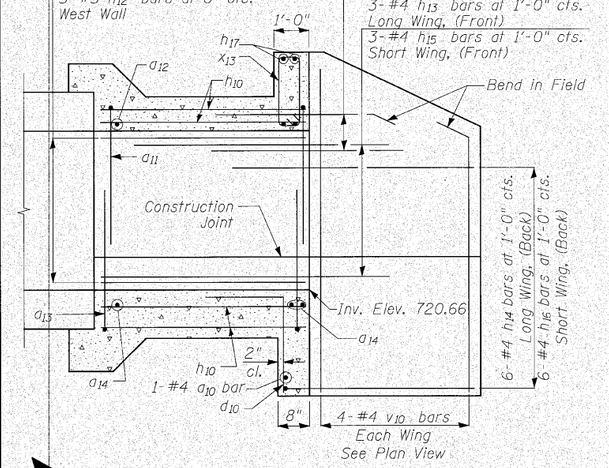
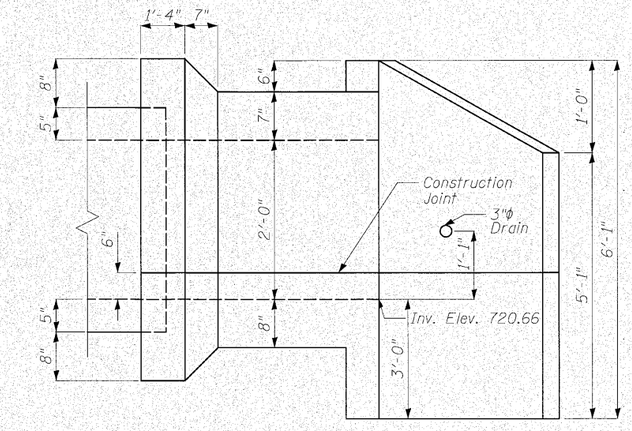
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	Will	608	480
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

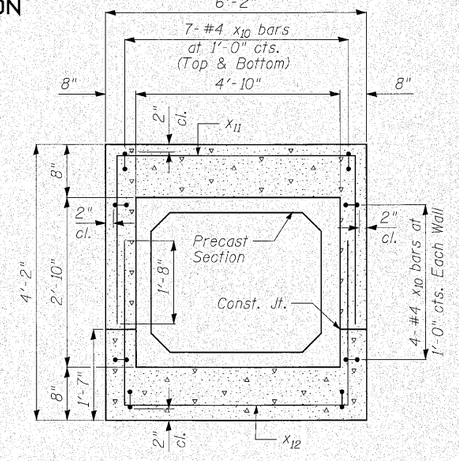
SHEET NO. 5
9 SHEETS
Contract No. 62478



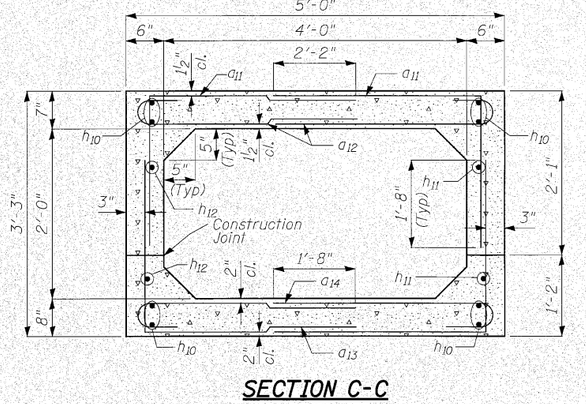
LONG. SECTION
Showing Reinforcement



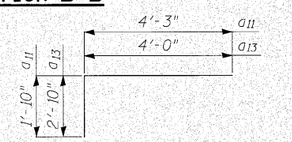
ELEVATION
Showing Dimensions



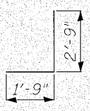
SECTION B-B



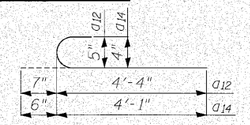
SECTION C-C



BARS a_{11} & a_{13}



BAR d_{10}

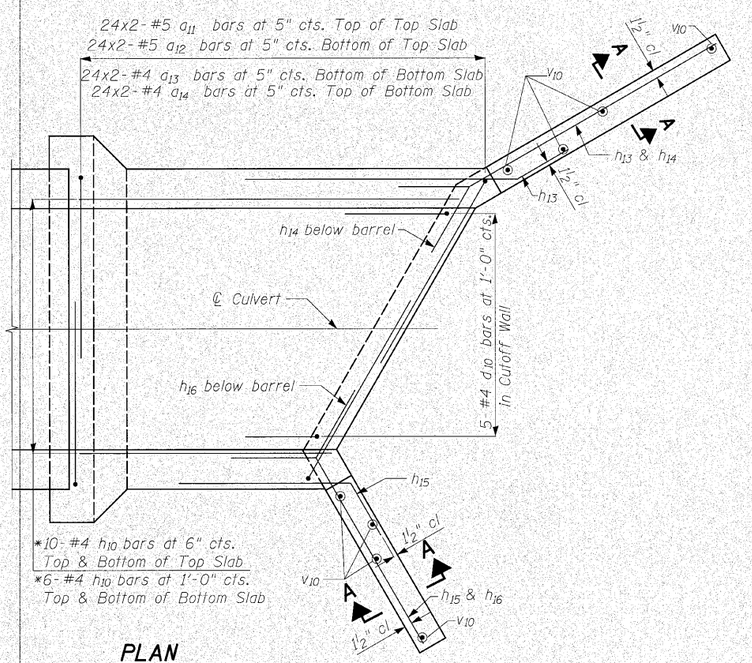


BARS a_{12} & a_{14}

BILL OF MATERIAL

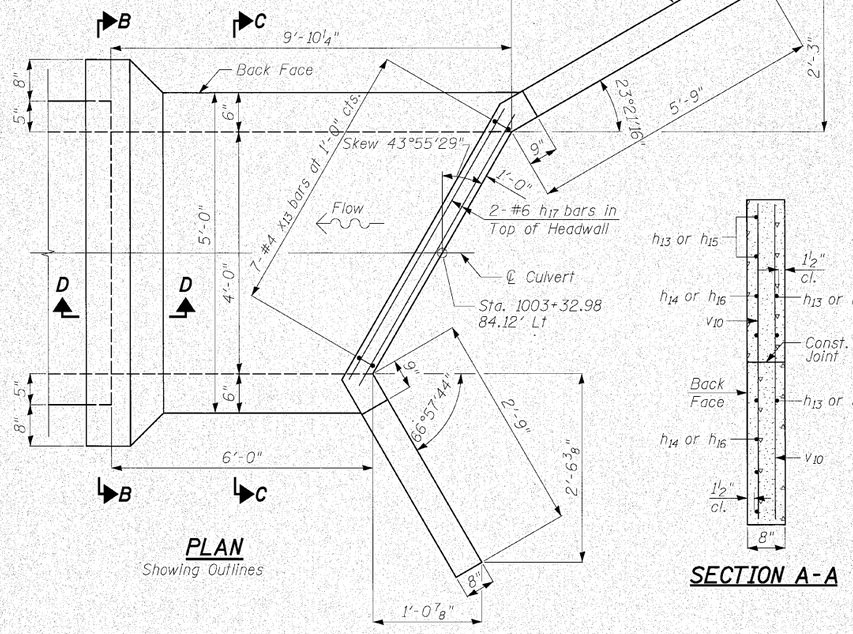
Bar	No.	Size	Length	Shape
a_{10}	1	#4	6'-1"	
a_{11}	48	#5	5'-11"	
a_{12}	48	#5	4'-11"	
a_{13}	48	#4	6'-10"	
a_{14}	48	#4	4'-7"	
d_{10}	5	#4	4'-6"	
h_{10}	16	#4	15'-4"	
h_{11}	5	#5	5'-8"	
h_{12}	5	#5	9'-6"	
h_{13}	5	#4	8'-0"	
h_{14}	6	#4	8'-5"	
h_{15}	5	#4	5'-3"	
h_{16}	6	#4	5'-8"	
h_{17}	2	#6	6'-1"	
v_{10}	8	#4	5'-9"	
x_{10}	22	#4	5'-3"	
x_{11}	3	#4	10'-3"	
x_{12}	3	#4	12'-3"	
x_{13}	7	#4	3'-11"	
Concrete Structures			Cu. Yd.	5.2
Reinforcement Bars			Pound	1,460

24x2-#5 a_{11} bars at 5" cts. Top of Top Slab
24x2-#5 a_{12} bars at 5" cts. Bottom of Top Slab
24x2-#4 a_{13} bars at 5" cts. Bottom of Bottom Slab
24x2-#4 a_{14} bars at 5" cts. Top of Bottom Slab



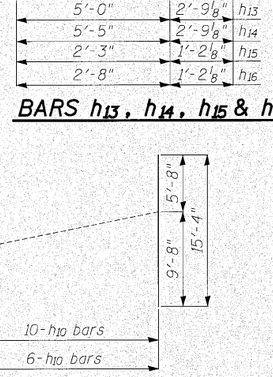
*10-#4 h_{10} bars at 6" cts. Top & Bottom of Top Slab
*6-#4 h_{10} bars at 1'-0" cts. Top & Bottom of Bottom Slab

PLAN
Showing Reinforcement



PLAN
Showing Outlines

SECTION A-A

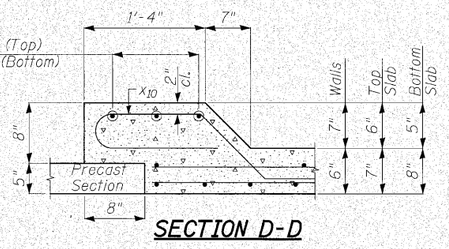


BARS h_{13}, h_{14}, h_{15} & h_{16}

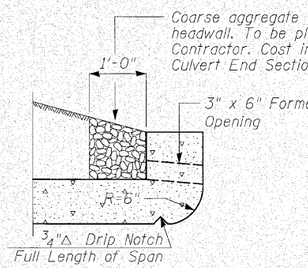
*FIELD CUTTING DIAGRAMS
Order bars full length. Cut to fit as shown and place in the bottom of the slab. Use remainder of bars in the top of the slab.

Notes:
Quantity of Concrete Structures and Reinforcement Bars is shown for information only.
Bars indicated thus 24x2-#5 etc. indicates 24 lines of bars with 2 lengths per line.

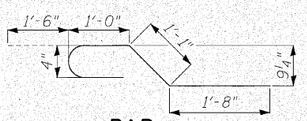
3-#4 x_{11} bars at 1'-0" cts. (Top)
3-#4 x_{12} bars at 1'-0" cts. (Bottom)



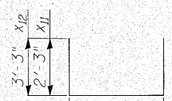
SECTION D-D



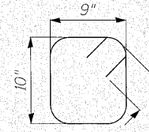
SECTION THRU HEADWALL



BAR x_{10}



BARS x_{11} & x_{12}



BAR x_{13}

DESIGNED	SST
CHECKED	SPK
DRAWN	JHP
CHECKED	SST

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END SECTION E
U.S. ROUTE 30 OVER
DRAINAGE DITCH
F.A.P. ROUTE 353 SEC. (12&13)WRS-4
WILL COUNTY
STATION 579+38.78
STRUCTURE NO. 099-C028

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