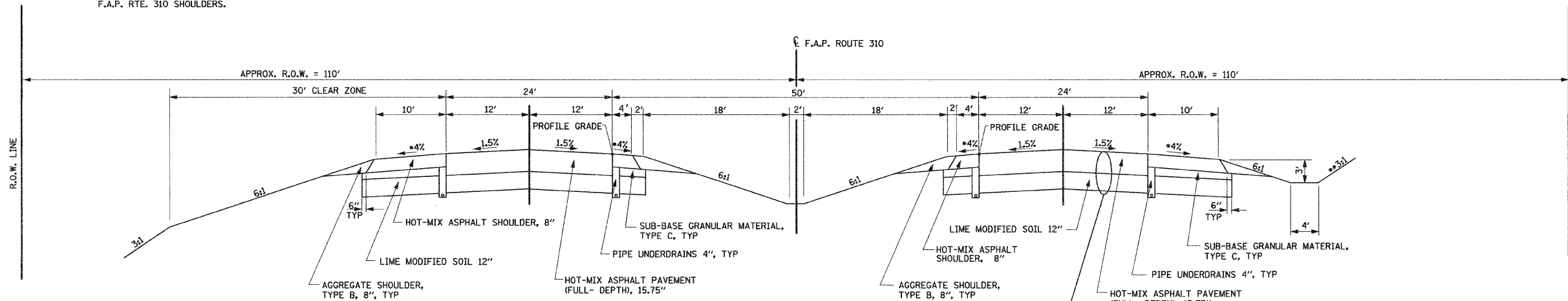


NOTE:
RUMBLE STRIPS SHALL BE PROVIDED ON ALL MAINLINE
F.A.P. RTE. 310 SHOULDERS.



- END PAVEMENT CONSTRUCTION SOUTHBOUND LANES LT STA 228+25.
END PAVEMENT CONSTRUCTION NORTHBOUND LANES RT STA 225+00.
- FOR CUTS LESS THAN 10' USE 3:1 BACKSLOPE.
FOR CUTS 10' TO 15' USE 2:1 BACKSLOPE.
FOR CUTS 15' TO 30' USE 2:1 BACKSLOPE WITH
A 13' BENCH AT A 13:1 SLOPE LOCATED 1/2 OF
THE DEPTH OF CUT.
FOR CUTS GREATER THAN 30' USE 2:1 BACKSLOPE
WITH A 13' BENCH LOCATED 1/3 AND 2/3 OF THE
DEPTH OF CUT.
- SOUTHBOUND LANES BEGIN CONSTRUCTION AT STA 91+50.
NORTHBOUND LANES BEGIN CONSTRUCTION AT STA 92+50.
- SEE SHEET 19 FOR ADDITIONAL INFORMATION ON TURN LANE SECTIONS.

SEE SHEET 17 FOR
TURN LANE SECTIONS

**TYPICAL SECTION
F.A.P. ROUTE 310**

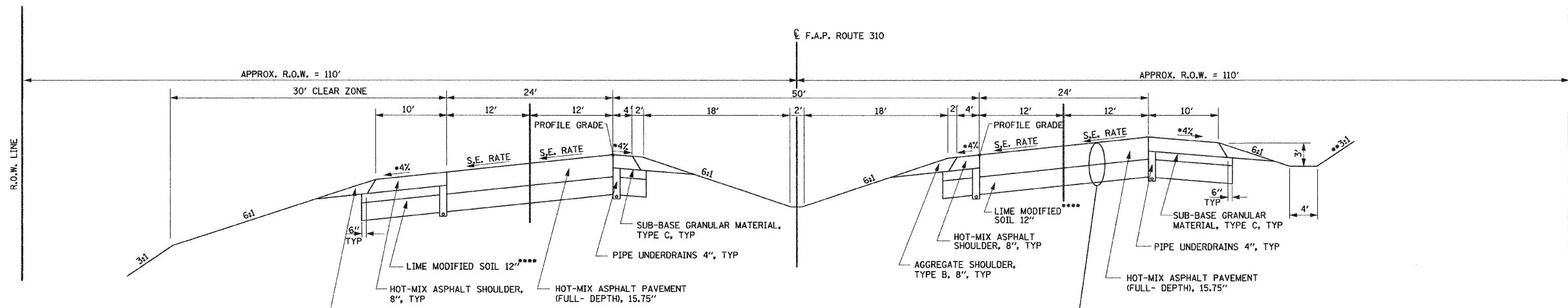
- STA 91+50.00** TO STA 100+28.54
- STA 105+37.40 TO STA 107+41.67
- STA 115+73.63 TO STA 121+55.12
- STA 127+70.65 TO STA 133+14.00
- STA 146+44.95 TO STA 158+11.69****
- STA 172+63.86 TO STA 182+76.78
- STA 187+68.97 TO STA 206+69.03****
- STA 223+09.32 TO STA 228+25.00*

SURFACE	2"
BINDER	13 3/4"
LIME MODIFIED SOIL	12"

STRUCTURAL DESIGN DATA
F.A.P. ROUTE 310

STRUCTURAL DESIGN TRAFFIC:	YEAR	2014
PV= 15073	SU= 1040	MU= 1213
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 32	S= 45	M= 45
TRAFFIC FACTOR:	ACTUAL TF=	6.52
MINIMUM TF= 7.11	AC TYPE=	20
SUBGRADE SUPPORT RATING:		
SSR= POOR	(STA 87+00.91 TO 228+25.00)	

USE: HOT-MIX ASPHALT PAVEMENT,
(FULL- DEPTH), 15.75"
LIME MODIFIED SOIL, 12"



- FOR SHOULDER SLOPES SEE STANDARD 482001
WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS
BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%.
WHEN THE SUPERELEVATION RATE OF THE PAVEMENT
EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE
ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER
WILL NOT BE GREATER THAN 8%.
- FOR CUTS LESS THAN 10' USE 3:1 BACKSLOPE.
FOR CUTS 10' TO 15' USE 2:1 BACKSLOPE.
FOR CUTS 15' TO 30' USE 2:1 BACKSLOPE WITH
A 13' BENCH AT A 13:1 SLOPE LOCATED 1/2 OF
THE DEPTH OF CUT.
FOR CUTS GREATER THAN 30' USE 2:1 BACKSLOPE
WITH A 13' BENCH LOCATED 1/3 AND 2/3 OF THE
DEPTH OF CUT.
- SEE SHEET 19 FOR ADDITIONAL INFORMATION ON TURN LANE SECTIONS.
- SLAG-MODIFIED PORTLAND CEMENT TO BE USED IN LIEU OF LIME
FOR STA 214+00 TO STA 222+00 (COST TO BE INCLUDED IN PROCESSING
MODIFIED SOIL).

SEE SHEET 17 FOR
TURN LANE SECTIONS

**SUPERELEVATED TYPICAL SECTION
F.A.P. ROUTE 310**

- STA 100+28.54 TO STA 105+37.40
- STA 107+41.67 TO STA 115+73.63
- STA 121+55.12 TO STA 127+70.65
- STA 133+14.00 TO STA 146+44.95 ***
- STA 158+11.69 TO STA 160+06.06 LT
- STA 160+29.93 TO STA 165+43.79 LT ***
- STA 166+61.56 TO STA 172+63.86 LT ***
- STA 158+11.69 TO STA 159+60.00 RT
- STA 160+86.04 TO STA 165+08.75 RT ***
- STA 166+40.84 TO STA 172+63.86 RT ***
- STA 182+76.78 TO STA 187+68.97
- STA 206+69.03 TO STA 223+09.32 ***

SURFACE	2"
BINDER	13 3/4"
LIME MODIFIED SOIL	12"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NO SCALE
DATE: 09-04-09

DRAWN BY: U.J.
CHECKED BY: J.J.C.