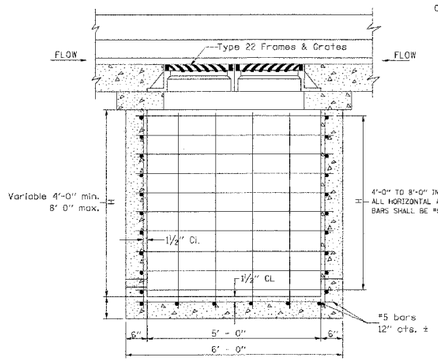
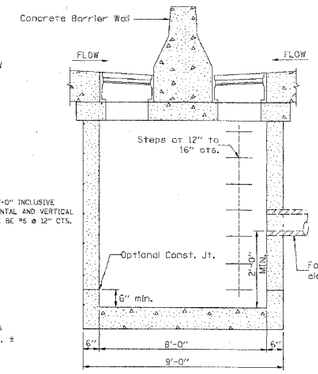
CONTRACT NO. 60B47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-3	WILL	305	124
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

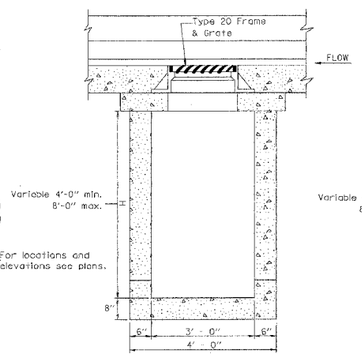
DDET 5 OF 5



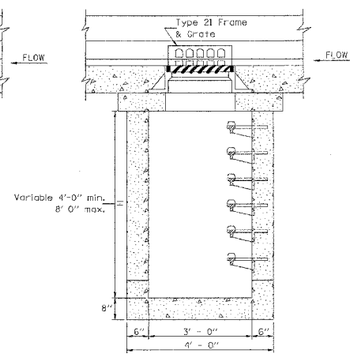
FRONT ELEVATION
(DRAINAGE STRUCTURE, TYPE 8x5)
TYPE 22 FRAME AND GRATE



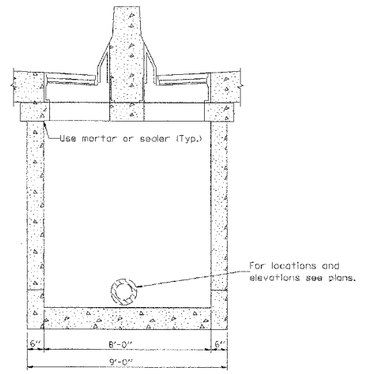
SIDE ELEVATION
(DRAINAGE STRUCTURE, TYPE 8x3 & 8x5)
TYPE 20 & 22 FRAME AND GRATE



FRONT ELEVATION
(DRAINAGE STRUCTURE,
TYPE 8x3)
TYPE 20 FRAME AND GRATE

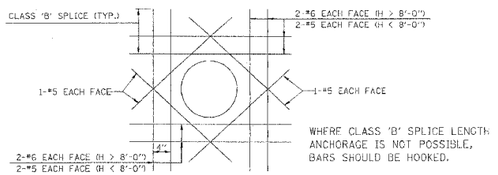


FRONT ELEVATION
(DRAINAGE STRUCTURE, TYPE 8x3)

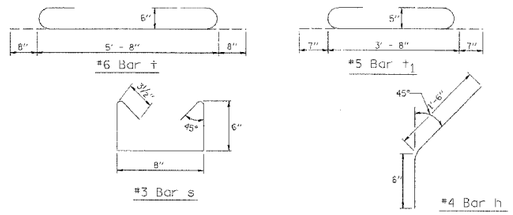


SIDE ELEVATION
(DRAINAGE STRUCTURE, TYPE 8x3)

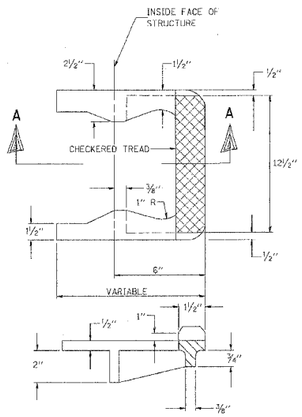
TYPE 21 FRAME AND GRATE



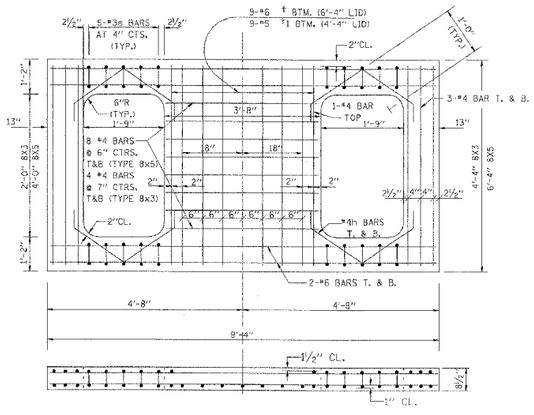
TYPICAL REINFORCEMENT DETAIL AROUND OPENINGS
(OPENING > 12")



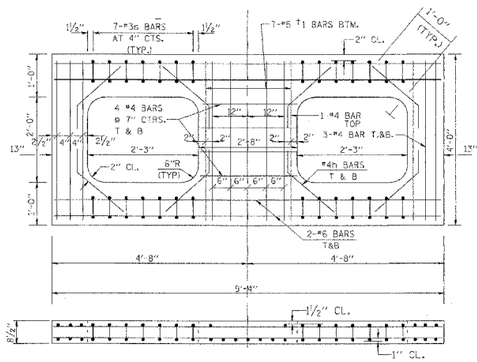
BAR DETAILS



SECTION A-A
CAST IRON STEPS



REINFORCED LID FOR
DRAINAGE STRUCTURES, TYPE 8x3 & 8x5
TYPE 20 & 22 FRAME AND GRATE



REINFORCED LID FOR
DRAINAGE STRUCTURE, TYPE 8x3
TYPE 21 FRAME & GRATE
(FOR USE IN SAG AREAS)

08/04/2003
c:\pro\acte\dtstsh\cs09.dgn
VHCS9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55
143RD STREET TO WEBER ROAD

DRAINAGE STRUCTURE TYPE 8X3 AND 8X5
FOR H LESS THAN OR EQUAL TO 8'-0"

SCALE:
DRAWN BY JRM
DATE: 02-23-07
CHECKED BY TEH

PB PARSONS BRINCKERHOFF

FINAL