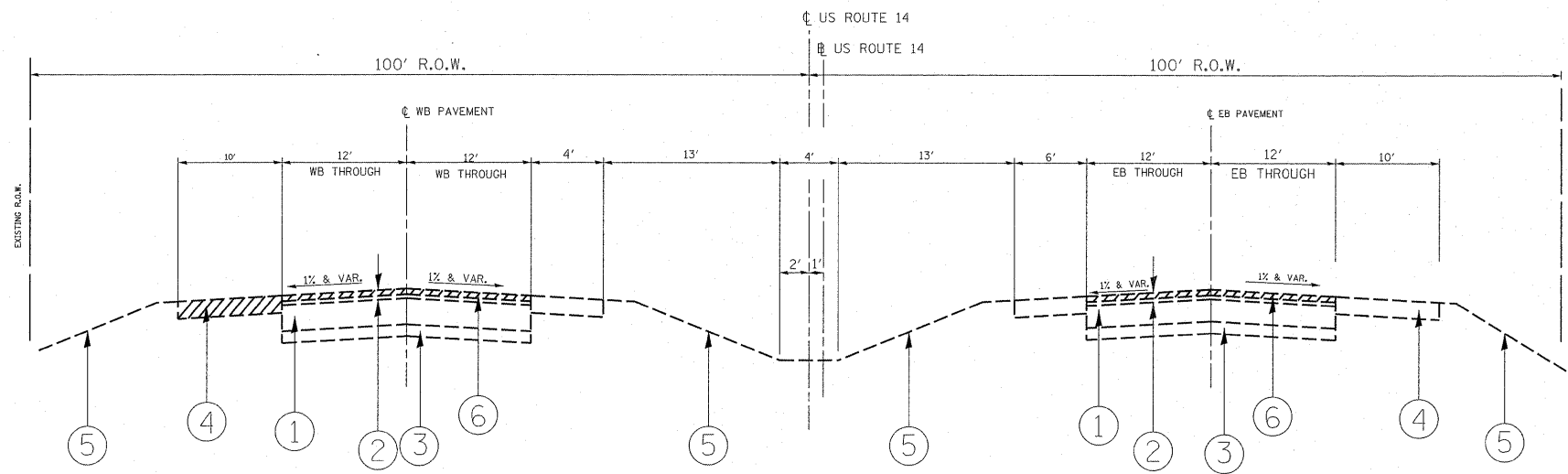
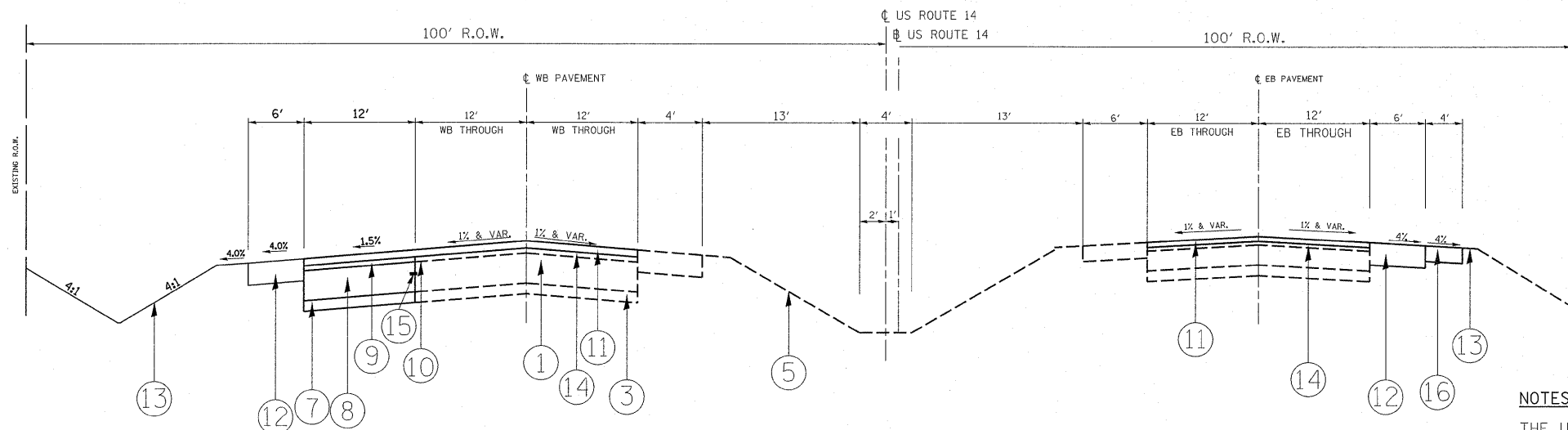


LEGEND

- ① EXISTING PCC PAVEMENT, ± 11"
- ② EXISTING HMA SURFACE, ± 3 "
- ③ EXISTING SUB-BASE GRANULAR MATERIAL, ± 4"
- ④ EXISTING AGGREGATE SHOULDER TO BE REMOVED
- ⑤ EXISTING DITCH
- ⑥ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑦ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑧ PROPOSED PCC BASE COURSE, 11"
- ⑨ PROPOSED LEVELING BINDER (MM), N70, 1 1/4"
- ⑩ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑪ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑫ PROPOSED HMA SHOULDER, 8" (IN 2 LIFTS)
- ⑬ PROPOSED FURNISHING & PLACING TOP, SOIL, 6" SODDING OR SEEDING
- ⑭ EXISTING HMA SURFACE OVERLAY, 1 3/4"
- ⑮ PROP. DRILL & GROUT # 25 (#8) EPOXY COATED DEFORMED STEEL TIE BAR, 24" LONG, 24" C-C - COST INCLUDED IN PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- ⑯ PROPOSED AGGREGATE SHOULDER, TYPE B



**EXISTING TYPICAL SECTION
US ROUTE 14 (NORTHWEST HIGHWAY)**



**PROPOSED TYPICAL SECTION
US ROUTE 14 (NORTHWEST HIGHWAY)**

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS (%)
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	4% AT 90 GYR.
LEVELING BINDER (MM), N70 (IL 9.5 mm)	4% AT 70 GYR.
HMA SHOULDER (HMA BINDER IL-19 mm)	2% AT 30 GYR.

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES 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."

FILE NAME = P141509-Design.dgn	USER NAME = guilleumefp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 14 (NORTHWEST HIGHWAY) @ KELSEY RD. EXISTING & PROPOSED TYPICAL SECTION	F.A.P. RTE. 305	SECTION 24R-N-2	COUNTY LAKE	TOTAL SHEETS 43	SHEET NO. 6	
	PLOT SCALE = 50,0000' / IN.	DRAWN -	REVISED -			SCALE: NONE		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60K17	
	PLOT DATE = 2/5/2011	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT					
		DATE -	REVISED -								