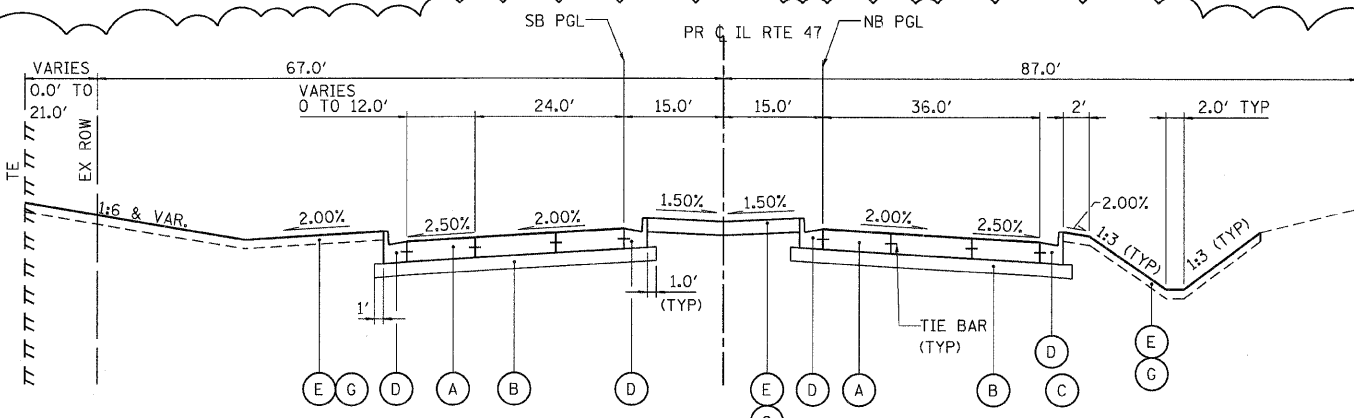
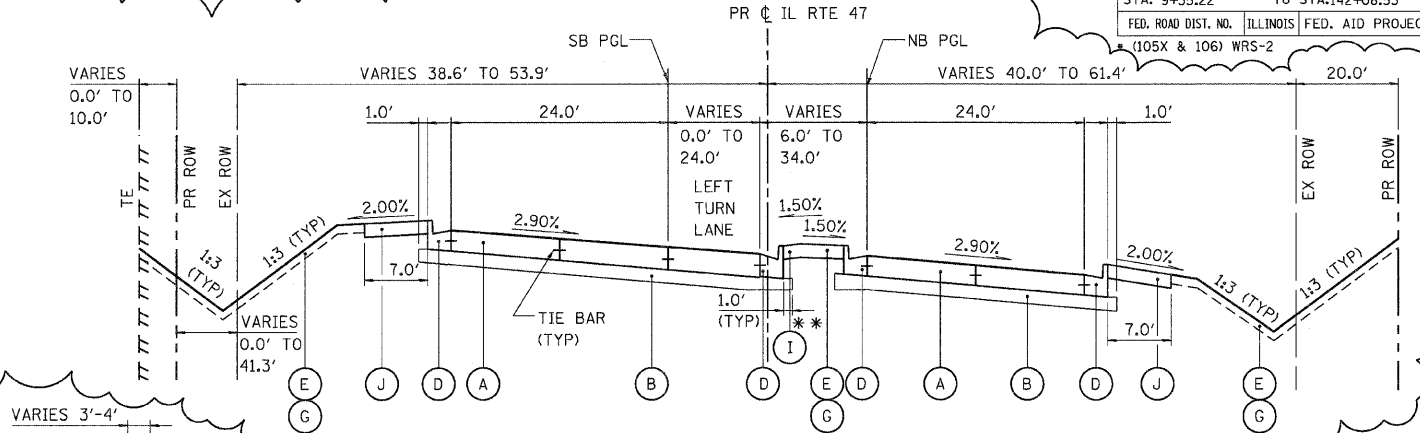


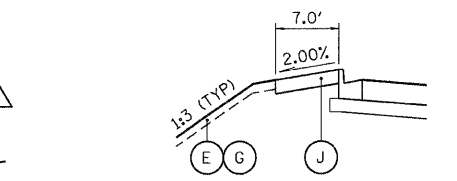
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	15
STA. 9+35.22		TO STA. 142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		(105X & 106) WRS-2		



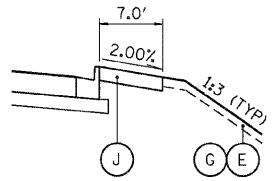
**ILLINOIS ROUTE 47**  
STA 9+35.22 TO STA 12+78.79



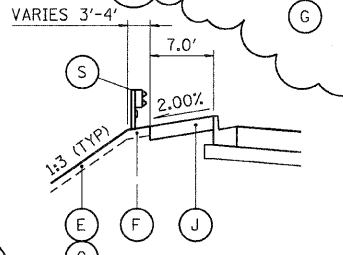
**ILLINOIS ROUTE 47**  
STA 24+66.88 TO STA 32+45.75  
\* STA 24+66.88 TO STA 24+92.98



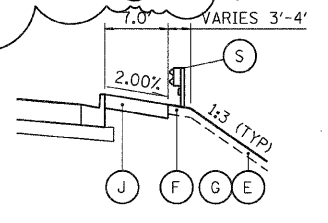
STA 21+41.04 TO STA 24+66.88 (LT)



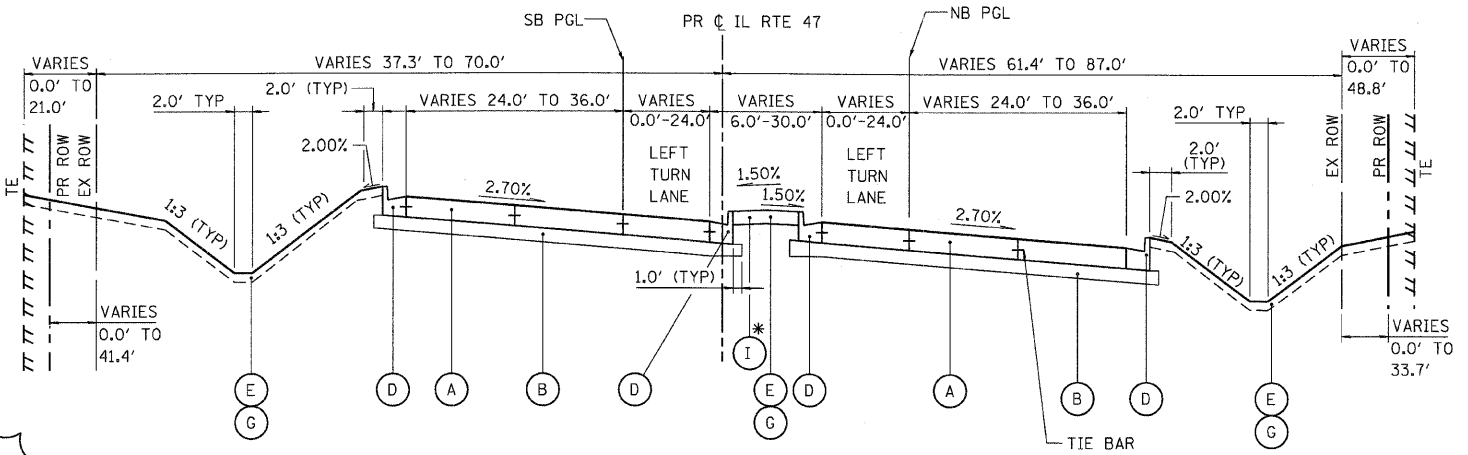
STA 21+73.15 TO STA 24+66.88 (RT)



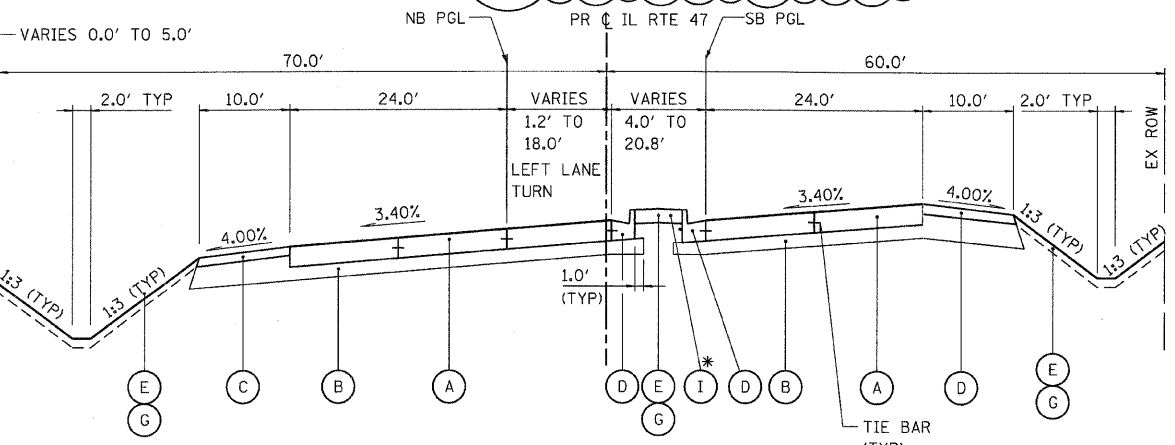
STA 25+58.32 TO STA 28+16.26 (LT)



STA 24+65.17 TO STA 25+07.12 (RT)



**ILLINOIS ROUTE 47**  
STA 12+78.79 TO STA 24+66.88  
\* STA 16+59.65 TO STA 24+66.88



**ILLINOIS ROUTE 47**  
STA 134+73.92 TO STA 140+30.81  
\* STA 134+73.92 TO STA 138+23.80

**NOTES:**

- THE 9 1/2-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:  
2-INCH HMA SURFACE COURSE, MIX "D", N70  
7 1/2-INCH HMA BINDER COURSE, IL 19.0, N70
- THE 12-INCH HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF:  
2-INCH HMA SURFACE COURSE, MIX "D", N70  
10-INCH HMA BINDER COURSE, IL 19.0, N70
- ADDITIONAL SUBGRADE THICKNESS BELOW MEDIAN AREA AND SHOULDER SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR AGGREGATE SUBGRADE, 12" AND SHALL NOT BE PAID FOR SEPARATELY.
- SEE TURN LANE MEDIAN DETAILS SHEET FOR TYPICAL LAYOUT AND DESIGN OF MEDIANS ADJACENT TO LEFT TURN LANES.

**PROPOSED LEGEND**

- (A) 10" JOINTED P.C.C. PAVEMENT
- (B) AGGREGATE SUBGRADE, 12" (SEE NOTE 3)
- (C) HMA SHOULDER, 8"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (E) SODDING, SALT TOLERANT/SEEDING, CL 2A
- (F) HMA SHOULDER, 6"
- (G) TOPSOIL FURNISH AND PLACE, 4"
- (H) CONCRETE MEDIAN, TYPE SB-6.12
- (I) CONCRETE MEDIAN, TYPE SB-6 (SPECIAL)
- (J) P.C.C. SIDEWALK, 5"
- (K) HMA PAVEMENT (FULL DEPTH), 9 1/2" (SEE NOTE 1)
- (L) HMA PAVEMENT (FULL DEPTH), 12" (SEE NOTE 2)
- (M) ESCAPE AREA MEDIAN
- (N) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (O) P.C.C. BASE COURSE, 8 1/4"
- (P) POLYMERIZED HMA SURFACE COURSE, MIX F, N90, 1 3/4"
- (Q) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- (R) CONCRETE MEDIAN, TYPE SB-6.24
- (S) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (T) RETAINING WALL

STRUCTURAL DESIGN TRAFFIC:	YEAR	2030
	PV =	32,67
	SU =	3,741
	MU =	2,160
ROAD / STREET CLASSIFICATION:	CLASS	1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
	P =	32
	S =	45
	M =	45
TRAFFIC FACTOR:	ACTUAL TF =	11.77
	MINIMUM TF =	6.03
SUBGRADE SUPPORT RATING:		
	SSR =	POOR (STA 9+35.22 TO 142+08.53)



REVISIONS	
NAME	DATE
ADDENDUM A	12/21/09

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**ILLINOIS ROUTE 47**  
**PROPOSED TYPICAL SECTIONS ROUTE 47**  
**SHEET 3 OF 9**

SCALE: VERT. NO SCALE  
HORIZ. DATE: 8/5/2009  
DRAWN BY: E.D.  
CHECKED BY: B.S.

PLOT DATE = Thursday, December 17, 2009  
FILE NAME = S:\11-CADD\01-rnt\11015-tpg-sec.3.dgn  
PLOT SCALE = 1/8"=1'  
USER NAME = 3679