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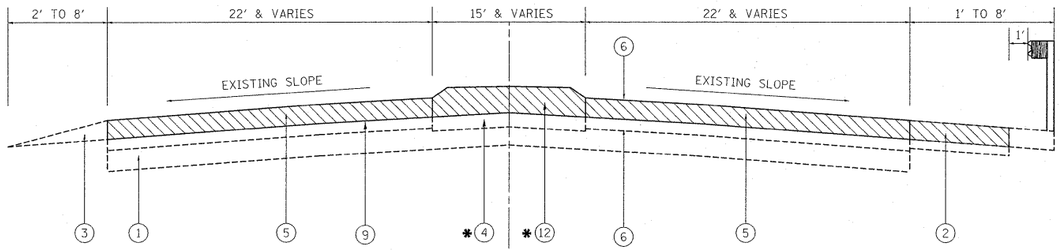
SOUTHWEST HIGHWAY



EXISTING TYPICAL CROSS SECTION
IL. ROUTE 7 (SOUTHWEST HIGHWAY)
STA. 17+63 TO 52+51

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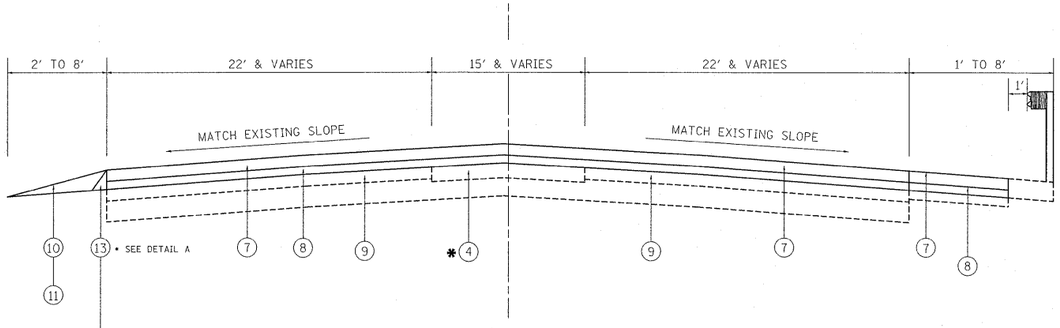
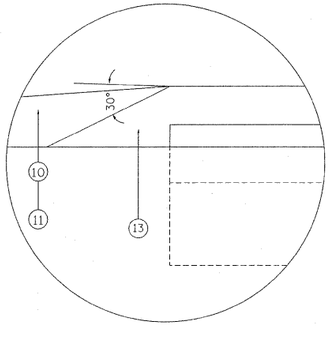
SOUTHWEST HIGHWAY



PROPOSED TYPICAL CROSS SECTION
IL. ROUTE 7 (SOUTHWEST HIGHWAY)
STA. 17+63 TO 52+51

DETAIL A



LEGEND

1. EXISTING P.C.C PAVEMENT, ±9''
2. EXISTING HMA SHOULDER
3. EXISTING AGGREGATE SHOULDER
4. EXISTING CORRUGATED MEDIAN
5. PROPOSED HMA SURFACE REMOVAL, 2 1/2''
6. EXISTING HMA PAVEMENT, ±3''
7. PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX ''F'', N90 (1 3/4'')
8. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4'')
9. EXISTING HMA SURFACE AFTER MILLING, ±1/2''
10. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
11. PROPOSED GRADING AND SHAPING SHOULDERS
12. PROPOSED MEDIAN REMOVAL PARTIAL DEPTH (TO BE MILLED FLUSH WITH ADJACENT ROADWAY)
13. SAFETY EDGE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
PAVEMENT RESURFACING & HMA SHOULDERS	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX ''F'', N90, (IL-9.5 mm)	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm), 9''	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES	
(HMA BINDER IL 19 mm)	4% @ 70 GYR.

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE ''AC TYPE'' FOR POLYMERIZED HMA MIXES SHALL BE ''SBS/SBR PG 70-22'' AND FOR NON-POLYMERIZED HMA THE ''AC TYPE'' SHALL BE ''PG 64-22'' UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR ''PERCENT OF RAP'' SEE DISTRICT ONE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL PATCH BEFORE MILLING.

EXISTING CURB AND GUTTER ARE AT STA. 24+49 TO STA. 30+00 AND STA. 47+85 TO 52+51 AS SHOWN ON THE ROADWAY AND PAVEMENT MARKING PLANS.

* LOCATIONS

± STA. 21+71 TO ± STA. 25+93
± STA. 30+00 TO ± STA. 34+20
± STA. 50+00 TO ± STA. 52+51

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTHWEST HIGHWAY (ILL 7)
TYPICAL SECTION

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	3178A-RS	COOK	18	4
		CONTRACT NO. 60M34		
	ILLINOIS	FED. AID PROJECT		