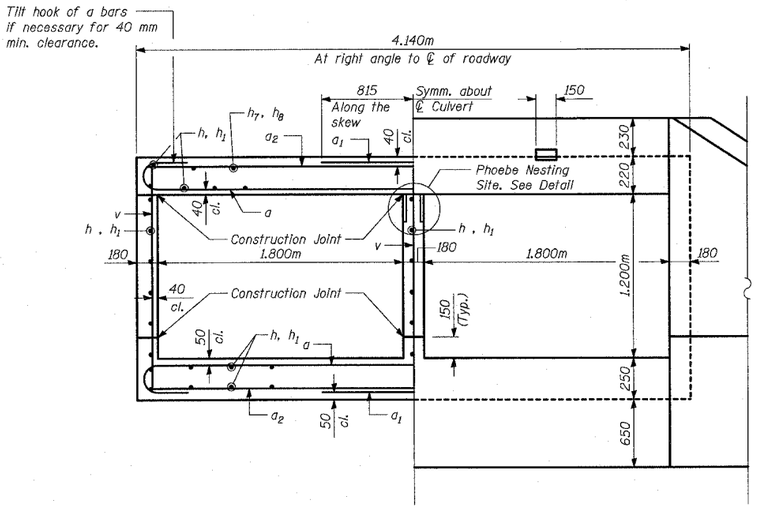
FAP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	447
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

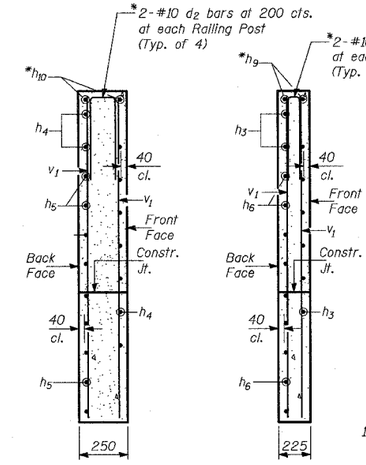
SHEET NO. 5
9 SHEETS

D-91-552-99 Contract No. 60881

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

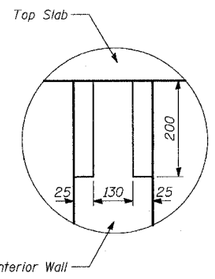


HALF SECTION THRU BARREL



SECTION B-B SECTION C-C

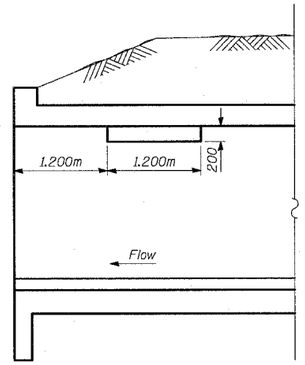
* South end Wing Walls only.



NOTCH DETAIL

NOTES:

1. Notch formed by rough finished board attatched to and removed with formwork. Do not chamfer.

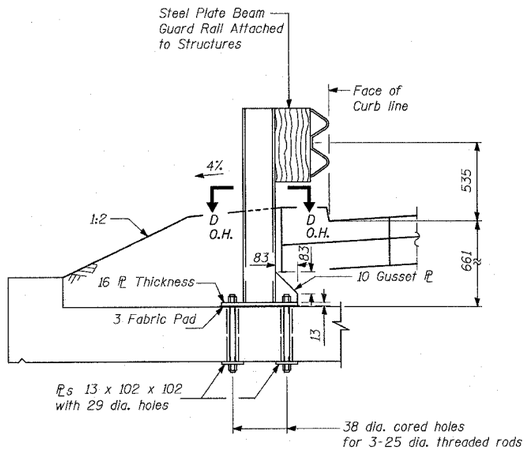


LONGITUDINAL SECTION

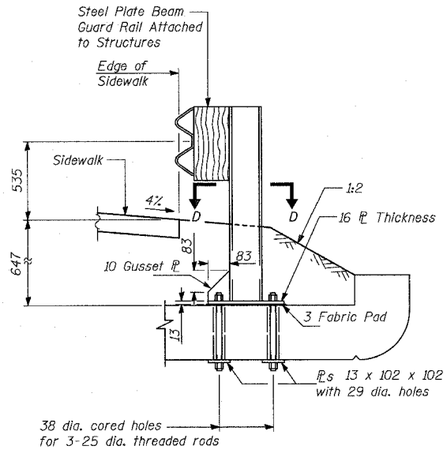
PHOEBE NESTING SITE
(Near downstream end)

BILL OF MATERIAL

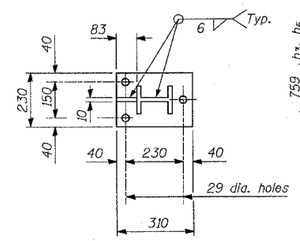
Bar	No.	Size	Length (m)	Shape
a	406	#20	4.92	
a_1	192	#20	1.63	
a_2	96	#15	4.47	
d	30	#15	1.36	
d_1	4	#10	0.73	
d_2	4	#10	0.76	
h	124	#15	7.68	
h_1	124	#15	8.22	
h_2	22	#20	4.52	
h_3	16	#10	2.40	
h_4	18	#15	2.40	
h_5	18	#15	3.72	
h_6	18	#15	2.83	
h_7	28	#10	7.59	
h_8	28	#10	8.12	
h_9	2	#15	1.88	
h_{10}	2	#15	2.92	
s	15	#10	1.41	
s_1	15	#10	1.36	
v	352	#15	1.58	
v_1	16	#15	2.47	
Concrete Box Culverts		CU M		87
Reinforcement Bars		KG		11,130
Bar Splicers		EACH		76
Steel Plate Beam Gaurd Rail, Attached to Structures		METER		9.2



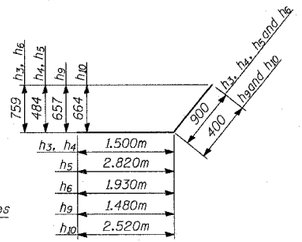
CROSS SECTION
(At North End)



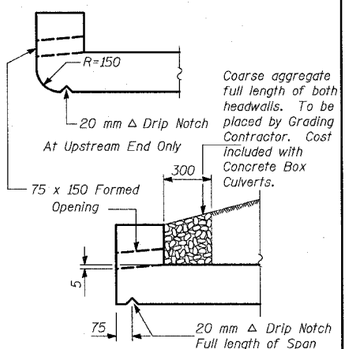
CROSS SECTION
(At South End)



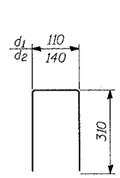
SECTION D-D



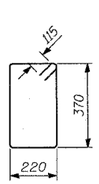
BARS h_3, h_4, h_5, h_6, h_9 and h_{10}



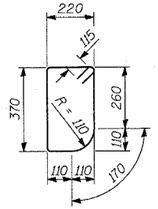
DRAIN DETAIL



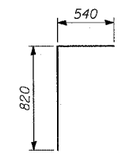
BARS d_1 and d_2



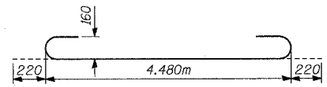
BAR S



BAR S_1



BAR d



BAR a

TYLIN INTERNATIONAL

DESIGNED	MI, MAF
CHECKED	TD
DRAWN	MAF
CHECKED	TD, MI
DATE	03-22-2004

STEEL PLATE BEAM GUARD RAIL ATTACHED TO STRUCTURES

LEGEND

O.H. - denotes opposite hand.

CULVERT SECTIONS AND DETAILS

IL ROUTE 22 OVER
INDIAN CREEK TRIBUTARY
FAP 337 SECTION 20R-5
LAKE COUNTY
STA. 104+504.000
S.N. 049-C002

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