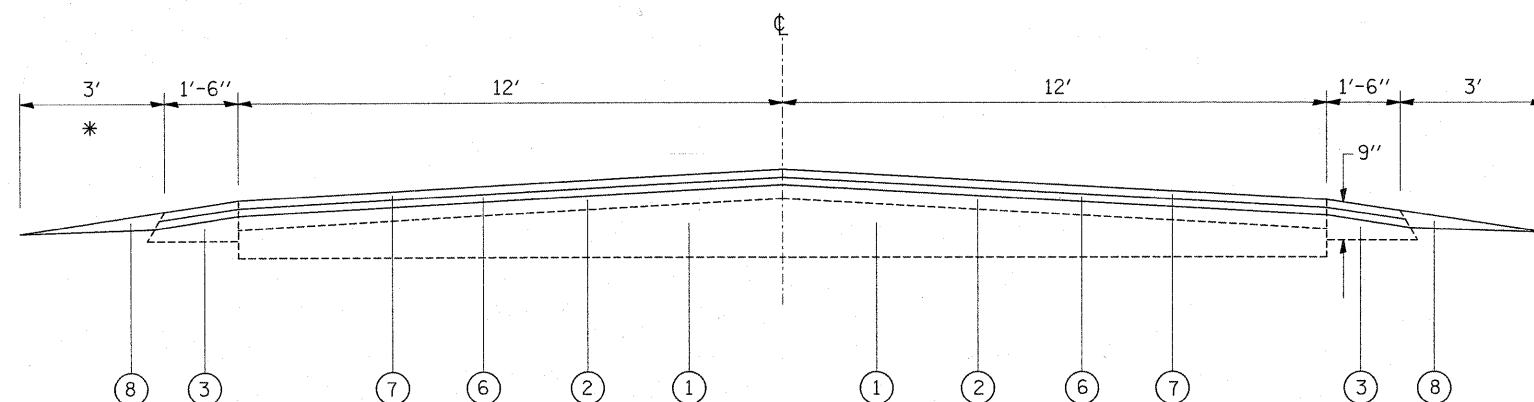


U.S. 30  
EXISTING TYPICAL SECTION  
STA. 0+00 TO STA. 126+50

\* AGGREGATE SHOULDER  
8' WIDE FROM STA. 0+00  
TO STA. 2+00 (WESTBOUND ONLY)



U.S. 30  
PROPOSED TYPICAL SECTION  
STA. 0+00 TO STA. 126+50

LEGEND

- ① EXISTING P.C.C. PAVEMENT, 8"
- ② EXISTING HOT-MIX ASPHALT SURFACE, 7 3/4" (AFTER SURFACE REMOVAL)
- ③ EXISTING HMA SHOULDER
- ④ EXISTING AGGREGATE SHOULDER TYPE "B"
- ⑤ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑧ PROPOSED AGGREGATE SHOULDER, TYPE "B", VARIABLE THICKNESS. (WEDGE)

MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	DESIGN AIR VOIDS	REMARKS
HOT-MIX ASPHALT SURFACE COURSE, SUPERPAVE MIX "D", N70	PG 64-22	4% @ 70 GYR.	IL-9.5 MM
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR.	
HMA REPLACEMENT OVER PATCHES, 10"	PG 64-22*	4% @ 70 GYR.	BINDER HMA IL-19 MM
CLASS "D" PATCHES, 8"	PG 64-22*	4% @ 70 GYR.	BINDER HMA IL-19 MM

\* "WHEN RAP EXCEED 20% THEN NEW ASPHALT IN THE MIX SHALL BE PG 58-22."

NOTE:

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

- NOTE:
- \* PROPOSED AGGREGATE SHOULDER 8' WIDE FROM STA. 0+00 TO STA 2+00 (WESTBOUND ONLY).
  - \* PROPOSED WHITE EDGE LINE-4" IS 12' FROM  $\phi$  (TYPICAL).

FILE NAME =	USER NAME = ulrichkd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>U.S. RTE. 30 (U.S. RTE. 34 TO 0.30 MILE NORTH OF 111TH STREET) EXISTING AND PROPOSED TYPICAL SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\pwidot\ULRICHKD\dms98446\0122006-sht-plan.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			349	16RS-6	WILL/KENDALL	30	5	
PLOT DATE = 12/23/2006	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60A98					
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					