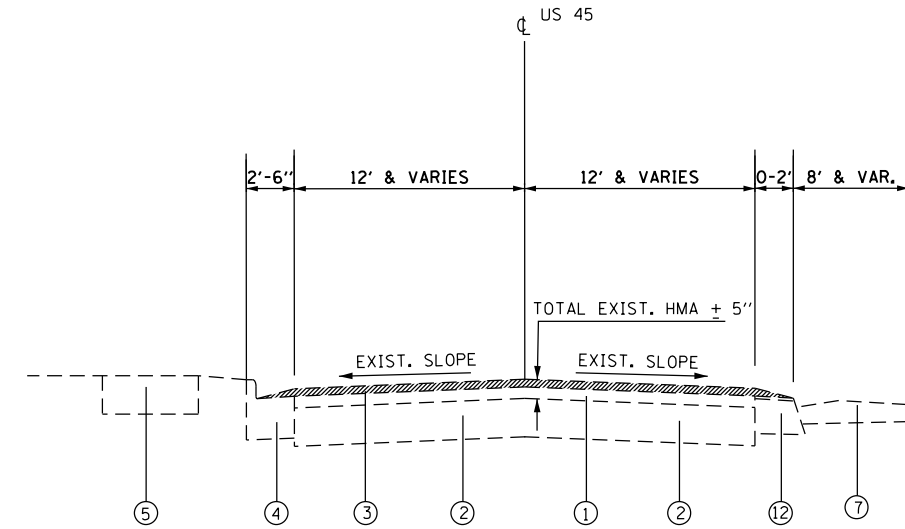
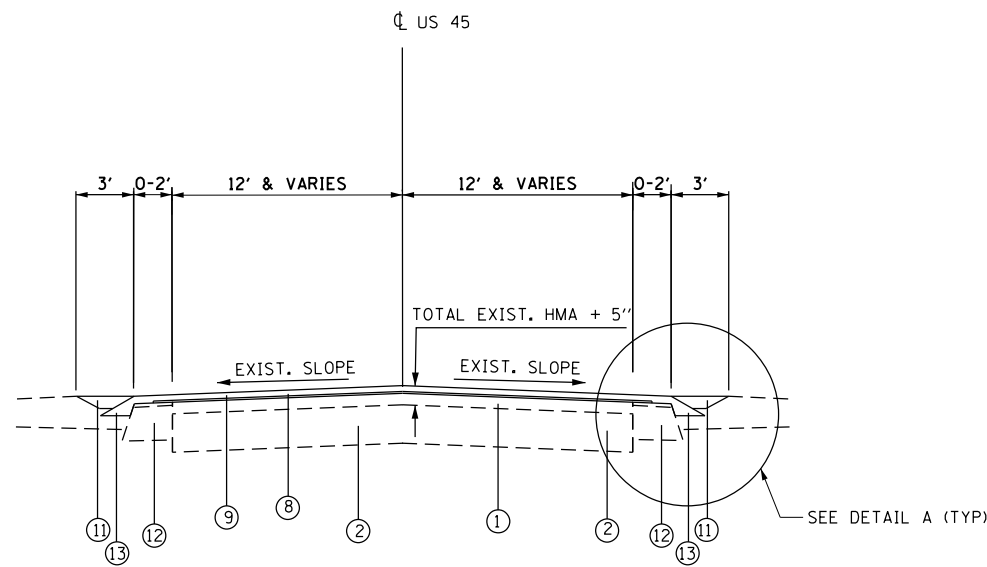


EXISTING TYPICAL SECTION

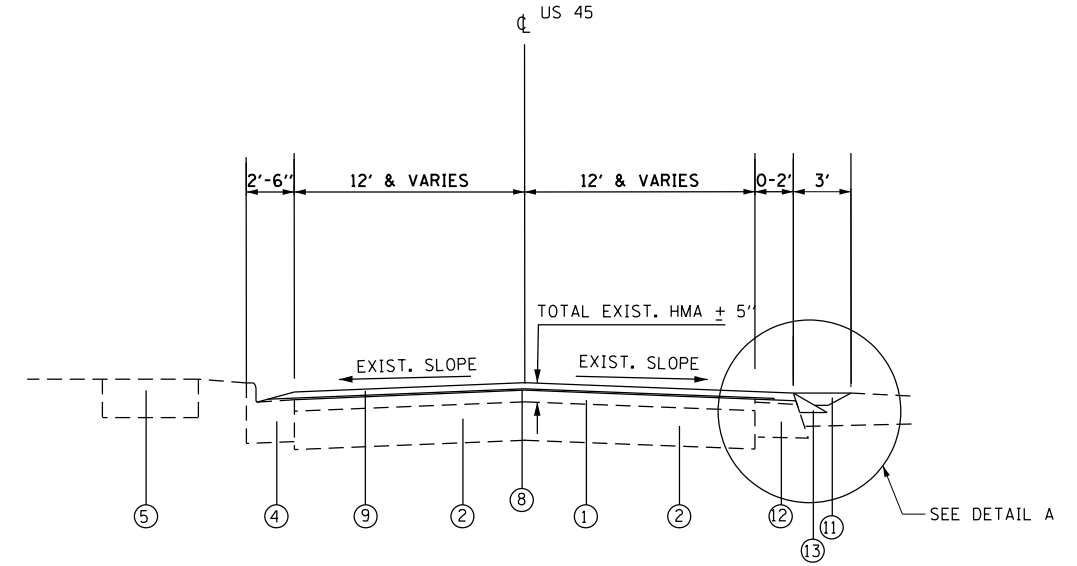


EXISTING TYPICAL SECTION

**THE CONTRACTOR SHALL MILL FIRST
BEFORE PATCHING**



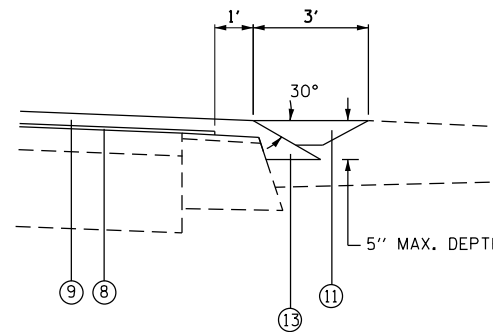
PROPOSED TYPICAL SECTION



PROPOSED TYPICAL SECTION

LEGEND

- ① EXISTING HMA SURFACE COURSE +/- 5"
- ② EXISTING CONCRETE PAVEMENT FROM +/- 7" TO +/- 9"
- ③ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - 2 -1/4"
- ④ EXISTING COMBINATION CONC. CURB & GUTTER TYPE B 6.24
- ⑤ EXISTING PCC SIDEWALK, 5"
- ⑥ EXISTING CORRUGATED CONCRETE MEDIAN
- ⑦ EXISTING AGGREGATE SHOULDER
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- ⑩ PROP. CONCRETE MEDIAN REMOVAL, PARTIAL DEPTH
- ⑪ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑫ EXISTING HMA SHOULDER
- ⑬ SAFETY EDGE



DETAIL A

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS	Ndes
RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (1L 9.5mm)	4% @ 50 GYR.	
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50	3.5% @ 50 GYR.	
PATCHING		
CLASS D PATCHES, (HMA BINDER IL-19 mm)	4% @ 70 GYR.	

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD / IN.

THE "AC TYPE" FOR ALL POLYMERIZED HMA MIXES SHALL BE SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG64-22" UNLESS MODIFIED BY THE DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIAL, SEE SPECIAL PROVISIONS.

FILE NAME =	USER NAME = mrempfer	DESIGNED - RG	REVISED -
#FILEL\$		DRAWN - RG	REVISED -
	PLOT SCALE = 100 ft / in.	CHECKED - MGR	REVISED -
	PLOT DATE = 10/2/2012	DATE - 10/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 45 (OLD HALF DAY ROAD)			
TYPICAL SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
872	41-R5-4	LAKE	22	5
CONTRACT NO. 60N29				
ILLINOIS FED. AID PROJECT				