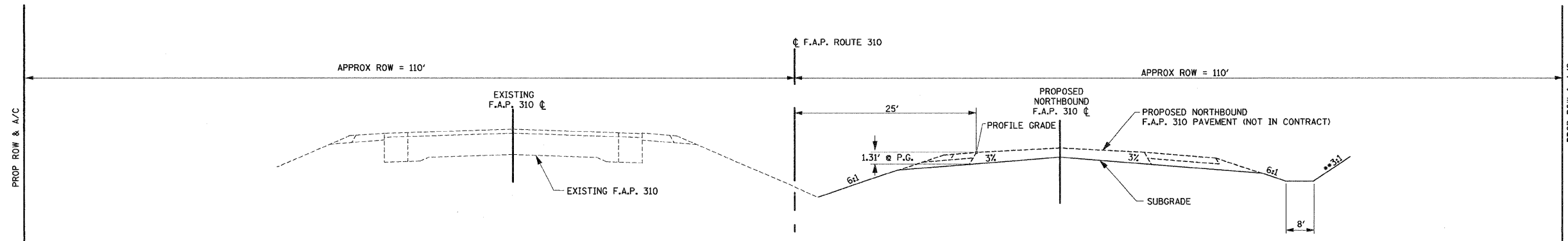


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-(16B, 16-1B)	MADISON	62	4
STA. 155+50.00		TO STA. 168+61.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76567				



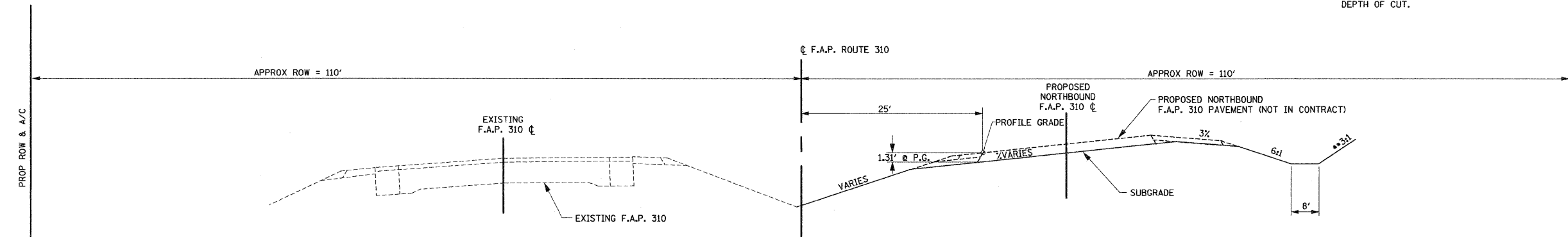
TYPICAL SECTION
F.A.P. ROUTE 310
 (STA 155+50.00 TO STA 155+86.00 - MEDIAN DITCH TRANSITION)
 (STA 155+86.00 TO STA 156+00.00 - GRADING TRANSITION)
 STA 156+00.00 TO STA 158+11.69

** 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 10:1 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.

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: BITUMINOUS CONCRETE PAVEMENT,
 (FULL-DEPTH), SUPERPAVE, 15.75" } NOT IN CONTRACT
 LIME MODIFIED SOIL, 12"



SUPERELEVATED TYPICAL SECTION
F.A.P. ROUTE 310
 STA 158+11.69 TO STA 159+64.94
 (STA 159+64.94 TO STA 159+94.94 BRIDGE APPROACH PAVEMENT)
 (STA 159+94.94 TO STA 160+53.17 BRIDGE OMISSION)
 (STA 160+53.17 TO STA 160+83.17 BRIDGE APPROACH PAVEMENT)
 STA 160+83.17 TO STA 165+05.98
 (STA 165+05.98 TO STA 165+35.98 BRIDGE APPROACH PAVEMENT)
 (STA 165+35.98 TO STA 166+08.14 BRIDGE OMISSION)
 (STA 166+08.14 TO STA 166+38.14 BRIDGE APPROACH PAVEMENT (SPECIAL))
 STA 166+38.14 TO STA 167+55.00
 (STA 167+55.00 TO STA 167+65.00 - GRADING TRANSITION)
 (STA 167+65.00 TO STA 168+61.00 - MEDIAN DITCH TRANSITION)

* 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%.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NO SCALE
 DATE: 09-03-02

DRAWN BY: U.J.
 CHECKED BY: M.A.R.