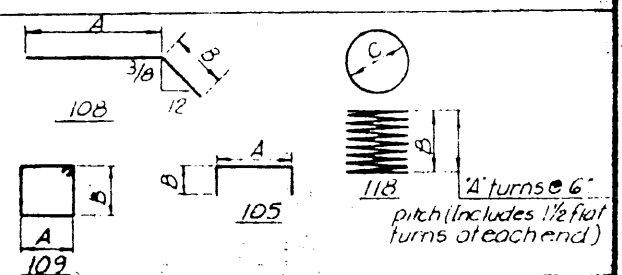


PLAN
Scale: 3/8" = 1'-0"

*End Dimensions are at Top of Backwall.

REINFORCEMENT		BAR		SCHEDULE				WEIGHT
MARK	NO.	LENGTH	TYPE	DIMENSIONS			D or R	
401	108	13'-4"	105	0'-8"	6'-4"			944
402	14	50'-10"	51r					475
403	14	60'-0"	51r					561
404	9	14'-4"	105	0'-8"	6'-10"			57
405	8	2'-0"	51r					11
Total								2048
501	154	9'-4"	109	2'-3"	2'-0"			1499
1101	10	38'-8"	108	5'-10"	3'-10"			3117
1102	10	50'-6"	51r					2683
1103	5	19'-10"	108	9'-11"	9'-11"			527
Total								6327
301	8	206'-3"	118	31	13'-10"	2'-1 1/4"	Total	680
901	64	16'-11"	51r				Total	3681
Total								14175

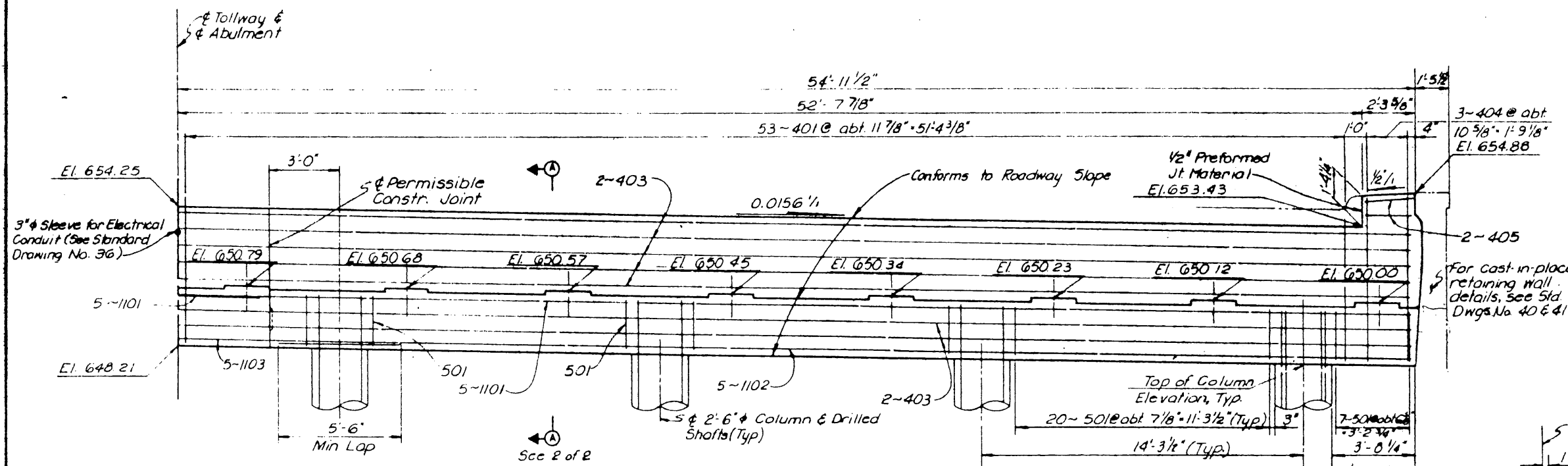
BAR BENDING DIAGRAMS



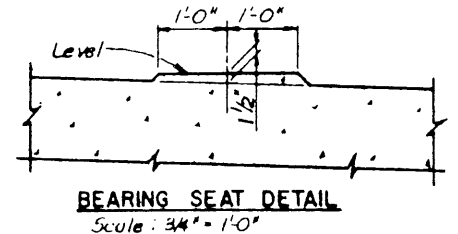
ESTIMATED QUANTITY SUMMARY

ITEM NO	DESCRIPTION	UNIT	QUANTITY
416	Drilled Shaft (30")	L.F.	65
421	Class "C" Concrete (Abutment)	C.Y.	642
440	Reinforcing Steel	L.B.	14175
556	Filter Material (Type D)	C.Y.	30

Note: Armor Jt of Abutment is included in Slab Details - Span 1 Drawing, Item No 442 Quantity

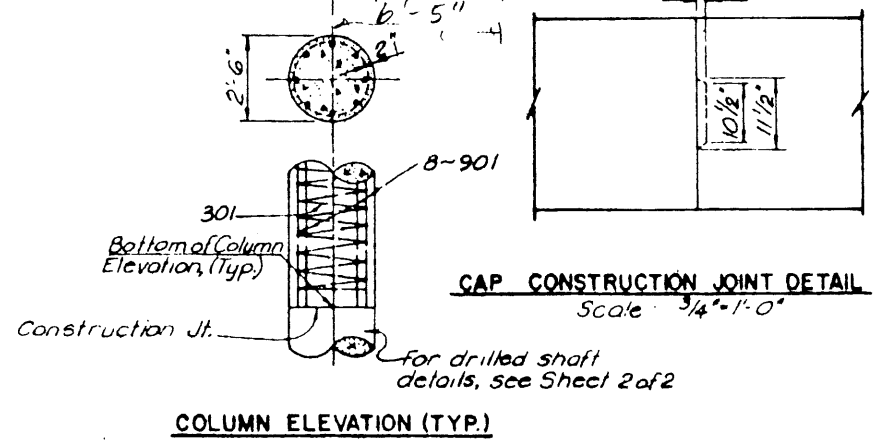


ELEVATION
Scale: 3/8" = 1'-0"



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 Sel "Impact Resistant Grout". The grout shall be mixed and applied in accordance with the manufacturer's recommendations.

- NOTES:**
- All concrete shall be Class "C", design $f_c = 1200$ 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 and Elevation drawing for expansion or fixed end conditions of spans.
 - Average calculated drilled shaft load = 93 tons, shaft.
 - Elevations shown, other than the bearing seat elevations, are given at front face of abutment backwall.
 - See South Abutment Details, Sheet 2 of 2, for Foundation Note.



COLUMN ELEVATION (TYP.)

CAP CONSTRUCTION JOINT DETAIL
Scale: 3/4" = 1'-0"

12.0059

NO.		REVISION		BY		DATE	
TEXAS TURNPIKE AUTHORITY							
DALLAS NORTH TOLLWAY							
VERDE VALLEY LANE OVERPASS							
SOUTH ABUTMENT, DETAILS							
Turner Collier & Braden Inc. Consulting Engineers						SECTION VI	
DESIGNED BY	BST	DATE	3-83	APPROVED BY	FRW	DATE	3-83
CHECKED BY	FRW	DATE	3-83	SCALE	AS NOTED		

1 OF 2 CONTRACT NO. DNT-114 SHEET S-4 OF S-82