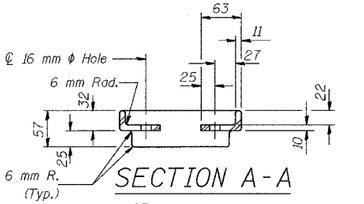
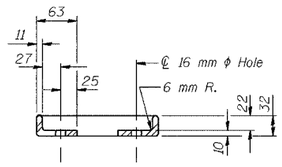
80201

68201	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FAI 74	*	TAZEWELL	1366	576
STA.		TO STA.			
F.H.W.A. REGION		ILLINOIS		PROJECT	

SHEET 31 OF 56



SECTION A-A



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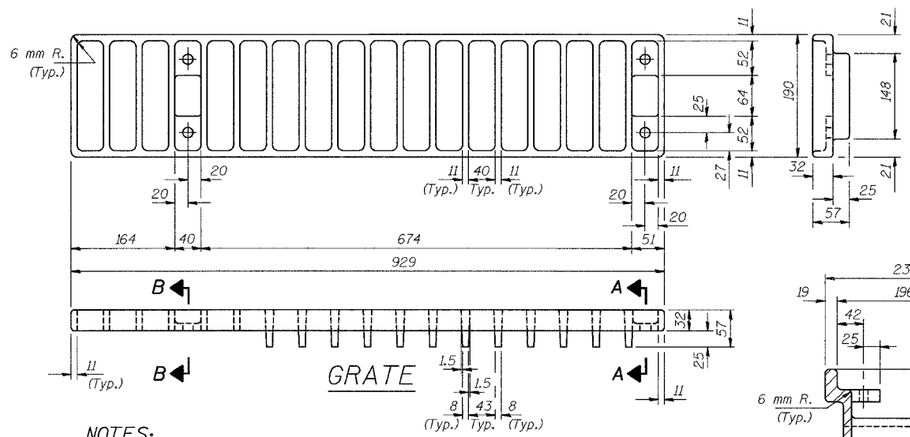
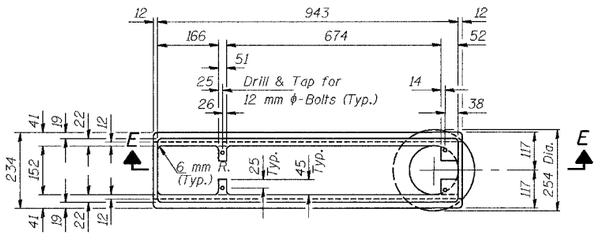
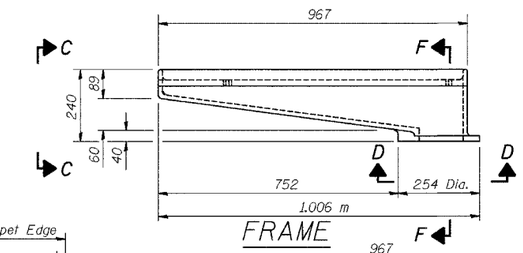


GRAPE





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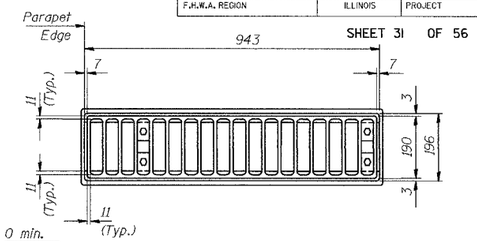
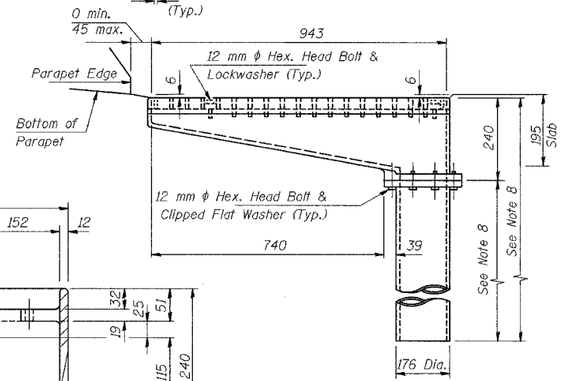
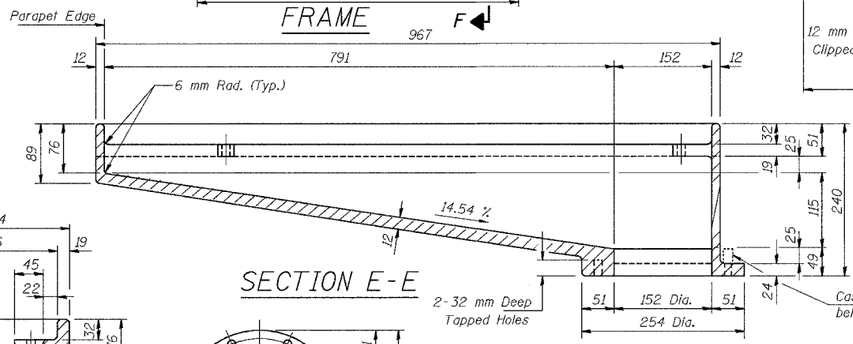
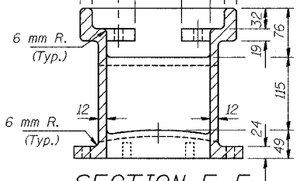




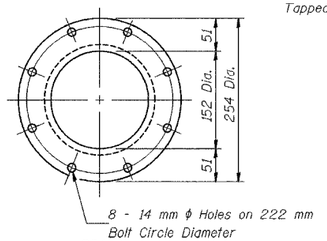
DRAINAGE SCUPPER

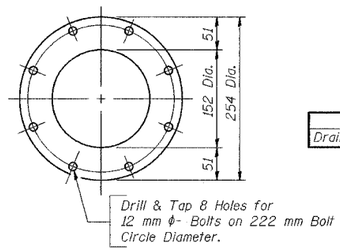


SECTION E-E

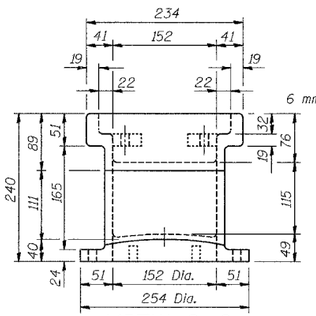


SECTION F-F

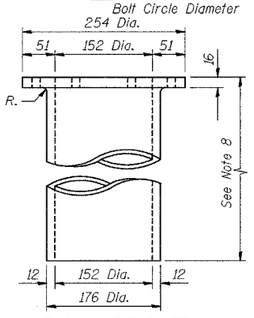




VIEW D-D



VIEW C-C



DOWNSPOUT

NOTES:

1. All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 30.
2. Bolts and washers shall conform to the requirements of ASTM A 307.
3. All bolts and washers shall be galvanized according to AASHTO M 232. As an alternate bolts and washers may be stainless steel.
4. Cost of the Grate, Frame, Downspout, bolts and washers including complete installation of Scupper will be paid for at the unit bid price each for "DRAINAGE SCUPPERS, TYPE 1."
5. The Contractor may use at his option steel drainage scuppers or cast iron drainage scuppers.
6. All dimensions are in millimeters (mm) except as noted.
7. Edge of scupper to be placed at edge of parapet except when prohibited by wide top flange of beam.
8. Dimensions must be determined by the Contractor at each scupper location and must be set to accommodate 25mm min. clearance shown on sheet 13, including fittings. See sheet 32 for scupper locations and details.

DESIGNED	HAA
CHECKED	KWS
DRAWN	VH
CHECKED	KJN

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scuppers, Type 1	Each	5

alfred benesch & company
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601
JOB NO. 3573

ILLINOIS DEPARTMENT OF TRANSPORTATION
RAMP K-2 OVER
MAIN ST & RAMP J-3
F.A.I. ROUTE 74 (I-74)
SECTION 90-IIHB-5

DRAINAGE SCUPPER, TYPE 1

SN: 090-0156
TAZEWELL CO., IL.

STA. 10+529.222
DATE: 12-23-04

2/3/2005

m:\proj\3573\r-ramp\2\s11dr1-7a090056.dgn