

USER: ah2441

OFFICE: RCH

PROJECT #: 27379

FILE: 27379-SC-BELLABL-AB01-01.dgn

TIME: 12:19:50 PM

DATE: 4/29/2010

BAR SCHEDULE ~ ONE CAP

Bar	Type	No.	Size	Length	Weight
A	S†	28	#11	58'-1"	8,641
H	S†	8	#6	57'-8"	693
L1	B†	12	#6	5'-0"	91
L2	B†	24	#6	12'-6"	451
S1	B†	55	#5	18'-2"	1,043
S2	B†	18	#3	3'-7 1/2"	25
sH1	S†	2	#3	10'-2"	8
sH2	S†	2	#3	10'-8"	9
sL	B†	4	#3	6'-10"	11
V	B†	59	#5	9'-2 1/2"	567
wH1	S†	22	#6	21'-2"	700
wH2	S†	38	#6	10'-2"	581
wH3	S†	22	#6	10'-8"	353
wT	S†	2	#3	9'-11"	8
wU	B†	26	#8	26'-2 1/2"	1,820
wV1	S†	24	#8	11'-8 3/4"	752
wV2	S†	24	#6	9'-8 3/4"	351
wZ	B†	22	#6	6'-2 1/2"	206

① Total Reinforcing Steel	LB	16,310
Cl C Conc (Abut)	CY	90.0

ESTIMATED QUANTITIES

Item	Unit	QUANTITY
Drilled Shaft (48 IN)	FT	44
Drilled Shaft (30 IN)	FT	150
Cl C Conc (Abut)	CY	90.0
Reinf Steel	LB	16,513

① For contractor's information only.

General Notes:

Designed per AASHTO LRFD Bridge Design Specifications (2007) with interim specifications thereto.

Concrete strength f'c = 3,600 psi.

The price bid per foot of Drilled Shaft shall include the reinforcing extending from the shaft into the cap.

Spiral steel shall have one extra turn at the top, bottom and at splices.

All cap and wall reinforcing shall be grade 60 steel.

Drilled shaft reinforcing may be grade 40.

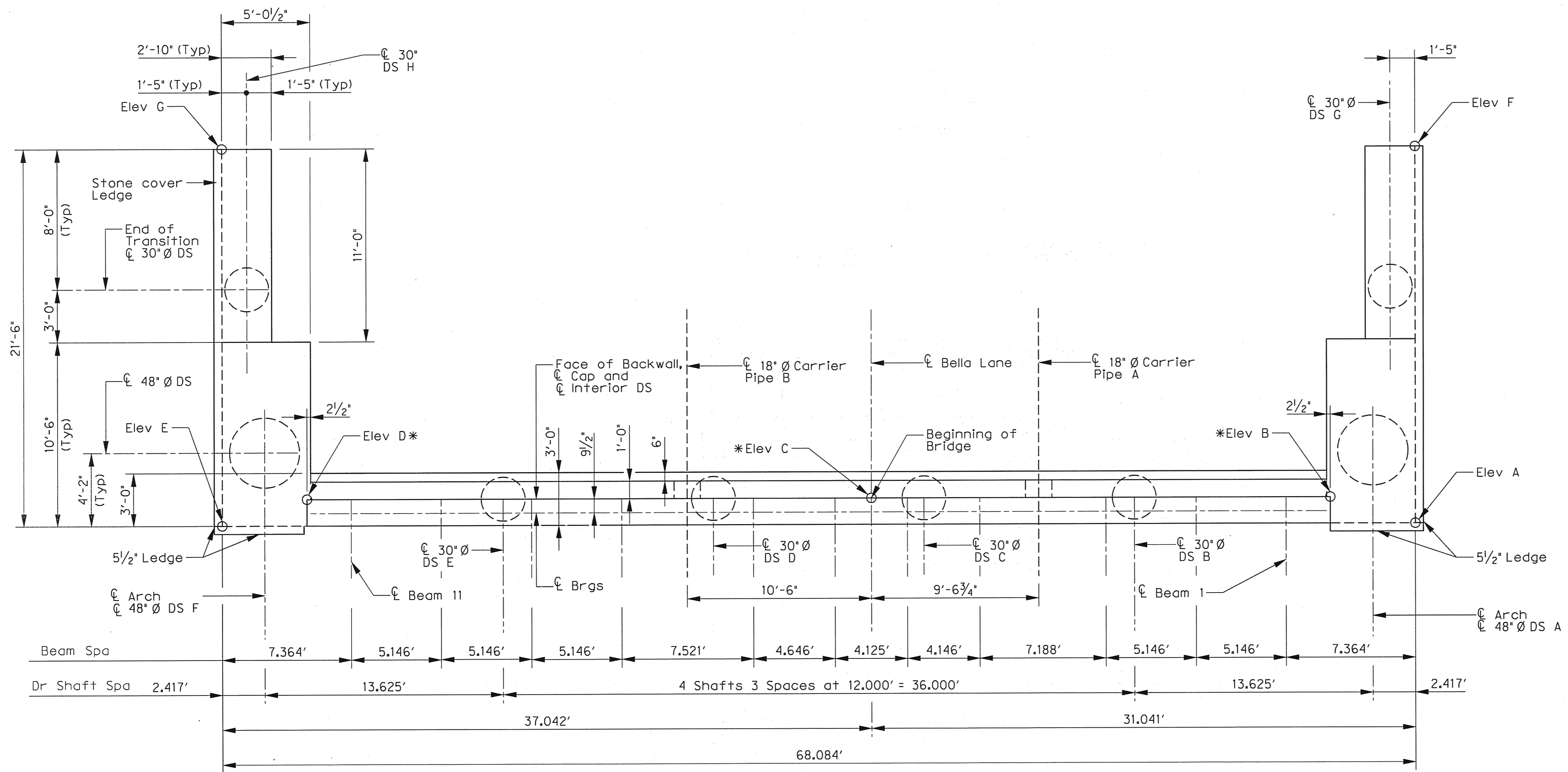
Calculated drilled shaft foundation load is as follows:
146 tons per shaft (48")
104 tons per shaft (30")



04.29.10

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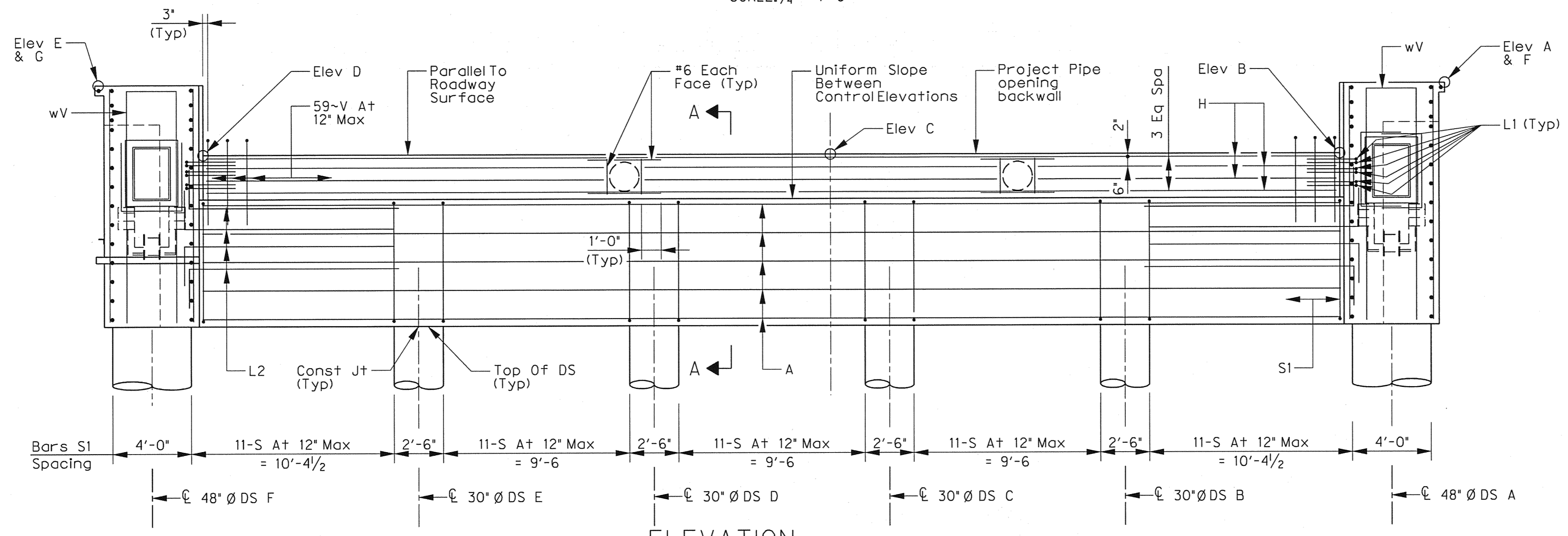
NO.	REVISION	BY	DATE
TOWN OF ADDISON DALLAS COUNTY, TEXAS VITRUVIAN PARK BRIDGES BELLA LANE ABUTMENT No. 1 PLAN AND ELEVATION HALFF 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 348-6200 FAX (214) 739-0095			
PROJECT	DESIGN	DRAWN	DATE
27379	ESC	AHH	APRIL 2010
FILE	SHEET		
-	S2-04		



PLAN

SCALE: 1/4" = 1'-0"

*Denotes elevation taken at top, frontface of backwall along centerline of abutment.



ELEVATION

SCALE: 1/4" = 1'-0"

Note: For information not shown see Section A-A/S2-07

CONTROL ELEVATIONS

Abutment	Station	Top of Abutment							Top of Drilled Shafts							
		Elev A	Elev B	Elev C	Elev D	Elev E	Elev F	Elev G	DS A	DS B	DS C	DS D	DS E	DS F	DS G	DS H
1	28+58.50	564.84	561.34	561.87	561.34	564.94	563.35	563.45	552.54	552.80	553.04	552.92	552.68	552.42	552.48	552.48