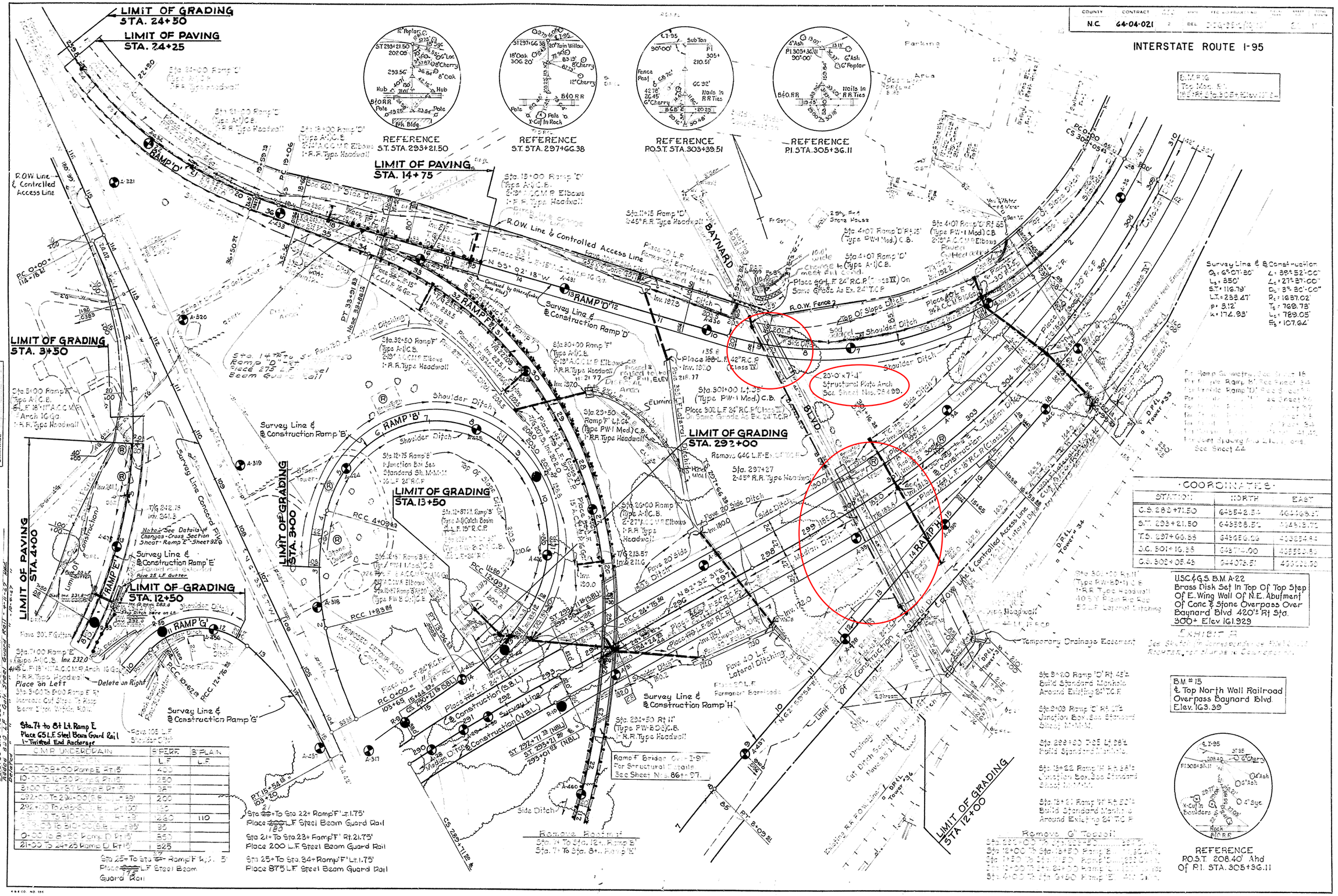
COUNTY	CONTRACT			STATE	FED. AID PROJECT NO.		SHEET	TOTAL SHEETS
N.C.	64-04-021							

INTERSTATE ROUTE I-95



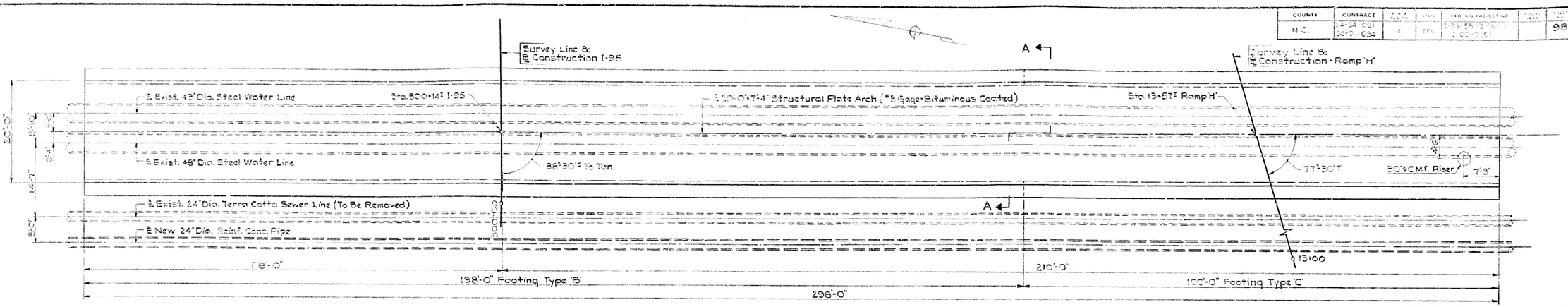
COORDINATES		
STATION	NORTH	EAST
C.S. 282+71.50	648542.54	464468.57
S.T. 293+21.50	648808.57	464513.72
T.S. 297+66.38	648966.06	465854.84
S.C. 301+16.38	648774.00	468553.80
C.S. 302+05.48	644076.51	468620.30

COMPUNDED DRAIN	8" PERF.	8" PLAIN
	L.F.	L.F.
4+00 To 8+00 Ramp E Rt. 15'	400	
10+00 To 14+50 Ramp G Rt. 15'	250	
8+00 To 14+61 Ramp E Rt. 15'	361	
292+00 To 294+00 C.S. (N.B.L.)	200	
292+00 To 296+00 C.S. (S.B.L.)	400	
8+00 To 9+10 Ramp E Rt. 15'	220	110
9+00 To 9+10 Ramp E Rt. 15'	95	
0+00 To 8+50 Ramp D Rt. 15'	850	
21+00 To 24+25 Ramp D Rt. 15'	1,325	

REVISIONS
Added R.O.W. Fence Sta. 14+15, Ramp D to Sta. 310+00, Mainline, Aug. 2, 1965 B.D.W.
11-14-66 Drainage Changed on Ramp 'E' at Sta. 7+00 - Ditch on Left
5 Taps at Sta. 7+00 and Cross Pipe Place & at this sta. - Headwall on Rt. Deleted and Placed on Left. Guard Rail - 4-11-67 HWC
Deleted Sta. 7+ to 8+ Lt. Ramp E - Guard Rail - 10-4-67 HWC

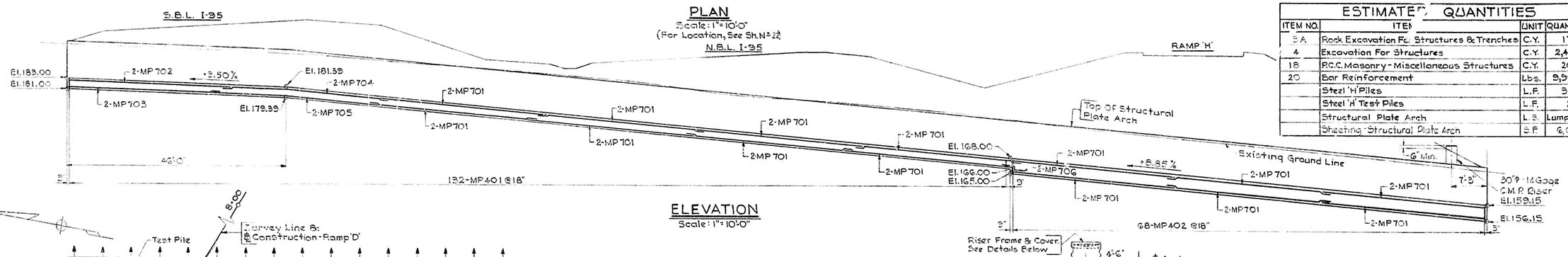
CHECKED
GRADE
ALIGNMENT
TIE POINTS
BENCH MARKS
EARTHWORK
DRAINAGE

COUNTY	CONTRACT	F.A.P. NO.	STATE	FED. AID PROJECT NO.	PROJECT YEAR	SHEET NO.	TOTAL SHEETS
N.C.	34-24-021 30-0-054	3	DEL	I-95-1(88)-2 (60) 7-22-2(8)		98	120



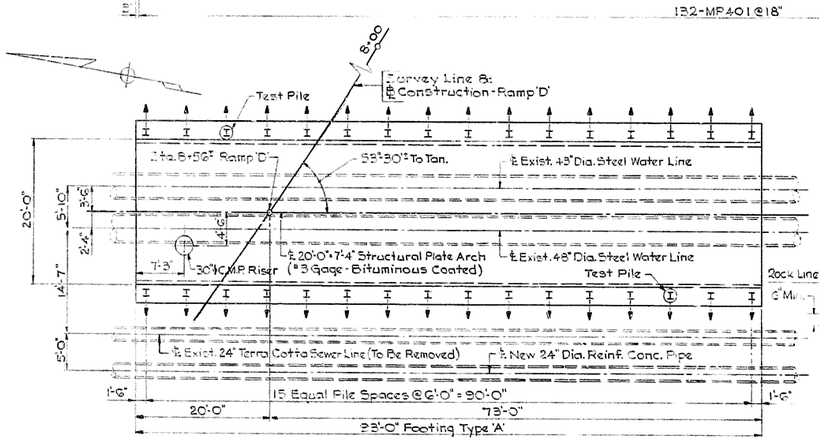
PLAN

Scale: 1" = 10'-0"
(For Location, See Sh. № 22)



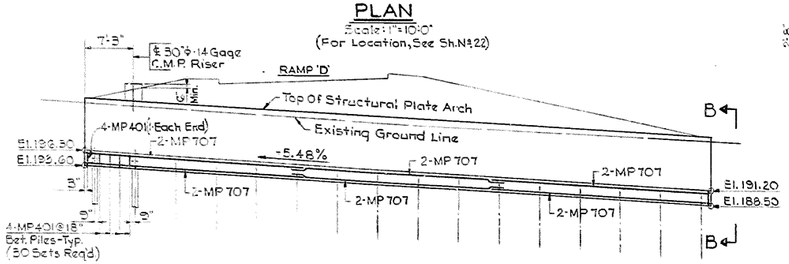
ELEVATION

Scale: 1" = 10'-0"



PLAN

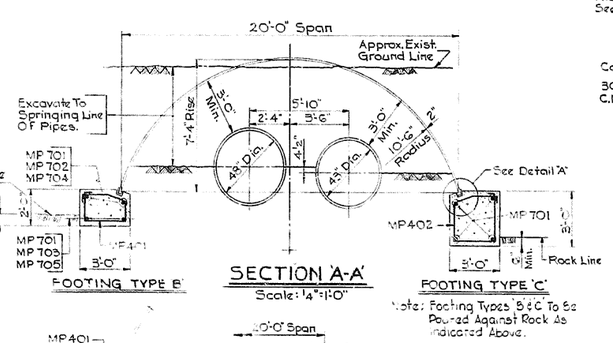
Scale: 1" = 10'-0"
(For Location, See Sh. № 22)



ELEVATION

Scale: 1" = 10'-0"

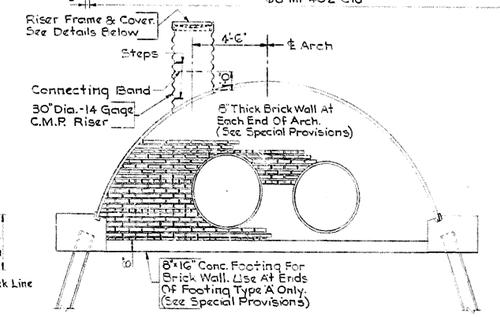
Notes:
All Piles Shall Be Steel H Piles 10BP57
Design Capacity 75 Tons
Indicates Piles Battered 4:12
Indicates Test Piles



SECTION 'A-A'

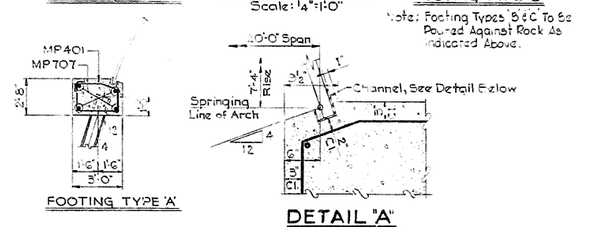
Scale: 1/4" = 1'-0"

Note: Footing Types 'B' & 'C' To Be Poured Against Rock As Indicated Above.



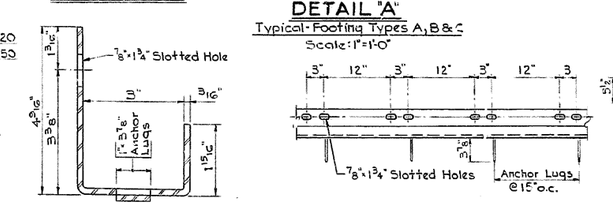
VIEW B-B

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



DETAIL 'A'

Typical-Footing Types A, B & C
Scale: 1" = 1'-0"

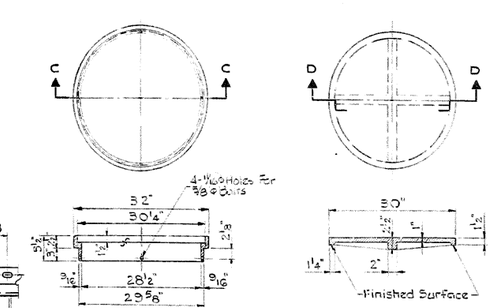


SECTION THRU CHANNEL

Half Scale

BOLT HOLES & ANCHOR LUG SPACING

Scale: 1" = 1'-0"



SECTION C-C FRAME

SECTION D-D COVER

COVER DETAILS FOR C.M.P. RISER

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

ESTIMATED QUANTITIES

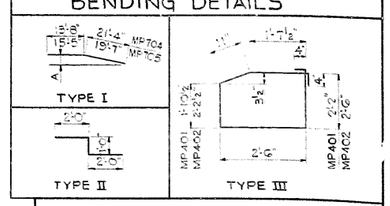
ITEM NO.	ITEM	UNIT	QUANTITY
5A	Rock Excavation Fc. Structures & Trenches	C.Y.	170
4	Excavation For Structures	C.Y.	2,425
18	R.C.C. Masonry - Miscellaneous Structures	C.Y.	200
20	Bar Reinforcement	Lbs.	9,900
	Steel 'H' Piles	L.F.	330
	Steel 'H' Test Piles	L.F.	22
	Structural Plate Arch	L.S.	Lump Sum
	Sheeting - Structural Plate Arch	S.F.	6,600

BAR SCHEDULE

MARK	NO.	SIZE	TYPE	LENGTH	A	B	REMARKS
MP 701	56	#7	Str.	35'-0"			
MP 702	4	#7	Str.	34'-0"			
MP 703	4	#7	Str.	32'-3"			
MP 704	4	#7	I	35'-0"	1'-1½"		
MP 705	4	#7	I	35'-0"	1'-0½"		
MP 706	4	#7	II	5'-0"			
MP 707	24	7	Str.	32'-1"			
MP 401	388	#4	III	21'-9"			
MP 402	136	#4	III	10'-5"			

Note: All Bar Dimensions Are Out To Out.

BENDING DETAILS



DELAWARE
STATE HIGHWAY DEPARTMENT

INTERSTATE ROUTE - 95

STRUCTURAL PLATE ARCH AT STA. 300+14±

D. A.T.B.
T. A.T.B.
C. H.B.H.

SCALE: AS NOTED

APPROVED BY:
BRIDGE ENGINEER