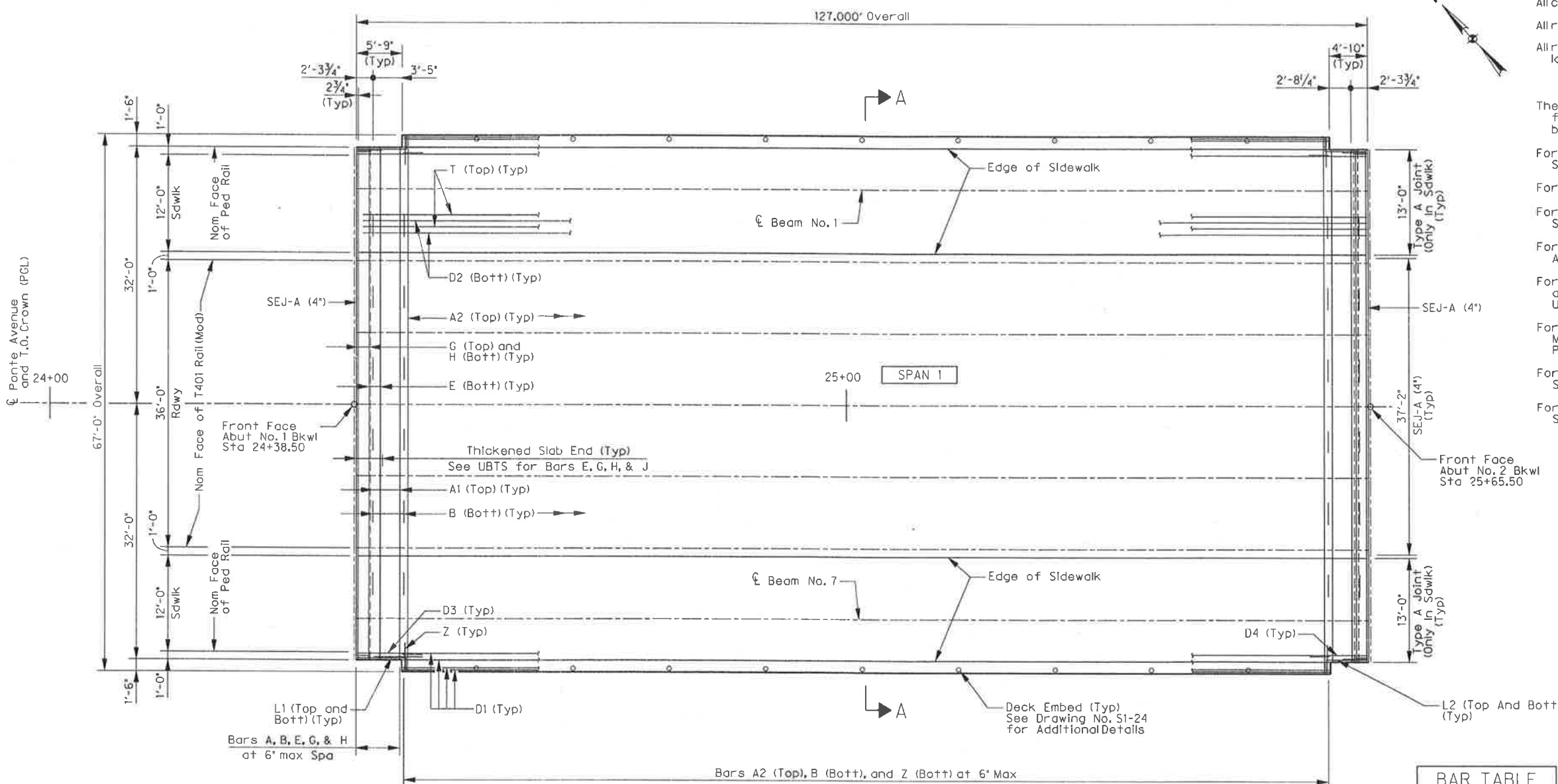
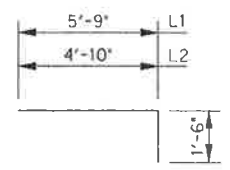


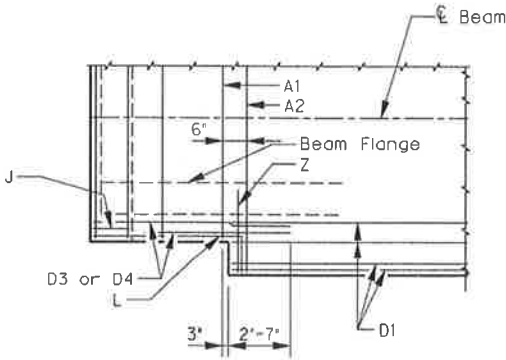
USER: dh2140
 OFFICE: RCH
 PROJECT #: 27379
 FILE: 27379-SC-PONTEB-DD01.dgn
 TIME: 8:50:03 AM
 DATE: 4/29/2010



DECK PLAN
 SCALE: 1/8" = 1'-0"



BARS L



DECK CORNER DETAIL
 SCALE: 1/4" = 1'-0"

TABLE OF SECTION DEPTHS - SPAN 1

SPAN NO.	BEAM NO.	*X" AT C.L. BRG	④ "Z" AT C.L. SPAN
1	All	1'-0"	10"

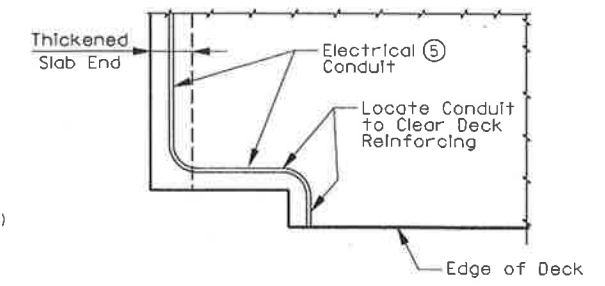
TABLE OF ESTIMATED QUANTITIES - SPAN 1

SPAN NO.	REINF CONCRETE SLAB	PRSTR CONCRETE BEAM (U54)	① CLASS S CONCRETE (SLAB)	③ CLASS S CONCRETE (SDWLK)	REINF STEEL ①②	SDWLK DRAIN ①⑥	① STEEL PIPE (12 IN)	① STEEL PIPE (18 IN)	⑦ MISC STEEL
	SF	LF	CY	CY	LB	LF	LF	LF	LB
1	8,477	885.50	238.9	83.6	57,645	253	254	254	16,601
TOTAL	8,477	885.50	238.9	83.6	57,645	253	254	254	16,601

BAR TABLE

Bar	Size
A1-A2	#5
B	#5
D1-D4	#5
E	#5
G	#5
H	#6
J	#5
L1-L2	#5
P	#3
sA	#3
sT	#3
T	#4
UP	#4
Z	#4

- General Notes:**
- All concrete shall be Class S, f'c = 4,000 psi.
 - All reinforcing shall be grade 60.
 - All reinforcing steel shall be epoxy coated. Bar laps, where required, shall be as follows:
 #4 = 2'-1"
 #5 = 2'-7"
 - The minimum rate of concrete placing and finishing shall not be less than 30 feet of bridge deck per hour.
 - For chamfer limits and drip bead detail, see Standard UBMS.
 - For Section A-A, see Sheet 2 of 2.
 - For Traffic Rail Details not shown, see Standard T401 (Mod).
 - For Pedestrian Rail Details not shown, see Landscape Architecture detail sheets.
 - For Beam, Bearing Pad, Misc, Slab and Thickened Slab and details not shown See Standards UB0, UBEB (Mod), UBMS, and UTBS.
 - For Prestressed Concrete Panel and Permanent Metal Deck Form details not shown, see Standards PCP and PMDF.
 - For sealed expansion joint details not shown, see Standard SEJ-A.
 - For quantities not shown, see Estimated Quantity Sheet (Drawing No. S1-04).



DECK CONDUIT DETAIL
 SCALE: 1/4" = 1'-0"

- ① For contractor's information only.
- ② Reinforcing steel weight is calculated using an approximate factor of 6.8 lbs/sf.
- ③ Quantity includes sidewalk on approach slab.
- ④ Theoretical dimension.
- ⑤ See Electrical Details, Run conduit through center of thickened slab end.
- ⑥ Sidewalk drains are subsidiary to Reinforced Concrete Slab, item 422.
- ⑦ Quantity includes all angles and plates.



NO.	REVISION	BY	DATE
 VITRUVIAN PARK BRIDGES PONTE AVENUE DECK PLAN			
1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 348-6200 FAX (214) 739-0005			
PROJECT	DESIGN	DRAWN	DATE
27379	ESC	AHH	APRIL 2010
FILE	SHEET		
-	S1-16		