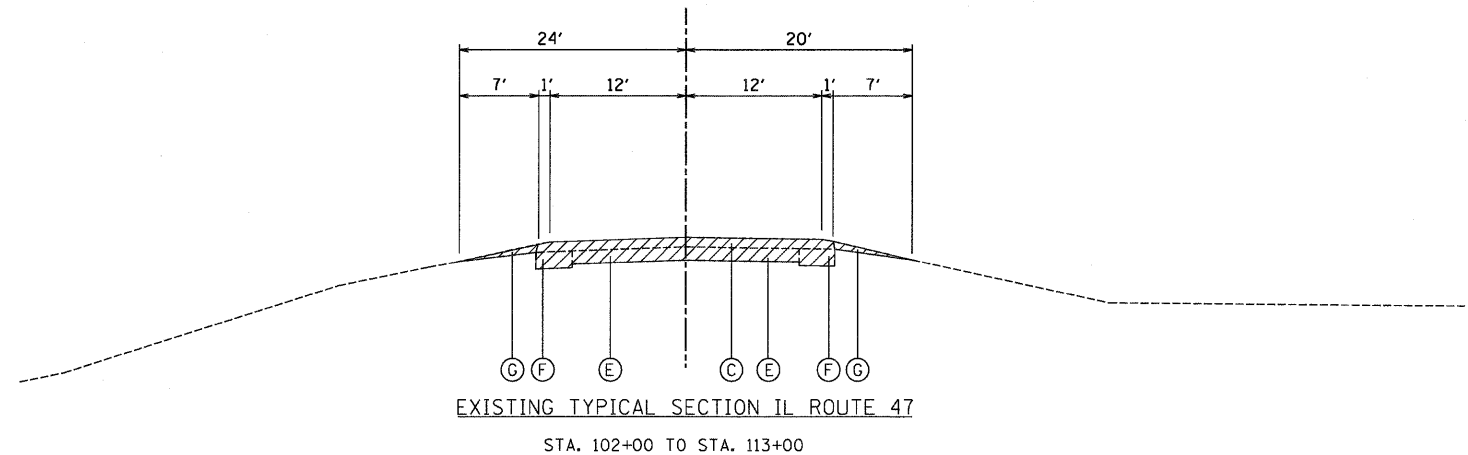
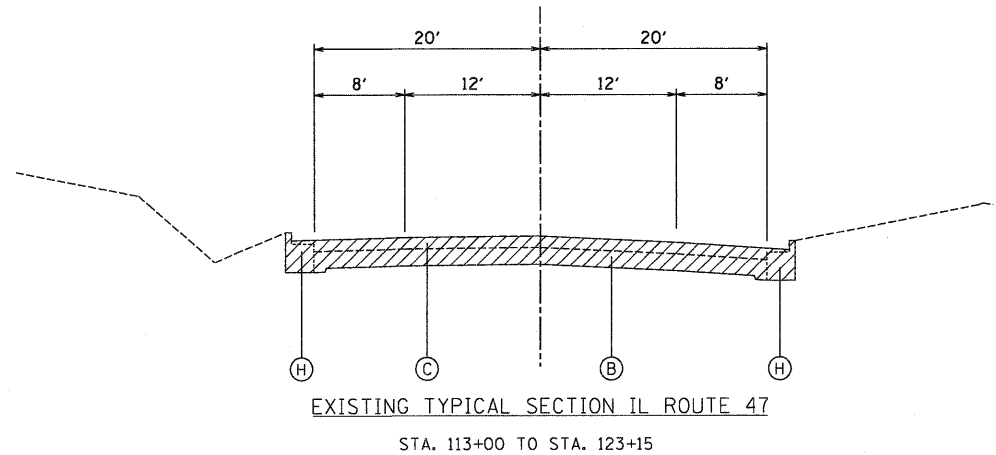


CL IL ROUTE 47



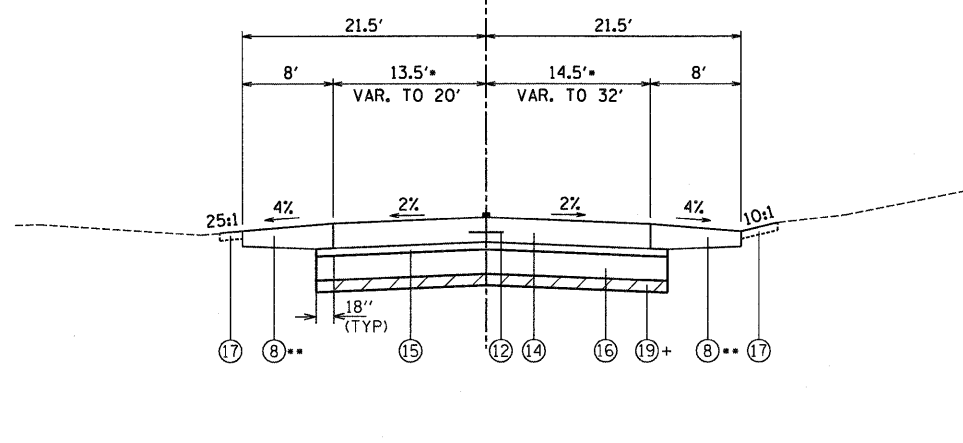
EXISTING TYPICAL SECTION IL ROUTE 47  
STA. 102+00 TO STA. 113+00

CL IL ROUTE 47



EXISTING TYPICAL SECTION IL ROUTE 47  
STA. 113+00 TO STA. 123+15

CL IL ROUTE 47

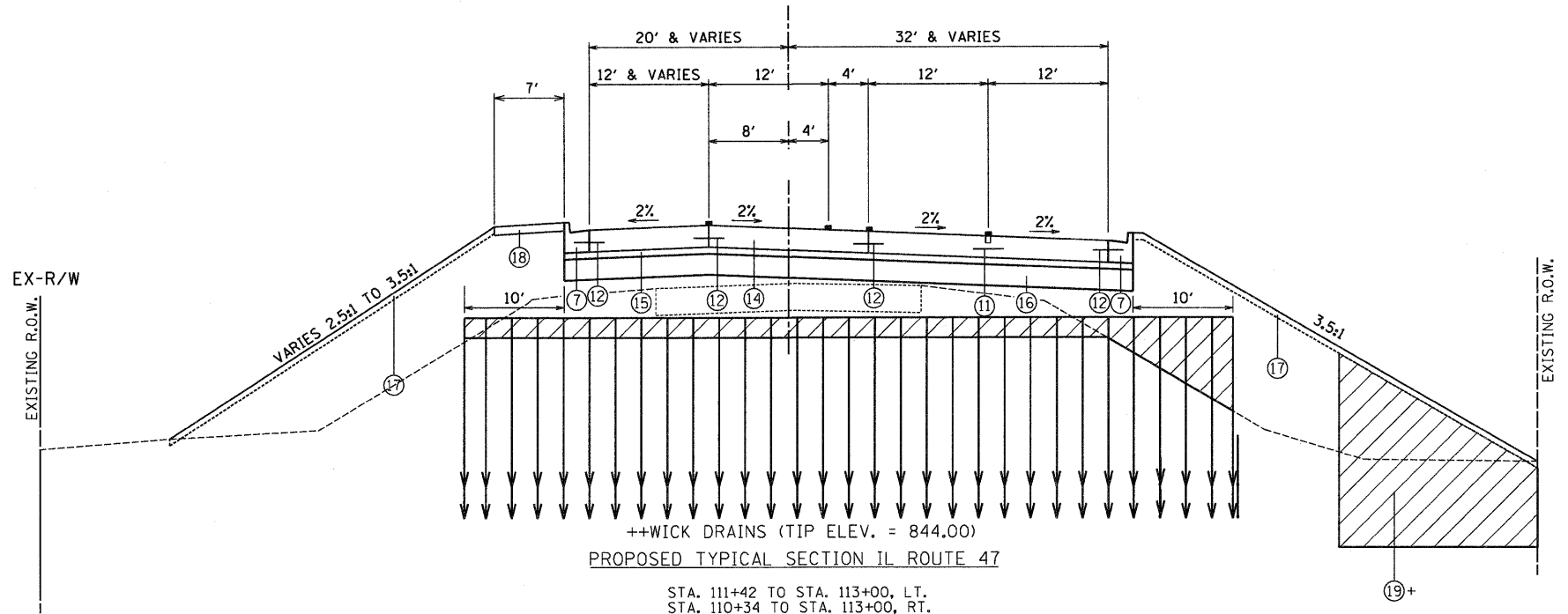


PROPOSED TYPICAL SECTION IL ROUTE 47

STA. 102+52 TO STA. 111+42, LT  
STA. 102+52 TO STA. 110+34, RT  
STA. 102+52 TO STA. 106+54

\*\* VARIABLE H.M.A. SHOULDER THICKNESS SHALL BE PAID UNDER H.M.A. SHOULDER, 8" PAY ITEM

CL IL ROUTE 47



PROPOSED TYPICAL SECTION IL ROUTE 47

STA. 111+42 TO STA. 113+00, LT.  
STA. 110+34 TO STA. 113+00, RT.

**EXISTING CONDITIONS:**

- (A) SUB-BASE GRANULAR MATERIAL 4"
- (B) PCC CONCRETE BASE COURSE 9"
- (C) HMA OVERLAY 4"-9"
- (D) HMA OVERLAY 11"-14"
- (E) PCC PAVEMENT 9-7-9
- (F) HMA BASE COURSE WIDENING 9"
- (G) HMA SHOULDERS 8"
- (H) COMBINATION CURB & GUTTER B-6.24
- ▨ ITEM TO BE REMOVED

**PROPOSED IMPROVEMENTS:**

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (2) PAVED SHOULDER REMOVAL
- (3A) LEVELING BINDER (MACHINE METHOD), N70, 3/4"-2 1/4"
- (3B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, > 2 1/4" MIN.
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- (5) P.C.C. BASE COURSE, 9 1/2"
- (6) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (7) COMBINATION CURB & GUTTER, TYPE B-6.24
- (8) HOT-MIX ASPHALT SHOULDERS, 8"
- (9) AGGREGATE SHOULDERS, TYPE B 8"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT

- (11) EPOXY COATED, DEFORMED NO. 6 TIE BAR, 30" LONG @ 30" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR JOINTED PCC PAVEMENT)
- (12) EPOXY COATED, DEFORMED NO. 6 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR COMB CONC CURB & GUTTER OR JOINTED PCC PAVEMENT)
- (13) EPOXY COATED, DEFORMED NO. 8 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR PCC PAVEMENT WIDENING)
- (14) JOINTED PCC PAVEMENT, 9 1/2"
- (15) STABILIZED SUBBASE - HMA, 4 1/2"
- (16) AGGREGATE SUBGRADE, 12"
- (17) TOPSOIL, FURNISH AND PLACE, 4", FERTILIZER NUTRIENTS, SEEDING OR SODDING
- (18) PCC SIDEWALK, 5"
- (19) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (20) TEMPORARY SOIL RETENTION SYSTEM
- PAVEMENT MARKING

+ RECOMMENDED UNDERCUT LOCATIONS  
SEE EARTHWORK CALCULATIONS AND CROSS SECTIONS

RECOMMENDED 6" ENTIRE PAVEMENT SECTION UNDERCUT (P.G.E.S. BACKFILL)  
IL 47 STA. 105+25 TO STA. 106+75

RECOMMENDED 12" WORKING PLATFORM UNDERCUT (P.G.E.S. BACKFILL UNDERLAIN WITH GEOTECHNICAL FABRIC)  
IL 47 STA. 108+50 TO STA. 109+25 - RT

RECOMMENDED 12" WORKING PLATFORM UNDERCUT (P.G.E.S. BACKFILL UNDERLAIN WITH GEOTECHNICAL FABRIC)  
IL 47 STA. 109+75 TO STA. 111+00 - RT & LT

++ WICK DRAINS  
SEE UTILITY PLANS, CROSS SECTIONS AND DETAILS

PROVIDE WICK DRAINS FROM STA. 109+00 TO 111+25 10' LT & 10' RT OF PROPOSED AGGREGATE SUBGRADE  
PROVIDE 5' EQUILATERAL TRIANGLE PATTERN (SEE DETAIL)  
TIP OF WICK DRAINS TO REACH ELEV. 844.00  
PROVIDE 12" P.G.E. DRAINAGE BLANKET PRIOR TO WICK DRAIN INSTALLATION.  
PROVIDE 45 DAY SETTLING PERIOD AFTER EMBANKMENT HAS BEEN CONSTRUCTED AND PRIOR TO PAVING.

FILE NAME =	USER NAME = .USER.	DESIGNED - AR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 64 AT IL 47 INTERSECTION IMPROVEMENTS TYPICAL SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL*		DRAWN - AR	REVISED -			307	126N-1	KANE	156	11	
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -			CONTRACT NO. 62278					
	PLOT DATE = 9/1/2011	DATE - 09-01-2011	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. 3 OF 4 SHEETS		STA.	TO STA.		