



SUMMARY OF ESTIMATED STRUCTURAL QUANTITIES - PONTE AVE BRIDGE

BRIDGE ELEMENT	BASE BID ITEM TXDOT SPEC ITEM DESCRIPTION	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	21	22	23	
				416	416	420	420	420 (1)	422	425	428	442	442	442	442	442	450		454	454
		BACKFILL	TEMP SPECIAL SHORING	DRILL SHAFT	DRILL SHAFT	CL "F" CONC (MASS PLACEMENT) (ABUT)	CL "S" CONC (APRR SLAB)	CL "S" CONC (BRIDGE SDWLK)	REINF CONC SLAB	PRESTR CONC BEAM (U54)	CONC SURF TREAT (CLASS 1)	STR STL (MISC)	STR STL (STEEL ARCH)	STR STL (MISC) (12" PIPE)	STR STL (MISC) (18" PIPE)	RAIL (T401)(MOD)	RAIL (PED RAIL)	SEALED EXPANSION JOINT (4 IN) (SEJ-A)	JOINT SEALANT	
		(TY C)		(48" DIA)	(54" DIA)															
		CY	SF	LF	LF	CY	CY	CY	SF	LF	SY	LB	LB	LB	LB	LF	LF	LF	LF	
2 ~ ABUTMENTS		3,141	1,325	730	558	969.7	207.2	36.7				2,000.0		7,200	14,800	40.0	194.0			
1 ~ PRESTRESSED CONCRETE BEAM UNITS									8,477	886	550.3	16,600.0		13,000	26,700	254.0	254.0	74.3	52.0	
2 ~ STEEL ARCHES													178,800.0							
TOTAL		3,141	1,325	730	558	969.7	207.2	36.7	8,477	886	550.3	18,600.0 (2)	178,800.0	20,200.0	41,500.0	294.0	448.0	74.3	52.0	

① Quantity includes sidewalk concrete on approach slab only.

② Structural Steel quantity includes all structural angles and plates used as bridge deck forms, stone ledges, and light mounts.

NO.	REVISION	BY	DATE
 <b>TOWN OF ADDISON</b> DALLAS COUNTY, TEXAS			
VITRUVIAN PARK BRIDGES PONTE AVENUE			
<b>ESTIMATED QUANTITIES</b>			
 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-0200 FAX (214) 739-0095			
PROJECT	DESIGN	DRAWN	DATE
27379		AHH	APRIL 2010
			FILE
			-
			SHEET
			S1-04