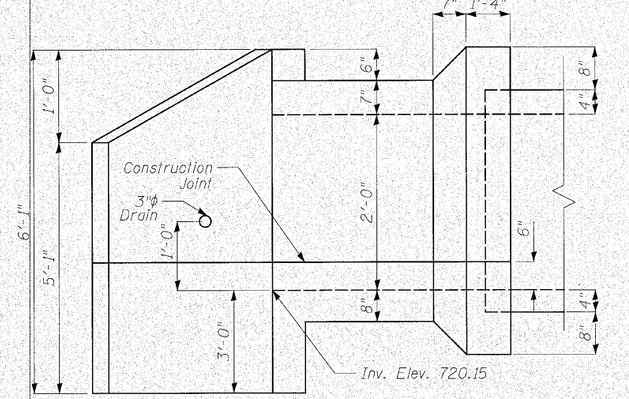
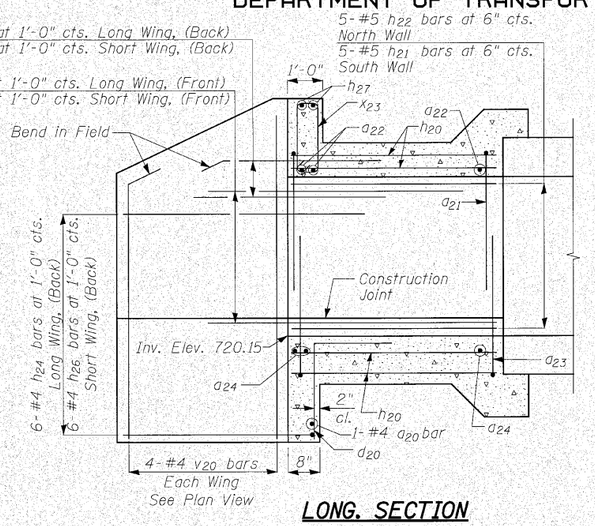
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	Will	608	481
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

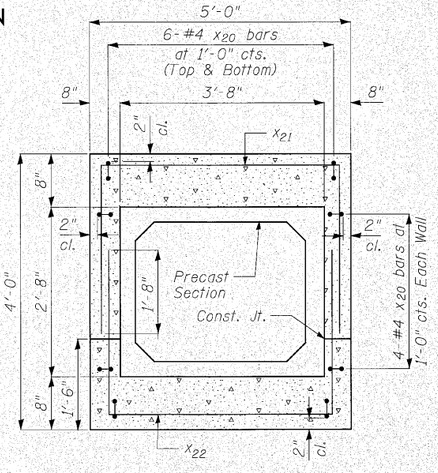
SHEET NO. 6
9 SHEETS
Contract No. 62478



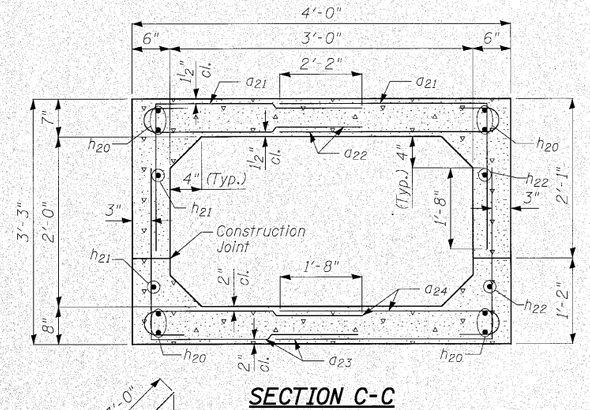
ELEVATION
Showing Dimensions



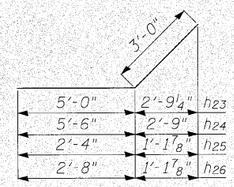
LONG. SECTION
Showing Reinforcement



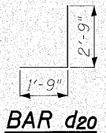
SECTION B-B



SECTION C-C



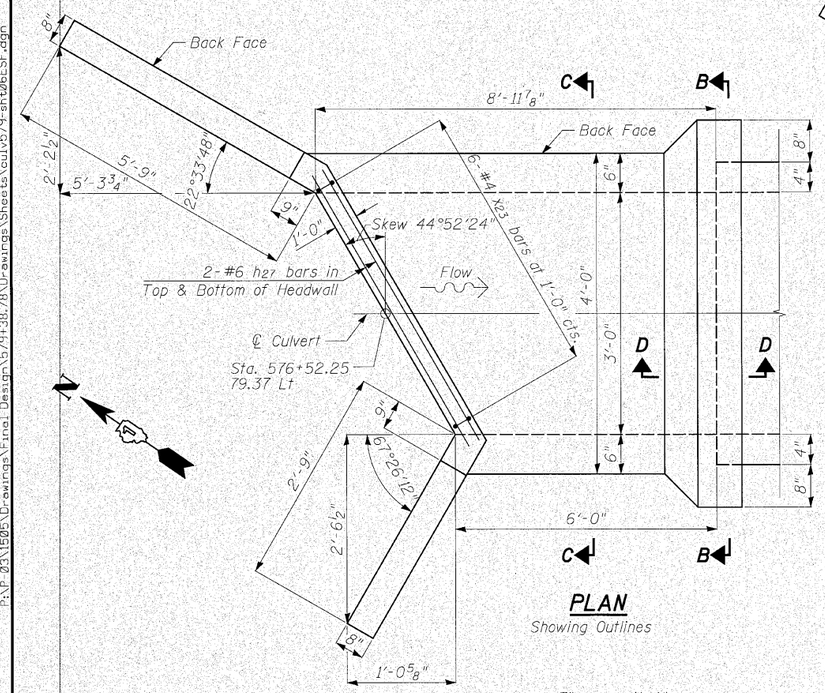
BARS h23, h24, h25& h26



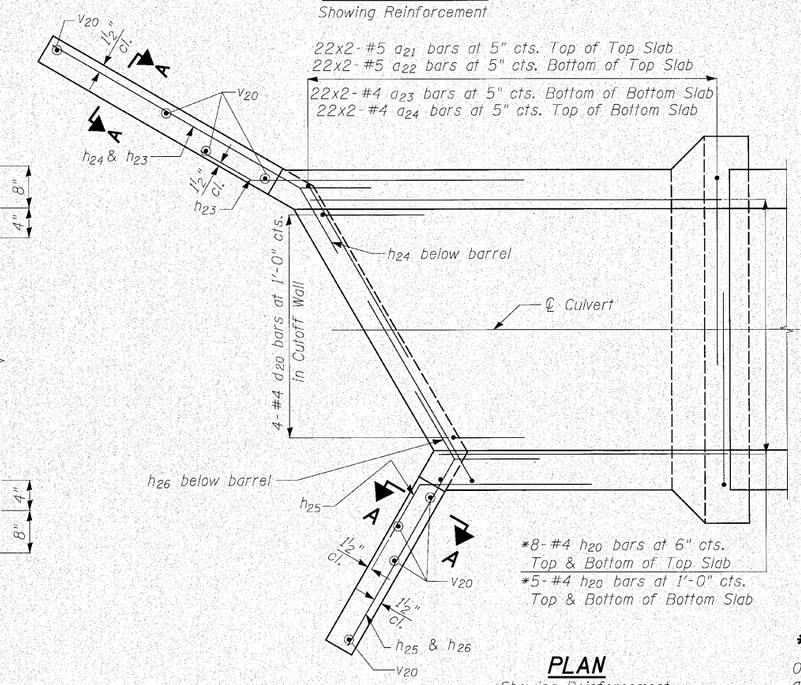
BAR d20

BILL OF MATERIAL

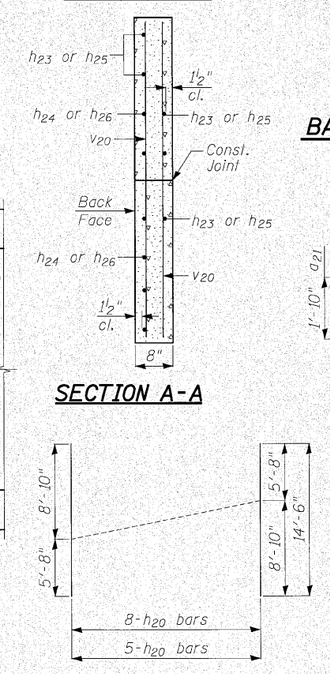
Bar	No.	Size	Length	Shape
a_{20}	1	#4	5'-11"	
a_{21}	44	#5	5'-5"	
a_{22}	44	#5	4'-3"	
a_{23}	44	#4	6'-2"	
a_{24}	44	#4	3'-11"	
d_{20}	4	#4	4'-6"	
h_{20}	13	#4	14'-6"	
h_{21}	5	#5	5'-8"	
h_{22}	5	#5	8'-10"	
h_{23}	5	#4	8'-0"	
h_{24}	6	#4	8'-6"	
h_{25}	5	#4	5'-4"	
h_{26}	6	#4	5'-8"	
h_{27}	2	#6	5'-11"	
v_{20}	8	#4	5'-9"	
x_{20}	20	#4	5'-1"	
x_{21}	3	#4	8'-9"	
x_{22}	3	#4	10'-11"	
x_{23}	6	#4	3'-11"	
Concrete Structures			Cu. Yd.	4.6
Reinforcement Bars			Pound	1,230



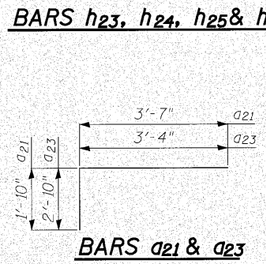
PLAN
Showing Outlines



PLAN
Showing Reinforcement

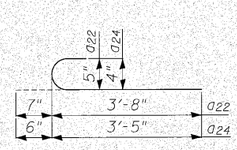


SECTION A-A



BARS a21 & a23

*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.



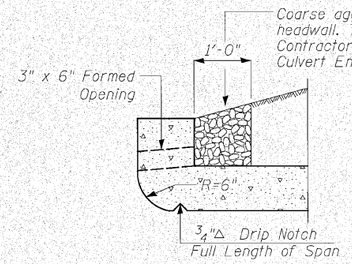
BARS a22 & a24

BARS x21 & x22

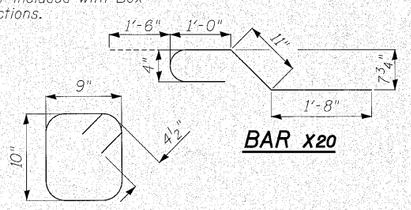
Notes:

Quantity of Concrete Structures and Reinforcement Bars is shown for information only.

Bars indicated thus 22x2-#5 etc. indicates 22 lines of bars with 2 lengths per line.



SECTION THRU HEADWALL



BAR x20

BAR x23

BARS a21 & a23

BARS a22 & a24

BARS x21 & x22

DESIGNED	SST
CHECKED	SPK
DRAWN	JHP
CHECKED	SST

INFRASTRUCTURE ENGINEERING | INCORPORATED
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P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com

END SECTION F
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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