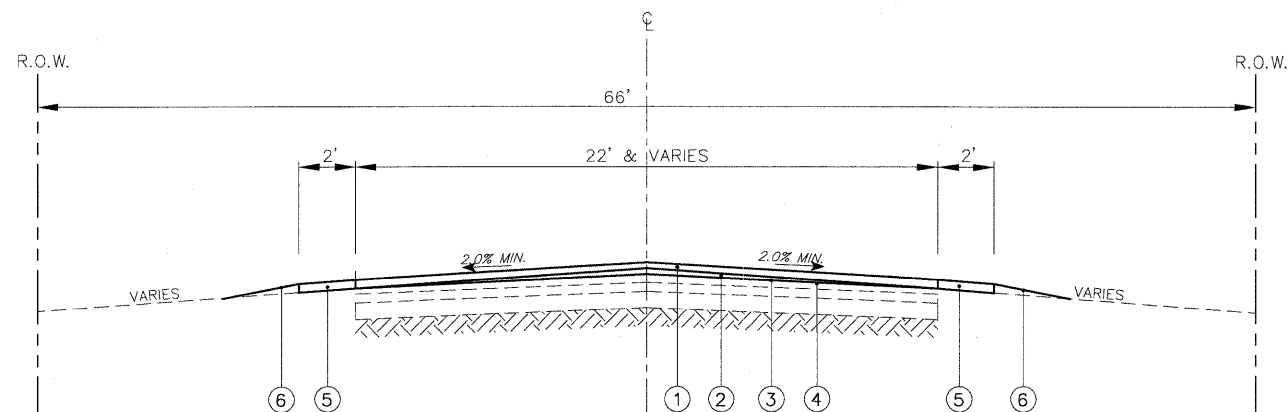


**EXISTING TYPICAL CROSS SECTION**  
 OLD BARRINGTON ROAD (FAU ROUTE 2953)  
 STA. 0+47 (CUBA ROAD) TO STA. 52+74 (IL ROUTE 22)

**EXISTING LEGEND**

- (A) EXISTING HMA PAVEMENT, 5" & VARIES
- (B) EXISTING AGGREGATE SUBBASE, 8" TO 12" & VARIES
- (C) EXISTING SUBGRADE
- (D) EXISTING AGGREGATE SHOULDER



**PROPOSED TYPICAL CROSS SECTION**  
 OLD BARRINGTON ROAD (FAU ROUTE 2953)  
 STA. 0+47 (CUBA ROAD) TO STA. 52+74 (IL ROUTE 22)

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX 'C', N50, 2"
- (2) LEVELING BINDER (MACHINE METHOD), N50, 1 1/4"
- (3) BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- (4) AREA REFLECTIVE CRACK CONTROL TREATMENT
- (5) 2" AGGREGATE SHOULDER, TO BE REPAIRED AS NEEDED
- (6) RESTORATION

**NOTES:**

- DRIVEWAY PAVEMENT SHALL BE REMOVED AND REPLACED AS MARKED BY THE ENGINEER.
- LIMITS OF REMOVAL SHALL NOT EXTEND PAST THE PUBLIC RIGHT-OF-WAY.
- THE INTENTION OF DRIVEWAY REMOVAL AND REPLACEMENT IS TO TRANSITION FROM PROPOSED ROAD PAVEMENT ELEVATION TO EXISTING DRIVEWAY PAVEMENT ELEVATION.
- HMA SURFACE REMOVAL, BUTT JOINTS AND ROADWAY BUTT JOINTS SHALL CONSIST OF COLD MILLING BUTT JOINTS AS MARKED BY THE ENGINEER.
- CLASS D PAVEMENT PATCHES, 6". INCLUDE REMOVAL OF SURFACE COURSE, BINDER COURSE AND/OR SUBBASE TO A TOTAL DEPTH OF 6" AS MARKED BY THE ENGINEER. REPLACEMENT MATERIAL SHALL BE HOT-MIX ASPHALT BINDER AND SHALL BE PREPARED TO ACCEPT THE LEVELING BINDER COURSE.
- HOT-MIX ASPHALT LEVELING BINDER COURSE, N50, SHALL BE PLACED AT A THICKNESS OF 1.25" AS DIRECTED BY THE ENGINEER.
- AREA REFLECTIVE CRACK CONTROL, SYSTEM A, SHALL BE PLACED PRIOR TO THE PLACEMENT OF THE FINAL SURFACE COURSE.
- HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, SHALL BE PLACED AT A THICKNESS OF 2" AS DIRECTED BY ENGINEER.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ N <sub>DES</sub>
<b>PAVEMENT RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm)	4% @ 50 Gyr.
LEVELING BINDER (MACHINE METHOD), IL 9.5 mm, N50	4% @ 50 Gyr.
<b>DRIVEWAYS</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 Gyr.
<small>Note: The unit weight used to calculate all HMA Mixture Quantities is 112Lbs/SqYd/in            Note: 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.</small>	

FILE NAME =  
3376 OLD BARRINGTON.DWG

USER NAME =  
PLOT SCALE = N.T.S.  
PLOT DATE = 8/3/09

DESIGNED - BVS  
DRAWN - BVS  
CHECKED - DJG  
DATE - 8/3/09

REVISED - 10/16/09  
REVISED - 10/22/09

**OLD BARRINGTON ROAD  
RESURFACING PROGRAM**

**TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 3 OF 10 SHEETS STA. TO STA.

F.A.U. RTE. 2953	SECTION 09-0006I-00-RS	COUNTY LAKE	TOTAL SHEETS 10	SHEET NO. 3
CONTRACT NO. 63393				ILLINOIS FED. AID PROJECT