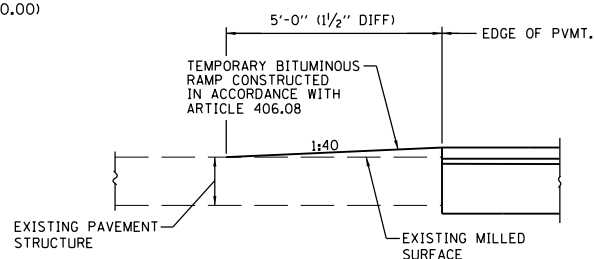
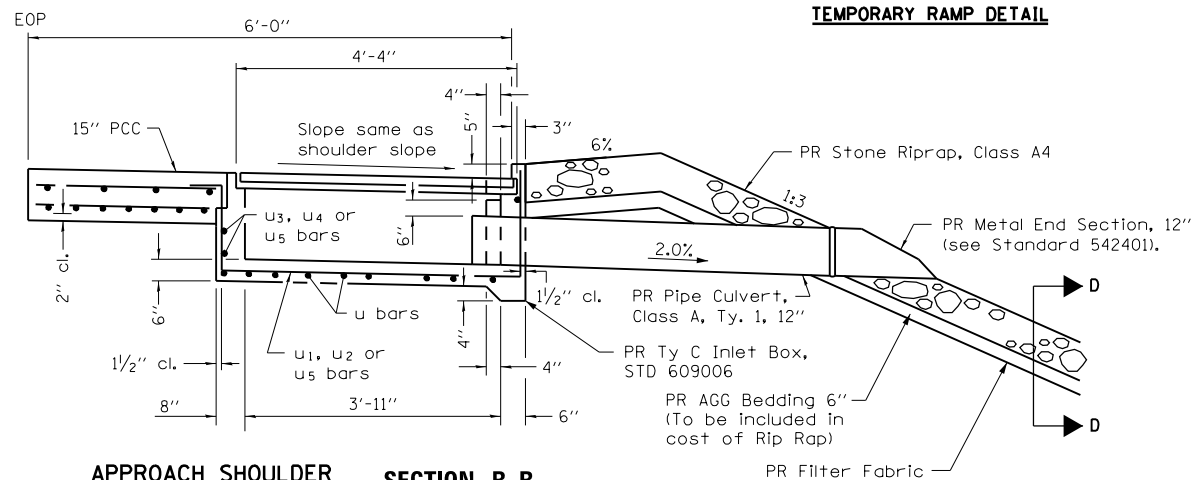


BUTT JOINT DETAIL
(STA. 953+00.00 TO STA. 953+45.00)
(STA. 1003+05.00 TO STA. 1003+50.00)



TEMPORARY RAMP DETAIL

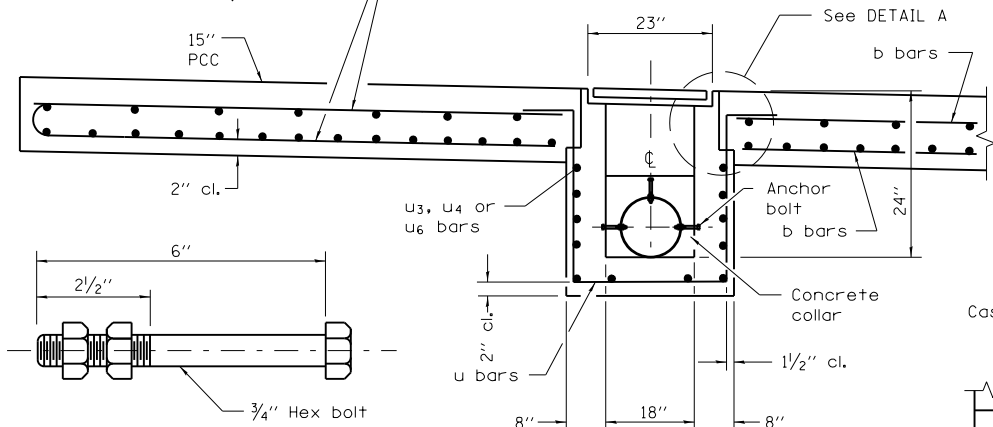


APPROACH SHOULDER DRAIN DETAIL

(STA 996+34.28, 13.50' LT)
(STA 996+41.57, 13.50' RT)
(STA 998+33.60, 15.50' LT)
(STA 998+47.69, 15.50' RT)

SECTION B-B

b bars to be cut in field with remainder of bar used on other side of Inlet Box.



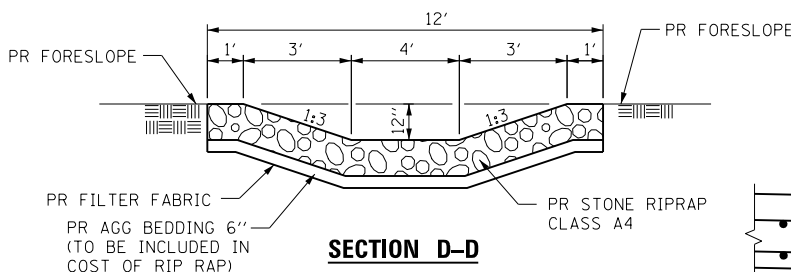
SECTION A-A

ANCHOR BOLT

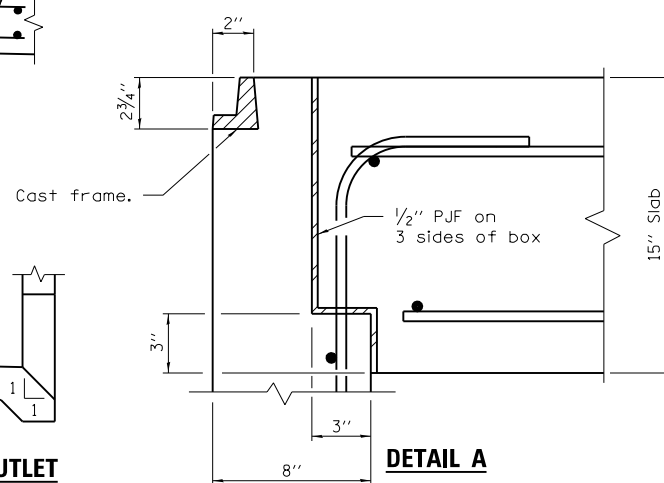
(Used to tie pipe to concrete collar)

INLET TYPE	SHOULDER WIDTH	O-O GRATING FRAME	INLET BOX INSIDE WIDTH	INLET BOX INSIDE LENGTH
Type C	6'	4'-4"	3'-11"	18"

BOX OUTLET WHEN PRECAST

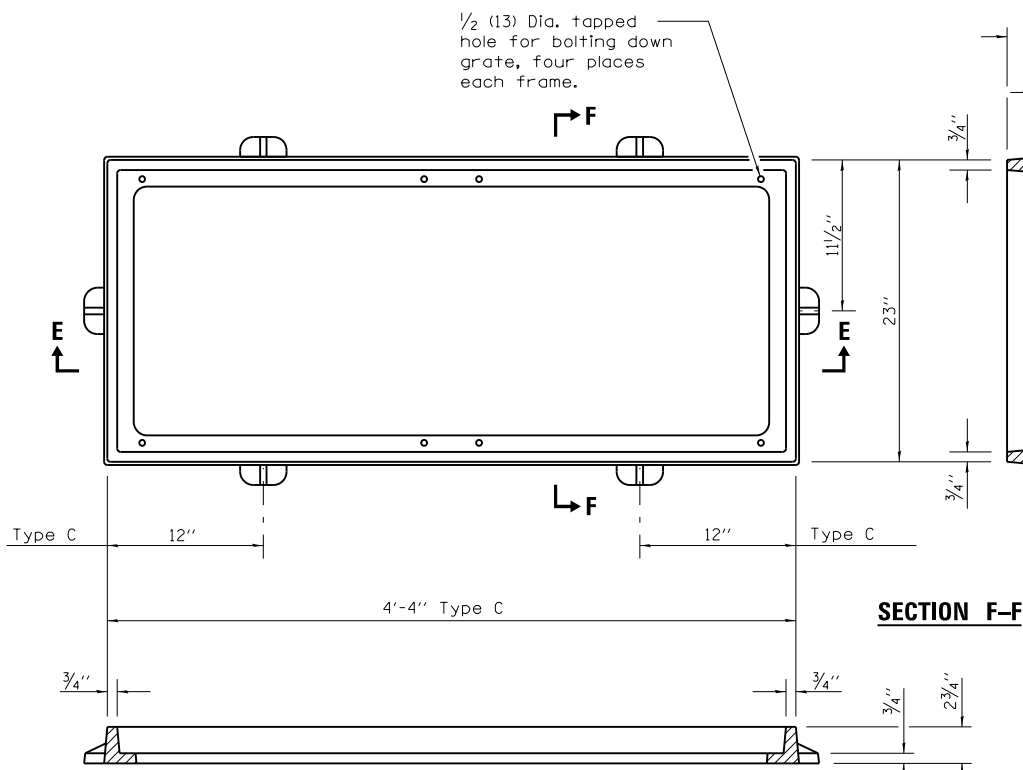


SECTION D-D



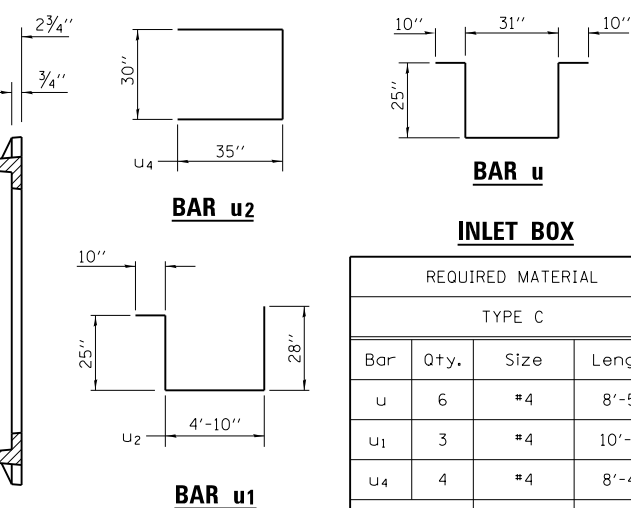
DETAIL A

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION E-E

DETAIL OF CAST FRAME



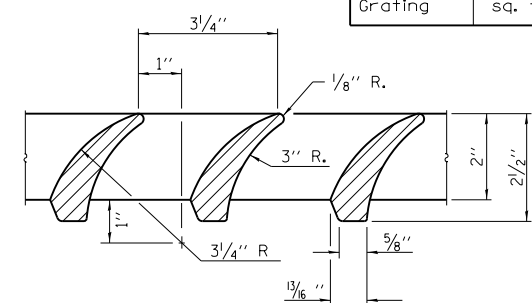
BAR u

BAR u2

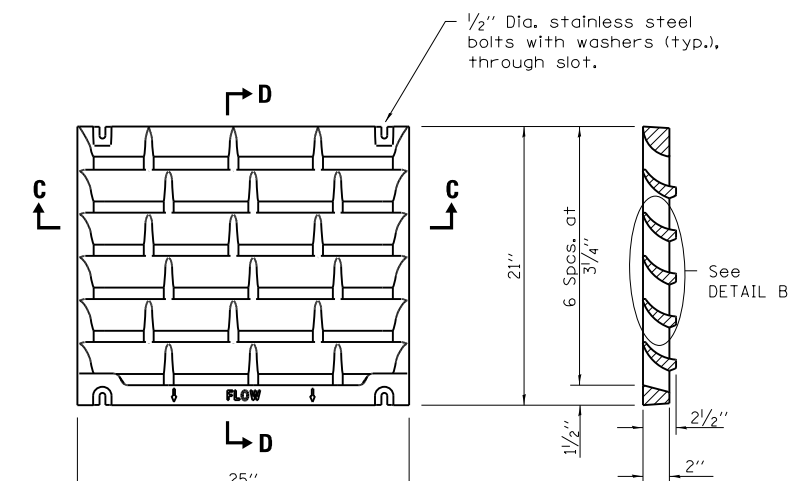
BAR u1

INLET BOX

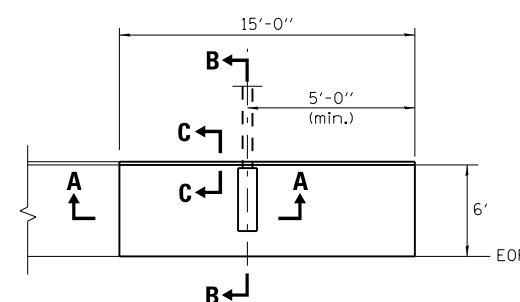
REQUIRED MATERIAL			
TYPE C			
Bar	Qty.	Size	Length
u	6	#4	8'-5"
u1	3	#4	10'-1"
u4	4	#4	8'-4"
Concrete	cu. yds.		0.8
Reinf. bars	lbs.		76
Grating	sq. ft.		7.3



DETAIL B



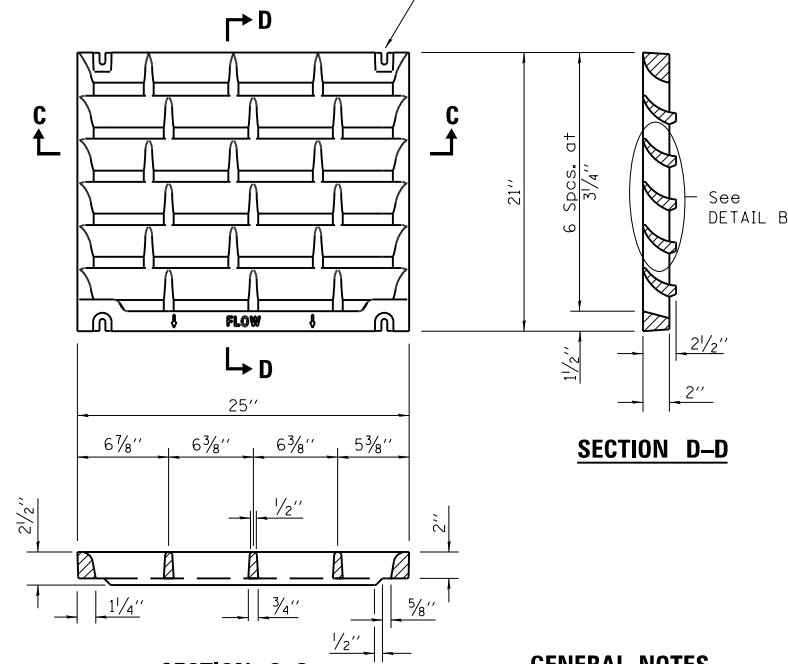
SECTION D-D



TYPICAL DETAIL PLAN

APPROACH SHOULDER & DRAIN DETAIL

STA. 1946+81.24 LT
STA. 1946+81.24 RT



SECTION C-C

DETAIL OF CAST GRATE

Type C requires 2 grates

GENERAL NOTES

All exposed edges of the inlet, except the upper perimeter, shall be beveled 3/4 (20).

All dimensions are in inches (millimeters) unless otherwise shown.

The **VOLKERT/DMA**
Joint Venture

USER NAME : sparksgw
DESIGNED - DRH
DRAWN - DRH
PLOT SCALE : 40.0000' / in.
CHECKED - DRH
PLOT DATE : Aug-31-2011 09:43:38AM
DATE - 8/26/2011

REVISD -
REVISED -
REVISED -
REVISED -
REVISED -

MISCELLANEOUS DETAILS
SCALE: N.T.S.
SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
614 144 (B-4); 144 (B-5) CASS 97 76
CONTRACT NO. 72B55
ILLINOIS FED. AID PROJECT