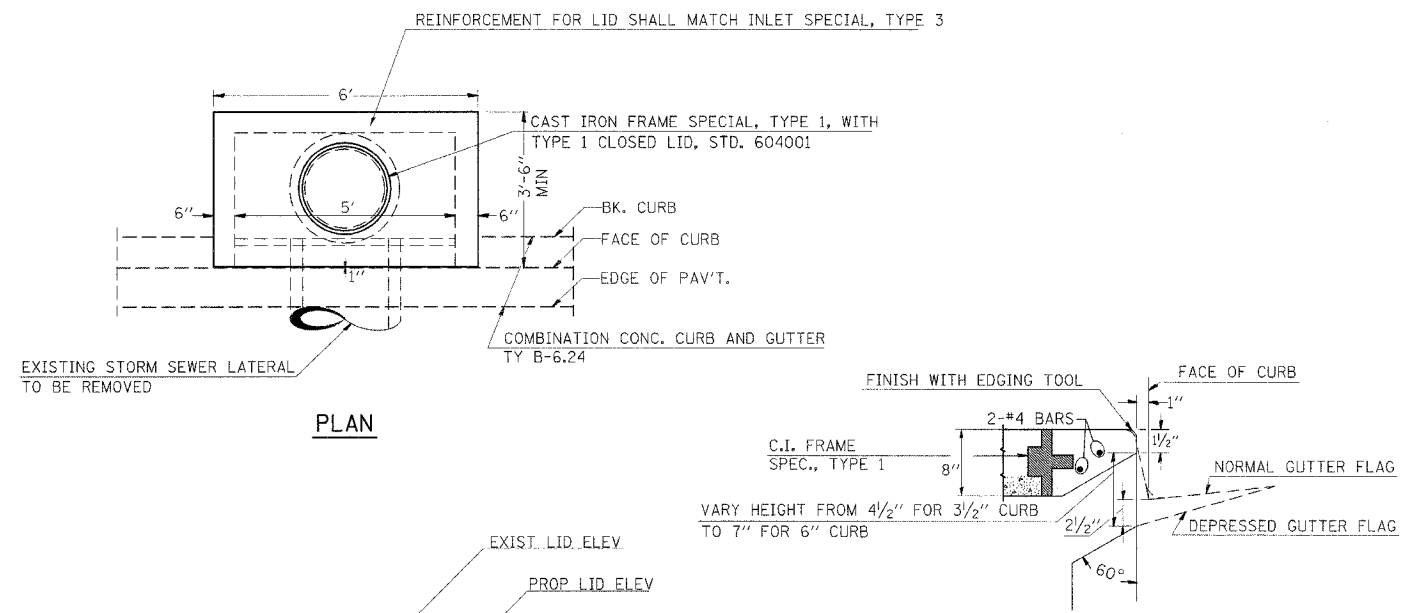
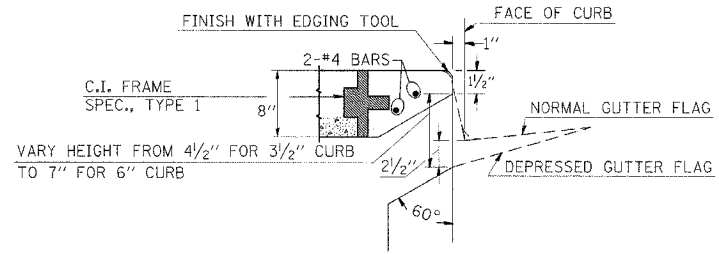


F.A.P. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	*	JACKSON	258	86
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (12-1)2N,1-5,TS-3,B-1				

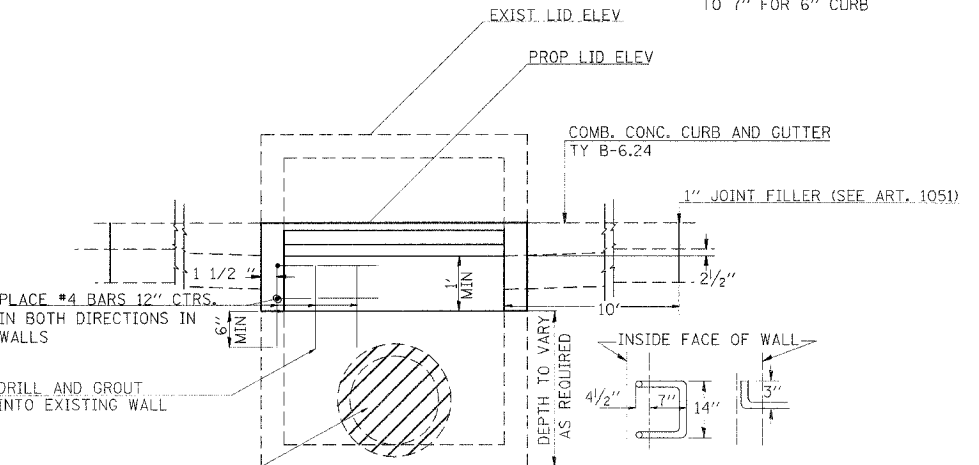
INLET MODIFICATION



PLAN

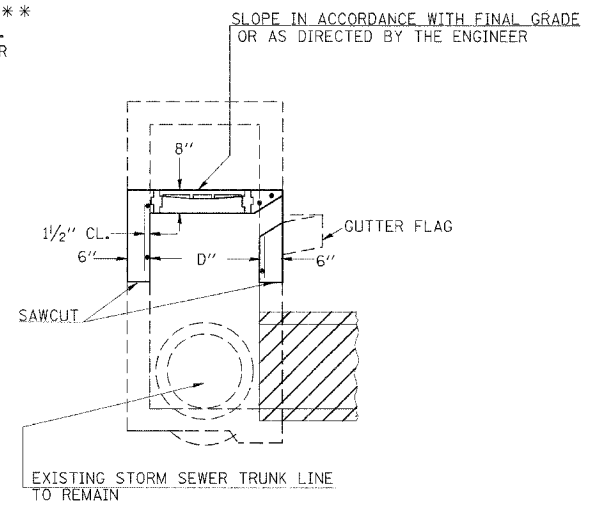


DETAIL AT WEIR



ELEVATION

DESIGN	PIPE DIAM.	"D"
A	18" & LESS	2'-6"
B	21" & 24"	3'-0"
C	27" & 30"	3'-7"
D	33" & 36"	4'-2"
E	42"	4'-9"
F	48"	5'-0"
G	54"	6'-1"



SECTION

NOTES:

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. SET FACE OF INLET 1" BEHIND FACE OF CURB. DEPRESS GUTTER FLOWLINE AT INLET 2 1/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

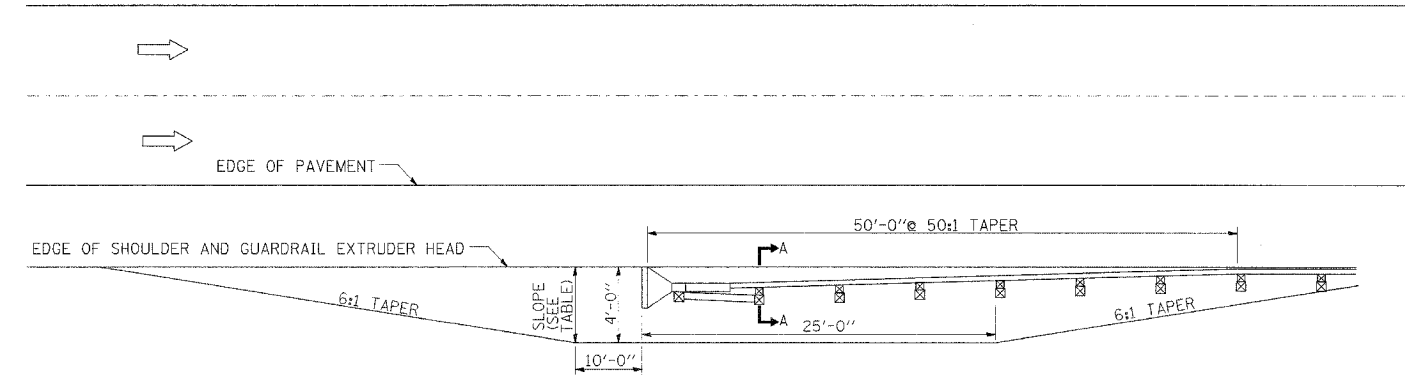
INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR INLET MODIFICATION WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

**THE GALV. IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT WILL CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN, MAY BE USED WHEN APPROVED BY THE ENGINEER.

PRECAST INLET LIDS MAY BE USED IN CONJUNCTION WITH CAST IN PLACE WALLS WHEN APPROVED BY THE ENGINEER

REMOVAL ELEVATION SHALL BE DETERMINED BY THE ENGINEER ON AN INDIVIDUAL BASIS FOR EACH INLET TO BE MODIFIED GIVEN THE PROPOSED LID ELEVATIONS AND CONDITION OF EXISTING WALLS

SHOULDER WIDENING TRANSITION FOR TANGENT TERMINAL

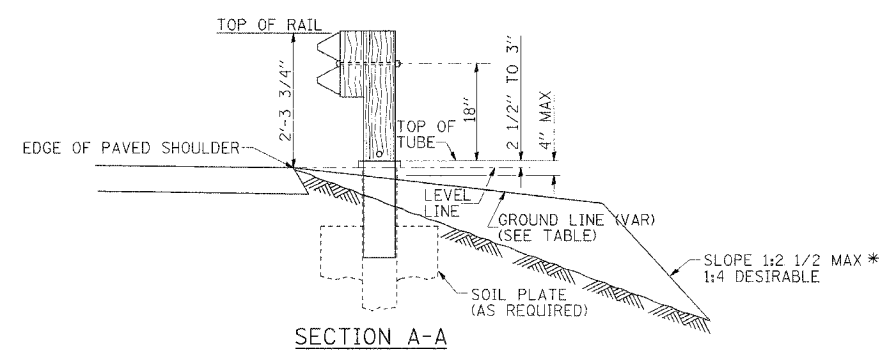


TOP OF TUBE ABOVE EDGE SHOULDER	SLOPE NOT STEEPER THAN
2 1/2"	1:12
3"	1:17

GENERAL NOTES

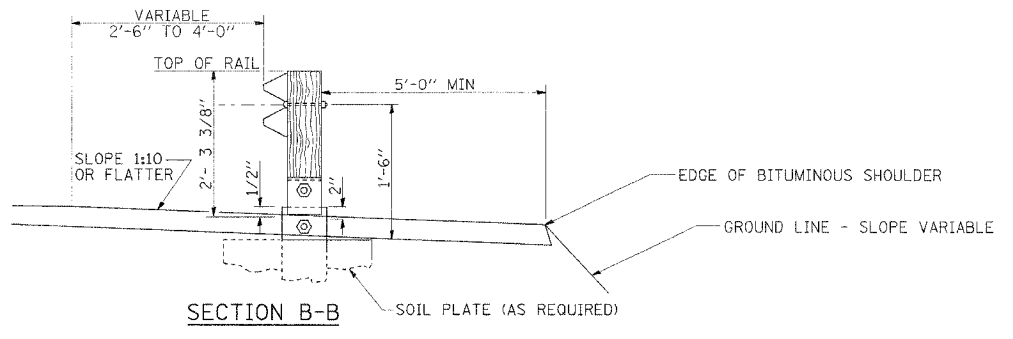
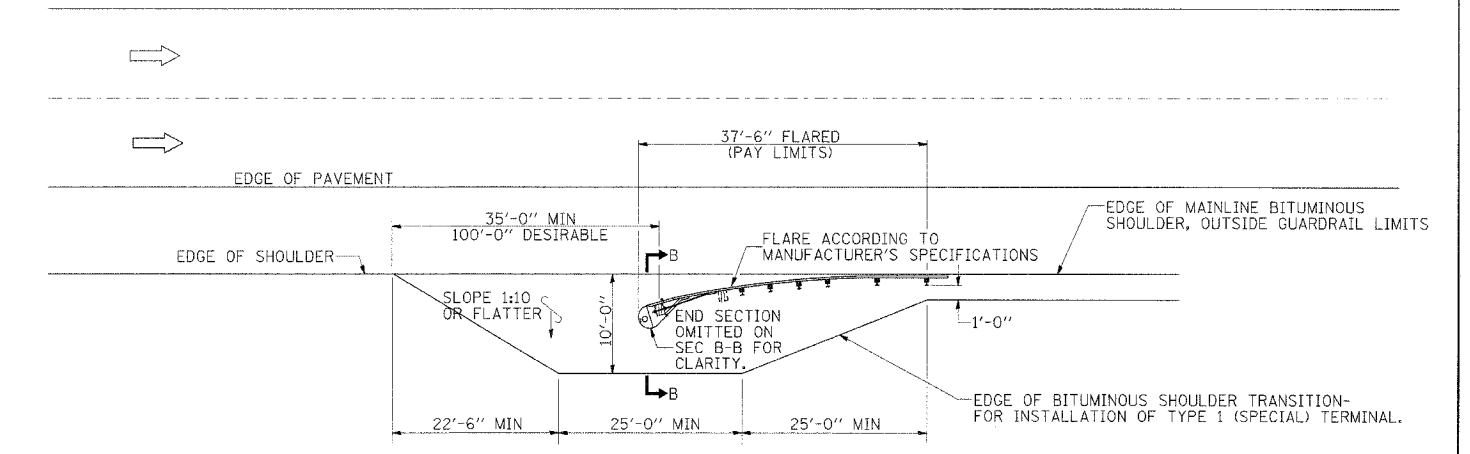
50:1 TAPER REQUIRED SO THE EXTRUDER HEAD WILL NOT ENCRUCH ON THE SHOULDER. ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
STANDARD 630301-01



SECTION A-A

SHOULDER WIDENING TRANSITION FOR FLARED TERMINAL



SECTION B-B

SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
STANDARD 630301-01

2/16/2005
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REVISIONS

REDRAWN	2-15-89
REVISED	8-15-94
REVISED	1-19-99

STD. 9-1