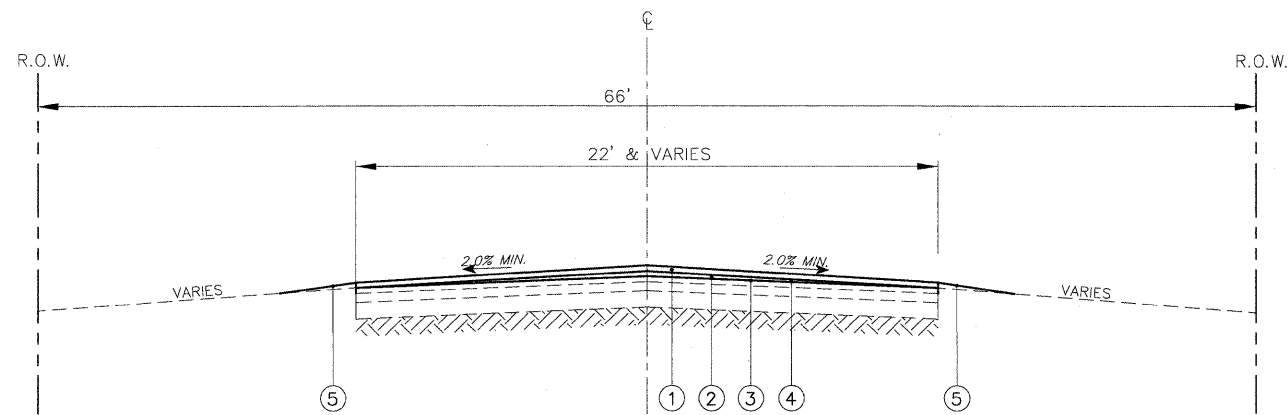


EXISTING TYPICAL CROSS SECTION
 DEERPETH ROAD (FAU ROUTE 2572)
 STA. 0+36 (LONG GROVE ROAD) TO STA. 22+98 (SWALLOW COURT)

EXISTING LEGEND

- (A) EXISTING HMA PAVEMENT, 6" & VARIES
- (B) EXISTING AGGREGATE SUBBASE, TYPE B (8" TO 12" & VARIES)
- (C) EXISTING SUBGRADE



PROPOSED TYPICAL CROSS SECTION
 DEERPETH ROAD (FAU ROUTE 2572)
 STA. 0+36 (LONG GROVE ROAD) TO STA. 22+98 (SWALLOW COURT)

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX 'C', N50, 2"
- (2) LEVELING BINDER (MACHINE METHOD), N50, 1.25"
- (3) BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- (4) AREA REFLECTIVE CRACK CONTROL TREATMENT
- (5) RESTORATION

NOTES:

- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINTS AND ROADWAY BUTT JOINTS SHALL CONSIST OF COLD MILLING BUTT JOINTS AS MARKED BY THE ENGINEER.
- DRIVEWAY PAVEMENT TO BE REMOVED AND REPLACED AS MARKED IN THE FIELD 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 PAVEMENT ELEVATION TO EXISTING DRIVEWAY PAVEMENT ELEVATION.
- 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 BINDER COURSE.
- HOT-MIX ASPHALT LEVEL BINDER (MACHINE METHOD) 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, (IL-9.5mm) SHALL BE PLACED AT A THICKNESS OF 2" AS DIRECTED BY ENGINEER.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ N _{DES}
PAVEMENT RESURFACING	
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.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 Gyr.
SPEED HUMP	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); VARIABLE DEPTH	4% @ 50 Gyr.

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.

FILE NAME =
8938.175DEERPETH RD.DWG

USER NAME =
DESIGNED - BVS
DRAWN - BVS
CHECKED - DJG
DATE - 8/3/09

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

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

**DEERPETH ROAD
RESURFACING PROGRAM**

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2572	09-00013-00-RS	LAKE	10	3
CONTRACT NO. 63358				

ILLINOIS FED. AID PROJECT