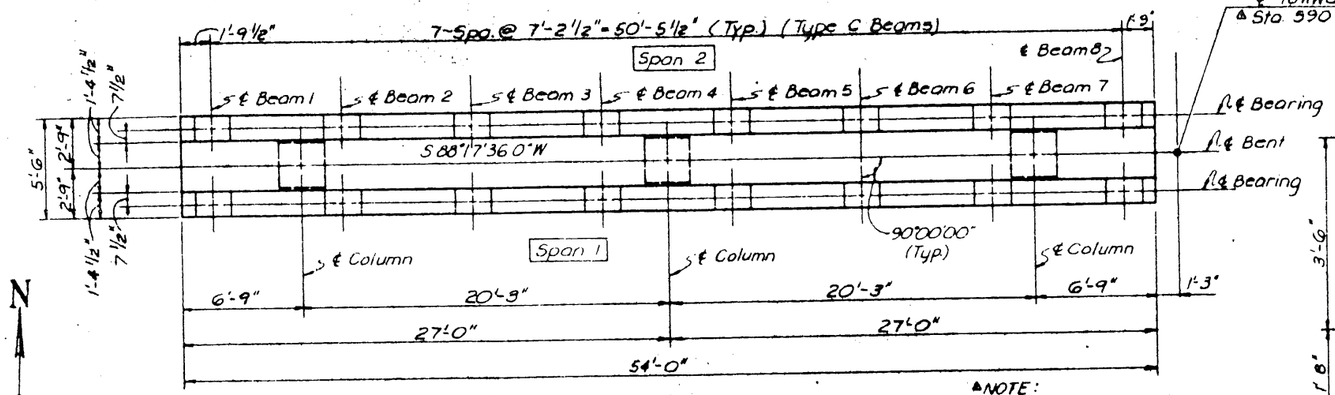
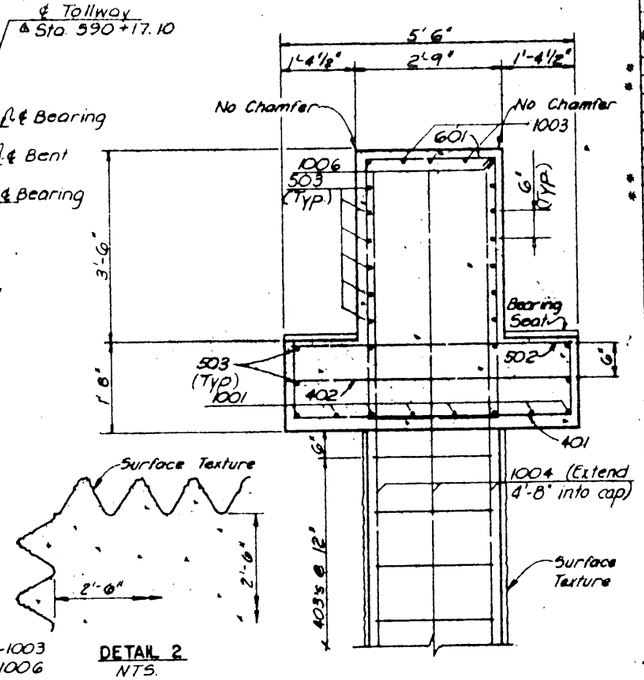


PLAN

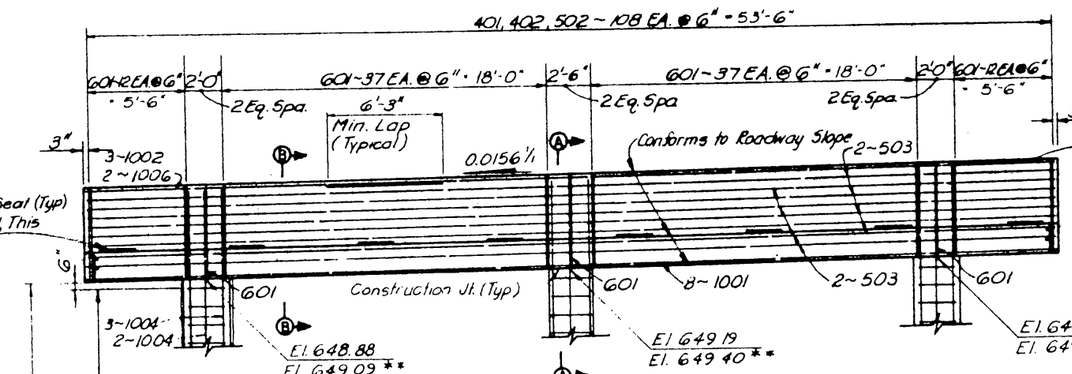
▲NOTE:
Bent 1 Southbound ℄ Sta. 590+17.10 Shown.
Bent 2 Southbound ℄ Sta 590+84.10 Similar.



DETAIL 2
NTS.

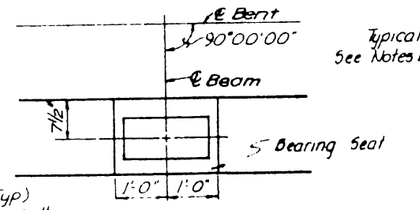
Note: Surface Texture Shall Conform To the Requirements of Item 427 Surface Finishes for Concrete.

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

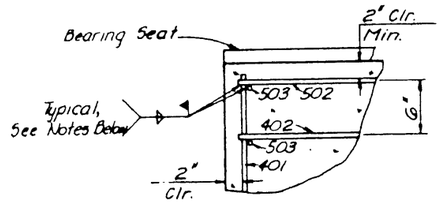


ELEVATION
Scale: 1/4"=1'-0"

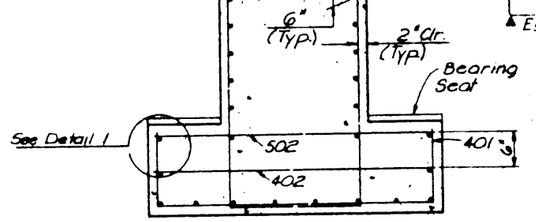
** Indicates Bent 2 Southbound



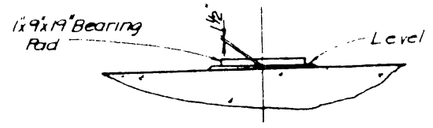
PLAN



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



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



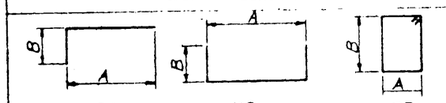
ELEVATION

BEARING SEAT DETAILS
Scale: 3/4"=1'-0"

REINFORCEMENT BAR SCHEDULE

MARK	NO. REQ'D.	LENGTH	TYPE	DIMENSIONS A	B	C	D or R	WEIGHT
401	108	7'-10"	105	5'-2"	1'-4"			565
402	108	5'-2"	Str.					373
403	48	9'-4"	109	2'-2"	2'-2"			299
							Total	1237
501		Omitted						
502	108	5'-2"	Str.					582
503	18	53'-8"	Str.					1008
							Total	1590
601	101	15'-6"	109	2'-5"	4'-10"		Total	2351
1001	8	53'-8"	Str.					1847
1002	3	44'-10	104	40'-0"	4'-10"			578
1003	3	24'-7"	104	19'-9"	4'-10"			317
1004	24	20'-8"	Str.					2134
1005	24	11'-6"	Str.					1188
1006	2	53'-6"	Str.					460
							Total	6524
							Total	11702

BAR BENDING DIAGRAMS



ESTIMATED QUANTITY SUMMARY▲

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
421	Class "C" Concrete (Bent)	C.Y.	48.9
440	Reinforcing Steel	Lb.	11702
416	Drilled Shaft (42"ϕ)	L.F.	25

▲ Estimated Quantities given are for one Bent only.

NOTES:
1. All Concrete Shall Be Class "C", f'c = 3,600 p.s.i. Chamfer All Exposed Corners 3/4" Unless Otherwise Noted
2. All Reinforcing Steel Shall Be ASTM A615 Grade 60, fy = 60,000 psi
3. Dimensions Relating To Reinforcing Steel Are To Outside Dimension Of Bar, With Radii Shown To Be Inside Of Bar.
4. See General Plan & Elevation For Expansion Or Fixed Conditions Of Span.
5. Average Calculated Drilled Shaft Load = 218 Tons/Shaft.
6. For Underbridge Lighting Conduit Plan, See Sheet No. S-11.

Notes:

The Contractor's Attention Is Directed To The Requirements Of The Latest Edition Of The Structural Welding Code For Reinforcing Steel Published By The American Welding Society. The Preheat Requirements Of Section 5.2 And The Proper Welding Rods, As Defined In Table 5.1, Must Be Strictly Adhered To.

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

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 Recommendations.

Notes:

* Omitted

NO	REVISION	BY	DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY
VERDE VALLEY LANE OVERPASS
BENT 1 & 2 SOUTHBOUND DETAILS

Turner Collie & Braden Inc. (Consulting Engineers) SECTION VI

DESIGNED RGD DATE 3-83 DRAWN TJR DATE 3-83
CHECKED TJR DATE 3-83 SCALE AS NOTED

CONTRACT NO DNT-114 SHEET S-8 OF S-82

C04076