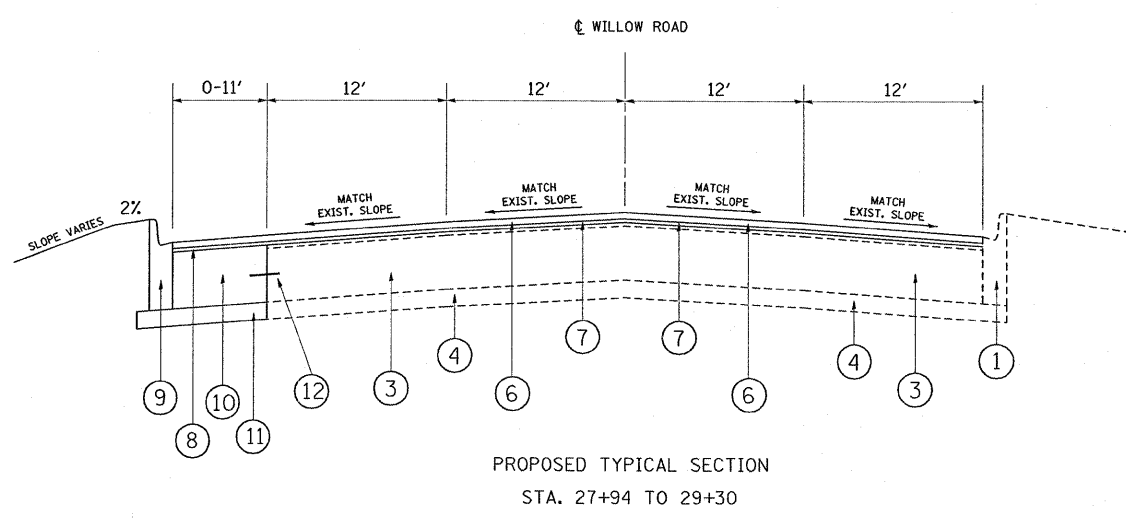
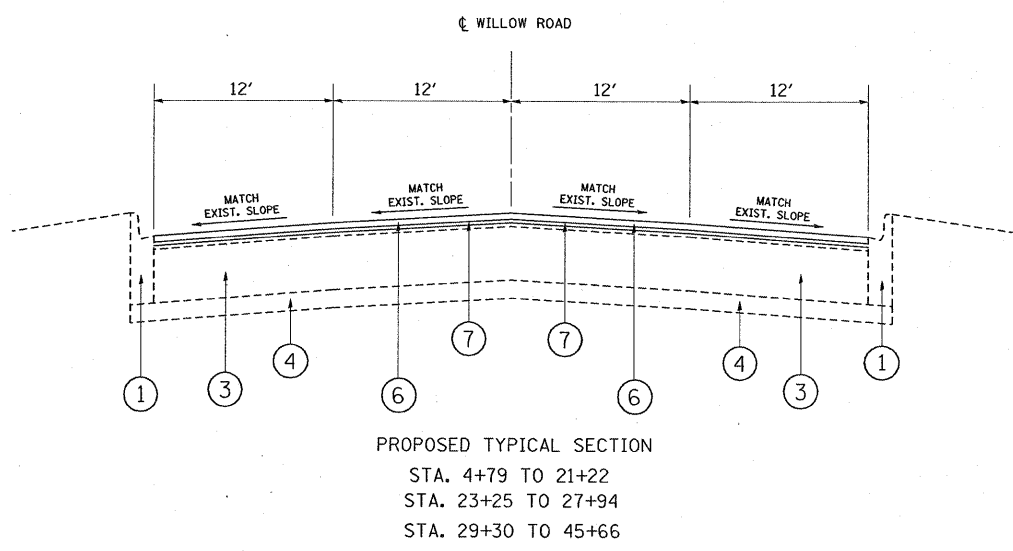
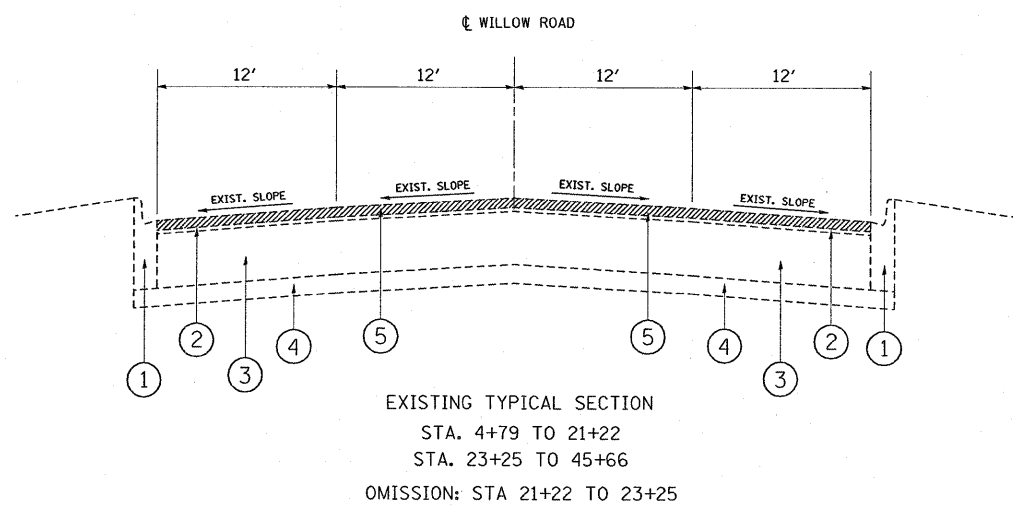


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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3561	2223 RS-2	COOK	21	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	



**LEGEND:**

- ① EXIST. COMBINATION CONCRETE CURB AND GUTTER
  - ② EXIST. HMA SURFACE, 5" (±)
  - ③ EXIST. P.C.C. PAVEMENT, 9" (±)
  - ④ EXIST. STABILIZED SUB-BASE
  - ⑤ PROP. HMA SURFACE REMOVAL, 2 1/4"
  - ⑥ PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
  - ⑦ PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
  - ⑧ PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
  - ⑨ PROP. COMBINATION CONC. C & G, TYPE B-6.12
  - ⑩ PROP. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9"
  - ⑪ PROP. SUBBASE GRANULAR MATERIAL, TYPE B 6"
  - ⑫ PROP. NO. 19 (\*6) EPOXY COATED DEFORMED BARS @ 24" CENTERS, 24"
- TIE BAR SHOULD BE INCIDENTAL TO THE PCC BASE COURSE WIDENING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USES	AC / PG	DESIGN AIR VOIDS
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	PG 64-22	4% AT 70 GYR.
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	SBS/SBR PG 76-28	4% AT 50 GYR.
HMA REPLACEMENT OVER PATCHES (BINDER, IL-19.0 mm) (SEE NOTE BELOW)	* PG 64-22/58-22	4% AT 70 GYR.
CLASS D PATCHES, (BINDER IL-19.0 mm) (SEE NOTE BELOW)	* PG 64-22/58-22	4% AT 70 GYR.

**NOTES:**

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SY/IN
- \* WHEN RAP EXCEEDS 20%, THE NEW MIX IN ASPHALT BINDER SHALL BE PG 58-22

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION WILLOW ROAD I-94 (EDENS EXPY.) TO HIBBARD ROAD PROPOSED AND EXISTING TYPICAL SECTIONS
NAME	DATE	
		SCALE: VERT. HORIZ. DATE 1/25/2008
DRAWN BY:		CHECKED BY: