

SUMMARY

APPROACH PIPE (INCLUDED IN CULVERT SUMMARY RECAP)													
STATION	BASIC BID ITEMS			PIPE OPTIONS in					END SECTIONS		linear feet	CULVERT IN PL. in x ft	REMARKS
	CULVERT PIPE in	linear feet		STEEL - 22.8 x1.2 CORR. 0.075 THK.	CONCRETE - CLASS 3	CONCRETE - CLASS 4	ALUMINUM - 22.8 x1.2 CORR. 0.075 THK.	CORRU- GATED POLY- ETHYLENE PIPE			HEIGHT OF COVER		
		LENGTH OF PIPE	REMOVE PIPE CULVERT						LEFT	RIGHT			
337+34	18	48	33.6	18		18			FETS	FETS	1.0	18" X 33.6 RCP	APP PIPE RT
379+45	18	54	62.5	18	18	18	18		FETS	FETS	1.6	18" X 62.5 RCP	APP PIPE LT
379+45	18	44	58.4			18			FETS	FETS	0.8	18" X 58.4 RCP	APP PIPE RT
408+67	18	44		18	18	18	18		FETS	FETS	1.6		APP PIPE RT
410+37			33.4									18" X 33.4 CMP	REMOVE APP PIPE RT
438+00	18	62		18	18	18	18	18	FETS	FETS	3.0		APP PIPE RT
446+15			33.2									18" X 33.2 RCP	REMOVE APP PIPE LT
446+37	18	62		18	18	18	18	18	FETS	FETS	3.6		APP PIPE LT
446+37	18	50		18	18	18	18		FETS	FETS	1.8		APP PIPE RT
459+60	18	48		18	18	18	18		FETS	FETS	1.6		APP PIPE LT
459+60	18	48		18		18			FETS	FETS	1.0		APP PIPE RT
512+52	18	52		18	18	18	18	18	FETS	FETS	3.1		APP PIPE LT
512+67			40.4									12" X 40.4 RCP	REMOVE APP PIPE LT
578+25	24	88	65.6	24	24	24	24		FETS	FETS	1.6	12" X 65.6 RCP	APP PIPE LT -BJORK LN
591+75	18	54		18	18	18	18	18	FETS	FETS	3.6		APP PIPE LT
594+89			66.8									18" X 66.8 CMP	REMOVE APP PIPE LT
602+90			54.6									18" X 54.6 RCP	REMOVE APP PIPE LT
610+23												18" X 36.7 CMP	DO NOT DISTURB APP PIPE RT
614+12	18	50	20.1			18			FETS	FETS	0.6	18" X 20.1 CMP	APP PIPE LT
619+50	18	58	33.2	18		18			FETS	FETS	1.3	15" X 33.2 RCP	APP PIPE RT
624+95	18	46	28.4	18		18			FETS	FETS	1.2	18" X 28.4 CMP	APP PIPE RT
643+00	18	56		18		18			FETS	FETS	1.0		APP PIPE LT
646+83	18	54		18	18	18	18		FETS	FETS	1.6		APP PIPE LT
647+24	18	50		18		18			FETS	FETS	1.2		APP PIPE RT
649+17	18	36	41.3	18		18			FETS	FETS	1.2	18" X 41.3 PVC	APP PIPE LT
655+16	18	72	205.9			18			FETS	FETS	0.6	18" X 205.9 PVC	APP PIPE LT -7TH ST. SW
658+45	18	60	60.4			18			FETS	FETS	0.7	24" X 60.4 CMP	APP PIPE LT
658+45	24	32	31.3			24			FETS	FETS	0.6	24" X 31.3 RCP	APP PIPE RT
TOTAL	~	~	869.1	~	~	~	~	~	~	~	~	~	

IRRIGATION SYSTEM *														
STATION	linear feet			each							linear feet	SKEW ANGLE	CULVERT IN PL. In x ft	REMARKS
	PIPE-SW- POLY- ETHYLENE	STEEL CASING	ENCASE- MENT PIPE	STEEL FLANGE #	STEEL FLANGE ATTACHED TO CSP CAN #	HDPE FLANGE W/ BACKING RING #	WATERTIGHT ROD & LOG BAND #	STEEL ENCASE- MENT PIPE END SEALS #	THRUST COLLAR / CUTOFF WALL #	THRUST BLOCKS #	REMOVE PIPE CULVERT			
	24"	24"	30"	24"	24"	24"								
343+80	261.1	58.9		5	1	2	1		1	2	322.2	43.2 ° RT.	24" X 2,542' CMP	
343+80			202.0					2			73.6	43.2 ° RT.	30" X 73.6' RCP	CASING PIPE
TOTAL	261.1	58.9	202.0	~	~	~	~	~	~	~	Δ 395.8	~	~	

* SEE DETAIL
FOR INFORMATION ONLY
Δ INCLUDED IN CULVERT SUMMARY RECAP

CULVERT SUMMARY RECAP						
BASIC BID	linear feet		cu. yards			sq. yards
	NEW PIPE (TOTAL)	REMOVE PIPE CULVERT	FOUND- ATION MATERIAL	GRANULAR BEDDING MATERIAL	CONCRETE - CLASS GENERAL	GEOTEXT. STAB.
18" DR.	822					
18" RCP	226					
18" RCP IRR.	220					
24" DR.	788					
24" RCP	32					
24" RCP IRR.	212					
36" DR.	710					
36" RCP	84					
48" DR.	124					
54" DR.	172					
7' x4' RC B	138					
10' x6' RC B	102					
12' x10' RC B	288					
TOTAL	~	2,702.2	1,142	421	80.9	4,061