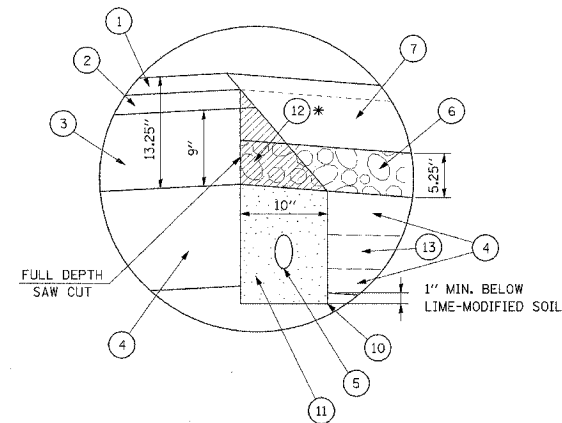


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	55-2	McDONOUGH	1025	22
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS		FED. AID PROJECT

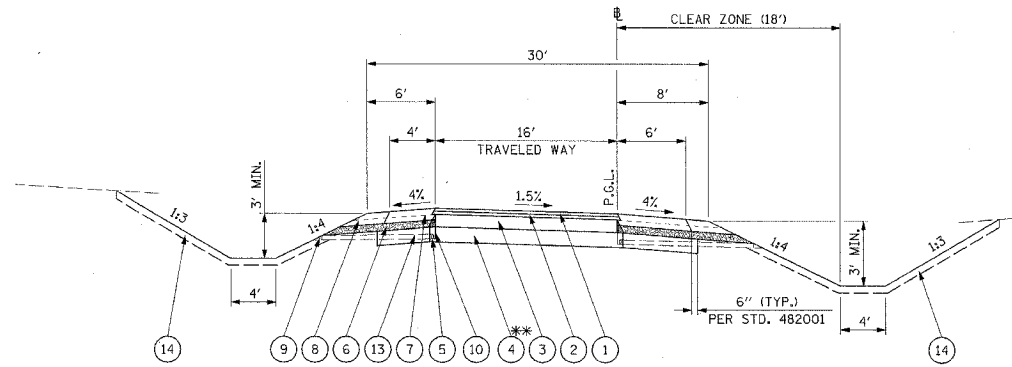


PIPE UNDERDRAIN DETAIL

* CONSTRUCT (2) AND (3). SAWCUT AS SHOWN IN DETAIL.
 CONSTRUCT (7) TO TOP OF (2) PRIOR TO PLACING (1).
 CONSTRUCT (1) AND COMPLETE CONSTRUCTION OF (7).

LEGEND

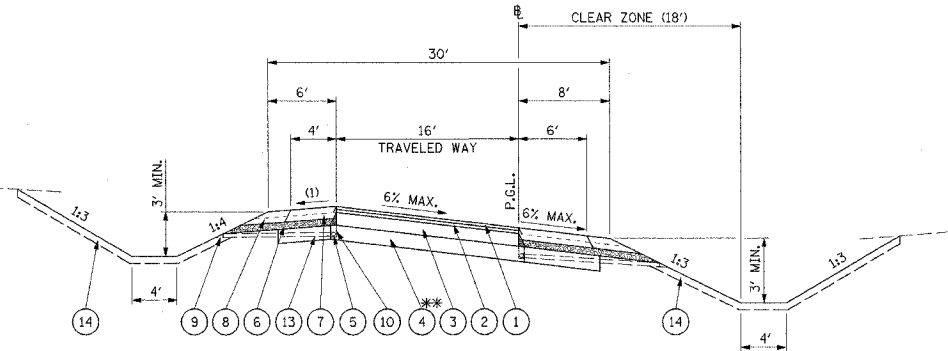
- (1) POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE MIX D N70 2"
- (2) POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0 N70 2 1/4"
- (3) BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0 N70 9"
- (4) LIME MODIFIED SOIL (12" MIN.)
- (5) PIPE UNDERDRAINS 4"
- (6) SUB-BASE GRANULAR MATERIAL, TYPE C, 5.25"
- (7) BITUMINOUS SHOULDERS SUPERPAVE 8"
- (8) AGGREGATE SHOULDERS, TYPE B 8"
- (9) CONCRETE HEADWALL FOR PIPE DRAIN (PER STD 601101)
- (10) 10" TRENCH FOR PIPE UNDERDRAINS (PER STD 601001) TO BE INSTALLED WITH LASER-GUIDED TRENCHER
- (11) FA-4 OR FM-4 SAND (INCLUDED IN COST OF PIPE UNDERDRAINS 4")
- (12) BITUMINOUS WEDGE TO BE REMOVED PRIOR TO TRENCHING (INCLUDED IN COST OF "PIPE UNDERDRAINS 4")
- (13) PIPE UNDERDRAINS (SPECIAL) 4" (PER ARTICLE 601.04) AT 1% SLOPE
- (14) TOPSOIL FURNISH AND PLACE, 4"



TYPICAL RAMP TANGENT SECTION

RAMP I STA. 11+44.38 TO STA. 23+35.00
 RAMP I STA. 32+04.60 TO STA. 33+90.15
 RAMP J STA. 152+99.57 TO STA. 157+19.68
 RAMP J STA. 165+23.00 TO STA. 167+68.00
 RAMP J STA. 180+73.00 TO STA. 181+35.32

** (4) SUB-BASE GRANULAR MATERIAL, TYPE A
 RAMP I STA. 10+25 TO STA. 18+75 (24")
 RAMP I STA. 40+35 TO STA. 42+48 (18")
 RAMP J STA. 155+20 TO STA. 156+40 (24")
 RAMP J STA. 172+10 TO STA. 182+25 (24")



TYPICAL RAMP SUPERELEVATED SECTION

RAMP I STA. 23+35.00 TO STA. 32+04.60
 RAMP J STA. 157+19.68 TO STA. 165+23.00
 RAMP J STA. 167+68.00 TO STA. 180+73.00

NOTE:
 (1) MAXIMUM ROLLOVER = 8%

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS IL. ROUTE 336 INTERCHANGE RAMP I AND J
DATE		DRAWN BY
		CHECKED BY