



LEGEND

EXISTING	
WATER LINE	
PUMP STATION	
STORAGE TANK	

BRA UPGRADE PROPOSAL	
14" WATER LINE	
PUMP STATION	
STORAGE TANK	

BRA UPGRADE PROPOSAL	
14" WATER LINE	
PUMP STATION	
STORAGE TANK	

BRA NEW PROPOSALS	
WATER LINE	
PUMP STATION	
STORAGE TANK	

PUMP STATION IMPROVEMENTS

TYPE OF UPGRADE	LOCATION	PUMP FLOW (MGD)	TDH (FEET)
UPGRADE PROPOSED	WELL PS	1.26	225
UPGRADE PROPOSED	ILPS	0.30	395
UPGRADE EXISTING	S. CISCO	0.38	150

TANK IMPROVEMENTS

TYPE OF UPGRADE	LOCATION	TYPE OF TANK	SIZE (MG)	HEIGHT (FEET)	WATER LEVEL (FEET)
UPGRADE PROPOSED	WELL PS	GST	200,000	24	23
UPGRADE PROPOSED	ILPS	GST	150,000	24	23
UPGRADE PROPOSED	S. CISCO PS	GST	150,000	24	23

PIPELINE IMPROVEMENTS

TYPE OF UPGRADE	FROM	TO	LENGTH (MILES)
UPSIZE 8" TO 12"	STANDPIPE @ FM 569 & FM 569	FM 569 & FM 2731	3.18
UPSIZE 8" TO 10"	FM 569 & FM 2731	FM 2731 & CR 252	4.70
UPGRADE 6" TO 10"	FM 2731 & CR 252	FM 2731 & CR 183	3.09
UPGRADE 4" TO 8"	FM 2731 & US 183	CR 377 & CR 36	7.16
UPGRADE 3" TO 6"	CR 377 & SH 36	SH 36 & CR 276	0.87
NEW 6"	SH 36 & CR 276	CR 276 & STAR	0.64
NEW 3"	FM 369 & SH 36	CROSS PLAINS	0.87

FIGURE F.5
WESTBOUND WSC
SUPPLY TO RISING STAR AND CROSS PLAINS
WEST CENTRAL BRAZOS STUDY
SCENARIOS #1 AND #2