


SUMMARY OF ESTIMATED STRUCTURAL QUANTITIES - BELLA LANE BRIDGE											
BRIDGE ELEMENT	BASE BID ITEM NO. TXDOT SPEC NO.	35 400	36 403	37 416	38 416	39 416	40 420	41 420 (4)	42 420	43 420	44 420 (1)
	DESCRIPTION	STRUCTURAL EXCAVATION AND BACKFILL (2)	TEMPORARY SPECIAL SHORING	DRILL SHAFT (30" DIA)	DRILL SHAFT (42" DIA)	DRILL SHAFT (48" DIA)	CL "C" CONC (ABUT)	CL "C" CONC (MASS PLACEMENT) (ABUT)	CL "C" CONC (BENT)	CL "S" CONC (APRR SLAB)	CL "S" CONC (BRIDGE SIDEWALK)
		CY	SF	LF	LF	LF	CY	CY	CY	CY	CY
2 ~ ABUTMENTS		3,075	1,780	256		88	95.8	145.0		111.0	20.7
2 ~ INTERIOR BENTS					80				108.8		
1 ~ PRESTRESSED CONCRETE BEAM UNITS											
2 ~ STEEL ARCHES											
TOTAL		3,075	1,780	256	80	88	95.8	145.0	108.8	111.0	20.7

SUMMARY OF ESTIMATED STRUCTURAL QUANTITIES CONTINUED- BELLA LANE BRIDGE													
BRIDGE ELEMENT	BASE BID ITEM NO. TXDOT SPEC NO.	45 422	46 425	47 425	48 428	49 4332	50 442	51 442	52 442	54 450	55 (2)	56 (3)	57 454
	DESCRIPTION	REINF CONC SLAB	PRESTR CONC BOX BEAM (4B28)	PRESTR CONC BOX BEAM (5B28)	CONC SURF TREAT (CLASS 1)	RIPRAP CONC (5')	STR STL (MISC)	STR STL (STEEL ARCH)	STR STL (MISC) (18 IN PIPE)	RAIL (T401) (MOD)	RAIL (PED RAIL)	SEALED EXPANSION JOINT (4 IN) (SEJ-A) (MISC)	JOINT SEALANT
		SF	LF	LF	SY	CY	LB	LB	LB	LF	LB	LF	LF
2 ~ ABUTMENTS						84.0			9,450	40	74	75	
2 ~ INTERIOR BENTS													
1 ~ PRESTRESSED CONCRETE BEAM UNITS		8,178	272	1,226	611.0		8,540		29,610	282	282		40
2 ~ STEEL ARCHES								129,200					
TOTAL		8,178	272	1,226	611.0	84.0	8,540	129,200	39,060	322	356	75	40


- (1) Quantity only includes sidewalk placed on approach slab.
- (2) Quantity includes pipe under bridge approach slab.
- (3) Structural Steel Quantity includes all structural angles and plates used as bridge deck forms and stone ledges.
- (4) Mass Placement Quantity includes wingwalls only.

NO.	REVISION	BY	DATE
3	Addendum #3		ESC 05/24/10
2	Addendum #2		ESC 05/19/10


TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

VITRUVIAN PARK BRIDGES
 BELLA LANE

ESTIMATED QUANTITIES


 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275
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PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
27379		AHH	APRIL 2010	-	S2-03