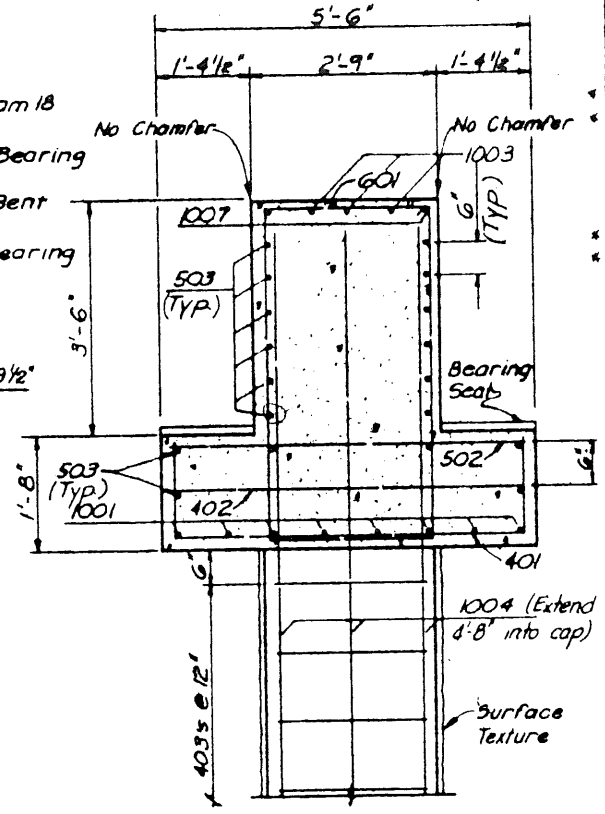
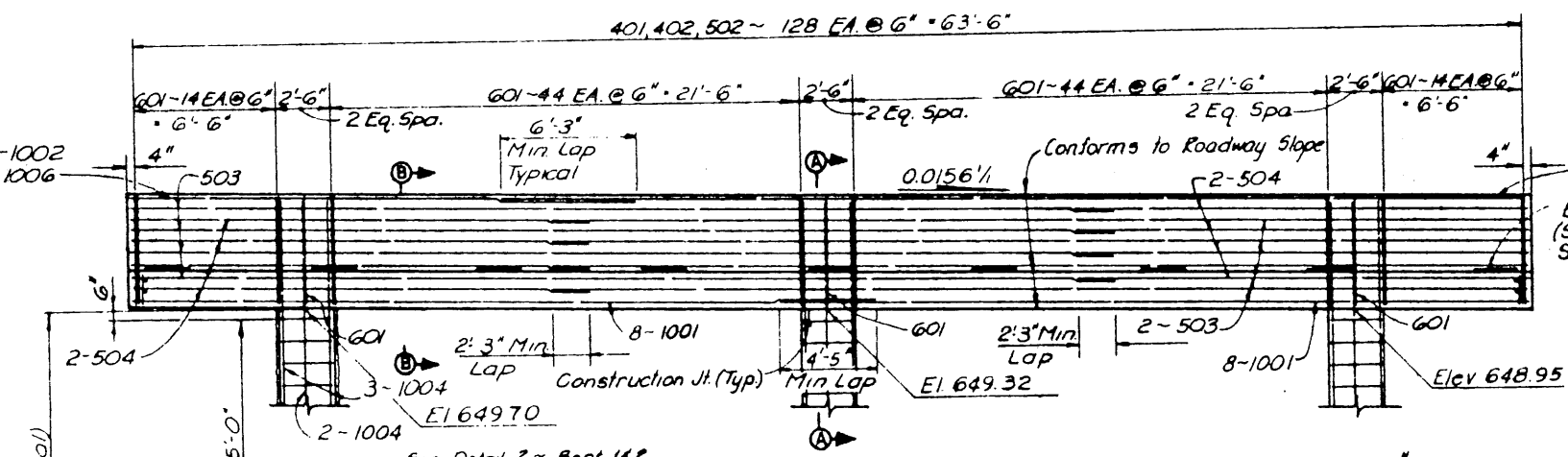


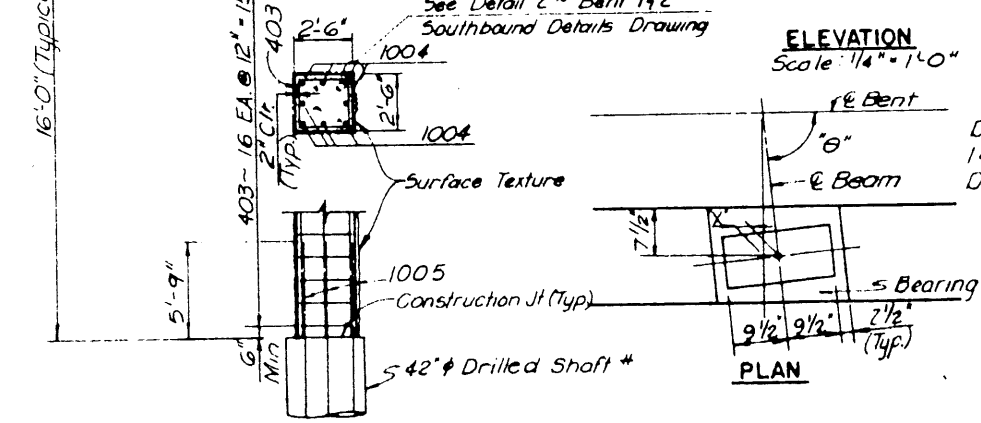
PLAN
Scale: 1/4"=1'-0"



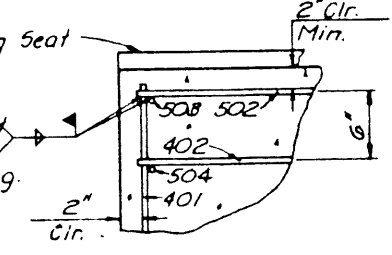
SECTION A-A
Scale: 3/4"=1'-0"



ELEVATION
Scale: 1/4"=1'-0"

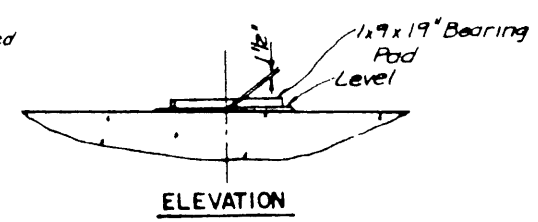


PLAN
Scale: 3/4"=1'-0"



DETAIL 1
Scale: 1 1/2"=1'-0"

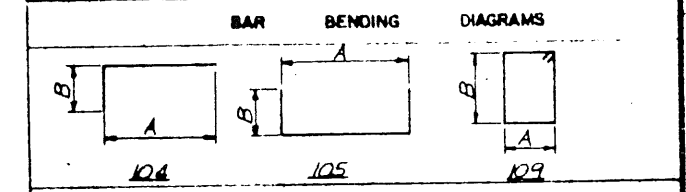
BENT 2 NB.		
BEAM NO.	BK. X	FD. X
9 1/4	0	0
15	9/16"	7/16"
16	1 1/8"	13/16"
17	1 1/16"	1 1/4"
18	-	1 1/16"



ELEVATION
Scale: 3/4"=1'-0"

* For 42" φ Drilled Shaft Lengths, Top Elevations And Details, See Bent Drilled Shaft Details On Sheet No. S-11.

REINFORCEMENT BAR SCHEDULE		DIMENSIONS				WEIGHT		
MARK	NO REQ'D	LENGTH	TYPE	A	B		C	D or R
401	128	7'-10"	106	5'-2"	1'-4"			670
402	128	5'-2"	51r					442
403	48	9'-4"	109	2'-2"	2'-2"			299
							Total	1411
501	Omitted							
502	128	5'-2"	51r					690
503	18	45'-1"	51r					846
504	18	21'-1"	51r					396
							Total	1932
601	119	15'-6"	109	2'-5"	4'-10"			2770
							Total	2952
1001	16	54'-2"	51r					668
1002	3	51'-9"	104	46'-10 1/2"	4'-10"			358
1003	3	27'-9"	104	22'-10 1/2"	4'-10"			2154
1004	24	20'-8"	51r					1188
1005	24	11'-6"	51r					404
1006	2	46'-11"	51r					197
1007	2	22'-10"	51r					7301
							Total	13414



ESTIMATED QUANTITY SUMMARY			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
421	Class 'C' Concrete (Bent)	CY	56.0
440	Reinforcing Steel	Lb	13414
416	Drilled Shaft (42" φ)	L.F.	25

Bars Marked With An Asterisk (*) In The Reinforcement Bar Schedule Shall Conform To The Requirements Of ASTM A-706, Grade 60.

- NOTES:
- All Concrete Shall Be Class 'C'; $f_c = 3600$ p.s.i. Chamfer All Exposed Corners 3/4" Unless Otherwise Noted
 - All Reinforcing Steel Shall Be ASTM A615 Grade 60, $f_y = 60,000$ p.s.i.
 - Dimensions Relating To Reinforcing Steel Are To Outside Dimension Of Bar, With Radii Shown To Be Inside Of Bar.
 - See General Plan & Elevation For End Condition Of Spans
 - Average Calculated Drilled Shaft Load = 256 Tons/Shaft.
 - For Understructure Lighting Conduit Plan See Sheet No. S-11.

Note: Built-up portions of Bearing Seat shall be cast integrally with cap or constructed as follows: The area under the built-up portion is to be prepared in accordance with specification requirements for construction joints. The pedestal shall then be placed using an approved Pre-Packaged, Non-Shrink, Impact Resistant Grout Containing Non-Metallic Fibers, Similar to Set "Impact Resistant Grout". The Grout Shall be Mixed and Applied in Accordance With the Manufacturer's Recommendation.

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY			
DALLAS NORTH TOLLWAY			
VERDE VALLEY LANE OVERPASS			
BENT 2 NORTHBOUND DETAILS			
Turner Collier & Braden Inc. <small>(Consulting Engineers)</small>			SECTION VI
DESIGNED BY R.G.D.	DATE 3-83	DRAWN BY T.J.R.	SCALE AS NOTED
CONTRACT NO. DNT-114 SHEET S-10 OF S-82			