		<b>E</b>		E. daria	- /			
	r Hydraulic model?	Yes	Emergency N		Existin	ng/Anticipated r	nodels in nea	ar term?	NO
County <mark>Oldham</mark>			Watershed HUC	# (if known) -					
Drainage area (Sq	uare miles, est.) <mark>1</mark> ,	,503	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summary								
Population at risk			# of structures	25		Critical facilitie	es 1		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other? No		
Farm/Ranch land	impacted (acres)	5,134		Roadway(s) imp	acted (length)	9			
Number of low wa	ater crossings	80		Historical road o	closures	30			
Estimated Cost	and Funding Av	vailabili	ty						
Total Cost	\$1,447,000	A	mount of Available Fund	ing <mark>-</mark>	Fe	ederal funding a	availability <mark>N</mark>	0	



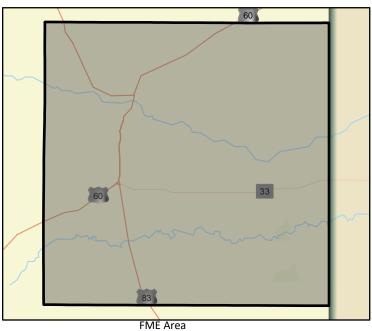


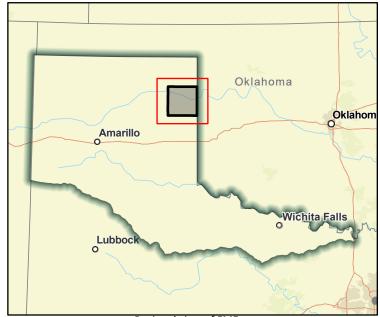
Title Hemphill County FIS



ID# 011000015									
Sponsor (name of	entity, not perso	ר) <mark>Hemphill (</mark>	(County)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	ith goals and me	ets TWDB gu	uidance		
						_			
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood ir	surance stuc	dy for the county and d	evelop regulatory r	mapping				
New Hydrologic or	Hydraulic mode	? Yes	Emergency N	leed? No	Existin	g/Anticipate	d models	in near term?	Yes
County Hemphill			Watershed HUC	# (if known) <mark>-</mark>					
Drainage area (Squ	are miles, est.)	914	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summary	1							
Population at risk	100		# of structures	101		Critical facili	ities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	77,405		Roadway(s) imp	oacted (length)	30			
Number of low wa	ter crossings	6		Historical road o	closures	6			
Estimated Cost	and Funding A	vailability							

Total Cost Amount of Available Funding -Federal funding availability No \$887,000 Funding source -



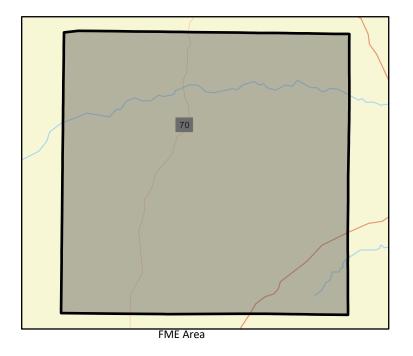


Regional view of FME area

Title Roberts County FIS



ID# 011000016											
Sponsor (name of	f entity, not perso	n) <mark>Robert</mark>	ts (Count	y)							
RFPG recommend	d? <mark>Yes</mark>	Reas	son for Re	ecommendation	Action aligns wi	ith goals and I	neets	TWDB guidar	nce		
Study Details											
Study type	Watershed Plan	ning									
Study description	Perform flood ir	nsurance s	study for	the county and c	levelop regulatory i	mapping					
New Hydrologic c	or Hydraulic mode	I? <mark>Yes</mark>		Emergency I	Need? No	Exist	ing/A	nticipated mo	dels	in near term	? No
County Roberts				Watershed HUC	# (if known) <mark>-</mark>						
Drainage area (So	uare miles, est.)	925		Goal(s) 01000001, 01000002							
100-Year Flood	Risk Summary	/									
Population at risk	60			# of structures	90		Crit	tical facilities	2		
Flood risk type:	Riverine? Yes		Coas	tal? <mark>No</mark>	Local? No	Playa	? Yes	s Ot	her?	No	
Farm/Ranch land	impacted (acres)	91,031			Roadway(s) imp	oacted (length	) 21				
Number of low w	ater crossings	5			Historical road o	closures	5				
Estimated Cos	t and Funding /	Availabil	ity								
Total Cost	\$870.000		Amount	of Available Func	ling -		Federa	al funding ava	ailabil	lity No	



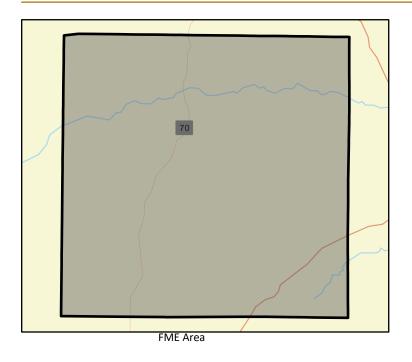


Title Roberts County Drainage Master Plan



ID# 011000051						
Sponsor (name of entity, not person) <mark>F</mark>	Roberts (County)					
RFPG recommend? Yes	Reason for Recommenda	tion Action aligns with g	goals and meets TW	DB guidance		
Study Details						
Study type Watershed Planning	g					
Study description Perform H&H mode	eling, develop conceptual a	Iternatives and OPCC, and r	ank projects; select	ed based on HMA	Ps	
New Hydrologic or Hydraulic model?	Yes Emerge	ncy Need? No	Existing/Antic	ipated models in r	near term? No	)
County Roberts	Watershed	HUC# (if known) -	_			
Drainage area (Square miles, est.) 925	Goa	al(s) 01000001, 01000002,	01000005, 010000	06		
100-Year Flood Risk Summary						
Population at risk 60	# of struct	tures <mark>90</mark>	Critica	l facilities <mark>2</mark>		
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? <mark>Yes</mark>	Other? No	0	
Farm/Ranch land impacted (acres) 91,	,031	Roadway(s) impact	ed (length) 21			
Number of low water crossings 5		Historical road clos	ures 5			
Estimated Cost and Funding Ava	ailability					
Total Cost \$500,000	Amount of Available	Funding -	Federal f	unding availability	No	

10101 0031	3500,000	Amount of Available Funding -	
Funding source	-		





Title Hutchinson County Drainage Master Plan

#### ID# 011000052

Sponsor (name of entity, not person) Hutchinson (County)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

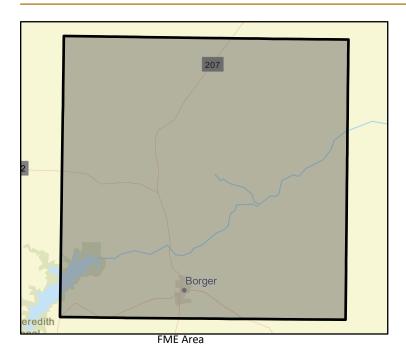
CANADIAN

REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type Watershed	Planning										
Study description Perform H	&H modeling, de	velop conceptual alterna	atives and OPCC, and ra	nk projects	; selected bas	ed on HN	ЛАРs				
New Hydrologic or Hydraulic r	nodel? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipated	l models i	in near term	? No			
County Hutchinson		Watershed HUC#	# (if known)    -								
ainage area (Square miles, est.) 897 Goal(s) 01000001, 01000002, 01000005, 01000006											
100-Year Flood Risk Sum	nary										
Population at risk 925		# of structures	428		Critical facilit	ties <mark>2</mark>					
Flood risk type: Riverine?	Yes	Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No				
Farm/Ranch land impacted (a	cres) 70,012		Roadway(s) impacted	d (length)	30						
Number of low water crossing	mber of low water crossings 10 Historical road closures 10										
<b>Estimated Cost and Fund</b>	ing Availability	/									

Total Cost	\$500,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





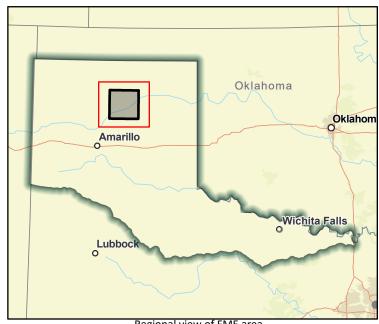
Title Hutchinson County FIS



ID# <mark>011000017</mark>									
Sponsor (name of	entity, not perso	n) <mark>Hutchins</mark>	on (County)						
RFPG recommend	? <mark>Yes</mark>	Reaso	n for Recommendation	Action aligns wi	th goals and me	eets TWDB g	uidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood ir	isurance stu	dy for the county and de	evelop regulatory r	napping				
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipate	d models	in near term	? No
County Hutchinso	on		Watershed HUC#	# (if known) -					
Drainage area (Sq	uare miles, est.)	897	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summary	/							
Population at risk	925		# of structures	428		Critical facil	ities <mark>2</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	70,012		Roadway(s) imp	acted (length)	30			
Number of low wa	ater crossings	10		Historical road o	losures	10			
Estimated Cost	and Funding A	Availability	/						
Total Cost	\$895.000	Ar	nount of Available Fundi	ing -	Fe	ederal fundir	ıg availahil	ity No	

Funding source -





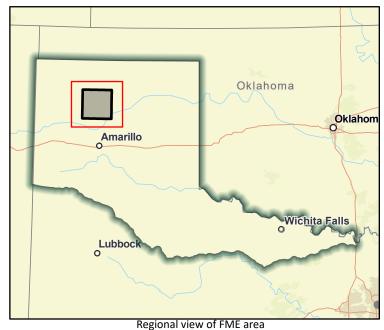
Regional view of FME area

Title Moore County FIS



ID# <mark>011000018</mark>								
Sponsor (name of	entity, not persor	n) <mark>Moore</mark>	e (County)					
RFPG recommend	? Yes	Rea	son for Recommendation	Action aligns w	ith goals and me	ets TWDB guidance		
Study Details								
Study type	Watershed Plan	ning						
Study description	Perform flood in	surance	study for the county and d	evelop regulatory i	mapping			
New Hydrologic or	Hydraulic model	? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>	Existin	g/Anticipated model	s in near term	Yes
County Moore			Watershed HUC#	# (if known) <mark>-</mark>				
Drainage area (Squ	are miles, est.)	911	Goal(s)	01000001, 010000	002			
100-Year Flood	Risk Summary	1						
Population at risk	326		# of structures	75		Critical facilities 4		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes Other	No	
Farm/Ranch land i	mpacted (acres)	38,661		Roadway(s) imp	oacted (length)	29		
Number of low wa	ter crossings	10		Historical road	closures	13		
Estimated Cost	and Funding A	vailabi	lity					
Total Cost	835,000		Amount of Available Fund	ing <mark>-</mark>	Fe	deral funding availab	ility <mark>No</mark>	

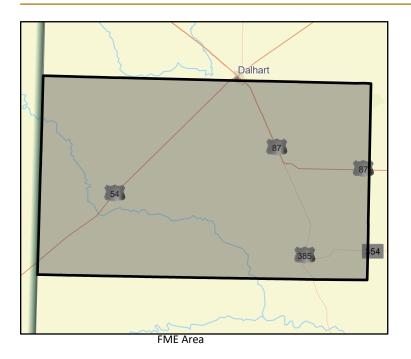


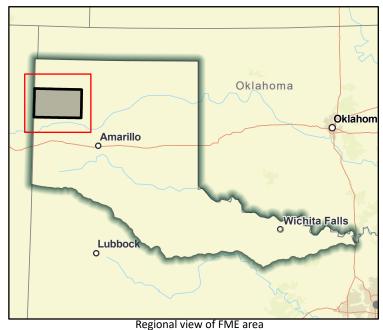


Title Hartley County FIS



ID# 011000019										
Sponsor (name of	entity, not person)	Hartley	/ (County)							
RFPG recommend	? Yes	Reas	on for Recommendation	Action aligns	with goals and	d me	ets TWDB gu	uidance		
Study Details										
Study type	Watershed Planni	ng								
Study description	Perform flood ins	urance s	tudy for the county and d	evelop regulatory	/ mapping					
New Hydrologic or	Hydraulic model?	Yes	Emergency N	leed? <mark>No</mark>	Ex	istin	g/Anticipated	d models	in near term	? Yes
County Hartley			Watershed HUC							
Drainage area (Squ	uare miles, est.) <mark>1</mark> ,	466	Goal(s)	<mark>01000001, 0100</mark>	0002					
100-Year Flood	Risk Summary									
Population at risk	281		# of structures	111			Critical facili	ties <mark>5</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Pla	iya?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>9</mark>	1,163		Roadway(s) in	npacted (leng	th)	83			
Number of low wa	ter crossings <mark>6</mark>	1		Historical road	l closures		63			
Estimated Cost	and Funding Av	<i>r</i> ailabili	ity							
Total Cost	\$1,361,000		Amount of Available Fund	Amount of Available Funding -			Federal funding availability No			



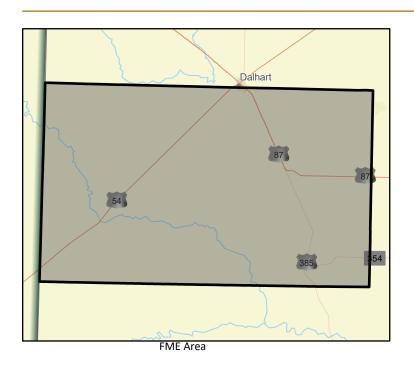


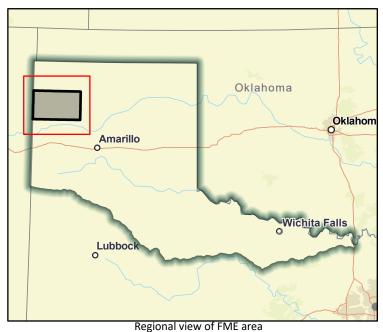
Title Hartley County Drainage Master Plan

ID# 011000053



10# 011000055								
Sponsor (name of	entity, not persor	າ) <mark>Hartley (</mark>	(County)					
RFPG recommend	? Yes	Reaso	n for Recommendation	Action aligns wit	h goals and me	eets TWDB guidan	се	
Study Details								
Study type	Watershed Plann	ning						
Study description	Perform H&H me	odeling, de	velop conceptual alterna	atives and OPCC, and	d rank projects	; selected based c	n HMAPs	
New Hydrologic o	r Hydraulic model	? Yes	Emergency N	leed? No	Existin	g/Anticipated mo	dels in near term	? No
County Hartley	,		Watershed HUC			0,		
Drainage area (Squ	uare miles, est.)	1.466		01000001, 0100000	2.01000005.	01000006		
		-,	.,	,				
100-Year Flood	<b>Risk Summary</b>	,						
Population at risk	281		# of structures	111		Critical facilities	5	
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes Oth	ier? <mark>No</mark>	
Farm/Ranch land i	mpacted (acres)	91,163		Roadway(s) impa	cted (length)	83		
Number of low wa	iter crossings	61		Historical road cl	osures	63		
Estimated Cost	and Funding A	vailability	У					
Total Cost	\$500,000	Aı	mount of Available Fund	ing -	Fe	ederal funding ava	ilability <mark>No</mark>	



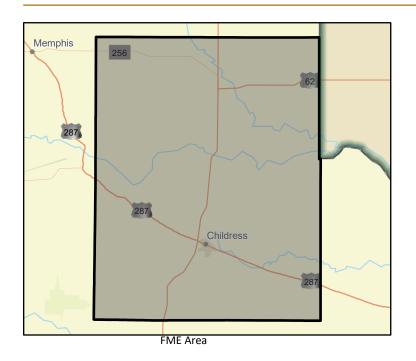


Title Childress County Drainage Master Plan



ID# 011000054									
Sponsor (name of	entity, not perso	ר) <mark>Childress</mark>	(County)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wit	th goals and me	eets TWDB gu	idance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform H&H m	odeling, dev	elop conceptual alterna	atives and OPCC, an	nd rank projects	; selected bas	sed on HN	MAPs	
New Hydrologic or	Hydraulic mode	? Yes	Emergency N	leed? No	Existin	g/Anticipated	d models	in near term	No No
County Childress			Watershed HUC#	# (if known) -					
Drainage area (Squ	uare miles, est.)	713	Goal(s)	01000001, 010000	02,01000005,0	01000006			
100-Year Flood	Risk Summary	1							
Population at risk	-		# of structures	47		Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	65,436		Roadway(s) imp	acted (length)	52			
Number of low wa	ter crossings	8		Historical road c	losures	8			
Estimated Cost	and Funding A	vailability							
Total Cost	+=	A	a unit of Aurolio blo Fundi		E e	ما مسما قريم ما تسر	الما ما المربية	14	

Total Cost	\$500,000	Amount of Available Funding -	Federal funding availability No
Funding source	-		





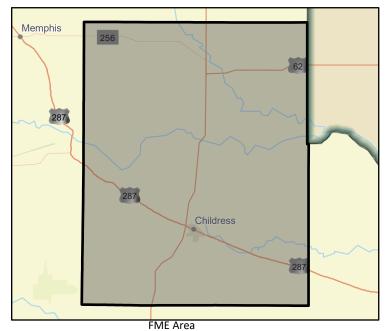
Title Childress County FIS



ID# 011000020											
Sponsor (name of	f entity, not perso	n) <mark>Childr</mark>	ess (Cour	nty)							
RFPG recommend	l? <mark>Yes</mark>	Rea	son for R	ecommendation	Action aligns w	ith goals ar	nd me	ets TWDB	guidance		
Study Details											
Study type	Watershed Plan	ning									
Study description	Perform flood ir	isurance	study for	the county and d	levelop regulatory	mapping					
New Hydrologic o	or Hydraulic mode	l? <mark>Yes</mark>		Emergency N	Need? No	E	xistin	g/Anticipa	ted models	in near term	? Yes
County Childress	;			Watershed HUC	# (if known) -						
Drainage area (Sq	uare miles, est.)	713		Goal(s)	01000001, 01000	002					
100-Year Flood	Risk Summar	/									
Population at risk	59			# of structures	47			Critical fa	cilities <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coas	stal? <mark>No</mark>	Local? No	Pla	aya?	Yes	Other?	No	
Farm/Ranch land	impacted (acres)	65,436			Roadway(s) imp	pacted (leng	gth)	52			
Number of low w	ater crossings	8			Historical road	closures		8			
Estimated Cos	t and Funding	Availabi	lity								
Total Cost	\$711.000		Amount	of Available Fund	ling -		Fe	ederal fund	ing availabi	lity No	

Funding source

-





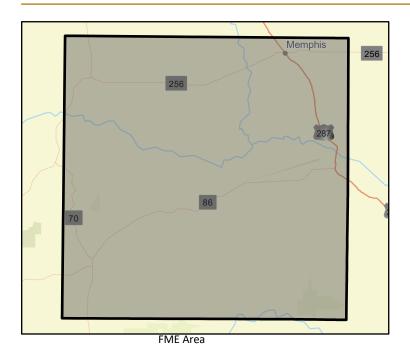
Regional view of FME area

#### Title Hall County FIS



ID# 011000021									
Sponsor (name of	entity, not perso	n) <mark>Hall (Cour</mark>	nty)						
RFPG recommend	? <mark>Yes</mark>	Reason	for Recommendation	Action aligns wi	ith goals and me	ets TWDB gu	idance		
						_			
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood ir	isurance stud	dy for the county and de	evelop regulatory r	mapping				
New Hydrologic or	r Hydraulic mode	I? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipated	d models i	in near term?	Yes
County Hall			Watershed HUC#	# (if known) <mark>-</mark>					
Drainage area (Squ	uare miles, est.)	903	Goal(s)	<mark>01000001, 010000</mark>	002				
100-Year Flood	Risk Summary	/							
Population at risk	63		# of structures	66		Critical facili	ties <mark>5</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	90,608		Roadway(s) imp	acted (length)	74			
Number of low wa	iter crossings	22		Historical road o	closures	22			
Estimated Cost	and Funding	Availability							

Total Cost	\$892,000	Amount of Available Funding	Federal funding availability No
Funding source	-		



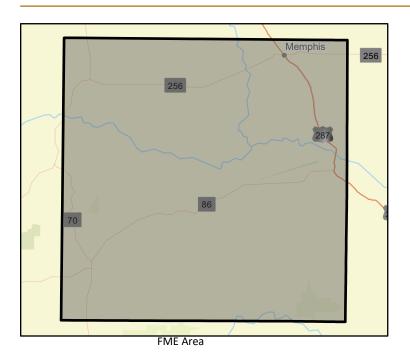


Title Hall County Drainage Master Plan



ID# 011000055									
Sponsor (name of	entity, not persor	n) Hall (Cour	nty)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	th goals and me	eets TWDB gu	iidance		
Study Details									
Study type	Watershed Plan	ning							
Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs									
New Hydrologic or	Hydraulic model	? Yes	Emergency N	leed? <mark>No</mark>	Existin	g/Anticipated	d models i	n near term	I? <mark>No</mark>
County Hall			Watershed HUC#	# (if known) -					
Drainage area (Squ	iare miles, est.)	903	Goal(s)	01000001, 010000	02,01000005,	01000006			
100-Year Flood	Risk Summary	,							
Population at risk	63		# of structures	66		Critical facili	ties <mark>5</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	90,608		Roadway(s) imp	acted (length)	74			
Number of low wa	ter crossings	22		Historical road c	losures	22			
Estimated Cost	and Funding A	vailability							

Total Cost	\$500,000	Amount of Available Funding	Federal funding availability No
Funding source	-		



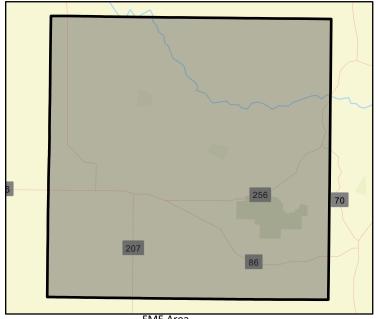


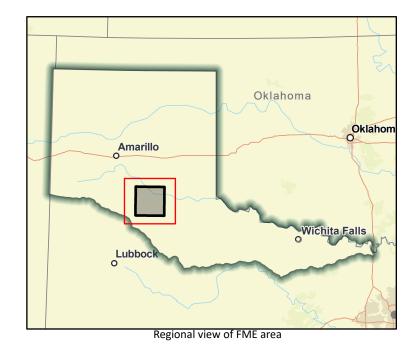
Title Briscoe County FIS



ID# 011000022									
Sponsor (name of	entity, not perso	n) <mark>Briscoe</mark>	e (County)						
RFPG recommend	? Yes	Reas	on for Recommendation	Action aligns wi	ith goals and m	eets TWD	B guidance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood ir	nsurance s	tudy for the county and de	evelop regulatory r	mapping				
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No	Existir	g/Anticipa	ated models	in near term	1? No
County Briscoe			Watershed HUC#	# (if known)     -					
Drainage area (Sq	uare miles, est.)	901	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summar	/							
Population at risk	23		# of structures	36		Critical fa	acilities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land	impacted (acres)	64,354		Roadway(s) imp	acted (length)	45			
Number of low w	ater crossings	2		Historical road o	closures	2			
Estimated Cost	and Funding	Availabil	ity						
Total Cost	\$902.000		Amount of Available Fundi	ing -	Fé	ederal fun	ding availabi	lity No	

	<i>\$302,000</i>	
Funding source	-	





FME Area

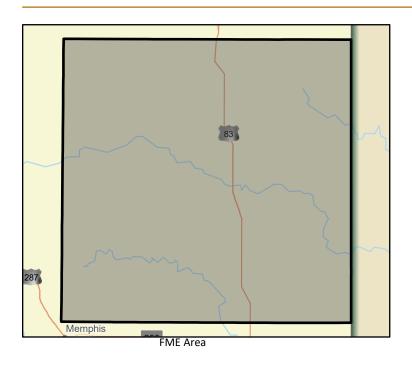
Title Collingsworth County FIS



## ID# 011000026 Sponsor (name of entity, not person) Collingsworth (County) RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance Study Details

Study type	Watershed Plan	nning							
Study description	Perform flood i	nsurance stud	ly for the county and d	evelop regulatory mapp	bing				
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes									
County Collingswo	orth		Watershed HUC	# (if known) <mark>-</mark>					
Drainage area (Squ	are miles, est.)	919	Goal(s)	01000001, 01000002					
100-Year Flood	Risk Summar	У							
Population at risk	136		# of structures	105		Critical facilit	ies <mark>5</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land in	mpacted (acres)	75,246		Roadway(s) impacted	d (length)	66			
Number of low water crossings     5       Historical road closures     5									
Estimated Cost	and Funding	Availability							

Total Cost	\$909,000	Amount of Available Funding -	Federal funding availability <mark>No</mark>
Funding source	-		





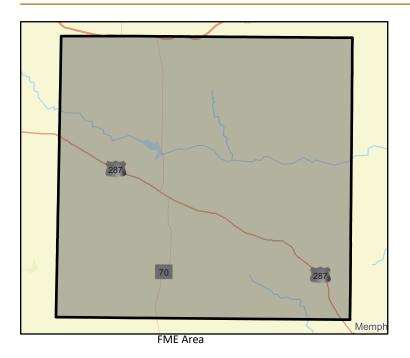
Title Donley County FIS



ID# 011000027						-				
Sponsor (name of	entity, not person)	Donley (C	County)							
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	ith goals and meets TWDB guidance					
						_				
Study Details										
Study type	Watershed Planni	ng								
Study description	ew Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes									
New Hydrologic o	r Hydraulic model?	Yes	Emergency N	eed? <mark>No</mark>	Existin	g/Anticipate	d models	in near term	? Yes	
County Donley			Watershed HUC#	ŧ (if known)    -						
Drainage area (Sq	uare miles, est.) <mark>9</mark> 3	33	Goal(s)	01000001, 010000	002					
100-Year Flood	Risk Summary									
Population at risk	629		# of structures	219		Critical facil	ities <mark>2</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land	mpacted (acres) 7	6,552		Roadway(s) imp	acted (length)	46				
Number of low wa	ater crossings 9			Historical road o	closures	9				
Estimated Cost	and Funding Av	ailability	,							
Total Cost	÷057.000	٨	ount of Ausilable Fundi		Fa	doral fundin	a ovoilobil			

 Total Cost
 \$957,000
 Amount of Available Funding
 Federal funding availability
 No

 Funding source

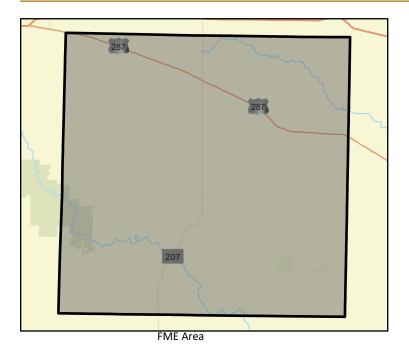




Title Armstrong County FIS



ID# <mark>011000028</mark>										
Sponsor (name of	entity, not perso	n) <mark>Armstr</mark>	ong (County)							
RFPG recommend	? Yes	Reas	on for Recommendation	Action aligns wi	th goals and me	eets TWDB	guidance			
Study Details										
Study type	Watershed Plan	ning								
Study description	Perform flood ii	nsurance s	tudy for the county and d	evelop regulatory r	napping					
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No	Existing/Anticipated models in near term? No					
County Armstron	g		Watershed HUC	# (if known) <mark>-</mark>						
Drainage area (Sq	uare miles, est.)	912	Goal(s)	Goal(s) 01000001, 01000002						
100-Year Flood	Risk Summar	y								
Population at risk	13		# of structures	24		Critical fa	cilities <mark>0</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land i	impacted (acres)	56,990		Roadway(s) imp	acted (length)	25				
Number of low wa	ater crossings	14		Historical road o	losures	27				
Estimated Cost	and Funding	Availabili	ty							
Total Cost	\$863.000		Amount of Available Fund	ing -	Fe	ederal fund	ing availabi	lity No		

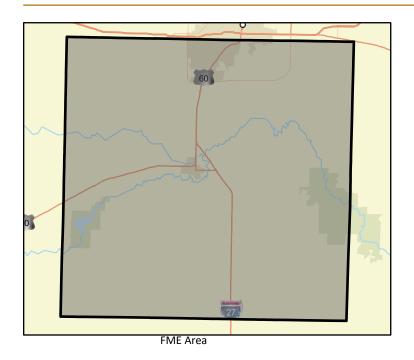




Title Randall County Drainage Master Plan



ID# <mark>011000057</mark>									
Sponsor (name of	entity, not persor	) <mark>Randall</mark>	(County)						
RFPG recommend	? Yes	Reaso	on for Recommendation	Action aligns wi	th goals and m	eets TWDB g	uidance		
Study Details									
Study type	Watershed Plann	ning							
Study description	Perform H&H mo	odeling, de	evelop conceptual alterna	atives and OPCC, ar	nd rank projects	s; selected ba	ased on HI	MAPs	
New Hydrologic or	Hydraulic model	? Yes	Emergency N	leed? No	Existir	ng/Anticipate	d models	in near term	? Yes
County Randall			Watershed HUC	# (if known) <mark>-</mark>					
Drainage area (Squ	uare miles, est.) <mark>g</mark>	922	Goal(s)	<mark>01000001, 010000</mark>	02, 01000005 <mark>,</mark>	01000006			
100-Year Flood	Risk Summary	,							
Population at risk	6,820		# of structures	1,781		Critical faci	ities <mark>21</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land in	mpacted (acres)	32,848		Roadway(s) imp	acted (length)	153			
Number of low wa	ter crossings	20		Historical road o	closures	20			
Estimated Cost	and Funding A	vailabilit	Ŋ						
Total Cost	\$500,000	A	mount of Available Fund	ing -	F	ederal fundir	ıg availabi	lity No	



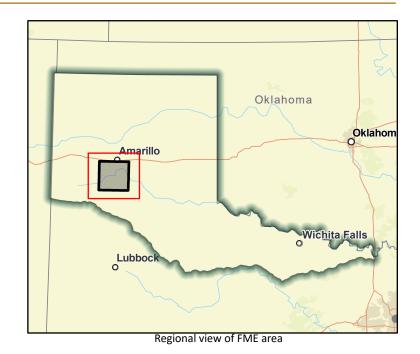


Title Randall County FIS



ID# 011000041										
Sponsor (name of	entity, not persor	n) <mark>Randal</mark>	(County)							
RFPG recommend	? <mark>Yes</mark>	Reas	on for Recommendation	Action aligns wi	vith goals and meets TWDB guidance					
Study Details										
Study type	Watershed Plann	ning								
Study description	Update flood ins	urance st	udy for the county and de	velop regulatory n	napping					
New Hydrologic o	r Hydraulic model	? Yes	Emergency N	leed? No	Existin	g/Anticipated r	nodels i	n near term?	Yes	
County Randall			Watershed HUC	# (if known) <mark>-</mark>						
Drainage area (Sq	uare miles, est.) <mark>9</mark>	922	Goal(s)	<mark>01000001, 010000</mark>	002					
100-Year Flood	Risk Summary	,								
Population at risk	6,820		# of structures	1,781		Critical facilitie	es <mark>21</mark>			
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land	impacted (acres)	32,848		Roadway(s) imp	acted (length)	153				
Number of low wa	ater crossings	20		Historical road o	closures	20				
Estimated Cost	-									
Total Cost	\$872,000		Amount of Available Fund	ing -	Fe	ederal funding a	ivailabil	ity <mark>No</mark>		





Title Randall County Culvert Evaluations

#### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

#### ID# 011000190

Sponsor (name of entity, not person) Randall (County)

RFPG recommend? Yes

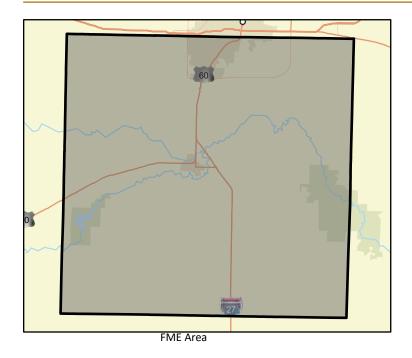
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning	5									
	selected based on stakeholder feedback.										
New Hydrologic or	Hydraulic mode	I? Yes	Emergency N	leed? No	Existin	g/Anticipated	models	in near term	? Yes		
County Randall Watershed HUC# (if known) -											
Drainage area (Square miles, est.) 922 Goal(s) Goal(s) 01000001, 01000002, 01000005, 01000006											
100-Year Flood F	Risk Summary	/									
Population at risk	6,820		# of structures	1,781		Critical facilit	ies <mark>21</mark>				
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No			
Farm/Ranch land in	npacted (acres)	32,848		Roadway(s) impacted	d (length)	153					
Number of low wat	Imber of low water crossings 20 Historical road closures 20										
<b>Estimated Cost</b> a	and Funding A	Availability									

Total Cost	\$120,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





Title Deaf Smith County FIS



ID# 011000029									
Sponsor (name of	entity, not perso	on) <mark>Deaf Smith (</mark>	County)						
RFPG recommend	? Yes	Reason for	Recommendation	Action aligns wi	th goals and me	ets TWDB gu	idance		
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform flood in	nsurance study f	or the county and d	evelop regulatory r	mapping				
New Hydrologic o	r Hydraulic mode	el? Yes	Emergency N	Veed? No	Existin	g/Anticipated	d models i	in near term	n? Yes
County Deaf Smit	th		Watershed HUC	# (if known) <mark>-</mark>					
Drainage area (Squ	uare miles, est.)	1,498	Goal(s)	01000001, 010000	002				
100-Year Flood	<b>Risk Summar</b>	у							
Population at risk	388		# of structures	120		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes	Co	oastal? <mark>No</mark>	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	54,135		Roadway(s) imp	acted (length)	76			
Number of low wa	ater crossings	18		Historical road o	closures	25			
<b>Estimated Cost</b>	and Funding	Availability							

Total Cost	\$1,283,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				



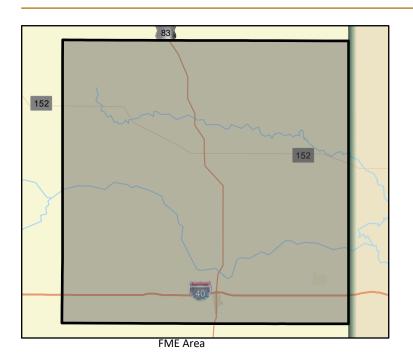


Title Wheeler County FIS



ID# 011000030											
Sponsor (name of e	entity, not perso	n) <mark>Wheeler (</mark>	(County)								
RFPG recommend?	Yes	Reason	for Recommendation	Action aligns wi	th goals and me	ets TWDB g	uidance				
						_					
Study Details											
Study type	Watershed Plan	ning									
Study description	udy description Perform flood insurance study for the county and develop regulatory mapping										
New Hydrologic or	New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes										
County Wheeler			Watershed HUC#	# (if known) <mark>-</mark>							
Drainage area (Squ	are miles, est.)	916	Goal(s)	01000001, 010000	002						
100-Year Flood F	Risk Summary	/									
Population at risk	338		# of structures	191		Critical faci	lities <mark>4</mark>				
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No			
Farm/Ranch land in	npacted (acres)	70,022		Roadway(s) imp	acted (length)	65					
Number of low wat	er crossings	4		Historical road o	closures	4					
Estimated Cost	_	_									

Total Cost	\$892,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				



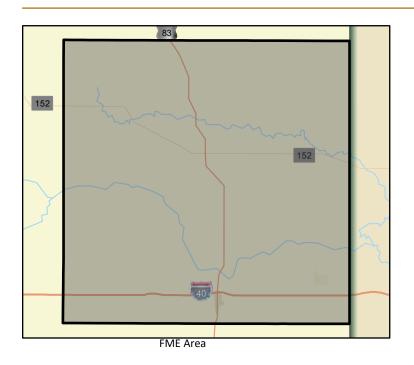


Title Wheeler County Drainage Master Plan



ID# <mark>011000058</mark>										
Sponsor (name of	entity, not person)	Wheeler (	County)							
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	ith goals and me	ets TWDB gu	iidance			
						_				
Study Details										
Study type	Watershed Planni	ng								
Study description	Perform H&H mo	deling, dev	elop conceptual alterna	atives and OPCC, ar	nd rank projects	; selected ba	sed on HN	ЛАРs		
New Hydrologic or	New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No									
County Wheeler			Watershed HUC#	# (if known) <mark>-</mark>						
Drainage area (Squ	are miles, est.) <mark>9</mark>	16	Goal(s)	01000001, 010000	002, 01000005, 0	01000006				
100-Year Flood	Risk Summary									
Population at risk	338		# of structures	191		Critical facili	ties <mark>4</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land in	mpacted (acres) <mark>7</mark>	0,022		Roadway(s) imp	acted (length)	65				
Number of low wa	ter crossings 4			Historical road o	closures	4				
Estimated Cost	-	-								

Total Cost	\$500,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				



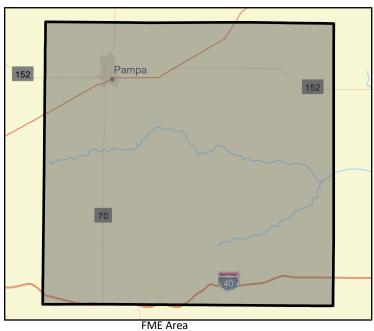


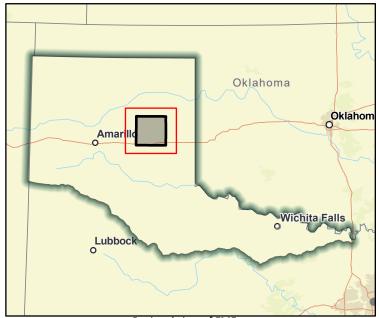
#### Title Gray County FIS



ID# <mark>011000042</mark>										
Sponsor (name of	entity, not perso	n) <mark>Gray (Cou</mark>	inty)							
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	th goals and me	ets TWDB gu	uidance			
						_				
Study Details										
Study type	Watershed Plan	ning								
Study description	Update flood in:	urance stud	y for the county and de	evelop regulatory m	napping					
New Hydrologic or	New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes									
County Gray			Watershed HUC	# (if known) <mark>-</mark>						
Drainage area (Squ	uare miles, est.)	931	Goal(s)	01000001, 010000	002					
100-Year Flood	Risk Summary	1								
Population at risk	1,429		# of structures	295		Critical facili	ities <mark>2</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land i	Farm/Ranch land impacted (acres) 63,863 Roadway(s) impacted (length) 49									
Number of low wa	ter crossings	14		Historical road c	closures	14				
Estimated Cost	and Funding A	vailability								

Total Cost	\$908,000	Amount of Available Funding	Federal funding availability No
Funding source	-		



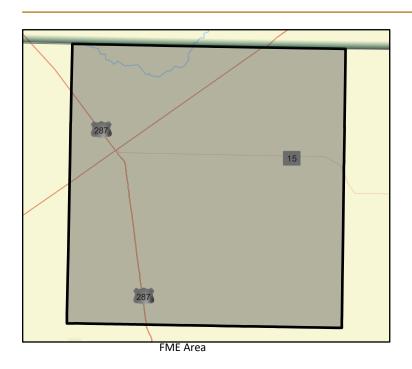


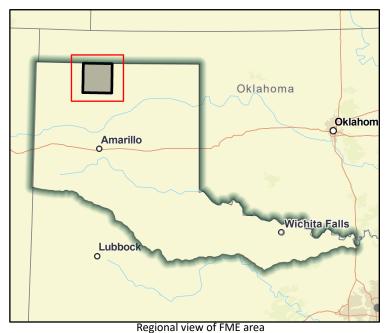
Regional view of FME area

Title Sherman County FIS



ID# 011000031											
Sponsor (name of	entity, not perso	n) <mark>Sherm</mark>	nan (Cour	nty)							
RFPG recommend	l? <mark>Yes</mark>	Rea	son for R	ecommendation	Action aligns wi	ith go	als and m	eets TWDB	guidance		
Study Details											
Study type	Watershed Plan	ning									
Study description	Perform flood ir	isurance	study for	the county and c	levelop regulatory i	mapp	ing				
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>		Emergency I	Need? No		Existi	ng/Anticipat	ed models	in near term	? No
County Sherman				Watershed HUC	# (if known) <mark>-</mark>						
Drainage area (Sq	uare miles, est.)	926		Goal(s)	al(s) 01000001, 01000002						
100-Year Flood	Risk Summary	/									
Population at risk	32			# of structures	21			Critical fac	ilities <mark>3</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>		Coas	stal? <mark>No</mark>	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land	impacted (acres)	44,313			Roadway(s) imp	oacted	d (length)	57			
Number of low wa	ater crossings	9			Historical road o	closur	res	10			
Estimated Cost	t and Funding A	vailabi	lity								
Total Cost	\$838,000		Amount	of Available Fund	ling -		F	ederal fundi	ing availabi	lity No	

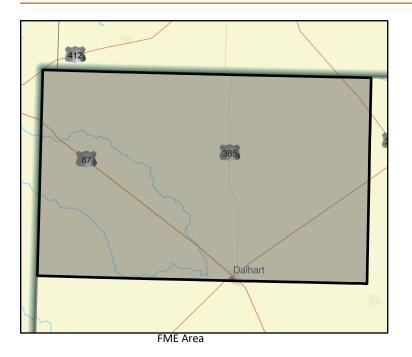


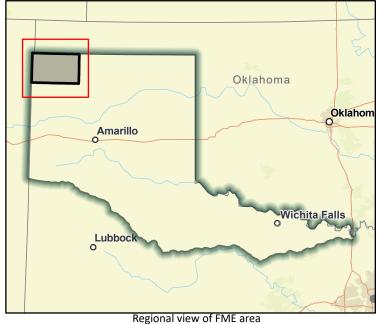


Title Dallam County FIS



ID# 011000032									
Sponsor (name of	entity, not person)	Dallam	(County)						
RFPG recommend	? Yes	Rease	on for Recommendation	Action aligns w	ith goals and me	ets TWDB guidance	5		
Study Details									
Study type	Watershed Plann	ing							
Study description	Perform flood ins	urance st	tudy for the county and d	evelop regulatory	mapping				
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes									
County Dallam			Watershed HUC#	# (if known) -					
Drainage area (Squ	uare miles, est.) <mark>1</mark>	,510	Goal(s)	01000001, 01000	002				
100-Year Flood	Risk Summary								
Population at risk	1,951		# of structures	890		Critical facilities 2			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes Othe	r? <mark>No</mark>		
Farm/Ranch land i	mpacted (acres)	1,034		Roadway(s) imp	pacted (length)	178			
Number of low wa	ter crossings 2	2		Historical road	closures	22			
Estimated Cost	and Funding Av	<i>v</i> ailabili	ty						
Total Cost	\$1,297,000	ļ	Amount of Available Fund	ing -	Fe	ederal funding avail	ability <mark>No</mark>		

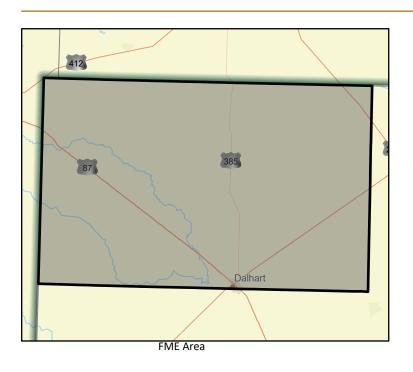


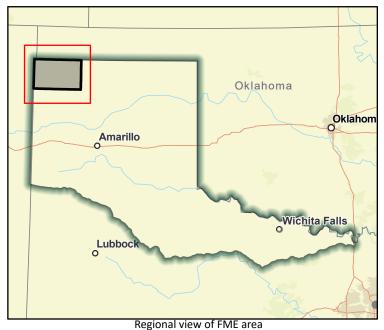


Title Dallam County Drainage Master Plan



ID# 011000059											
Sponsor (name of	entity, not perso	n) <mark>Dallam</mark>	<mark>ո (County</mark>	()							
RFPG recommend	? <mark>Yes</mark>	Rea	son for R	ecommendation	Action aligns wi	th goals ar	nd me	ets TWDB gu	uidance		
								_			
Study Details											
Study type	Watershed Plan	ning									
Study description	Perform H&H m	odeling, d	develop	conceptual altern	atives and OPCC, ar	nd rank pro	ojects	; selected ba	sed on HI	MAPs	
New Hydrologic or	r Hydraulic mode	I? <mark>Yes</mark>		Emergency I	Need? No	E	xistin	g/Anticipate	d models	in near tern	n? No
County Dallam				Watershed HUC	# (if known) -						
Drainage area (Squ	uare miles, est.)	1,510		Goal(s)	<mark>01000001, 010000</mark>	<mark>)02, 01000</mark>	005, 0	01000006			
100-Year Flood	Risk Summary	/									
Population at risk	1,951			# of structures	890			Critical facil	ities <mark>2</mark>		
Flood risk type:	Riverine? Yes		Coas	stal? <mark>No</mark>	Local? No	PI	laya?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	91,034			Roadway(s) imp	acted (len	gth)	178			
Number of low wa	iter crossings	22			Historical road o	losures		22			
Estimated Cost	and Funding A	Availabil	lity								
Total Cost	\$500,000		Amount	of Available Fund	ling -		Fe	deral fundin	g availabi	lity <mark>No</mark>	





Title Lipscomb County Drainage Master Plan

ID# 0110000C0

Funding source

-



011000060										
Sponsor (name of	entity, not perso	n) <mark>Lipscom</mark>	ıb (County)							
RFPG recommend	? Yes	Reasc	on for Recommendation	Action aligns v	vith goals and	l me	ets TWDB gu	iidance		
Study Details										
Study type	Watershed Plan	ning								
Study description	Perform H&H m	odeling, de	evelop conceptual alterna	tives and OPCC, a	and rank proje	ects;	selected bas	sed on HN	MAPs	
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No										
County Lipscomb			Watershed HUC#	ŧ (if known) -						
Drainage area (Sq	uare miles, est.)	936	Goal(s)	01000001, 01000	0002, 010000	05 <i>,</i> 0	1000006			
100-Year Flood	Risk Summary	/								
Population at risk	80		# of structures	100			Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Play	/a?	Yes	Other?	No	
Farm/Ranch land i	impacted (acres)	66,275		Roadway(s) im	pacted (lengt	h)	20			
Number of low wa	ater crossings	6		Historical road	closures		6			
Estimated Cost	and Funding	Availabilit	Ŋ							
Total Cost	\$500.000	Δ	mount of Available Fund	ng -		Fer	deral funding	availahil	lity No	

60 FME Area



Title Lipscomb County FIS

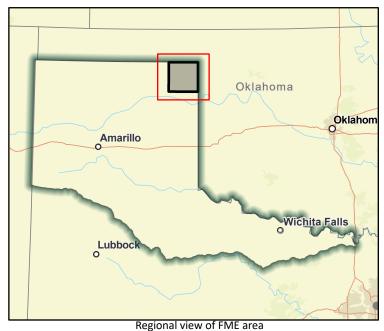
Funding source

-



ID# 011000033	011000033											
Sponsor (name of	f entity, not perso	n) <mark>Lipsco</mark>	mb (Cou	nty)								
RFPG recommend	d? <mark>Yes</mark>	Rea	son for R	ecommendation	Action aligns w	ith g	oals and m	eets TWDB	guidance			
Study Details												
Study type	Watershed Plan	ning										
Study description	Perform flood ir	raulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes										
New Hydrologic c	Emergency		Existi	ng/Anticipa	ited models	in near term	? Yes					
County Lipscom	0			Watershed HUC	C# (if known) -							
Drainage area (So	uare miles, est.)	936		Goal(s)	01000001, 010000	002						
100-Year Flood	l Risk Summary	/										
Population at risk	80			# of structures	5 100			Critical fa	cilities <mark>0</mark>			
Flood risk type:	Riverine? Yes		Coa	stal? <mark>No</mark>	Local? No		Playa	Yes	Other?	No		
Farm/Ranch land	impacted (acres)	66,275			Roadway(s) imp	oacte	ed (length)	ngth) 20				
Number of low water crossings 6 Historical road closures						ures	6					
Estimated Cos	t and Funding /	Availabi	lity									
Total Cost \$924,000 Amount of Available Funding -							F	ederal fund	ding availabi	lity No		

60 FME Area

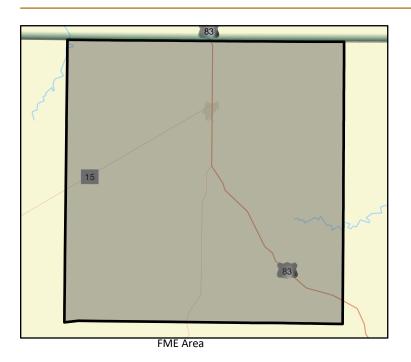


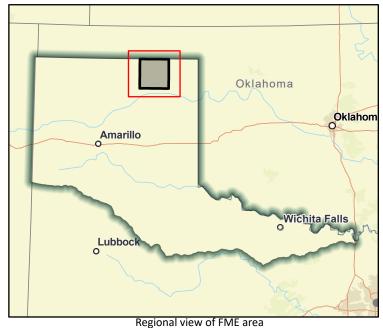
Title Ochiltree County FIS



ID# <mark>011000034</mark>											
Sponsor (name of	entity, not persor	ר) <mark>Ochiltr</mark>	ee (County)								
RFPG recommend	? Yes	Reas	son for Recommendation	Action aligns wi	ith goals and m	eets TWDB	guidance				
Study Details											
Study type	Watershed Plan	ning									
Study description	edescription Perform flood insurance study for the county and develop regulatory mapping										
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes											
County Ochiltree			Watershed HUC#	# (if known) <mark>-</mark>							
Drainage area (Squ	uare miles, est.)	923	Goal(s)	<mark>01000001, 010000</mark>	002						
100-Year Flood	Risk Summary	,									
Population at risk	658		# of structures	369		Critical fa	cilities <mark>1</mark>				
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa	Yes	Other?	No			
Farm/Ranch land i	mpacted (acres)	48,150		Roadway(s) imp	acted (length)	31					
Number of low wa	ter crossings	1		Historical road o	closures	1					
Estimated Cost	and Funding A	vailabil	ity								
Total Cost	\$859,000		Amount of Available Fund	ing -	F	ederal fund	ling availabi	lity No			

lotal Cost	\$859,000	Amount of Available Funding	-
Funding source	-		



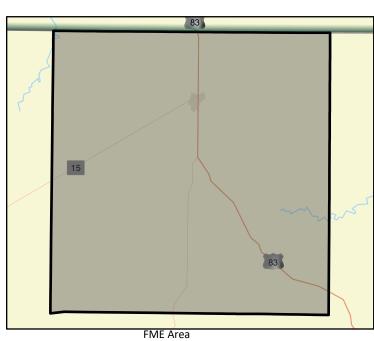


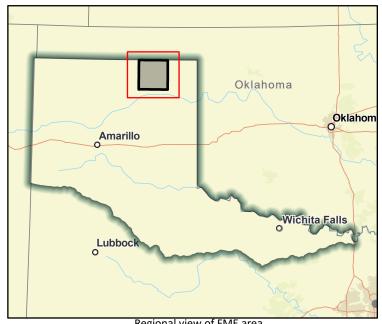
Title Ochiltree County Drainage Master Plan

Funding source

### CANADIAN REGIONAL FLOOD PLANNING GROUP

ID# 011000061									
Sponsor (name of	entity, not perso	n) <mark>Ochiltre</mark>	e (County)						
RFPG recommend	? Yes	Reaso	on for Recommendation	Action aligns with	h goals and me				
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform H&H m	odeling, de	evelop conceptual alterna	tives and OPCC, and	d rank projects	; selected bas	sed on HN	MAPs	
New Hydrologic or	Hydraulic mode	l? <mark>Yes</mark>	Emergency N	eed? <mark>No</mark>	Existin	g/Anticipated	l models	in near term	? No
County Ochiltree			Watershed HUC#	ŧ (if known) <mark>-</mark>					
Drainage area (Squ	are miles, est.)	923	Goal(s)	<mark>01000001, 0100000</mark>	) <mark>2, 01000005, (</mark>	01000006			
100-Year Flood	Risk Summary	/							
Population at risk	658		# of structures	369		Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	48,150		Roadway(s) impa	cted (length)	31			
Number of low wa	ter crossings	1		Historical road clo	osures	1			
Estimated Cost	and Funding A	Vailabili	Ŋ						
Total Cost	500 000	A	mount of Available Fundi	ng -	Fe	deral funding	availabil	lity No	



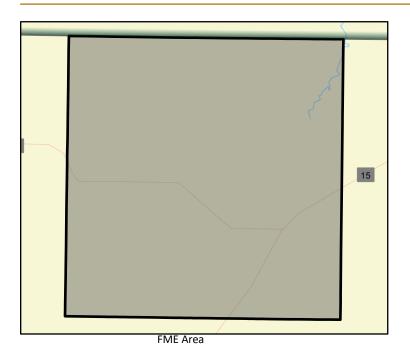


Title Hansford County FIS



ID# 011000035												
Sponsor (name of	entity, not perso	n) <mark>Hansf</mark>	ord (County)									
RFPG recommend	? Yes	Rea	son for Recommendation	Action aligns w	ith goals and me	eets TWDB g	guidance					
Study Details												
Study type	Watershed Plan	ning										
Study description	Perform flood ir	orm flood insurance study for the county and develop regulatory mapping raulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes										
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipate	ed models	in near term?	Yes			
County Hansford			Watershed HUC	# (if known) <mark>-</mark>								
Drainage area (Sq	uare miles, est.)	924	Goal(s)	01000001, 010000	002							
100-Year Flood	Risk Summary	/										
Population at risk	44		# of structures	38		Critical faci	ilities <mark>9</mark>					
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No	Playa?	Yes	Other?	No				
Farm/Ranch land i	impacted (acres)	44,978		Roadway(s) imp	npacted (length) 16							
Number of low water crossings     19     Historical road closures     19												
Estimated Cost	and Funding A	Availabi	lity									
Total Cost \$841,000 Amount of Available Funding -					Fe	ederal fundi	ng availabil	lity <mark>No</mark>				

Funding source -





Title Lakeview City Drainage Master Plan



ID# 011000067									
Sponsor (name of entity, not person)	Lakeview (Mu	nicipality)							
RFPG recommend? Yes	Reason for F	Recommendation	Action aligns wi	th goals and me	eets TWDB gu	idance			
Study Details									
Study type Watershed Planni	ng								
Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis									
New Hydrologic or Hydraulic model?	Yes	Emergency N	leed? No	Existin	g/Anticipated	d models i	in near term	I? No	
County Hall		Watershed HUC#	# (if known) <mark>1112</mark>	01050206					
Drainage area (Square miles, est.) <mark>0</mark>		Goal(s)	01000001, 010000	02, 01000005,	01000006				
100-Year Flood Risk Summary									
Population at risk 7		# of structures	10		Critical facili	ties <mark>0</mark>			
Flood risk type: Riverine? Yes	Coa	astal? <mark>No</mark>	Local? <mark>No</mark>	Playa?	No	Other?	No		
arm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 1									
Number of low water crossings 0	Imber of low water crossings 0 Historical road closures 0								
Estimated Cost and Funding Av	Estimated Cost and Funding Availability								

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability No
Funding source	-		



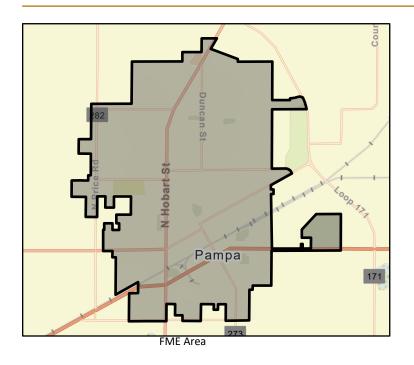


Title Pampa City Drainage Master Plan

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

ID# <mark>011000072</mark>										
Sponsor (name of	entity, not perso	n) <mark>Pampa (N</mark>	1unicipality)							
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	th goals and me	ets TWDB gu	iidance			
						_				
Study Details										
Study type	Watershed Plan	ning								
Study description	udy description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis									
New Hydrologic or	New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes									
County Gray			Watershed HUC#	# (if known) 1109	01060601, 1109	901060602 <i>,</i> 1	11203010	0303		
Drainage area (Squ	are miles, est.)	9	Goal(s)	01000001, 010000	02, 01000005, 0	01000006				
100-Year Flood	Risk Summary	/								
Population at risk	1,214		# of structures	148		Critical facili	ties <mark>0</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land i	mpacted (acres)	12		Roadway(s) imp	acted (length)	6				
Number of low wa	Jumber of low water crossings     1     Historical road closures     1									
Estimated Cost	stimated Cost and Funding Availability									

Total Cost	\$250,000	Amount of Available Funding -	Federal funding availability No
Funding source	-		





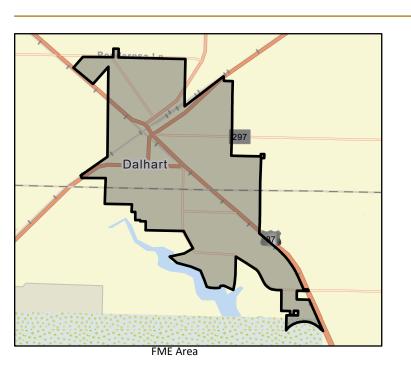
Title City of Dalhart GIS Development

Funding source

-

### CANADIAN REGIONAL FLOOD PLANNING GROUP

ID# 011000111											
Sponsor (name of	entity, not person)	Dalhart (N	/lunicipality)								
RFPG recommend	? Yes	Reason	for Recommendation	Action align	<mark>is with g</mark>	goals and me	eets TWDB g	uidance			
Study Details											
Study type	Other										
Study description	dy description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response										
New Hydrologic o	ew Hydrologic or Hydraulic model? No Emergency Need? No Existing/Anticipated models in near term? No										
County Hartley, D	Dallam		Watershed HUC#	# (if known) <mark>1</mark>	109010	30405, 110	901030406, :	11090103	0408		
Drainage area (Sq	uare miles, est.) <mark>5</mark>		Goal(s)	01000001, 010	00002						
100-Year Flood	Risk Summary										
Population at risk	2,054		# of structures	887			Critical facil	ities <mark>0</mark>			
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No		Playa?	Yes	Other?	No		
Farm/Ranch land i	impacted (acres) 4			Roadway(s)	impacte	ed (length)	21				
Number of low wa	ater crossings 1			Historical ro	ad closu	ures	1				
Estimated Cost	and Funding Av	ailability									
Total Cost	\$50,000	Am	ount of Available Fund	ing -		Fe	ederal fundin	g availabi	lity No		



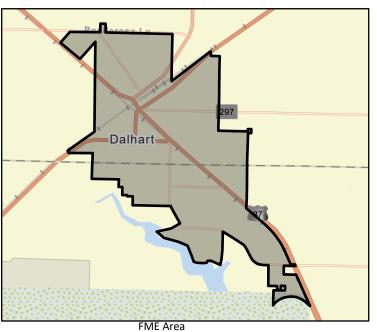


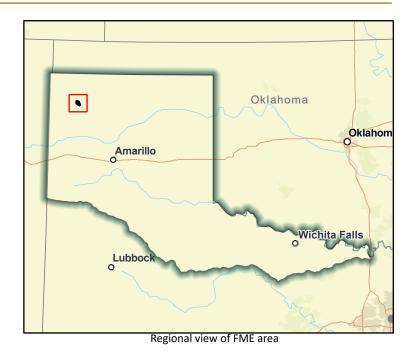
Title Dalhart City Drainage Master Plan



ID# <mark>011000099</mark>										
Sponsor (name of	entity, not person)	Dalhart (M	unicipality)							
RFPG recommend	? Yes	Reason f	or Recommendation	Action aligns w	vith goals and m	eets TWDB gu	idance			
Study Details										
Study type	Watershed Plannin	ng								
Study description	description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis									
New Hydrologic or	Jew Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No									
County Hartley, D	allam		Watershed HUC#	# (if known) 110	901030405, 110	901030406 <i>,</i> 1	1090103	0408		
Drainage area (Squ	are miles, est.) 5		Goal(s)	01000001, 01000	0002, 01000005,	01000006				
100-Year Flood	Risk Summary									
Population at risk	2,054		# of structures	887		Critical facili	ties <mark>0</mark>			
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land i	mpacted (acres) <mark>4</mark>			Roadway(s) im	pacted (length)	21				
Number of low water crossings         1         Historical road closures         1					1					
Estimated Cost	and Funding Av	ailability								

Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





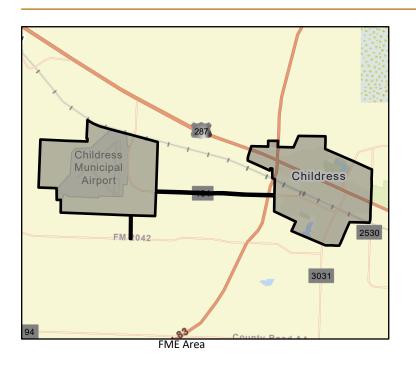
Title Childress City Drainage Master Plan

ID# 011000090

Funding source

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

#### Sponsor (name of entity, not person) Childress (Municipality) RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Study Details** Study type Watershed Planning Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No County Childress Watershed HUC# (if known) 111201050302, 111201050308, 111201050501, 111301010101, Drainage area (Square miles, est.) 8 Goal(s) 01000001, 01000002, 01000005, 01000006 **100-Year Flood Risk Summary** Population at risk 18 # of structures 8 Critical facilities 1 Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 2 Number of low water crossings 0 Historical road closures 0 **Estimated Cost and Funding Availability Total Cost** \$250,000 Amount of Available Funding -Federal funding availability No





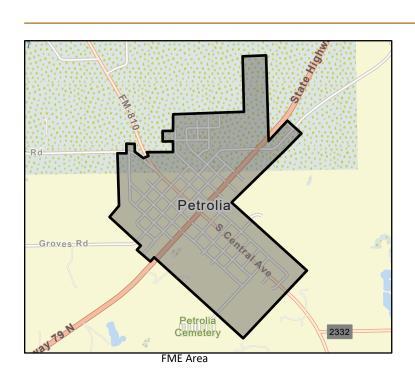
Title Petrolia City Drainage Master Plan

Funding source

-



ID# <mark>011000069</mark>									
Sponsor (name of	entity, not person)	Petrolia (	Municipality)						
RFPG recommend	? Yes	Reason	n for Recommendation	Action aligns wi	ith goals and m	neets TWDB	guidance		
Study Details									
Study type	Watershed Planni	ng							
Study description	Perform H&H mod	deling, dev	velop conceptual alterna	tives and OPCC, a	nd rank project	ts; selected	based on the	e needs ana	lysis
New Hydrologic o	r Hydraulic model?	Yes	Emergency N	eed? <mark>No</mark>	Existi	ing/Anticipa	ited models	in near term	I? No
County <mark>Clay</mark>			Watershed HUC#	ŧ (if known) <mark>1113</mark>	302060502, 11	1302060503	3, 11130209	0508	
Drainage area (Sq	uare miles, est.) <mark>1</mark>		Goal(s)	<mark>01000001, 010000</mark>	002, 01000005	<mark>, 01000006</mark>			
100-Year Flood	Risk Summary								
Population at risk	0		# of structures	0		Critical fa	cilities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa	? No	Other?	No	
Farm/Ranch land i	impacted (acres) <mark>0</mark>			Roadway(s) imp	oacted (length)	0			
Number of low wa	ater crossings 0			Historical road o	closures	0			
Estimated Cost	and Funding Av	ailability	1						
Total Cost	\$250,000	Ar	nount of Available Fundi	ng -	F	- ederal fund	ding availabil	lity No	





Title Canadian City Drainage Master Plan

#### ID# 011000071

Sponsor (name of entity, not person) Canadian (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

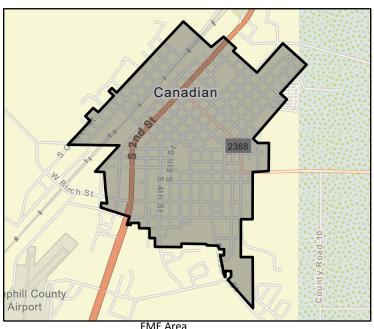
REGION CANADIAN

REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type Watershed Planning   Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs   New Hydrologic or Hydraulic model? Yes Emergency Need? No   Emergency Need? No Existing/Anticipated models in near term? No   County Hemphill Watershed HUC# (if known) 110901060801   Drainage area (Square miles, est.) 1 Goal(s) 0100001, 0100002, 01000005, 01000005   Toto-Year Flood Risk Summary   Population at risk 12 # of structures 10   Critical facilities 0   Flood risk type: Riverine? Yes   Roadway(s) impacted (length) 0										
New Hydrologic or Hydraulic model? Yes       Emergency Need? No       Existing/Anticipated models in near term? No         County Hemphill       Watershed HUC# (if known) 110901060801       Image area (Square miles, est.) 1       Goal(s) 0100001, 01000002, 01000005, 01000006         Drainage area (Square miles, est.) 1       Goal(s) 0100001, 01000002, 01000005, 01000006       Image area (Square miles, est.) 1         100-Year Flood Risk Summary       Population at risk 12       # of structures 10       Critical facilities 0         Flood risk type:       Riverine? Yes       Coastal? No       Local? No       Playa? No       Other? No	Study type	Watershed Planning	Watershed Planning							
County Hemphill       Watershed HUC# (if known) 110901060801         Drainage area (Square miles, est.) 1       Goal(s) 01000001, 01000002, 01000005, 01000006 <b>100-Year Flood Risk Summary</b> Population at risk 12       # of structures 10       Critical facilities 0         Flood risk type:       Riverine? Yes       Coastal? No       Playa? No       Other? No	Study description	Perform H&H modeling, dev	elop conceptual alterna	atives and OP	CC, and rank projec	ts; selected ba	sed on Hl	MAPs		
Drainage area (Square miles, est.) 1       Goal(s)       01000001, 01000002, 01000005, 01000006         IOD-Year Flood Risk Summary         Population at risk       12       # of structures       10       Critical facilities       0         Flood risk type:       Riverine? Yes       Coastal? No       Local? No       Playa?       No       Other?       No	New Hydrologic o	r Hydraulic model? Yes	Emergency N	leed? <mark>No</mark>	Exist	ing/Anticipate	d models	in near tern	n? <mark>No</mark>	
IOD-Year Flood Risk Summary       Population at risk 12     # of structures 10     Critical facilities 0       Flood risk type:     Riverine? Yes     Coastal? No     Local? No     Playa?     No     Other? No	County <mark>Hemphill</mark>		Watershed HUC	# (if known)	110901060801					
Population at risk     12     # of structures     10     Critical facilities     0       Flood risk type:     Riverine?     Yes     Coastal?     No     Local?     No     Playa?     No     Other?     No	Drainage area (Square miles, est.) 1 Goal(s) 01000001, 01000002, 01000005, 01000006									
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No										
	Population at risk	12	# of structures	10		Critical facili	ties <mark>0</mark>			
Farm/Ranch land impacted (acres)    1    Roadway(s) impacted (length)    0	Flood risk type:	Riverine? <mark>Yes</mark>	Coastal? No	Local? No	Playa	? No	Other?	No		
	Farm/Ranch land	impacted (acres) 1		Roadway(	s) impacted (length	0				
Number of low water crossings         0         Historical road closures         0		ater crossings		Historical	road closures	0				

Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





FME Area

Title Clarendon City Drainage Master Plan

### **REGION** CANADIAN PPER RED PLANNING GROUP

#### ID# 011000064 Sponsor (name of entity, not person) Clarendon (Municipality) RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Study Details** Study type Watershed Planning Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains and playa lakes. New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No County Donley Watershed HUC# (if known) 111202010203, 111202010204 Drainage area (Square miles, est.) 3 Goal(s) 01000001, 01000002, 01000005, 01000006 **100-Year Flood Risk Summary** Population at risk 436 # of structures 128 Critical facilities 2 Playa? Yes Flood risk type: Riverine? Yes Coastal? No Local? No Other? No Farm/Ranch land impacted (acres) 7 Roadway(s) impacted (length) 9 Number of low water crossings 3 Historical road closures 3 **Estimated Cost and Funding Availability**







Title City of Clarendon GIS Development



ID# <mark>011000102</mark>	D# 011000102									
Sponsor (name of	entity, not perso	n) <mark>Clarendor</mark>	n (Municipality)							
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	ith goals and me	eets TWDB gu	idance			
Study Details										
Study type	Other									
Study description	Develop GIS inve	entory and c	ondition assessment fo	r flood infrastructu	ire; selected bas	ed on survey	response			
		2				<i>(</i> <b>1</b> ,				
New Hydrologic or	Hydraulic mode	? No	Emergency N	leed? No	Existin	g/Anticipated	d models ii	n near term	? No	
County Donley			Watershed HUC#	# (if known) <mark>1112</mark>	202010203, 1112	202010204				
Drainage area (Squ	are miles, est.)	3	Goal(s)	01000001, 010000	002					
100-Year Flood	Risk Summary	,								
Population at risk	436		# of structures	128		Critical facili	ties <mark>2</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land in	mpacted (acres)	7		Roadway(s) imp	acted (length)	9				
Number of low wa	ter crossings	3		Historical road o	closures	3				
Estimated Cost	and Funding A	vailability								
	0	,								

Total Cost\$50,000Amount of Available Funding-Federal funding availabilityNoFunding source---<td





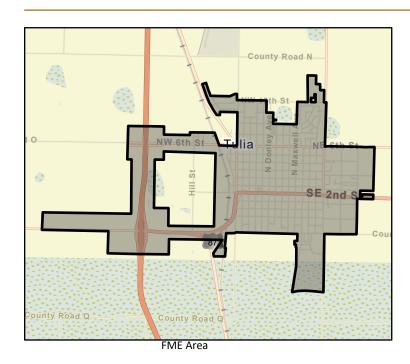
FME Area

Title Tulia City Drainage Master Plan



ID# <mark>011000074</mark>									
Sponsor (name of	entity, not person)	) <mark>Tulia (Mur</mark>	nicipality)						
RFPG recommend? Yes Reason for Recommendation Action aligns with goals ar							uidance		
Study Details									
Study type	Watershed Plann	ing							
Study description	Perform H&H mo	deling, dev	elop conceptual alterna	atives and OPCC, a	nd rank projects	s; selected ba	ased on su	rvey respon	ses
New Hydrologic o	r Hydraulic model?	Yes	Emergency N	leed? No	Existin	ng/Anticipate	d models	in near term	I? No
County <mark>Swisher</mark>			Watershed HUC#	# (if known) <mark>1112</mark>	201040204, 111	201040205,	11120104	<mark>0206, 11120</mark>	1040304
Drainage area (Sq	uare miles, est.) <mark>4</mark>		Goal(s)	01000001, 010000	002,01000005,	01000006			
100-Year Flood	Risk Summary								
Population at risk	0		# of structures	5		Critical faci	ities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres) 1	1		Roadway(s) imp	pacted (length)	5			
Number of low wa	ater crossings	)		Historical road o	closures	0			
Estimated Cost	and Funding A	vailability							
Total Cost	\$250.000	Am	ount of Available Fund	ing -	Fe	ederal fundir	ıg availabil	lity No	

Funding source -





Title Windthorst City Drainage Master Plan

#### ID# 011000068

Sponsor (name of entity, not person) Windthorst (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

CANADIAN

REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type Watershed Planning								
Study description Perform H&H modeling, de	velop conceptual alterna	atives and OPCC, and ra	ank projects	; selected bas	sed on HI	MAPs		
New Hydrologic or Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	d models	in near term	? Yes	
County Clay, Archer	Watershed HUC	# (if known) <mark>1113020</mark>	90301, 111	302090302				
Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002, 01000005, 01000006								
100-Year Flood Risk Summary								
Population at risk 0	# of structures	0		Critical facili	ties <mark>0</mark>			
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa?	No	Other?	No		
Farm/Ranch land impacted (acres) 1		Roadway(s) impacte	ed (length)	0				
Number of low water crossings 0		Historical road closu	ires	0				

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding -	Federal funding availability No
Funding source	-		





FME Area

Title Hereford City Drainage Master Plan

#### ID# 011000078

Sponsor (name of entity, not person) Hereford (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

**REGION** CANADIAN

PPER RED

REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type	Watershed Planni	ing							
Study description	Perform H&H mo	deling, devel	op conceptual alterna	tives and OP	CC, and rank projects	; selected bas	sed on su	rvey respon	es
New Hydrologic o	r Hydraulic model?	Yes	Emergency N	eed? <mark>No</mark>	Existin	g/Anticipated	l models	in near term	? No
County Deaf Smit	:h		Watershed HUC#	t (if known)	<mark>111201010505, 1112</mark>	201010507			
Drainage area (Squ	uare miles, est.) <mark>6</mark>		Goal(s)	01000001, 0	1000002,01000005,0	01000006			
100-Year Flood Risk Summary									
Population at risk	83		# of structures	19		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes	C	Coastal? <mark>No</mark>	Local? No	Playa?	Yes	Other?	No	
Flood risk type: Farm/Ranch land i			Coastal? No		Playa? s) impacted (length)	Yes 2	Other?	No	
	mpacted (acres) 7	,	Coastal? No	Roadway(			Other?	No	

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability <mark>No</mark>
Funding source	-		





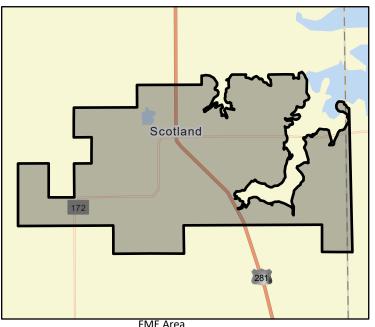
FME Area

Title Scotland City Drainage Master Plan

### **REGION** CANADIAN JPPER RED REGIONAL FLOOD PLANNING GROUP

ID# <mark>011000079</mark>									
Sponsor (name of entity,	not person) <mark>Sc</mark>	cotland (Mu	nicipality)						
RFPG recommend? Yes		Reason for	Recommendation	Action aligns with goals and meets TWDB guidance					
Study Details									
Study type Water	shed Planning								
Study description Perfor	m H&H model	ing, develop	o conceptual altern	atives and OPCC, a	nd rank projects	; selected b	ased on HN	ЛАРs	
New Hydrologic or Hydra	ulic model? Y	es	Emergency N	leed? No	Existin	g/Anticipate	ed models i	in near term	1? <mark>Yes</mark>
County Clay, Archer			Watershed HUC	# (if known) 1113	302090207, 111	302090208,	11130209	0301, 11130	)2090302,
Drainage area (Square mi	les, est.) <mark>10</mark>		Goal(s)	01000001, 01000	002,01000005,	01000006			
100-Year Flood Risk S	ummary								
Population at risk 0			# of structures	0		Critical faci	lities <mark>0</mark>		
Flood risk type: River	ne? <mark>Yes</mark>	Со	astal? <mark>No</mark>	Local? No	Playa?	No	Other?	No	
Farm/Ranch land impacte	d (acres) 27			Roadway(s) imp	pacted (length)	0			
Number of low water cro	ssings <mark>1</mark>			Historical road	closures	1			
Estimated Cost and F	unding Avai	lability							
Total Cost \$250.00	0	Απουι	nt of Available Fund	ing	Fé	deral fundi	ng ayailahil		

Funding source -	Iotal Cost	\$250,000	Amount of Available Funding	Federal funding availability No
	Funding source	-		





FME Area

Title Lefors City Drainage Master Plan

ID# 011000080

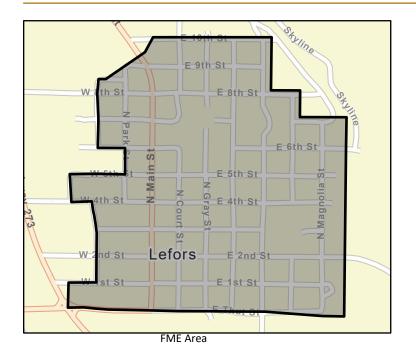


#### Sponsor (name of entity, not person) Lefors (Municipality) RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Study Details** Study type Watershed Planning Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes County Gray Watershed HUC# (if known) 111203010305 Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002, 01000005, 01000006

#### **100-Year Flood Risk Summary** Critical facilities 0 Population at risk 28 # of structures 18 Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 1 Number of low water crossings 0 Historical road closures 0

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding -	Federal funding availability	No
Funding source				





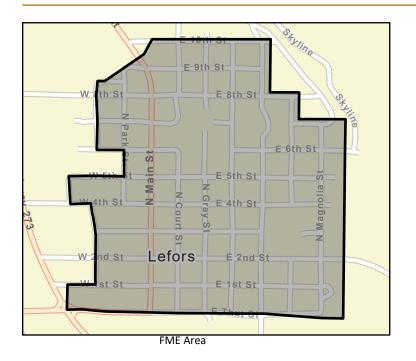
Title City of Lefors GIS Development



ID# 011000106									
Sponsor (name of	entity, not persor	) Lefors (M	unicipality)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	ith goals and me	ets TWDB gu	idance		
Study Details									
Study type	Other								
Study description	Develop GIS inve	ntory and co	ondition assessment fo	r flood infrastructu	ire; selected bas	ed on survey	response		
New Hydrologic or	Hydraulic model	? No	Emergency N	leed? No	Existin	g/Anticipated	d models i	n near term	I? Yes
County Gray			Watershed HUC#	# (if known) <mark>1112</mark>	03010305				
Drainage area (Squ	uare miles, est.) (	)	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summary								
Population at risk	28		# of structures	18		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acros)	1		Roadway(s) imp		1			
	,	1				1			
Number of low wa	ter crossings	0		Historical road o	closures	0			
<b>Estimated Cost</b>	and Funding A	vailability							

 Total Cost
 \$50,000
 Amount of Available Funding
 Federal funding availability
 No

 Funding source



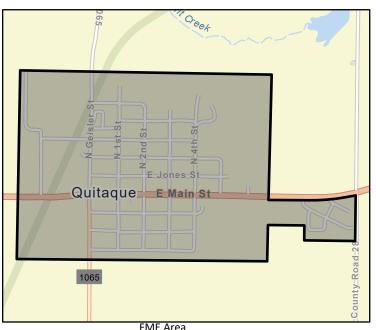


Title Quitaque City Drainage Master Plan

### CANADIAN REGIONAL FLOOD PLANNING GROUP

ID# <mark>011000062</mark>									
Sponsor (name of	entity, not perso	n) <mark>Quitaque</mark>	(Municipality)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wit	h goals and me	ets TWDB g	uidance		
						_			
Study Details									
Study type	Watershed Plan	ning							
Study description	Perform H&H m	odeling, dev	elop conceptual alterna	atives and OPCC, and	d rank projects	; selected ba	sed on the	e needs ana	ysis
New Hydrologic or	Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>	Existin	g/Anticipate	d models i	in near term	? No
County Briscoe			Watershed HUC#	# (if known) <mark>11130</mark>	1030209, 1113	301030304			
Drainage area (Squ	are miles, est.)	1	Goal(s)	01000001, 0100000	) <mark>2, 01000005, (</mark>	01000006			
100-Year Flood	Risk Summary	/							
Population at risk	1		# of structures	2		Critical facil	ities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	0		Roadway(s) impa	cted (length)	0			
Number of low wa	ter crossings	0		Historical road cl	osures	0			
Estimated Cost	and Funding /	Availability							

Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





FME Area

Title Silverton City Drainage Master Plan

#### ID# 011000077

Sponsor (name of entity, not person) Silverton (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

**REGION** CANADIAN

PPER RED

**REGIONAL FLOOD** PLANNING GROUP

#### **Study Details**

Study type	Watershed Planning							
Study description	Perform H&H modeling, dev issues with many natural fea	• •	atives and OPCC, and ra	nk projects	; selected bas	sed on su	rvey respon:	ses reporting
New Hydrologic or	Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	l models	in near term	? No
County Briscoe		Watershed HUC#	# (if known) 11130103	80101				
Drainage area (Squ	are miles, est.) <mark>1</mark>	Goal(s)	Goal(s) 01000001, 01000002, 01000005, 01000006					
<b>100-Year Flood</b> Population at risk		# of structures	0		Critical facili	ties 0		
						-		
Flood risk type:	Riverine? No	Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land in	mpacted (acres) <mark>0</mark>		Roadway(s) impacted	d (length)	) 0			
Number of low wa	ter crossings 0		Historical road closu	res	0			
Estimated Cost	and Funding Availability	,						

Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





Title City of Silverton GIS Development



ID# 011000105									
Sponsor (name of	entity, not person)	Silverton (I	Municipality)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	th goals and me	ets TWDB g	uidance		
						_			
Study Details									
Study type	Other								
Study description	Develop GIS invent	tory and co	ndition assessment for	r flood infrastructu	re; selected bas	ed on survey	/ response		
New Hydrologic or	Hydraulic model?	No	Emergency N	eed? <mark>No</mark>	Existin	g/Anticipate	d models i	in near term?	No
County Briscoe			Watershed HUC#	t (if known) 1113	01030101				
Drainage area (Squ	are miles, est.) 1		Goal(s)	<mark>01000001, 010000</mark>	02				
100-Year Flood	Risk Summary								
Population at risk	0		# of structures	0		Critical facil	ities <mark>0</mark>		
Flood risk type:	Riverine? No		Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land in	mpacted (acres) 0			Roadway(s) imp	acted (length)	0			
Number of low wa	ter crossings 0			Historical road c	losures	0			
Estimated Cost	and Funding Av	ailability							

Total Cost Amount of Available Funding -Federal funding availability No \$50,000 Funding source -





Title East Amarillo Creek Project Planning - St. Francis Ave. Tributary Channel Reach (City of Amarillo)



#### ID# 011000116

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

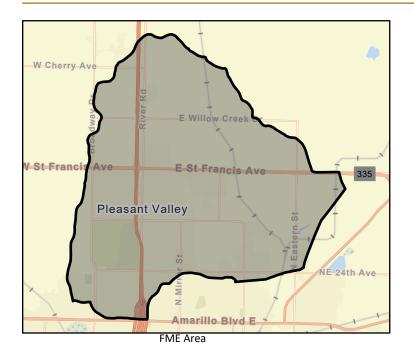
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning	B								
, ,		• •	penefits, evaluate impa Project identified from 3	0	0	iprovemen	its include ins	talling 5-	barrel, 5'x3' d	oncrete boxes,
New Hydrologic or	Hydraulic mode	I? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	models	in near term	? Yes
County Potter			Watershed HUC#	‡ (if known)	11090105	0402				
Drainage area (Squ	are miles, est.)	19	Goal(s)	01000003, 0	1000004					
<b>100-Year Flood</b> Population at risk		/	# of structures	198			Critical facili	ies <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land ii	mpacted (acres)	182		Roadway(	s) impacted	(length)	11			
Number of low wa	ter crossings	0		Historical	road closur	es	0			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	84,375	Federal funding availability	Yes
Funding source	Amarillo				





Title East Amarillo Creek Project Planning - Echo Street Tributary Channel Reach (City of Amarillo)



#### ID# 011000117

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

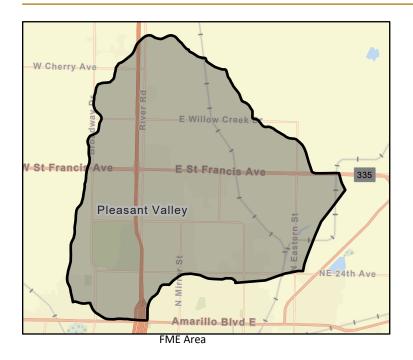
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning									
Study description		• •	benefits, evaluate impa ising the road, and imp	0	0	•	•	0		ete box, installing
New Hydrologic or	Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	models	in near term	Yes
County <mark>Potter</mark>			Watershed HUC#	# (if known)	11090105	0402				
Drainage area (Squ	iare miles, est.)	19	Goal(s)	01000003, 0	1000004					
100-Year Flood	Risk Summary	/								
Population at risk	395		# of structures	198			Critical facilit	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	182		Roadway(	s) impacted	(length)	11			
Number of low wa	ter crossings	0		Historical	road closur	es	0			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	112,500	Federal funding availability	Yes
Funding source	Amarillo				





Title Culverts: Various Locations (City of Amarillo)

#### ID# 011000119

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

CANADIAN

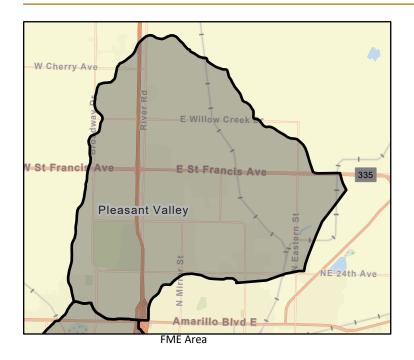
REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type	Project Planning									
· ·	Evaluate project DMP.	to quantify l	benefits, evaluate impa	cts and begir	n design. Im	nprovemen	its to culverts	. Project	identified fror	n 2019 Amarillo
New Hydrologic or	Hydraulic model	? <mark>Yes</mark>	Emergency N	leed? No		Existin	g/Anticipated	models	in near term?	Yes
County Potter			Watershed HUC#	ŧ (if known)	11090105	0402				
Drainage area (Squa	are miles, est.)	19	Goal(s)	01000003, 0	1000004					
100-Year Flood F	Risk Summary	1								
Population at risk	395		# of structures	198			Critical facilit	ies <mark>1</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land im	npacted (acres)	182		Roadway(	s) impacted	l (length)	11			
Number of low wat	er crossings	0		Historical	road closur	es	0			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	618,250	Federal funding availability	Yes
Funding source	Amarillo				





Title West Amarillo Creek Project Planning - Amarillo Country Club Channel Reach (City of Amarillo)



#### ID# 011000120

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

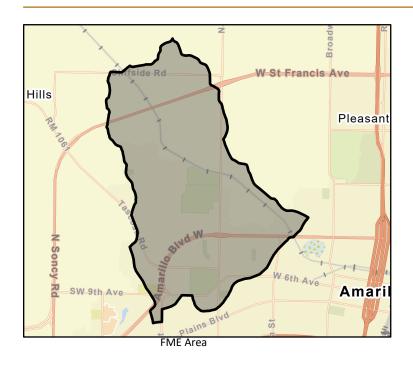
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning	5							
Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvement includes installing and replacing concrete box improving the channel, and replacing 2 driveway structures. Project identified from 2019 Amarillo DMP.									
New Hydrologic or	Hydraulic model	I? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>	Existin	g/Anticipated	l models i	in near term	i? Yes
County Potter			Watershed HUC	Watershed HUC# (if known) 110901050308					
Drainage area (Square miles, est.) 10 Goal(s) 01000003, 01000004									
100-Year Flood	Risk Summary	/							
Population at risk	165		# of structures	69		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	124		Roadway(s) impa	cted (length)	3			
Number of low wa	ter crossings	2		Historical road cl	osures	2			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	141,000	Federal funding availability	Yes
Funding source	Amarillo				





Regional view of FME area

Title West Amarillo Creek Project Planning - Partridge/Cloud Crest Channel Reach (City of Amarillo)



#### ID# 011000121

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning	5							
Study description			benefits, evaluate impa Project identified from	acts and begin design. Ir 2019 Amarillo DMP.	nprovemer	nts to West Ar	narillo Cr	eek Study Ai	ea - Partridge/
New Hydrologic or	Hydraulic model	l? Yes	Emergency N	leed? No	Existin	g/Anticipated	models	in near term	? Yes
County Potter			Watershed HUC	Natershed HUC# (if known) 110901050308					
Drainage area (Squ	are miles, est.)	11	Goal(s)	Goal(s) 01000003, 01000004					
100-Year Flood	Risk Summary	/							
Population at risk	1,974		# of structures	48		Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	188		Roadway(s) impacte	d (length)	5			
Number of low water crossings 2			Historical road closures		ires 2				

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	142,750	Federal funding availability	Yes
Funding source	Amarillo				





Title Quail Creek Channel from Plum Creek Storm Channel Reach (City of Amarillo)



ID# 011000122	
Sponsor (name of entity, not person	) Amarillo (Municipality)
RFPG recommend? Yes	Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning	B									
Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Quail Creek Channel from Plum Creek Storm Channel Reach. Project identified from 2019 Amarillo DMP.									m Creek Storm		
New Hydrologic or	New Hydrologic or Hydraulic model? Yes			Emergency Need? No			Existing/Anticipated models in near term?				
County Potter			Watershed HUC#	Natershed HUC# (if known) 110901050308							
Orainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004											
100-Year Flood	Risk Summary	/									
Population at risk	1,974		# of structures	48		Critical facili	ties <mark>1</mark>				
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No			
Farm/Ranch land i	mpacted (acres)	188		Roadway(s) impac	ted (length)	5					
Number of low water crossings 2			Historical road closures		2						

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	87,500	Federal funding availability	Yes
Funding source	Amarillo				





Title East Amarillo Creek Project Planning - Lower East Amarillo Creek Channel Reach (City of Amarillo)



#### ID# 011000123

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

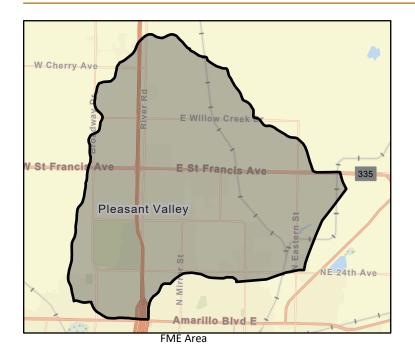
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning	S								
, ,	from 2019 Amarillo DMP.								Project identified	
New Hydrologic or	Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No		Existing	g/Anticipated	models	in near term	Yes
County Potter			Watershed HUC#	Watershed HUC# (if known) 110901050402						
Drainage area (Squ	are miles, est.)	19	Goal(s)	Goal(s) 01000003, 01000004						
<b>100-Year Flood</b> Population at risk Flood risk type: Farm/Ranch land in Number of low wa	395 Riverine? Yes npacted (acres)		# of structures Coastal? <mark>No</mark>	Local? No Roadway(s	i) impacted	Playa? (length)	Critical facilit No 11 0	ies <mark>1</mark> Other?	No	
		·					•			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	396,000	Federal funding availability	Yes
Funding source	Amarillo				





Title East Amarillo Creek Project Planning - Hastings Ave. to River Road Channel Reach (City of Amarillo)



#### ID# 011000124

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

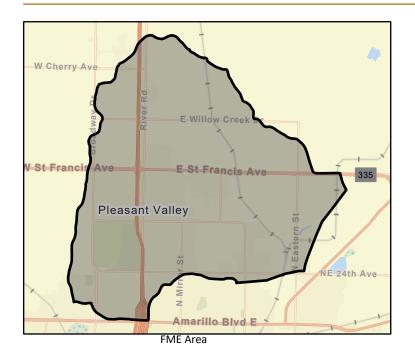
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type F	Project Planning									
· ·		• •	penefits, evaluate impa nd improving the chan	0	<b>o</b> .			0	ditional cor	icrete boxes, a
New Hydrologic or Hydraulic model? Yes			Emergency N	Emergency Need? No			g/Anticipated	models i	in near term	n? Yes
County Potter			Watershed HUC#	Watershed HUC# (if known) 110901050402						
Drainage area (Squa	Orainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004									
100-Year Flood R	lisk Summary	,								
Population at risk	395		# of structures	198			Critical facilit	ies <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land im	pacted (acres)	182		Roadway(s	s) impacted (	(length)	11			
Number of low water crossings 0			Historical road closures		s	0				

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	588,000	Federal funding availability	Yes
Funding source	Amarillo				





Title East Amarillo Creek Project Planning - Valley Park Tributary Channel Reach (City of Amarillo)



#### ID# 011000125

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

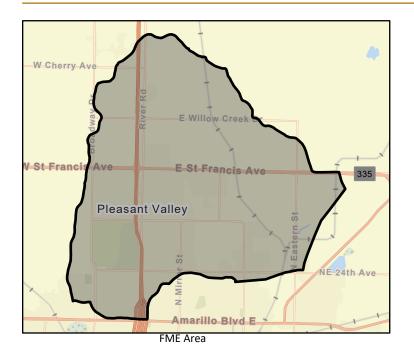
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning									
Study description	n Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include modifying and installing concrete boxes, raising roads, and improving channels. Project identified from 2019 Amarillo DMP.									
New Hydrologic or	Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No		Existin	g/Anticipated	models i	in near term	I? Yes
County Potter		Watershed HUC#	Watershed HUC# (if known) 110901050402							
Drainage area (Squ	iare miles, est.)	19	Goal(s)	01000003, 0	1000004					
100-Year Flood	Risk Summary	/								
Population at risk	395		# of structures	198			Critical facilit	ies <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	182		Roadway(	s) impacted	(length)	11			
Number of low wa	ter crossings	0		Historical	road closur	es	0			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	201,500	Federal funding availability	Yes
Funding source	Amarillo				





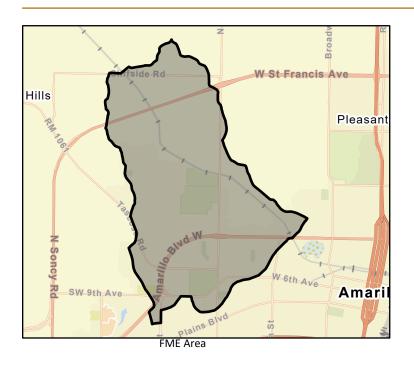
ID# 011000127

Title West Amarillo Creek Project Planning - Westcliff Channel Reach (City of Amarillo)



10# 011000127									
Sponsor (name of	entity, not perso	n) <mark>Amarillo (</mark>	Municipality)						
RFPG recommend	? <mark>Yes</mark>	Reason	for Recommendation	Action aligns with	goals and me	ets TWDB g	uidance		
Study Details									
Study type	Project Planning	3							
Study description	Evaluate projec	t to quantify	benefits, evaluate impa	acts and begin design	. Improvemer	nts include 2	additiona	36" RCP at	Kouba Drive and
	improving chan	nel from W. 9	9th Ave to Kouba Dr. Pr	oject identified from	2019 Amarillo	DMP.			
New Hydrologic or	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	Need? No	Existin	g/Anticipate	d models	in near term	1? Yes
County Potter			Watershed HUC	# (if known) 110901	1050308				
Drainage area (Squ	uare miles, est.)	10	Goal(s)	01000003, 01000004	4				
100-Year Flood	Risk Summar	/							
Population at risk	165		# of structures	69		Critical facil	ities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No	
<i>,</i> ,							other	NO	
Farm/Ranch land i	mpacted (acres)	124		Roadway(s) impac	cted (length)	3			
Number of low wa	ter crossings	2		Historical road clo	sures	2			
<b>Estimated Cost</b>	and Funding	Availabilitv							

# Total Cost \$250,000 Amount of Available Funding 73,750 Federal funding availability Yes Funding source Amarillo





Title West Amarillo Creek Project Planning - Wolfin Avenue Channel Reach (City of Amarillo)



#### ID# 011000128

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning	5								
Study description	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include additional RCPs, installing concrete boxes, improving channel, and installing RCP with inlet and outlet structure. Project identified from 2019 Amarillo DMP.									
New Hydrologic or	Hydraulic model	I? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	l models	in near term?	Yes
County Potter		Watershed HUC	Watershed HUC# (if known) 110901050308							
Drainage area (Squ	are miles, est.)	11	Goal(s)	Goal(s) 01000003, 01000004						
100-Year Flood	,	/	_							
Population at risk	1,974		# of structures	48			Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	188		Roadway(	s) impacted	d (length)	5			
Number of low wa	ter crossings	2		Historical	road closu	res	2			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	577,500	Federal funding availability	Yes
Funding source	Amarillo				





Title West Amarillo Creek Project Planning - Tascosa/Westwood Channel Reach (City of Amarillo)



#### ID# 011000129

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

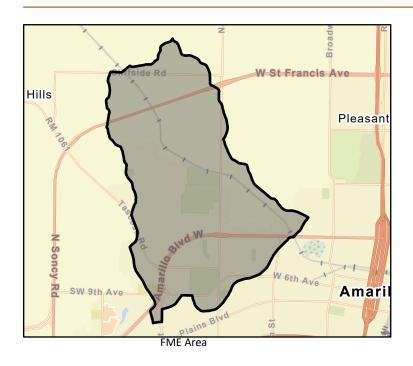
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning	5								
Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to West Amarillo Creek Study Area - Tasco Westwood Channel Reach. Project identified from 2019 Amarillo DMP.										rea - Tascosa/
New Hydrologic or	Hydraulic mode	I? <mark>Yes</mark>	Emergency N	Need? No		Existing	g/Anticipated	l models i	in near term	I? Yes
County Potter			Watershed HUC	Watershed HUC# (if known) 110901050308						
Drainage area (Square miles, est.) 10 Goal(s) 01000003, 01000004										
100-Year Flood	Risk Summary	/								
Population at risk	165		# of structures	69			Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	124		Roadway(	s) impacted	l (length)	3			
Number of low wa	ter crossings	2		Historical	road closur	es	2			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	160,500	Federal funding availability	Yes
Funding source	Amarillo				





Regional view of FME area

Title East Amarillo Creek Project Planning - Ross Rogers Tributary Channel Reach (City of Amarillo)



#### ID# 011000130

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

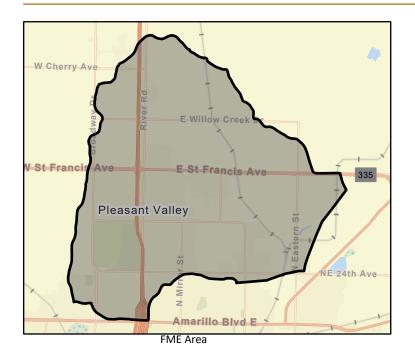
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning										
Study description	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include replacing arch CMP with conc raising roads, and installing an additional concrete box. Project identified from 2019 Amarillo DMP.								n concrete boxes,		
New Hydrologic or	Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No		Existin	g/Anticipated	models	in near term	? Yes	
County Potter			Watershed HUC#	Watershed HUC# (if known) 110901050402							
Drainage area (Squ	are miles, est.)	Goal(s)	01000003, 01	1000004							
100-Year Flood	Risk Summary	/									
Population at risk	395		# of structures	198			Critical facilit	ties <mark>1</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No		
Farm/Ranch land ii	mpacted (acres)	182		Roadway(s	s) impacted	(length)	11				
Number of low wa	ter crossings	0		Historical r	road closure	es	0				

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	129,250	Federal funding availability	Yes
Funding source	Amarillo				





Regional view of FME area

Title Wild Horse Lake Project Planning (City of Amarillo)

# REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

### ID# 011000138

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

## **Study Details**

Study type	Project Planning									
Study description		• •	enefits, evaluate impa ject identified from 20	0	0	provemen	ts include ad	ding a 30	" relief culve	rt and a new
New Hydrologic or	Hydraulic model	I? Yes	Emergency N	leed? No		Existin	g/Anticipated	d models	in near term	? Yes
County <mark>Potter</mark>			Watershed HUC	# (if known)	110901050	0402				
Drainage area (Squ	uare miles, est.)	4	Goal(s)	<mark>01000003, 01</mark>	000004					
100-Year Flood	Risk Summary	1								
Population at risk	297		# of structures	30			Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? <mark>No</mark>	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	0		Roadway(s	) impacted	(length)	2			
Number of low wa	ter crossings	0		Historical r	oad closure	es	0			
Ectimated Cost	and Euroding (	voilability								

## **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	99,750	Federal funding availability	Yes
Funding source	Amarillo				





Title West Amarillo Creek Project Planning - AISD/B I-40/MediPark (City of Amarillo)



ID#	011000139
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Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type	Project Planni	ng								
Study description		• •	penefits, evaluate impa from 2019 Amarillo DN	0	n design. Im	provemen	its to West Ar	narillo Cr	eek Study Ai	rea - AISD/B I-40/
New Hydrologic or	Hydraulic mod	lel? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	models	in near term	? Yes
County Potter			Watershed HUC#	# (if known)	110901050	0308				
Drainage area (Squ	are miles, est.)	11	Goal(s)	01000003, 0	1000004					
100-Year Flood	Risk Summa	ry								
Population at risk	1,974		# of structures	48			Critical facilit	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes	5	Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres	5) 188		Roadway(	(s) impacted	(length)	5			
Number of low wa	ter crossings	2		Historical	road closure	es	2			

Total Cost	\$250,000	Amount of Available Funding	383,250	Federal funding availability	Yes
Funding source	Amarillo				





Title East Amarillo Creek Project Planning - North Bolton St. Storm Sewer (City of Amarillo)



#### ID# 011000140

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

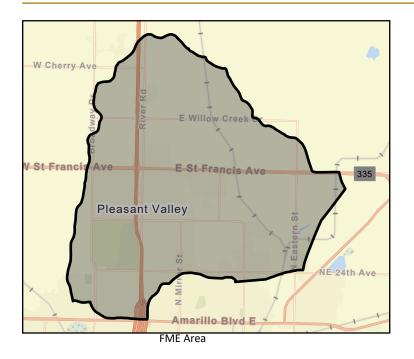
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning									
Study description	Evaluate project Project identifie	• •	penefits, evaluate impa Amarillo DMP.	icts and begir	n design. Im	nprovemen	its include ad	ding 1 ne	w 42" RCP ar	d 2 new 48" RCP.
New Hydrologic or	Hydraulic mode	? Yes	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	models	in near term	Yes
County Potter			Watershed HUC#	# (if known)	11090105	0402				
Drainage area (Squ	are miles, est.)	19	Goal(s)	<mark>01000003, 0</mark>	1000004					
100-Year Flood I	Risk Summary	1								
Population at risk	395		# of structures	198			Critical facilit	ies <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land ir	npacted (acres)	182		Roadway(	s) impacted	l (length)	11			
Number of low wat	ter crossings	0		Historical	road closur	es	0			

Total Cost	\$250,000	Amount of Available Funding	166,250	Federal funding availability	Yes
Funding source	Amarillo				





Title Culverts: Various Locations (City of Amarillo)

#### ID# 011000183

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

**REGION** CANADIAN

PPER RED

**REGIONAL FLOOD** PLANNING GROUP

### **Study Details**

Study type	Project Planning								
Study description	Evaluate project DMP.	to quantify be	nefits, evaluate impa	icts and begin de	sign. Improvemer	nts to culverts	. Project	identified fron	n 2019 Amarillo
New Hydrologic or	Hydraulic model	? Yes	Emergency N	leed? <mark>No</mark>	Existin	g/Anticipated	models	in near term?	Yes
County Potter			Watershed HUC	# (if known) 11	0901050402				
Drainage area (Squ	are miles, est.) 4	Ļ	Goal(s)	01000003, 0100	0004				
<b>100-Year Flood</b> Population at risk			# of structures	30		Critical facilit	ies 1		
r opulation at hisk	297		# Of Structures	30					
Flood risk type:	Riverine? Yes	C	oastal? <mark>No</mark>	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land in	mpacted (acres)	0		Roadway(s) in	npacted (length)	2			
Number of low wa	ter crossings	0		Historical road	d closures	0			
Estimated Cost	and Funding A	vailability							

Total Cost	\$250,000	Amount of Available Funding	62,500	Federal funding availability	Yes
Funding source	Amarillo				





Title Playa 35 Watershed Study (City of Amarillo)

#### ID# 011000170

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

CANADIAN

REGIONAL FLOOD PLANNING GROUP

### **Study Details**

Study type Watershed Planning							
Study description Perform H&H modeling, dev	velop conceptual alternativ	ves and OPCC, and rai	nk projects	. Marked as h	igh prior	ity in 2019 Ar	narillo DMP
New Hydrologic or Hydraulic model? Yes	Emergency Nee	ed? No	Existin	g/Anticipated	l models	in near term?	Yes
County Potter	Watershed HUC# (if	f known) <mark>11120103</mark>	<mark>0107, 111</mark>	201030501			
Drainage area (Square miles, est.) 3	Goal(s) 01	.000001, 01000002					
100-Year Flood Risk Summary							
Population at risk <mark>0</mark>	# of structures 0			Critical facilit	ties <mark>0</mark>		
Flood risk type: Riverine? Yes	Coastal? No L	.ocal? <mark>No</mark>	Playa?	Yes	Other?	No	
			) 1				
Farm/Ranch land impacted (acres) 68		Roadway(s) impacted	d (length)	1			
		Roadway(s) impacted Historical road closu		1 0			

## **Estimated Cost and Funding Availability**

Total Cost	\$420,000	Amount of Available Funding	104,883	Federal funding availability Yes	
Funding source	Amarillo				







### Title Wild Horse Lake Watershed Study (City of Amarillo)

#### ID# 011000171

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

## **Study Details**

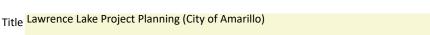
Vatershed Plannir	0							
erform H&H mod								
	eling, deve	lop conceptual altern	atives and OP	CC, and rank projec	s. Marked as v	very high	priority in 201	.9 Amarillo D
lydraulic model?	Yes	Emergency N	leed? No	Exist	ng/Anticipated	d models	in near term?	Yes
		Watershed HUC	# (if known)	<mark>110901050308, 11</mark>	0901050309, 1	1090105	0402 <i>,</i> 111201	030101,
re miles, est.) <mark>4</mark>		Goal(s)	01000001, 0	1000002				
isk Summary								
97		# of structures <mark>30</mark>			Critical facilities 1			
Riverine? <mark>Yes</mark>		Coastal? No	Local? No	Playa	Yes	Other?	No	
pacted (acres) 0			Roadway(	s) impacted (length)	d (length) <mark>2</mark>			
er crossings 0			Historical	road closures	0			
	Aydraulic model? are miles, est.) 4 isk Summary 197 Riverine? Yes apacted (acres) 0	<b>isk Summary</b> 97 Riverine? Yes	Watershed HUC: Goal(s) isk Summary 197 # of structures Riverine? Yes Coastal? No	Watershed HUC# (if known) Goal(s) 01000001, 0 isk Summary 197 # of structures 30 Riverine? Yes Coastal? No Local? No	Watershed HUC# (if known) 110901050308, 110 Goal(s) 01000001, 01000002 isk Summary 197 # of structures 30 Riverine? Yes Coastal? No Local? No Playa	Watershed HUC# (if known) 110901050308, 110901050309, 1 Goal(s) 01000001, 01000002 isk Summary 197 # of structures 30 Critical facili Riverine? Yes Coastal? No Local? No Playa? Yes	Watershed HUC# (if known) 110901050308, 110901050309, 11090105 re miles, est.) 4 Goal(s) 01000001, 01000002 isk Summary 197 # of structures 30 Critical facilities 1 Riverine? Yes Coastal? No Local? No Playa? Yes Other?	Watershed HUC# (if known) 110901050308, 110901050309, 110901050402, 111201 Goal(s) 01000001, 01000002 isk Summary 197 # of structures 30 Critical facilities 1 Riverine? Yes Coastal? No Local? No Playa? Yes Other? No

#### Estimated Cost and Funding Availability

Total Cost	\$548,000	Amount of Available Funding	136,986	Federal funding availability Yes	
Funding source	Amarillo				









### ID# 011000136

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

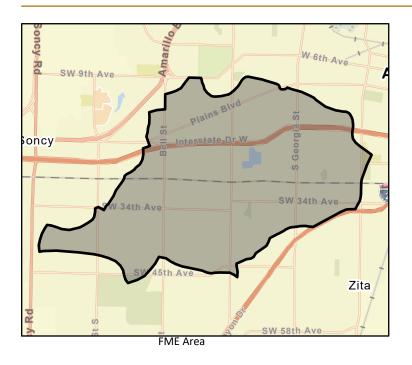
Action aligns with goals and meets TWDB guidance

## **Study Details**

-										
Study type	Project Planning	B								
Study description		• •	benefits, evaluate impa h 24". Project identified	•	0		00 GMP pum	ips at bot	h pumps, rep	lace 15" PV with
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? No		Existin	g/Anticipated	d models	in near term	Yes
County <mark>Potter</mark>			Watershed HUC	# (if known)	111201030	101				
Drainage area (Squ	uare miles, est.)	9	Goal(s)	01000003, 0	1000004					
100-Year Flood	Risk Summar	/								
Population at risk	864		# of structures	133			Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	0		Roadway(	(s) impacted	(length)	19			
Number of low wa	ter crossings	0		Historical	road closure	S	0			

## **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	644,000	Federal funding availability	Yes
Funding source	Amarillo				





Title Gooch Lake Project Planning - 27th Ave/RR Storm Sewer (City of Amarillo)



Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

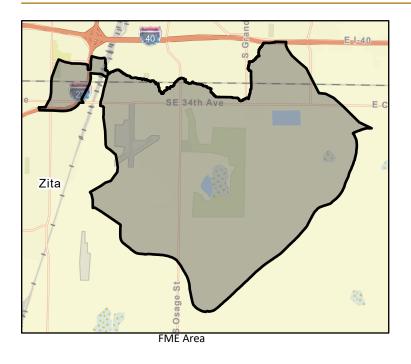
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

## **Study Details**

Study type	Project Planning	5								
Study description		penefits, evaluate impa rom 2019 Amarillo DM	0	n design. Im	provemen	ts include ad	ding inlet	:s, a 24" RCP	lateral, and a	
New Hydrologic or	Hydraulic mode	l? <mark>Yes</mark>	Emergency N	Need? No		Existin	g/Anticipated	models	in near term	n? Yes
County <mark>Potter</mark>			Watershed HUC	# (if known)	11120103	0106				
Drainage area (Squ	are miles, est.)	11	Goal(s)	<mark>01000003, 0</mark> 3	1000004					
100-Year Flood	Risk Summary	/								
Population at risk	35		# of structures	14			Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	224		Roadway(s	s) impacted	(length)	4			
Number of low wa	ter crossings	0		Historical	road closur	es	0			

Total Cost	\$250,000	Amount of Available Funding	84,750	Federal funding availability	Yes
Funding source	Amarillo				





Title Wild Horse Lake Project Planning - ONG/Lipscomb Storm Sewer (City of Amarillo)



ID#	011000151
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Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type	Project Planning									
Study description			penefits, evaluate impa a new diversion structu	-	-	•		blacing 5	pipes with lar	ger diameters,
New Hydrologic or	Hydraulic model?	Yes	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	models	in near term?	Yes
County Potter			Watershed HUC	# (if known)	11090105	0402, 1112	201030101			
Drainage area (Squ	are miles, est.) <mark>4</mark>		Goal(s)	Goal(s) 01000003, 01000004						
100-Year Flood	Risk Summary									
Population at risk	297		# of structures	30			Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>0</mark>			Roadway(	s) impacted	d (length)	2			
Number of low wa	ter crossings 0			Historical	road closur	res	0			

Total Cost	\$250,000	Amount of Available Funding	755,500	Federal funding availability	Yes
Funding source	Amarillo				





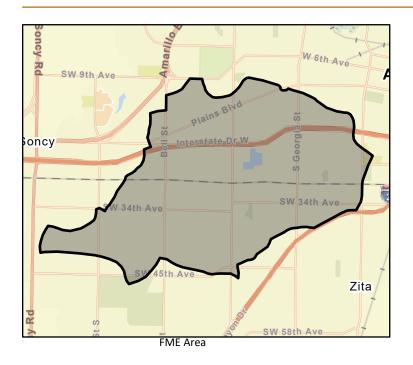
Title Lawrence Lake Project Planning - Dilday Draw Storm Sewer (City of Amarillo)



ID# 011000153									
Sponsor (name of e	entity, not perso	n) <mark>Amarillo (Mur</mark>	nicipality)						
RFPG recommend?	Yes	Reason for I	Recommendation	Action aligns wi	th goals and me	eets TWDB g	uidance		
Study Details									
Study type	Project Planning	3							
<i>,</i> ,		• •	efits, evaluate impa 60" RCP and addir				•		
New Hydrologic or	Hydraulic mode	l? Yes	Emergency N	leed? No	Existir	g/Anticipate	d models	in near tern	n? <mark>Yes</mark>
County Potter			Watershed HUC#	# (if known) 1112	01030101				
Drainage area (Squ	are miles, est.)	9	Goal(s)	01000003, 010000	004				
<b>100-Year Flood I</b> Population at risk		y	# of structures	133		Critical facil	ities <mark>1</mark>		
Flood risk type:	Riverine? Yes	Соа	astal? <mark>No</mark>	Local? No	Playa?	No	Other?	No	
Farm/Ranch land ir	mpacted (acres)	0		Roadway(s) imp	acted (length)	19			
Number of low wat	ter crossings	0		Historical road o	closures	0			

## **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	196,000	Federal funding availability	Yes
Funding source	Amarillo				





Title Lawrence Lake Project Planning - Julian Blvd. Storm Sewer (City of Amarillo)



ID#	011000155
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Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

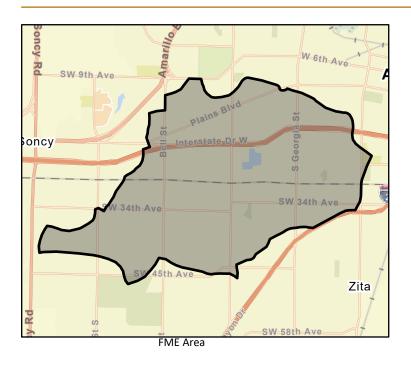
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### **Study Details**

•										
Study type	Project Planning	5								
Study description			benefits, evaluate impa dentified from 2019 An	-	n design. Prop	oosed im	provements	consist of	adding a m	ajor trunkline, and
New Hydrologic o	<sup>r</sup> Hydraulic mode	I? <mark>Yes</mark>	Emergency N	leed? No		Existin	g/Anticipated	d models	in near term	? Yes
County <mark>Potter</mark>			Watershed HUC	# (if known)	1112010301	101				
Drainage area (Squ	Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004									
100-Year Flood	Risk Summar	/								
Population at risk	864		# of structures	133			Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land impacted (acres) 0			Roadway(s) impacted (length)			) 19				
Number of low water crossings 0				Historical road closures			0			

Total Cost	\$250,000	Amount of Available Funding	218,250	Federal funding availability	Yes
Funding source	Amarillo				





Regional view of FME area

Title Wild Horse Lake Improvement (City of Amarillo)

#### ID# 011000158

Sponsor (name of entity, not person) Amarillo (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

**REGION** CANADIAN

PPER RED

**REGIONAL FLOOD** PLANNING GROUP

### **Study Details**

Study type	Project Planning							
Study description	Evaluate project to quantify Amarillo DMP.	benefits, evaluate impa	cts and begin design.	Improvemer	nts to Wild Ho	rse Lake.	Project ident	ified from 2019.
New Hydrologic or	·Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	models	in near term?	Yes
County <mark>Potter</mark>		Watershed HUC#	# (if known) 1109010	050402				
Drainage area (Squ	uare miles, est.) <mark>4</mark>	Goal(s)	Goal(s) 01000003, 01000004					
100-Year Flood	Risk Summary							
Population at risk	297	# of structures	30		Critical facilit	ties <mark>1</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>	Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>0</mark>		Roadway(s) impact	ed (length)	2			
Number of low wa	ter crossings 0		Historical road clos	ures	0			
Ectimated Coct		,						

Total Cost	\$250,000	Amount of Available Funding	101,500	Federal funding availability	Yes
Funding source	Amarillo				





Regional view of FME area

Title McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (2A) (City of Amarillo)



ID#	011000159
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

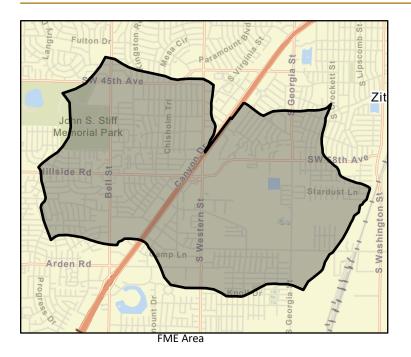
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type Pr	roject Planning									
			benefits, evaluate impa flow into the existing s	-	-					or and inlets and
New Hydrologic or Hy	ydraulic model	? Yes	Emergency N	eed? <mark>No</mark>		Existin	g/Anticipated	l models i	in near term	? Yes
County Randall			Watershed HUC#	ŧ (if known)	11090105	<mark>0308, 1112</mark>	201030101			
Drainage area (Square miles, est.) 6 Goal(s) 01000003, 01000004										
100-Year Flood Ris	sk Summary	,								
Population at risk 75	50		# of structures	200			Critical facilit	ties <mark>0</mark>		
Flood risk type: R	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) <mark>54</mark>			Roadway(s) impacted (length)			13				
Farm/Ranch land imp				Historical road closures			0			
Number of low water	r crossings	0		Historical	road closur	es	0			

Total Cost	\$250,000	Amount of Available Funding	879,750	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (2B) (City of Amarillo)



ID#	011000160
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

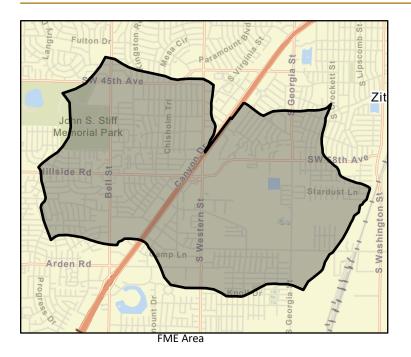
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type		_								
Study type	Project Planning	g								
Study description		• •	benefits, evaluate impa tie into the Catalpa st	0	0	•	•			pacity, including
New Hydrologic or Hydraulic model? Yes			Emergency N	Need? No		Existin	g/Anticipated	l models	in near term	n? <mark>Yes</mark>
County Randall			Watershed HUC	# (if known)	11090105	0308, 1112	201030101			
Drainage area (Square miles, est.) 6 Goal(s) 01000003, 01000004										
100-Year Flood	Risk Summar	У								
Population at risk	750		# of structures	200			Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) <mark>54</mark>			Roadway(s) impacted (length)			13				
Number of low water crossings 0				Historical road closures			0			
		0		mstorical	i sau ciosui		0			

Total Cost	\$250,000	Amount of Available Funding	421,750	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Playa 4 Watershed Study (City of Amarillo)

### ID# 011000161

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

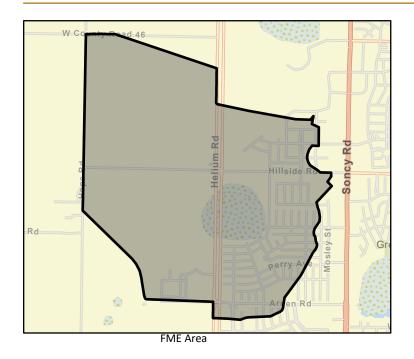
REGION CANADIAN

REGIONAL FLOOD PLANNING GROUP

### **Study Details**

Watershed Planni	ng								
Perform H&H mod	deling, dev	elop conceptual alterna	atives and OP	CC, and rar	nk projects	. Marked as h	nigh prior	ity in 2019 A	Amarillo DMP
or Hydraulic model?	Yes	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	d models	in near term	n? <mark>Yes</mark>
		Watershed HUC#	‡ (if known)	11120102	0303, 1112	201030101			
Drainage area (Square miles, est.) 3 Goal(s) Goal(s)									
Risk Summary									
280		# of structures	87			Critical facili	ties <mark>0</mark>		
Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) 52			Roadway(s) impacted (length)			2			
ater crossings 0	)		Historical	road closur	res	0			
	Perform H&H mo or Hydraulic model? uare miles, est.) 3 I Risk Summary 280 Riverine? Yes	or Hydraulic model? Yes Juare miles, est.) 3 I Risk Summary 280 Riverine? Yes	Perform H&H modeling, develop conceptual alternative or Hydraulic model? Yes Emergency N Watershed HUC uare miles, est.) 3 Goal(s) I Risk Summary 280 # of structures Riverine? Yes Coastal? No	Perform H&H modeling, develop conceptual alternatives and OP or Hydraulic model? Yes Emergency Need? No Watershed HUC# (if known) guare miles, est.) 3 Goal(s) 01000001, 0 I Risk Summary 280 # of structures 87 Riverine? Yes Coastal? No Local? No	Perform H&H modeling, develop conceptual alternatives and OPCC, and rate or Hydraulic model? Yes Emergency Need? No Watershed HUC# (if known) 11120102 Goal(s) 01000001, 01000002 I Risk Summary 280 # of structures 87 Riverine? Yes Coastal? No Local? No	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects or Hydraulic model? Yes Emergency Need? No Existin Watershed HUC# (if known) 111201020303, 1112 uare miles, est.) 3 Goal(s) 0100001, 01000002 I Risk Summary 280 # of structures 87 Riverine? Yes Coastal? No Local? No Playa?	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as h or Hydraulic model? Yes Emergency Need? No Existing/Anticipated Watershed HUC# (if known) 111201020303, 111201030101 guare miles, est.) 3 Goal(s) 01000001, 01000002 I Risk Summary 280 # of structures 87 Critical facili Riverine? Yes Coastal? No Local? No Playa? Yes	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high prior   or Hydraulic model? Yes   Emergency Need? No   Watershed HUC# (if known)   111201020303, 111201030101   Goal(s)   0100001, 0100002   IRisk Summary   280   # of structures   87   Critical facilities   0   Riverine? Yes   Coastal? No   Local? No   Playa? Yes Other?	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 A         or Hydraulic model? Yes       Emergency Need? No       Existing/Anticipated models in near term         Watershed HUC# (if known)       111201020303, 111201030101       Image: Coastal alternatives and OPCC, and rank projects. Marked as high priority in 2019 A         I Risk Summary       280       # of structures 87       Critical facilities 0         Riverine? Yes       Coastal? No       Local? No       Playa? Yes       Other? No

Total Cost	\$431,000	Amount of Available Funding	107,693	Federal funding availability	Yes
Funding source	Randall, Amarillo				







Title McDonald Lake Watershed Study (City of Amarillo)

#### ID# 011000162

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

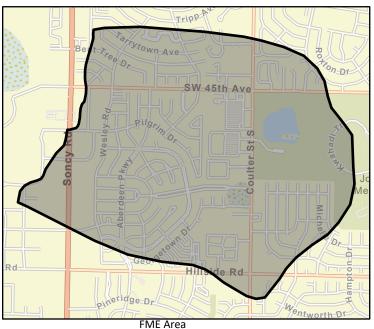
Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type	Watershed Plann	ing								
Study description	Perform H&H mo	deling, dev	elop conceptual alterna	itives and OP	CC, and rar	nk projects	. Marked as h	iigh prior	ity in 2019 A	marillo DMP
New Hydrologic o	r Hydraulic model?	Yes	Emergency N	leed? No		Existin	g/Anticipated	l models	in near term	? Yes
County Randall			Watershed HUC	ŧ (if known)	11120103	0101				
Drainage area (Sq	uare miles, est.) <mark>2</mark>		Goal(s)	<mark>01000001, 0</mark>	1000002					
100-Year Flood	Risk Summary									
Population at risk	66		# of structures	13			Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
					· · ·	1 (1 +  - )	4			
Farm/Ranch land	impacted (acres) <mark>1</mark>	L		Roadway(	s) impacted	d (length)	4			

## Estimated Cost and Funding Availability

Total Cost	\$282,000	Amount of Available Funding	70,612	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Playa 8 Watershed Study (City of Amarillo)

### ID# 011000163

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type Watershed Pl	anning							
Study description Perform H&F	modeling, de	velop conceptual alterna	atives and OP	CC, and rank project	s. Marked as I	nigh prior	ity in 2019 A	marillo DMP
New Hydrologic or Hydraulic mo	del? <mark>Yes</mark>	Emergency N	Need? No	Existi	ng/Anticipate	d models	in near term	? Yes
County Randall		Watershed HUC	# (if known)	<mark>111201020303, 111</mark>	201030101			
Drainage area (Square miles, est	.) 2	Goal(s)	01000001, 0	1000002				
100-Year Flood Risk Summa	ary							
Population at risk 35		# of structures	7		Critical facili	ties <mark>0</mark>		
Flood risk type: Riverine? Ye	2S	Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acre	s) <mark>54</mark>		Roadway(	s) impacted (length)	1			
Number of low water crossings	0		Historical	road closures	0			

## **Estimated Cost and Funding Availability**

Total Cost	\$284,000	Amount of Available Funding	71,125	Federal funding availability	Yes
Funding source	Randall, Amarillo				









Title Lawrence Lake Watershed Study (City of Amarillo)

#### ID# 011000164

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

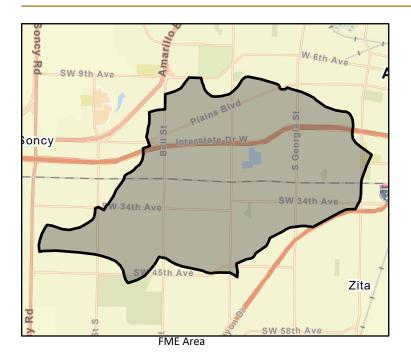
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

## **Study Details**

Study type Water	shed Planning								
Study description Perfor	n H&H modeling, de	velop conceptual alterna	atives and OP	PCC, and rank	projects	. Marked as v	ery high	priority in 20	19 Amarillo DMP
New Hydrologic or Hydra	ılic model? Yes	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	models	in near term	? Yes
County Potter, Randall		Watershed HUC	# (if known)	<mark>1109010503</mark>	08, 1109	01050402, 1	1120103	0101, 11120	1030106
Drainage area (Square mi 	es, est.) <mark>9</mark>	Goal(s)	<mark>01000001, 0</mark>	1000002					
100-Year Flood Risk S	ummary								
Population at risk 864		# of structures	133			Critical facilit	ies <mark>1</mark>		
Flood risk type: River	ne? <mark>Yes</mark>	Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land impacte	d (acres) <mark>0</mark>		Roadway(	s) impacted (I	length)	19			
Number of low water cro	ssings <mark>0</mark>		Historical	road closures	i	0			

Total Cost	\$1,000,000	Amount of Available Funding	250,000	Federal funding availability	Yes
Funding source	Randall, Amarillo				







Title Bennett Lake Watershed Study (City of Amarillo)

#### ID# 011000165

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

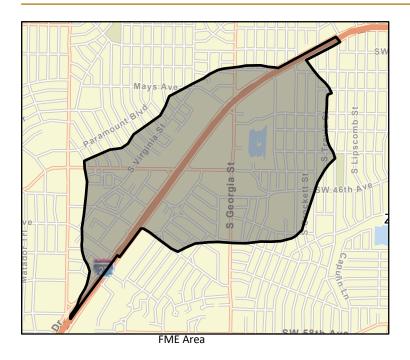
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type	Watershed Planning							
Study description	Perform H&H modeling, de	velop conceptual alterna	itives and OPC	CC, and rank projects	. Marked as v	ery high	priority in 201	9 Amarillo DMP
New Hydrologic or	Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	l models	in near term?	Yes
County Randall		Watershed HUC#	ŧ (if known)	111201030101, 1112	201030102			
Drainage area (Squa	are miles, est.) <mark>1</mark>	Goal(s)	<mark>01000001, 01</mark>	000002				
100-Year Flood F	Risk Summary							
<b>100-Year Flood F</b> Population at risk	-	# of structures	49		Critical facili	ties <mark>0</mark>		
	-	# of structures Coastal? No	49 Local? <mark>No</mark>	Playa?		ties <mark>0</mark> Other?	No	
Population at risk	525 Riverine? Yes		Local? No	Playa? ) impacted (length)		-	No	
Population at risk	525 Riverine? Yes mpacted (acres) 0		Local? No Roadway(s		No	-	No	

Total Cost	\$195,000	Amount of Available Funding	48,861	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Regional view of FME area

Title Playa 11 Watershed Study (City of Amarillo)

### ID# 011000166

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

CANADIAN

REGIONAL FLOOD PLANNING GROUP

### **Study Details**

Study type Wate	ershed Planning	g								
Study description Perfo	orm H&H mode	ling, develor	o conceptual alterna	atives and OP	PCC, and rar	ık projects.	. Marked as h	igh priori	ty in 2019 A	marillo DMP
New Hydrologic or Hydr	raulic model? <mark>۱</mark>	ſes	Emergency N	leed? No		Existing	g/Anticipated	l models i	in near term	i? <mark>Yes</mark>
County Randall			Watershed HUC#	ŧ (if known)	11120103	0101				
Drainage area (Square r	niles, est.) <mark>3</mark>		Goal(s)	01000001, 0	1000002					
100-Year Flood Risk	Summary									
Population at risk 4			# of structures	1			Critical facilit	ties <mark>0</mark>		
Flood risk type: Rive	erine? <mark>Yes</mark>	Со	astal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land impac	ted (acres) 57			Roadway(	s) impacted	l (length)	2			
Number of low water cr	rossings 0			Historical	road closur	es	0			

Total Cost	\$424,000	Amount of Available Funding	105,995	Federal funding availability Yes	
Funding source	Randall, Amarillo				





Regional view of FME area

Title Diamond Horseshoe Lake Watershed Study (City of Amarillo)



ID#	011000167

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

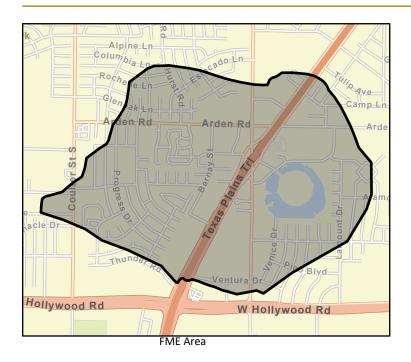
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

# **Study Details**

Study type										
Study type	Watershed Plan	ning								
Study description	Perform H&H m	odeling, dev	velop conceptual alterr	natives and OPCC	C, and rank pro	ojects.	. Marked as h	iigh priori	ity in 2019 A	Amarillo DN
New Hydrologic o	or Hydraulic mode	l? <mark>Yes</mark>	Emergency	Need? <mark>No</mark>	E	Existin	g/Anticipated	l models	in near tern	n? <mark>Yes</mark>
County Randall			Watershed HUC	C# (if known) <mark>1</mark>	<mark>11201030101</mark>					
Drainage area (Sq	uare miles, est.)	2	Goal(s)	01000001, 010	00002					
100-Year Flood	Risk Summary	/								
<b>100-Year Flood</b> Population at risk		/	# of structures	5 5			Critical facili	ties <mark>0</mark>		
		1	# of structures Coastal? No	5 Local? No	Р	laya?		ties <mark>0</mark> Other?	No	
Population at risk	12 Riverine? <mark>Yes</mark>			Local? No	P impacted (len	laya?		-	No	

Total Cost	\$247,000	Amount of Available Funding	61,687	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Regional view of FME area



Title McCarty Lake Watershed Study (City of Amarillo)

#### ID# 011000168

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

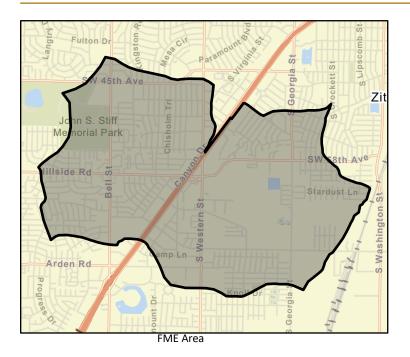
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

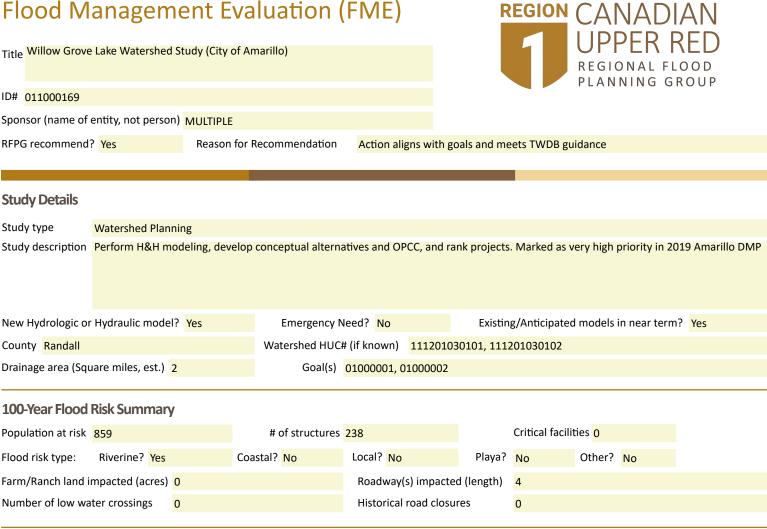
### **Study Details**

Study type Watershed Planning								
Study description Perform H&H modeling, de	evelop conceptual alternatives and OP	CC, and rank projects. I	Marked as high pric	ority in 2019 An	narillo DMP			
New Hydrologic or Hydraulic model? Yes	Emergency Need? No	Existing	Anticipated model	s in near term?	Yes			
County Randall	Watershed HUC# (if known)	111201030101, 11120	1030102					
Drainage area (Square miles, est.) 6 Goal(s) 01000001, 01000002								
100-Year Flood Risk Summary								
Population at risk 750	# of structures 200	C	Critical facilities 0					
	Coastal? No Local? No	Playa?	res Other	? No				
Flood risk type: Riverine? Yes		,						
Flood risk type: Riverine? Yes Farm/Ranch land impacted (acres) 54			13					
	Roadway(	5) impacted (length)	13					

Total Cost	\$923,000	Amount of Available Funding	230,634	Federal funding availability	Yes
Funding source	Randall, Amarillo				

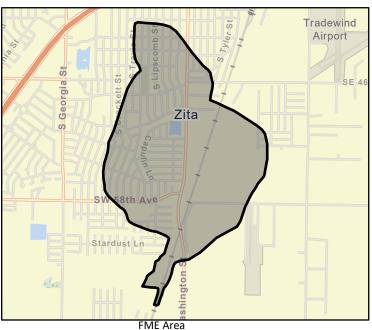






## **Estimated Cost and Funding Availability**

Total Cost	\$246,000	Amount of Available Funding	61,526	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Lawrence Lake Project Planning - Olsen/Emil Storm Sewer (City of Amarillo)



ID# 011000156					
Sponsor (name of e	ntity, not person)	MULTIPLE			
RFPG recommend?	Yes	Reason for Recommendation	Action aligns wi	ith goals and meets TWDB	guidance

### **Study Details**

-										
Study type	Project Planning									
Study description		• •	benefits, evaluate impa trunk line through the	0	0	•	•		ew inlets and	l laterals, and
New Hydrologic or Hydraulic model? Yes		Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	models i	in near term	? Yes	
County Potter, Randall			Watershed HUC	Watershed HUC# (if known) 111201030101						
Drainage area (Square miles, est.) 9			Goal(s)	01000003, 0	1000004					
100-Year Flood	Risk Summary	,								
Population at risk	864		# of structures	133			Critical facilit	ies <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	0		Roadway(	s) impacted	d (length)	h) 19			
Number of low water crossings 0			Historical road closures		res	0				

Total Cost	\$250,000	Amount of Available Funding	566,500	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Lawrence Lake Project Planning - SW 26th Avenue Storm Sewer (City of Amarillo)



ID# <mark>011000157</mark>						FLANNING	
Sponsor (name of e	ntity, not person)	MULTIPLE					
RFPG recommend?	Yes	Reason for Recommendation	Action aligns w	ith goals and me	ets TWDB g	uidance	

### **Study Details**

Study type	Project Planning	Project Planning								
Study description	benefits, evaluate impa n into an existing parall	-	-				ding multi	ple inlets and		
New Hydrologic o	r Hydraulic model	? Yes	Emergency N	Need? No		Existing	g/Anticipated	l models i	in near tern	n? Yes
County Potter, Randall			Watershed HUC	Watershed HUC# (if known) 111201030101						
Drainage area (Square miles, est.) 9			Goal(s)	01000003, 0	1000004					
100-Year Flood	Risk Summary	1								
Population at risk	864		# of structures	133			Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land	mpacted (acres)	0		Roadway(	s) impacted	l (length)	19			
Number of low wa	ater crossings	0		Historical	road closur	es	0			

Total Cost	\$250,000	Amount of Available Funding	418,750	Federal funding availability <mark>Ye</mark>	es
Funding source	Randall, Amarillo				





Title Lawrence Lake Project Planning - Fleetwood Drive Storm Sewer (City of Amarillo)



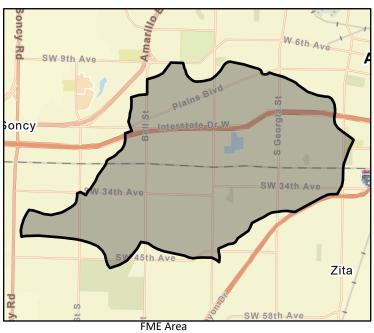
ID# <mark>011000154</mark>						
Sponsor (name of entity,	, not person) MULTIPLE					
RFPG recommend? Yes	Reason for	Recommendation	Action aligns wi	th goals and mee	ts TWDB guidance	
Chuch - Dataile						
Study Details						
Study type Proje	ct Planning					
Study description Evalu	Evaluate project to quantify benefits, evaluate impacts and begin design. Replace pipes with ones with larger diameters, add three new					
pipes	s, and connect two pipes in	three locations. Proje	ct identified from	n 2019 Amarillo E	DMP.	

New Hydrologic or Hydraulic model? Yes	Emergency Need? No	Existing/Anticipated models in near term? Yes
County Randall	Watershed HUC# (if known) 1112010	030101
Drainage area (Square miles, est.) <mark>9</mark>	Goal(s) 01000003, 01000004	
100-Year Flood Risk Summary		

Population at risk 864	# of st	tructures <mark>133</mark>		Critical facilit	ies <mark>1</mark>	
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa?	No	Other?	No
Farm/Ranch land impacted (acres)	0	Roadway(s) imp	acted (length)	19		
Number of low water crossings	0	Historical road o	losures	0		

## **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	589,250	Federal funding availability	Yes
Funding source	Randall, Amarillo				





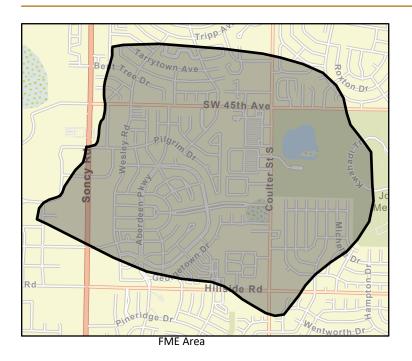


Title McDonald Lake Project Planning - Coulter Street Storm Sewer (City of Amarillo)



ID# <mark>011000152</mark>						
Sponsor (name of	entity, not person)	MULTIPLE				
RFPG recommend	? Yes	Reason for I	Recommendation	Action aligr	ns wi	ith goals and meets TWDB guidance
			_			
Study Details						
Study type	Project Planning					
Study description				-	-	gn. Improvements include adding 36" RCP parallel to several pipes, dentified from 2019 Amarillo DMP.
New Hydrologic o	r Hydraulic model?	Yes	Emergency Ne	ed? <mark>No</mark>		Existing/Anticipated models in near term? Yes
County Randall			Watershed HUC#	(if known) 1	1112	201030101
Drainage area (Sq	uare miles, est.) 2		Goal(s) <mark>0</mark>	1000003, 01	0000	004
	Risk Summary					
Population at risk	66		# of structures <mark>1</mark>	3		Critical facilities 0

Total Cost	\$250,000	Amount of Available Funding	383,250	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Playa No. 34 Project Planning (City of Amarillo)

#### ID# 011000137

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

REGION CANADIAN

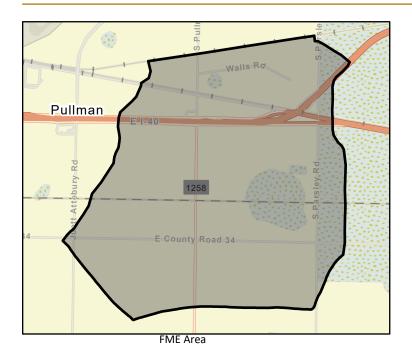
REGIONAL FLOOD PLANNING GROUP

### **Study Details**

Study type	Project Planning									
Study description	Evaluate project identified from 2		benefits, evaluate impa o DMP.	acts and begir	n design. In	nprovemen	its include ad	ding an o	utfall channel	. Project
New Hydrologic or	Hydraulic model	? Yes	Emergency N	Need? No		Existin	g/Anticipated	models	in near term?	Yes
County Potter, Ra	ndall		Watershed HUC	# (if known)	11120103	0107				
Drainage area (Squ	are miles, est.)	4	Goal(s)	01000003, 0	1000004					
100-Year Flood	Risk Summary	1								
Population at risk	13		# of structures	5			Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) 134 Roadway(s) impacted (length) 2										
Number of low wa	ter crossings	0		Historical	road closu	res	0			
		- 1 - 1 - 11 - 11 - 1								

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	118,250	Federal funding availability <mark>Y</mark>	'es
Funding source	Randall, Amarillo				





Title Bivins Lake Dam Evaluation (City of Amarillo)

#### ID# 011000174

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

REGION CANADIAN

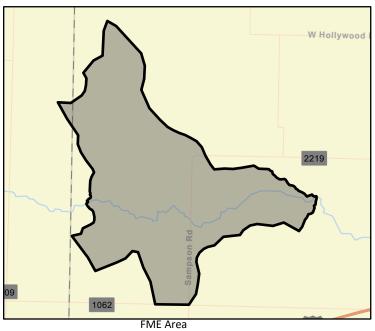
REGIONAL FLOOD PLANNING GROUP

### **Study Details**

Study type	Project Planning									
Study description	Evaluate Bivins L and stakeholder		to determine potenti	al modificatic	ons to enha	nce flood c	control functio	on; select	ed based on L	ISACE report
New Hydrologic or	Hydraulic model	? Yes	Emergency N	Need? No		Existin	g/Anticipated	l models	in near term?	Yes
County Randall, D	eaf Smith		Watershed HUC	# (if known)	11120102	0302				
Drainage area (Squ	iare miles, est.)	33	Goal(s)	01000001, 0	1000002					
100-Year Flood	Risk Summary	,								
Population at risk	5		# of structures	2			Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) 1,041 Roadway(s) impacted (length) 2										
Number of low wa	ter crossings	0		Historical	road closu	res	0			

### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	62,500	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Tributary to West Amarillo Creek Watershed Study (City of Amarillo)



ID# 011000176						
Sponsor (name of entity, not person) MU	LTIPLE					
RFPG recommend? Yes R	eason for Recommendation	Action aligns with	h goals and me	ets TWDB guidar	nce	
Study Details						
Study type Watershed Planning						
Study description Perform H&H modelin	g, develop conceptual alterna	tives and OPCC, and	d rank projects	Marked as high	priority in 2019 An	narillo DMP
New Hydrologic or Hydraulic model? Yes	Emergency N	eed? No	Existin	g/Anticipated mo	odels in near term?	Yes
County Potter, Randall	Watershed HUC#	ŧ (if known) <mark>11090</mark>	1050308, 1112	01030101		
Drainage area (Square miles, est.) 11	Goal(s)	01000001, 0100000	)2			
100-Year Flood Risk Summary						
Population at risk 1,974	# of structures	48		Critical facilities	1	
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa?	No Ot	her? <mark>No</mark>	
Farm/Ranch land impacted (acres) 188		Roadway(s) impa	cted (length)	5		
Number of low water crossings 2		Historical road clo	osures	2		

## **Estimated Cost and Funding Availability**

Total Cost	\$1,000,000	Amount of Available Funding	250,000	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title McCarty Lake Project Planning - Fulton/ Hampton Storm Sewer (City of Amarillo)



ID#	011000141	
Spor	nsor (name of entity, not person)	MULTIPLE

RFPG recommend? Yes

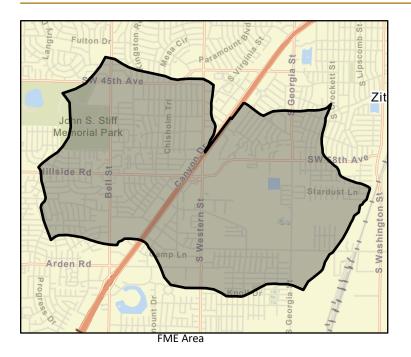
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

## **Study Details**

Study type	Project Planning	g								
Study description		aluate project to quantify benefits, evaluate impacts and begin design. Improvements to McCarty Lake Study Area - Fulton/ Hampton orm Sewer. Project identified from 2019 Amarillo DMP.								
New Hydrologic o	r Hydraulic mode	l? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>		Existing	g/Anticipated	l models	in near tern	n? <mark>Yes</mark>
County <mark>Randall</mark>	County Randall Watershed HUC# (if known) 111201030101									
Drainage area (Squ	uare miles, est.)	6	Goal(s)	01000003, 0	1000004					
100-Year Flood	Risk Summar	y								
Population at risk	750		# of structures	200			Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	54		Roadway(	(s) impacted (l	ength)	13			
Number of low wa	ter crossings	0		Historical	road closures		0			

Total Cost	\$250,000	Amount of Available Funding	661,000	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Regional view of FME area

Title Playa No. 4 Outfall (City of Amarillo)



ID#	011000142
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

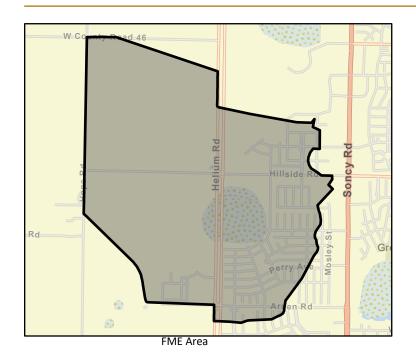
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

## **Study Details**

Study type	Project Planning							
Study description	Evaluate project to quantify 2019 Amarillo DMP.	aluate project to quantify benefits, evaluate impacts and begin design. Improvements to Playa No. 4 Outfall. Project identified from 19 Amarillo DMP.						
New Hydrologic or	Hydraulic model? Yes	Emergency N	eed? No	Existin	g/Anticipated	l models	in near term?	Yes
County Randall		Watershed HUC#	t (if known) 11120102	20303, 1112	201030101			
Drainage area (Squ	iare miles, est.) <mark>3</mark>	Goal(s)	01000003, 01000004					
100-Year Flood	Risk Summary							
Population at risk	280	# of structures	87		Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>	Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>52</mark>		Roadway(s) impacted	d (length)	2			
Number of low wa	ter crossings 0		Historical road closu	res	0			
Estimated Cost	and Funding Availability							

Total Cost	\$250,000	Amount of Available Funding	525,750	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title McDonald Lake Project Planning - Wesley, Tripp/Van Winkle Storm Sewer (City of Amarillo)



ID#	011000143
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### **Study Details**

Study type	Project Planning									
Study description	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to McDonald Lake Study Area - Wesley, Tripp/Van Winkle Storm Sewer. Project identified from 2019 Amarillo DMP.									
New Hydrologic or	Hydraulic model	? Yes	Emergency I	Need? No		Existin	g/Anticipated	d models	in near term	? Yes
County Randall			Watershed HUC	# (if known)	<mark>11120103</mark>	0101				
Drainage area (Squ	are miles, est.)	2	Goal(s)	<mark>0100003, 0</mark>	01000004					
100-Year Flood	Risk Summary	,								
Population at risk	66		# of structures	13			Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? <mark>No</mark>	Local? No		Playa?	No	Other?	No	
Farm/Ranch land ii	mpacted (acres)	1		Roadway	(s) impacted	d (length)	4			
Number of low wa	ter crossings	0		Historical	road closur	es	0			
Ectimated Cost										

Total Cost	\$250,000	Amount of Available Funding	142,750	Federal funding availability Yes	
Funding source	Randall, Amarillo				





Title McDonald Lake Project Planning - Walmart/ Lowes Storm Sewer (City of Amarillo)

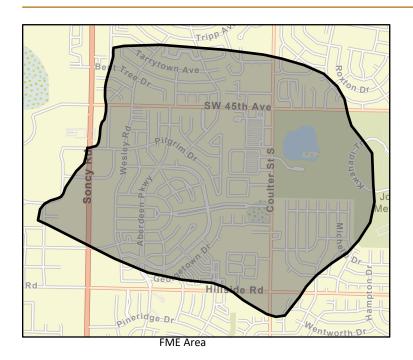


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ID# 011000144						
Sponsor (name of entity, not person)	MULTIPLE					
RFPG recommend? Yes	Reason for Recommendation	Action aligns w	ith goals and me	ets TWDB g	uidance	

### **Study Details**

Study type	Project Planning							
	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to McDonald Lake Study Area - Walmart/ Lowes Storm Sewer. Project identified from 2019 Amarillo DMP.							
New Hydrologic or	Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	l models i	in near term	? Yes
County Randall		Watershed HUC#	# (if known) 11120103	0101				
Drainage area (Squ	are miles, est.) <mark>2</mark>	Goal(s)	01000003, 01000004					
100-Year Flood F	Risk Summary							
Population at risk	66	# of structures	13		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>	Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land ir	npacted (acres) <mark>1</mark>		Roadway(s) impacted	d (length)	4			
Number of low wat	ter crossings 0		Historical road closur	res	0			
Estimated Cost	and Funding Availability							

Total Cost	\$250,000	Amount of Available Funding	240,750	Federal funding availability	Yes
Funding source	Randall Amarillo				





Title Lawrence Lake Outfall (City of Amarillo)



ID#	011000145
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

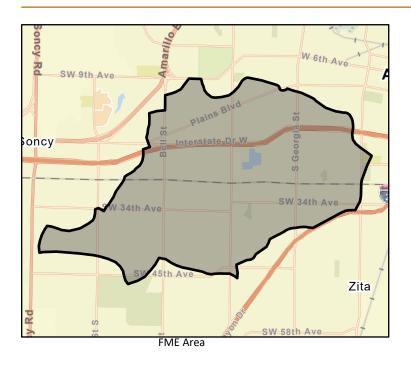
Action aligns with goals and meets TWDB guidance

## **Study Details**

-										
Study type Project Planning										
Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Project improvements include 2 inlet boxes and parallel relief line that will outfall at the current cascaded outfall. Project identified from 2019 Amarillo DMP.										
New Hydrologic or Hyd	draulic model	? Yes	Emergency N	leed? No		Existin	g/Anticipated	d models	in near term	? Yes
County Potter, Randall Watershed HUC# (if known) 111201030101										
Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004										
100-Year Flood Risk Summary										
Population at risk 864			# of structures 133		Critical facilities 1					
Flood risk type: Riv	verine? <mark>Yes</mark>		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land impacted (acres) 0				Roadway(s) impacted (length		d (length)	19			
Number of low water crossings 0			Historical road closur		res 0					

## **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	206,250	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Playa No. 7 Coulter/Loop 335 Storm Sewer (City of Amarillo)



ID#	01	1	00	01	.46
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

## **Study Details**

Study type	Project Planning									
, ,	tudy description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Playa No. 7 Coulter/Loop 335 Storm Sewer. System takes flow from Playa watersheds 11 and 14 and outflows to Playa 7. Project identified from 2019 Amarillo DMP.									
New Hydrologic or	Hydraulic model?	Yes	Emergency N	leed? No		Existin	g/Anticipated	models	in near term?	Yes
County Randall			Watershed HUC#	Watershed HUC# (if known) 111201030101						
Drainage area (Square miles, est.) <mark>5</mark>			Goal(s)	Goal(s) 01000003, 01000004						
100-Year Flood Risk Summary										
Population at risk	16		# of structures	6			Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) 57			Roadway(s) impacted (length) 4							
Number of low water crossings 0				Historical road closures 0						

# **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	473,000	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title McCarty Lake Project Planning - Downstream I-27 (City of Amarillo)



ID# (	011000147
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

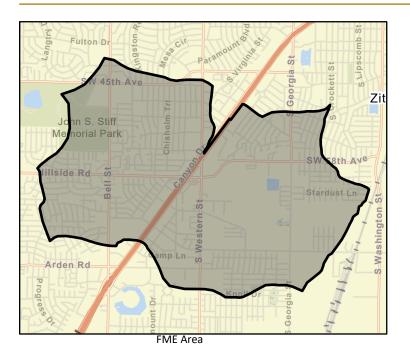
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type Project Planning										
	• •	efits, evaluate impa lows to McCarty La	0	0	•	•	consist of	constructin	g a relief	
New Hydrologic or Hydraulic model?	Yes	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	models i	in near term	1? <mark>Yes</mark>	
County Randall		Watershed HUC	# (if known)	111201030	0101					
Drainage area (Square miles, est.) 6		Goal(s)	01000003, 0	1000004						
100-Year Flood Risk Summary										
Population at risk 750		# of structures	200			Critical facilit	ies <mark>0</mark>			
Flood risk type: Riverine? Yes	Со	astal? <mark>No</mark>	Local? No		Playa?	Yes	Other?	No		
Farm/Ranch land impacted (acres) <mark>5</mark>	54		Roadway(s	s) impacted	(length)	13				
Number of low water crossings	)		Historical	road closure	es	0				
										_

Total Cost	\$383,000	Amount of Available Funding	2,011,006	Federal funding availability <mark>Yes</mark>	
Funding source	Randall, Amarillo				





Title McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (1B) (City of Amarillo)



ID#	011000148
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

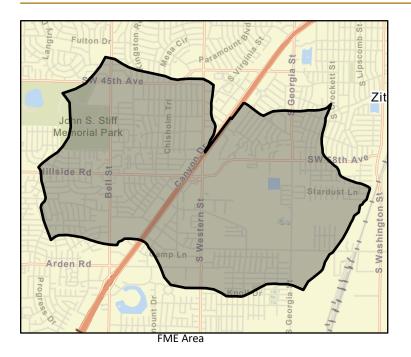
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning											
Study description	n Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include adding storm drain, adding parallel system, and then connecting to the existing crossing. Project identified from 2019 Amarillo DMP.											
New Hydrologic or	· Hydraulic mode	I? <mark>Yes</mark>	Emergency N	leed? <mark>No</mark>		Existing	g/Anticipated	l models	in near term	n? <mark>Yes</mark>		
County Randall			Watershed HUC#	# (if known)	<mark>1109010503</mark>	08, 1112	201030101					
Drainage area (Squ	uare miles, est.)	6	Goal(s)	01000003, 0	1000004							
100-Year Flood	Risk Summar	/										
Population at risk	750		# of structures	200			Critical facili	ties <mark>0</mark>				
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No			
Farm/Ranch land i	mpacted (acres)	54		Roadway(	s) impacted (I	ength)	13					
Number of low wa	ter crossings	0		Historical	road closures		0					

Total Cost	\$250,000	Amount of Available Funding	1,019,500	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Willow Grove Project Planning - Rushmore/Hayden Storm Sewer (City of Amarillo)



ID#	011000149	
Spor	nsor (name of entity, not person)	MULTIPLE

RFPG recommend? Yes

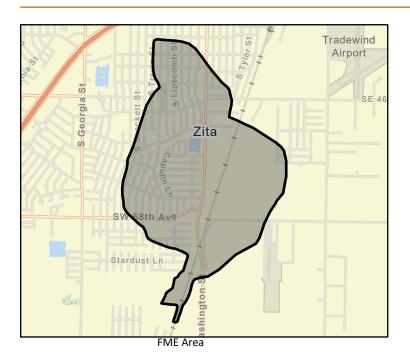
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning							
Study description	Evaluate project to quantify l 2019 Amarillo DMP.	penefits, evaluate impa	cts and begin design. R	eplace four	pipes with 6	0" or 66"	pipes. Project	identified from
New Hydrologic or	Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	models	in near term?	Yes
County Randall		Watershed HUC#	# (if known) 11120103	30102				
Drainage area (Squ	are miles, est.) <mark>2</mark>	Goal(s)	01000003, 01000004					
100-Year Flood	Risk Summary							
Population at risk	859	# of structures	238		Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes	Coastal? No	Local? <mark>No</mark>	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>0</mark>		Roadway(s) impacte	d (length)	4			
Number of low wa	ter crossings 0		Historical road closu	res	0			

Total Cost	\$250,000	Amount of Available Funding	244,250	Federal funding availability Yes
Funding source	Randall, Amarillo			





Regional view of FME area

Title Playa No. 14 Project Planning - Diamond Horseshoe Lake (City of Amarillo)



ID#	011000131	
Spor	nsor (name of entity, not person)	MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning									
Study description	Evaluate project to quantif with 8" suction line, and no	•	· ·	0	0	•	•	nclude ne	w 750 GMP	pumping station
New Hydrologic or	Hydraulic model? Yes		Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	l models i	in near term	n? <mark>Yes</mark>
County Randall			Watershed HUC	# (if known)	11120103	0101				
Drainage area (Squ	are miles, est.) <mark>2</mark>		Goal(s)	01000003, 0	1000004					
100-Year Flood	Risk Summary									
Population at risk	12		# of structures	5			Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes	Coa	astal? <mark>No</mark>	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>0</mark>			Roadway(	s) impacted	d (length)	2			
Number of low wa	ter crossings 0			Historical	road closur	res	0			

Total Cost	\$250,000	Amount of Available Funding	136,750	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Regional view of FME area

Title Playa No. 7 Project Planning (City of Amarillo)



ID#	01	10	00	132
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

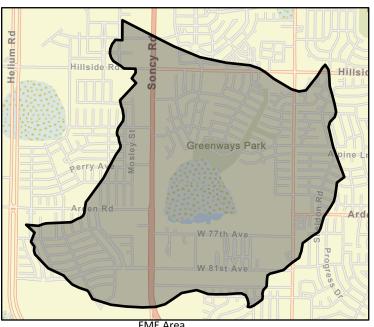
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning										
<i>,</i> ,		• •	benefits, evaluate impa withsuction line, and a	0	0	•	•		0	,000 CY, add new	
New Hydrologic or Hydraulic model? Yes			Emergency N	Emergency Need? No			Existing/Anticipated models in near term? Yes				
County Randall		Watershed HUC#	Watershed HUC# (if known) 111201030101								
Drainage area (Squ	are miles, est.)	3	Goal(s)	<mark>01000003, 0</mark>	1000004						
100-Year Flood	Risk Summary	,									
Population at risk	81		# of structures	31			Critical facili	ties <mark>0</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No		
Farm/Ranch land i	mpacted (acres)	19		Roadway(	s) impacted	l (length)	2				
Number of low water crossings 0				Historical road closures			ures 0				

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	247,750	Federal funding availability	Yes
Funding source	Randall, Amarillo				





FME Area



Title McCarty Lake Project Planning (City of Amarillo)

#### ID# 011000133

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

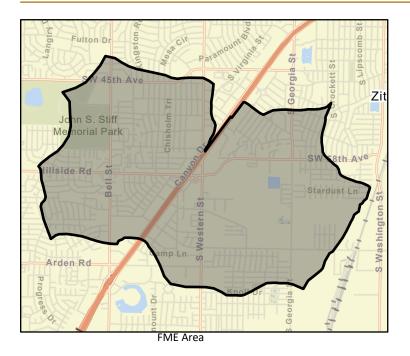
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Plannin	g										
Study description	Evaluate project to quantify benefits, evaluate impacts and begin design. Excavate 900,000 CY. Raise street and install equalization culverts. Add new pumping station with suction line, and add new force main. Project identified from 2019 Amarillo DMP.											
New Hydrologic or	r Hydraulic mode	el? <mark>Yes</mark>		Emergency N	Need? No		Existin	g/Anticipated	l models	in near term	i? <mark>Yes</mark>	
County Randall			Wat	ershed HUC	# (if known)	11120103	80101					
Drainage area (Square miles, est.) 6 Goal(s) 01000003, 01000004												
100-Year Flood		y					1					
Population at risk	750		# c	of structures	200			Critical facili	ties <mark>0</mark>			
Flood risk type:	Riverine? Yes		Coastal?	No	Local? No		Playa?	Yes	Other?	No		
Farm/Ranch land i	mpacted (acres)	54			Roadway(	s) impacte	d (length)	13				
Number of low wa	ter crossings	0		Historical road closur			ures 0					

Total Cost	\$382,000	Amount of Available Funding	2,007,335	Federal funding availability	Yes
Funding source	Randall, Amarillo				







Title Willow Grove Project Planning (City of Amarillo)

#### ID# 011000134

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning								
Study description		• •	benefits, evaluate impa station with 8" suction	0	0	•			o playa chambers.
New Hydrologic o	r Hydraulic model	? Yes	Emergency N	leed? <mark>No</mark>	Existi	ng/Anticipated	d models	in near term	? Yes
County Randall			Watershed HUC	# (if known)	111201030102				
Drainage area (Square miles, est.) 2 Goal(s) 01000003, 01000004									
100-Year Flood	Risk Summary	1							
Population at risk	859		# of structures	238		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa	? No	Other?	No	
Farm/Ranch land i	mpacted (acres)	0		Roadway(	s) impacted (length)	4			
Number of low water crossings 0				Historical	road closures	0			
Number of low wa	ater crossings	0		Instorical		0			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	233,500	Federal funding availability Yes	
Funding source	Randall, Amarillo				





Title Bennett Lake Project Planning (City of Amarillo)



ID#	011000135

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

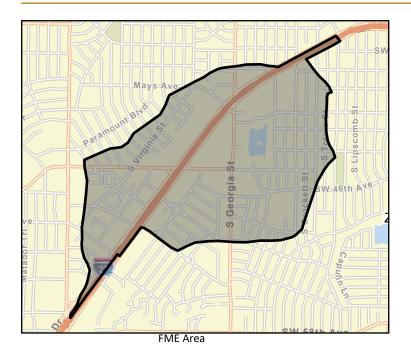
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning									
	cription Evaluate project to quantify benefits, evaluate impacts and begin design. Excavate 140,000 CY, add new 5,000 GPM pumping station with suction line, add several force mains at various sizes. Project identified from 2019 Amarillo DMP.									ping station with
New Hydrologic or Hydraulic model? Yes			Emergency Need? No			Existing/Anticipated models in near term? Yes				
County Randall		Watershed HUC	# (if known)	11120103	0101					
Drainage area (Square miles, est.) 1 Goal(s) 01000003, 01000004										
100-Year Flood	Risk Summary	,								
Population at risk	525		# of structures	49			Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	0		Roadway(	s) impacted	l (length)	3			
Number of low water crossings 0				Historical road closures			res 0			

#### **Estimated Cost and Funding Availability**

Total Cost	\$556,000	Amount of Available Funding	2,917,681	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title SE 34th/ Grand at Comanche Golf Course Channel (City of Amarillo)



ID# 011000126
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning	5								
Study description	Channel. Project identified from 2019 Amarillo DMP.									
New Hydrologic or Hydraulic model? Yes			Emergency N	Emergency Need? No			g/Anticipated	l models i	in near term	n? <mark>Yes</mark>
County Randall		Watershed HUC	Natershed HUC# (if known) 111201030106							
Drainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004										
100-Year Flood	Risk Summary	/								
Population at risk	35		# of structures	14			Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	224		Roadway(	s) impacted	l (length)	4			
Number of low water crossings 0			Historical	road closur	sures <mark>0</mark>					

Total Cost	\$250,000	Amount of Available Funding	165,250	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Comanche Drainage Channel (City of Amarillo)

#### ID# 011000118

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

CANADIAN

REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type Project Planning							
Study description Evaluate project to quantify to from 2019 Amarillo DMP.	oenefits, evaluate impac	ts and begin design. Im	provemen	ts to Comanc	he Draina	age Channel. F	Project identified
New Hydrologic or Hydraulic model? Yes	Emergency Ne	ed? No	Existing	g/Anticipated	models i	in near term?	Yes
County Randall	Watershed HUC# (if known) 111201030106						
Drainage area (Square miles, est.) 11	Goal(s) 0	1000003, 01000004					
100-Year Flood Risk Summary							
Population at risk 35	# of structures <mark>1</mark>	4		Critical facilit	ies <mark>0</mark>		
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) 224		Roadway(s) impacted	(length)	4			
Number of low water crossings 0		Historical road closure	es	0			

Total Cost	\$250,000	Amount of Available Funding	109,000	Federal funding availability	Yes
Funding source	Randall, Amarillo				





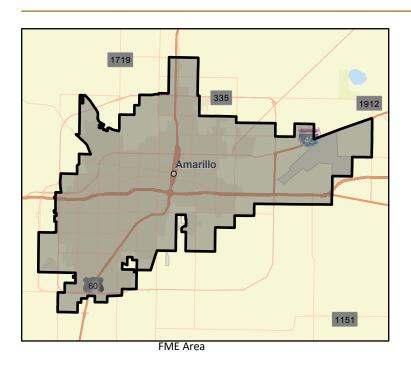
Title Pump Station Rehab (City of Amarillo)

ID# 011000170



011000172									
Sponsor (name of entity, not person)	MULTIPLE								
RFPG recommend? Yes	Reason for R	ecommendation	Action align	ns with goa	ith goals and meets TWDB guidance				
Study Details									
Study type Preparedness									
Study description Evaluate six curren	Study description Evaluate six current pump stations to identify improvements; selected based on stakeholder feedback								
New Hydrologic or Hydraulic model?	Yes	Emergency N	eed? No		Existin	ting/Anticipated models in near term? Yes			
County Potter, Randall		Watershed HUC#	# (if known) 110901050308, 110901050309, 110901050402, 111201030101,						
Drainage area (Square miles, est.) 102	2	Goal(s)	01000003, 010	000004					
100-Year Flood Risk Summary									
Population at risk 12,344		# of structures	1,703			Critical facilit	ties <mark>7</mark>		
Flood risk type: Riverine? Yes	Coa	stal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) 21	.3		Roadway(s)	) impacted	(length)	103			
Number of low water crossings 6			Historical road closures 6						
			instoricarie			0			
Estimated Cost and Funding Ava	ailability								
Lotiniated Cost and Funding Ava	anabiiity								

Total Cost	\$125,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





Regional view of FME area

Title Convert Playa ASAPP Models into ICPR (City of Amarillo)



ID#	011000173
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

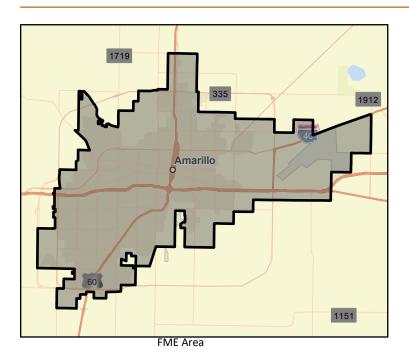
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### Study Details

Study type Watershed Plan	ning								
Study description Create Streamli	ne Technolog	ies ICPR Version 4 mo	del of Amarillo	o Playas in	order to m	ore easily upo	late and	use models	
New Hydrologic or Hydraulic mode	Emergency	Need? <mark>No</mark>		Existin	g/Anticipated	l models	in near term	? Yes	
County Potter, Randall	Watershed HUC	Watershed HUC# (if known) 110901050		50308, 110901050309, 110901050402, 111201030				1030101,	
Drainage area (Square miles, est.) 102 Goal(s) 01000001, 01000002									
100-Year Flood Risk Summary	Y								
Population at risk 12,344		# of structures	1,703			Critical facilit	ties <mark>7</mark>		
Flood risk type: Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres)		Roadway(	s) impacted	d (length)	103				
Number of low water crossings 6			Historical road closur		ures 6				

Total Cost	\$500,000	Amount of Available Funding	125,000	Federal funding availability	Yes
Funding source	Randall, Amarillo				





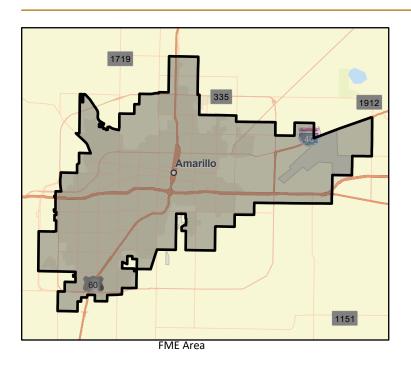
Title Amarillo City Drainage Master Plan

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ID# <mark>011000082</mark>	011000082								
Sponsor (name of	entity, not person)	MULTIPLE							
RFPG recommend	Yes	Reason for I	n for Recommendation Action aligns wit		vith goals and me	ith goals and meets TWDB guidance			
						_			
Study Details									
Study type	Watershed Plannin	g							
Study description	udy description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Update existing drainage mater plan.								
New Hydrologic or Hydraulic model? Yes			Emergency N	Existin	Existing/Anticipated models in near term? Yes				
County Potter, Ra	ndall		Watershed HUC#	d HUC# (if known) <mark>110901050308, 110901050309, 110901050402, 111201030101,</mark>					)1030101,
Drainage area (Squ	are miles, est.) 102	2	Goal(s) 01000001, 01000002, 01000005, 01000006						
100-Year Flood	Risk Summary								
Population at risk	12,344		# of structures	1,703		Critical facili	ties <mark>7</mark>		
Flood risk type:	Riverine? Yes	Coa	stal? <mark>No</mark>	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land ii	mpacted (acres) 21	3		Roadway(s) im	pacted (length)	103			
Number of low water crossings 6				Historical road	closures	6			
Estimated Cost	and Funding Ava	ailability							

Total Cost	\$1,000,000	Amount of Available Funding	250,000	Federal funding availability	Yes
Funding source	Randall, Amarillo				





Title Spring Draw Watershed Study



ID#	011000175
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

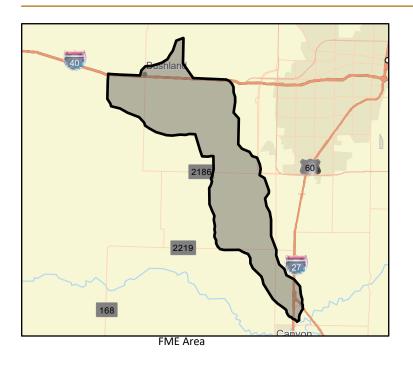
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Watershed Plan	ning							
Study description		0,	lop conceptual alterna yon, and Randall Coun		l rank projects	. Marked as h	igh priori	ty in 2019 Am	iarillo DMP. Joint
New Hydrologic or Hydraulic model? Yes			Emergency N	leed? No	Existin	g/Anticipated	l models i	in near term?	Yes
County Potter, Randall			Watershed HUC#	# (if known) <mark>11120</mark>	1020303				
Drainage area (Square miles, est.) 44			Goal(s) 01000001, 01000002						
100-Year Flood	Risk Summary	/							
Population at risk	134		# of structures	52		Critical facilities 0			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres)	858		Roadway(s) impa	cted (length)	5			
Number of low water crossings 1		1		Historical road closures		1			
Estimated Cost	timated Cost and Funding Availability								

Total Cost	\$499,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





Title Borger City Drainage Master Plan

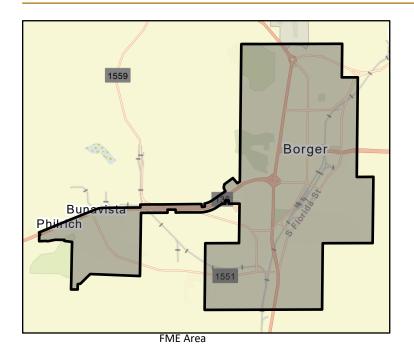


# ID# 011000001 Sponsor (name of entity, not person) Borger (Municipality) RFPG recommend? No Reason for Recommendation City is already developing a master plan Study Details Vatershed Planning Vatershed Planning Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

New Hydrologic or Hydraulic model? Yes	Emergency Need? No	Existing/Anticipated models in near term? No
County Hutchinson	Watershed HUC# (if known) 110	901060106, 110901060107, 110901060109, 110901060204
Drainage area (Square miles, est.) 9	Goal(s) <mark>01000001, 01000</mark>	002, 01000005, 01000006

#### **100-Year Flood Risk Summary** Critical facilities 2 Population at risk 554 # of structures 147 Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No Roadway(s) impacted (length) Farm/Ranch land impacted (acres) 13 5 Number of low water crossings 0 Historical road closures 0

Total Cost	\$250,000	Amount of Available Funding -	Federal funding availability No	
Funding source	-			





Title City of Fritch GIS Development

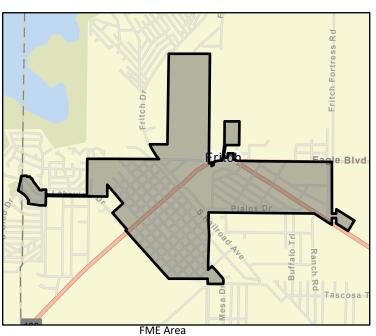
ID# 011000107

Funding source

-



011000107										
Sponsor (name of	entity, not person)	Fritch (Mu	unicipality)							
RFPG recommend	? Yes	Reason	for Recommendation	Action alig	ns with go	oals and me	ets TWDB	guidance		
Study Details										
Study type Other										
Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response										
New Hydrologic or Hydraulic model? No Emergency				leed? <mark>No</mark>		Existin	g/Anticipat	ted models	in near term	ו? <mark>No</mark>
County Hutchinson, Moore Watershed HU			Watershed HUC#	# (if known)	11090105	50707, 1109	01050708	, 11090106	0105	
Drainage area (Squ	uare miles, est.) 2		Goal(s)	<mark>01000001, 01</mark>	.000002					
100-Year Flood	Risk Summary									
Population at risk	117		# of structures 76			Critical facilities 0				
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>6</mark>			Roadway(s	) impacte	d (length)	4			
Number of low water crossings 0				Historical road closures			0			
Estimated Cost	and Funding Av	ailability								
Total Cost	\$50,000	Am	ount of Available Fund	ing -		Fe	deral fund	ing availabil	ity No	





Title White Deer City Drainage Master Plan

ID# 011000094

## REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

Sponsor (name of entity, not person) White Deer (Municipality)   RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance     Study Details     Study type   Study description     Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs     New Hydrologic or Hydraulic model? Yes   Emergency New? No   Existing/Anticipated models in near term? No   County Carson   Ounty Carson   Vatershed HUC# (if known)   111203-1100-1        TooYear Flood Risk Summary   Population at risk 0   # of structures 0   Coastal? No   Dical? No   Playa? Yes   Other? No	10# 011000094						
Study Details       Vatershed Planning         Study description       Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs         New Hydrologic or Hydraulic model? Yes       Emergency Need? No       Existing/Anticipated models in near term? No         County Carson       Watershed HUC# (if known) 111203010301       Image: County Carson (Superimers, est.) 2       Goal(s) 0100001, 0100002, 01000005, 01000006         IDO-Year Flood Risk Summary         Population at risk 0       # of structures 0       Critical facilities 0         Flood risk type:       Riverine? Yes       Coastal? No       Playa? Yes       Other? No	Sponsor (name of entity, not person) W	hite Deer (Municipality)					
Study type Watershed Planning   Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs   New Hydrologic or Hydraulic model? Yes Emergency Need? No   Existing/Anticipated models in near term? No   County Carson Watershed HUC# (if known) 111203010301   Drainage area (Square miles, est.) 2 Goal(s) 0100001, 0100002, 01000005, 01000006	RFPG recommend? Yes	Reason for Recommendation	Action aligns with go	als and me	ets TWDB gui	idance	
Study type Watershed Planning   Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs   New Hydrologic or Hydraulic model? Yes Emergency Need? No   Existing/Anticipated models in near term? No   County Carson Watershed HUC# (if known) 11120301   Drainage area (Square miles, est.) 2 Goal(s) 0100001, 01000005, 01000005   Critical facilities 0   Population at risk 0   # of structures 0 Critical facilities 0   Flood risk type: Riverine? Yes Coastal? No   Local? No Playa? Yes Other? No							
Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs   New Hydrologic or Hydraulic model? Yes Emergency Need? No   Existing/Anticipated models in near term? No   County Carson Watershed HUC# (if known) 111203010301   Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002, 01000005, 01000006   100-Year Flood Risk Summary   Population at risk 0   # of structures 0   Critical facilities 0   Flood risk type:   Riverine? Yes   Coastal? No   Local? No   Playa? Yes   Other? No	Study Details						
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No   County Carson Watershed HUC# (if known) 111203010301   Drainage area (Square miles, est.) 2 Goal(s) 0100001, 01000005, 01000005 <b>100-Year Flood Risk Summary</b> Population at risk 0   # of structures 0 Critical facilities 0   Flood risk type: Riverine? Yes Coastal? No   Local? No   Playa? Yes Other? No	Study type Watershed Planning						
County Carson       Watershed HUC# (if known) 111203010301         Drainage area (Square miles, est.) 2       Goal(s) 01000001, 01000002, 01000005, 01000006 <b>100-Year Flood Risk Summary</b> Population at risk 0       # of structures 0         Flood risk type:       Riverine? Yes       Coastal? No       Local? No       Playa? Yes       Other? No	Study description Perform H&H model	ing, develop conceptual alterna	tives and OPCC, and ra	nk projects;	; selected bas	ed on HMAPs	
County Carson       Watershed HUC# (if known) 111203010301         Drainage area (Square miles, est.) 2       Goal(s) 01000001, 01000002, 01000005, 01000006 <b>100-Year Flood Risk Summary</b> Population at risk 0       # of structures 0         Flood risk type:       Riverine? Yes       Coastal? No       Local? No       Playa? Yes       Other? No							
County Carson       Watershed HUC# (if known) 111203010301         Drainage area (Square miles, est.) 2       Goal(s) 01000001, 01000002, 01000005, 01000006 <b>100-Year Flood Risk Summary</b> Population at risk 0       # of structures 0         Flood risk type:       Riverine? Yes       Coastal? No       Local? No       Playa? Yes       Other? No							
County Carson       Watershed HUC# (if known) 111203010301         Drainage area (Square miles, est.) 2       Goal(s) 01000001, 01000002, 01000005, 01000006 <b>100-Year Flood Risk Summary</b> Population at risk 0       # of structures 0         Flood risk type:       Riverine? Yes       Coastal? No       Local? No       Playa? Yes       Other? No							
Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002, 01000005, 01000006 <b>100-Year Flood Risk Summary</b> Population at risk 0 # of structures 0 Critical facilities 0   Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No	New Hydrologic or Hydraulic model? Ye	Emergency Ne	eed? No	Existin	g/Anticipated	models in near te	rm? <mark>No</mark>
<b>100-Year Flood Risk Summary</b> Population at risk       0       # of structures       0       Critical facilities       0         Flood risk type:       Riverine?       Yes       Coastal?       No       Playa?       Yes       Other?       No	County Carson	Watershed HUC#	(if known) <mark>11120301</mark>	0301			
Population at risk     0     # of structures     0     Critical facilities     0       Flood risk type:     Riverine?     Yes     Coastal?     No     Local?     No     Playa?     Yes     Other?     No	Drainage area (Square miles, est.) 2	Goal(s)	01000001, 01000002, (	)1000005, (	01000006		
Population at risk     0     # of structures     0     Critical facilities     0       Flood risk type:     Riverine?     Yes     Coastal?     No     Local?     No     Playa?     Yes     Other?     No							
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No	100-Year Flood Risk Summary						
	Population at risk 0	# of structures (	0		Critical facilities 0		
Form (Panch land impacted (acros) 2 Postway(s) impacted (langth) 0	Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa?	Yes	Other? No	
	Farm/Ranch land impacted (acres) 3		Roadway(s) impacted	d (length)	0		
Number of low water crossings     0     Historical road closures     0	Number of low water crossings 0		Historical road closu	res	0		
Estimated Cost and Funding Availability	Estimated Cost and Funding Avai	lability					
Total Cost \$250,000 Amount of Available Funding - Federal funding availability No	Total Cost \$250,000	Amount of Available Fundi	ng -	Fe	deral funding	availability No	

Funding source -



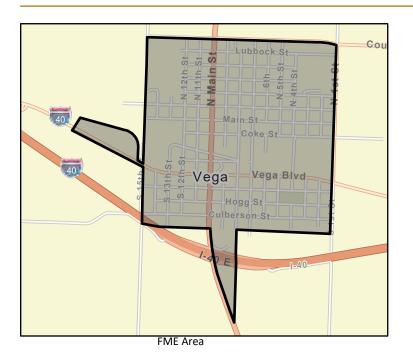


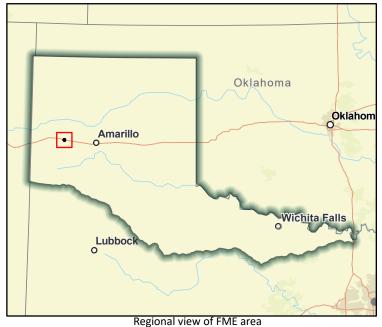
Title Vega City Drainage Master Plan



ID# <mark>011000084</mark>										
Sponsor (name of	entity, not person)	Vega (Mur	nicipality)							
RFPG recommend	? Yes	Reason	for Recommendation	r Recommendation Action aligns wit			ith goals and meets TWDB guidance			
Study Details										
Study type	Study type Watershed Planning									
Study description	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses									
New Hydrologic or Hydraulic model? Yes			Emergency N	nergency Need? No Existin			d models i	in near term	n? <mark>No</mark>	
County Oldham			Watershed HUC#	C# (if known) 110901050101, 111201020205, 111201020206						
Drainage area (Squ	uare miles, est.) 1		Goal(s)	01000001, 01000	0002, 01000005	, 01000006				
100-Year Flood	Risk Summary									
Population at risk	0		# of structures <mark>0</mark>			Critical facili	cilities <mark>0</mark>			
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa	No	Other?	No		
Farm/Ranch land i	mpacted (acres) <mark>0</mark>			Roadway(s) im	0					
Number of low water crossings 0				Historical road	0					
Estimated Cost	and Funding Av	ailability								

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability No
Funding source	-		





Title Burkburnett City Drainage Master Plan

#### ID# 011000081

Sponsor (name of entity, not person) Burkburnett (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

CANADIAN

REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

shed Planning m H&H modeling, dev	elop conceptual alterna	atives and OPC	CC, and rank projects	: selected bas	ed on the	e needs anal	rcic.
n H&H modeling, dev	elop conceptual alterna	atives and OP	C, and rank projects	: selected bas	ed on the	e needs anal	veic.
				,			/515
ılic model? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipated	l models i	in near term	? Yes
County Wichita Watershed H				301020304 <i>,</i> 1	1130102	0305	
es, est.) <mark>11</mark>	Goal(s)	01000001, 01	000002,01000005,	01000006			
ummary							
	# of structures	# of structures 47		Critical facilities 0			
ne? <mark>Yes</mark>	Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land impacted (acres) 184			) impacted (length)	7			
Number of low water crossings 7			oad closures	9			
il ri e	. ,	Watershed HUC2 iles, est.) 11 Goal(s) Summary # of structures rine? Yes Coastal? No ed (acres) 184	Watershed HUC# (if known) iles, est.) 11 Goal(s) 01000001, 01 Summary # of structures 47 rine? Yes Coastal? No Local? No ed (acres) 184 Roadway(s)	Watershed HUC# (if known)       111301020302, 1113         iles, est.)       11         Goal(s)       01000001, 01000002, 01000005, 0         Summary       # of structures         # of structures       47         rine?       Yes       Coastal? No       Local? No       Playa?         ed (acres)       184       Roadway(s) impacted (length)	Watershed HUC# (if known)       111301020302, 111301020304, 1         iles, est.)       11         Goal(s)       01000001, 01000002, 01000005, 01000006         Summary       # of structures         # of structures       47         critical facility         rine? Yes       Coastal? No         Local? No       Playa?         No         ed (acres)       184	Watershed HUC# (if known)       111301020302, 111301020304, 11130102         iles, est.)       11         Goal(s)       01000001, 01000002, 01000005, 01000006         Summary       # of structures         # of structures       47         critical facilities       0         rine? Yes       Coastal? No       Local? No       Playa?       No       Other?         ed (acres)       184       Roadway(s) impacted (length)       7	Watershed HUC# (if known)       111301020302, 111301020304, 111301020305         iles, est.)       11       Goal(s)       01000001, 01000002, 01000005, 01000006         Summary         # of structures       47       Critical facilities 0         rine? Yes       Coastal? No       Local? No       Playa?       No       Other? No         ed (acres)       184       Roadway(s) impacted (length)       7

#### Estimated Cost and Funding Availability

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability <mark>No</mark>
Funding source	-		





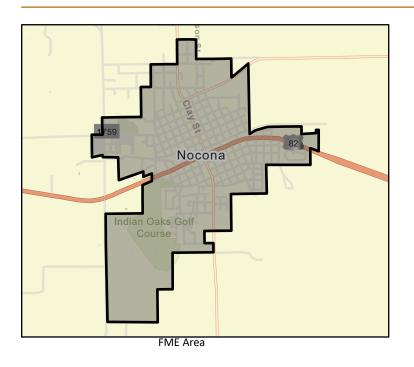
Title Nocona City Drainage Master Plan

ID# 01100000



10# 011000083									
Sponsor (name of	entity, not person)	Nocona (N	1unicipality)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wit	h goals and me	ets TWDB gu	idance		
						_			
Study Details									
Study type	Watershed Plannin	ıg							
Study description	Perform H&H mod	leling, deve	lop conceptual alterna	atives and OPCC, and	d rank projects	; selected bas	sed on su	rvey respor	ises
New Hydrologic or Hydraulic model? Yes Emergency I				leed? <mark>No</mark>	Existin	g/Anticipated	l models i	in near tern	n? <mark>Yes</mark>
County Montague	2		Watershed HUC	# (if known) <mark>11130</mark>	2010209, 1113	302010502			
Drainage area (Squ	are miles, est.) 3		Goal(s)	01000001, 0100000	02, 01000005, (	01000006			
100-Year Flood	Risk Summary								
Population at risk	26		# of structures 3		Critical facilities 0				
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No	
Earm/Panch land i	mpacted (acres) 1			Roadway(s) impa					
						0			
Number of low water crossings 0				Historical road cl	0				
<b>Estimated Cost</b>	and Funding Av	ailability							

Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				



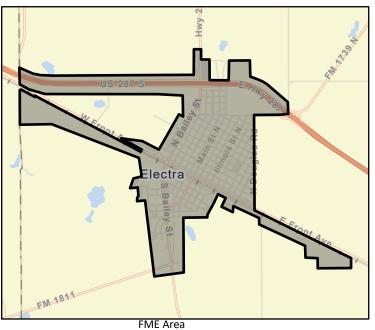


Title Electra City Drainage Master Plan

## CANADIAN REGIONAL FLOOD PLANNING GROUP

ID# <mark>011000096</mark>											
Sponsor (name of e	entity, not person)	Electra (M	unicipality)								
RFPG recommend?	Yes	Reason	for Recommendation	r Recommendation Action aligns with goal			oals and meets TWDB guidance				
Study Details											
Study type	Watershed Planni	ng									
Study description	Perform H&H mod	erform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis									
New Hydrologic or Hydraulic model? Yes Emergency I				leed? No	Existin	g/Anticipate	d models	in near term	ı? <mark>Yes</mark>		
County Wichita Watershed HU				# (if known) <mark>1113</mark>	801020203, 1113	302060403,	11130207	0402			
Drainage area (Squa	are miles, est.) <mark>3</mark>		Goal(s)	01000001, 01000002, 01000005, 01000006							
100-Year Flood F	Risk Summary										
Population at risk	17		# of structures 7			Critical faci	lities <mark>0</mark>				
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No			
Farm/Ranch land in	npacted (acres) <mark>1</mark>	3		Roadway(s) imp	acted (length)	2					
Number of low water crossings 0				Historical road o	closures	0					
Estimated Cost a	and Funding Av	<i>v</i> ailability									
Total Cost	250.000	Am	ount of Available Fundi	ing -	Fe	ederal fundir	ng availabil	ity No			

Funding source -





Title Pleasant Valley City Drainage Master Plan

#### ID# 011000073

Sponsor (name of entity, not person) Pleasant Valley (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

CANADIAN

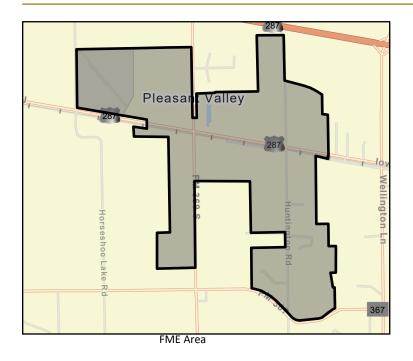
REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type	Watershed Plan	ning								
Study description	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains									
New Hydrologic or	Hydraulic mode	? Yes	Emergency N	leed? <mark>No</mark>		Existin	g/Anticipated	models	in near term?	Yes
County Wichita			Watershed HUC#	Watershed HUC# (if known) 111302060406, 111302060407						
Drainage area (Squ	are miles, est.)	3	Goal(s)	Goal(s) 01000001, 01000002, 01000005, 01000006						
<b>100-Year Flood</b> Population at risk Flood risk type: Farm/Ranch land ir Number of low wa	248 Riverine? <mark>Yes</mark> npacted (acres)		# of structures Coastal? No	Local? No Roadway(	s) impacted		Critical facilit No 1 3	ies <mark>0</mark> Other?	No	

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability No
Funding source	-		





Title Iowa Park City Drainage Master Plan

#### ID# 011000089

Sponsor (name of entity, not person) Iowa Park (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

CANADIAN

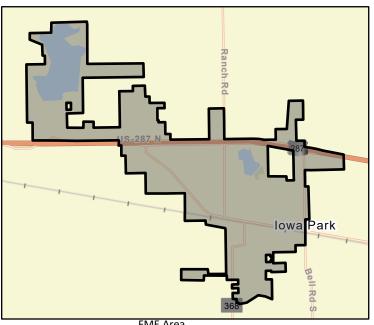
REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type	Watershed Planning							
Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses ar analysis							s and the needs	
New Hydrologic or	Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	models	in near term?	Yes
County <mark>Wichita</mark>		Watershed HUC#	# (if known) 1113020	<mark>)60404, 111</mark>	302060406			
Drainage area (Squ	are miles, est.) <mark>4</mark>	Goal(s)	01000001, 01000002,	01000005,	01000006			
100-Year Flood	Risk Summary							
Population at risk	181	# of structures	121		Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>42</mark>		Roadway(s) impact	ed (length)	5			
Number of low wa	ter crossings 2		Historical road clos	ures	2			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	62,500	Federal funding availability	Yes
Funding source	Wichita				





FME Area

Title Skelleytown City Drainage Master Plan

#### ID# 011000100

Sponsor (name of entity, not person) Skellytown (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

REGION CANADIAN

REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

County Carson       Watershed HUC# (if known) 110901060302, 11090100         Drainage area (Square miles, est.) 0       Goal(s) 01000001, 01000002, 01000005, 0100         100-Year Flood Risk Summary							
New Hydrologic or Hydraulic model? Yes       Emergency Need? No       Existing/An         County Carson       Watershed HUC# (if known)       110901060302, 11090106         Drainage area (Square miles, est.)       0       Goal(s)       01000001, 01000002, 01000005, 0100 <b>100-Year Flood Risk Summary</b> Population at risk       0       # of structures       0       Critic	Watershed Planning						
County Carson       Watershed HUC# (if known) 110901060302, 11090100         Drainage area (Square miles, est.) 0       Goal(s) 01000001, 01000002, 01000005, 0100         100-Year Flood Risk Summary       Population at risk 0       # of structures 0       Critic	ted based on HMAPs						
Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002, 01000005, 0100 100-Year Flood Risk Summary Population at risk 0 # of structures 0 Critic	cipated models in near term? No						
<b>100-Year Flood Risk Summary</b> Population at risk       0       # of structures       0       Critic	0307						
Population at risk 0 # of structures 0 Criti	006						
	al facilities 0						
Flood risk type: Riverine? No Coastal? No Local? No Playa? No							
	Other? No						
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0							
Number of low water crossings         0         Historical road closures         0							

Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





Title Palisades City Drainage Master Plan



ID#	011000066	
Spor	nsor (name of entity, not person)	MULTIPLE

RFPG recommend? Yes

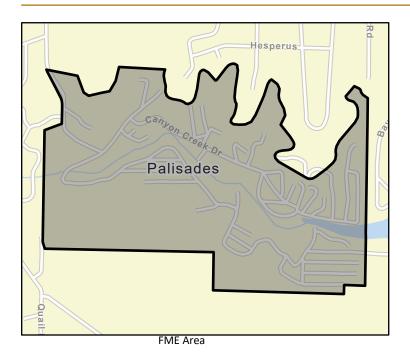
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Watershed Planning							
Study description	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains							
New Hydrologic or	Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	d models	in near term?	Yes
County Randall		Watershed HUC#	# (if known) 11120103	<mark>0102, 1112</mark>	201030103			
Drainage area (Squ	are miles, est.) <mark>1</mark>	Goal(s)	01000001, 01000002, 0	)1000005, (	01000006			
100-Year Flood	Risk Summary							
Population at risk	73	# of structures	45		Critical facili	ties <mark>1</mark>		
Flood risk type:	Riverine? <mark>Yes</mark>	Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2								
Number of low wa	ter crossings 1		Historical road closu	res	1			

Total Cost	\$250,000	Amount of Available Funding -	Federal funding availability No
Funding source	-		

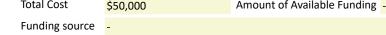


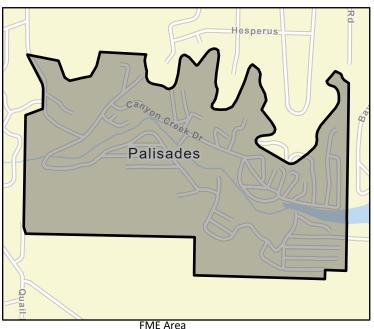


Title City of Palisades GIS Development



ID# 011000103									
Sponsor (name of	entity, not person	) <mark>MULTIP</mark>	LE						
RFPG recommend	? <mark>Yes</mark>	Reaso	on for Recommendation	ith goals and meets TWDB guidance					
Study Details									
Study type	Other								
Study description	Develop GIS inve	ntory and	condition assessment for	r flood infrastructu	ire; selected b	ased on sur	vey response	2	
New Hydrologic o	r Hydraulic model	No	Emergency N	eed? <mark>No</mark>	Exist	ing/Anticipa	ated models	in near term	? Yes
County Randall			Watershed HUC#	Watershed HUC# (if known) 111201030102, 111201030103					
Drainage area (Sq	uare miles, est.) <mark>1</mark>		Goal(s)	01000001, 01000	002				
100-Year Flood	Risk Summary								
Population at risk	73		# of structures	45		Critical fa	cilities <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa	? <mark>Yes</mark>	Other?	No	
Farm/Ranch land i	impacted (acres) (	)		Roadway(s) imp	oacted (length	2			
Number of low wa	ater crossings	1		Historical road	closures	1			
Estimated Cost	and Funding A	vailabilit	Ŋ						
Total Cost	\$50,000	A	mount of Available Fundi	ng -		Federal fun	ding availabi	lity No	







FME Area

Title Improve Creek Crossing (City of Palisades)



ID#	011000180
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

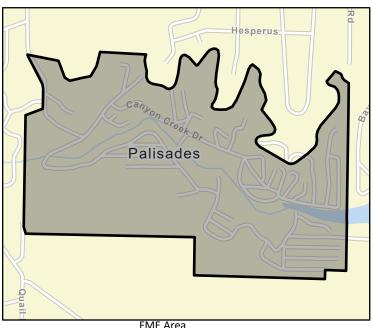
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Project Planning							
Study description	ivaluate proposed improvements (upgrade bridge and increase channel flow) to current crossing to develop a cost, quantify benefits, ivaluate impacts, and begin design. Project identified from survey response.							
New Hydrologic or	Hydraulic model? Yes	Emergency N	leed? No	Existin	g/Anticipated	models	in near term?	Yes
County <mark>Randall</mark>		Watershed HUC#	Watershed HUC# (if known) 111201030102, 111201030103					
Drainage area (Squ	iare miles, est.) <mark>1</mark>	Goal(s)	01000005, 01000006					
100-Year Flood	Risk Summary							
Population at risk	73	# of structures	45		Critical facilit	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes	Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>0</mark>		Roadway(s) impacted	d (length)	2			
Number of low wa	ter crossings 1		Historical road closu	res	1			
<b>Estimated Cost</b>	and Funding Availability							

		0				
Total Cost	\$250,000		Amount of Available Funding	-	Federal funding availability	No
Funding source	-					





FME Area



Title	Timbercreek	Canyon	City	Drainage	Master	Plan
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#### ID# 011000095

Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

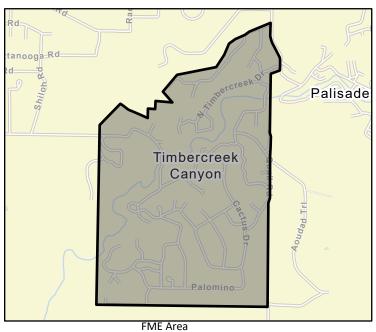
Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type Watershed Planning							
Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis							
New Hydrologic or Hydraulic model? Yes	Emergency N	leed? <mark>No</mark>	Existin	g/Anticipated	l models i	in near term	? Yes
County Randall	Watershed HUC	# (if known) 11120103	30102, 1112	201030103			
Drainage area (Square miles, est.) 1	Goal(s)	01000001, 01000002,	01000005,	01000006			
100-Year Flood Risk Summary							
Population at risk 36	# of structures	19		Critical facilit	ties <mark>1</mark>		
Flood risk type: Riverine? Yes	Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Flood risk type: Riverine? Yes Farm/Ranch land impacted (acres) 0	Coastal? No	Local? <mark>No</mark> Roadway(s) impacte		Yes	Other?	No	
/1	Coastal? No		d (length)		Other?	No	

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	37,500	Federal funding availability	Yes
Funding source	Randall, Timbercreek Cany	yon			





Title Panhandle City Drainage Master Plan

#### ID# 011000101

Sponsor (name of entity, not person) Panhandle (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

REGION CANADIAN

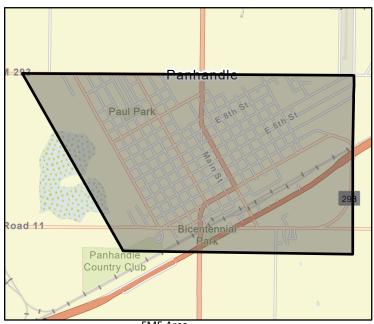
REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type	Watershed Plann	ning							
Study description	Perform H&H mo	odeling, devel	lop conceptual alterna	tives and OP	CC, and rank projec	ts; selected ba	sed on HI	MAPs	
New Hydrologic or	r Hydraulic model	? Yes	Emergency N	eed? <mark>No</mark>	Exist	ing/Anticipate	d models	in near term	No No
County Carson			Watershed HUC#	t (if known)	<mark>111203010105, 11</mark>	1203010107			
Drainage area (Squ	uare miles, est.) 💈	2	Goal(s)	01000001, 0	1000002, 01000005	, 01000006			
100-Year Flood Risk Summary									
Population at risk	55		# of structures	14		Critical facil	ities <mark>3</mark>		
Flood risk type:	Riverine? Yes	(	Coastal? No	Local? No	Playa	? Yes	Other?	No	
nood nok type.									
Farm/Ranch land i	impacted (acres)	0		Roadway(s	s) impacted (length)	1			
	,	0			s) impacted (length) road closures	1 0			

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding -	Federal funding availability No
Funding source	-		





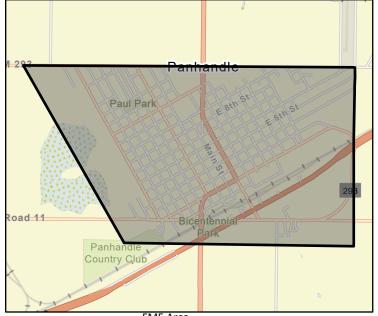
FME Area

Title City of Panhandle GIS Development

## REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

ID# <mark>011000112</mark>									
Sponsor (name of	entity, not person)	Panhandl	e (Municipality)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns w	ith goals and i	neets TWDB	guidance		
Study Details									
Study type	Other								
Study description	Develop GIS inven	tory and c	ondition assessment fo	r flood infrastruct	ure; selected b	ased on surv	ey response		
New Hydrologic or	r Hydraulic model?	No	Emergency N	leed? No	Exis	ing/Anticipa	ted models i	n near term	? No
County Carson			Watershed HUC#	t (if known) 111	203010105, 12	1203010107	,		
Drainage area (Squ	uare miles, est.) 2		Goal(s)	01000001, 01000	002				
100-Year Flood	Risk Summary								
Population at risk	55		# of structures	14		Critical fac	cilities <mark>3</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa	? Yes	Other?	No	
	mpacted (acres) 0			Roadway(s) im	pacted (length	) 1			
Number of low wa	iter crossings 0			Historical road	closures	0			
Estimated Cost	and Funding Av	ailability							
Total Cost	\$50,000	Am	ount of Available Fund	ing -		Federal fund	ing availabil	ity No	

Funding source -





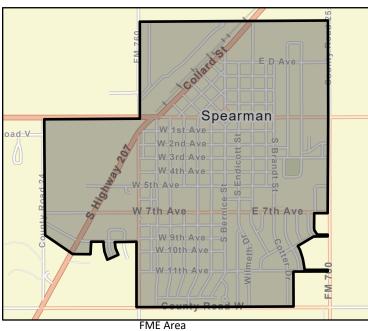
FME Area

Title City of Spearman GIS Development



ID# <mark>011000109</mark>									
Sponsor (name of	entity, not persor	n) <mark>Spearman</mark>	(Municipality)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns wi	with goals and meets TWDB guidance				
Study Details									
Study type	Other								
Study description	Develop GIS inve	entory and co	ondition assessment for	r flood infrastructu	ire; selected bas	ed on survey	response		
New Hydrologic or	Hydraulic model	? No	Emergency N	leed? <mark>No</mark>	Existin	g/Anticipated	d models i	n near term	? No
County Hansford			Watershed HUC#	# (if known) 1110	01040311, 1110	001040312			
Drainage area (Squ	are miles, est.)	2	Goal(s)	<mark>01000001, 010000</mark>	002				
100-Year Flood	Risk Summary	,							
Population at risk	2		# of structures	1		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	Yes	Other?	No	
Farm/Ranch land in	mpacted (acres)	1		Roadway(s) imp	acted (length)	1			
Number of low wa	ter crossings	0		Historical road o	closures	0			
Estimated Cost	and Funding A	vailability							

Total Cost Amount of Available Funding -Federal funding availability No \$50,000 Funding source -



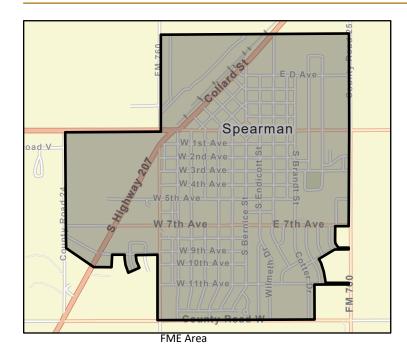


Title Spearman City Drainage Master Plan

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

Sponsor (name of entity, not person) Spearman (Municipality)									
Sponsor (name of entity, not person) Spearman (Municipality)									
RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance									
Study Details									
y type Watershed Planning									
iption Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains									
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No									
County Hansford Watershed HUC# (if known) 111001040311, 111001040312									
Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002, 01000005, 01000006									
<b>100-Year Flood Risk Summary</b> Population at risk       2       # of structures       1       Critical facilities       0									
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No									
Farm/Ranch land impacted (acres)    1      Roadway(s) impacted (length)    1									
Number of low water crossings         0         Historical road closures         0									
Estimated Cast and Funding Ausilability									

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability No	
Funding source	-			





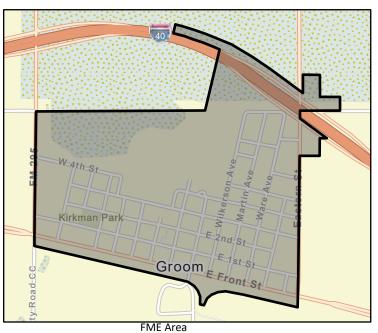
Title Groom City Drainage Master Plan

ID# 01100000



011000093									
Sponsor (name of e	entity, not persor	n) <mark>Groom (M</mark>	lunicipality)						
RFPG recommend?	Yes	Reason	for Recommendation	Action aligns with	n goals and me	ets TWDB gu	idance		
Study Details									
Study type	Watershed Planr	ning							
Study description	Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs								
New Hydrologic or	Hydraulic model	? <mark>Yes</mark>	Emergency N	leed? No	Existin	g/Anticipated	l models i	in near term	ו? <mark>No</mark>
County Carson			Watershed HUC#	# (if known) <mark>11120</mark>	2010104, 1112	203010201			
Drainage area (Squ	are miles, est.)	L	Goal(s)	01000001, 0100000	2, 01000005, 0	01000006			
100-Year Flood I	Risk Summary								
Population at risk	26		# of structures	19	Critical facilities 1				
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land ir	npacted (acres)	2		Roadway(s) impa	cted (length)	1			
Number of low wat	ter crossings	0		Historical road clo	osures	0			
Estimated Cost	and Funding A	vailability							

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability No
Funding source	-		



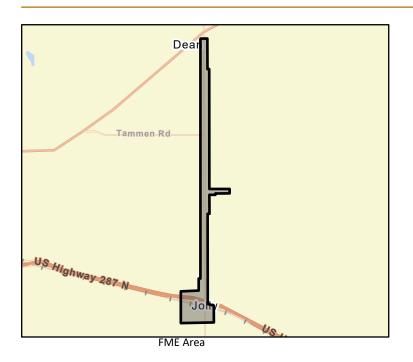


Title Jolly City Drainage Master Plan



ID# 011000063								
Sponsor (name of entity, not person) Jolly (Municipality)								
RFPG recommend? Yes Reason for Recommendation Act				th goals and me	ets TWDB gu	idance		
Study Details								
Study type Watershed Plannir	ng							
Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis						ysis		
New Hydrologic or Hydraulic model?	Yes	Emergency Ne	ed? No	Existin	g/Anticipated	models in	near term	? No
County <mark>Clay</mark>		Watershed HUC#	(if known) 1113	02090503, 1113	302090504 <i>,</i> 1	11302090	505	
Drainage area (Square miles, est.) 1		Goal(s) <mark>(</mark>	01000001, 010000	02, 01000005, (	01000006			
<b>100-Year Flood Risk Summary</b> Population at risk 12		# of structures 3	3		Critical facilit	ies <mark>0</mark>		
Flood risk type: Riverine? Yes	Coast	al? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land impacted (acres) 10	)		Roadway(s) imp	acted (length)	1			
Number of low water crossings2Historical road closures3								
Estimated Cost and Funding Availability								

Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





Title Vernon City Drainage Master Plan



ID# <mark>011000088</mark>									
Sponsor (name of entity, not person) Vernon (Municipality)									
RFPG recommend? Yes Reason for Recommendation A				Action aligns wi	th goals and me	ets TWDB gu	idance		
Study Details									
Study type	Watershed Planni	ng							
Study description	Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis						lysis		
New Hydrologic or	Hydraulic model?	Yes	Emergency N	leed? No	Existin	g/Anticipated	l models i	n near term	1? No
County Wilbarger			Watershed HUC#	# (if known) <mark>1113</mark>	01050204, 1113	301050206			
Drainage area (Squ	Drainage area (Square miles, est.)         8         Goal(s)         01000001, 01000002, 01000005, 01000006								
100-Year Flood	Risk Summary								
Population at risk	540		# of structures	61		Critical facilit	ties <mark>1</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land impacted (acres) <mark>5</mark>				Roadway(s) impacted (length)		13			
Number of low water crossings     0     Historical road closures     0									
Estimated Cost	and Funding A	ailability							

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability	No
Funding source	-			





Title Wichita Falls City Drainage Master Plan

#### ID# 011000098

Sponsor (name of entity, not person) Wichita Falls (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

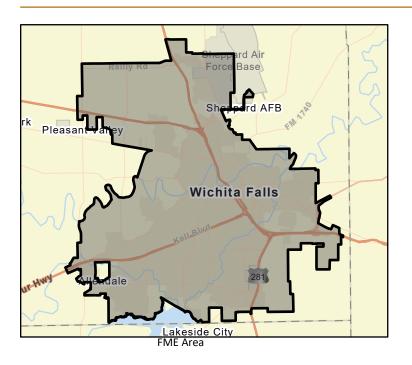
CANADIAN

REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type Watershed Planning	Watershed Planning							
	scription Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Update existing drainage mater plan. Selected based on survey responses and needs analysis.							
New Hydrologic or Hydraulic model? Yes	Emergency N	Need? No	Existin	g/Anticipated	l models	in near term	i? <mark>Yes</mark>	
County Wichita	Watershed HUC	# (if known) <mark>1113020</mark>	60303, 1113	302060304 <i>,</i> 1	1130206	0406, 11130	2060407,	
Drainage area (Square miles, est.) 72 Goal(s) 01000001, 01000002, 01000005, 01000006								
100-Year Flood Risk Summary								
Population at risk 14,057	# of structures	3,091		Critical facili	ties <mark>51</mark>			
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa?	Yes	Other?	No		
Farm/Ranch land impacted (acres) 44 Roadway(s) impacted (length) 121								
Number of low water crossings     46     Historical road closures     53								

Total Cost	\$1,000,000	Amount of Available Funding	1,000,000	Federal funding availability	Yes
Funding source	Wichita Falls				





Regional view of FME area

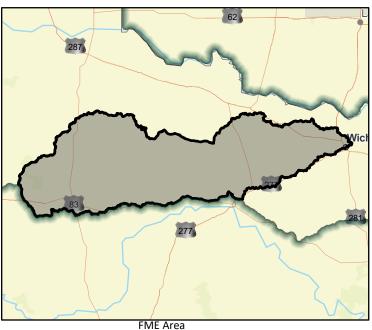
Title Detailed Hydrologic and Hydraulic Study of the Wichita River

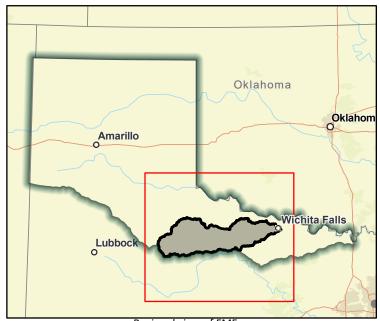
ID# 011000179



#### Sponsor (name of entity, not person) Wichita Falls (Municipality) RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Study Details** Study type Watershed Planning Study description Perform a detailed H&H study of the Wichita River watershed with a focus on the area in and around Wichita Falls; selected based on stakeholder feedback Existing/Anticipated models in near term? Yes New Hydrologic or Hydraulic model? Yes Emergency Need? No Watershed HUC# (if known) County Wichita, Foard, Cottle, Motley, Wilbarger, Drainage area (Square miles, est.) 3.174 Goal(s) 01000001, 01000002 **100-Year Flood Risk Summary** Critical facilities 28 Population at risk 10,390 # of structures 2,818 Playa? Yes Flood risk type: Riverine? Yes Coastal? No Local? No Other? No Farm/Ranch land impacted (acres) 271,233 Roadway(s) impacted (length) 182 Number of low water crossings 123 Historical road closures 178 **Estimated Cost and Funding Availability**

Total Cost	\$528,000	Amount of Available Funding 528,000	Federal funding availability Yes
Funding source	Wichita Falls		





Title Cashion City Drainage Master Plan

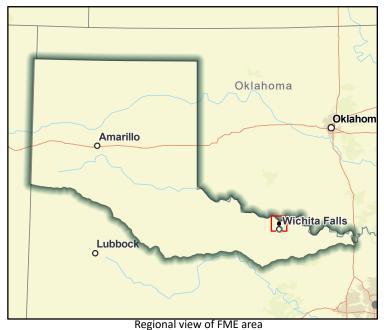
ID# 011000070



Sponsor (name of entity, not person) Cashion Community (Municipality)									
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns with g	oals and me	eets TWDB gu	idance		
Study Details									
Study type	Watershed Plan	ning							
Study description	scription Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis								
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes							n? <mark>Yes</mark>		
County Wichita			Watershed HUC#	ŧ (if known) <mark>1113010</mark>	20304, 1113	302060501			
Drainage area (Squ	uare miles, est.)	2	Goal(s)	01000001, 01000002,	01000005,	01000006			
100-Year Flood	Risk Summary	/							
Population at risk	0		# of structures	0		Critical facilit	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? <mark>No</mark>	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	6		Roadway(s) impacte	ed (length)	0			
Number of low wa	ter crossings	0		Historical road closu	ures	0			
Estimated Cost	Estimated Cost and Funding Availability								

Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability	No
Funding source	-				





Title Canyon Drainage Master Plan



ID#	011000177
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

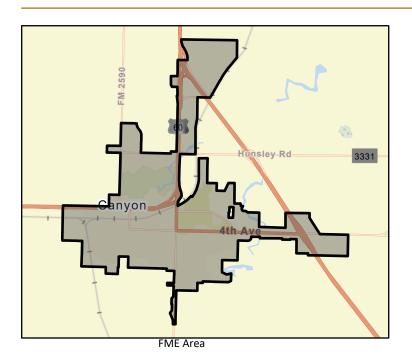
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Watershed Plan	ning							
Study description	Perform H&H m identified from H	-	p conceptual alterna	atives and OPCC, and	rank projects	, with a focus	on down	itown Canyc	n. Project
New Hydrologic or Hydraulic model? Yes			Emergency N	leed? <mark>No</mark>	Existin	g/Anticipated	l models i	in near term	i? Yes
County Randall			Watershed HUC	# (if known) 111201	1010609, 1112	201020303 <i>,</i> 1	1120102	0304 <i>,</i> 11120	1030101
Drainage area (Squ	are miles, est.)	7	Goal(s)	01000001, 0100000	2,01000005,	01000006			
100-Year Flood	Risk Summary	,							
Population at risk	1,265		# of structures	206	Critical facilities 0				
Flood risk type:	Riverine? Yes	Co	oastal? <mark>No</mark>	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land in	mpacted (acres)	150		Roadway(s) impac	cted (length)	15			
Number of low wa	ter crossings	7		Historical road clo	sures	7			
Estimated Cost	and Funding A	vailability							

	_	-		
Total Cost	\$250,000	Amount of Available Funding	-	Federal funding availability No
Funding source	-			





Title Improve Storm Water Drainage and Control Systems (City of Canyon)



ID#	0	1	1	0	0	0	1	7	8	
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

Reason for Recommendation

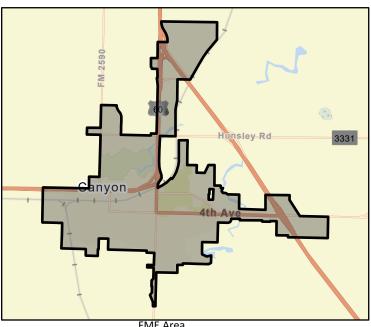
Action aligns with goals and meets TWDB guidance

#### **Study Details**

-											
Study type	Other										
Study description		nitiate a centralized data collection program to identify recurring flooding locations based on citizen complaints and road maintenance ogs; selected based on stakeholder feedback									
New Hydrologic o	r Hydraulic mode	I? Yes	Emergency N	leed? No	Existin	g/Anticipate	d models	in near term	? Yes		
County Randall			Watershed HUC	# (if known) <mark>11120</mark>	1010609, 1112	201020303, 1	1120102	0304, 11120	1030101		
Drainage area (Squ	uare miles, est.)	7	Goal(s)	01000001, 0100000	2,01000005,	01000006					
100-Year Flood	Risk Summary	/									
Population at risk	1,265		# of structures	206		Critical facilities 0					
Flood risk type:	Riverine? Yes	Со	astal? <mark>No</mark>	Local? No	Playa?	Yes	Other?	No			
Farm/Ranch land i	mpacted (acres)	150		Roadway(s) impa	cted (length)	15					
Number of low wa	iter crossings	7		Historical road clo	osures	res 7					
<b>Estimated</b> Cost	and Eurodian /	A waila hilith a									

#### Estimated Cost and Funding Availability

Total Cost	\$50,000	Amount of Available Funding -	Federal funding availability No
Funding source	-		





FME Area

Title Lake Tanglewood City Drainage Master Plan



ID#	0	1	1	0	0	0	0	6	5
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Sponsor (name of entity, not person) MULTIPLE

RFPG recommend? Yes

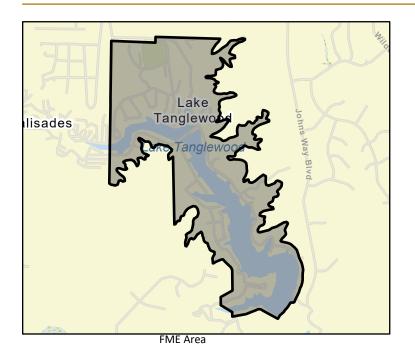
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

### Study Details

Study type Watershed Planning								
Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysi								
New Hydrologic or Hydraulic model? Yes	s Emerger	ncy Need? No	Existin	g/Anticipated mode	ls in near term?	Yes		
County Randall	Watershed I	HUC# (if known) <mark>111201</mark>	030103					
Drainage area (Square miles, est.) 2	Goa	l(s) 01000001, 01000002	, 01000005, (	01000006				
100-Year Flood Risk Summary								
100-Year Flood Risk Summary								
<b>100-Year Flood Risk Summary</b> Population at risk 297	# of struct	ures 121		Critical facilities 19				
	# of structo Coastal? <mark>No</mark>	ures 121 Local? No	Playa?		? <mark>No</mark>			
Population at risk 297								
Population at risk 297 Flood risk type: Riverine? Yes		Local? No	ted (length)	Yes Other				
Population at risk 297 Flood risk type: Riverine? Yes Farm/Ranch land impacted (acres) 7		Local? No Roadway(s) impact	ted (length)	Y <mark>es</mark> Other				

Total Cost	\$250,000	Amount of Available Funding -	Federal funding availability	No
Funding source	-			



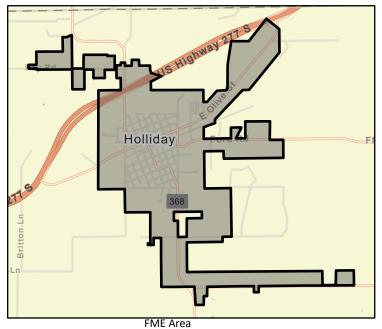


Title Holliday City Drainage Master Plan

### **REGION** CANADIAN PPER RED REGIONAL FLOOD PLANNING GROUP

ID# <mark>011000076</mark>											
Sponsor (name of	entity, not person)	Holliday (N	/unicipality)								
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns	with goals a	nd me	ets TWDB g	uidance			
Study Details											
Study type	Watershed Plannin	ng									
Study description	Perform H&H moo	leling, deve	lop conceptual alterna	tives and OPCC,	and rank pro	ojects	; selected ba	sed on HN	MAPs and th	e needs analysis	
New Hydrologic o	r Hydraulic model?	Yes	Emergency N	eed? <mark>No</mark>	E	xistin	g/Anticipate	d models	in near term	r? Yes	
County Archer			Watershed HUC#	t (if known) 11	1302060302	, 1113	302060303, :	11130206	0405		
Drainage area (Sq	uare miles, est.) 3		Goal(s)	<mark>01000001, 0100</mark>	0002, 01000	0005, (	01000006				
100-Year Flood	Risk Summary										
Population at risk	4		# of structures	4			Critical facil	ities <mark>0</mark>			
Flood risk type:	Riverine? <mark>Yes</mark>		Coastal? <mark>No</mark>	Local? <mark>No</mark>	Р	laya?	No	Other?	No		
Farm/Ranch land i	mpacted (acres) 5			Roadway(s) in	npacted (len	gth)	1				
Number of low wa	ater crossings 0			Historical road	d closures		0				
Estimated Cost	and Funding Av	ailability									
Total Cost	\$250.000	Amo	ount of Available Fundi	ng -		Fe	deral fundin	g availabil	ity No		

Funding source





Title Lakeside City City Drainage Master Plan

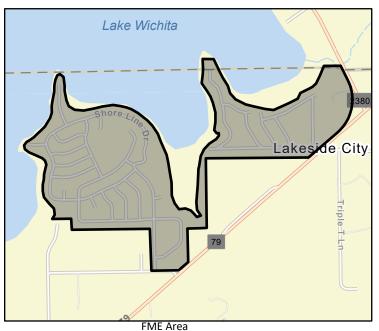
#### ID# 011000097

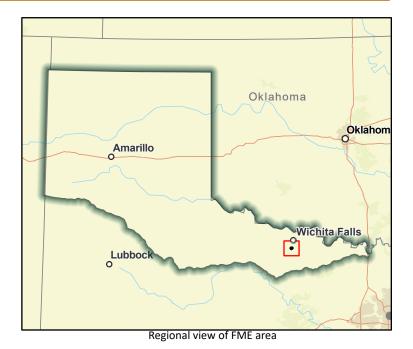
Sponsor (name of entity, not person) Lakeside City (Municipality) RFPG recommend? Yes Reason for Recommendation CANADIAN REGIONAL FLOOD PLANNING GROUP

Action aligns with goals and meets TWDB guidance

Study Details										
Study type	Watershed Plann	ing								
Study description	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis									needs analysis
New Hydrologic or	Hydraulic model?	Yes	Emergenc	y Need? <mark>No</mark>		Existin	g/Anticipated	l models	in near term?	Yes
County Wichita, A	rcher		Watershed HU	JC# (if known)	11130206	0303				
Drainage area (Squ	iare miles, est.) <mark>1</mark>		Goal(s	s) <mark>01000001, 0</mark>	1000002, 0	1000005, (	01000006			
<b>100-Year Flood</b> Population at risk	-		# of structure	es <mark>22</mark>			Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No		Playa?	Yes	Other?	No	
Farm/Ranch land in	mpacted (acres)	}		Roadway(	s) impacted	d (length)	th) 0			
Number of low wa	ter crossings (	)		Historical	road closur	res	0			
		- 1 - 1- 12								
Estimated Cost	and Funding A	-								

Total Cost \$250,000 Amount of Available Funding -Federal funding availability No Funding source -



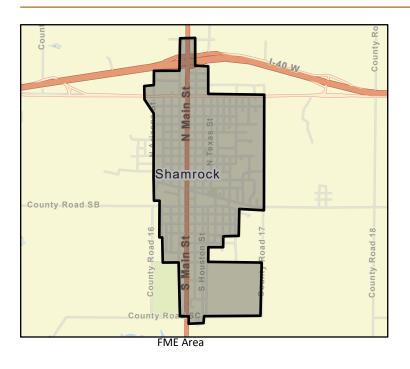


Title City of Shamrock GIS Development



ID# 011000104									
Sponsor (name of	entity, not persor	n) <mark>Shamrock</mark>	(Municipality)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns w	Action aligns with goals and me		uidance		
Study Details									
Study type	Other								
Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response									
New Hydrologic or	Hydraulic model	? No	Emergency I	Need? No	Existin	g/Anticipate	d models i	n near term	ו? <mark>No</mark>
County Wheeler			Watershed HUC	# (if known) 111	203020104, 1112	203040105			
Drainage area (Squ	uare miles, est.) 💈	2	Goal(s)	01000001, 01000	0002				
100-Year Flood	<b>Risk Summary</b>								
Population at risk	0		# of structures	0		Critical facili	ities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No	
		•							
Farm/Ranch land i	mpacted (acres)	0		Roadway(s) im	pacted (length)	1			
Number of low wa	ter crossings	0		Historical road	closures	0			
<b>Estimated Cost</b>	and Funding A	vailability							

Total Cost	\$50,000	Amount of Available Funding	Federal funding availability No
Funding source	-		



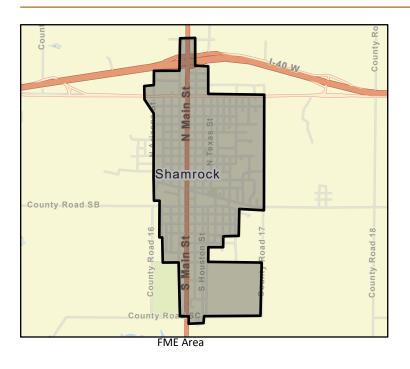


Title Shamrock City Drainage Master Plan

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

ID# 011000075									
Sponsor (name of	entity, not perso	n) <mark>Shamrock</mark>	(Municipality)						
RFPG recommend	? Yes	Reason	for Recommendation	Action aligns w	ith goals and me	ets TWDB gu	uidance		
Study Details									
Study type	Watershed Plan	ning							
Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains, wetlands, and playa lakes.									ysis and survey
New Hydrologic or	Hydraulic mode	? Yes	Emergency N	leed? No	Existin	g/Anticipate	d models i	in near term	? No
County Wheeler			Watershed HUC	# (if known) 1112	203020104, 1112	203040105			
Drainage area (Squ	are miles, est.)	2	Goal(s)	<mark>01000001, 010000</mark>	002, 01000005, (	01000006			
100-Year Flood	Risk Summary	,							
Population at risk	0		# of structures	0		Critical facili	ities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres)	0		Roadway(s) imp	pacted (length)	1			
Number of low wa	ter crossings	0		Historical road	closures	0			
Estimated Cost	and Funding A	vailability							

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability No
Funding source	-		





Title Darrouzett City Drainage Master Plan

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

### ID# 011000086

Sponsor (name of entity, not person) Darrouzett (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

#### **Study Details**

Study type	Watershed Planning							
Study description	Perform H&H modeling, de issues with rivers, creeks, ti	· ·		nk projects	; selected bas	sed on su	rvey respon	ses reporting
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No								I? No
County Lipscomb		Watershed HUC#	# (if known) 11100201	10306				
Drainage area (Squ	uare miles, est.) <mark>0</mark>	Goal(s)	01000001, 01000002, 0	01000005,	01000006			
100-Year Flood	Risk Summary							
Population at risk	1	# of structures	2		Critical facili	ties <mark>0</mark>		
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa?	No	Other?	No	
Farm/Ranch land i	mpacted (acres) <mark>6</mark>		Roadway(s) impacted	d (length)	0			
Number of low wa	ter crossings 0	0						
Estimated Cost	and Funding Availabilit	y						

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability	No
Funding source	-			



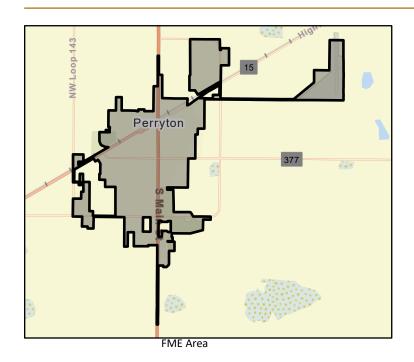


Title City of Perryton GIS Development

### REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

ID# 011000110									
Sponsor (name of	entity, not perso	n) Perryton	(Municipality)						
RFPG recommend	? <mark>Yes</mark>	Reason	for Recommendation	Action aligns wi	ith goals and me	eets TWDE	B guidance		
Study Details									
Study type	Other								
Study description	Develop GIS inv	entory and c	ondition assessment fo	ire; selected bas	ed on sur	vey response			
New Hydrologic or	r Hydraulic mode	I? <mark>No</mark>	Emergency N	leed? <mark>No</mark>	Existin	g/Anticipa	ated models i	n near term	? No
County Ochiltree			Watershed HUC	# (if known) <mark>1110</mark>	02010201, 111	00201030	1, 111002010	0302	
Drainage area (Squ	uare miles, est.)	4	Goal(s)	01000001, 010000	002				
100-Year Flood	Risk Summary	/							
Population at risk	558		# of structures	304		Critical fa	cilities <mark>0</mark>		
Flood risk type:	Riverine? Yes		Coastal? No	Local? No	Playa?	Yes	Other?	No	
Farm/Ranch land i	mnacted (acres)	18		Roadway(s) imp	acted (length)	7			
				,,,,,					
Number of low wa	ater crossings	0		Historical road o	closures	0			
		· · · · · · · · · · · · ·							
Estimated Cost	and Funding A	Availability							
Total Cost	\$50.000	Am	ount of Available Fund	ing _	Fe	ederal fun	ding ayailabil	ity No	

Funding source -





Title Perryton City Drainage Master Plan

#### ID# 011000091

Sponsor (name of entity, not person) Perryton (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

CANADIAN

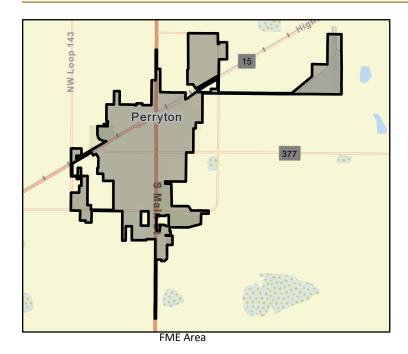
REGIONAL FLOOD PLANNING GROUP

#### **Study Details**

Study type	Watershed Planning									
Study description	Perform H&H modelin	ng, develop	conceptual alterna	atives and OP	CC, and rank pro	jects;	selected bas	sed on HI	MAPs and su	rvey respo
New Hydrologic o	r Hydraulic model? <mark>Yes</mark>	5	Emergency N	leed? No	Ex	kisting	g/Anticipated	l models	in near term	? No
County Ochiltree			Watershed HUC#	# (if known)	111002010201,	1110	02010301, 1	1100201	0302	
Drainage area (Sq	uare miles, est.) <mark>4</mark>		Goal(s)	01000001, 0	1000002, 010000	005 <i>,</i> 0	01000006			
100-Year Flood	Risk Summary									
	-		# of structures	304			Critical facili	ties <mark>0</mark>		
<b>100-Year Flood</b> Population at risk Flood risk type:	-	Соа	# of structures stal? <mark>No</mark>	304 Local? No	Pla	aya?		ties <mark>0</mark> Other?	No	
Population at risk Flood risk type:	558	Соа		Local? No	Pla s) impacted (leng	aya?		-	No	

#### **Estimated Cost and Funding Availability**

Total Cost	\$250,000	Amount of Available Funding	Federal funding availability No
Funding source	-		





Title	T-Anchor Lake Watershed Drainage	Improvements			REGIONAL FLOOD
ID#	013000001	Sponsor Amarillo (Municipality)			PLANNING GROUP
RFPG r	ecommend? <mark>Yes</mark>	Reason for Recommendation Alignment with RFPG go	als and	TWDB g	guidance

#### **Project Description**

Four phase playa excavation project, pump station relocation and construction of storm sewer improvements along Ross-Osage Street and Southeast 10th Street to provide 100-year flood protection

Watershed HUC# (if known) 111201030106	Emergency Need? No
	Drainage area (mi² est.) 4
Associated FME's	County Potter
Associated FMS's -	Associated FMP's -

#### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	No	Coastal? No	Local? Yes	Playa? <mark>Yes</mark>	Other? No	
Population at risk	1,221		# of strue	ctures <mark>407</mark>	Critical facilit	ies <mark>0</mark>	
Farm/Ranch land in	mpacted (ac	res) <mark>0</mark>		Roadway(s) impacted (	(length) <mark>3</mark>		
Number of low wa	ter crossings	2		Historical road closures	s 10		
100-Year Flood F	Risk Reduc	tion					
Population remove	ed from 100-	yr 1	l,191	# of structures rem	noved from 100-yr	397	

Critical facilities r	emoved fro	om 100-yr	0	Farm	/Ranch land removed from 100-yr (acres)	0
Road removed fr	om 100-yr (	(miles)	0	Low	water crossings removed from 100-yr	0
Other benefits	Benefit fro	m closed st	orm drain improvements not	Redu	action in # of road closures over 10 years	10
Impacts						
Negative impacts	?	No	Negative impacts description	٦	No negative impact	
Water supply cor	tributions?	No	Water supply contribution descrip	ption -	-	

#### **Estimated Cost**

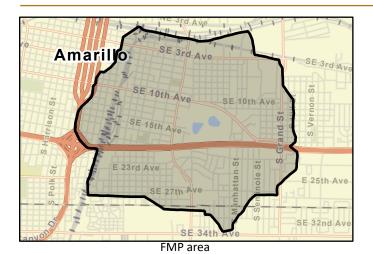
**Project Cost** \$31,300,000 % Nature-Based -

BCR 2

Recurring costs 0

Issues No major implementation issues identified, coordination during final design or

**REGION** CANADI





Title	Rhea Road Drainage Project	
ID#	013000002	Sponsor
RFPG re	ecommend? Yes	Reason fo



Sponsor Wichita Falls (Municipality)

eason for Recommendation Action aligns with goals and meets TWDB guidance

#### **Project Description**

The proposed improvements include the installation of a storm drain system along north on Rhea Road that would eliminate structure flooding in the 100year storm event.

Natershed HUC# (if known) 111302060304	Emergency Need? No
	Drainage area (mi <sup>2</sup> est.) 0
Associated FME's	County Wichita
Associated FMS's -	Associated FMP's -

#### Existing 100-Year Flood Risk

Flood risk type:	Riverine?	No	Coastal?	No	Local? Yes	Playa? <mark>No</mark>	Other? No
Population at risk <mark>8</mark>	31		# 0	of structures 27		Critical facilities	1
Farm/Ranch land ir	npacted (ac	res) <mark>0</mark>		Ro	adway(s) impacted (length)	0	
Number of low wat	ter crossings	0		Hi	storical road closures <mark>0</mark>		
100-Year Flood R	Risk Reduc	tion					
Population remove	d from 100-	yr	81		# of structures removed from	om 100-yr	27
Critical facilities rer	moved from	100-yr	1		Farm/Ranch land removed	from 100-yr (acres)	0
Road removed from	n 100-yr (mi	les)	0		Low water crossings remov	ed from 100-yr	0
Other benefits 0	1				Reduction in # of road clos	ures over 10 years	0
Impacts							
Negative impacts?	No	)	Negative impac	ts description	No negative impact		

Water supply contributions? No

Water supply contribution description -

#### **Estimated Cost**

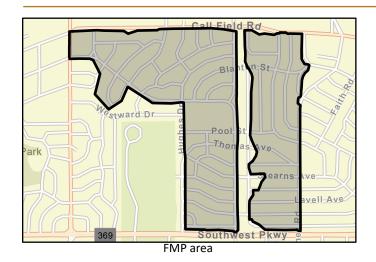
Project Cost \$2,995,000

% Nature-Based 0

BCR 1

Recurring costs 26645

Issues No major implementation issues identified, coordination during final design or





Title	Brenda Hursh Enhancement Project	t (City of Wi	chita Falls)					REGIONAL FLOOD
ID#	013000003	Sponsor	Wichita Falls (Munic	ipality)				PLANNING GROUP
RFPG re	ecommend? Yes	Reason fo	or Recommendation	Action alig	ns with goals a	nd mee	ts TWD	)B guidance

#### **Project Description**

Install a bypass system that will intercept flow from Brenda Hursh Creek and Brenda Hursh Channel at their respective Weeks Street Road crossings and convey the runoff to the west through a proposed pipe system

Watershed HUC# (if known) 111302060304	Emergency Need? No
	Drainage area (mi <sup>2</sup> est.) 2
Associated FME's	County Wichita
Associated FMS's -	Associated FMP's -

#### Existing 100-Year Flood Risk

Flood risk type:	Riverine?	Yes	Coastal?	No	Local? No	Playa? <mark>No</mark>	Other? <mark>No</mark>
Population at risk	342		# 0	of structures 114		Critical facilities	0
Farm/Ranch land ir	mpacted (ac	res) <mark>0</mark>		Ro	adway(s) impacted (length)	4	
Number of low wat	ter crossings	4		His	torical road closures <mark>4</mark>		
100-Year Flood F	Risk Reduc	tion					
Population remove	ed from 100-	yr	192		# of structures removed free	om 100-yr	64
Critical facilities ren	moved from	100-yr	0		Farm/Ranch land removed	from 100-yr (acres)	0

		•	0		0
Road removed fr	om 100-yr (	(miles)	1 Lo	w water crossings removed from 100-yr	0
Other benefits Reduced flooding at recreation facility, increased		ecreation facility, increased	duction in # of road closures over 10 years	0	
Impacts					
Negative impacts	?	No	Negative impacts description	No negative impact	
Water supply cor	ntributions?	No	Water supply contribution description		

#### **Estimated Cost**

Project Cost \$4,151,000

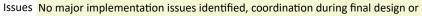
% Nature-Based 9

BCR 1

Recurring costs 0

Nature Dased 9

.K 1



**REGION** CANAL





FMP area

Flo	od Mitigation Pro	oject	(FMP)			REG	ION	CANADIAN
Title	Wichita Gardens Drainage Improve	ments				ſ		UPPER RED REGIONAL FLOOD
ID#	013000013	Sponsor	Wichita Falls (Munic	ipality)				PLANNING GROUP
RFPG re	ecommend? <mark>Yes</mark>	Reason f	or Recommendation	Action align	ns with goals a	nd meet	s TWD	B guidance

#### **Project Description**

The proposed improvements include for the installation of concrete curb and gutter throughout entire development in order to install a storm drain system with curb inlets and a trunk line that runs to an outfall at the Wichita River.

Watershed HUC# (if known) 111302060407	Emergency Need? No
	Drainage area (mi² est.) 0
Associated FME's	County Wichita
Associated FMS's -	Associated FMP's -

#### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	No		Coastal?	No		Local? <mark>Yes</mark>	Playa? <mark>No</mark>		Other? <mark>No</mark>
Population at risk 3	00			# c	f structures	100		Critical facilities	0	
Farm/Ranch land in	npacted (aci	res) <mark>0</mark>				Roa	dway(s) impacted (length)	2		
Number of low wat	er crossings	0				Hist	orical road closures <mark>0</mark>			
100 Veer Fleed D	iele Deelvee									
100-Year Flood R	isk Reduc	non								
Population remove	d from 100-	yr	252				# of structures removed fro	om 100-yr	100	
Critical facilities ren	noved from	100-yr	0				Farm/Ranch land removed	from 100-yr (acres)	0	
Road removed from 100-yr (miles) 2		2	Low wat		Low water crossings remov	ow water crossings removed from 100-yr				
Other benefits 0							Reduction in # of road clos	ures over 10 years	0	
Imnacts										

Impacts									
Negative impacts?	No	Negative impacts description	No negative impact						
Water supply contributions?	No	Water supply contribution description	-						

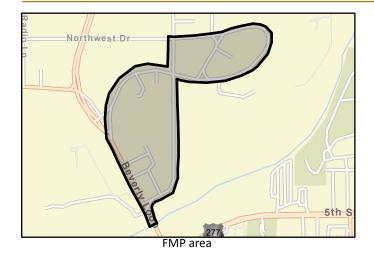
#### **Estimated Cost**

**Project Cost** \$10,008,000 Recurring costs 78331

% Nature-Based 0

BCR 3

Issues No major implementation issues identified, coordination during final design or





Regional view of FMP area

Title	Briargate Drainage Reconstruction Project (City of Wichita Falls)								
ID#	013000014	Sponsor	Wichita Falls (Munic	ipality)					
RFPG re	ecommend? <mark>No</mark>	Reason fo	or Recommendation	<mark>Sponsor re</mark>	quest				



#### **Project Description**

Evaluate project to quantify benefits, evaluate impacts and begin design. The proposed project would construct a five-acre detention pond. Project identified from 2011 Wichita Falls DMP.

Natershed HUC# (if known) 111302060303	Emergency Need? No
	Drainage area (mi² est.) 1
Associated FME's	County Wichita
Associated FMS's -	Associated FMP's -

#### Existing 100-Year Flood Risk

Flood risk type:	Riverine?	Yes	Coastal?	No	L	ocal? <mark>No</mark>		Playa? <mark>No</mark>	Other? <mark>No</mark>	
Population at risk 7	5		# o	f structures	33			Critical facilities <mark>(</mark>	ט	
Farm/Ranch land im	pacted (acr	es) <mark>0</mark>			Roadv	vay(s) impacted (lei	ength)	0		
Number of low wate	er crossings	0			Histor	ical road closures <mark>0</mark>	0			
100-Year Flood Risk Reduction										

Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	
Other benefits _		Reduction in # of road closures over 10 years	-
Impacts			

Negative impacts?	-	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

#### **Estimated Cost**

Project Cost \$1,595,000

Recurring costs 0

Issues -

% Nature-Based -





BCR -

Title Echo/Neta Lane Drainage Project

ID# 013000015

RFPG recommend? Yes

Sponsor Wichita Falls (Municipality)

alls (Municipality)

REGION CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

Reason for Recommendation Alignment with RFPG goals and TWDB guidance

#### **Project Description**

Install a storm drain system with curb and gutter along Jacksboro Highway beginning south of Echo Lane and reaching north to Norman Street.

Watershed HUC# (if known) 111302060304	Emergency Need? No
	Drainage area (mi <sup>2</sup> est.) 0
Associated FME's	County Wichita
Associated FMS's -	Associated FMP's -

#### Existing 100-Year Flood Risk

Flood risk type:	Riverine?	No	(	Coastal?	No		Local? <mark>Yes</mark>	Playa? <mark>No</mark>		Other? <mark>No</mark>
Population at risk 5	54			# o	f structures	18		Critical facilities	0	
Farm/Ranch land in	npacted (aci	res) <mark>0</mark>				Roa	dway(s) impacted (length)	0		
Number of low water crossings 0				Historical road closures 0						
100-Year Flood Risk Reduction										
Population remove	d from 100-	yr	42				# of structures removed fro	om 100-yr	14	
Critical facilities removed from 100-yr 0		0	Farm/Ranch land removed		from 100-yr (acres)	0				
Road removed from	n 100-yr (mi	les)	0				Low water crossings remov	ved from 100-yr	0	
Other benefits							Reduction in # of road clos	ures over 10 vears	0	

				,	-
Impacts					
Negative impacts?	No	Negative impacts description	No negative impact		
Water supply contributions?	No	Water supply contribution description	-		

#### **Estimated Cost**

Project Cost \$2,853,000

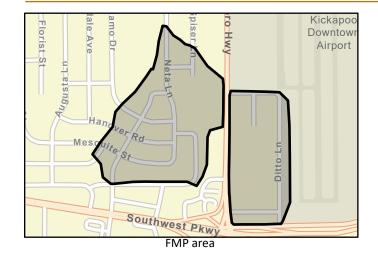
% Nature-Based 0

BCR 4

Recurring costs 25380

.R 4

Issues No major implementation issues identified, coordination during final design or





Title	Hirschi - Huskie Drainage Project (C	Falls)					REGIONAL FLOOD	
ID#	013000016	Sponsor <mark>V</mark>	<mark>Vichita Falls (Munic</mark>	ipality)				PLANNING GROUP
RFPG re	ecommend? Yes	Reason for	Recommendation	Alignment	with RFPG goal	s and T	WDB g	uidance

#### **Project Description**

Extend the existing storm drain system on Huskie Drive to reach to the north and south on Hirschi Lane. Additionally, acquire properties along the north side of Iowa Park Road between Hirschi Lane and Ridgeway Drive.

Watershed HUC# (if known) 11130206040	7 Emergency Need? No	
	Drainage area (mi <sup>2</sup> est.) 0	
Associated FME's	County Wichita	
Associated FMS's -	Associated FMP's -	

#### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	No	Coastal?	No	Local? Yes	Playa? <mark>No</mark>	Other? <mark>No</mark>
Population at risk 1	.05		# o	f structures <mark>3</mark>	5	Critical facilities	0
Farm/Ranch land in	npacted (acr	es) <mark>0</mark>			Roadway(s) impacted (length)	0	
Number of low wat	er crossings	0			Historical road closures 0		
100-Year Flood R	isk Reduct	tion					
Population remove	d from 100-	yr	105		# of structures removed fro	om 100-yr	35

Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits 0		Reduction in # of road closures over 10 years	0
Impacts			

Negative impacts?	No	Negative impacts description	Post-project model is unavailable. Therefore, the no-negative-impact
Water supply contributions?	No	Water supply contribution description	

#### **Estimated Cost**

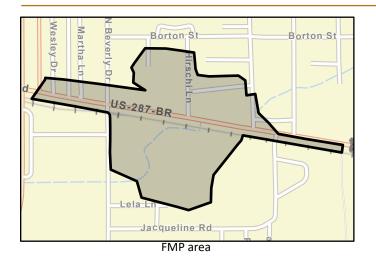
**Project Cost** \$632,000 % Nature-Based 0

BCR 1

Recurring costs 5627

Issues No major implementation issues identified, coordination during final design or

**REGION** CANADIA





Title	Landon, Duty and Sunset St Draina	ge Project				ſ		UPPER RED REGIONAL FLOOD
ID#	013000017	Sponsor	Wichita Falls (Munic	ipality)				PLANNING GROUP
RFPG r	ecommend? <mark>Yes</mark>	Reason f	or Recommendation	Alignment	with RFPG goal	s and T	NDB g	uidance

#### **Project Description**

The proposed solution is be a combination of curb and gutter street improvements for Duty Lane, Landon Road, and Sunset Lane south of Duty Lane.

Watershed HUC# (if known) 111302060407	Emergency Need? No
	Drainage area (mi² est.) 0
Associated FME's	County Wichita
Associated FMS's -	Associated FMP's -

#### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	No	Co	oastal?	No		Local? <mark>Yes</mark>	Playa? <mark>No</mark>		Other? <mark>No</mark>	
Population at risk 1	129			# 0 <sup>-</sup>	f structures	43		Critical facilities	0		
Farm/Ranch land in	npacted (acı	res) <mark>0</mark>				Roa	dway(s) impacted (length)	0			
Number of low wat	er crossings	0				Hist	orical road closures <mark>0</mark>				
100-Year Flood R	lisk Reduc	tion									
Population remove	d from 100-	yr	123				# of structures removed f	rom 100-yr	41		
Critical facilities rer	moved from	100-yr	0				Farm/Ranch land remove	d from 100-yr (acres)	0		
Road removed from	n 100-yr (mi	les)	0				I ow water crossings remo	wed from 100-vr	0		

#### lune in a ata

impacts			
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

#### **Estimated Cost**

Other benefits 0

**Project Cost** \$2,120,000 % Nature-Based 0

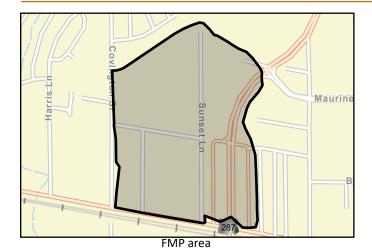
BCR 11

Low water crossings removed from 100-yr

Reduction in # of road closures over 10 years 0

Recurring costs 18860

Issues No major implementation issues identified, coordination during final design or



0



0

**REGION** CANADIAN

 Spanish Trace Drainage Project

 ID#
 013000018
 Spanish Trace Drainage Project

 RFPG recommend? Yes
 Reference

Sponsor Wichita Falls (Municipality)

Reason for Recommendation Alignment with RFPG goals and TWDB guidance

#### **Project Description**

The proposed improvements include re-grading of an abandoned irrigation canal to convey flow north towards Johnson Road, connecting to the existing torm sewer system.

Emergency Need? No
Drainage area (mi <sup>2</sup> est.) 0
County Wichita
Associated FMP's -

#### Existing 100-Year Flood Risk

Flood risk type:	Riverine?	No		Coastal?	No		Local? <mark>Yes</mark>	Playa? <mark>No</mark>		Other? <mark>No</mark>
Population at risk 2	24			# c	of structures	8		Critical facilities	0	
Farm/Ranch land ir	npacted (ac	res) <mark>0</mark>				Roa	dway(s) impacted (length)	0		
Number of low wat	ter crossings	0				Hist	orical road closures 0			
100-Year Flood R	Risk Reduc	tion								
Population remove	d from 100-	yr	24				# of structures removed fr	om 100-yr	8	
Critical facilities rer	moved from	100-yr	0				Farm/Ranch land removed	l from 100-yr (acres)	0	
Road removed from	n 100-yr (mi	les)	0				Low water crossings remov	ved from 100-yr	0	
Other benefits 0							Reduction in # of road clos	sures over 10 years	0	
Impacts										

Impacts			
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

#### **Estimated Cost**

Project Cost \$1,043,000

% Nature-Based <mark>0</mark>

BCR 1

Recurring costs 9275

0

Issues No major implementation issues identified, coordination during final design or





**REGION** CANADIAN

PPER RED

REGIONAL FLOOD PLANNING GROUP

FMP area

Title	Adrian Avenue Drainage Project (Ci	REGIONAL FLOOD
ID#	013000011	Sponsor Wichita Falls (Municipality)
RFPG r	ecommend? <mark>No</mark>	Reason for Recommendation Sponsor request

#### **Project Description**

The proposed project would be to build an additional concrete flume north of 1802 Adrian Drive into Seabury Lake

Watershed HUC# (if known) 111302060407	Emergency Need? No
	Drainage area (mi <sup>2</sup> est.) 0
Associated FME's	County Wichita
Associated FMS's -	Associated FMP's -

#### Existing 100-Year Flood Risk

Flood risk type:	Riverine?	Yes	Coastal?	No	Local? No	Playa? <mark>No</mark>	Other? <mark>No</mark>
Population at risk 0			# of	f structures <mark>(</mark>	)	Critical facilities 0	
Farm/Ranch land impacted (acres) <mark>0</mark>		Roadway(s) impacted (length) Historical road closures <mark>0</mark>		0			
Number of low water crossings 0							

#### **100-Year Flood Risk Reduction**

Population removed from 100-yr	- # o	f structures removed from 100-yr	-
Critical facilities removed from 100-yr	- Far	m/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	- Lov	w water crossings removed from 100-yr	-
Other benefits _	Re	duction in # of road closures over 10 years	-
Impacts			
Impacts			
Negative impacts? -	Negative impacts description	-	
Water supply contributions? No	Water supply contribution description		

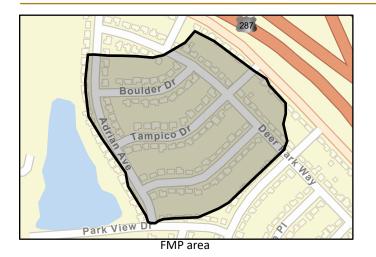
#### **Estimated Cost**

Recurring costs 0

Project Cost

% Nature-Based -

**REGION** CANADIAN





BCR -

**REGION** CANADIAN JPPER RED **Diversion Channel through Golf Course** Title REGIONAL FLOOD PLANNING GROUP ID# 013000004 Sponsor Canyon (Municipality) RFPG recommend? No Reason for Recommendation Sponsor prefers other alternatives

#### **Project Description**

Construct a vegetated diversion channel with a narrow meandering pilot channel in the bottom in the area of the existing channel.

Watershed HUC# (if known)	111201020304	Emergency Need? No
		Drainage area (mi <sup>2</sup> est.) 1
Associated FME's _		County Randall
Associated FMS's -		Associated FMP's -

#### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	Yes	Coastal?	No	Local? No	Playa? <mark>Yes</mark>	Other? <mark>No</mark>
Population at risk 9	76		# o	f structures <mark>156</mark>		Critical facilities <mark>0</mark>	
Farm/Ranch land im	pacted (acr	es) <mark>26</mark>		Roa	dway(s) impacted (length)	7	
Number of low water crossings 6		Historical road closures 6					
100 Voor Elood Dick Doduction							

100-Year Flood Risk Reduction	

Population removed from 100-yr		# of structures removed from 100-yr -
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres) -
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr -
Other benefits _		Reduction in # of road closures over 10 years -
Impacts		
Negative impacts?	Negative impacts description	

• .	U I	
Water supply contributions? No	Water supply contribution description	-

#### **Estimated Cost**

**Project Cost** 

Recurring costs 0

% Nature-Based -Issues -





BCR -

Regional view of FMP area

 Title
 Flood Walls Through the Golf Course Area for Isolated Groups of Structures

 ID#
 013000005
 Sponsor Canyon (Municipality)

 RFPG recommend? No
 Reason for Recommendation Sponsor prefers other alternatives



#### **Project Description**

These were determined to be one of the more viable flood risk reduction measures for houses around the golf course. Locations have been proposed around the golf course based on 100- and 500- year storms.

Watershed HUC# (if known) 111201020304	Emergency Need? No
	Drainage area (mi <sup>2</sup> est.) 1
Associated FME's	County Randall
Associated FMS's -	Associated FMP's -

#### Existing 100-Year Flood Risk

Population at risk 972 # of structures 154 Critical facilities 0	Flood risk type:	Riverine?	Yes	Coastal?	No		Local? <mark>No</mark>		Playa? <mark>Yes</mark>	0	ther? <mark>No</mark>	
	Population at risk	972		# 0	of structures	154			Critical facilities	0		
Farm/Ranch land impacted (acres)       25       Roadway(s) impacted (length)       6	Farm/Ranch land i	mpacted (acr	res) <mark>25</mark>			Road	way(s) impacted (le	ength)	6			
Number of low water crossings       6       Historical road closures       6	Number of low water crossings 6				Histo	orical road closures	6					
100-Year Flood Risk Reduction	100-Year Flood I	Risk Reduct	tion									

Negative impacts? -	Negative impacts description	
Impacts		
Other benefits _		Reduction in # of road closures over 10 years -
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr -
Critical facilities removed from 100-ye	-	Farm/Ranch land removed from 100-yr (acres) -
Population removed from 100-yr	-	# of structures removed from 100-yr -

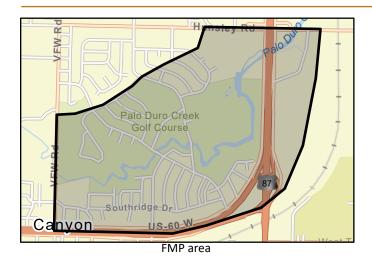
0	•			
Water supp	oly contributions?	No	Water supply contribution description	-

#### **Estimated Cost**

**Project Cost** 

Recurring costs 0

% Nature-Based -





Regional view of FMP area

BCR -

111201030101, 111201030102

Coastal? No

# of structures 224

Title	Dredging of Palo Du	ro Creek and Tierra Blanca Creek			UPPER RED REGIONAL FLOOD			
ID#	013000006	Sponsor Canyon (Municip	ality)		PLANNING GROUP			
RFPG re	commend? <mark>No</mark>	Reason for Recommendati	on Sponsor prefers o	other alternatives				
Projec	Project Description							
Remove sediment deposits left behind form previous flooding events to increase channel capacity.								
Watersh	ed HUC# (if known)	111201010608, 111201010609, 111201020303, 111201020304,	Emergency Need?	No				

Drainage area (mi<sup>2</sup> est.) 8

Roadway(s) impacted (length) 17

# of structures removed from 100-yr

Farm/Ranch land removed from 100-yr (acres) -

Low water crossings removed from 100-yr

Reduction in # of road closures over 10 years

Historical road closures 9

Playa? Yes

Critical facilities 0

County Randall Associated FMP's -

Local? No

Negative impacts?	-

Negative impacts:	-	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

#### **Estimated Cost**

Other benefits

Associated FME's

Associated FMS's -

Flood risk type:

Population at risk 1,089

**Existing 100-Year Flood Risk** 

Number of low water crossings

**100-Year Flood Risk Reduction** Population removed from 100-yr

Critical facilities removed from 100-yr

Road removed from 100-yr (miles)

Farm/Ranch land impacted (acres) 1,518

Riverine? Yes

9

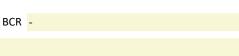
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**Project Cost** 

Impacts

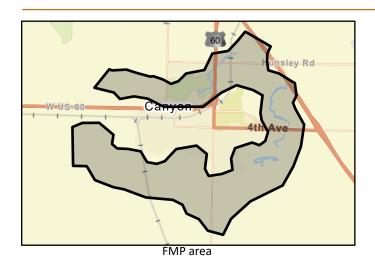
Recurring costs 0

% Nature-Based -Issues -



-

Other? No





**REGION** CANADIAN

Title	Modify Golf Course Pond Dam, Spil	lway, and Channel		UPPER RED regional flood
ID#	013000007	Sponsor Canyon (Municipality)		PLANNING GROUP
RFPG re	ecommend? <mark>No</mark>	Reason for Recommendation Sponsor prefers other a	alternatives	

### **Project Description**

Remove obstruction and replace with a bridge, and add a concrete spillway in the pond dam on the northeast corner of the golf course

Watershed HUC# (if known) 111201010609, 111201020304	Emergency Need? No
	Drainage area (mi <sup>2</sup> est.) 1
Associated FME's	County Randall
Associated FMS's -	Associated FMP's -

#### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	Yes	Coastal?	No		Local? No	Playa? <mark>Yes</mark>	Other? <mark>No</mark>
Population at risk	976		# c	of structures	156		Critical facilities 0	
Farm/Ranch land in	npacted (acr	es) <mark>24</mark>			Road	dway(s) impacted (length)	5	
Number of low wat	ter crossings	6			Hist	orical road closures <mark>6</mark>		
100-Year Flood R	lisk Reduct	ion						

Population removed from 100-yr	-	# of structures removed from 100-yr	
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres) -	
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits _		Reduction in # of road closures over 10 years	-
Impacts			
Negative impacts? -	Negative impacts description	-	

Water supply contributions? N	0	Water supply contribution description	-

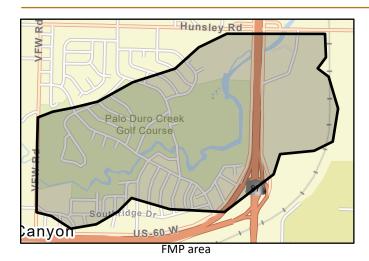
#### **Estimated Cost**

-

Project Cost

Recurring costs 0

% Nature-Based -Issues -





BCR -

**REGION** CANADIAN

Title	Upstream Detention Pond		
ID#	013000008	Sponsor Canyon (Municipality	()
RFPG re	commend? No	Reason for Recommendation	Sponsor prefers other alternatives



#### **Project Description**

Two potential detention facilities were identified upstream of the Canyon City Golf course. One is immediately upstream of FM 2590 and the other is upstream of the Canyon City Country Club where a tributary to Palo Duro Creek comes in from the north.

Natershed HUC# (if known) 111201020304		Emergency Need? No
		Drainage area (mi² est.) 5
Associated FME's		County Randall
Associated FMS's -		Associated FMP's -

#### Existing 100-Year Flood Risk

Flood risk type:	Riverine?	Yes	Coastal? No	Local? No	Playa? Yes	Other? No
Population at risk 1	L,199		# of structur	es 191	Critical faciliti	es <mark>0</mark>
Farm/Ranch land in	npacted (ac	res) <mark>619</mark>		Roadway(s) impacted (le	ength) <mark>9</mark>	
Number of low wat	er crossings	6		Historical road closures	6	
100-Year Flood R	lisk Reduc	tion				
Population remove	d from 100-	vr -		# of structures remo	oved from 100-vr	_

Negative impacts? -	Negative impacts description	-
Impacts		
Other benefits _		Reduction in # of road closures over 10 years -
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr -
Critical facilities removed from 100-y	r _	Farm/Ranch land removed from 100-yr (acres) -
Population removed nom 100-yr	-	

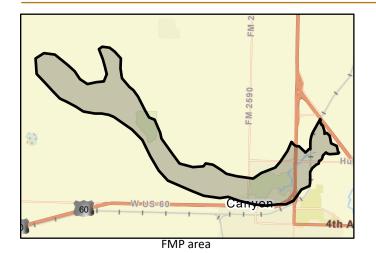
Water supply contributions? No	Water supply contribution description	

#### **Estimated Cost**

Project Cost

Recurring costs 0

% Nature-Based -





BCR -

Flo	od Mitigation Pro		
Title	Bivins Lake Modifications for Flood	REGIONAL FLOOD	
ID#	013000009	Sponsor Canyon (Municipality)	
RFPG re	ecommend? <mark>No</mark>	Reason for Recommendation FME recommended for further study	
		Sponsor Canyon (Municipality)	

#### **Project Description**

Modify Bivins Lake to provide flood storage above the City of Canyon and operate essentially as a dry structure.

Watershed HUC# (if known)	111201020302	Emergency Need? No		
		Drainage area (mi <sup>2</sup> est.) 1		
Associated FME's		County Randall		
Associated FMS's -		Associated FMP's -		

#### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	ſes	Coastal?	No	Local? No	Playa? <mark>Yes</mark>	Other? <mark>No</mark>
Population at risk 0			# o	f structures <mark>(</mark>	)	Critical facilities 0	
Farm/Ranch land impacted (acres) <mark>33</mark>					Roadway(s) impacted (length	) 0	
Number of low water crossings 0		Historical road closures 0					

#### **100-Year Flood Risk Reduction**

Population removed from 100-yr	-	# of structures removed from 100-yr -
Critical facilities removed from 100-y	-	Farm/Ranch land removed from 100-yr (acres) -
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr -
Other benefits _		Reduction in # of road closures over 10 years -
Impacts		
Negative impacts? -	Negative impacts description	-

Water supply contributions? No	Water supply contribution description	-

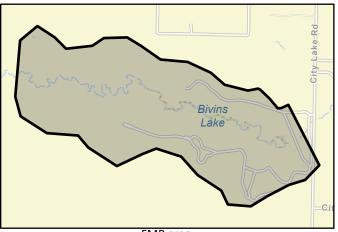
#### **Estimated Cost**

Project Cost

Recurring costs 0

% Nature-Based -Issues -

BCR -





FMP area

Title	Bivins Dam Rehabilitation with Div	REGIONAL FLOOD
ID#	013000010	Sponsor Canyon (Municipality)
RFPG r	ecommend? No	Reason for Recommendation FME recommended for further study
Proie	ct Description	

Combine strategies to modify Bivins Lake and construct the enlarged channel through the Canyon City Golf Course area

Watershed HUC# (if known) 111201010609, 111201020301, 111201020302, 111201020304			Emergency Need? No		
	111201020302, 11	1201020304	Drainage area (mi <sup>2</sup> est.) 6		
Associated FME's			County Randall		
Associated FMS's -			Associated FMP's -		
Suisting 100 Voor Elood	Diale				
Existing 100-Year Flood	KISK				
Flood risk type: Rivering	e? <mark>Yes</mark>	Coastal? No	Local? No	Playa? <mark>Yes</mark>	Other? No
Population at risk 1,014		# of structures	188	Critical facilitie	es 0
Farm/Ranch land impacted	(acres) <mark>682</mark>		Roadway(s) impacted (length	) 8	
Number of low water crossi	ings <mark>6</mark>		Historical road closures <mark>6</mark>		
100-Year Flood Risk Red	luction				
Population removed from 1	.00-yr -		# of structures removed	from 100-yr	-
Critical facilities removed fr	om 100-yr		Farm/Ranch land remove	ed from 100-yr (acre	s) -
Road removed from 100-yr	(miles) _		Low water crossings rem	, .	-
Other benefits _			Reduction in # of road clo		
Impacts					
Negative impacts?	- Nega	ative impacts descriptior	ı -		
Water supply contributions	? <mark>No</mark> Wate	er supply contribution de	escription -		
Estimated Cost					
Project Cost -			% Nature-Based -	BCR -	
Recurring costs 0			Issues -		
		2590 EM 2880		Amarillo	Oklahoma Oklahoma Wichita Falls

FMP area

60

Car

Regional view of FMP area

**REGION** CANADIAN

Title	City of Canyon Flood Mitigation Pro	ject		UPP REGION PLANN
ID#	013000012	Sponsor Canyon (Municipality)		PLANN
RFPG r	ecommend? <mark>Yes</mark>	Reason for Recommendation Action alig	ns with goals and meets TWI	B guidance

**REGION** CANADIAN

JPPER RED REGIONAL FLOOD PLANNING GROUP

#### **Project Description**

The proposed improvements include upstream and midstream detention ponds, channel enlargements and low water crossings improvements to reduce flooding in the residential area near Palo Duro Creek Golf Course.

Watershed HUC# (if known) 111201020304	Emergency Need? No			
	Drainage area (mi² est.) 1			
Associated FME's	County Randall			
Associated FMS's -	Associated FMP's -			

#### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	Yes	Coastal?	No		Local? No	Playa? <mark>No</mark>	Other? <mark>No</mark>
Population at risk 3	18		#	of structures	106		Critical facilities	0
Farm/Ranch land im	npacted (ac	res) <mark>0</mark>			Roa	dway(s) impacted (length)	1	
Number of low wate	er crossings	3			Hist	orical road closures <mark>0</mark>		
	lalı Daalaa							
100-Year Flood R	isk reduc	πon						
Population removed	d from 100-	yr	81			# of structures removed fro	om 100-yr	27
Critical facilities rem	noved from	100-yr	0			Farm/Ranch land removed	from 100-yr (acres)	0
Road removed from	n 100-yr (mi	les)	0	Low water crossings removed from 100-yr			3	
Other benefits 0				Reduction in # of road closures over 10 years		ures over 10 years	3	
Impacts								
Negative impacts?	No	C	Negative impac	ts description	า	No negative impact		
Water supply contri	ibutions? No	C	Water supply c	ontribution d	escript	ion -		

#### **Estimated Cost**

**Project Cost** \$37,238,000 Recurring costs 100000

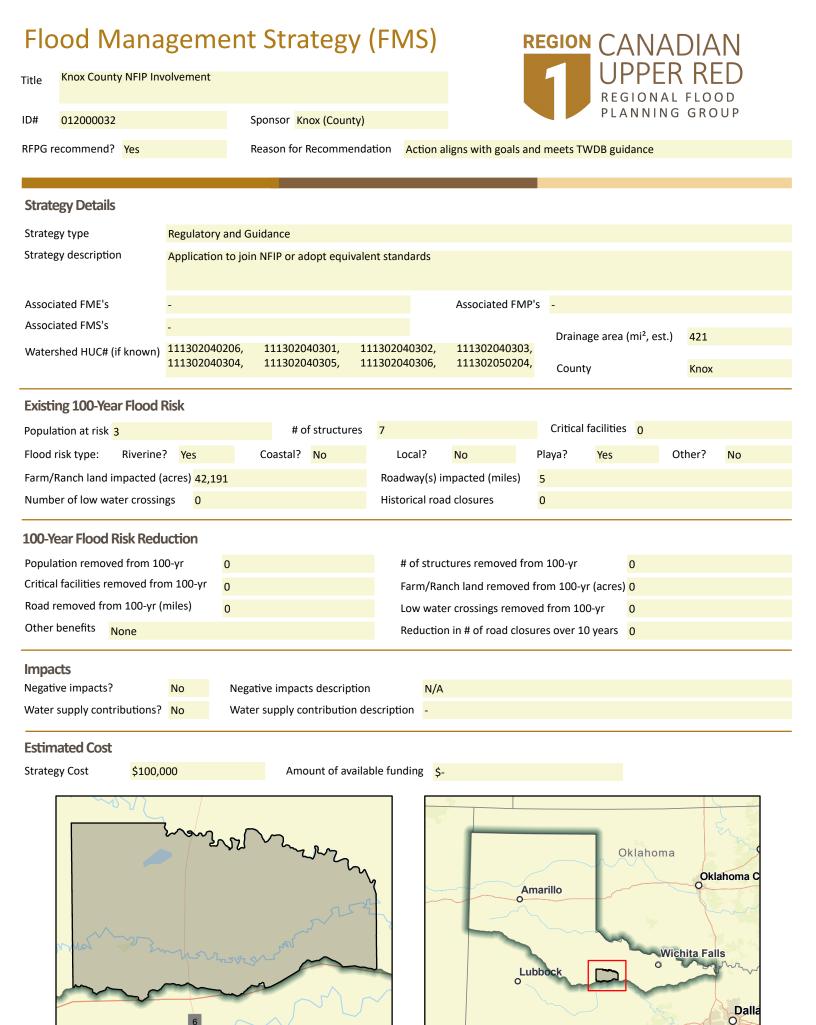
% Nature-Based 0

BCR 1

Issues No major implementation issues identified, coordination during final design or







FMS area

# Flood Management Strategy (FMS)

Flo	ood Mana	geme	ent Strategy	(FMS)	R		NA[	DIAI	N
Title	Region-Wide Turn Ard	ound/Don't D	Drown		UPPER RED REGIONAL FLOOD			D	
ID#	012000048		Sponsor Panhandle Re	egional Planning			NNING		
RFPG r	ecommend? Yes		Reason for Recommend	dation Action alig	ns with goals ar	nd meets TWDB guid	dance		
						_			
Strat	egy Details								
		Education	nd Outreach						
	gy type gy description		blic on Turn Around/Don't Dr	own program					
onute	8,	Luucate put		own program					
Assoc	iated FME's	-			Associated FMP	9'S -			
Assoc	iated FMS's	-					( .2 )		
Water	shed HUC# (if known)	-				Drainage area	(mi², est.)	34,626	
						County		-	
Existi	ing 100-Year Flood F	Risk							
	ation at risk 41,795		# of structures	11,544		Critical facilities	160		
Flood	risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa? Yes	0	ther?	No
Farm/	Ranch land impacted (a	acres) <mark>2,425,</mark>	,094	Roadway(s) imp	pacted (miles)	2,299			
Numb	er of low water crossin	gs <mark>803</mark>		Historical road	closures	1,250			
100-V	ear Flood Risk Redu	uction							
	ation removed from 10		0	# of structu	ires removed fro	um 100-vr	0		
	Il facilities removed fro		0			from 100-yr (acres)	-		
	removed from 100-yr (I		0		crossings remov		0		
Other	benefits <mark>None</mark>				-	ures over 10 years	0		
Impa Negati	ive impacts?	No	Negative impacts descriptio	n <mark>N/A</mark>					
	supply contributions?		Water supply contribution of						
	nated Cost								
Strate	gy Cost <mark>\$100,0</mark>	000	Amount of avail	able funding <mark>\$-</mark>					
	Amario		Oklahoma	klaho		marillo	klahoma Wict	hita Falls	oma C Dallé

FMS area

# Elood Management Strategy (EMS)

Flood Mana	igemen	t Strategy	(FMS)		REGIO	CAN	ADIAN	
Title Region-Wide Public	Awareness					UPPER RED		
							AL FLOOD NG GROUP	
ID# 012000049		Sponsor <mark>Panhandle Re</mark>	-					
RFPG recommend? Yes		Reason for Recommend	ation <mark>Action a</mark>	ligns with goal	s and meets	TWDB guidance		
Strategy Details								
Strategy type	Education and O	utreach						
Strategy description	Educate public o	n flood safety						
Associated FME's	-			Associated F	MP's -			
Associated FMS's	-				Drair	nage area (mi², e	st.) <mark>34,626</mark>	
Watershed HUC# (if known)	-							
					Cour	nty	-	
Existing 100-Year Flood	Risk							
Population at risk 41,795		# of structures	11,544		Critica	al facilities 160		
Flood risk type: Riverine	e? Yes	Coastal? No	Local?	No	Playa?	Yes	Other? No	
Farm/Ranch land impacted	(acres) <mark>2,425,094</mark>		Roadway(s) ii	mpacted (miles	5) <mark>2,299</mark>			
Number of low water crossi	ngs <mark>803</mark>		Historical roa	d closures	1,250			
100-Year Flood Risk Red	uction							
Population removed from 1			# of struc	tures removed	l from 100-yr	0		
Critical facilities removed fro				nch land remov				
Road removed from 100-yr	(miles) 0			er crossings ren				
Other benefits None			Reductio	n in # of road c	losures over	10 years 0		
Impacts								
Negative impacts?	No Neg	ative impacts descriptior	n <mark>N/A</mark>					
Water supply contributions?	' <mark>No</mark> Wat	ter supply contribution de	escription -					
Estimated Cost								
Strategy Cost <mark>\$100,</mark>	000	Amount of availa	ble funding <mark>\$</mark> -					
Amar	rillo	Oklahoma Ok	<li>klāho </li>		Amarillo	Oklaho	ma Oklahoma C Wichita Falls	

FMS area

Lubbock

Regional view of FMS area

Dalla

# Flood Management Strategy (FMS)



Strategy Details											
Strategy type	Regulatory and Guidance										
Strategy description	Provide resources and assistance for communities looking to developing funding sources for drainage										
Associated FME's	- Associated FMP's -										
Associated FMS's	- Drainage area (mi <sup>2</sup> , est.) 34,626						26				
Watershed HUC# (if known)	-					Draine	ige area (iiii ,	.30.7 34,020			
						Count	ÿ	-	-		
Existing 100-Year Flood I	Risk										
Population at risk 41,795 # of structures				11,544		Critical					
Flood risk type: Riverine	? Yes	Co	oastal? No	Local?	No	Playa?	Yes	Other?	No		
Farm/Ranch land impacted (	acres) <mark>2,42</mark>	5,094		Roadway(s	) impacted (miles)	2,299					
Number of low water crossings 803				Historical road closures 1,250							
100-Year Flood Risk Reduction											
Population removed from 100-yr 0				# of structures removed from 100-yr 0							
Critical facilities removed from 100-yr 0			Farm/Ranch land removed from 100-yr (acres) <mark>0</mark>								
Road removed from 100-yr (miles) 0				Low water crossings removed from 100-yr 0							
Other benefits None				Reduction in # of road closures over 10 years 0							
Impacts											
Negative impacts?	No	Negative	e impacts description	N	/A						
Water supply contributions?	No	Water su	upply contribution de	escription -							
Estimated Cost											

#### limaleu (

Strategy Cost

\$100,000

Amount of available funding \$-





# Flood Management Strategy (EMS)

Flc	od Mana	geme	nt Strate	egy (F	MS)		REGIO					
Title	Lockney NFIP Involve					UPPER R REGIONAL FLO						
ID#	012000018		Sponsor Lockn	ey (Municipa	lity)			PLANNI				
RFPG r	ecommend? Yes		Reason for Recommendation Action aligns with goals and meets TWDB guidance									
Strate	egy Details											
Strate	gy type	Regulatory ar	nd Guidance									
Strate	gy description	Application to	o join NFIP or adopt	equivalent s	tandards							
Associ	ated FME's	-				Associated F	MP's -					
Associ	ated FMS's	-					Durin					
Water	shed HUC# (if known)	11130103020	)3				Drain	age area (mi², e	st.) <mark>0</mark>			
							Coun	ty	Floyd			
Existi	ng 100-Year Flood I	Risk										
Popula	ation at risk <mark>0</mark>		# of str	uctures <mark>0</mark>			Critica	l facilities <mark>0</mark>				
Flood	risk type: Riverine	? No	Coastal? No		Local?	No	Playa?	Yes	Other?	No		
Farm/	Ranch land impacted (	acres) <mark>0</mark>	Roadway(s) impacted (m				es) O					
Numb	er of low water crossin	ngs <mark>O</mark>		Н	istorical roa	ad closures	0					
100-Y	ear Flood Risk Redu	uction										
Popula	ation removed from 10	0-yr 0			# of stru	ctures removed	l from 100-yr	0				
Critica	l facilities removed fro	m 100-yr 0			Farm/Ra	nch land remov	ved from 100-	yr (acres) <mark>0</mark>				
Road r	emoved from 100-yr (	miles) 0			Low wat	er crossings ren	noved from 10	00-yr 0				
Other	benefits <mark>None</mark>				Reductio	n in # of road c	losures over 1	0 years 0				
Impa	cts											
Negati	ve impacts?	No	Negative impacts de	escription	N/A							
Water	supply contributions?	No	Nater supply contri	bution descri	ption -							
Estim	ated Cost											
Strate	gy Cost <mark>\$100,0</mark>	000	Amount	of available t	<sup>f</sup> unding <mark>\$</mark>	-						
	•	NW-3rd-St	S ULEW N	County Suc Stars NE-3rd Stars NE-3rd Stars	f		Amarillo	Oklaho		lahoma C		

FMS area

Regional view of FMS area

Dalla

#### $rotory (\Gamma M AC)$ Flood Man \_ \_ L. 0 1

FIC	ou Mana	geme	ent Strategy	$(\Gamma V I S)$	R	REGION	CA	N/	ADIA	٨N	
Title	Wichita County Ordir	nance Develo	pment		UPPER RED REGIONAL FLOOD						
ID#	012000060		Sponsor Wichita (Count	ty)		PLANNING GROUP					
RFPG recommend? Yes			Reason for Recommend	Reason for Recommendation Action aligns with goals and meets TWDB guidance							
Strat	egy Details		_								
	gy type	Regulatory a	and Guidance								
	gy description		division ordiance for enhanced consideration for floodplain management								
					·	U					
Assoc	iated FME's	-			Associated FMP	9's -					
Assoc	iated FMS's	-				Draina	ige area (i	mi <sup>2</sup> ost	+) <u>617</u>		
Water	shed HUC# (if known)	-						m, es	t.) <mark>617</mark>		
						Count	У		Wich	ita	
Existi	ing 100-Year Flood I	Risk									
Popula	ation at risk 15,949		# of structures	<mark>3,986</mark>		Critical	facilities	72			
Flood	risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa?	Yes		Other?	No	
Farm/	Ranch land impacted (	acres) <mark>49,700</mark>	)	Roadway(s) im	193						
Numb	er of low water crossin	ngs <mark>174</mark>		Historical road	closures	267					
100-Y	ear Flood Risk Redu	uction									
Popula	ation removed from 10	0-yr (	0	# of structu	ures removed fro	om 100-yr	(	0			
Critica	I facilities removed fro	m 100-yr 🛛 🕻	0	Farm/Ranc	d from 100-yr (acres) <mark>0</mark>						
			0	Low water	Low water crossings removed f			ed from 100-yr 0			
Other	benefits <mark>None</mark>			Reduction	on in # of road closures over 10 years 0						
Impa	ctc										
-	ive impacts?	No	Negative impacts description	n <mark>N/A</mark>							
Water	supply contributions?	No	Water supply contribution d	escription -							
	nated Cost gy Cost \$100,0	000	Amount of availa	blo funding							
Strate	gy Cost <mark>\$100,0</mark>	JUU	Amount of availa	ible funding <mark>\$-</mark>							
			Wichita Fa	IIs	•	narillo	Ok	(lahon		lahoma C	

FMS area

Regional view of FMS area

Dalla

Sponsor Cottle (County)

Cottle County NFIP Involvement

Title

ID#

012000030



RFPG recommend? Yes	Reason for Recommendation Action aligns with goals and meets TWDB guidance								
Strategy Details									
Strategy type	Regulator	y and Guida	nce						
Strategy description	-		IP or adopt equivale	ent standar	ds				
Associated FME's	-				Associated	FMP's -			
Associated FMS's	-					Day		(t) 000	
Watershed HUC# (if known)	-					Dra	ainage area (mi <sup>2</sup> , es	st.) <mark>900</mark>	
						Со	unty	Cottle	e
Existing 100-Year Flood F	Risk								
Population at risk 3			# of structures	7		Criti	cal facilities 0		
Flood risk type: Riverine	Yes	Co	astal? <mark>No</mark>	Local	? No	Playa?	Yes	Other?	No
Farm/Ranch land impacted (a	acres) <mark>71,3</mark>	81		Roadwa	y(s) impacted (mile	es) <mark>33</mark>			
Number of low water crossin	gs <mark>5</mark>			Historica	al road closures	5			
100-Year Flood Risk Redu	uction								
Population removed from 10	0-yr	0		# of	structures remove	d from 100-	yr <mark>O</mark>		
Critical facilities removed fro	m 100-yr	0		Farn	n/Ranch land remo	oved from 10	0-yr (acres) <mark>0</mark>		
Road removed from 100-yr (	miles)	0		Low	water crossings re	moved from	100-yr 0		
Other benefits None				Red	uction in # of road	closures ove	r 10 years 0		
Impacts									
Negative impacts?	No	Negative	impacts description	ı	N/A				
Water supply contributions?	No	Water su	pply contribution de	escription	-				
Estimated Cost									
Strategy Cost \$100,0	00		Amount of availa	ble funding	ş-				
62			70	A A		Amarillo o Lubbock	Oklahor	1_	lahoma C

Regional view of FMS area

FIC	od Mana	igement	Strategy	(FM	IS)	R	REGION	CAN	ADIA	N N
Title	Hardeman County N	FIP Involvement					-		ER RE	
10#	012000021	c	ponsor Hardoman (Ca	untul				REGION PLANNI		
ID#	012000031		ponsor <mark>Hardeman (Co</mark> u				-			
RFPG r	recommend? Yes	R	eason for Recommenda	ation <mark>A</mark>	ction aligns	s with goals an	nd meets TW	DB guidance		
Strate	egy Details									
Strate	gy type	Regulatory and Gu	idance							
Strate	gy description	Application to join	NFIP or adopt equivale	ent standa	ards					
Associ	iated FME's	-			As	sociated FMP	's <mark>-</mark>			
Associ	iated FMS's	-					Drainag	$r_{0} = r_{0} = (m_{1}^{2} = r_{0})$		
Water	shed HUC# (if known)	-					Drainag	ge area (mi², es	it.) <mark>696</mark>	
							County		Harde	eman
Existi	ing 100-Year Flood	Risk								
Popula	ation at risk 157		# of structures	43			Critical fa	acilities <mark>0</mark>		
Flood	risk type: Riverine	? Yes	Coastal? No	Loc	al? No	)	Playa?	Yes	Other?	No
Farm/	Ranch land impacted (	acres) <mark>59,007</mark>		Roadw	/ay(s) impad	cted (miles)	54			
Numb	er of low water crossir	ngs <mark>6</mark>		Histori	ical road clo	osures	6			
100-Y	ear Flood Risk Red	uction								
Popula	ation removed from 10	0-yr 0		# 0	of structure	s removed fro	om 100-yr	0		
Critica	I facilities removed fro	om 100-yr 0		Fa	rm/Ranch l	and removed	from 100-yr	(acres) <mark>0</mark>		
Road	removed from 100-yr (	miles) <mark>0</mark>		Lo	w water cro	ossings remov	ed from 100	-yr <mark>0</mark>		
Other	benefits <mark>None</mark>			Re	duction in a	# of road closu	ures over 10	years <mark>0</mark>		
Impo										
Impa Negati	ive impacts?	No Negat	tive impacts description	n	N/A					
	supply contributions?		r supply contribution de							
Estim	nated Cost									
	gy Cost \$100,0	000	Amount of availa	ble fundi	ng S-					
	¢100,0									
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FMS area

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Regional view of FMS area

Lubbock

Wichita Falls

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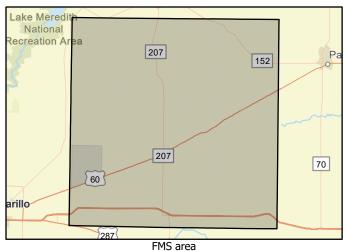
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Title

ID#

Impacts







Flood Mana	igemer	nt Strategy	/ (FMS)	F	REGION	CAN	ADIA	N
Title Hemphill County NFI	P Involvement				1	UPPE REGION	AL FLOC	
ID# 012000034		Sponsor Hemphill (Co	ounty)			PLANNII		
RFPG recommend? Yes		Reason for Recommer	ndation Action	aligns with goals ar	<mark>nd meets TV</mark>	VDB guidance		
Strategy Details								
Strategy type	Regulatory and	Guidance						
Strategy description		ioin NFIP or adopt equiv	alent standards					
Associated FME's	-			Associated FMF	P's -			
Associated FMS's	-				Draina	ige area (mi², es	st.) <mark>914</mark>	
Watershed HUC# (if known)	-				County		Hemp	hill
Existing 100-Year Flood	Risk							
Population at risk 100		# of structure	es 101		Critical	facilities <mark>0</mark>		
Flood risk type: Riverine	? <mark>Yes</mark>	Coastal? No	Local?	No	Playa?	Yes	Other?	No
Farm/Ranch land impacted (	acres) <mark>77,405</mark>		Roadway(s) i	mpacted (miles)	30			
Number of low water crossin	ngs <mark>6</mark>		Historical roa	ad closures	6			
100-Year Flood Risk Red	uction							
Population removed from 10	0-yr 0		# of stru	ctures removed fro	om 100-yr	0		
Critical facilities removed fro	om 100-yr 0		Farm/Ra	nch land removed	from 100-y	r (acres) <mark>0</mark>		
Road removed from 100-yr (	miles) 0		Low wat	er crossings remov	ved from 100	0-yr <mark>0</mark>		
Other benefits None			Reductio	on in # of road clos	ures over 10	) years <mark>0</mark>		
Impacts								
Negative impacts?	No Ne	egative impacts descript	ion N/A	l.				
Water supply contributions?	No W	ater supply contribution	description -					
Estimated Cost								
Strategy Cost \$100,0	000	Amount of ava	ilable funding 💲	_				
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FMS area

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Regional view of FMS area

Lubbock

Wichita Falls

Dalla

0

Sponsor Roberts (County)

Roberts County NFIP Involvement

Title

ID#

012000035



RFPG recommend? Yes		r Recommenda	ation <mark>Ac</mark>	tion aligns with g	goals and	d meets T	WDB guidance	e			
Strategy Details											
Strategy type	Regulatory an	d Guidance									
Strategy description	Application to	join NFIP or a	adopt equivale	ent standar	rds						
Associated FME's	-				Associat	ed FMP's	s -				
Associated FMS's	-						Drain	nage area (mi²,	est.)	925	
Watershed HUC# (if known)	-									Dehor	te
							Cour	ity		Rober	
Existing 100-Year Flood	Risk										
Population at risk <mark>60</mark>		#	of structures	90			Critica	l facilities 2			
Flood risk type: Riverine	? Yes	Coastal?	No	Loca	l? <mark>No</mark>		Playa?	Yes	Oth	er?	No
Farm/Ranch land impacted (	acres) <mark>91,031</mark>			Roadwa	y(s) impacted (n	niles)	21				
Number of low water crossin	igs <mark>5</mark>			Historic	al road closures		5				
100-Year Flood Risk Redu	uction										
Population removed from 10	0-yr 0			# of	structures remo	oved fror	n 100-yr	0			
Critical facilities removed fro					m/Ranch land re			yr (acres) <mark>0</mark>			
Road removed from 100-yr (	miles) 0			Low	v water crossings	s remove	d from 1	00-yr 0			
Other benefits None				Red	uction in # of ro	ad closu	res over :	10 years <mark>0</mark>			
Impacts											
Negative impacts?	No N	legative impa	cts description	1	N/A						
Water supply contributions?	No	Vater supply o	contribution de	escription	-						
Estimated Cost											
Strategy Cost \$100,0	000	Am	ount of availa	ble fundin	g Ś-						
<u>+,</u>											
	70			60		Am	arillo	Oklah	oma Wichi o	0	phran
								4	· S	~1-	Dalla

FMS area

Flo	od Mana	geme	ent Stra	tegy	(FMS	5)	REGIO	NCA	NA		٨N
Title	Hutchinson County N	FIP Involveme	ent							RR	
ID#	012000036		Sponsor Hu	tchinson (Co	ounty)					L FLO G GRC	
RFPG r	ecommend? Yes		Reason for R	ecommenda	ation <mark>Acti</mark>	on aligns with goals	and meets	TWDB guid	ance		
								-			
Strate	egy Details										
Strate	gy type	Regulatory a	nd Guidance								
Strate	gy description	Application t	o join NFIP or ad	opt equivale	ent standard	S					
Assoc	iated FME's	-				Associated FI	MP's -				
Assoc	iated FMS's	-					Drai	nage area (	mi². est.	) 897	
Water	shed HUC# (if known)	-							, , , , , , , , , , , , , , , , , , , ,		
							Cou	nty		Hutch	ninson
Existi	ing 100-Year Flood F	Risk									
Popula	ation at risk <mark>925</mark>		# of	structures	428		Critica	al facilities	2		
Flood	risk type: Riverine	? Yes	Coastal?	No	Local	No	Playa?	Yes		Other?	No
Farm/	Ranch land impacted (a	acres) <mark>70,012</mark>			Roadway	(s) impacted (miles)	) 30				
Numb	er of low water crossin	gs <mark>10</mark>			Historica	road closures	10				
100-Y	ear Flood Risk Redu	uction									
Popula	ation removed from 10	0-yr C	)		# of s	tructures removed	from 100-yr	. (	D		
Critica	I facilities removed from	m 100-yr 🛛 🛛	)		Farm	/Ranch land remove	ed from 100	-yr (acres) <mark>(</mark>	C		
Road	removed from 100-yr (i	miles) <mark>C</mark>	)		Low	water crossings rem	noved from 1	.00-yr (	C		
Other	benefits <mark>None</mark>				Redu	ction in # of road cl	osures over	10 years	0		
Impa	octs										
-	ive impacts?	No	Negative impacts	descriptior	n	N/A					
Water	supply contributions?	No	Water supply cor	ntribution de	escription						
Fctin	nated Cost										
	gy Cost \$100,0	00	Amo	unt of availa	ble funding	Ś-					
						•					
	152	Borgo	07 ger				Amarillo		(lahom		lahoma C

FMS area

Moore County NFIP Involvement

Title

ID#

012000037

RFPG recommend? Yes



Strategy Details									
Strategy type	Regulatory and Gu	uidance							
Strategy description	Application to join	n NFIP or adopt equivale	nt standard	S					
Associated FME's	-			Associated FN	/IP's -				
Associated FMS's	-				Desia	(:2	+ ) 011		
Watershed HUC# (if known)	-				Draina	age area (mi², es	st.) <mark>911</mark>		
					Count	ty	Moor	e	
Existing 100-Year Flood	Risk								
Population at risk 326		# of structures	75		Critical	facilities 4			
Flood risk type: Riverine	? <mark>Yes</mark>	Coastal? No	Local?	No	Playa?	Yes	Other?	No	
Farm/Ranch land impacted (	acres) <mark>38,661</mark>		Roadway	(s) impacted (miles)	29				
Number of low water crossin	gs <mark>10</mark>		Historical	road closures	13				
100-Year Flood Risk Redu	uction								
Population removed from 10	0-yr 0		# of s	tructures removed f	from 100-yr	0			
Critical facilities removed from 100-yr 0 Farm/Ranch land removed from 100-yr (acres) 0									
Road removed from 100-yr (	miles) <mark>0</mark>		Low	vater crossings remo	oved from 10	0-yr 0			
Other benefits None			Redu	ction in # of road clo	osures over 1	0 years <mark>0</mark>			
Impacts									
Negative impacts?	No Nega	tive impacts description	1	N/A					
Water supply contributions?	No Wate	r supply contribution de	escription ·						
Estimated Cost									
Strategy Cost \$100,0	000	Amount of availab	ole funding	\$-					
87}	Dumas 287	152 Lake Meredit		°	Amarillo	Oklahor		Jahoma C	

FMS area

Sponsor Hartley (County)

Hartley County NFIP Involvement

Title

ID#

012000038

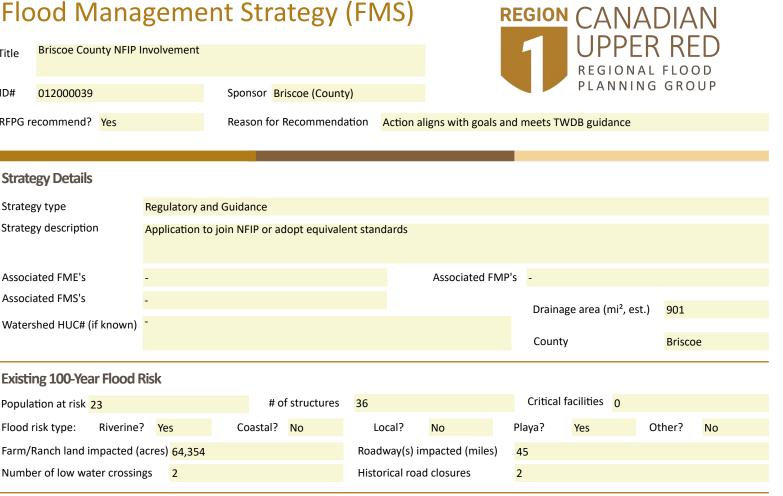


RFPG recommend? Yes		Reason for Recommenda	ation <mark>Actior</mark>	aligns with goals	and meets	TWDB guidance		
Strategy Details								
Strategy type	Regulatory an	d Guidance						
Strategy description		join NFIP or adopt equivale	nt standards					
	,,,	<b>,</b>						
Associated FME's				Associated FN	1P's -			
Associated FMS's	-			Associated I w	11-3 -			
	-				Drair	nage area (mi², est.)	1,466	
Watershed HUC# (if known)					Cour	nty	Hartley	
Existing 100-Year Flood I	Risk							
Population at risk 281		# of structures	111		Critica	al facilities 5		
Flood risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa?	Yes	Other? No	)
Farm/Ranch land impacted (a	acres) 91,163		Roadway(s	) impacted (miles)	83			
Number of low water crossin	gs <mark>61</mark>		Historical r	oad closures	63			
100-Year Flood Risk Redu	uction							
Population removed from 10	0-yr 0		# of str	uctures removed f	rom 100-yr	0		
Critical facilities removed fro	m 100-yr 0		Farm/F	anch land remove	d from 100-	-yr (acres) <mark>0</mark>		
Road removed from 100-yr (	miles) 0		Low wa	ater crossings remo	oved from 1	00-yr <mark>0</mark>		
Other benefits None			Reduct	ion in # of road clo	sures over	10 years <mark>0</mark>		
Impacts Negative impacts? Water supply contributions?		legative impacts description Vater supply contribution de		/A				
Estimated Cost								
Strategy Cost \$100,0	00	Amount of availa	ble funding	\$-				
54			7		Amarillo	Oklahoma	Oklahon Chita Falls	na C

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FMS area

Regional view of FMS area



1	-00	Year	Flood	<b>Risk</b>	Redu	uction
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leanada			
Other benefits None		Reduction in # of road closures over 10 years	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Population removed from 100-yr	0	# of structures removed from 100-yr	0

impacts			
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

#### **Estimated Cost**

Title

ID#

012000039

RFPG recommend? Yes

**Strategy Details** 

Strategy description

Associated FME's

Associated FMS's

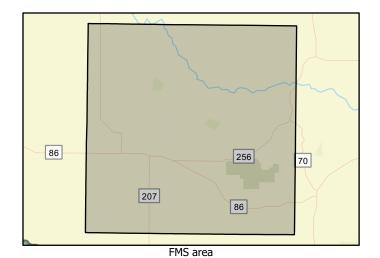
Population at risk 23 Flood risk type:

Strategy type

Strategy Cost

\$100,000

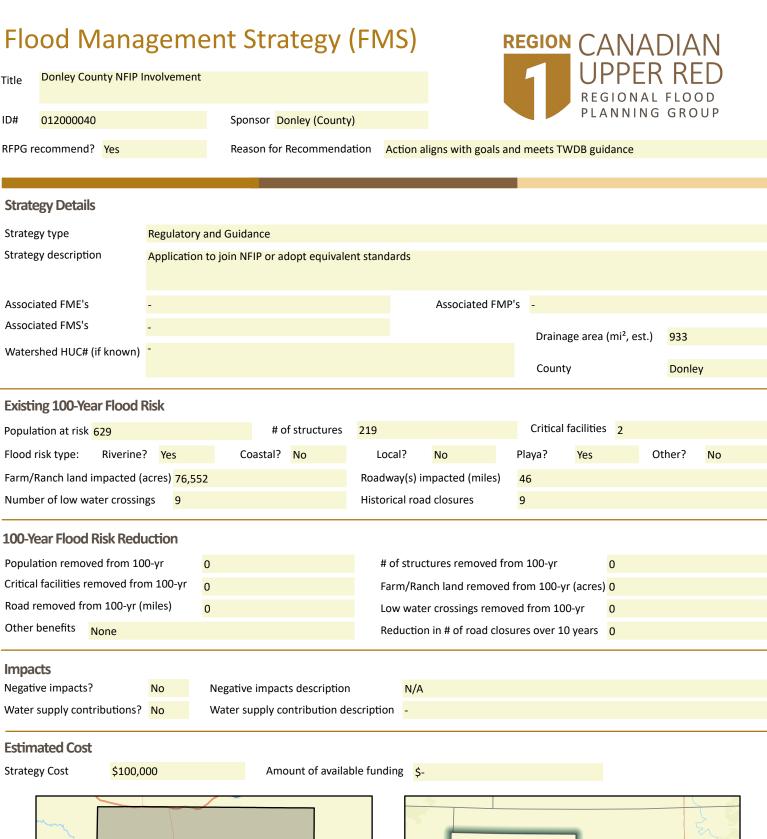
Amount of available funding \$-

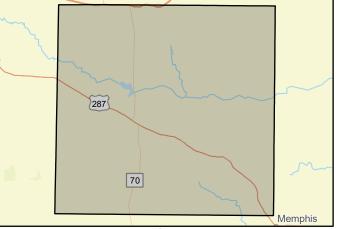


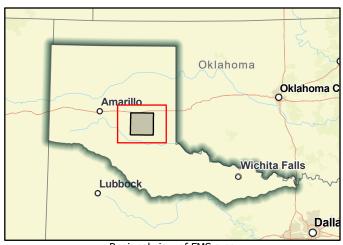


Title

ID#







FMS area

Armstrong County NFIP Involvement

Title



ID# 012000041		Sponsor Armstrong (Cou	punty)				
RFPG recommend? Yes		Reason for Recommenda	ation <mark>Action a</mark>	aligns with goals a	ind meets TWI	DB guidance	
Strategy Details							
Strategy type	Regulatory and	Guidance					
Strategy description	Application to j	oin NFIP or adopt equivale	nt standards				
Associated FME's	-			Associated FM	P's -		
Associated FMS's	-				Drainage	e area (mi², es	st.) <mark>912</mark>
Watershed HUC# (if known)	-				County		Armstrong
					,		
Existing 100-Year Flood I	Risk						
Population at risk 13		# of structures	24		Critical fa	cilities <mark>0</mark>	
Flood risk type: Riverine		Coastal? No	Local?	No	Playa?	Yes	Other? <mark>No</mark>
Farm/Ranch land impacted (				mpacted (miles)	25		
Number of low water crossin	igs <mark>14</mark>		Historical roa	id closures	27		
100-Year Flood Risk Redu	uction						
Population removed from 10	0-yr 0		# of strue	ctures removed fr	om 100-yr	0	
Critical facilities removed fro	m 100-yr <mark>0</mark>		Farm/Ra	nch land removed	d from 100-yr (	acres) <mark>0</mark>	
Road removed from 100-yr (	miles) 0		Low wate	er crossings remo	ved from 100-y	yr <mark>0</mark>	
Other benefits None			Reductio	on in # of road clos	sures over 10 y	rears <mark>0</mark>	
Impacts							
Negative impacts?	No Ne	gative impacts description	N/A				
Water supply contributions?	No Wa	ater supply contribution de	escription -				
Estimated Cost							
Strategy Cost \$100,0	100	Amount of availal	ble funding <mark>\$</mark>				
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FMS area

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FIC	od Ivlana	geme	nt Stra	itegy		5)	R	EGIO	CAN	ADIA	١N
Title	Deaf Smith County N	FIP Involvemer	nt					1	UPPE REGION	AL FLO	O D
ID#	012000042		Sponsor <mark>De</mark>	eaf Smith (Co	unty)				PLANNI	NGGKU	U P
RFPG r	ecommend? Yes		Reason for	Recommenda	ation <mark>Ac</mark>	tion aligns with goal	ls and	d meets T	WDB guidance		
Strate	egy Details										
Strate	gy type	Regulatory ar	nd Guidance								
Strate	gy description	Application to	o join NFIP or ac	dopt equivale	ent standar	ds					
Associ	iated FME's	-				Associated F	-MP's	s -			
Associ	iated FMS's	-						Draina	200 0 roo (mi² or	(t) 1 400	
Water	shed HUC# (if known)	-						Draine	age area (mi <sup>2</sup> , es	st.) <mark>1,498</mark>	
								Count	ΣY	Deaf	Smith
Existi	ing 100-Year Flood I	Risk									
Popula	ation at risk <mark>388</mark>		# o	f structures	120			Critical	facilities <mark>0</mark>		
Flood	risk type: Riverine	? <mark>Yes</mark>	Coastal?	No	Loca	I? No		Playa?	Yes	Other?	No
Farm/	Ranch land impacted (a	acres) <mark>54,135</mark>			Roadwa	y(s) impacted (miles	s)	76			
Numb	er of low water crossin	ngs <mark>18</mark>			Historic	al road closures		25			
100-Y	ear Flood Risk Redu	uction									
Popula	ation removed from 10	00-yr 0			# of	structures removed	d fror	n 100-yr	0		
Critica	I facilities removed fro	m 100-yr 0			Farr	n/Ranch land remov	ved fi	rom 100-y	rr (acres) <mark>0</mark>		
Road ı	removed from 100-yr (i	miles) 0			Low	water crossings rer	nove	d from 10	0-yr <mark>0</mark>		
Other	benefits <mark>None</mark>				Red	uction in # of road o	closu	res over 1	0 years <mark>0</mark>		
Impa	ctc										
-	ive impacts?	No	Negative impact	ts descriptior	1	N/A					
-	supply contributions?		Vater supply co			-					
					-						
Estim	nated Cost										
Strate	gy Cost \$100,0	100	Amo	ount of availa	ble fundin	g <mark>\$-</mark>					
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FMS area

Hereford

Regional view of FMS area

Lubbock

Wichita Falls

Dalla

0

Wheeler County NFIP Involvement

Title

ID#

012000043

RFPG recommend? Yes



Strategy Details									
Strategy type	Regulatory an	d Guidance							
Strategy description	Application to	join NFIP or adopt equiv	alent stand	ards					
Associated FME's	-			Associ	ated FMP's	-			
Associated FMS's	-					Drair	nage area (mi², e	est.) <mark>916</mark>	
Watershed HUC# (if known)	-					Drail		.50.) 510	
						Cour	nty	Whee	eler
Existing 100-Year Flood	Risk								
Population at risk 338		# of structur	es <mark>191</mark>			Critica	al facilities 4		
Flood risk type: Riverine	? Yes	Coastal? No	Lo	cal? No	PI	laya?	Yes	Other?	No
Farm/Ranch land impacted (	acres) <mark>70,022</mark>		Roadv	vay(s) impacted	(miles) <mark>6</mark>	5			
Number of low water crossin	igs <mark>4</mark>		Histor	ical road closure	es 4	Ļ			
100-Year Flood Risk Redu	uction								
Population removed from 10	0-yr 0		#	of structures rer	noved from	100-yr	0		
Critical facilities removed fro				arm/Ranch land					
Road removed from 100-yr (	miles) 0		Lo	w water crossin	igs removed	from 1	00-yr 0		
Other benefits None			Re	eduction in # of	road closure	es over	10 years <mark>0</mark>		
Impacts Negative impacts?	No N	legative impacts descrip	ion	N/A					
Water supply contributions?		Vater supply contribution							
Estimated Cost									
Strategy Cost \$100,0	000	Amount of av	ailable fund	ing <mark>\$-</mark>					
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FMS area

Regional view of FMS area

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Flood Management Strategy (FMS) REGION CANADIAN									
Title Sherman County NFI	IP Involvement				UPPER				
ID# 012000044		Sponsor <mark>Sherman (C</mark>	ounty)		PLANNING				
RFPG recommend? Yes		Reason for Recomme	endation Action	aligns with goals ar	nd meets TWDB guidance				
					_				
Strategy Details									
Strategy type	Regulatory and	l Guidance							
Strategy description	Application to	join NFIP or adopt equiv	valent standards						
Associated FME's	-			Associated FMF	D'S -				
Associated FMS's	-				Drainage area (mi², est.)	926			
Watershed HUC# (if known)	-								
					County	Sherman			
Existing 100-Year Flood	Risk								
Population at risk 32		# of structur	es <mark>21</mark>		Critical facilities 3				
Flood risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa? <mark>Yes</mark> C	)ther? <mark>No</mark>			
Farm/Ranch land impacted	(acres) <mark>44,313</mark>		Roadway(s)	impacted (miles)	57				
Number of low water crossin	ngs <mark>9</mark>		Historical ro	ad closures	10				
100-Year Flood Risk Red	uction								
Population removed from 10	00-yr 0		# of stru	ictures removed fro	om 100-yr 0				
Critical facilities removed fro	om 100-yr 0		Farm/Ra	anch land removed	from 100-yr (acres) <mark>0</mark>				
Road removed from 100-yr	(miles) 0		Low wat	ter crossings remov	ved from 100-yr 0				
Other benefits None			Reductio	on in # of road clos	ures over 10 years 0				
Impacts Negative impacts? Water supply contributions?		egative impacts descrip ater supply contribution		A					
Estimated Cost Strategy Cost \$100,	000	Amount of av	ailable funding 🕴	)-					
287		15			Oklahoma marillo Wig	Oklahoma C oklahoma C			

FMS area

287

Regional view of FMS area

Dalla

Lubbock

Sponsor Dallam (County)

Dallam County NFIP Involvement

Title

ID#

012000045



RFPG recommend? Yes		Reason for	Recommenda	ation <mark>Action</mark>	aligns with goals	and meets	TWDB guidance		
Strategy Details									
Strategy type	Regulatory and	d Guidance							
Strategy description	Application to	join NFIP or a	dopt equivale	ent standards					
Associated FME's	-				Associated FM	1P's <mark>-</mark>			
Associated FMS's	-					Drair	nage area (mi², e	est.) <mark>1,510</mark>	)
Watershed HUC# (if known)	-					Court		Dalla	
						Cour	ity	Dalla	m
Existing 100-Year Flood F	Risk								
Population at risk 1,951		# o	of structures	890		Critica	al facilities 2		
Flood risk type: Riverine	Yes	Coastal?	No	Local?	No	Playa?	Yes	Other?	No
Farm/Ranch land impacted (a	acres) <mark>91,034</mark>			Roadway(s)	impacted (miles)	178			
Number of low water crossin	gs <mark>22</mark>			Historical ro	ad closures	22			
100-Year Flood Risk Redu	uction								
Population removed from 10				# of stri	ictures removed f	rom 100-vr	0		
Critical facilities removed fro					anch land remove				
Road removed from 100-yr (					ter crossings remo				
Other benefits None					on in # of road clo				
Impacts Negative impacts? Water supply contributions?		egative impact /ater supply cc			4				
Estimated Cost									
Strategy Cost \$100,0	00	Amo	ount of availa	ble funding	- -				
87		Dalhart			°	Amarillo -ubbock Regional v	Oklaho Oklaho	Wichita Fa	lahoma C

Sponsor Lipscomb (County)

Lipscomb County NFIP Involvement

Title

ID#

012000046



RFPG recommend? Yes		Reason for Recommenda	ation <mark>Actio</mark>	n aligns with goals	s and meets T	WDB guidance					
Strategy Details											
Strategy type	Regulatory and	Guidance									
Strategy description	Application to j	oin NFIP or adopt equivale	ent standards								
Associated FME's	-			Associated F	MP's -						
Associated FMS's	-					(					
Watershed HUC# (if known)	- Drainage area (mi <sup>2</sup> , est.) 936										
. ,	County Lipscomb										
Existing 100-Year Flood I	Risk										
Population at risk 80 # of structures 100 Critical facilities 0											
Flood risk type: Riverine	Yes	Coastal? No	Local?	No	Playa?	Yes	Other?	No			
Farm/Ranch land impacted (	acres) 66,275		Roadway(s	) impacted (miles	) 20						
Number of low water crossin	gs <mark>6</mark>		Historical r	oad closures	6						
100-Year Flood Risk Redu	iction										
Population removed from 10	0-yr 0		# of st	ructures removed	from 100-yr	0					
Critical facilities removed fro	m 100-yr 0		Farm/I	Ranch land remov	ed from 100-	yr (acres) <mark>0</mark>					
Road removed from 100-yr (	niles) <mark>0</mark>		Low w	ater crossings rem	noved from 1	00-yr 0					
Other benefits None			Reduct	tion in # of road cl	losures over 1	LO years 0					
Impacts Negative impacts? Water supply contributions?		gative impacts description ater supply contribution de		/A							
Estimated Cost											
Strategy Cost \$100,0	00	Amount of availa	ble funding	¢_							
83	FMS area	60			Amarillo	Oklaho		lahoma C			

Flood Mana	agement	Strategy	(FMS	)		ANA	DIAN
Title Ochiltree County NF	IP Involvement						R RED
ID# 012000047	Sp	oonsor <mark>Ochiltree (Cou</mark>	nty)				G GROUP
RFPG recommend? Yes	Re	eason for Recommend	ation Actio	n aligns with goals	and meets TWDB g	guidance	
Strategy Details							
Strategy type	Regulatory and Gu	idance					
Strategy description	Application to join	NFIP or adopt equivale	ent standards	3			
Associated FME's	-			Associated FN	1P's <mark>-</mark>		
Associated FMS's	-				Drainage ar	ea (mi², est.)	923
Watershed HUC# (if known)	) -					( ,,	
					County		Ochiltree
Existing 100-Year Flood	Risk						
Population at risk 658		# of structures	369		Critical facilit	ties <mark>1</mark>	
Flood risk type: Riverine	e? <mark>Yes</mark>	Coastal? No	Local?	No	Playa? Yes	;	Other? <mark>No</mark>
Farm/Ranch land impacted	(acres) <mark>48,150</mark>		Roadway(	s) impacted (miles)	31		
Number of low water crossi	ings 1		Historical	road closures	1		
100-Year Flood Risk Red	luction						
Population removed from 1	00-yr 0		# of st	ructures removed f	rom 100-yr	0	
Critical facilities removed from			Farm/	Ranch land remove	d from 100-yr (acr	es) <mark>0</mark>	
Road removed from 100-yr	(miles) 0		Low w	ater crossings remo	oved from 100-yr	0	
Other benefits None			Reduc	tion in # of road clo	sures over 10 year	rs <mark>0</mark>	
Impacts Negative impacts?	No Negat	ive impacts descriptio	n N	J/A			
Water supply contributions	? <mark>No</mark> Water	supply contribution d	escription -				
Estimated Cost							
Strategy Cost \$100,	,000	Amount of availa	able funding	\$-			
	(83)						
15		Lance	2		Amarillo	Oklahoma	Oklahoma C Chita Falls

FMS area

83

Regional view of FMS area

Dalla

Lubbock

Flo	ood Mana	geme	ent Sti	rategy	(FMS	5)	REGIO		ADIA	٨N
Title	Channing NFIP Involv	ement					1	UPPE	ER RI	ED
ID#	012000062		Sponsor	Channing (Mur	nicipality)			REGION PLANNI	AL FLO NG GRO	0 D ) U P
RFPG	recommend? Yes		Reason f	or Recommenda	ation Act	ion aligns with goals	and meets	TWDB guidance		
Strat	egy Details									
Strate	egy type	Regulatory a	nd Guidance							
Strate	gy description	Application 1	to join NFIP o	r adopt equivale	ent standaro	ls				
Assoc	iated FME's	-				Associated FI	MP's <mark>-</mark>			
Assoc	iated FMS's	-					Drai	nage area (mi², es	st.) 1	
Wate	rshed HUC# (if known)	1109010501	.04, 11090102	20702				-		
							Cou	nty	Hartl	еу
Exist	ing 100-Year Flood I	Risk								
Popul	ation at risk <mark>0</mark>			# of structures	0		Critic	al facilities 0		
Flood	risk type: Riverine	? Yes	Coasta	I? No	Local	? No	Playa?	No	Other?	No
Farm/	Ranch land impacted (	acres) <mark>0</mark>			Roadway	(s) impacted (miles)	) 0			
Numb	per of low water crossin	igs <mark>O</mark>			Historica	l road closures	0			
100 \	/ear Flood Risk Redu	uction								
	ation removed from 10		<b>`</b>		# of	structures removed	from 100 v	0		
•	al facilities removed from 10					Nanch land removed				
	removed from 100-yr (					water crossings rem				
Other	benefits None		•			iction in # of road cl				
Impa		_								
	ive impacts?	No	• •	oacts description		N/A				
water	supply contributions?	NO	water supply	contribution de	escription	-				
Estin	nated Cost									
Strate	gy Cost \$100,0	000	A	mount of availa	ble funding	\$-				
								_		
	FM-767	Holiday Park						Oklaho	ma	They are
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			hanning				Amarillo o		0	
	w	11th-St						1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	l l	man
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FMS area

#### Elood Man ratagy (ENAC) ..... .... ж. C 1 \_

FIO		geme	ent Stra	itegy	(FIVIS)		REGION CAP	VADIAN
Title	Lakeview NFIP Involv	ement						PER RED
							REGIO	NAL FLOOD NING GROUP
ID#	012000009		Sponsor La	<mark>ikeview (Mun</mark>	icipality)		PLANT	NING GROUP
RFPG re	ecommend? Yes		Reason for	Recommenda	ation Action al	igns with goals	and meets TWDB guidand	ce
Strate	egy Details							
	gy type	Pogulatory	and Guidance					
	gy description		to join NFIP or a	dopt equivale	ent standards			
01.0102	5,	Application						
Associ	ated FME's	_				Associated FN	MP's -	
	ated FMS's	-						
Water	shed HUC# (if known)	1112010502	206				Drainage area (mi <sup>2</sup>	², est.) <mark>0</mark>
							County	Hall
Evicti	ng 100-Year Flood I	Dick						
	ation at risk 7		# 0	of structures	10		Critical facilities 0	
	risk type: Riverine	? Yes	Coastal?		Local?	No	Playa? No	Other? No
	Ranch land impacted (		Coastal	NO		npacted (miles)		
	er of low water crossin				Historical road		0	
							-	
100-Y	ear Flood Risk Redu	uction						
Popula	ation removed from 10	00-yr	0		# of struc	tures removed	from 100-yr 0	
	l facilities removed fro		0		Farm/Ran	ch land remove	ed from 100-yr (acres) <mark>0</mark>	
	removed from 100-yr (	miles)	0		Low wate	r crossings rem	oved from 100-yr 0	
Other	benefits <mark>None</mark>				Reduction	n in # of road clo	osures over 10 years 0	
Impa	cts							
	ve impacts?	No	Negative impac	ts description	N/A			
Water	supply contributions?	No	Water supply co	ontribution de	escription -			
	atad Cast							
	a <b>ted Cost</b> gy Cost \$100,0	000	٨٣	ount of availa	ble funding <u>5-</u>			
Share	şy cost <u>ş100,c</u>	100	Alli		pie iuliulită 2-			
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	Lak	eview	Hig	hway 256			Amarillo	Oklahoma C
			E Lewis St					hand
		Dave	nport St	St				
			d	4th				Wichita Falls
	di d		(i)			0	Lubbock	

FMS area

Regional view of FMS area

Flood Mana	gemei	REGION CAN	ADIAN			
Title Matador NFIP Involve	ement					ER RED
ID# 012000029		Sponsor Matador (Mur	nicipality)			ING GROUP
RFPG recommend? Yes		Reason for Recommend	ation Action al	igns with goals a	and meets TWDB guidance	
Strategy Details						
Strategy type	Regulatory an	d Guidance				
Strategy description	Application to	join NFIP or adopt equival	ent standards			
Associated FME's	-			Associated FM	IP's -	
Associated FMS's	-				Drainage area (mi²,	est.) <mark>1</mark>
Watershed HUC# (if known)	111301040403	2			County	Motley
					county	Motley
Existing 100-Year Flood F	Risk					
Population at risk 12		# of structures	8		Critical facilities 0	
Flood risk type: Riverine?	Yes	Coastal? No	Local?	No	Playa? No	Other? No
Farm/Ranch land impacted (a				pacted (miles)	1	
Number of low water crossin	gs <mark>0</mark>		Historical roac	l closures	0	
100-Year Flood Risk Redu	iction					
Population removed from 10	0-yr 0		# of struct	ures removed f	rom 100-yr 0	
Critical facilities removed from	m 100-yr 0		Farm/Ran	ch land remove	d from 100-yr (acres) <mark>0</mark>	
Road removed from 100-yr (	niles) <mark>0</mark>		Low water	r crossings remo	oved from 100-yr 0	
Other benefits None			Reduction	in # of road clo	sures over 10 years 0	
Impacts						
Negative impacts?	No	legative impacts description	n <mark>N/A</mark>			
Water supply contributions?	No	Vater supply contribution d	escription -			
Estimated Cost						
Strategy Cost \$100,0	00	Amount of availa	able funding <mark>\$-</mark>			
		Harrison Ave Harry Ave Matador Houston Ave			Amarillo ubbock	oma Oklahoma C Wichita Falls

FMS area

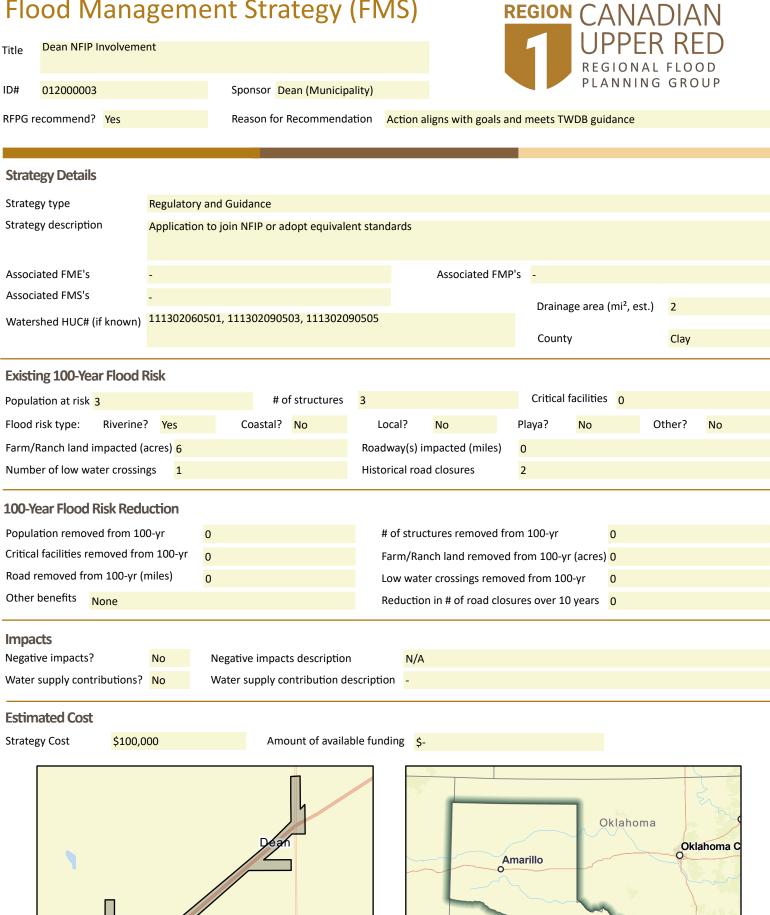
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Regional view of FMS area

Flood Mana	gemen	t Strategy	(FMS)		REGIO	CAN	ADIAN	١
Title Bellevue NFIP Involve	ment						ER RE	
ID# 012000013		Sponsor <mark>Bellevue (Mun</mark>	icipality)				IAL FLOOD NG GROU	
RFPG recommend? Yes		Reason for Recommend		aligns with goals	and meets T	WDB guidance		
						TOD guidance		
Strategy Details								
	Regulatory and	Guidance						
		oin NFIP or adopt equivale	ent standards					
	, , , , , , , , , , , , , , , , , , ,							
Associated FME's	-			Associated FI	MP's -			
Associated FMS's	-				Drain	ago aroa (mi² a	act ) 1	
Watershed HUC# (if known)	111302010203,	111302090403			Draina	age area (mi², e	est.) <mark>1</mark>	
					Coun	ty	Clay	
Existing 100-Year Flood R	lisk							
Population at risk 0		# of structures	0		Critical	facilities 0		
Flood risk type: Riverine?	Yes	Coastal? No	Local?	No	Playa?	No	Other?	10
Farm/Ranch land impacted (a	cres) <mark>3</mark>		Roadway(s) i	impacted (miles)	) 0			
Number of low water crossing	gs <mark>O</mark>		Historical roa	ad closures	0			
100-Year Flood Risk Redu	ction							
Population removed from 100			# of stru	ctures removed	from 100-yr	0		
Critical facilities removed from				inch land remove		yr (acres) <mark>0</mark>		
Road removed from 100-yr (n	niles) <mark>0</mark>		Low wat	er crossings rem	noved from 10	)0-yr 0		
Other benefits None			Reductio	on in # of road cl	osures over 1	.0 years 0		
luene de								
Impacts Negative impacts?	No Ne	gative impacts descriptior	n N/A	A				
Water supply contributions?		iter supply contribution de						
Estimated Cost		_						
Strategy Cost \$100,0		Amount of availa	ble funding <mark>\$</mark>	-				
Highway 29	Ř	<i>\</i>						
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		$\sim$				Oklaho	oma	~
	Belle	evue			Amarillo		Oklaho	oma C
Be/evue Cometery	6th St	7					- Ale	m
Cemetery	rank	90 6th St				×		
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FMS area

Regional view of FMS area

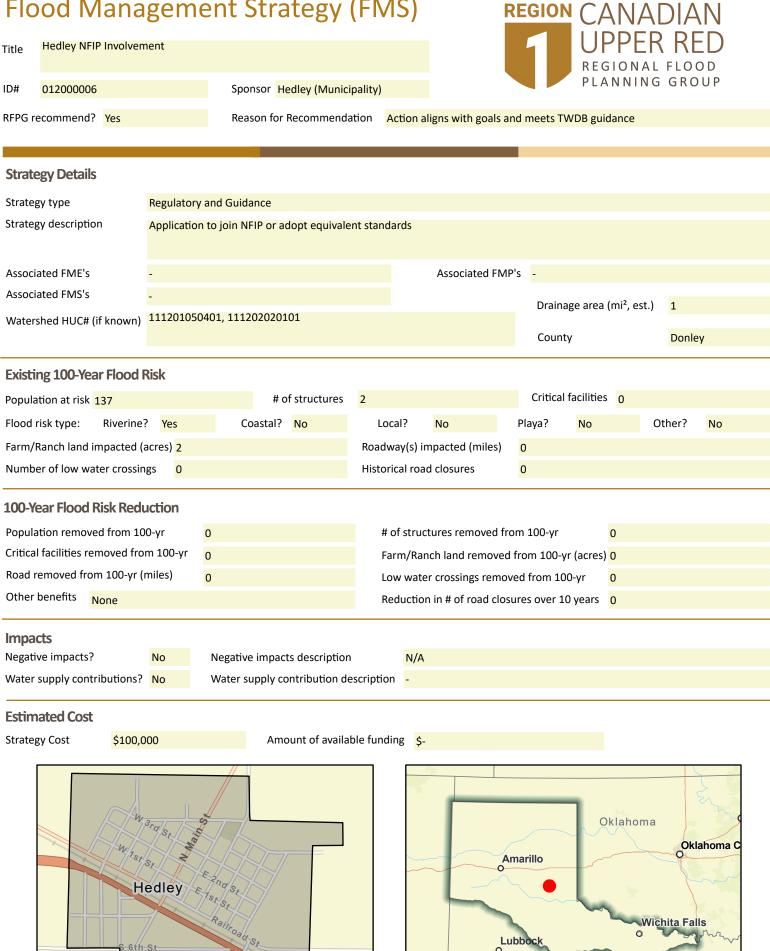


FMS area

Regional view of FMS area

Lubboc

Wichita Falls



FMS area

6th\_St

Regional view of FMS area

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Lubboo

Flo	od Mana	igeme	ent Str	ategy	(FMS	5)	REGIO	N CANA	<b>ADIA</b>	N
Title	Windthorst NFIP Invo	olvement					1	UPPE REGIONA	R RE	Ð
ID#	012000012		Sponsor	Windthorst (M	unicipality)			PLANNIN		
RFPG r	ecommend? Yes		Reason fo	or Recommenda	ation <mark>Act</mark>	ion aligns with goals	and meets	TWDB guidance		
Strat	egy Details									
Strate	gy type	Regulatory a	nd Guidance							
Strate	gy description	Application t	o join NFIP or	adopt equivale	ent standar	ds				
Assoc	iated FME's	-				Associated FN	MP's -			
Assoc	iated FMS's	-					Drai	nage area (mi², est	:.) <mark>2</mark>	
Water	shed HUC# (if known)	1113020903	01, 111302090	0302					, 2	
							Cou	nty	Clay, A	rcher
Existi	ing 100-Year Flood	Risk								
Popula	ation at risk 0		#	of structures	0		Critica	al facilities 0		
Flood	risk type: Riverine	? Yes	Coastal	? No	Local	? No	Playa?	No	Other?	No
Farm/	Ranch land impacted (	(acres) <mark>1</mark>			Roadwa	y(s) impacted (miles)	0			
Numb	er of low water crossir	ngs <mark>0</mark>			Historica	I road closures	0			
100-V	ear Flood Risk Red	uction								
	ation removed from 10		1		# of	structures removed	from 100-vr	0		
	Il facilities removed fro					n/Ranch land remove				
	removed from 100-yr (					water crossings rem				
Other	benefits None					uction in # of road cl				
					_					
Impa		_								
	ive impacts?			acts description		N/A				
Water	supply contributions?	No	Water supply	contribution de	escription	-				
Estin	nated Cost									
Strate	gy Cost \$100,0	000	Ar	nount of availa	ble funding	ş-				
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							Amarillo			
	State Highway 25	F		1				- Le - Sec	L L	ran
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FMS area

Flo	ood Mana	geme	ent Strategy	(FM	S)	REGIO		ADIA	٨N
Title	Quitaque NFIP Involv	ement					UPPE		
ID#	012000002		Sponsor Quitaque (Mu	nicipality)			REGION PLANNII		
RFPG	recommend? Yes		Reason for Recommend		ction aligns with goals	and meets	TWDB guidance		
						und meeto	Fille Buildinee		
Church	egy Deteile								
	egy Details								
	egy type		and Guidance						
Strate	gy description	Application t	to join NFIP or adopt equival	ent standa	rds				
Assoc	iated FME's	_			Associated FN	MP's -			
	iated FMS's	-							
Wate	rshed HUC# (if known)	1113010302	09, 111301030304			Drai	nage area (mi², es	st.) <mark>1</mark>	
	· · · · ·					Cou	nty	Brisco	be
Exist	ing 100-Year Flood I	Risk							
	ation at risk 1		# of structures	2		Critic	al facilities 0		
	risk type: Riverine	? Yes	Coastal? No	Loca	al? No	Playa?	Yes	Other?	No
Farm/	Ranch land impacted (	acres) <mark>0</mark>		Roadwa	ay(s) impacted (miles)	0			
Numb	per of low water crossin	igs <mark>O</mark>		Historio	al road closures	0			
100-\	/ear Flood Risk Redu	uction							
	ation removed from 10		١	# 0	f structures removed	from 100-vr	0		
	al facilities removed fro				m/Ranch land remove				
Road	removed from 100-yr (				v water crossings rem				
Other	benefits <mark>None</mark>			Red	duction in # of road cl	osures over	10 years 0		
luces									
Impa Negat	icts ive impacts?	No	Negative impacts description	n	N/A				
-	' supply contributions?		Water supply contribution d						
	nated Cost		Ann anns a fransil						
Strate	egy Cost <mark>\$100,0</mark>	100	Amount of availa	ible fundir	ig Ş-				
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	time to the second seco						Oklahor		
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	Quitaq	ue E Mair	n St					7	Kan San
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FMS area

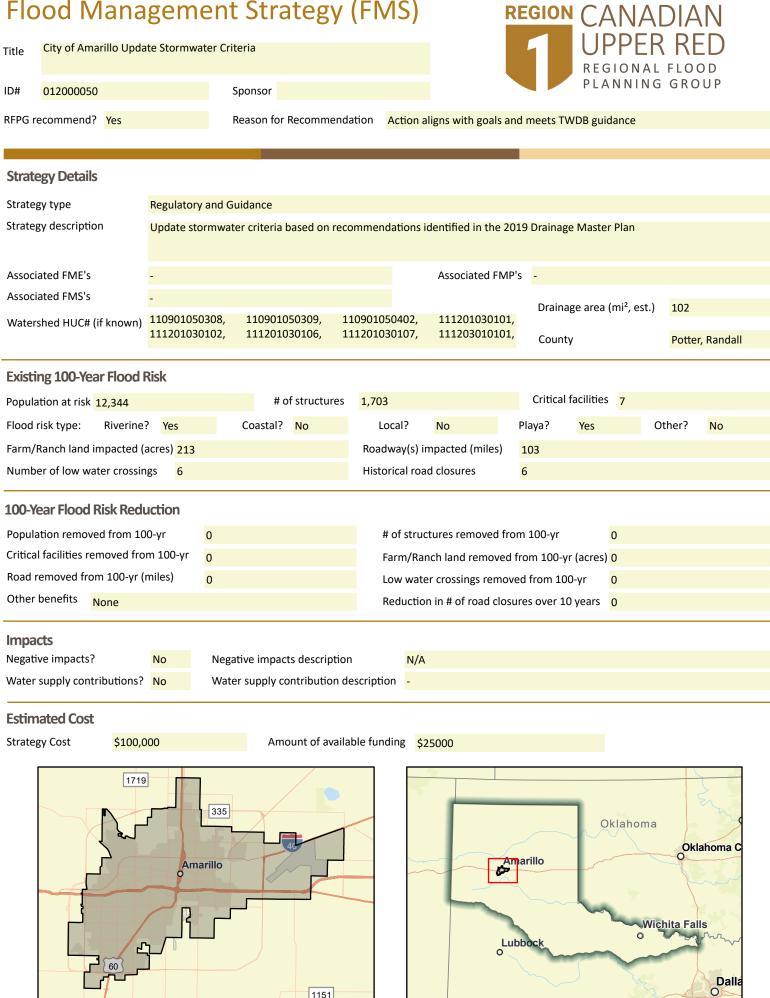
FIOOD IVIANA	gement	strategy		13)		REGIO	C/	ANA	DIA	N N
Title Silverton NFIP Involve	ment						UF	PEF	₹ RE	ED
							REG	IONAL	FLOC	D D
ID# 012000017	Spc	nsor <mark>Silverton (Mun</mark>	<mark>icipality)</mark>				PLA	NNINC	J GRO	UΡ
RFPG recommend? Yes	Rea	son for Recommenda	ation <mark>/</mark>	Action align	s with goals a	and meets T	WDB guio	dance		
Strategy Details										
	Regulatory and Guid	ance								
		FIP or adopt equivale	ent stand	lards						
Associated FME's	_			A	ssociated FM	1P's -				
Associated FMS's	-					Dusta		(:?		
Watershed HUC# (if known)	111301030101					Draina	age area	(mi², est.)	1	
						Count	ÿ		<b>Brisco</b>	e
Existing 100-Year Flood R	lick									
Population at risk 0		# of structures	0			Critical	facilities	0		
Flood risk type: Riverine?	No C	oastal? No		cal? No	2	Playa?	Yes		Other?	No
Farm/Ranch land impacted (a		110			cted (miles)	0	105		5	110
Number of low water crossing				rical road clo		0				
100-Year Flood Risk Redu	iction									
Population removed from 100			#	of structure	es removed f	rom 100-yr		0		
Critical facilities removed from					and remove					
Road removed from 100-yr (n Other benefits None	niles) 0				ossings remo # of road clo			0		
Other benefits None				eduction in		sules over 1	U years	0		
Impacts										
Negative impacts?		e impacts description		N/A						
Water supply contributions?	No Water s	upply contribution de	escriptio	n -						
Estimated Cost										
Strategy Cost \$100,0	00	Amount of availa	ble fund	ing <mark>\$-</mark>						
ty_Road_LN										
ity Koad	1.st=	St								
	2nd_St 3rd_St							klahoma		The second
	Silverton						-N-	$\sim$		ahoma C
	St St	t				Amarillo			-9-	
Say 1.St	straidfoot Pulitzer S n St	Parks-St								m
Stalbird-S	Braidf Pullitz	Carter-S				• ~			chita Fall	
		C.a			L	ubbock		0		man
Brisc	-1-1th-St		5		0					
	13th-St		C					No.	d	Dalla

FMS area

Flo	ood Mana	igeme	ent Stra	tegy	(FMS	5)	REGIO	CAN/	ADIA	N
Title	Follett NFIP Involvem	nent						UPPE	ER RI	ED
ID#	012000024		Sponsor Fo	llett (Municip	oality)			REGION PLANNI		
RFPG I	recommend? No		Reason for	Recommenda	ation Con	nmunity not interest	ted in partic	ipation		
						,				
Strat	egy Details									
	0,	Descriptions								
	egy type egy description		and Guidance	lont oquivala	nt standars	lc				
Juac	.gy description	Application	to join NFIP or ac		int Stanuart	15				
Assoc	iated FME's	-				Associated FN	MP's -			
Assoc	ciated FMS's	-						(		
Wate	rshed HUC# (if known)	1110020302	01, 1110020304	01			Draii	nage area (mi², es	st.) <mark>1</mark>	
							Cou	nty	Lipsc	omb
Exist	ing 100-Year Flood	Risk								
	ation at risk 1		# o	f structures	1		Critica	al facilities 0		
Flood	risk type: Riverine	? Yes	Coastal?	No	Local	? No	Playa?	No	Other?	No
Farm/	Ranch land impacted (	acres) <mark>1</mark>			Roadway	(s) impacted (miles)	) 0			
Numb	per of low water crossir	ngs <mark>O</mark>			Historica	l road closures	0			
100-\	ear Flood Risk Red	uction								
	ation removed from 10		)		# of s	structures removed	from 100-yr	0		
	al facilities removed fro					/Ranch land remove				
Road	removed from 100-yr (	miles) (	)			water crossings rem				
Other	r benefits <mark>None</mark>				Redu	ction in # of road cl	osures over	10 years 0		
luce	a cha									
Impa Negat	tive impacts?	No	Negative impact	s description		N/A				
	r supply contributions?		Water supply co			-				
	nated Cost									
Strate	egy Cost <mark>\$100,0</mark>	000	Amo	ount of availal	ble funding	Ş-				
		Fo	N Main St N Young St		Fo		Amarillo	Oklahor		lahoma C
			A story of the sto	1454	Ŧ	0	Lubbock		Wichita Fa	lis Dalla

FMS area

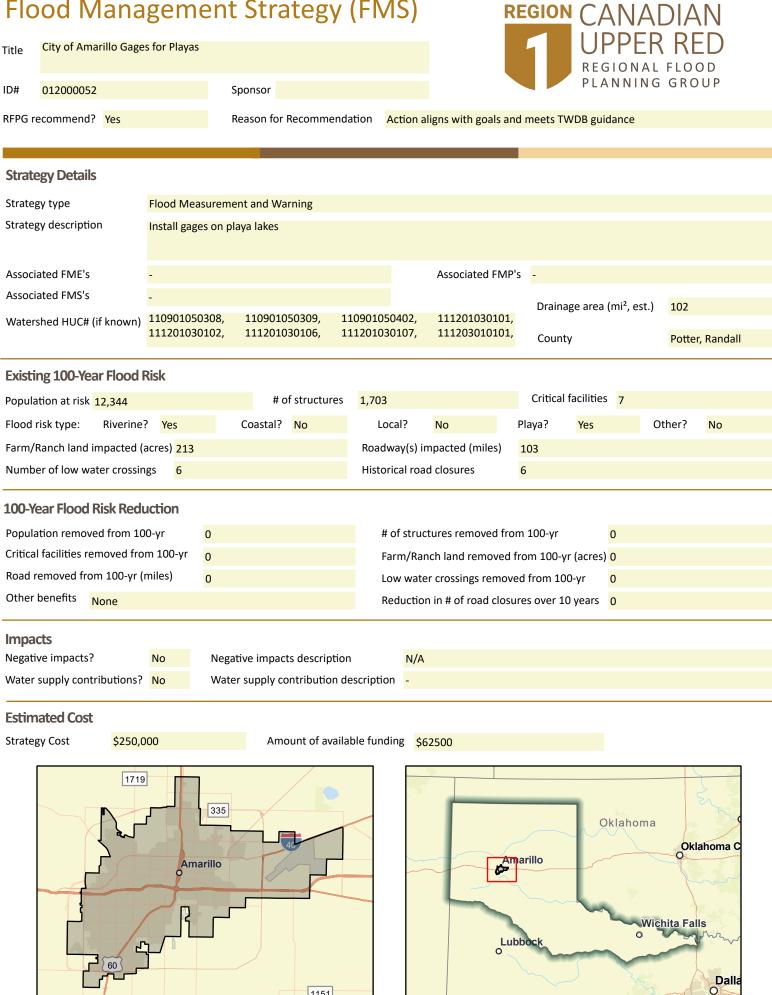
Regional view of FMS area



FMS area

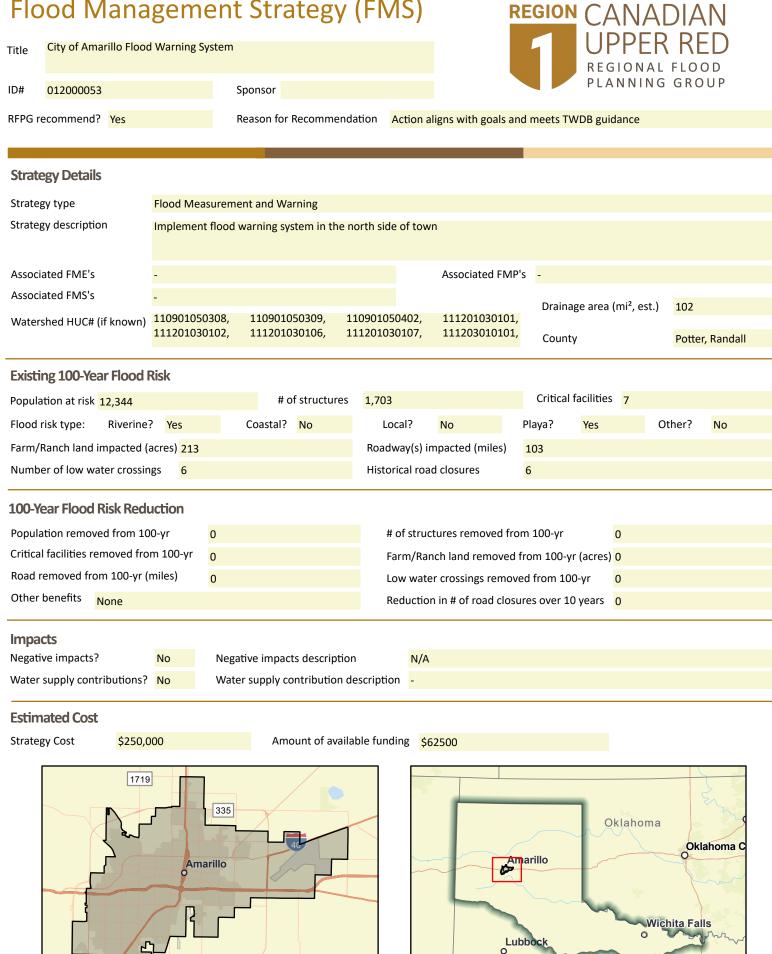
Flc	od Mana	geme	ent Strategy	/ (FMS)	REGION CANADIAN				
Title	City of Amarillo Deve	lop Criteria fo	or Playa Development			ER RED			
ID#	012000051		Sponsor				ING GROUP		
RFPG r	ecommend? Yes		Reason for Recommen	ndation Action a	ligns with goals ar	nd meets TWDB guidance	3		
Strat	egy Details								
Strate	gy type	Regulatory a	ind Guidance						
Strate	gy description	Address sust	tainable playa developmen	t; establish modell	ing standard				
	iated FME's	-			Associated FMP	"S -			
	iated FMS's	- 1109010503	08, 110901050309,	110901050402,	111201030101,	Drainage area (mi²,	est.) 102		
Water	shed HUC# (if known)	1112010301		111201030107,	111201030101,		Potter, Randall		
Evicti	ing 100-Year Flood I	Dick							
	ation at risk 12,344	71217	# of structure	es 1,703		Critical facilities 7			
	risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa? Yes	Other? No		
	Ranch land impacted (				Roadway(s) impacted (miles) 103				
Numb	er of low water crossin	igs <mark>6</mark>		Historical roa	d closures	6			
100-Y	ear Flood Risk Redu	uction							
	ation removed from 10		)	# of struc	tures removed fro	om 100-yr 0			
Critica	I facilities removed fro			Farm/Rar	nch land removed	from 100-yr (acres) 0			
Road	removed from 100-yr (	miles) <mark>0</mark>	)	Low wate	er crossings remov	ed from 100-yr 0			
Other	benefits <mark>Environme</mark>	ntal benefits		Reductio	n in # of road clos	ures over 10 years 0			
Impa	cts								
Negat	ive impacts?	No	Negative impacts descript	ion N/A					
Water	supply contributions?	No	Water supply contribution	description -					
Estin	nated Cost								
Strate	gy Cost \$100,0	000	Amount of ava	ilable funding \$2	5000				
					6	Oklah Darillo bbock	oma Oklahoma C Wichita Falls Dalla		

FMS area



FMS area

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FMS area

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Regional view of FMS area

Flo	od Mana	geme	nt Str	ategy	<b>(</b> F	MS)		R	EGIOI		ADIA	١N	
Title	Stratford NFIP Involve	ement							-		ER R		
											NAL FLO ING GRO		
ID#	012000011		Sponsor :	Stratford (Mun	icipal	ity)							
RFPG re	ecommend? <mark>Yes</mark>		Reason fo	r Recommend	ation	Action a	lligns with goal	ls and	d meets T	WDB guidance	2		
Church	- Deteile												
	egy Details												
	gy type	Regulatory ar											
Strateg	gy description	Application to	o join NFIP or	adopt equivale	ent sta	andards							
Associ	ated FME's	-					Associated F	-MP'	s -				
Associ	ated FMS's	-							. ·	1.2			
Waters	shed HUC# (if known)	11100103020	9, 111001030	0403 <i>,</i> 1110010	3040	4			Draina	age area (mi²,	est.) <mark>2</mark>		
	· · · ·								Coun	ty	Sher	man	
Existi	ng 100-Year Flood	Risk											
Popula	ition at risk <mark>0</mark>		#	of structures	0				Critical	l facilities 0			
Flood	risk type: Riverine	? Yes	Coastal	No		Local?	No		Playa?	No	Other?	No	
Farm/I	Ranch land impacted (	acres) <mark>0</mark>		Roadway(s) impacted (miles				s)	) 0				
Numb	er of low water crossir	ngs <mark>O</mark>	Historical road closures			d closures		0					
100-Y	ear Flood Risk Redu	uction											
Popula	ation removed from 10	0-yr 0				# of strue	tures removed	d fror	m 100-yr	0			
	l facilities removed fro						nch land remov			yr (acres) <mark>0</mark>			
Road r	emoved from 100-yr (	miles) 0					er crossings rer						
Other	benefits <mark>None</mark>					Reductio	n in # of road c	closu	res over 1	.0 years 0			
Impa Negati	<b>cts</b> ve impacts?	No	Negative impa	cts descriptior	h	N/A							
	supply contributions?			contribution d									
Estim	ated Cost												
Strate	gy Cost \$100,0	000	An	nount of availa	ble fu	unding <mark>\$</mark> -							
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FMS area

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Regional view of FMS area

FIOOd	Iviana	igem	en	l Stra	legy	(FIVIS)		REGIO	N CAN	IADIA	٨N		
Title Texhoma NFIP Involvement									UPPER RED REGIONAL FLOOD PLANNING GROUP				
ID# 012000	008			Sponsor Texhoma (Municipality)									
RFPG recommer	nd? <mark>Yes</mark>			Reason for R	Recommend	ation <mark>Acti</mark>	on aligns with goa	als and meets	TWDB guidance	е			
Strategy Deta	ails												
Strategy type		Regulator	y and G	uidance									
Strategy descrip	otion	Applicatio	on to joi	join NFIP or adopt equivalent standards									
Associated FME	's	-					Associated	FMP's -					
Associated FMS	5's	-						Drair	nage area (mi²,	est.) 2			
Watershed HUC	C# (if known)	11100101	L0804, 1	1100103040	07, 1110010	30408							
								Cour	nty	Sher	man		
Existing 100-	Year Flood	Risk											
Population at ris	sk <mark>0</mark>			# of	structures	0		Critica	al facilities 0				
Flood risk type:	Riverine	? <mark>Yes</mark>		Coastal?	No	Local?	No	Playa?	No	Other?	No		
Farm/Ranch lan	nd impacted (	acres) <mark>2</mark>				Roadway	(s) impacted (mile	es) <mark>0</mark>	0				
Number of low	water crossir	ngs <mark>O</mark>		Historical road closures			road closures	0					
100-Year Floo	d Risk Red	uction											
Population rem			0			# of s	tructures remove	ed from 100-yr	0				
Critical facilities	removed fro	om 100-yr	0				/Ranch land remo						
Road removed	from 100-yr (	miles)	0	0			water crossings re	emoved from 1	d from 100-yr 0				
Other benefits	None					Redu	ction in # of road	closures over	10 years 0				
lucino ete													
Impacts Negative impact	ts?	No	Nega	ative impacts	s descriptior	ı	N/A						
Water supply co		No	-	er supply coi									
Estimated Co													
Strategy Cost	\$100,0	000		Amo	unt of availa	ble funding	\$-						
Municipa		54 Sounty Poo	Tex	Texhom	a			Amarillo	Oklah		klahoma C		

FMS area

Regional view of FMS area

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FIC	od ivlana	geme	ent Strategy	(FIVIS)	)	REGIO	CAN/	ADIA	٩Ν		
Title	Sanford NFIP Involver	ment			UPPER RED REGIONAL FLOOD						
ID#	012000023		Sponsor Sanford (Munic	cipality)			PLANNI	NG GRC	) U P		
RFPG r	ecommend? Yes		Reason for Recommenda	ation <mark>Actio</mark>	on aligns with goals	and meets	TWDB guidance				
Strate	egy Details										
Strate	gy type	Regulatory a	and Guidance								
	gy description		to join NFIP or adopt equivale	ent standard	5						
Associ	iated FME's	-			Associated FN	MP's -					
Associ	iated FMS's	-				Drair	nage area (mi², es	st.) <mark>0</mark>			
Water	shed HUC# (if known)	1109010601	.05								
						Cour	ity	Hutch	hinson		
Existi	ing 100-Year Flood I	Risk									
Popula	ation at risk <mark>0</mark>		# of structures	0		Critica	al facilities 0				
Flood	risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa?	No	Other?	No		
Farm/I	Ranch land impacted (a	acres) <mark>3</mark>		Roadway(	s) impacted (miles)	0					
Numb	er of low water crossin	igs <mark>O</mark>		Historical	road closures	0					
100-Y	ear Flood Risk Redu	uction									
Popula	ation removed from 10	0-yr (	)	# of s	tructures removed	from 100-yr	0				
Critica	I facilities removed fro		0	Farm/	Ranch land remove	ed from 100-	-yr (acres) <mark>0</mark>				
Road r	removed from 100-yr (i	miles) (	0	Low v	vater crossings rem	oved from 1	.00-yr 0				
Other	benefits <mark>None</mark>			Reduc	ction in # of road clo	osures over :	10 years 0				
Impa											
-	ive impacts?	No	Negative impacts description		N/A						
water	supply contributions?	No	Water supply contribution de	escription -							
Estim	nated Cost										
Strate	gy Cost \$100,0	000	Amount of availa	ble funding	\$-						
	Sanford	E Cronws E Davis E Ma	ast the state of t		R	Amarillo	Oklaho		lahoma C		

FMS area

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FIOOD IVI	ana	geme	ent Strateg	gy (fiv	/15)		REGIO	N CAľ	VADIA	λN
Title Stinnett NFIP Involvement								UPF	'ER R	ED
								)NAL FLO NING GRO		
ID# 012000022			Sponsor <mark>Stinnett (</mark>							
RFPG recommend?	Yes		Reason for Recom	mendation	Action aligns	with goals a	and meets T	WDB guidan	се	
Strategy Details										
Strategy type		Regulatory a	and Guidance							
Strategy description		Application	to join NFIP or adopt eq	uivalent stan	dards					
Associated FME's		-			Ass	sociated FN	1P's -			
Associated FMS's		-					Drair	nage area (mi <sup>:</sup>	<sup>2</sup> , est.) 2	
Watershed HUC# (if I	known)	1109010601	.06, 110901060108							
							Cour	ity	Hutc	hinson
Existing 100-Year	Flood R	lisk								
Population at risk 74	Ļ		# of struct	ures <mark>67</mark>			Critica	l facilities 0		
Flood risk type: F	Riverine?	Yes	Coastal? No	Lo	ocal? No		Playa?	No	Other?	No
Farm/Ranch land imp	pacted (a	cres) <mark>2</mark>		Road	way(s) impac	ted (miles)	3			
Number of low wate	r crossin <sub>{</sub>	gs <mark>1</mark>		Histo	rical road clos	sures	1			
100-Year Flood Ris	sk Redu	ction								
Population removed			)	#	of structures	s removed f	rom 100-vr	0		
Critical facilities remo			)		arm/Ranch la					
Road removed from	100-yr (n		)		ow water cro					
Other benefits No	ne			F	Reduction in #	t of road clo	sures over :	10 years 0		
Impacts Negative impacts?		No	Negative impacts descr	rintion	N/A					
Water supply contrib	outions?	No	Water supply contribut							
			,	•						
Estimated Cost										
Strategy Cost	\$100,0	00	Amount of	available fund	ling <mark>\$-</mark>					
687		152	11/6 innett <sup>9</sup> / <sup>1</sup> / <sub>1</sub> / <sub>0</sub> 5 8			•	• Amarillo -ubbock	Okla	homa Ok Wichita Fa	clahoma C alls Dallá

FMS area

FMS area

FIUUU IVIAIIA	igement strategy	(FIVIS)	REGION CAN	ADIAN			
Title Nazareth NFIP Involv	rement		UPPER RED REGIONAL FLOOD				
ID# 012000007	Sponsor <mark>Nazareth (Mu</mark>	nicipality)	PLANN	ING GROUP			
RFPG recommend? Yes	Reason for Recommen	dation Action aligns with goals	and meets TWDB guidance				
Strategy Details			_				
Strategy type	Regulatory and Guidance						
Strategy description	Application to join NFIP or adopt equiva	lent standards					
Associated FME's	-	Associated FN	/IP's <mark>-</mark>				
Associated FMS's	-		Drainage area (mi², o	est.) <mark>0</mark>			
Watershed HUC# (if known)	111201040202						
			County	Castro			
Existing 100-Year Flood	Risk						
Population at risk <mark>0</mark>	# of structures	0	Critical facilities 0				
Flood risk type: Riverine	? No Coastal? No	Local? No	Playa? <mark>Yes</mark>	Other? No			
Farm/Ranch land impacted (		Roadway(s) impacted (miles)	0				
Number of low water crossir	ngs <mark>0</mark>	Historical road closures	0				
100-Year Flood Risk Red	uction						
Population removed from 10	00-yr 0	# of structures removed f	from 100-yr 0				
Critical facilities removed fro	om 100-yr 0	Farm/Ranch land remove	ed from 100-yr (acres) <mark>0</mark>				
Road removed from 100-yr (	(miles) <mark>0</mark>	Low water crossings remo	oved from 100-yr 0				
Other benefits None		Reduction in # of road clo	osures over 10 years 0				
Impacts							
Negative impacts?	No Negative impacts description	on <mark>N/A</mark>					
Water supply contributions?	Water supply contribution	description -					
Estimated Cost							
Strategy Cost \$100,0	000 Amount of avai	lable funding <mark>\$-</mark>					
6	Nazareth		Amarillo	oma Oklahoma C Wichita Falls O Dalla			

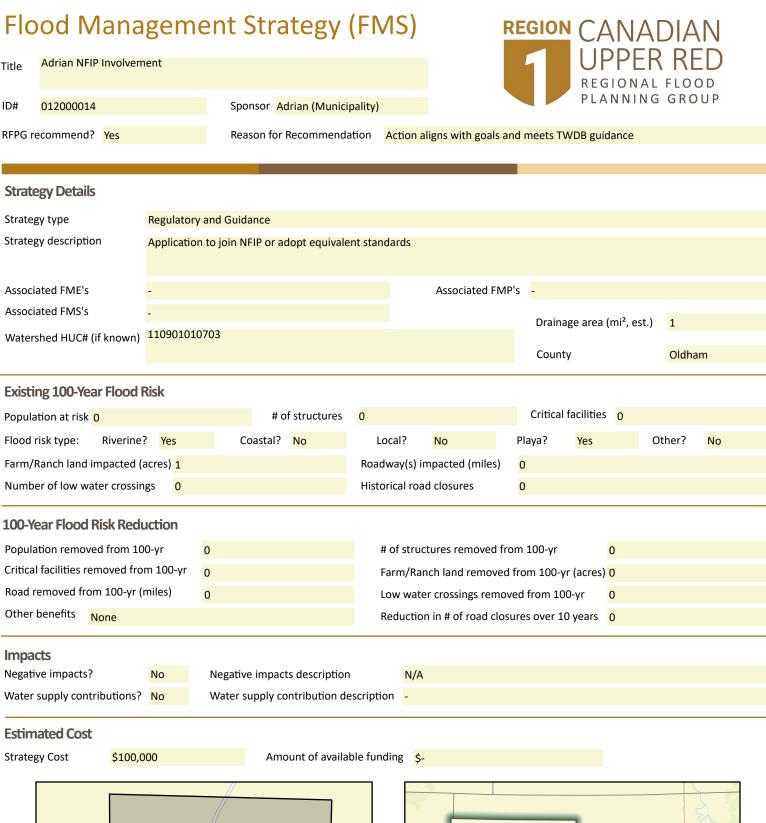
Regional view of FMS area

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Regional view of FMS area

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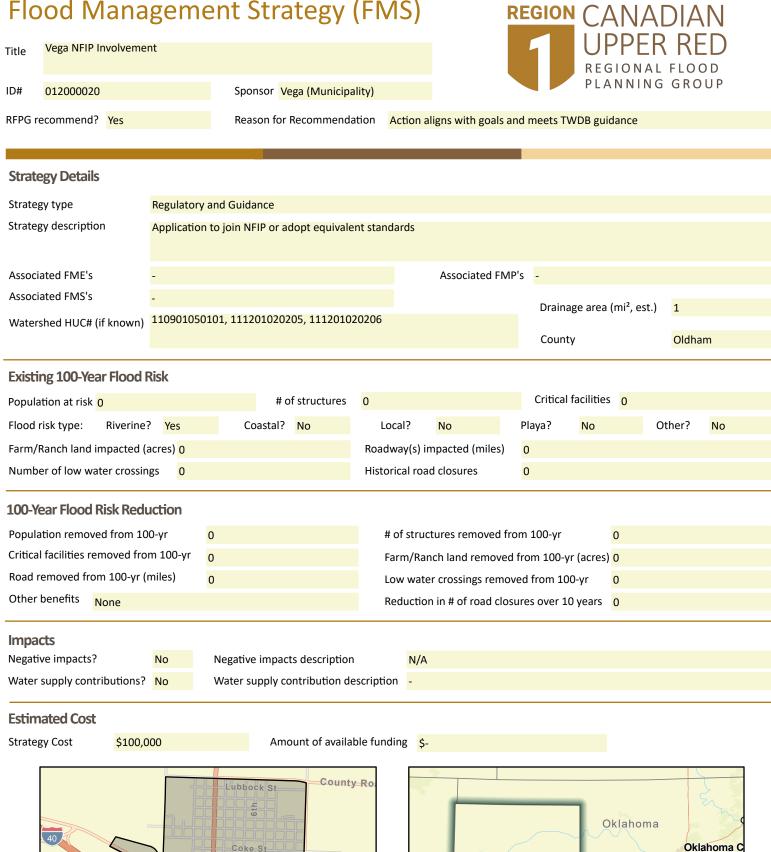
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FMS area

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Culberson St

Regional view of FMS area

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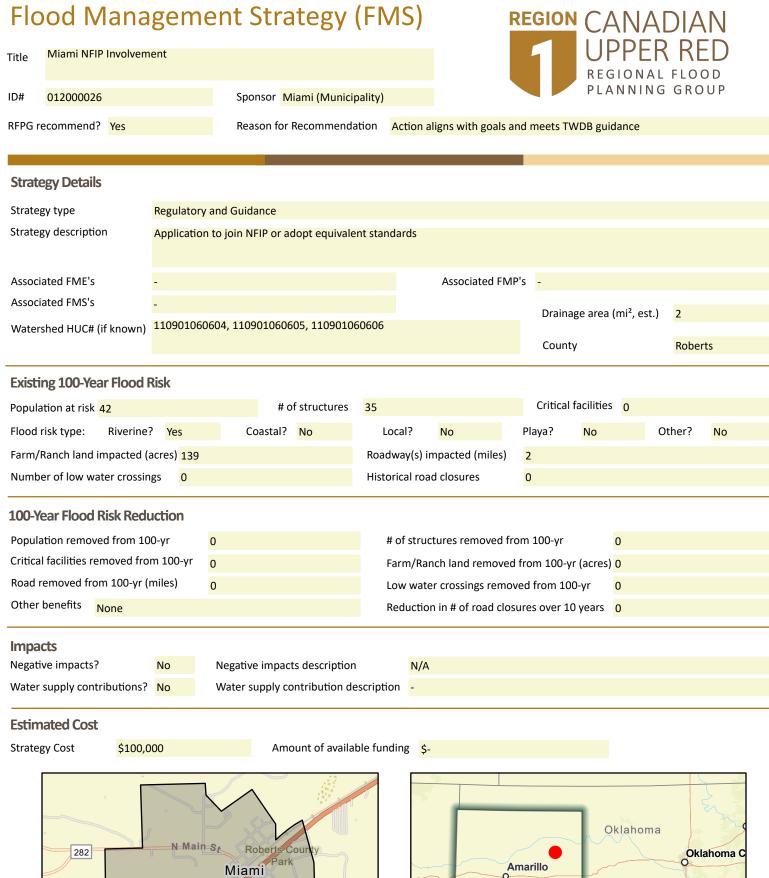
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Flo	od Mana	geme	ent Str	ategy	(FMS	5)	REGIO			
Title	Estelline NFIP Involve	ment						UPPE REGION		
ID#	012000010		Sponsor	Estelline (Muni	cipality)			PLANNI		
RFPG r	ecommend? Yes		Reason fo	or Recommenda	ation <mark>Act</mark>	ion aligns with goals	and meets	TWDB guidance		
								-		
Strat	egy Details									
	gy type	Regulatory a	nd Guidance							
	gy description			adopt equivale	ent standard	ls				
			,							
Assoc	iated FME's	-				Associated FI	MP's -			
Assoc	iated FMS's	-					Drai	nage area (mi², es	st.) 1	
Water	shed HUC# (if known)	1112010503	01							
							Cou	nty	Hall	
Exist	ing 100-Year Flood F	Risk								
Popula	ation at risk <mark>0</mark>		#	f of structures	0		Critica	al facilities <mark>0</mark>		
Flood	risk type: Riverine?	? Yes	Coastal	? No	Local	? No	Playa?	No	Other?	No
Farm/	Ranch land impacted (a	acres) <mark>0</mark>			Roadway	(s) impacted (miles)	) 0			
Numb	er of low water crossin	gs <mark>0</mark>			Historica	l road closures	0			
100-Y	ear Flood Risk Redu	uction								
Popul	ation removed from 10	0-yr 0	)		# of	structures removed	from 100-yr	0		
Critica	I facilities removed from	m 100-yr 🛛 🛛	)		Farm	N/Ranch land remove	ed from 100	-yr (acres) <mark>0</mark>		
Road	removed from 100-yr (i	miles) <mark>0</mark>	)		Low	water crossings rem	noved from 1	.00-yr 0		
Other	benefits <mark>None</mark>				Redu	iction in # of road cl	osures over	10 years <mark>0</mark>		
Impa	icts									
-	ive impacts?	No	Negative impa	acts description	ı	N/A				
Water	supply contributions?	No	Water supply	contribution de	escription	-				
Ectio	nated Cost									
	gy Cost \$100,0	00	A	mount of availa	hle funding	ć_				
Juare		00				Ş-				
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Flc	ood Mana	geme	ent S	trategy	(FMS	S)	REGIO		ADIA	١N
Title	Skellytown NFIP Invol	lvement						UPPE REGION		
ID#	012000027		Spons	sor <mark>Skellytown (Mu</mark>	inicipality)			PLANNI		
RFPG r	ecommend? Yes		Reaso	on for Recommenda	ation Act	tion aligns with goals	and meets T	WDB guidance		
Strat	egy Details									
Strate	gy type	Regulatory a	ind Guidar	nce						
Strate	gy description	Application t	to join NFI	P or adopt equivale	nt standar	ds				
Assoc	iated FME's	-				Associated FI	MP's -			
Assoc	iated FMS's	-					Drain	age area (mi <sup>2</sup> , es	st.) <mark>0</mark>	
Water	shed HUC# (if known)	1109010603	02, 11090	1060307			Cours	+. <i>.</i>	Carro	
							Coun	ιty	Carso	חנ
Existi	ing 100-Year Flood I	Risk								
Popula	ation at risk <mark>0</mark>			# of structures	0		Critica	l facilities <mark>0</mark>		
Flood	risk type: Riverine	? No	Coa	astal? <mark>No</mark>	Local	? No	Playa?	No	Other?	No
Farm/Ranch land impacted (acres) 0					Roadwa	y(s) impacted (miles)	0			
Numb	er of low water crossin	igs <mark>O</mark>			Historica	al road closures	0			
100-Y	ear Flood Risk Redu	uction								
Popula	ation removed from 10	0-yr C	)		# of	structures removed	from 100-yr	0		
Critica	I facilities removed fro				Farn	n/Ranch land remove	ed from 100-	yr (acres) <mark>0</mark>		
Road	removed from 100-yr (I	miles) <mark>(</mark>	)		Low	water crossings rem	oved from 10	00-yr 0		
Other	benefits <mark>None</mark>				Red	uction in # of road cl	osures over 1	LO years <mark>O</mark>		
Impa	icts									
-	ive impacts?	No	Negative	impacts description		N/A				
Water	supply contributions?	No	Water sup	oply contribution de	escription	-				
	nated Cost	000		Amount of availa	blo fundin					
Strate	gy Cost <mark>\$100,0</mark>	100		AMOUNT OF AVAILA		3 <b>&gt;</b> -				
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Regional view of FMS area

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Flood Managem	ent Strategy	(FMS)	REGION CAN	JADIAN
Title McLean NFIP Involvement			UPP	Per Red
10# 042000024	Comment Mail and (Main)	tational tech	REGIO	NAL FLOOD NING GROUP
ID# 012000021	Sponsor McLean (Muni	icipality)		
RFPG recommend? Yes	Reason for Recommend	lation Action aligns with go	als and meets TWDB guidanc	ce
Strategy Details				
Strategy type Regulatory	and Guidance			
Strategy description Application	n to join NFIP or adopt equival	ent standards		
Associated FME's -		Associated	I FMP's <mark>-</mark>	
Associated FMS's -			Drainage area (mi²,	, est.) <mark>1</mark>
Watershed HUC# (if known) 11120301	0208, 111203040102			
			County	Gray
Existing 100-Year Flood Risk				
Population at risk 49	# of structures	24	Critical facilities 1	
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres) 2		Roadway(s) impacted (mil	es) <mark>2</mark>	
Number of low water crossings 0		Historical road closures	0	
100-Year Flood Risk Reduction				
Population removed from 100-yr	0	# of structures remove	ed from 100-yr 0	
Critical facilities removed from 100-yr	0	Farm/Ranch land rem	oved from 100-yr (acres) 0	
Road removed from 100-yr (miles)	0	Low water crossings re	emoved from 100-yr 0	
Other benefits None		Reduction in # of road	l closures over 10 years 0	
Importo				
Impacts Negative impacts? No	Negative impacts description	n N/A		
Water supply contributions? No	Water supply contribution d			
Estimated Cost				
Strategy Cost \$100,000	Amount of availa	able funding <mark>\$-</mark>		
Road Z Business 40 Business 40 Mc	Lean		Amarillo Oklah	homa Oklahoma C Wichita Falls
70			Lubbock	man

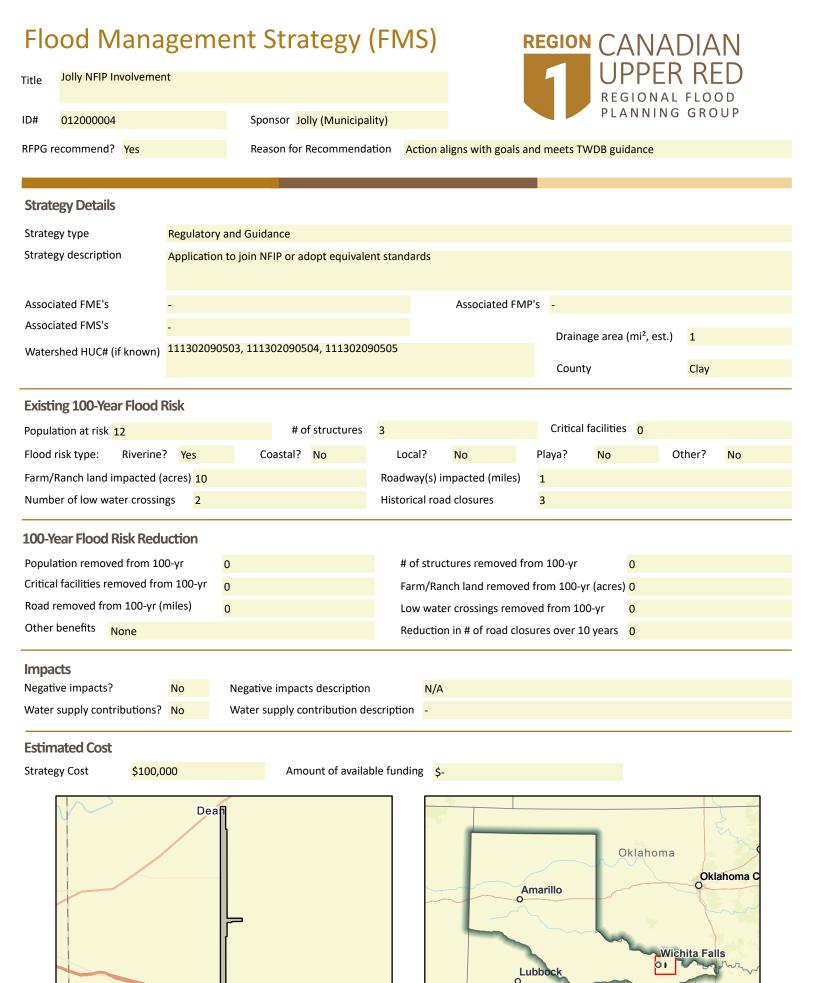
FMS area

Regional view of FMS area

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Flc	od Mana	geme	ent S	Strategy	(FMS	5)	R	EGION	CAN	A	DIA	٨N	
Title	Chillicothe NFIP Invol	vement						1	UPP				
ID#	012000019		Spo	nsor Chillicothe (Mu	inicipality)				REGIOI PLANN				
REPG r	ecommend? Yes			son for Recommenda		ion aligns with goals		d meets TI		2			
MITUI			Nea	son for Recommende		ion anglis with goals	5 011			:			
Strate	egy Details												
Strate	gy type	Regulatory a	nd Guid	ance									
Strate	gy description	Application t	to join N	FIP or adopt equivale	nt standar	ds							
Associ	ated FME's	-				Associated FI	MP'	s -					
Associ	iated FMS's	-						Draina	age area (mi²,	oct )	1		
Water	shed HUC# (if known)	1113010104	04					Dialita	ige area (iiii ,	est.j	1		
								Count	ý		Hard	eman	
Evicti	ng 100 Voor Flood I	Dick											
	ng 100-Year Flood I	<b>NISK</b>		# of obvices	0			Critical	facilities 0				
	ation at risk <mark>0</mark>			# of structures	0	-					-		
	risk type: Riverine		C	oastal? <mark>No</mark>	Local			Playa?	No	Oti	her?	No	
	Ranch land impacted (a					v(s) impacted (miles)	)	0					
Numb	er of low water crossin	igs <mark>O</mark>			Historica	I road closures		0					
100-Y	ear Flood Risk Redu	uction											
Popula	ation removed from 10	0-yr C	)		# of	structures removed	fro	m 100-yr	0				
Critica	l facilities removed fro	m 100-yr 🛛 🕻	)		Farm	n/Ranch land remov	ed f	from 100-y	r (acres) <mark>0</mark>				
Road ı	removed from 100-yr (i	miles) <mark>(</mark>	)		Low	water crossings rem	nove	ed from 10	0-yr <mark>0</mark>				
Other	benefits <mark>None</mark>				Redu	uction in # of road cl	losu	res over 10	0 years 0				
	-t-												
Impa Negati	ive impacts?	No	Negative	e impacts description	1	N/A							
	supply contributions?		-	upply contribution de		-							
Estim	nated Cost												
Strate	gy Cost <mark>\$100,0</mark>	000		Amount of availa	ble funding	\$-							
		4	~								l		
	N N												
	1 i			Morrison Rd					Oklah	oma		~~~~	
	5	Chillicot	he	Morriss							Ok	lahoma C	
		S-3rd-St		3			An	narillo		~~~~	0		
	7	Ville St	s 5th S	CR-108-W	-						X	man	
		Aven	S-5tr								7	Rus L	
		F								Wich	ita Fa	IIs	
	E	de l		B		c	Lub	obock					
	Emerson-F			Boone						N-	/	Dalla	
	n-F				2.d				-	Z	-4	Dalla	

FMS area



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FMS area

Regional view of FMS area

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Flood Management Strategy (FMS)								ADI/	١N
Title	Cashion NFIP Involve	ment						ER R	
ID#	012000015		Sponsor Cashion	Commu	inity			NAL FLO ING GRO	
RFPG r	ecommend? Yes		Reason for Recommend	ation <mark>Acti</mark>	on aligns with goals a	and meets	TWDB guidance	ý	
Strate	egy Details								
	gy type	Regulatory a	nd Guidance						
	gy description		to join NFIP or adopt equivale	ent standard	ς				
	<b>0</b> ,	, pproduor c							
Associ	ated FME's	-			Associated FM	P's -			
Associ	iated FMS's	-				Ducia	(:2	ant ) 2	
Water	shed HUC# (if known)	1113010203	04, 111302060501			Drair	nage area (mi²,	est.) <mark>2</mark>	
						Cour	nty	Wich	nita
Existi	ng 100-Year Flood I	Risk							
	ation at risk 0		# of structures	0		Critica	al facilities 0		
Flood	risk type: Riverine	? Yes	Coastal? No	Local	No	Playa?	No	Other?	No
Farm/	Ranch land impacted (a	acres) <mark>6</mark>		Roadway	(s) impacted (miles)	0			
Numb	er of low water crossin	igs <mark>O</mark>		Historical	road closures	0			
100 V	an Flood Dials Dad	. et a a							
	ear Flood Risk Redu			H of a			0		
	ation removed from 10 I facilities removed fro				tructures removed fr				
	removed from 100-yr (i				/Ranch land removed water crossings remo				
	benefits None		,		ction in # of road clos				
Impa									
	ive impacts?		Negative impacts description Water supply contribution d		N/A				
water	supply contributions?	NO	water supply contribution of	escription	-				
Estim	nated Cost								
Strate	gy Cost \$100,0	000	Amount of availa	ble funding	\$-				
	Id Rd	Cashion Communit	- Cashion Ru			ubbock	Oklah		dahoma C

FMS area

Flo	ood Mana	igeme	nt Strate	egy (Fl	MS)		REGIO			
Title	Mobeetie NFIP Involv	vement						UPPE		
ID#	012000005		Sponsor Mobee	tio (Municipa	lity)			REGION PLANNI		
RFPG	recommend? <mark>Yes</mark>		Reason for Reco	mmendation	Action alig	ns with goals	and meets	WDB guidance		
Strat	egy Details									
Strate	egy type	Regulatory a	nd Guidance							
Strate	egy description	Application t	o join NFIP or adopt	equivalent sta	andards					
	iated FME's	-	Associ			Associated FM	/IP's <mark>-</mark>			
	iated FMS's	-	03, 111203020204				Drair	nage area (mi², es	st.) <mark>1</mark>	
Wate	rshed HUC# (if known)	11120502020	05, 111205020204				Cour	nty	Whee	eler
	ing 100-Year Flood	Risk					Critica			
	ation at risk <mark>0</mark>	2 4	# of stru					I facilities 0	011 0	
	risk type: Riverine		Coastal? No				Playa?	No	Other?	No
	Ranch land impacted ( per of low water crossir				torical road o	acted (miles)	0 0			
	Ser of low water crossin	183 0		1113		.1050125	U			
100-\	ear Flood Risk Red	uction								
Popul	ation removed from 10	00-yr 0	l i i i i i i i i i i i i i i i i i i i		# of structu	res removed f	from 100-yr	0		
	al facilities removed fro		l i i i i i i i i i i i i i i i i i i i		Farm/Ranch	n land remove	d from 100-	yr (acres) <mark>0</mark>		
	removed from 100-yr (	miles) 0	1			crossings remo				
Other	benefits <mark>None</mark>				Reduction i	n # of road clo	osures over :	10 years <mark>0</mark>		
Impa	acts									
Negat	ive impacts?	No	Negative impacts de	scription	N/A					
Wate	supply contributions?	No	Water supply contrib	oution descrip	tion <mark>-</mark>					
Estin	nated Cost									
Strate	egy Cost \$100,0	000	Amount	of available fu	ınding <mark>\$-</mark>					
		New M	lobeetie		22			_		EN EN
	County	Road F						Oklahor	ma	The second
	d 4	-							Ok	lahoma C
	y Roa		9			0	Amarillo			
	County Road	48	/-Road					×	5	- m
	Fort-Elliot		County						Wichita Fa	lls
		Mobeetie	e			L	Lubbock	0		ann
		74		inhwa				5		Dalla
	1		005	Wa					Sad	Dalla

FMS area

#### $(\Gamma \Lambda \Lambda C)$ Г A Л

FIO	ou mana	geme	int Strategy		5)	REGIO	N CANA	ADIA	AN
Title	Dodson NFIP Involver	ment					UPPE	R RI	ED
							REGION		
ID#	012000016		Sponsor Dodson (Munic	ipality)			PLANNII	NG GRO	JUP
RFPG re	commend? Yes		Reason for Recommenda	ation <mark>Ac</mark>	tion aligns with goals	and meets T	TWDB guidance		
Strate	gy Details								
Strateg		Regulatory a	nd Guidance						
	y description		o join NFIP or adopt equivale	nt standa	rds				
-									
Associa	ited FME's	-			Associated FN	MP's -			
Associa	ated FMS's	-				<b>.</b> .	(		
Waters	hed HUC# (if known)	1113010103	01, 111301010303			Drain	nage area (mi², es	t.) <mark>1</mark>	
						Cour	nty	Collin	ngsworth
Fxistir	ng 100-Year Flood F	Rick							
	tion at risk 16	NON	# of structures	10		Critica	al facilities 0		
	isk type: Riverine	Yes	Coastal? No	Loca	al? No	Playa?	No	Other?	No
	anch land impacted (a				ay(s) impacted (miles)		110	othert	110
	r of low water crossin				al road closures	0			
		-							
100-Ye	ear Flood Risk Redu	uction							
	tion removed from 10		)	# o	f structures removed	from 100-yr	0		
	facilities removed from				m/Ranch land remove				
	emoved from 100-yr (i	miles) C	)		v water crossings rem				
Other t	None None			Red	duction in # of road clo	osures over 2	10 years <mark>0</mark>		
Impac	ts								
Negativ	e impacts?	No	Negative impacts description		N/A				
Water s	supply contributions?	No	Water supply contribution de	escription	-				
Estima	ated Cost								
Strateg		00	Amount of availa	ble fundir	ig Ś-				
J L									
=	Dodson AVE-ppn W-1st-St		E MainSt	3		Amarillo	Oklahor	1	lahoma C

FMS area

Sponsor

City of Canyon Create Floodplain Ordinances

Title

ID#

012000001



RFPG recommend? No	Reason for Recommenda	lation Already have ordinance, CRS FMS makes project redudant as well						
Strategy Details								
Strategy type Regulatory	and Guidance							
Strategy description Establish dr	ainage criteria							
Associated FME's -		Associated FN	MP's -					
Associated FMS's -			Drainage area (mi <sup>2</sup> , est	t.) 7				
Watershed HUC# (if known) 111201010	609, 111201020303, 11120102	20304, 111201030101						
			County	Randall				
Existing 100-Year Flood Risk								
Population at risk 1,265 # of structures 206 Critical facilities 0								
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? Yes	Other? No				
Farm/Ranch land impacted (acres) 150		Roadway(s) impacted (miles)	15					
Number of low water crossings 7		Historical road closures	7					
100-Year Flood Risk Reduction								
	•	11 - <b>f</b> - han a han a sa a sa a sa a sa a sa a sa	(					
	0	# of structures removed						
	0	Farm/Ranch land remove						
Other benefits None	0	Reduction in # of road clo						
			, -					
Impacts								
Negative impacts? No	Negative impacts description							
Water supply contributions? No	Water supply contribution de	escription -						
Estimated Cost								
Strategy Cost \$100,000	Amount of availal	ble funding <mark>\$-</mark>						
			Oklahon					
	â			Oklahoma C				
	Hunsley Rd 3331		Amarillo	Okianonia C				
	Ly -			front				
V-US≂60 Canyon				- Harri				
		5	Lubbock	Wichita Falls				
		Color Color						
+ I		vasnington st	No No	Dalla				

FMS area

Flo	ood Mana	igeme	nt Strategy	(FMS	<b>)</b>	REGIO		NADIA	
Title	City of Canyon Establ	lish Stormwate	er Utility Fee				UP	PER R	ED
ID#	012000054		Sponsor				REGI	ONAL FLO	O D O U P
RFPG	recommend? Yes		Reason for Recommend	lation Acti	on aligns with goals	and meets	TWDB guida	ance	
						und meets	TWDD Suida		
Strat	egy Details								
Strate	egy type	Regulatory a	nd Guidance						
Strate	gy description		rmwater utility rate evaluat projects and storm sewer material sections and storm sever material sections and store and sections and section and sections and sections are associated as the section and sections are associated as the section and sections are as the section as the section are as the		ement a stormwat	er utility fe	e to create	a dedicated fur	nding source for
Assoc	iated FME's	-			Associated FN	MP's -			
Assoc	iated FMS's	-				Drai	nago aroa (m	$r^{2}$ oct ) 7	
Wate	rshed HUC# (if known)	1112010106	09, 111201020303, 1112010	111201020303, 111201020304, 111201030101			nage area (n	ni <sup>2</sup> , est.) 7	
						Cou	nty	Rand	Jall
Exist	ing 100-Year Flood	Risk							
	ation at risk 1,265		# of structures	206		Critic	al facilities	0	
	risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa?	Yes	Other?	No
	/Ranch land impacted (				(s) impacted (miles)				
	er of low water crossir				road closures	7			
100-\	ear Flood Risk Red	uction							
	ation removed from 10			# of s	tructures removed	from 100-yr	- <mark>0</mark>	)	
	al facilities removed fro			Farm,	Ranch land remove	ed from 100	-yr (acres) <mark>0</mark>	1	
	removed from 100-yr (	miles) C	)		vater crossings rem				
Other	benefits <mark>None</mark>			Redu	ction in # of road clo	osures over	10 years 0		
Impa	icts								
-	ive impacts?	No	Negative impacts descriptio	n r	N/A				
Water	supply contributions?	No	Water supply contribution c	lescription -					
Ectin	nated Cost								
	gy Cost \$200,0	000	Amount of avail	able funding	\$-				
					Ŷ				
	V=US=60 Can	yon	Hunsley Rd 3331	Nashington St		Amarillo		lahoma Ol Wichita Fa	klahoma C alls of Market

FMS area

Flo	ood Mana	igemen	t Strategy	(FMS)	E	REGION C	:AN/	ADIA	N N
Title	City of Canyon Acqui	re, Buyout, and F	lood-Proofing Program				JPPE	AL FLO	ED
						RI	EGION	AL FLO NG GRC	
ID#	012000055		Sponsor						01
RFPG r	recommend? Yes		Reason for Recommenda	ation <mark>Action</mark>	aligns with goals a	<mark>nd meets TWDB ខ្</mark>	guidance		
Strat	egy Details								
Strate	egy type	Property Acquis	ition and Structural Elevat	tion					
Strate	gy description	Develop a progr	am to identify and either	acquire (buy o	out/relocate) or elev	vate structures in	the flood	olain	
Assoc	iated FME's	-			Associated FMI	P's -			
Assoc	iated FMS's	-				Drainage ar	ea (mi², es	st.) <mark>7</mark>	
Water	rshed HUC# (if known)	111201010609,	111201020303, 1112010	20304, 11120:	1030101	County		Rand	all
						county		Ranu	111
Exist	ing 100-Year Flood I	Risk							
Popula	ation at risk <mark>1,265</mark>		# of structures	206		Critical facilit	ies <mark>0</mark>		
Flood	risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa? Yes		Other?	No
	Ranch land impacted (			Roadway(s)	impacted (miles)	15			
Numb	per of low water crossin	ngs <mark>7</mark>		Historical ro	oad closures	7			
100-Y	/ear Flood Risk Redu	uction							
Popul	ation removed from 10	)0-yr 72		# of str	uctures removed fro	om 100-yr	24		
Critica	al facilities removed fro	om 100-yr 0		Farm/R	anch land removed	l from 100-yr (acr	es) <mark>0</mark>		
	removed from 100-yr (	miles) 0		Low wa	ter crossings remov	ved from 100-yr	0		
Other	benefits <mark>None</mark>			Reducti	ion in # of road clos	sures over 10 year	s <mark>0</mark>		
Impa	octs								
-	ive impacts?	No Ne	gative impacts description	N/	Ά				
Water	supply contributions?	No Wa	ter supply contribution de	escription -					
	ested Cast								
	nated Cost	000	Amount of availa	blo funding	¢.				
Strate	gy Cost <mark>\$6,000</mark>	J,000	AIIIOUIIL OI avalla		Ş-				
	V=US=60 Can		Hunsley Rd 3331	Washington St	Ċ	ubbock	Oklahor		lahoma C

FMS area

City of Canyon Flood Warning Gages

Title

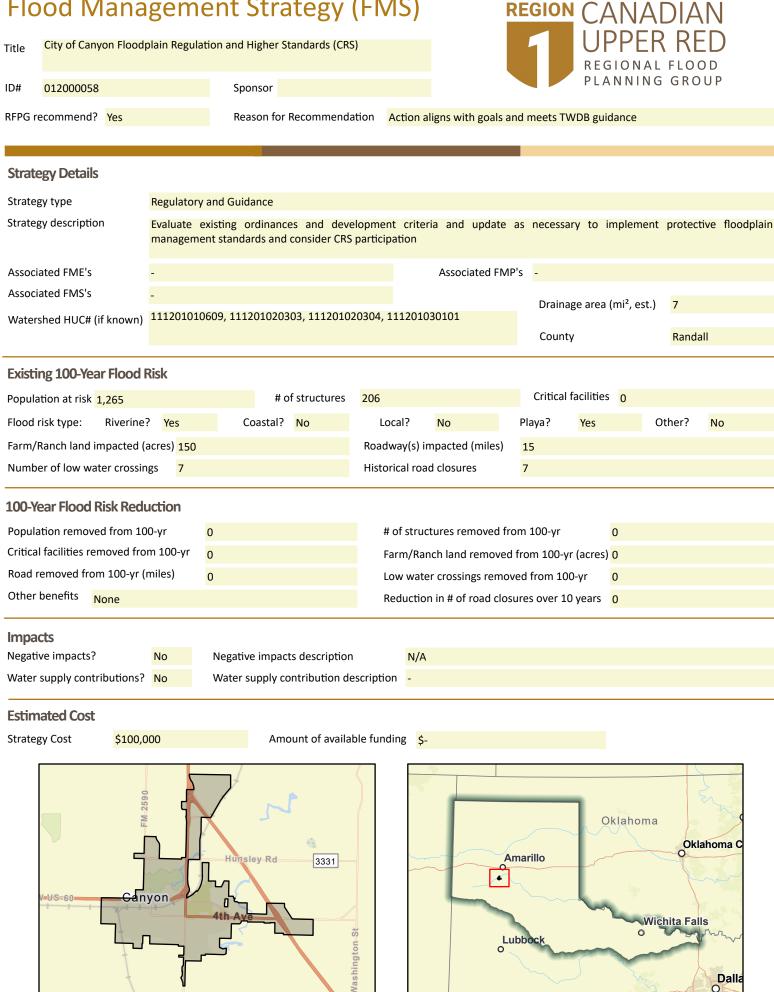


ID# 012000056	Sponso	or						
RFPG recommend? Yes	Reasor	n for Recommenda	tion <mark>Actio</mark>	n aligns with goals	and meets T	WDB guidance		
Strategy Details								
Strategy type Flo	ood Measurement an	d Warning						
Strategy description Ins	stall flood warning ga	ges to protect Cany	yon citizens a	ind downstream co	mmunities			
Associated FME's -				Associated FN	1P's -			
Associated FMS's -					Drain	age area (mi <sup>2</sup> , es	st.) 7	
Watershed HUC# (if known) <sup>11</sup>	1201010609, 111201	020303, 11120102	20304, 11120	1030101				
					Coun	ty	Randa	all
Existing 100-Year Flood Ris	k							
Population at risk 1,265		# of structures	206		Critica	l facilities <mark>0</mark>		
Flood risk type: Riverine?	Yes Coas	tal? No	Local?	No	Playa?	Yes	Other?	No
Farm/Ranch land impacted (acre	es) <mark>150</mark>		Roadway(s	) impacted (miles)	15			
Number of low water crossings	7		Historical r	oad closures	7			
100-Year Flood Risk Reduct	ion							
Population removed from 100-y	rr <mark>O</mark>		# of st	ructures removed f	rom 100-yr	0		
Critical facilities removed from 1	LOO-yr <mark>0</mark>		Farm/Ranch land removed from 100-yr (acres) 0					
Road removed from 100-yr (mile	es) <mark>0</mark>		Low w	ater crossings remo	oved from 10	00-yr <mark>0</mark>		
Other benefits None			Reduct	tion in # of road clo	sures over 1	0 years 0		
Impacts								
Negative impacts?	o Negative in	npacts description	N	/A				
Water supply contributions? N	o Water supp	oly contribution de	scription -					
Estimated Cost								
Strategy Cost \$250,000		Amount of availab	ole funding	\$-				
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		9					Oki	ahoma C
	Hunsley	Rd 3331			Amarillo			
v-⊌s=60 Canyo						× 1		- and
	4th Ave						Wichita Fal	Is
			10-110	L	ubbock	0		phone
Ť						5		Della
	V	and the second	W.d.		$\sim$		Sad	Dalla

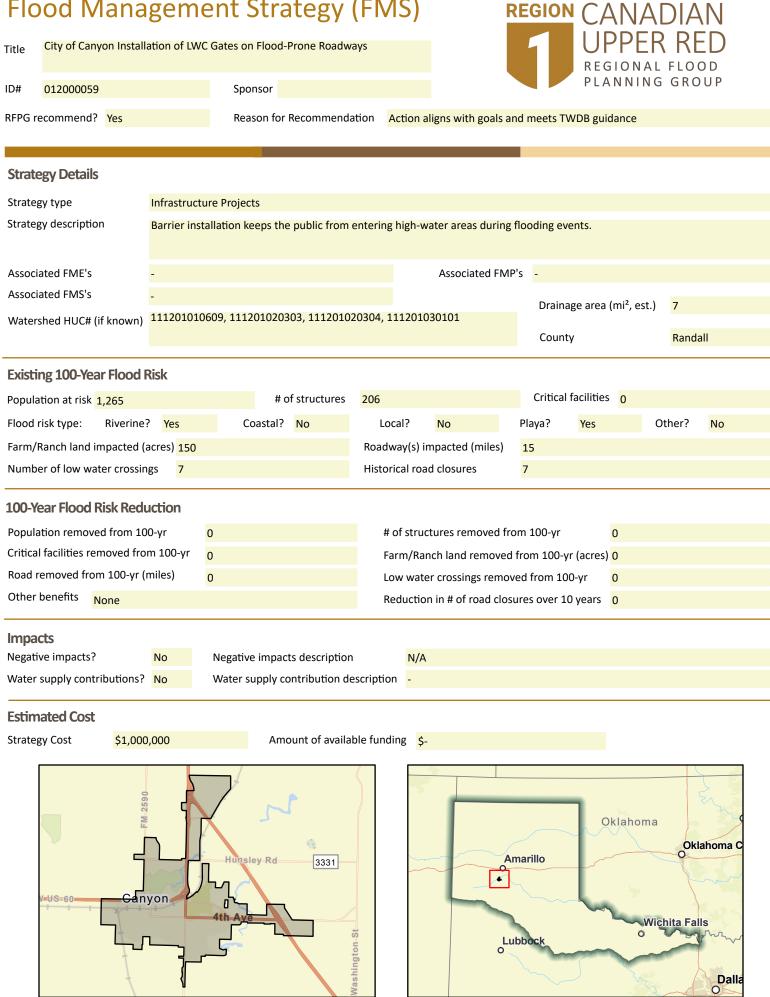
FMS area

Flo	ood Mana	geme	nt Strategy	(FMS	)	REGIO	CAN		
Title	City of Canyon Stream	n and Culvert I	Maintenance					ER R	
ID#	012000057		Sponsor					NAL FLO	
RFPG	recommend? Yes		Reason for Recommend	lation <mark>Actio</mark>	n aligns with goals	and meets T	WDB guidance		
Strat	egy Details								
Strate	egy type	Other							
Strate	egy description	Perform strea	am and culvert maintenance	2					
Assoc	iated FME's	-			Associated FN	1P's <mark>-</mark>			
Assoc	iated FMS's	-				Drain	age area (mi²,	est.) 7	
Wate	rshed HUC# (if known)	11120101060	9, 111201020303, 1112010	020304, 11120	01030101				
						Coun	ty	Rand	lall
Exist	ing 100-Year Flood I	Risk							
Popul	ation at risk 1,265		# of structures	206		Critical	facilities 0		
Flood	risk type: Riverine	Yes	Coastal? No	Local?	No	Playa?	Yes	Other?	No
Farm	Ranch land impacted (	acres) <mark>150</mark>		Roadway(s	s) impacted (miles)	15			
Numb	per of low water crossin	gs <mark>7</mark>		Historical	road closures	7			
100-	lear Flood Risk Redu	uction							
Popul	ation removed from 10	0-yr 0		# of st	ructures removed f	rom 100-yr	0		
Critica	al facilities removed fro			Farm/	Ranch land remove	d from 100-y	yr (acres) <mark>0</mark>		
Road	removed from 100-yr (	miles) 0		Low w	ater crossings remo	oved from 10	00-yr 0		
Other	benefits <mark>None</mark>			Reduc	tion in # of road clo	osures over 1	.0 years 0		
Impa	octs								
-	tive impacts?	No	Negative impacts descriptio	n N	I/A				
Wate	r supply contributions?	No	Water supply contribution d						
	nated Cost egy Cost \$100,0	00	Amount of availa	able funding	¢				
Strate	egy Cost <mark>\$100,0</mark>	00	Amount of availa	able funding	<u></u> ې-				
	V-US=60 Can		Hunsley Rd 3331	Washington St	•	Amarillo	Oklah	1	clahoma C

FMS area

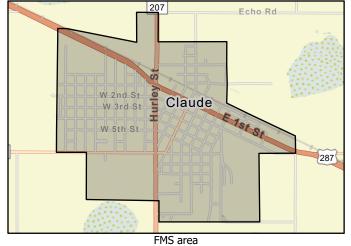


FMS area

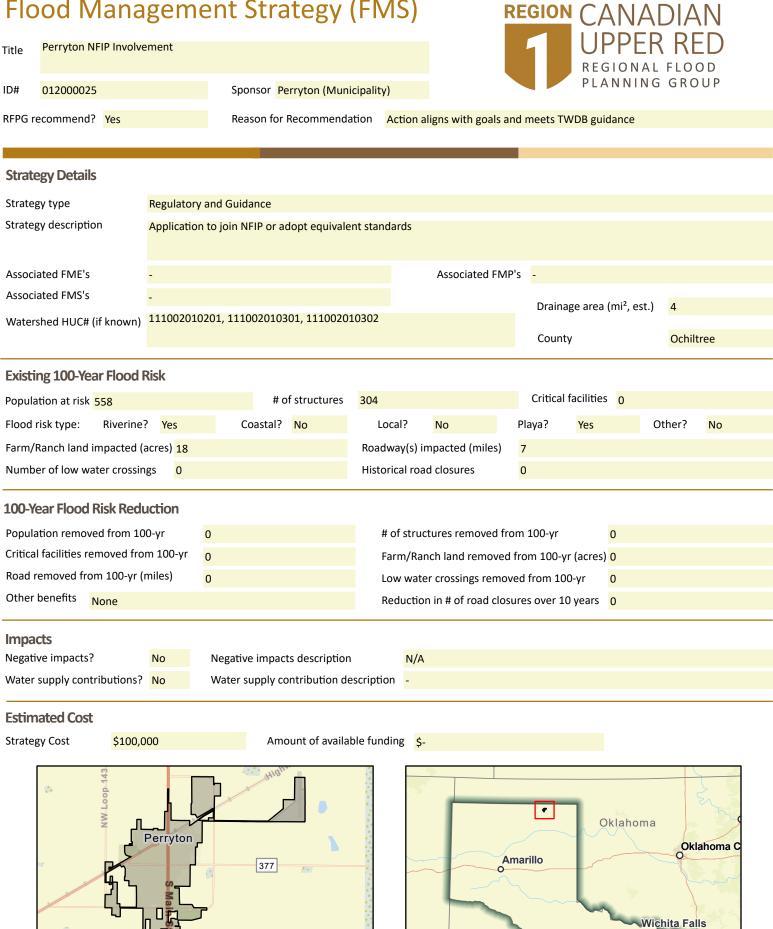


FMS area

Flood Mana	agemei	nt Strategy	(FMS)	R	REGION	CAN	ADIA	١N
Title Claude NFIP Involve	nent				1	UPPE REGION	ER RE	ED
ID# 012000028		Sponsor Claude (Mun	icipality)			PLANNI	NG GRO	U P
RFPG recommend? Yes		Reason for Recommen	dation Action a	ligns with goals ar	nd meets TV	/DB guidance		
Strategy Details								
Strategy type	Regulatory and	d Guidance						
Strategy description	Application to	join NFIP or adopt equiva	alent standards					
Associated FME's	-			Associated FMP	9's -			
Associated FMS's	-				Draina	ge area (mi², es	st.) <mark>2</mark>	
Watershed HUC# (if known)	111201030504	4, 111201030505			County		Arms	trong
Existing 100-Year Flood	Risk							
Population at risk 0		# of structure	s O		Critical f	acilities <mark>0</mark>		
Flood risk type: Riverine	e? Yes	Coastal? <mark>No</mark>	Local?	No	Playa?	Yes	Other?	No
Farm/Ranch land impacted	(acres) <mark>0</mark>		Roadway(s) ir	mpacted (miles)	0			
Number of low water crossi	ngs <mark>0</mark>		Historical roa	d closures	0			
100-Year Flood Risk Red	uction							
Population removed from 1	00-yr 0		# of struc	ctures removed fro	om 100-yr	0		
Critical facilities removed from	om 100-yr 0		Farm/Rar	nch land removed	from 100-yr	(acres) <mark>0</mark>		
Road removed from 100-yr	(miles) 0		Low wate	er crossings remov	ed from 100	)-yr <mark>0</mark>		
Other benefits None			Reductio	n in # of road clos	ures over 10	years <mark>0</mark>		
Impacts								
Negative impacts?	No N	legative impacts description	on <mark>N/A</mark>					
Water supply contributions?	' <mark>No</mark> W	Vater supply contribution	description -					
Estimated Cost								
Strategy Cost \$100,	000	Amount of avai	lable funding <mark>\$-</mark>					
	207 2nd St 3rd St	Echo.Rd		Ar	marillo	Oklaho		lahoma C







FMS area

Regional view of FMS area

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# Appendix D-3 | D-3.1

**Table 12** – Potential Flood Management EvaluationsIdentified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	facilities at	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000001	Borger City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Hutchinson	11090106	110901060106, 110901060107, 110901060109, 110901060204	Middle Canadian-Spring	Watershed Planning	8.6	Riverine	Borger	Hutchinson, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Borger	No	\$250,000	None	147	0	554	2	0	0	5.0	12.6	None	None
011000002	Clay County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Clay	11130102, 11130201, 11130206, 11130209	-	Blue-China, Farmers-Mud, Wichita, Wichita	Watershed Planning	985.0	Riverine	Clay	Montague, Clay, Wichita, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Henrietta, Petrolia, Bellevue, Byers, Dean, Windthorst, Scotland, Jolly	No	\$1,169,000	None	128	0	315	0	64	122	63.9	94,917.6	2021	2012
011000003	Foard County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Foard	11130105, 11130204, 11130207	-	Pease, North Wichita, Southern Beaver	Watershed Planning	703.1	Riverine and Playa	Foard	Foard, Cottle, Wilbarger, Hardeman, Knox, King, Baylor, Nortex Regional Planning Commission, South Plains Association of Governments, West Central Texas Council of Governments, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Crowell		\$749,000	None	23	3	14	0	4	5	35.8	58,148.1	1982	1982
011000004	Cottle County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Cottle	11130101, 11130103, 11130104, 11130105, 11130204	-	Groesbeck-Sandy, North Pease, Middle Pease, Pease, North Wichita	Watershed Planning	899.7	Riverine and Playa	Cottle	Foard, Cottle, Motley, Hardeman, King, Dickens, Childress, Hall, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Paducah	No	\$926,000	None	7	1	3	0	5	5	33.5	71,380.7	None	None
011000005	Motley County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Motley	11130103, 11130104, 11130204	-	North Pease, Middle Pease, North Wichita	Watershed Planning	988.0	Riverine and Playa	Motley	Cottle, Motley, Floyd, King, Dickens, Crosby, Hall, Briscoe, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Matador Water District, Greenbelt Municipal & Industrial Water Authority, Matador, Roaring Springs	No	\$974,000	None	114	3	156	0	6	6	22.5	80,008.1	1987	1987
011000006	Floyd County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Floyd	11130103, 11130104	-	North Pease, Middle Pease	Watershed Planning	583.9	Riverine and Playa	Floyd	Motley, Floyd, Hale, Dickens, Crosby, Briscoe, Swisher, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Lockney	No	\$1,115,000	None	35	3	22	0	10	37	76.6	26,594.5	2007	2007
011000007	Wilbarger County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Wilbarger	11130101, 11130102, 11130105, 11130206, 11130207	-	Groesbeck-Sandy, Blue-China, Pease, Wichita, Southern Beaver	Watershed Planning	975.5	Riverine	Wilbarger	Wichita, Foard, Wilbarger, Hardeman, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Electra, Vernon	No	\$983,000	None	132	29	583	2	39	45	87.6	101,721.1	2001	2001
011000008	Hardeman County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hardeman	11120105, 11130101, 11130105	-	Lower Prairie Dog Town Fork Red, Groesbeck-Sandy, Pease		695.6	Riverine and Playa	Hardeman	Foard, Cottle, Wilbarger, Hardeman, Childress, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Chillicothe, Quanah	No	\$678,000	None	43	3	157	0	6	6	54.3	59,006.8	1982	1982
011000009	Knox County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Knox	11130204, 11130205, 11130206	111302040206, 111302040302, 111302040302, 111302040303, 111302040304, 111302040306, 111302040306, 111302050206, 111302050206, 111302050206, 111302050208, 111302050208, 111302050103	North Wichita, South Wichita, Wichita	Watershed Planning	421.0	Riverine and Playa	Knox	Foard, Knox, King, Baylor, Nortex Regional Planning Commission, South Plains Association of Governments, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Knox County WCID 1	No	\$873,000	None	7	0	3	0	0	0	5.2	42,191.0	None	None
011000010	King County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	King	11130204, 11130205	111302040102, 111302040103, 111302040104, 111302040108, 111302040204, 111302040206, 111302050102, 111302050103, 111302050104, 111302050105, 111302050104, 111302050105, 111302050201, 111302050201, 111302050203, 111302050204	North Wichita, South Wichita	Watershed Planning	575.6	Riverine and Playa	King	Foard, Cottle, Motley, Knox, King, Dickens, Nortex Regional Planning Commission, South Plains Association of Governments, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Greenbelt Municipal & Industrial Water Authority	No	\$955,000	None	10	2	7	0	1	1	10.7	46,809.7	None	None
011000011	Dickens County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Dickens	11130104, 11130204, 11130205	111301040202, 111301040206, 111301040206, 111301040207, 111301040209, 111301040210, 111301040210, 111301040303, 111301040303, 111302040101, 111302040102, 111302050102, 111302050105, 111302050105	Middle Pease, North Wichita, South Wichita	Watershed Planning	330.9	Riverine and Playa	Dickens	Cottle, Motley, Floyd, King, Dickens, Crosby, Nortex Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Dickens County WCID 1	No	\$920,000	None	14	0	13	0	1	1	15.0	23,267.2	None	None
011000012	Baylor County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Baylor	11130204, 11130206, 11130207, 11130209	-	North Wichita, Wichita, Southern Beaver, Southern Beaver	Watershed Planning	506.1	Riverine and Playa	Baylor	Wichita, Foard, Wilbarger, Knox, Baylor, Archer, Nortex Regional Planning Commission, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Seymour	No	\$912,000	None	64	6	21	0	0	0	3.9	45,083.9	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk		Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000013	Carson County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Carson	11090105, 11090106, 11120103, 11120201, 11120301	-	Lake Meredith, Middle Canadian-Spring, Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Watershed Planning	925.2	Riverine and Playa	Carson	Carson, Potter, Roberts, Hutchinson, Moore, Donley, Armstrong, Randall, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, White Deer, Skellytown, Panhandle, Groom	No	\$826,000	None	87	43	270	4	10	12	35.6	43,317.9	1985	1985
011000014	Oldham County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Oldham	11080006, 11090101, 11090102, 11090105, 11120102	-	Upper Canadian-Ute Reservoir, Middle Canadian- Trujillo, Punta de Agua, Lake Meredith, Palo Duro	Watershed Planning	1502.8	Riverine and Playa	Oldham	Potter, Oldham, Moore, Hartley, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Adrian, Vega	No	\$1,447,000	None	25	0	57	1	30	30	9.4	95,133.6	None	1975
011000015	Hemphill County FIS	S Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hemphill	11090106, 11090201, 11100203, 11120302, 11130301	-	Middle Canadian-Spring, Lower Canadian-Deer, Lower Wolf, Middle North Fork Red, Washita Headwaters	Watershed Planning	914.0	Riverine and Playa	Hemphill	Hemphill, Roberts, Wheeler, Gray, Lipscomb, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Canadian	No	\$887,000	None	101	0	100	o	6	6	29.6	77,405.3	1988	1988
011000016	Roberts County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Roberts	11090106, 11120302, 11130301	-	Middle Canadian-Spring, Middle North Fork Red, Washita Headwaters	Watershed Planning	925.4	Riverine and Playa	Roberts	Carson, Hemphill, Roberts, Hutchinson, Wheeler, Gray, Lipscomb, Ochiltree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Roberts County FWSD 1, Miami	No	\$870,000	None	90	1	60	2	5	5	20.6	91,030.6	None	None
011000017	Hutchinson County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hutchinson	11090105, 11090106, 11100104, 11100202	-	Lake Meredith, Middle Canadian-Spring, Palo Duro, Palo Duro	Watershed Planning	896.9	Riverine and Playa	Hutchinson	Carson, Roberts, Hutchinson, Moore, Sherman, Ochiltree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Borger, Fritch, Sanford, Stinnett	No	\$895,000	None	428	0	925	2	10	10	29.9	70,012.0	None	1978
011000018	Moore County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Moore	11090105, 11100104	-	Lake Meredith, Palo Duro	Watershed Planning	911.5	Riverine and Playa	Moore	Carson, Potter, Oldham, Hutchinson, Moore, Hartley, Sherman, Dallam, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Cactus, Dumas, Sunray, Fritch	No	\$835,000	None	75	27	326	4	10	13	28.7	38,661.2	1986	1986
011000019	Hartley County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hartley	11090101, 11090102, 11090103, 11090104, 11090105, 11100103, 11100104	-	Middle Canadian-Trujillo, Punta de Agua, Rita Blanca, Carrizo, Lake Meredith, Coldwater, Palo Duro	Watershed Planning	1466.1	Riverine and Playa	Hartley	Oldham, Moore, Hartley, Sherman, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Channing, Dalhart	No	\$1,361,000	None	111	65	281	5	61	63	83.2	91,162.9	1991	1991
011000020	Childress County FIS	S Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Childress	11120105, 11130101, 11130103, 11130105	-	Lower Prairie Dog Town Fork Red, Groesbeck-Sandy, North Pease, North Pease	Watershed Planning	713.1	Riverine and Playa	Childress	Cottle, Hardeman, Childress, Hall, Collingsworth, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Childress	No	\$711,000	None	47	17	59	1	8	8	52.3	65,435.9	1987	1987
011000021	Hall County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hall	11120103, 11120105, 11130103	-	Upper Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red, North Pease	Watershed Planning	903.4	Riverine and Playa	Hall	Cottle, Motley, Childress, Hall, Briscoe, Collingsworth, Donley, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Lakeview, Memphis, Estelline, Turkey	No	\$892,000	None	66	11	63	5	22	22	73.8	90,608.2	1985	1985
011000022	Briscoe County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Briscoe	11120103, 11120104, 11120105, 11130103	-	Upper Prairie Dog Town Fork Red, Tule, Lower Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red	Watershed Planning	901.4	Riverine and Playa	Briscoe	Motley, Floyd, Hall, Briscoe, Swisher, Donley, Armstrong, Panhandie Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Mackenzie Municipal Warter, Authority, Greenbelt Municipal & Industrial Water Authority, Quitaque, Silverton	No	\$902,000	None	36	0	23	0	2	2	45.1	64,354.2	None	1976
011000023	Swisher County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Swisher	11120103, 11120104, 11130103	-	Upper Prairie Dog Town Fork Red, Tule, North Pease	Watershed Planning	827.5	Riverine and Playa	Swisher	Floyd, Hale, Briscoe, Swisher, Castro, Armstrong, Randall, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Mackenzie Municipal Water Authority, Tulia, Kress, Happy	No	\$929,000	None	57	21	54	0	11	15	203.7	40,120.9	1987	1987
011000024	Castro County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Castro	11120101, 11120104	111201010406, 111201010407, 111201010505, 111201040101, 111201040103, 111201040103, 111201040105, 111201040201, 111201040203, 111201040204, 111201040303, 111201040303, 111201040303, 111201040304, 111201040401, 111201040402	Tierra Blanca, Tule	Watershed Planning	447.3	Riverine and Playa	Castro	Swisher, Castro, Parmer, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Brazos River Authority, Nazareth	No	\$873,000	None	44	3	29	0	8	53	74.3	19,990.0	None	1977
011000025	Parmer County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Parmer	11120101, 11120104	111201010201, 111201010204, 111201010307, 111201010401, 111201010403, 111201010403, 111201010403, 111201010405, 111201010405, 111201010505, 11120101055, 1112010400102	Tierra Blanca, Tule	Watershed Planning	331.4	Riverine and Playa	Parmer	Castro, Parmer, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Brazos River Authority, Friona	No	\$789,000	None	86	51	178	0	5	11	65.7	13,564.5	1985	1985

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk		Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000026	Collingsworth County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Collingsworth	11120105, 11120202, 11120304, 11130101	-	Lower Prairie Dog Town Fork Red, Lower Salt Fork Red, Elm Fork Red, Elm Fork Red	Watershed Planning	919.2	Riverine	Collingsworth	Childress, Hall, Collingsworth, Donley, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Greenbelt Municipal & Industrial Water Authority, Dodson, Wellington	No	\$909,000	None	105	15	136	5	5	5	65.5	75,245.9	1989	1989
011000027	Donley County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Donley	11120103, 11120105, 11120201, 11120202, 11120301, 11120304	-	Upper Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red, Upper Salt Fork Red, Lower Salt Fork Red, Upper North Fork Red, Elm Fork Red	Watershed Planning	933.0	Riverine and Playa	Donley	Carson, Hall, Briscoe, Collingsworth, Donley, Armstrong, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Hedley, Clarendon, Howardwick	No	\$957,000	None	219	18	629	2	9	9	46.1	76,552.2	1986	1986
011000028	Armstrong County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Armstrong	11120103, 11120201, 11120301	-	Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Watershed Planning	912.0	Riverine and Playa	Armstrong	Carson, Potter, Briscoe, Swisher, Donley, Armstrong, Randall, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Claude	No	\$863,000	None	24	0	13	0	14	27	25.4	56,990.5	None	1976
011000029	Deaf Smith County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Deaf Smith	11090101, 11120101, 11120102, 11120104	-	Middle Canadian-Trujillo, Tierra Blanca, Palo Duro, Palo Duro	Watershed Planning	1497.9	Riverine and Playa	Deaf Smith	Potter, Oldham, Castro, Parmer, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Deaf Smith County FWSD 1, Hereford	No	\$1,283,000	None	120	45	388	0	18	25	76.4	54,135.3	1988	1988
011000030	Wheeler County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Wheeler	11120104 11120202, 11120301, 11120302, 11120304, 11130301	-	Lower Salt Fork Red, Upper North Fork Red, Middle North Fork Red, Elm Fork Red, Washita Headwaters	Watershed Planning	916.0	Riverine and Playa	Wheeler	Hemphill, Roberts, Collingsworth, Donley, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Greenbelt Municipal & Industrial Water Authority, Mobeetie, Shamrock, Wheeler	No	\$892,000	None	191	71	338	4	4	4	65.1	70,022.0	2007	2007
011000031	Sherman County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Sherman	11100101, 11100103, 11100104	-	Upper Beaver, Coldwater, Palo Duro	Watershed Planning	926.1	Riverine and Playa	Sherman	Hutchinson, Moore, Hartley, Sherman, Dallam, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Cactus, Stratford, Texhoma	No	\$838,000	None	21	0	32	3	9	10	56.7	44,312.8	None	None
011000032	Dallam County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Dallam	11090102, 11090103, 11090104, 11100101, 11100103, 11100104	-	Punta de Agua, Rita Blanca, Carrizo, Upper Beaver, Coldwater, Palo Duro	Watershed Planning	1510.5	Riverine and Playa	Dallam	Moore, Hartley, Sherman, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart, Texline	No	\$1,297,000	None	890	656	1,951	2	22	22	177.9	91,033.8	1991	1991
011000033	Lipscomb County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Lipscomb	11090106, 11090201, 11100201, 11100202, 11100203	-	Middle Canadian-Spring, Lower Canadian-Deer, Lower Beaver, Upper Wolf, Lower Wolf	Watershed Planning	936.3	Riverine and Playa	Lipscomb	Hemphill, Roberts, Lipscomb, Ochiltree, Panhandle Regional Planning Commission, Red River Authority of Texas, Follett, Darrouzett, Higgins, Booker	No	\$924,000	None	100	9	80	0	6	6	20.3	66,275.2	1990	1990
011000034	Ochiltree County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Ochiltree	11090106, 11100102, 11100104, 11100201, 11100202	-	Middle Canadian-Spring, Middle Beaver, Palo Duro, Lower Beaver, Upper Wolf	Watershed Planning	922.5	Riverine and Playa	Ochiltree	Roberts, Hutchinson, Lipscomb, Ochiltree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Booker, Perryton	No	\$859,000	None	369	161	658	1	1	1	30.9	48,149.9	1990	1990
011000035	Hansford County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hansford	11090106, 11100103, 11100104, 11100202	-	Middle Canadian-Spring, Coldwater, Palo Duro, Palo Duro	Watershed Planning	923.9	Riverine and Playa	Hansford	Roberts, Hutchinson, Moore, Sherman, Ochiltree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Spearman, Gruver	No	\$841,000	None	38	5	44	9	19	19	16.0	44,978.1	1987	1987
011000036	Cooke County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Cooke	11130201	111302010508, 111302010701, 111302010702, 111302010703, 111302010704, 111302010705, 111302010707, 111302010708	Farmers-Mud	Watershed Planning	177.1	Riverine	Cooke	Cooke, Montague, Nortex Regional Planning Commission, Texoma Council of Governments, Red River Authority of Texas, Greater Texoma Utility Authortiy, Gainesville, Lindsay	No	\$917,000	None	54	25	81	0	13	40	8.4	20,721.5	2021	2008
011000037	Montague County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Montague	11130201, 11130209, 12030103	-	Farmers-Mud, Little Wichita, Elm Fork Trinity	Watershed Planning	529.4	Riverine	Montague	Cooke, Montague, Clay, Nortex Regional Planning Commission, Texoma Council of Governments, Red River Authority of Texas, Clear Creek Watershed Authority, Farmers Creek Watershed Authority, Bowie Water Supply District, St. Jo, Bowie, Nocona	No	\$981,000	None	255	150	394	0	53	136	36.6	49,721.0	2021	2011
011000038	Wichita County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Wichita	11130102, 11130206, 11130207, 11130209	-	Blue-China, Wichita, Southern Beaver, Southern Beaver	Watershed Planning	617.3	Riverine and Playa	Wichita	Clay, Wichita, Wilbarger, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Archer County MUD 1, Wichita County Water Improvement District 2, Burkburnett, Electra, Pleasant Valley, Jowa Park, Wichita Falls, Cashion Community, Lakeside City	No	\$643,000	None	3,986	2,926	15,949	72	170	267	193.1	49,700.4	1989	2010
011000039	Hale County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hale	11120104, 11130103	111201040602, 111301030202	Tule, North Pease	Watershed Planning	7.0	Riverine and Playa	Hale	Floyd, Hale, Swisher, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority	No	\$1,076,000	None	0	0	0	0	0	0	2.5	228.9	2009	2011
011000040	Potter County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Potter	11090105, 11120102, 11120103, 11120301	-	Lake Meredith, Palo Duro, Upper Prairie Dog Town Fork Red, Upper Prairie Dog Town Fork Red		922.8	Riverine and Playa	Potter	Carson, Potter, Oldham, Moore, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Llano Estacado Water District, Potter County FWSD 1, Amarillo, Bishop Hills	No	\$929,000	None	1,083	812	8,889	13	14	14	79.0	53,184.3	2006	2010
011000041	Randall County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Randall	11090105, 11120101, 11120102, 11120103, 11120104, 11120301	-	Lake Meredith, Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red, Tule, Upper North Fork Red	Watershed Planning	922.3	Riverine and Playa	Randall	Carson, Potter, Oldham, Swisher, Castro, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Llano Estacado Water District, Randall County MUD 1, Amarillo, Happy, Palisades, Timbercreek Canyon, Canyon, Lake Tanglewood	No	\$872,000	None	1,781	1,476	6,820	21	20	20	152.7	32,847.9	2006	2010
011000042	Gray County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Gray	11090106, 11120201, 11120301, 11120302, 11120304, 11130301	-	Middle Canadian-Spring, Upper Salt Fork Red, Upper North Fork Red, Middle North Fork Red, Elm Fork Red, Washita Headwaters	Watershed Planning	930.6	Riverine and Playa	Gray	Carson, Hemphill, Roberts, Collingsworth, Donley, Armstrong, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Wheeler County Water Supply District, Gray County MUD 1, Greenbelt Municipal & Industrial Water Authority, Pampa, Lefors, McLean	No	\$908,000	None	295	161	1,429	2	14	14	49.4	63,862.6	2009	2010

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	facilities at	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated	Existing or Anticipated Maps (year)
011000043	Cooke County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Cooke	11130201	111302010508, 111302010701, 111302010702, 111302010703, 111302010704, 111302010705, 111302010707, 111302010708	Farmers-Mud	Watershed Planning	177.1	Riverine	Cooke	Cooke, Montague, Nortex Regional Planning Commission, Texoma Council of Governments, Red River Authority of Texas, Greater Texoma Utility Authortiy, Gainesville, Lindsay	. No	\$500,000	None	54	25	81	0	13	40	8.4	20,721.5	2021	2008
011000044	Montague County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Montague	11130201, 11130209, 12030103	-	Farmers-Mud, Little Wichita, Elm Fork Trinity	Watershed Planning	529.4	Riverine	Montague	Cooke, Montague, Clay, Nortex Regional Planning Commission, Texoma Council of Governments, Red River Authority of Texas, Clear Creek Watershed Authority, Farmers Creek Watershed Authority, Bowie Water Supply District, St. Jo, Bowie, Nocona		\$500,000	None	255	150	394	0	53	136	36.6	49,721.0	2021	2011
011000045	Floyd County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002, 01000005, 01000006	Floyd	11130103, 11130104	-	North Pease, Middle Pease	Watershed Planning	583.9	Riverine and Playa	Floyd	Motley, Floyd, Hale, Dickens, Crosby, Briscoe, Swisher, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Lockney	No	\$500,000	None	35	3	22	0	10	37	76.6	26,594.5	None	None
011000046	Wilbarger County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Wilbarger	11130101, 11130102, 11130105, 11130206, 11130207	-	Groesbeck-Sandy, Blue-China, Pease, Wichita, Southern Beaver	Watershed Planning	975.5	Riverine	Wilbarger	Wichita, Foard, Wilbarger, Hardeman, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Electra, Vernon	No	\$500,000	None	132	29	583	2	39	45	87.6	101,721.1	None	None
011000047	Dickens County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 0100002, 01000005, 01000006	Dickens	11130104, 11130204, 11130205	111301040202, 111301040206, 111301040206, 111301040207, 111301040209, 111301040209, 111301040209, 111301040303, 111301040303, 111302040101, 111302050102, 111302050103, 111302050103, 111302050105	Middle Pease, North Wichita, South Wichita	Watershed Planning	330.9	Riverine and Playa	Dickens	Cottle, Motley, Floyd, King, Dickens, Crosby, Nortex Regional Planning Commission, South Plains Association of Governments Red River Authority of Texas, Brazos River Authority, Dickens County WCID 1		\$500,000	None	14	0	13	0	1	1	15.0	23,267.2	None	None
011000048	Archer County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002, 01000005, 01000006	Archer	11130206, 11130209	-	Wichita, Little Wichita	Watershed Planning	787.8	Riverine and Playa	Archer	Young, Clay, Wichita, Wilbarger, Baylor, Archer, Nortex Regiona Planning Commission, Red River Authority of Texas, Brazos Rive Authority, Archer County MUD 1, Wichita County Water Improvement District 2, Windthorst, Megargel, Scotland, Arche City, Holliday, Lakeside City	r No	\$500,000	None	188	68	262	0	76	153	36.6	77,039.8	2018	2021
011000049	Carson County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11090105, 11090106, 11120103, 11120201, 11120301	-	Lake Meredith, Middle Canadian-Spring, Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Watershed Planning	925.2	Riverine and Playa	Carson	Carson, Potter, Roberts, Hutchinson, Moore, Donley, Armstrong Randall, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, White Deer Skellytown, Panhandle, Groom	No	\$500,000	None	87	43	270	4	10	12	35.6	43,317.9	None	None
011000050	Potter County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Potter	11090105, 11120102, 11120103, 11120301	-	Lake Meredith, Palo Duro, Upper Prairie Dog Town Fork Red, Upper Prairie Dog Town Fork Red		922.8	Riverine and Playa	Potter	Carson, Potter, Oldham, Moore, Armstrong, Randall, Deaf Smith Panhandle Regional Planning Commission, Red River Authority o Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Llano Estacado Water District, Potter County FWSD J, Amarillo, Bishop Hills	No	\$500,000	None	1,083	812	8,889	13	14	14	79.0	53,184.3	2006	2010
011000051	Roberts County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Roberts	11090106, 11120302, 11130301	-	Middle Canadian-Spring, Middle North Fork Red, Washita Headwaters	Watershed Planning	925.4	Riverine and Playa	Roberts	Carson, Hemphill, Roberts, Hutchinson, Wheeler, Gray, Lipscomb, Ochitree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Roberts County FWSI 1, Miami	D No	\$500,000	None	90	1	60	2	5	5	20.6	91,030.6	None	None
011000052	Hutchinson County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Hutchinson	11090105, 11090106, 11100104, 11100202	-	Lake Meredith, Middle Canadian-Spring, Palo Duro, Palo Duro	Watershed Planning	896.9	Riverine and Playa	Hutchinson	Carson, Roberts, Hutchinson, Moore, Sherman, Ochiltree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Borger, Fritch, Sanford, Stinnett		\$500,000	None	428	o	925	2	10	10	29.9	70,012.0	None	None
011000053	Hartley County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Hartley	11090101, 11090102, 11090103, 11090104, 11090105, 11100103, 11100104	-	Middle Canadian-Trujillo, Punta de Agua, Rita Blanca, Carrizo, Lake Meredith, Coldwater, Palo Duro	Watershed Planning	1466.1	Riverine and Playa	Hartley	Oldham, Moore, Hartley, Sherman, Dallam, Panhandle Regiona Planning Commission, Red River Authority of Texas, Channing, Dalhart		\$500,000	None	111	65	281	5	61	63	83.2	91,162.9	None	None
011000054	Childress County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Childress	11120105, 11130101, 11130103, 11130105	-	Lower Prairie Dog Town Fork Red, Groesbeck-Sandy, North Pease, North Pease	Watershed Planning	713.1	Riverine and Playa	Childress	Cottle, Hardeman, Childress, Hall, Collingsworth, Nortex Regiona Planning Commission, Panhandle Regional Planning Commissior Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Childress	n, No	\$500,000	None	47	17	59	1	8	8	52.3	65,435.9	None	None
011000055	Hall County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Hall	11120103, 11120105, 11130103	-	Upper Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red, North Pease	Watershed Planning	903.4	Riverine and Playa	Hall	Cottle, Motley, Childress, Hall, Briscoe, Collingsworth, Donley, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, South Plains Association of Governments Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Lakeview, Memphis, Estelline, Turkey		\$500,000	None	66	11	63	5	22	22	73.8	90,608.2	None	None
011000056	Swisher County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains and playa lakes.	01000001, 01000002, 01000005, 01000006	Swisher	11120103, 11120104, 11130103	-	Upper Prairie Dog Town Fork Red, Tule, North Pease	Watershed Planning	827.5	Riverine and Playa	Swisher	Floyd, Hale, Briscoe, Swisher, Castro, Armstrong, Randall, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Mackenzie Municipal Water Authority, Tulia, Kress, Happy	No	\$500,000	None	57	21	54	0	11	15	203.7	40,120.9	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk		Number of low water crossings at flood risk (#)		Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000057	Randall County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Randall	11090105, 11120101, 11120102, 11120103, 11120104, 11120301	-	Lake Meredith, Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red, Tule, Upper North Fork Red	Watershed Planning	922.3	Riverine and Playa	Randall	Carson, Potter, Oldham, Swisher, Castro, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Llano Estacado Water District, Randall County MUD 1, Amarillo, Happy, Palisades, Timbercreek Canyon, Canyon, Lake Tanglewood	No	\$500,000	None	1,781	1,476	6,820	21	20	20	152.7	32,847.9	2006	2010
011000058	Wheeler County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Wheeler	11120202, 11120301, 11120302, 11120304, 11130301	-	Lower Salt Fork Red, Upper North Fork Red, Middle North Fork Red, Elm Fork Red, Washita Headwaters	Watershed Planning	916.0	Riverine and Playa	Wheeler	Hemphill, Roberts, Collingsworth, Donley, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Greenbelt Municipal & Industrial Water Authority, Mobeetie, Shamrock, Wheeler	fNo	\$500,000	None	191	71	338	4	4	4	65.1	70,022.0	None	None
011000059	Dallam County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Dallam	11090102, 11090103, 11090104, 11100101, 11100103, 11100104	-	Punta de Agua, Rita Blanca, Carrizo, Upper Beaver, Coldwater, Palo Duro	Watershed Planning	1510.5	Riverine and Playa	Dallam	Moore, Hartley, Sherman, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart, Texline	No	\$500,000	None	890	656	1,951	2	22	22	177.9	91,033.8	None	None
011000060	Lipscomb County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Lipscomb	11090104 11090106, 11090201, 11100201, 11100202, 11100203	-	Middle Canadian-Spring, Lower Canadian-Deer, Lower Beaver, Upper Wolf, Lower Wolf	Watershed Planning	936.3	Riverine and Playa	Lipscomb	Hemphill, Roberts, Lipscomb, Ochiltree, Panhandle Regional Planning Commission, Red River Authority of Texas, Follett, Darrouzett, Higgins, Booker	No	\$500,000	None	100	9	80	0	6	6	20.3	66,275.2	None	None
011000061	Ochiltree County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Ochiltree	11090106, 11100102, 11100104, 11100201, 11100202	-	Middle Canadian-Spring, Middle Beaver, Palo Duro, Lower Beaver, Upper Wolf	Watershed Planning	922.5	Riverine and Playa	Ochiltree	Roberts, Hutchinson, Lipscomb, Ochiltree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Booker, Perryton	No	\$500,000	None	369	161	658	1	1	1	30.9	48,149.9	None	None
011000062	Quitaque City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Briscoe	11130103	111301030209, 111301030304	North Pease	Watershed Planning	0.7	Riverine and Playa	Quitaque	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Quitaque	No	\$250,000	None	2	0	1	0	0	0	0.1	0.3	None	None
011000063	Jolly City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Clay	11130209	111302090503, 111302090504, 111302090505	Little Wichita	Watershed Planning	1.4	Riverine	Jolly	Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Dean, Jolly	No	\$250,000	None	3	0	12	0	2	3	0.5	10.2	None	None
011000064	Clarendon City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, ributaries, and functioning floodplains and playa lakes.	01000001, 01000002, 01000005, 01000006	Donley	11120201	111202010203, 111202010204	Upper Salt Fork Red	Watershed Planning	3.0	Riverine and Playa	Clarendon	Donley, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Clarendon	No	\$250,000	None	128	7	436	2	3	3	8.8	7.5	None	None
011000065	Lake Tanglewood City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis	01000001, 01000002, 01000005, 01000006	Randall	11120103	111201030103	Upper Prairie Dog Town Fork Red	Watershed Planning	1.8	Riverine and Playa	Randall, Lake Tanglewood	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Lake Tanglewood	No	\$250,000	None	121	101	297	19	0	0	0.5	7.4	2006	2010
011000066	Palisades City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002, 01000005, 01000006	Randall	11120103	111201030102, 111201030103	Upper Prairie Dog Town Fork Red	Watershed Planning	0.5	Riverine and Playa	Randall, Palisades	Randail, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Timbercreek Canyon	No	\$250,000	None	45	31	73	1	1	1	1.5	0.5	2006	2010
011000067	Lakeview City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Hall	11120105	111201050206	Lower Prairie Dog Town Fork Red	Watershed Planning	0.2	Riverine	Lakeview	Hall, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Lakeview	No	\$250,000	None	10	3	7	0	0	0	0.8	2.5	None	None
011000068	Windthorst City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Clay, Archer	11130209	111302090301, 111302090302	Little Wichita	Watershed Planning	2.3	Riverine	Windthorst	Clay, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Windthorst	No	\$250,000	None	0	0	0	0	0	0	0.0	0.6	2018	2021
011000069	Petrolia City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Clay	11130206, 11130209	111302060502, 111302060503, 111302090508	Wichita, Little Wichita	Watershed Planning	0.8	Riverine	Petrolia	Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Petrolia	No	\$250,000	None	0	0	0	0	0	0	0.0	0.2	None	None
011000070	Cashion City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	010000001, 01000002, 01000005, 01000006	Wichita	11130102, 11130206	111301020304, 111302060501	Blue-China, Wichita	Watershed Planning	1.8	Riverine	Cashion Community	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Burkburnett, Cashion Community	No	\$250,000	None	0	0	0	0	0	0	0.2	5.8	1989	2010
011000071	Canadian City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000000 01000001, 01000002, 01000005, 01000006	Hemphill	11090106	110901060801	Middle Canadian-Spring	Watershed Planning	1.4	Riverine	Canadian	Hemphill, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian	No	\$250,000	None	10	0	12	0	0	0	0.3	1.1	None	None
011000072	Pampa City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Gray	11090106, 11120301	110901060601, 110901060602, 111203010303	Middle Canadian-Spring, Upper North Fork Red	Watershed Planning	8.9	Riverine and Playa	Pampa	Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Gray County MUD 1, Pampa	No	\$250,000	None	148	118	1,214	0	1	1	6.0	12.0	2009	2010
011000073	Pleasant Valley City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002,	Wichita	11130206	111302060406, 111302060407	Wichita	Watershed Planning	2.6	Riverine	Pleasant Valley	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Pleasant Valley, Wichita Falls	No	\$250,000	None	93	75	248	0	1	3	0.8	13.7	1989	2010
011000074	Tulia City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses	01000001, 01000002, 01000005, 01000006	Swisher	11120104	111201040204, 111201040205, 111201040206, 111201040304	Tule	Watershed Planning	3.6	Riverine and Playa	Tulia	Swisher, Panhandle Regional Planning Commission, Red River Authority of Texas, Tulia	No	\$250,000	None	5	0	0	0	0	0	4.6	10.7	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk		Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000075	Shamrock City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains, wetlands, and playa lakes.	01000001, 01000002, 01000005, 01000006	Wheeler	11120302, 11120304	111203020104, 111203040105	Middle North Fork Red, Elm Fork Red	Watershed Planning	1.9	Riverine	Shamrock	Wheeler, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Shamrock	No	\$250,000	None	0	0	o	0	0	0	0.7	0.1	None	None
011000076	Holliday City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis	01000001, 01000002, 01000005, 01000006	Archer	11130206	111302060302, 111302060303, 111302060405	Wichita	Watershed Planning	2.5	Riverine	Holliday	Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Holliday	No	\$250,000	None	4	2	4	0	0	0	0.9	5.2	2018	2021
011000077	Silverton City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with many natural features	01000001, 01000002, 01000005, 01000006	Briscoe	11130103	111301030101	North Pease	Watershed Planning	1.0	Playa	Silverton	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Silverton	No	\$250,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000078	Hereford City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses	01000001, 01000002, 01000005, 01000006	Deaf Smith	11120101	111201010505, 111201010507	Tierra Blanca	Watershed Planning	5.7	Riverine and Playa	Hereford	Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Hereford	No	\$250,000	None	19	11	83	0	1	1	2.2	6.6	None	None
011000079	Scotland City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Clay, Archer	11130209	111302090207, 111302090208, 111302090301, 111302090302, 111302090302	Little Wichita	Watershed Planning	10.0	Riverine	Scotland	Clay, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Scotland	No	\$250,000	None	0	0	0	0	1	1	0.5	27.3	2018	2021
011000080	Lefors City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002, 01000005, 01000006	Gray	11120301	111203010305	Upper North Fork Red	Watershed Planning	0.3	Riverine	Lefors	Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Lefors	No	\$250,000	None	18	13	28	0	0	0	0.7	0.8	2009	2010
011000081	Burkburnett City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Wichita	11130102	111301020302, 111301020304, 111301020305	Blue-China	Watershed Planning	11.1	Riverine	Burkburnett	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Burkburnett	No	\$250,000	None	47	37	105	0	7	9	6.9	183.8	1989	2010
011000082	Amarillo City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Update existing drainage mater plan.	01000001, 01000002, 01000005, 01000006	Potter, Randall	11090105, 11120103, 11120301	110901050308, 110901050309, 110901050402, 111201030101, 111201030106, 111201030106, 111201030107, 111203010101, 111203010102	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Watershed Planning	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$1,000,000	None	1,703	1,382	12,344	7	6	6	102.9	212.8	2006	2010
011000083	Nocona City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses	01000001, 01000002, 01000005, 01000006	Montague	11130201	111302010209, 111302010502	Farmers-Mud	Watershed Planning	2.7	Riverine	Nocona	Montague, Nortex Regional Planning Commission, Red River Authority of Texas, Nocona	No	\$250,000	None	3	1	26	0	0	0	0.0	0.8	2021	2011
011000084	Vega City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses	01000001, 01000002, 01000005, 01000006	Oldham	11090105, 11120102	110901050101, 111201020205, 111201020206	Lake Meredith, Palo Duro	Watershed Planning	1.1	Riverine	Vega	Oldham, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Vega	No	\$250,000	None	0	0	0	0	0	0	0.1	0.3	None	None
011000085	Seymour City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains. Only a small portion of the city is within the region.	01000001, 01000002, 01000005, 01000006	Baylor	11130206	111302060104, 111302060106	Wichita	Watershed Planning	0.1	None	Seymour	Baylor, Nortex Regional Planning Commission, Red River Authority of Texas, Seymour	No	\$250,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000086	Darrouzett City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002, 01000005, 01000006	Lipscomb	11100201	111002010306	Lower Beaver	Watershed Planning	0.4	Riverine	Darrouzett	Lipscomb, Panhandle Regional Planning Commission, Red River Authority of Texas, Darrouzett	No	\$250,000	None	2	0	1	0	0	0	0.1	5.9	None	None
011000087	Spearman City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002, 01000005, 01000006	Hansford	11100104	111001040311, 111001040312	Palo Duro	Watershed Planning	1.8	Riverine and Playa	Spearman	Hansford, Panhandle Regional Planning Commission, Palo Duro River Authority, Spearman	No	\$250,000	None	1	0	2	0	0	0	0.5	1.0	None	None
011000088	Vernon City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Wilbarger	11130105	111301050204, 111301050206	Pease	Watershed Planning	8.1	Riverine	Vernon	Wilbarger, Nortex Regional Planning Commission, Red River Authority of Texas, Vernon	No	\$250,000	None	61	24	540	1	0	0	12.7	5.3	None	None
011000089	lowa Park City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses and the needs analysis	01000001, 01000002, 01000005, 01000006	Wichita	11130206	111302060404, 111302060406	Wichita	Watershed Planning	4.5	Riverine	lowa Park	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Iowa Park	No	\$250,000	None	121	106	181	0	2	2	5.2	41.7	1989	2010
011000090	Childress City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Childress	11120105, 11130101, 11130103	111201050302, 111201050308, 111201050501, 111301010101, 111301030504	Lower Prairie Dog Town Fork Red, Groesbeck-Sandy, North Pease	Watershed Planning	7.7	Riverine	Childress	Childress, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Childress	No	\$250,000	None	8	4	18	1	0	0	2.3	2.2	None	None
011000091	Perryton City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and survey responses	01000001, 01000002, 01000005, 01000006	Ochiltree	11100201	111002010201, 111002010301, 111002010302	Lower Beaver	Watershed Planning	4.4	Riverine and Playa	Perryton	Ochiltree, Panhandle Regional Planning Commission, Perryton	No	\$250,000	None	304	145	558	0	0	0	6.6	18.1	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000092	Megargel City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Archer	11130209	111302090105	Little Wichita	Watershed Planning	0.4	None	Megargel	Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Megargel	No	\$250,000	None	0	0	0	0	0	0	0.0	0.0	2018	2021
011000093	Groom City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11120201, 11120301	111202010104, 111203010201	Upper Salt Fork Red, Upper North Fork Red	Watershed Planning	0.7	Riverine and Playa	Groom	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Groom	No	\$250,000	None	19	13	26	1	0	0	0.6	2.1	None	None
011000094	White Deer City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11120301	111203010301	Upper North Fork Red	Watershed Planning	1.7	Riverine and Playa	White Deer	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, White Deer	No	\$250,000	None	0	0	0	0	0	0	0.0	3.1	None	None
011000095	Timbercreek Canyon City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Randall	11120103	111201030102, 111201030103	Upper Prairie Dog Town Fork Red	Watershed Planning	1.4	Riverine and Playa	Randall, Timbercreek Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Timbercreek Canyon	No	\$250,000	None	19	16	36	1	0	0	0.7	0.2	2006	2010
011000096	Electra City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Wichita	11130102, 11130206, 11130207	111301020203, 111302060403, 111302070402	Blue-China, Wichita, Southern Beaver	Watershed Planning	2.9	Riverine	Electra	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Electra	No	\$250,000	None	7	2	17	0	0	0	1.7	13.4	1989	2010
011000097	Lakeside City City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis	01000001, 01000002, 01000005, 01000006	Wichita, Archer	11130206	111302060303	Wichita	Watershed Planning	0.6	Riverine and Playa	Lakeside City	Wichita, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Lakeside City	No	\$250,000	None	22	19	39	0	0	0	0.0	3.1	2018	2021
011000098	Wichita Falls City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Update existing drainage mater plan. Selected based on survey responses and needs analysis.	01000001, 01000002, 01000005, 01000006	Wichita	11130206, 11130209	111302060303, 111302060304, 111302060406, 111302060407, 111302060501, 111302090502, 111302090503	Wichita, Little Wichita	Watershed Planning	71.6	Riverine and Playa	Wichita Falls	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Pleasant Valley, Wichita Falls	No	\$1,000,000	None	3,091	2,262	14,057	51	46	53	121.4	43.7	1989	2010
011000099	Dalhart City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Hartley, Dallam	11090103	110901030405, 110901030406, 110901030408	Rita Blanca	Watershed Planning	4.7	Riverine and Playa	Dalhart	Hartley, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart	No	\$250,000	None	887	698	2,054	0	1	1	21.0	4.0	None	None
011000100	Skelleytown City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11090106	110901060302, 110901060307	Middle Canadian-Spring	Watershed Planning	0.5	None	Skellytown	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Skellytown	No	\$250,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000101	Panhandle City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11120301	111203010105, 111203010107	Upper North Fork Red	Watershed Planning	2.2	Riverine and Playa	Panhandle	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Panhandle	No	\$250,000	None	14	2	55	3	0	0	0.8	0.2	None	None
011000102	City of Clarendon GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Donley	11120201	111202010203, 111202010204	Upper Salt Fork Red	Other	3.0	Riverine and Playa	Clarendon	Donley, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Clarendon	No	\$50,000	None	128	7	436	2	3	3	8.8	7.5	None	None
011000103	City of Palisades GIS Development	assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Randall	11120103	111201030102, 111201030103	Upper Prairie Dog Town Fork Red	Other	0.5	Riverine and Playa	Randall, Palisades	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Timbercreek Canyon Wheeler, Panhandle Regional Planning Commission, Red River	No	\$50,000	None	45	31	73	1	1	1	1.5	0.5	2006	2010
011000104	City of Shamrock GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response Develop GIS inventory and condition	01000001, 01000002	Wheeler	11120302, 11120304	111203020104, 111203040105	Middle North Fork Red, Elm Fork Red	Other	1.9	Riverine	Shamrock	Authority of Texas, Wheeler County Water Supply District, Shamrock	No	\$50,000	None	0	0	0	0	0	0	0.7	0.1	None	None
011000105	City of Silverton GIS Development	assessment for flood infrastructure; selected based on survey response Develop GIS inventory and condition	01000001, 01000002	Briscoe	11130103	111301030101	North Pease	Other	1.0	Playa	Silverton	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Silverton	No	\$50,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000106	City of Lefors GIS Development	assessment for flood infrastructure; selected based on survey response Develop GIS inventory and condition	01000001, 01000002	Gray	11120301	111203010305 110901050707,	Upper North Fork Red	Other	0.3	Riverine	Lefors	Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Lefors	No	\$50,000	None	18	13	28	0	0	0	0.7	0.8	2009	2010
011000107	City of Fritch GIS Development	assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Hutchinson, Moore	11090105, 11090106	110901050708, 110901060105	Lake Meredith, Middle Canadian-Spring	Other	1.6	Riverine and Playa	Fritch	Hutchinson, Moore, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Fritch	No	\$50,000	None	76	0	117	0	0	0	3.6	5.9	None	None
011000108	City of Seymour GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response. Only a small portion of the city is within the region.	01000001, 01000002	Baylor	11130206	111302060104, 111302060106	Wichita	Other	0.1	None	Seymour	Baylor, Nortex Regional Planning Commission, Red River Authority of Texas, Seymour	No	\$50,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000109	City of Spearman GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Hansford	11100104	111001040311, 111001040312	Palo Duro	Other	1.8	Riverine and Playa	Spearman	Hansford, Panhandle Regional Planning Commission, Palo Duro River Authority, Spearman	No	\$50,000	None	1	0	2	0	0	0	0.5	1.0	None	None
011000110	City of Perryton GIS Development	Develop GIS inventory and condition	01000001, 01000002	Ochiltree	11100201	111002010201, 111002010301, 111002010302	Lower Beaver	Other	4.4	Riverine and Playa	Perryton	Ochiltree, Panhandle Regional Planning Commission, Perryton	No	\$50,000	None	304	145	558	0	0	0	6.6	18.1	None	None
011000111	City of Dalhart GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Hartley, Dallam	11090103	110901030405, 110901030406, 110901030408	Rita Blanca	Other	4.7	Riverine and Playa	Dalhart	Hartley, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart	No	\$50,000	None	887	698	2,054	0	1	1	21.0	4.0	None	None
011000112	City of Panhandle GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Carson	11120301	111203010105, 111203010107	Upper North Fork Red	Other	2.2	Riverine and Playa	Panhandle	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Panhandle	No	\$50,000	None	14	2	55	3	0	0	0.8	0.2	None	None
011000113	Potter County GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Potter	11090105, 11120102, 11120103, 11120301	-	Lake Meredith, Palo Duro, Upper Prairie Dog Town Fork Red, Upper Prairie Dog Town Fork Red	Other	922.8	Riverine and Playa	Potter	Carson, Potter, Oldham, Moore, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Llano Estacado Water District, Potter County FWSD 1, Amarillo, Bishop Hills		\$50,000	None	1,083	812	8,889	13	14	14	79.0	53,184.3	2006	2010
011000114	Region-Wide Dam Safety	Coordinate region-wide investigation into current dam safety status; selected based on stakeholder feedback	01000007, 01000008	-	-	-	-	Other	34626.1	Riverine and Playa	Panhandle Regional Planning Commission	-	No	\$1,718,000	None	11,544	6,885	41,795	160	791	1,250	2,299.4	2,425,093.5	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)		Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk		Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000115	Farmers Creek Watershed Authority Dam Evaluation	Investigate survey responses of deficient or non-functioning flood protection dams	01000007, 01000008	Montague	11130201	111302010209, 111302010502, 111302010504, 111302010505, 111302010506, 111302010507, 111302010508, 111302010701	Farmers-Mud	Other	121.0	Riverine	Farmers Creek Watershed Authority	Montague, Nortex Regional Planning Commission, Red River Authority of Texas, Clear Creek Watershed Authority, Farmers Creek Watershed Authority	No	\$517,000	None	197	128	303	0	14	34	8.4	9,501.7	2021	2011
011000116	East Amarillo Creek Project Planning - St. Francis Ave. Tributary Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include installing 5-barrel, 5'x3' concrete boxes, and improving the channel. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000117	East Amarillo Creek Project Planning - Echo Street Tributary Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include replacing it with a concrete box, installing additional concrete boxes, raising the road, and improving the channel. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarilio	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000118	Comanche Drainage Channel (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Comanche Drainage Channel. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030106	Upper Prairie Dog Town Fork Red	Project Planning	10.8	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	14	8	35	0	0	0	4.2	223.9	2006	2010
011000119	Culverts: Various Locations (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to culverts. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000120	West Amarillo Creek Project Planning - Amarillo Country Club Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	10.2	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	69	60	165	0	2	2	3.3	123.9	2006	2010
011000121	West Amarillo Creek Project Planning - Partridge/Cloud Crest Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to West Amarillo Creek Study Area - Partridge/Cloud Crest Channel Reach. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	11.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010
011000122	Quail Creek Channel from Plum Creek Storm Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Quail Creek Channel from Plum Creek Storm Channel Reach. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	11.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarilio	No	\$250,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010
011000123	East Amarillo Creek Project Planning - Lower East Amarillo Creek Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Replace four arch CMP and improve channels. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000124		evaluate impacts and begin design.		Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarilio	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000125	East Amarillo Creek Project Planning - Valley Park Tributary Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include modifying and installing concrete boxes, raising roads, and improving channels. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarilio	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000126	SE 34th/ Grand at Comanche Golf Course Channel (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to SE 34th/ Grand at Comanche Golf Course Channel. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030106	Upper Prairie Dog Town Fork Red	Project Planning	10.8	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	14	8	35	0	0	0	4.2	223.9	2006	2010
	West Amarillo Creek Project Planning - Westcliff Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include 2 additional 36" RCP at Kouha Drive and improving changel from	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	10.2	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarilio	No	\$250,000	None	69	60	165	0	2	2	3.3	123.9	2006	2010
011000128	West Amarillo Creek Project Planning - Wolfin Avenue Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include additional RCPs, installing concrete boxes, improving channel, and installing RCP with inlet and outlet structure. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	11.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk		Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000129	West Amarillo Creek Project Planning - Tascosa/Westwood Channel Reach (City of Amarillo)		01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	10.2	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	69	60	165	0	2	2	3.3	123.9	2006	2010
011000130	East Amarillo Creek Project Planning - Ross Rogers Tributary Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include replacing arch CMP with concrete boxes, raising roads, and installing an additional concrete box. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000131		Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvement include new 750 GMP pumping station with 8" suction line, and new 8" force main. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	5	4	12	0	0	0	2.1	0.0	2006	2010
011000132	Playa No. 7 Project Planning (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include excavating 100,000 CY, add new 3,000 GPM pumping station withsuction line, and add new force main. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	2.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	31	21	81	0	0	0	2.1	19.1	2006	2010
011000133	McCarty Lake Project Planning (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Excavate 900,000 CY. Raise street and install equalization culverts. Add new pumping station with suction line, and add new force main. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$382,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000134	Willow Grove Project Planning (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Excavate ~5,000 CY to El. 3564.0 to connect two playa chambers. Add new 500 GPM pumping station with 8" suction line and 6" force main. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030102	Upper Prairie Dog Town Fork Red	Project Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	238	222	859	0	0	0	4.0	0.0	2006	2010
011000135	Bennett Lake Project Planning (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Excavate 140,000 CY, add new 5,000 GPM pumping station with suction line, add several force mains at various sizes. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.3	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$556,000	None	49	21	525	0	0	0	2.9	0.0	2006	2010
011000136	Lawrence Lake Project Planning (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Add new 3,000 GMP pumps at both pumps, replace 15" PV with 20", and replace 16" STL with 24". Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000137	Playa No. 34 Project Planning (City of Amarillo)	Evaluate project to quantify benefits,	01000003, 01000004	Potter, Randall	11120103	111201030107	Upper Prairie Dog Town Fork Red	Project Planning	4.1	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	5	5	13	0	0	0	1.6	133.7	2006	2010
011000138	Wild Horse Lake Project Planning (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include adding a 30" relief culvert and a new junction box w/ flap gate. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000139	West Amarillo Creek Project Planning - AISD/B I- 40/MediPark (City of Amarillo)		01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	11.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarilio	No	\$250,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010
011000140	East Amarillo Creek Project Planning - North Bolton St. Storm Sewer (City of Amarillo)	evaluate impacts and begin design. Improvements include adding 1 new 42" RCP	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000141	McCarty Lake Project Planning - Fulton/ Hampton Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to McCarty Lake Study Area - Fulton/ Hampton Storm Sewer. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000142	Playa No. 4 Outfall (City of Amarillo)		01000003, 01000004	Randall	11120102, 11120103	111201020303, 111201030101	Palo Duro, Upper Prairie Dog Town Fork Red	Project Planning	2.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Amarillo	No	\$250,000	None	87	87	280	0	0	0	2.1	51.5	2006	2010

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk		Number of low water crossings at flood risk (#)		Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000143	McDonald Lake Project Planning - Wesley, Tripp/Van Winkle Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to McDonald Lake Study Area- Wesley, Tripp/Van Winkle Storm Sewer. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.9	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	13	11	66	0	0	0	4.4	1.0	2006	2010
011000144	McDonald Lake Project Planning - Walmart/ Lowes Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to McDonald Lake Study Area - Walmart/ Lowes Storm Sewer. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.9	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	13	11	66	o	0	0	4.4	1.0	2006	2010
011000145	Lawrence Lake Outfall (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Project improvements include 2 inlet boxes and parallel relief line that will outfall at the current cascaded outfall. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter, Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000146	Playa No. 7 Coulter/Loop 335 Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Playa No. 7 Coulter/Loop 335 Storm Sewer. System takes flow from Playa watersheds 11 and 14 and outflows to Playa 7. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	4.6	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	6	5	16	0	0	0	4.1	57.4	2006	2010
011000147	McCarty Lake Project Planning - Downstream I-27 (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements consist of constructing a relief interceptor sized to take storm flows to McCarty Lake. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$383,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000148	McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (1B) (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include adding storm drain, adding parallel system, and then connecting to the existing crossing. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11090105, 11120103	110901050308, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000149	Willow Grove Project Planning - Rushmore/Hayden Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Replace four pipes with 60" or 66" pipes. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030102	Upper Prairie Dog Town Fork Red	Project Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	238	222	859	0	0	0	4.0	0.0	2006	2010
011000150	Gooch Lake Project Planning - 27th Ave/RR Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include adding inlets, a 24" RCP lateral, and a manhole. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11120103	111201030106	Upper Prairie Dog Town Fork Red	Project Planning	10.8	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	14	8	35	0	0	0	4.2	223.9	2006	2010
011000151	Wild Horse Lake Project Planning - ONG/Lipscomb Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include replacing 5 pipes with larger diameters, adding two RCP, and adding a new diversion structure. Project identified from 2019 Amarillo DMP.		Potter	11090105, 11120103	110901050402, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Project Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000152	McDonald Lake Project Planning - Coulter Street Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include adding 36" RCP parallel to several pipes, adding 6 new RCP, and replacing the 72" RCP with a 84" RCP. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.9	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	13	11	66	0	0	0	4.4	1.0	2006	2010
011000153	Lawrence Lake Project Planning - Dilday Draw Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include channel improvement on several RCP, replacing a 54" and 48" RCP with 60" RCP and adding 30" PCP parallel to 72" RCP. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000154	Lawrence Lake Project Planning - Fleetwood Drive Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Replace pipes with ones with larger diameters, add three new pipes, and connect two pipes in three locations. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000155	Lawrence Lake Project Planning - Julian Blvd. Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements consist of adding a major trunkline, and a lateral and inlets. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Typ (Riverine, Coastal, Urbar Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk		Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000156	Lawrence Lake Project Planning - Olsen/Emil Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include new inlets and laterals, and upsizing existing laterals and trunk line through the outfall. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter, Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000157	Lawrence Lake Project Planning - SW 26th Avenue Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include adding multiple inlets and laterals and connecting them into an existing parallel line. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter, Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000158	Wild Horse Lake Improvement (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Wild Horse Lake. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000159	McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (2A) (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include the interceptor and inlets and parallel storm drain to direct flow into the existing storm drain system. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11090105, 11120103	110901050308, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000160	McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (2B) (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include inlets and capacity, including extending the storm drain to tie into the Catalpa storm drain and outfall. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11090105, 11120103	110901050308, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000161	Playa 4 Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120102, 11120103	111201020303, 111201030101	Palo Duro, Upper Prairie Dog Town Fork Red	Watershed Planning	2.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$431,000	None	87	87	280	0	0	0	2.1	51.5	2006	2010
011000162	McDonald Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Watershed Planning	1.9	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$282,000	None	13	11	66	0	0	0	4.4	1.0	2006	2010
011000163	Playa 8 Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120102, 11120103	111201020303, 111201030101	Palo Duro, Upper Prairie Dog Town Fork Red	Watershed Planning	1.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$284,000	None	7	5	35	0	0	0	1.2	53.9	2006	2010
011000164	Lawrence Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP	01000001, 01000002	Potter, Randall	11090105, 11120103	110901050308, 110901050402, 111201030101, 111201030106	Lake Meredith, Upper Prairie Dog Town Fork Red	Watershed Planning	9.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$1,000,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000165	Bennett Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101, 111201030102	Upper Prairie Dog Town Fork Red	Watershed Planning	1.3	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$195,000	None	49	21	525	0	0	0	2.9	0.0	2006	2010
011000166		Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Watershed Planning	2.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$424,000	None	1	1	4	0	0	0	2.0	57.4	2006	2010
011000167	Diamond Horseshoe Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Watershed Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$247,000	None	5	4	12	0	0	0	2.1	0.0	2006	2010
011000168	McCarty Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101, 111201030102	Upper Prairie Dog Town Fork Red	Watershed Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$923,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000169	Willow Grove Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP	01000001,	Randall	11120103	111201030101, 111201030102	Upper Prairie Dog Town Fork Red	Watershed Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$246,000	None	238	222	859	0	0	0	4.0	0.0	2006	2010
011000170	Playa 35 Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Potter	11120103	111201030107, 111201030501	Upper Prairie Dog Town Fork Red	Watershed Planning	2.9	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$420,000	None	0	0	0	0	0	0	0.6	67.8	2006	2010
011000171	Wild Horse Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP	01000001, 01000002	Potter	11090105, 11120103	110901050308, 110901050309, 110901050402, 111201030101, 111201030106	Lake Meredith, Upper Prairie Dog Town Fork Red	Watershed Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarilio	No	\$548,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000172	Pump Station Rehab (City of Amarillo)	Evaluate six current pump stations to identify improvements; selected based on stakeholder feedback	01000003, 01000004	Potter, Randall	11090105, 11120103, 11120301	110901050308, 110901050309, 110901050402, 111201030101, 111201030106, 111201030106, 111201030107, 11120301010, 111203010102	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Preparedness	101.6	Riverine and Playa	Randall, Canyon	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$125,000	None	1,703	1,382	12,344	7	6	6	102.9	212.8	2006	2010

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk		Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000173	Convert Playa ASAPP Models into ICPR (City of Amarillo)	Create Streamline Technologies ICPR Version 4 model of Amarillo Playas in order to more easily update and use models	01000001, 01000002	Potter, Randall	11090105, 11120103, 11120301	110901050308, 110901050309, 110901050402, 111201030101, 111201030102, 111201030106, 111201030107, 111203010101, 111203010102	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Watershed Planning	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$500,000	None	1,703	1,382	12,344	7	6	6	102.9	212.8	2006	2010
011000174	Bivins Lake Dam Evaluation (City of Amarillo)	Evaluate Bivins Lake and dam to determine potential modifications to enhance flood control function; selected based on USACE report and stakeholder feedback	01000001, 01000002	Randall, Deaf Smith	11120102	111201020302	Palo Duro	Project Planning	32.8	Riverine and Playa	Randall, Amarillo	Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas	No	\$250,000	None	2	1	5	o	0	0	1.8	1,041.5	2006	2010
011000175	Spring Draw Watershed Study	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP. Joint effort between Amarillo, Canyon, and Randall County	01000001, 01000002	Potter, Randall	11120102	111201020303	Palo Duro	Watershed Planning	43.9	Riverine and Playa	Potter, Randall, Canyon	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Amarillo, Canyon	No	\$499,000	None	52	49	134	0	1	1	5.1	858.4	2006	2010
011000176	Tributary to West Amarillo Creek Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Potter, Randall	11090105, 11120103	110901050308, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Watershed Planning	11.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$1,000,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010
011000177	Canyon Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects, with a focus on downtown Canyon. Project identified from HMAP	01000001, 01000002, 01000005, 01000006	Randall	11120101, 11120102, 11120103	111201010609, 111201020303, 111201020304, 111201030101	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Watershed Planning	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$250,000	None	206	193	1,265	0	7	7	15.0	150.3	2006	2010
011000178	Improve Storm Water Drainage and Control Systems (City of Canyon)	Initiate a centralized data collection program to identify recurring flooding locations based on citizen complaints and road maintenance logs; selected based on stakeholder feedback	01000002, 01000005,	Randall	11120101, 11120102, 11120103	111201010609, 111201020303, 111201020304, 111201030101	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Other	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$50,000	None	206	193	1,265	0	7	7	15.0	150.3	2006	2010
011000179	Detailed Hydrologic	Perform a detailed H&H study of the Wichita River watershed with a focus on the area in and around Wichita Falls; selected based on stakeholder feedback	01000001, 01000002	Wichita, Foard, Cottle, Motley, Wilbarger, Knox, King, Dickens, Baylor, Archer	11130204, 11130205, 11130206, 11130207	-	North Wichita, South Wichita, Wichita, Wichita	Watershed Planning	3174.1	Riverine and Playa	Wichita Falls		No	\$528,000	None	2,818	1,951	10,390	28	123	178	182.0	271,232.7	2018	2021
011000180	Improve Creek Crossing (City of Palisades)	Evaluate proposed improvements (upgrade bridge and increase channel flow) to current crossing to develop a cost, quantify benefits, evaluate impacts, and begin design. Project identified from survey response.	01000005, 01000006	Randall	11120103	111201030102, 111201030103	Upper Prairie Dog Town Fork Red	Project Planning	0.5	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Timbercreek Canyon	No	\$250,000	None	45	31	73	1	1	1	1.5	0.5	2006	2010
011000181	Clay County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Clay	11130102, 11130201, 11130206, 11130209	-	Blue-China, Farmers-Mud, Wichita, Wichita	Watershed Planning	985.0	Riverine	Clay	Montague, Clay, Wichita, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Henrietta, Petrolia, Bellevue, Byers, Dean, Windthorst, Scotland, Jolly	No	\$500,000	None	128	0	315	0	64	122	63.9	94,917.6	2021	None
011000182	Baylor County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Baylor	11130204, 11130206, 11130207, 11130209	-	North Wichita, Wichita, Southern Beaver, Southern Beaver	Watershed Planning	506.1	Riverine and Playa	Baylor	Wichita, Foard, Wilbarger, Knox, Baylor, Archer, Nortex Regional Planning Commission, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Seymour	No	\$500,000	None	64	6	21	0	0	0	3.9	45,083.9	None	None
011000183	Culverts: Various Locations (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to culverts. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000189	Wichita County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on stakeholder feedback.	01000001, 01000002, 01000005, 01000006	Wichita	11130102, 11130206, 11130207, 11130209	-	Blue-China, Wichita, Southern Beaver, Southern Beaver	Watershed Planning	617.3	Riverine and Playa	Wichita	Clay, Wichita, Wilbarger, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Archer County MUD 1, Wichita County Water Improvement District 2, Burkburnett, Electra, Pleasant Valley, Iowa Park, Wichita Falls, Cashion Community, Lakeside City	No	\$500,000	None	3,986	2,926	15,949	72	170	267	193.1	49,700.4	1989	2010
011000190	Randall County Culvert Evaluations	Evaluate culverts and low water crossings for capacity and recommend alternatives for improvements. Locations specified by the county; selected based on stakeholder feedback.	01000001, 01000002, 01000005, 01000006	Randall	11090105, 11120101, 11120102, 11120103, 11120104, 11120301	-	Lake Meredith, Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red, Tule, Upper North Fork Red	Project Planning	922.3	Riverine and Playa	Randall	Carson, Potter, Oldham, Swisher, Castro, Armstrong, Randali, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Llano Estacado Water District, Randall County MUD 1, Amarillo, Happy, Palisades, Timbercreek Canyon, Canyon, Lake Tanglewood	No	\$120,000	None	1,781	1,476	6,820	21	20	20	152.7	32,847.9	2006	2010

# Appendix D-3 | D-3.2

**Table 13** – Potentially Feasible Flood Mitigation ProjectsIdentified by RFPG

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FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100-year flood risk	Estimated	facilities at 100- year flood risk	low water crossings at	Estimated number of road closures (#)	roads at 100- year flood risk	Estimated farm & ranch land at 100- year flood risk (acres)
013000001	T-Anchor Lake Watershed Drainage Improvements	Four phase playa excavation project, pump station relocation and construction of storm sewer improvements along Ross-Osage Street and Southeast 10th Street to provide 100-year flood protection	01000003, 01000004	Potter	111201030106	Upper Prairie Dog Town Fork Red	Infrastructure	4.15	Localized and Playa	Amarillo	Potter	No	\$31,300,000	Amarillo Drainage Utility Fee,\$ 0	0.25	0.09	407	407	1221	0	2	10	2.9	0.0
013000002	Rhea Road Drainage Project	The proposed improvements include the installation of a storm drain system along north on Rhea Road that would eliminate structure flooding in the 100-year storm event.	01000003, 01000004	Wichita	111302060304	Wichita	Storm Drain	0.33	Localized	Wichita Falls	Wichita	No	\$2,995,000	Wichita Falls Stormwater Utility Fees, \$2,664,460	0.02	0.02	27	26	81	1	0	0	0.3	0.0
013000003	Brenda Hursh Enhancement Project (City of Wichita Falls)	Install a bypass system that will intercept flow from Brenda Hursh Creek and Brenda Hursh Channel at their respective Weeks Street Road crossings and convey the runoff to the west through a proposed pipe system	01000003, 01000004, 01000013	Wichita	111302060304	Wichita	Infrastructure	1.68	Riverine	Wichita Falls	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita Falls	No	\$4,151,000	Wichita Falls Stormwater Utility Fee, \$4,151,000	0.28	0.13	114	114	342	0	4	4	3.5	0.0
013000004	Diversion Channel through Golf Course	Construct a vegetated diversion channel with a narrow meandering pilot channel in the bottom in the area of the existing channel.	01000003, 01000004	Randall	111201020304	Palo Duro	Infrastructure	1.20	Riverine and Playa	Canyon	Randall	No	-	-, -	0.46	0.13	156	152	976	0	6	6	6.8	25.6
013000005	Flood Walls Through the Golf Course Area for Isolated Groups of Structures			Randall	111201020304	Palo Duro	Infrastructure	0.92	Riverine and Playa	Canyon	Randall	No	÷	-, -	0.44	0.11	154	150	972	0	6	6	6.5	25.0
013000006	Dredging of Palo Duro Creek and Tierra Blanca Creek	Remove sediment deposits left behind form previous flooding events to increase channel capacity.	01000003, 01000004	Randall	111201010608, 111201010609, 111201020303, 111201020304, 111201030101, 111201030102	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Infrastructure	8.39	Riverine and Playa	Canyon	Randall	No	-		4.81	0.80	224	188	1089	0	9	9	17.1	1518.1
013000007	Modify Golf Course Pond Dam, Spillway, and Channel		01000003, 01000004	Randall	111201010609, 111201020304	Tierra Blanca, Palo Duro	Infrastructure	0.83	Riverine and Playa	Canyon	Randall	No	-	5-	0.44	0.12	156	152	976	0	6	6	5.3	24.1
013000008	Upstream Detention Pond	pond dam on the northeast corner of the golf course Two potential detention facilities were identified upstream of the Canyon City Golf course. One is immediately upstream of FM 2590 and the other is upstream of the Canyon City Country Club where at ributary to Palo Duro Creek comes in from the north.	01000003, 01000004	Randall	111201020304	Palo Duro	Infrastructure	4.84	Riverine and Playa	Canyon	Randall	No	-	-y	1.83	0.40	191	180	1199	0	6	6	8.5	619.2
013000009	Bivins Lake Modifications for Flood Control	Modify Bivins Lake to provide flood storage above the City of Canyon and operate essentially as a dry structure.	01000003, 01000004	Randall	111201020302	Palo Duro	Infrastructure	0.97	Riverine and Playa	Canyon	Randall	No	-	-, -	0.38	0.08	0	0	0	0	0	0	0.0	33.0
013000010	Bivins Dam Rehabilitation with Diversion Channel	Combine strategies to modify Bivins Lake and construct the enlarged channel through the Canyon City Golf Course area	01000003, 01000004	Randall	111201010609, 111201020301, 111201020302, 111201020304	Tierra Blanca, Palo Duro	Infrastructure	5.79	Riverine and Playa	Canyon	Randall	No	-	57	2.12	0.49	188	175	1014	0	6	6	8.0	681.5
013000011	Adrian Avenue Drainage Project (City of Wichita Falls)	The proposed project would be to build an additional concrete flume north of 1802 Adrian Drive into Seabury Lake	01000003, 01000004	Wichita	111302060407	Wichita	Infrastructure	0.01	Riverine	Wichita Falls	Wichita	No	-	-, -	0.00	0.00	0	0	0	0	0	0	0.0	0.0
013000012	City of Canyon Flood Mitigation Project	The proposed improvements include upstream and midstream detention ponds, channel enlargements and low water crossings improvements to reduce flooding in the residential area near Palo Duro Creek Golf Course.	01000003, 01000004	Randall	111201020304	Palo Duro	Other	0.61	Riverine	Canyon	Canyon	No	\$37,238,000	-, -	0.34	0.38	106	106	318	0	3	0	1.1	0.0
013000013	Wichita Gardens Drainage Improvements	The proposed improvements include for the installation of concrete curb and gutter throughout entire development in order to install a storm drain system with curb inlets and a trunk line that runs to an outfall at the Wichita River.	01000003, 01000004	Wichita	111302060407	Wichita	Storm Drain	0.22	Localized	Wichita Falls	Wichita Falls	No	\$10,008,000	Wichita Falls Stormwater Utility Fees, \$7,833,106	0.00	0.05	100	100	300	0	0	0	2.4	0.0
013000014	Briargate Drainage Reconstruction Project (City of Wichita Falls)	Evaluate project to quantify benefits, evaluate impacts and begin design. The proposed project would construct a five-acre detention pond. Project identified from 2011 Wichita Falls DMP.	01000003, 01000004	Wichita	111302060303	Wichita	Infrastructure	0.63	Riverine	Wichita Falls	Wichita	No	\$1,595,000	-, -	0.05	0.02	33	31	75	0	0	0	0.3	0.0
013000015	Echo/Neta Lane Drainage Project	Install a storm drain system with curb and gutter along Jacksboro Highway beginning south of Echo Lane and reaching north to Norman Street.	<sup>g</sup> 01000003, 01000004	Wichita	111302060304	Wichita	Storm Drain	0.27	Localized	Wichita Falls	Wichita	No	\$2,853,000	Wichita Falls Stormwater Utility Fees, \$2,537,968	0.01	0.01	18	10	54	0	0	0	0.1	0.0
013000016	Hirschi - Huskie Drainage Project (City of Wichita Falls)	Extend the existing storm drain system on Huskie Drive to reach to the north and south on Hirschi Lane. Additionally, acquire properties along the north side of Iowa Park Road between Hirschi Lane and Ridgeway Drive.	01000003, 01000004	Wichita	111302060407	Wichita	Storm Drain	0.04	Localized	Wichita Falls	Wichita	No	\$632,000	Wichita Falls Stormwater Utility Fees, \$562,666	0.01	0.01	35	35	105	0	0	0	0.3	0.0
013000017	Landon, Duty and Sunset St Drainage Project	The proposed solution is be a combination of curb and gutter street improvements for Duty Lane, Landon Road, and Sunset Lane south of Duty Lane.	01000003, 01000004	Wichita	111302060407	Wichita	Storm Drain	0.05	Localized	Wichita Falls	Wichita	No	\$2,120,000	Wichita Falls Stormwater Utility Fees, \$1,885,950	0.03	0.03	43	43	129	0	0	0	0.3	0.0
013000018	Spanish Trace Drainage Project	The proposed improvements include re-grading of an abandoned irrigation canal to convey flow north towards Johnson Road, connecting to the existing torm sewer system.		Wichita	111302060303	Wichita	Storm Drain	0.05	Localized	Wichita Falls	Wichita	No	\$1,043,000	Wichita Falls Stormwater Utility Fees, \$927,481	0.00	0.00	8	8	24	0	0	0	0.0	0.0
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		Reduction in Flood Risk																					
FMP ID	FMP Name	Number of structures with reduced 100yr (1% annual chance) Flood risk		Number of structures removed from 500yr (0.2% annual chance) Flood risk	Residential structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	from 100yr (1% annual	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences		Estimated farm & ranch land removed from 100y flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Pre-Project Level-of-Service	Post-Project Level- of-Service	Cost/ Structure removed	Percent Nature- based Solution (by cost)	Negative Impac (Y/N)	ct Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	r Benefit-Cost Ratic
013000001	T-Anchor Lake Watershed Drainage Improvements	10	397	0	397	1191	0	0	10	0	0	1	Not Available	10% annual	1% annual	\$78,816	0	No	No	0.90	No	-	1.7
013000002	Rhea Road Drainage Project	0	27	0	26	81	1	0	0	0	0	Not Available	Not Available	>50% annual	1% annual	\$110,929	0	No	No	0.60	No	0	1.1
013000003	Brenda Hursh Enhancement Project (City of Wichita Falls)	7	64	-	64	192	0	0	0	1	0	Not Available	Not Available	50% annual	2% annual	\$64,865	8.5	No	Yes	0.17	No	-	1.1
013000004	Diversion Channel through Golf Course	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.29	No	-	-
013000005	Flood Walls Through the Golf Course Area for Isolated Groups of Structures	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.29	No	-	-
013000006	Dredging of Palo Duro Creek and Tierra Blanca Creek	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.26	No	-	-
013000007	Modify Golf Course Pond Dam, Spillway, and Channel	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.29	No	-	-
013000008	Upstream Detention Pond	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.24	No	-	-
013000009	Bivins Lake Modifications for Flood Control	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.24	No	-	-
013000010	Bivins Dam Rehabilitation with Diversion Channel	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.24	No	-	-
013000011	Adrian Avenue Drainage Project (City of Wichita Falls)	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.58	No	-	-
013000012	City of Canyon Flood Mitigation Project	79	27	6	27	81	0	3	3	0	0	Not Available	Not Available	>50% annual	50% annual	\$1,379,176	0	No	No	0.53	No	1232	0.5
013000013	Wichita Gardens Drainage Improvements	0	100	0	100	252	0	0	0	2	0	Not Available	Not Available	>50% annual	0.2% annual	\$100,082	0	No	No	0.63	No	0	3.1
013000014	Briargate Drainage Reconstruction Project (City of Wichita Falls)	-	-	-	-	-	-	-		-	-	Not Available	Not Available	-	-	-	-	-	No	0.36	No	-	-
013000015	Echo/Neta Lane Drainage Project	4	14	0	14	42	0	0	0	0	0	Not Available	Not Available	>50% annual	50% annual	\$203,779	0	No	No	0.24	No	0	3.7
013000016	Hirschi - Huskie	0	35	0	35	105	0	0	0	0	0	Not Available	Not Available	>50% annual	1% annual	\$18,071	0		No	0.76	No	0	0.8
013000017	Landon, Duty and Sunset St Drainage Project	2	41	0	41	123	0	0	0	0	0	Not Available	Not Available	>50% annual	10% annual	\$51,707	0	No	No	0.76	No	0	10.6
013000018	Spanish Trace Drainage Project	0	8	0	8	24	0	0	0	0	0	Not Available	Not Available	>50% annual	1% annual	\$130,322	0	No	No	0.51	No	0	1.2

## Appendix D-3 | D-3.3

**Table 14** – Potentially Feasible Flood ManagementStrategies Identified by RFPG

																			Flood	Risk				
FMS ID F	FMS Name	Description	Associated Goals (ID)	Counties	HUC10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Total Strategy Cost (\$)	Potential Funding Sources and Amount		Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk			Number of low water crossings at flood risk (#)			Estimated active farm & ranch land at flood risk (acres)
012000001 Crea	ity of Canyon eate Floodplain Ordinances	Establish drainage criteria	01000003, 01000004	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, & Palo Duro, Upper Prairie Dog Town Fork Red	Regulatory and Guidance	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon		\$100,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
	Quitaque NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Briscoe	1113010302, 1113010303	North Pease	Regulatory and Guidance	0.7	Riverine and Playa	Quitaque	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Quitaque		\$100,000	None	0.03	0.02	2	0	0	0	0	o	0	0.29
	Dean NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Clay	1113020605, 1113020905	Wichita, Little Wichita	Regulatory and Guidance	1.5	Riverine	Dean	Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Dean	No	\$100,000	None	0.09	0.02	3	0	2	0	1	2	0	6.43
	Jolly NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Clay	1113020905	Little Wichita	Regulatory and Guidance	1.4	Riverine	yllot	Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Dean, Jolly	No	\$100,000	None	0.06	0.01	3	0	10	0	2	3	1	10.22
	Nobeetie NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Wheeler	1112030202	Middle North Fork Red	Regulatory and Guidance	0.9	Riverine	Mobeetie	Wheeler, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Mobeetie	No	\$100,000	None	0.12	0.02	1	0	0	0	0	0	0	1.91
	Hedley NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Donley	1112010504, 1112020201	Lower Prairie Dog Town Fork Red, Lower Salt Fork Red	Regulatory and Guidance	0.7	Riverine	Hedley	Donley, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Hedley	No	\$100,000	None	0.03	0.01	2	0	137	0	0	0	0	2.44
	Nazareth NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Castro	1112010402	Tule	Regulatory and Guidance	0.3	Playa	Nazareth	Castro, Panhandle Regional Planning Commission, Red River Authority of Texas, Nazareth	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.00
012000008	exhoma NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Sherman	1110010108, 1110010304	Upper Beaver, Coldwater	Regulatory and Guidance	1.9	Riverine	Texhoma	Sherman, Panhandle Regional Planning Commission, Texhoma	No	\$100,000	None	0.09	0.07	0	0	0	0	0	0	0	1.78
	akeview NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hall	1112010502	Lower Prairie Dog Town Fork Red	Regulatory and Guidance	0.2	Riverine	Lakeview	Hall, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Lakeview	No	\$100,000	None	0.04	0.02	10	3	4	0	0	0	1	2.48
	Estelline NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hall	1112010503	Lower Prairie Dog Town Fork Red	Regulatory and Guidance	0.8	Riverine	Estelline	Hall, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Estelline	No	\$100,000	None	0.04	0.01	0	0	0	0	0	0	0	0.07
	itratford NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Sherman	1110010302, 1110010304	Coldwater	Regulatory and Guidance	1.8	Riverine	Stratford	Sherman, Panhandle Regional Planning Commission, Stratford	No	\$100,000	None	0.00	0.01	0	0	0	0	0	0	0	0.00
	indthorst NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Clay, Archer	1113020903	Little Wichita	Regulatory and Guidance	2.3	Riverine	Windthorst	Clay, Archer, Nortex Regional Planning Commission, Red River Authority of Texas,	No	\$100,000	None	0.05	0.02	0	0	0	0	0	0	0	0.59
012000013	Bellevue NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Clay	1113020102, 1113020904	Farmers-Mud, Little Wichita	Regulatory and Guidance	0.9	Riverine	Bellevue	Windthorst Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Bellevue	No	\$100,000	None	0.02	0.01	0	0	0	0	0	0	0	2.79
	Adrian NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Oldham	1109010107	Middle Canadian- Trujillo	Regulatory and Guidance	0.8	Riverine and Playa	Adrian	Oldham, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Adrian		\$100,000	None	0.01	0.00	0	0	0	0	0	0	0	0.89
012000015	Cashion NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Wichita	1113010203, 1113020605	Blue-China, Wichita	Regulatory and Guidance	1.8	Riverine	Cashion Community	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Burkburnett, Cashion	No	\$100,000	None	0.06	0.01	0	0	0	0	0	0	0	5.85
	Dodson NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Collingsworth	1113010103	Groesbeck-Sandy	Regulatory and Guidance	0.6	Riverine	Dodson	Community Collingsworth, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Dodson	No	\$100,000	None	0.06	0.02	10	5	8	0	O	o	2	0.23
	ilverton NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Briscoe	1113010301	North Pease	Regulatory and Guidance	1.0	Playa	Silverton	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Silverton	No	\$100,000	None	0.00	0.00	0	0	0	0	0	o	0	0.00
	Lockney NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Floyd	1113010302	North Pease	Regulatory and Guidance	0.2	Playa	Lockney	Floyd, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Lockney		\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.00
	hillicothe NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hardeman	1113010104	Groesbeck-Sandy	Regulatory and Guidance	1.0	Riverine	Chillicothe	Hardeman, Nortex Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Chillicothe	No	\$100,000	None	0.06	0.02	0	0	0	0	0	0	0	0.23

FMS ID	Number of structures with reduced 100yr (1% annual chance) Flood	Number of structures removed from 100yr (1% annual chance	Number of structures removed from 500yr (0.2% annual chance)	Habitable structures removed from 100yr (1% annual chance)	Estimated Population removed from 100yr (1% annual chance)		n in Flood Risk Number of low water crossings removed from 100yr (1% annual	Estimated reduction in road	Estimated length of roads removed from 100yr flood risk	Estimated active farm & ranch land removed from 100yr flood risk	Estimated reduction in fatalities (if	Estimated reduction in injuries	Cost/ Structure Removed	Consideration of Nature based Solution (Y/N)	<sup>3-</sup> Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
	risk	Flood risk	Flood risk	Flood risk	Flood risk	chance) Flood risk (#)	chance) Flood risk (#)	closure occurrences	(Miles)	(acres)	available)	(if available)					
012000001	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000002	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000003	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000004	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000005	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000006	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000007	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000008	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000009	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000010	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000011	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000012	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000013	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000014	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000015	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000016	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000017	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000018	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000019	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No

																			Flood	d Risk				
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Total Strategy Cost (\$)	Potential Funding Sources and Amount		Area in 500yr (0.29 annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)			Estimated active farm & ranch land at flood risk (acres)
012000020	Vega NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Oldham	1109010501, 1112010202	Lake Meredith, Palo Duro	Regulatory and Guidance	1.1	Riverine	Vega	Oldham, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Vega	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.28
012000021	McLean NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Gray	1112030102, 1112030401	Upper North Fork Red, Elm Fork Red	Regulatory and Guidance	1.2	Riverine	McLean	Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, McLean	No	\$100,000	None	0.07	0.02	24	16	38	1	0	0	2	1.97
012000022	Stinnett NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Hutchinson	1109010601	Middle Canadian- Spring	Regulatory and Guidance	2.0	Riverine	Stinnett	Hutchinson, Panhandle Regional Planning Commission, Red River Authority of Texas, Stinnett	No	\$100,000	None	0.10	0.03	67	o	37	o	1	1	3	1.68
012000023	Sanford NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Hutchinson	1109010601	Middle Canadian- Spring	Regulatory and Guidance	0.2	Riverine	Sanford	Hutchinson, Panhandle Regional Planning Commission, Red River Authority of Texas, Sanford	No	\$100,000	None	0.00	0.00	0	0	0	0	o	0	0	2.71
012000024	Follett NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Lipscomb	1110020302, 1110020304	Lower Wolf	Regulatory and Guidance	1.0	Riverine	Follett	Lipscomb, Panhandle Regional Planning Commission, Red River Authority of Texas, Follett	No	\$100,000	None	0.05	0.01	1	0	1	0	0	0	0	1.49
012000025	Perryton NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Ochiltree	1110020102, 1110020103	Lower Beaver	Regulatory and Guidance	4.4	Riverine and Playa	Perryton	Ochiltree, Panhandle Regional Planning Commission, Perryton	No	\$100,000	None	0.43	0.40	304	145	193	0	0	0	7	18.13
012000026	Miami NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Roberts	1109010606	Middle Canadian- Spring	Regulatory and Guidance	1.8	Riverine	Miami	Roberts, Panhandle Regional Planning Commission, Red River Authority of Texas, Miami	No	\$100,000	None	0.55	0.08	35	0	12	0	0	0	2	138.99
012000027	Skellytown NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Carson	1109010603	Middle Canadian- Spring	Regulatory and Guidance	0.5	None	Skellytown	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Skellytown	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.00
012000028	Claude NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Armstrong	1112010305	Upper Prairie Dog Town Fork Red	Regulatory and Guidance	1.7	Riverine and Playa	Claude	Armstrong, Panhandle Regional Planning Commission, Red River Authority of Texas, Claude	No	\$100,000	None	0.01	0.00	0	0	0	0	0	0	0	0.00
012000029	Matador NFIP Involvement	Application to NFIP or adop equivalent stand	01000009, 01000010	Motley	1113010404	Middle Pease	Regulatory and Guidance	1.4	Riverine	Matador	Motley, South Plains Association of Governments, Red River Authority of Texas, Matador Water District, Matador	No	\$100,000	None	0.11	0.02	8	0	8	0	0	0	1	0.57
012000030	Cottle County NFIP Involvement	Application to NFIP or adop equivalent stanc	01000009, 01000010	Cottle	1113010101, 1113010304, 1113010305, 1113010403, 1113010404, 1113010405, 1113010501, 1113020401, 1113020402	Groesbeck-Sandy, North Pease, Middle Pease, Pease, North Wichita	Regulatory and Guidance	899.7	Riverine and Playa	Cottle	Cottle, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Paducah	No	\$100,000	None	122.02	19.33	7	1	0	0	5	5	33	71,380.67
012000031	Hardeman County NFIP Involvement		01000009, 01000010	Hardeman	1112010505, 1113010101, 1113010102, 1113010104, 1113010106, 1113010501, 1113010502	Lower Prairie Dog Town Fork Red, Groesbeck- Sandy, Pease	Regulatory and Guidance	695.6	Riverine and Playa	Hardeman	Hardeman, Nortex Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Chillicothe, Quanah	No	\$100,000	None	97.32	19.06	43	3	64	0	6	6	54	59,006.80
012000032	Knox County NFIF Involvement	Application to , NFIP or adop equivalent stanc	01000009, 01000010	Knox	1113020402, 1113020403, 1113020502, 1113020601		Regulatory and Guidance	421.0	Riverine and Playa	Кпох	Knox, Nortex Regional Planning Commission, South Plains Association of Governments, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Knox County WCID 1		\$100,000	None	70.63	12.98	7	0	1	0	0	0	5	42,191.00
012000033	Carson County NFIP Involvement		01000009, 01000010	Carson	1109010504, 1109010507, 1109010601, 1109010602, 1109010603, 1109010606, 1112010305, 1112020101, 1112030101, 1112030102, 1112030103	Lake Meredith, Middle Canadian-Spring, Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Regulatory and Guidance	925.2	Riverine and Playa	Carson	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, White Deer, Skellytown, Panhandle, Groom	No	\$100,000	None	85.96	19.45	87	43	190	4	10	12	36	43,317.90
012000034	Hemphill County NFIP Involvement		01000009, 01000010	Hemphill	1109010606, 1109010607, 1109010608, 1109020101, 1110020301, 1112030202, 1113030101, 1113030102	Middle Canadian- Spring, Lower Canadian Deer, Lower Wolf, Middle North Fork Red, Washita Headwaters	Guidance	914.0	Riverine and Playa	Hemphill	Hemphill, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian	No	\$100,000	None	136.28	23.44	101	0	76	0	6	6	30	77,405.32
012000035	Roberts County NFIP Involvement		01000009, 01000010	Roberts	1109010603, 1109010604, 1109010605, 1109010606, 1109010607, 1112030202, 1113030101	Middle Canadian- Spring, Middle North Fork Red, Washita Headwaters	Regulatory and Guidance	925.4	Riverine and Playa	Roberts	Roberts, Panhandle Regional Planning Commission, Red River Authority of Texas, Roberts County FWSD 1, Miami	No	\$100,000	None	150.53	21.83	90	1	15	2	5	5	21	91,030.60
012000036	Hutchinson County NFIP Involvement	Application to NFIP or adop equivalent stanc	01000009, 01000010	Hutchinson	1109010506, 1109010507, 1109010601, 1109010602, 1109010603, 1109010604, 1110010401, 1110010402, 1110010403, 1110020201			896.9	Riverine and Playa	Hutchinson	Hutchinson, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Borger, Fritch, Sanford, Stinnett	No	\$100,000	None	121.44	27.93	428	0	552	2	10	10	30	70,011.99

FMS ID	Number of structures with reduced 100yr (1% annual chance) Flood	from 100yr (1% annual chance)	from 500yr (0.2% annual chance)	from 100yr (1% annual chance)	from 100yr (1% annual chance)	Critical facilities removed from 100yr (1% annual	removed from 100yr (1% annual	Estimated reduction in road closure occurrences		Estimated active farm & ranch land removed from 100yr flood risk	Estimated reduction in fatalities (if available)	F Estimated reduction in injuries (if available)	Cost/ Structure Removed	Consideration of Nature- based Solution (Y/N)	Impact (Y/N) Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
012000020	risk 0	Flood risk	Flood risk	Flood risk	Flood risk	chance) Flood risk (#)	chance) Flood risk (#) 0	0	(Miles) 0	(acres) 0	Not Available	Not Available	Not Applicable	No	No No	No
012000021	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000022	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000023	0	0	0	o	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000024	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000025	0	0	0	o	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000026	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000027	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000028	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000029	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000030	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000031	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000032	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000033	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000034	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000035	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No
012000036	0	0	O	o	O	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No No	No

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FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Total Strategy Cost (\$)		annual chance)	Area in 500yr (0.2% annual chance)	structures at 100yr	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk		roads at flood risk	Estimated active farm & ranch land at flood
012000037	Moore County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Moore	1109010502, 1109010503, 1109010505, 1109010506, 1109010507, 1110010401, 1110010402	Lake Meredith, Palo Duro	Regulatory and Guidance	911.5	Riverine and Playa	Moore	Moore, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Cactus, Dumas, Sunray, Fritch	No	\$100,000	None	Floodplain 75.04	Floodplain 19.64	flood risk 75	27	228	4	10	13	(Miles) 29	risk (acres) 38,661.18
012000038	Hartley County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hartley	1109010101, 1109010102, 1109010106, 1109010107, 1109010203, 1109010204, 1109010205, 1109010206, 1109010205, 1109010304, 1109010305, 1109010502, 1109010505, 1110010404, 1109010505, 1110010303, 1110010401, 1110010402	Middle Canadian- Trujillo, Punta de Agua, Rita Blanca, Carrizo, Lake Meredith, Coldwater & Palo Duro	Regulatory and Guidance	1,466.1	Riverine and Playa	Hartley	Hartley, Panhandle Regional Planning Commission, Red River Authority of Texas, Channing, Dalhart	No	\$100,000	None	148.17	49.84	111	65	209	5	61	63	83	91,162.87
012000039	Briscoe County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Briscoe	1112010303, 1112010304, 1112010306, 1112010405, 1112010406, 1112010501, 1113010301, 1113010302, 1113010303	Upper Prairie Dog Town Fork Red, Tule, Lower Prairie Dog Town Fork Red, North Pease	Regulatory and	901.4	Riverine and Playa	Briscoe	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Mackenzie Municipal Water Authority, Greenbelt Municipal & Industrial Water Authority, Quitaque, Silverton	No	\$100,000	None	119.86	23.44	36	0	11	0	2	2	45	64,354.15
012000040	Donley County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Donley	1112010304, 1112010306, 1112010502, 1112010503, 1112010504, 1112020101, 1112020102, 1112020201, 1112030102, 1112030401	Upper Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red, Upper Salt Fork Red, Lower Salt Fork Red, Upper North Fork Red, Elm Fork Red		933.0	Riverine and Playa	Donley	Donley, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Hedley, Clarendon, Howardwick	No	\$100,000	None	127.68	19.07	219	18	525	2	9	9	46	76,552.17
012000041	Armstrong County NFIP Involvement		01000009, 01000010	Armstrong	1112010301, 1112010302, 1112010303, 1112010304, 1112010305, 1112010306, 1112020101, 1112030102	Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Regulatory and	912.0	Riverine and Playa	Armstrong	Armstrong, Panhandle Regional Planning Commission, Red River Authority of Texas, Claude	No	\$100,000	None	108.48	17.44	24	0	3	o	14	27	25	56,990.49
012000042	Deaf Smith County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Deaf Smith	1109010103, 1109010104, 1109010105, 1109010107, 1112010102, 1112010104, 1112010105, 1112010106, 1112010201, 1112010202, 1112010203, 1112010401, 1112010403	Middle Canadian- Trujillo, Tierra Blanca, Palo Duro, Tule	Regulatory and Guidance	1,497.9	Riverine and Playa	Deaf Smith	Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Deaf Smith County FWSD 1, Hereford	No	\$100,000	None	100.65	30.09	120	45	271	0	18	25	76	54,135.30
012000043	Wheeler County NFIP Involvement		01000009, 01000010	Wheeler	1112020201, 1112030102, 1112030201, 1112030202, 1112030203, 1112030401, 1113030101, 1113030102	Lower Salt Fork Red, Upper North Fork Red, Middle North Fork Red, Elm Fork Red, Washita Headwaters		916.0	Riverine and Playa	Wheeler	Wheeler, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Greenbelt Municipal & Industrial Water Authority, Mobeetie, Shamrock, Wheeler	No	\$100,000	None	115.18	21.97	191	71	154	4	4	4	65	70,021.96
012000044	Sherman County NFIP Involvement		01000009, 01000010	Sherman	1110010108, 1110010302, 1110010303, 1110010304, 1110010305, 1110010401, 1110010402, 1110010403	Upper Beaver, Coldwater, Palo Duro	Regulatory and Guidance	926.1	Riverine and Playa	Sherman	Sherman, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Cactus, Stratford, Texhoma	No	\$100,000	None	71.99	29.51	21	0	13	3	9	10	57	44,312.85
012000045	Dallam County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Dallam	1109010205, 1109010301, 1109010302, 1109010303, 1109010304, 1109010305, 1109010403, 1109010404, 1110010106, 1110010108, 1110010301, 1110010302, 1110010303, 1110010304, 1110010401	Punta de Agua, Rita Blanca, Carrizo, Upper Beaver, Coldwater, Palo Duro		1,510.5	Riverine and Playa	Dallam	Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart, Texline	No	\$100,000	None	147.88	64.63	890	656	871	2	22	22	178	91,033.79
012000046	Lipscomb County NFIP Involvement		01000009, 01000010	Lipscomb	110010607, 1109010608, 1109020101, 1110020102, 1110020103, 1110020104, 1110020106, 111002002, 1110020303, 1110020301, 1110020302, 1110020304	Middle Canadian- Spring, Lower Canadian- Deer, Lower Beaver, Upper Wolf, Lower Wolf	Regulatory and Guidance	936.3	Riverine and Playa	Lipscomb	Lipscomb, Panhandle Regional Planning Commission, Red River Authority of Texas, Follett, Darrouzett, Higgins, Booker	No	\$100,000	None	105.73	16.56	100	9	33	0	6	6	20	66,275.21
012000047	Ochiltree County NFIP Involvement		01000009, 01000010	Ochiltree	1109010604, 1109010605, 1109010607, 1110010205, 1110010405, 1110020101, 1110020102, 1110020103, 1110020105, 1110020201, 1110020202, 1110020203	Middle Canadian- Spring, Middle Beaver, Palo Duro, Lower Beaver, Upper Wolf	Regulatory and Guidance	922.5	Riverine and Playa	Ochiltree	Ochiltree, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Booker, Perryton	No	\$100,000	None	89.45	29.76	369	161	244	1	1	1	31	48,149.86
012000048	Region-Wide Turn Around/Don't Drown	Educate public on Turn Around/Don't Drown program	01000005, 01000006	-	-	-	Education and Outreach	34,626.1	Riverine and Playa	Panhandle Regiona Planning Commission	Commission	No	\$100,000	None	4305.26	929.55	11,544	6,885	26,657	160	803	1,250	2,299	2,425,093.47
012000049	Region-Wide Public Awareness	Educate public on flood safety	01000005, 01000006	-	-	-	Education and Outreach	34,626.1	Riverine and Playa	Panhandle Regiona Planning Commission	Panhandle Regional Planning Commission	No	\$100,000	None	4305.26	929.55	11,544	6,885	26,657	160	803	1,250	2,299	2,425,093.47
012000050	City of Amarillo Update Stormwater Criter ia	recommendations		Potter, Randall	1109010503, 1109010504, 1112010301, 1112030101	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red		101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$100,000	None	10.47	4.68	1,703	1,382	8,883	7	6	6	103	212.76

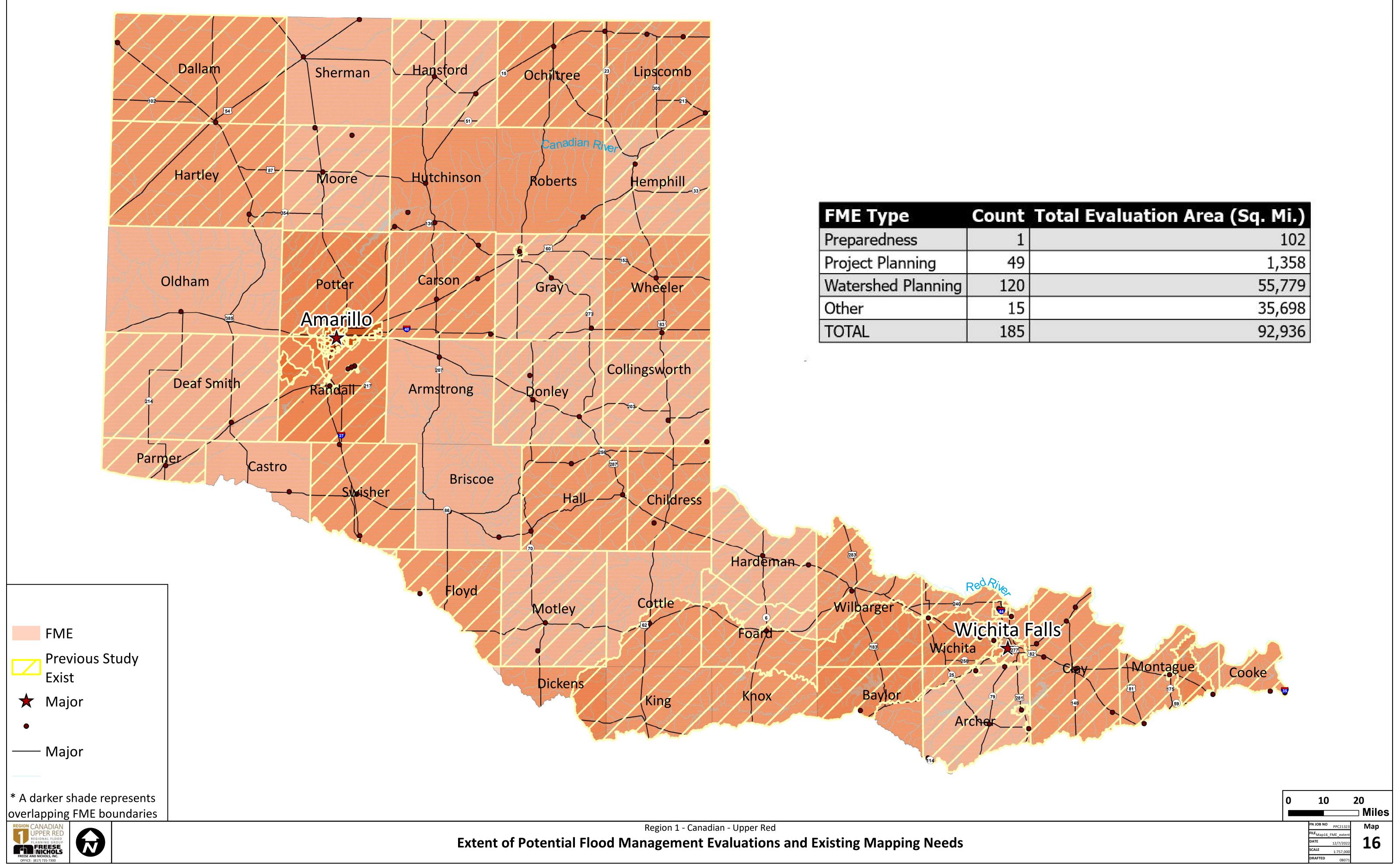
						Reductio	on in Flood Risk									T
FMS ID	Number of structures with reduced 100yr (1% annual chance) Flood	Number of structures removed from 100yr (1% annual chance)				from 100yr (1% annual	removed from 100yr (1% annual	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk	Estimated active farm & ranch land removed from 100yr flood risk	Estimated reduction in fatalities (	f Estimated reduction in injuries (if available)	Cost/ Structure Removed	Consideration of Nature- based Solution (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
	risk	Flood risk	Flood risk	Flood risk	Flood risk	chance) Flood risk (#)	chance) Flood risk (#)		(Miles)	(acres)	available)	(ii available)				
012000037	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
012000038	0	0	0	0	0	O	0	0	0	D	Not Available	Not Available	Not Applicable	No No	No	No
012000039	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
012000040	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
012000041	o	0	0	0	0	0	o	0	o	0	Not Available	Not Available	Not Applicable	No No	No	No
012000042	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
012000043	0	O	0	0	0	0	0	0	0	o	Not Available	Not Available	Not Applicable	No No	No	No
012000044	0	0	0	0	0	0	0	0	0	o	Not Available	Not Available	Not Applicable	No No	No	No
012000045	0	0	0	0	0	0	0	0	0	o	Not Available	Not Available	Not Applicable	No No	No	No
012000046	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
012000047	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
012000048	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
012000049	0	0	0	0	o	0	o	o	0	0	Not Available	Not Available	Not Applicable	No No	No	No
012000050	0	0	o	0	0	o	0	o	0	0	Not Available	Not Available	Not Applicable	No No	No	No

																			Flood	Risk				
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Total Strategy Cost (\$)	Potential Funding Sources and Amount	Area in 100yr (1% annual chance)	Area in 500yr (0.2% annual chance)	Estimated number of structures at 100yr		Estimated Population		Number of low water crossings at flood risk	Estimated number of		F Estimated active farm & ranch land at flood
043000074		Address sustainable playa development;		Detter Des dell	1109010503, 1109010504,	Lake Meredith, Upper Prairie Dog Town Fork	Regulatory and			Deside II. Amerika	Potter, Randall, Panhandle Regional Planning Commission, Red River				Floodplain	Floodplain	flood risk	at flood risk	at flood risk	flood risk (#)	(#)	road closures (#)	(Miles)	risk (acres)
012000051	for Playa Development	establish modelling standard	01000003, 01000004	Potter, Randall	1112010301, 1112030101	Red, Upper North Fork Red		101.6	Riverine and Playa	Randall, Amarillo	Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$100,000	None	10.47	4.68	1,703	1,382	8,883	7	6	6	103	212.76
012000052	City of Amarillo Gages for Playas	Install gages on playa lakes	01000001, 01000002	Potter, Randall	1109010503, 1109010504, 1112010301, 1112030101	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Flood Measurement and Warning	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	10.47	4.68	1,703	1,382	8,883	7	6	6	103	212.76
012000053	City of Amarillo Flood Warning System	Implement flood warning system in the north side of town	01000005, 01000006	Potter, Randall	1109010503, 1109010504, 1112010301, 1112030101	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Flood Measurement and Warning	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	10.47	4.68	1,703	1,382	8,883	7	6	6	103	212.76
012000054	City of Canyon Establish Stormwater Utility Fee	Perform stormwater utility rate evaluation and implement a stormwater utility fee to create a dedicated funding source for stormwater projects and storm sewer maintenance	01000011, 01000012	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Regulatory and Guidance	7.1	Riverine and Playa	Randall, Canyon	Randali, Panhandie Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$200,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000055	City of Canyon Acquire, Buyout, and Flood- Proofing Program	acquire (buy out/relocate) or elevate structures in the floodplain	01000003, 01000004	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Property Acquisition and Structural Elevation	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$6,000,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000056	City of Canyon Flood Warning Gages	Install flood warning gages to protect Canyon citizens and downstream communities	01000005, 01000006	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Flood Measurement and Warning	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$250,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000057	City of Canyon Stream and Culvert Maintenance	Perform stream and culvert maintenance	01000005, 01000006	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Other	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$100,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000058	City of Canyon Floodplain Regulation and Higher Standards (CRS)	Evaluate existing ordinances and development criteria and update as necessary to implement protective floodplain management standards and consider CRS participation	01000009, 01000010	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Regulatory and Guidance	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$100,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000059	City of Canyon Installation of LWC Gates on Flood-Prone Roadways	Barrier installation keeps the public from entering high- water areas during flooding events.	01000005, 01000006	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Infrastructure Projects	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$1,000,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000060	Wichita County Ordinance Development	Update subdivision	01000001, 01000002	Wichita	1113010201, 1113010202, 1113010203, 1113020602, 1113020603, 1113020604, 1113020605, 1113020704, 1113020905	Blue-China, Wichita, Southern Beaver & Little Wichita	Regulatory and Guidance	617.3	Riverine and Playa	Wichita	Clay, Wichita, Wilbarger, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Archer County MUD J, Wichita County Walter Improvement District 2, Burkburnett, Electra, Piesaant Valley, Iowa Park, Wichita Falls, Cashion Community, Lakeside City	No	\$100,000	None	116.16	30.19	3,986	2,926	10,515	72	174	267	193	49,700.41
012000062	Channing NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hartley	1109010501, 1109010207	Lake Meredith, Punta de Agua	Regulatory and Guidance	1.0	Riverine	Channing	Channing, Hartley, Panhandle Regional Planning Commission, Red River Authority of Texas	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.22
012000063	Region-Wide Initiative to Increase Communities with Dedicated Funding Sources for Operations & Maintenance of Storm Drainage System	communities looking to developing funding sources for drainage	01000011, 01000012	-	-	-	Regulatory and Guidance	34,626.1	Riverine and Playa	Panhandle Regiona Planning Commission	Panhandle Regional Planning Commission	No	\$100,000	None	4305.26	929.55	11,544	6,885	26,657	160	803	1,250	2,299	2,425,093.47

						on in Flood Risk									
1% annual chance) Flood	Number of structures removed from 100yr (1% annual chance)	from 500yr (0.2% annual chance)	from 100yr (1% annual chance)	from 100yr (1% annual chance)	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	removed from 100yr (1% annual	Estimated reduction in road closure occurrences			Estimated reduction in fatalities (if available)	F Estimated reduction in injuries (if available)	Cost/ Structure Removed	Consideration of Nature- based Solution (Y/N)	Y/N) Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
risk	Flood risk	Flood risk	Flood risk	Flood risk	chance) Flood risk (#)	chance) Flood risk (#)		(Miles)	(acres)						
0	0	0	o	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	٥	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	0	0	o	0	O	0	o	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	24	0	24	72	0	0	0	0	0	Not Available	Not Available	\$250,000	No No	No	No
0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	0	0	o	O	O	O	O	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	O	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No No	No	No
0	0	O	o	o	o	o	o	0	0	Not Available	Not Available	Not Applicable	No No	No	No
													$\left[ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	

## Appendix D-4 | D-4.1

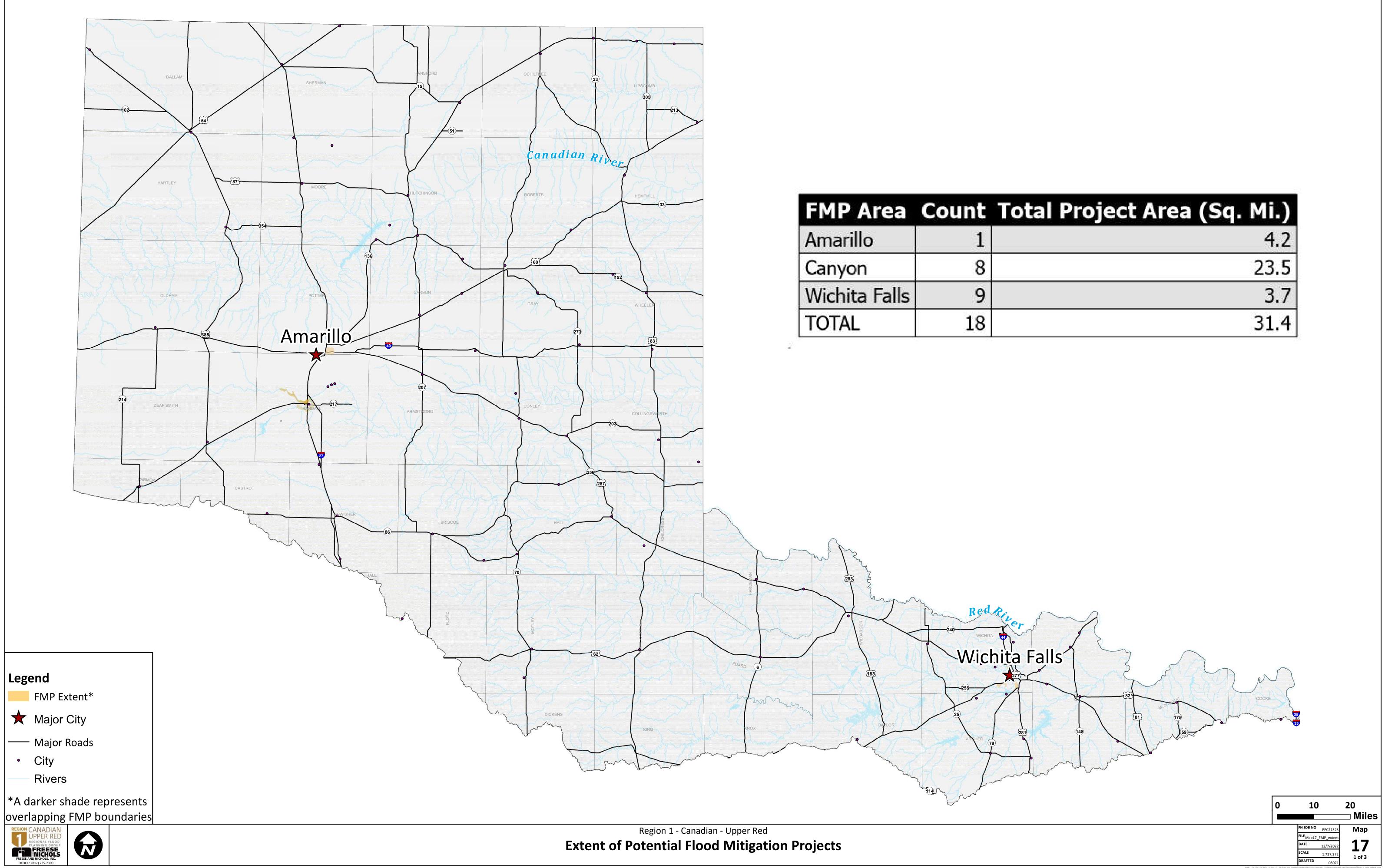
Map 16 – Extent of Potential Flood Management Evaluations and Existing Mapping Needs



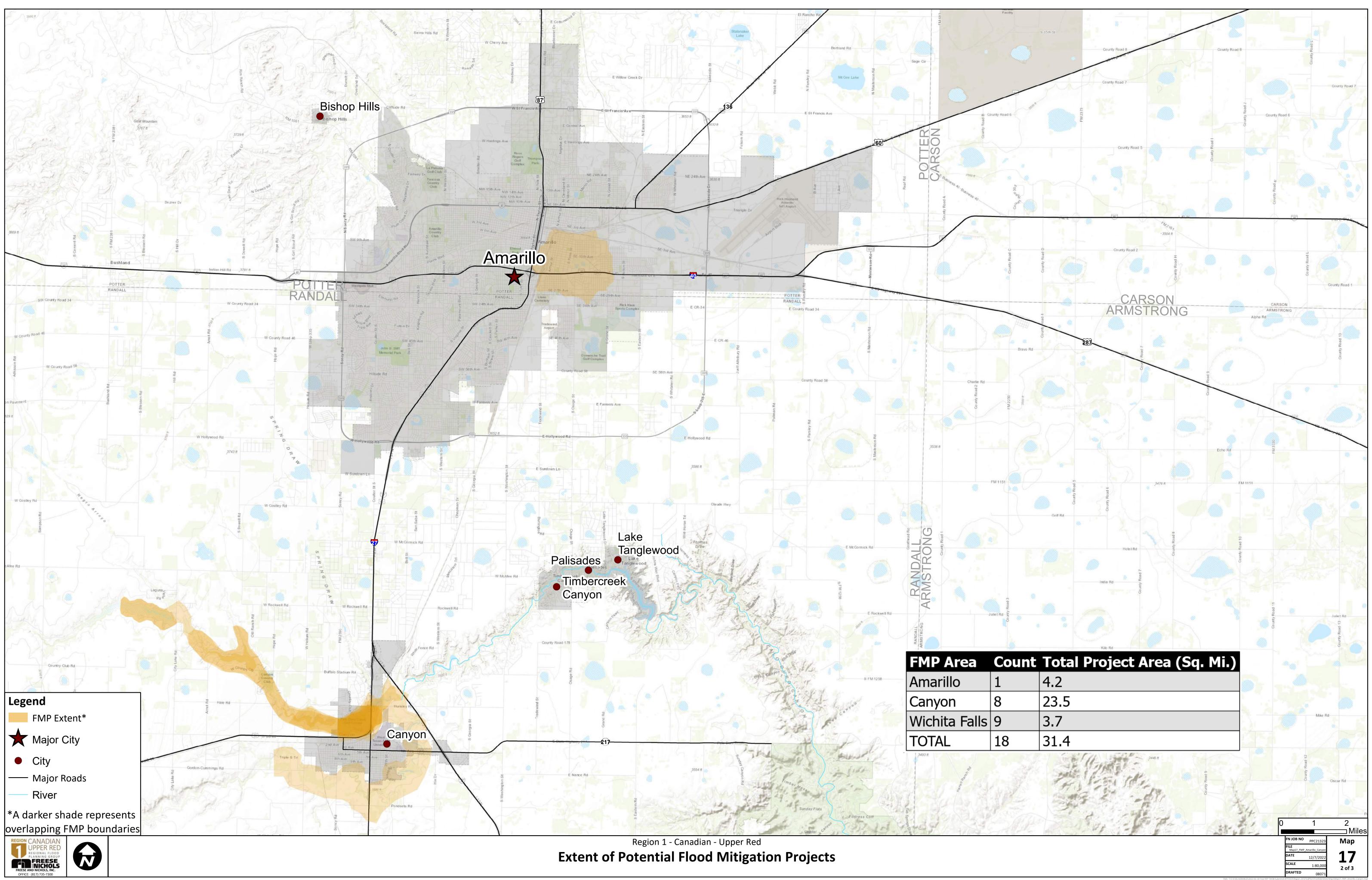
Total Evaluation Area (Sq. M	li.)
	102
1,	358
55,	779
35,	698
92,	936

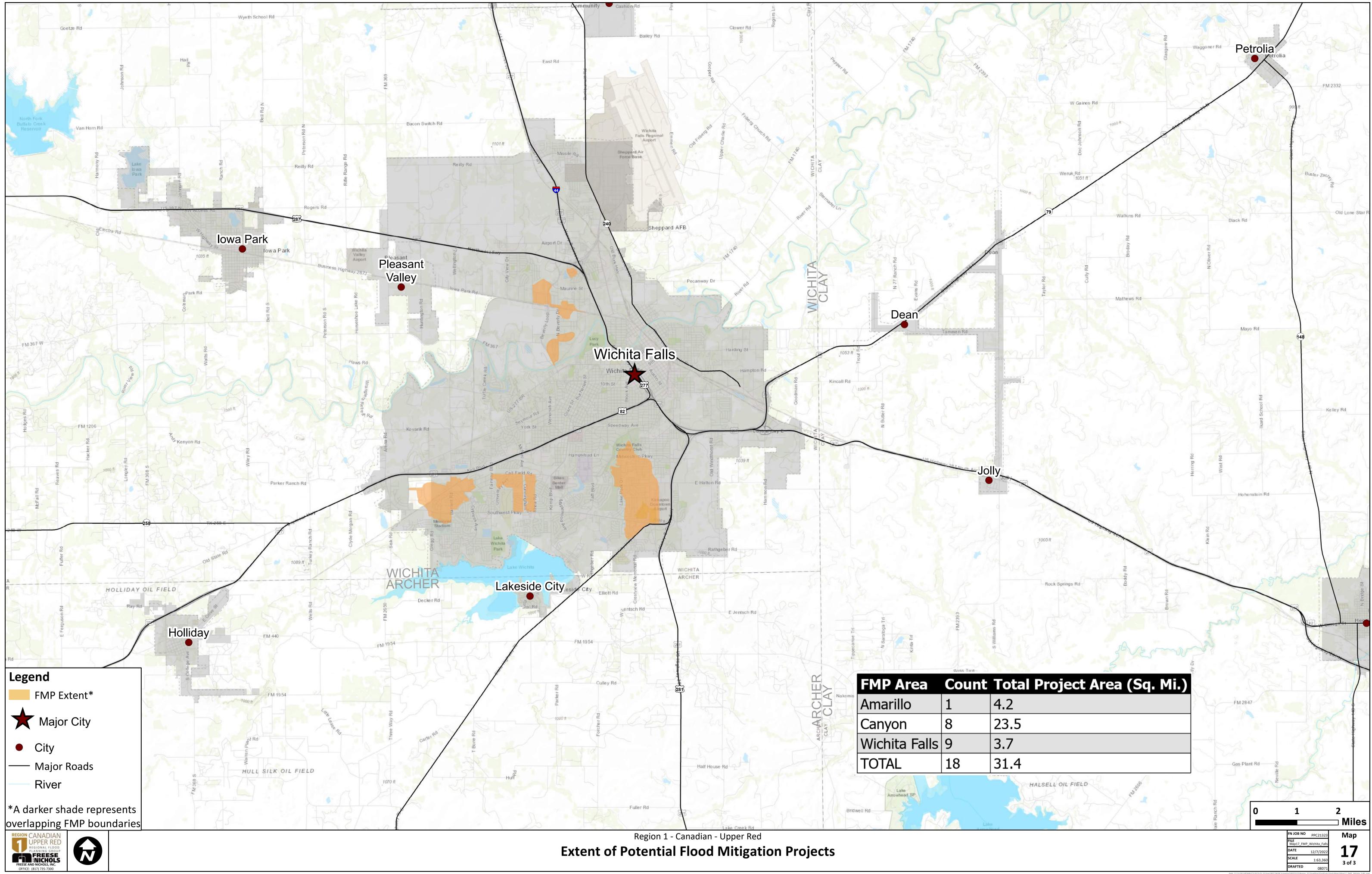
## Appendix D-4 | D-4.2

Map 17 – Extent of Potential Flood Mitigation Projects



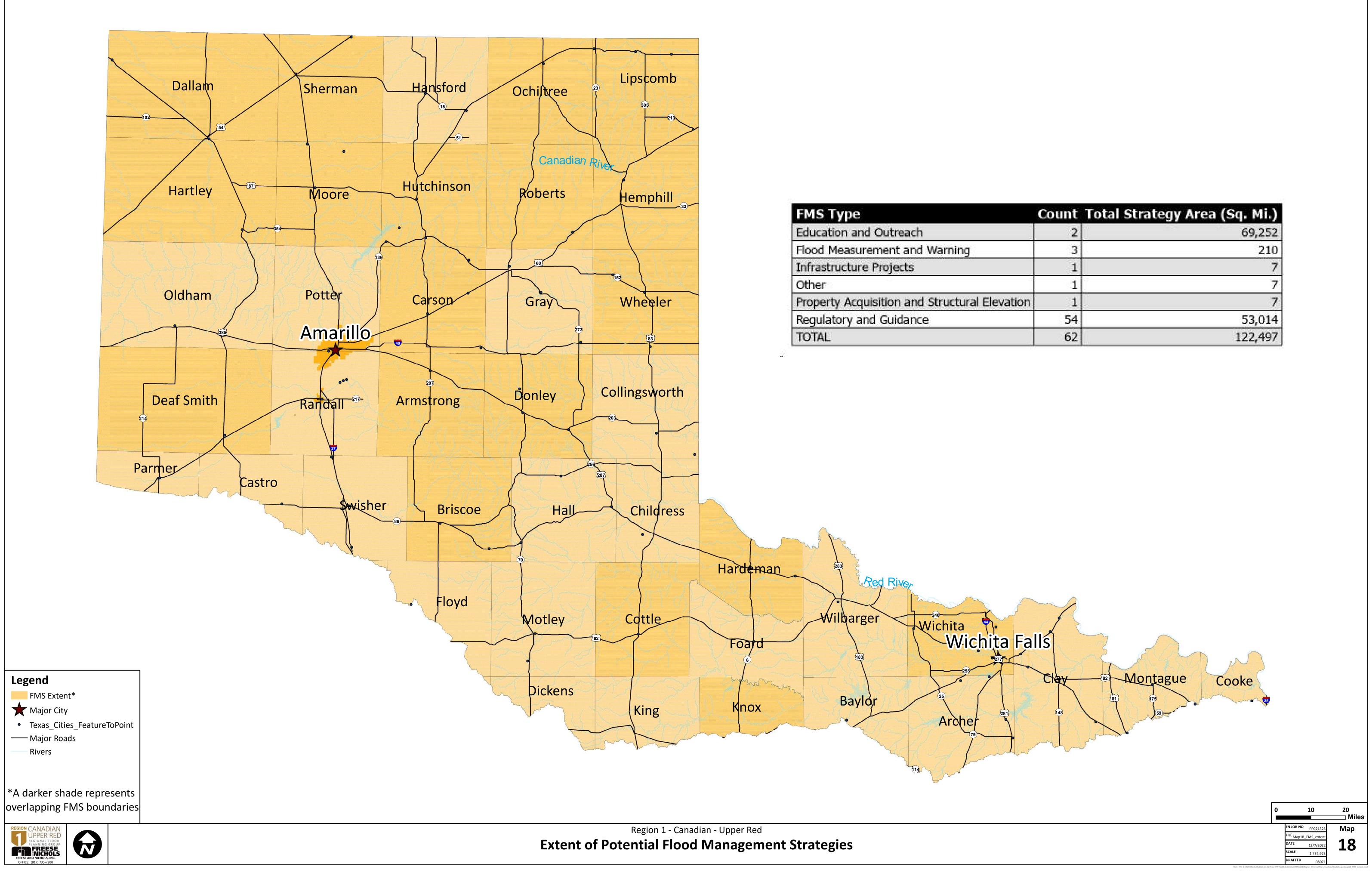
tal Project Area	(Sq. Mi.)
	4.2
	23.5
	3.7
	31.4





## Appendix D-4 | D-4.3

Map 18 – Extent of Potential Flood Management Strategies



	Count	Total Strategy Area (Sq. Mi.)
ļ	2	69,252
	3	210
	1	7
	1	7
ion	1	7
	54	53,014
	62	122,497