

## **EXISTING CONDITIONS:**

- (A) HMA SURFACE COURSE 4"±
- B HMA BASE COURSE 10"
- (H) GRASS MEDIAN OR SLOPE
- © PCC BASE COURSE 10"
- (J) HMA PAVEMENT

G SIDEWALK

- (D) AGGREGATE SUBBASE 4"
- (K) AGGREGATE BASE COURSE
- E HMA SHOULDER 8"
- SEE REMOVAL PLANS FOR LOCATIONS
  OF ITEMS TO BE REMOVED
- F COMBINATION CURB AND GUTTER

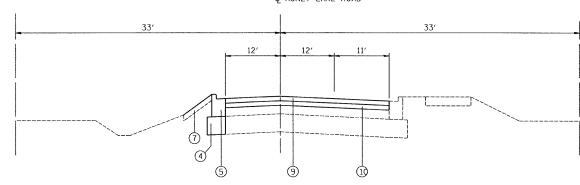
# PROPOSED IMPROVEMENTS:

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-19.0, N90, 2 1/4"
- (3) PCC BASE COURSE, 10"
- (4) SUBBASE GRANULAR MATERIAL, 4"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 6 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (7) TOPSOIL, FURNISH & PLACE, 4" SODDING, SALT TOLERANT FERTILIZER NUTRIENTS
- (8) HMA SURFACE REMOVAL 2 1/4"
- 9 HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- (0) POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL 4.75, N50, 1"

# 

# EXISTING TYPICAL SECTION STA. 17+96 TO STA 19+50

¢ HONEY LAKE ROAD



PROPOSED TYPICAL SECTION STA. 17+96 TO STA 19+50

### \*CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS						
MIXTURE TYPE	AIR VOIDS @ Ndes					
ROADWAY - US 12						
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm) (1 3/4")	4% @ 90 GYR					
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2 1/4")	4% @ 50 GYR					
ROADWAY - HONEY LAKE ROAD						
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm) (1 1/2")	4% @ 70 GYR					
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50 (1")	4% @ 50 GYR					
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES						
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm) (2")	4% @ 90 GYR					
PATCHING						
CLASS D PATCHES (HMA BINDER IL 19mm) (6 INCHES) (IN TWO LIFTS)	4% @ 70 GYR					
CLASS D PATCHES (HMA BINDER IL 19mm) (12 INCHES) (IN THREE LIFTS)	4% @ 70 GYR					
DRIVEWAYS						
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm) 2"	4% @ 50 GYR					
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19 mm) 8" (IN TWO LIFTS)	4% @ 50 GYR					

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE 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 =	USER NAME = _USER_	DESIGNED - TP / EF	REVISED -		U.S. ROUTE 12 (RAND ROAD) AT HONEY LAKE ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET
\$FILEL\$		DRAWN - TP / EF	REVISED -	STATE OF ILLINOIS	TYPICAL SECTIONS	334	SY-2-N	LAKE	34 5
	PLOT SCALE = 50.0000 '/ IN.	LHECKED - RS	REVISED -	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 60L68		
	PLOT DATE = 2/14/2011	DATE - 02-14-2011	REVISED -		SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT			