

# TYPICAL SECTIONS

## LEGEND, EXISTING

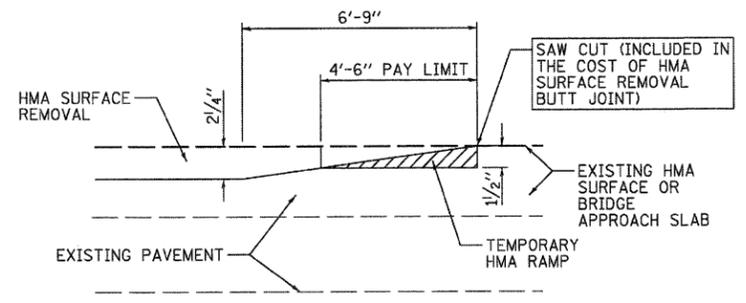
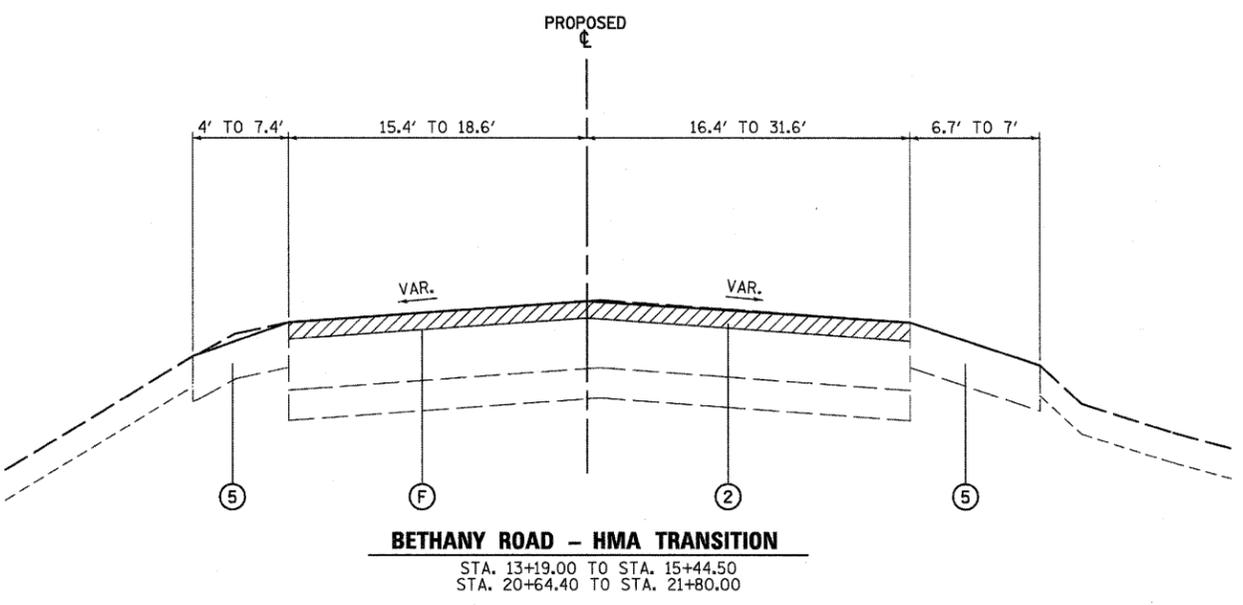
- (A) EXISTING GROUND
- (B) EXISTING BIT. CONC. PAVEMENT (8.8"-10.8")
- (C) EXISTING AGGREGATE BASE (UNKNOWN THICKNESS)
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING PAVEMENT (TO BE REMOVED)
- (F) EXISTING PAVEMENT (TO BE SURFACE MILLED)

## LEGEND, PROPOSED

- (1) PROPOSED GRADE
- (2) 1 1/2" HMA SURFACE COURSE, MIX "D", N50
- (3) 8 3/4" HMA BINDER COURSE, IL-19.0, N50
- (4) HMA BINDER COURSE, IL-19.0, N50, VARIABLE DEPTH
- (5) AGGREGATE SHOULDERS, TYPE B SPECIAL
- (6) TYPE B6.12 CURB AND GUTTER (11" DEPTH)
- (7) AGGREGATE SUBGRADE, 12"
- (8) AGGREGATE SUBGRADE, VARIABLE DEPTH (UNDER CUTS)
- (9) STRUCTURAL EMBANKMENT (FURNISHED EXCAVATION)
- (10) TOPSOIL PLACEMENT, 4" / SEEDING / MULCH
- (11) TOPSOIL STRIPPING, 4"
- (12) MULTI-USE PATH (PCC SIDEWALK 5")
- (13) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (14) STRIP REFLECTIVE CRACK CONTROL TREATMENT (SYSTEM A)
- (15) FULL DEPTH SAW CUT (INCLUDED IN COST OF REMOVAL ITEM)
- (16) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (17) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (18) HMA SHOULDERS, 3"
- (19) HMA SHOULDERS, 6"
- (20) 3/4" HMA LEVELING BINDER, N50
- (21) GEOTECHNICAL FABRIC

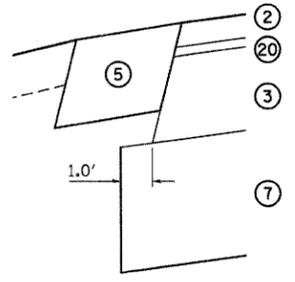
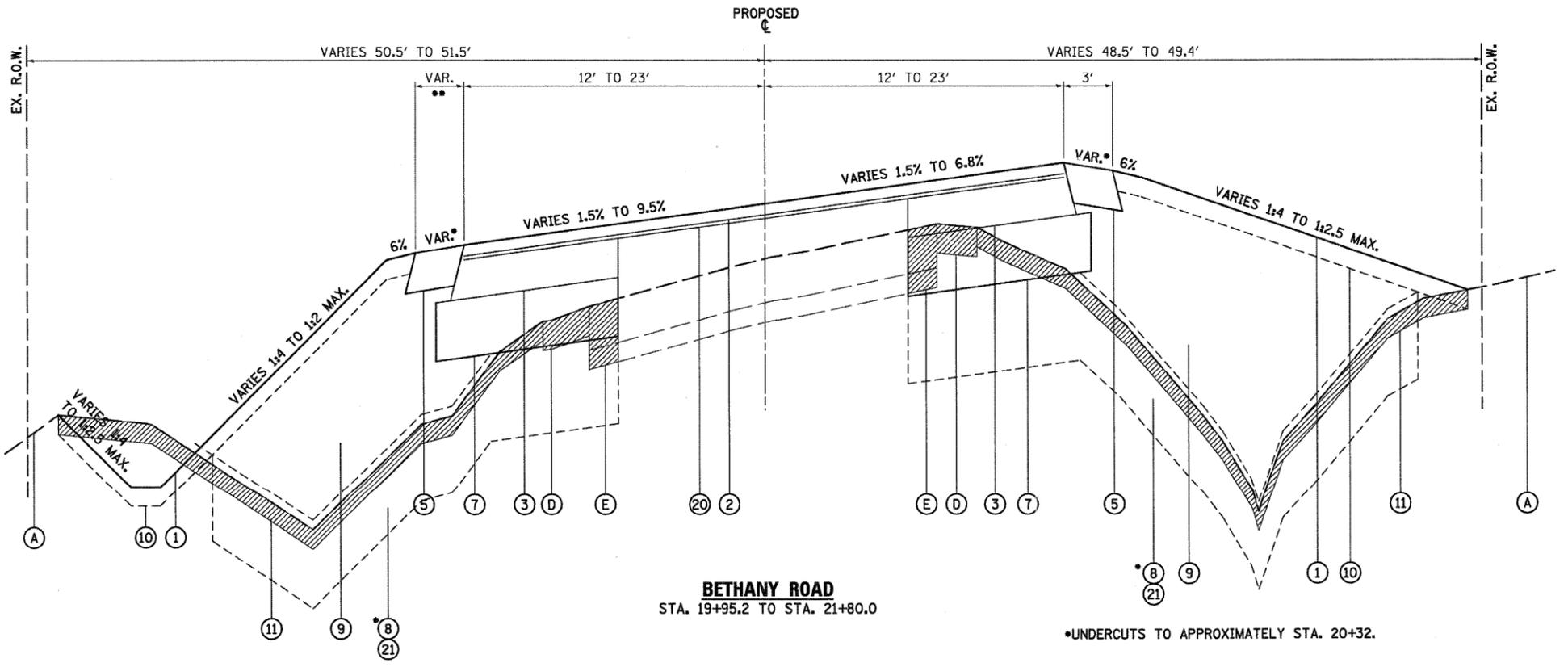
## SOILS REPORT RECOMMENDATIONS

Sta. 15+35 to BRIDGE: Undercut 12" and replace with 18" Agg. Subgrade.  
 BRIDGE to Sta. 20+32: Undercut 12" and replace with 18" Agg. Subgrade.  
 Sta. 20+32 to Sta. 23+50: No special treatment suggested.  
 Undercut depths based on assumption that final subgrade will be about 1.5 feet below proposed road centerline elevation.



### NOTES:

1. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
2. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
3. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" PER 1 INCH OF MILLING THICKNESS.
4. SEE ART. 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".



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<b>WILLS BURKE KELSEY ASSOCIATES LTD.</b> 116 West Main Street, Suite 201 St. Charles, Illinois 60174 (830) 443-7755	USER NAME = #USER#	DESIGNED - DPB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b> <b>PROPOSED</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - NDP	REVISED -		5355	04-00167-00-BR	DEKALB	88	21		
PLOT DATE = 7/6/2011	CHECKED - SBP	REVISED -	CONTRACT NO. 87491								
	DATE - 7/8/11	REVISED -	FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT								