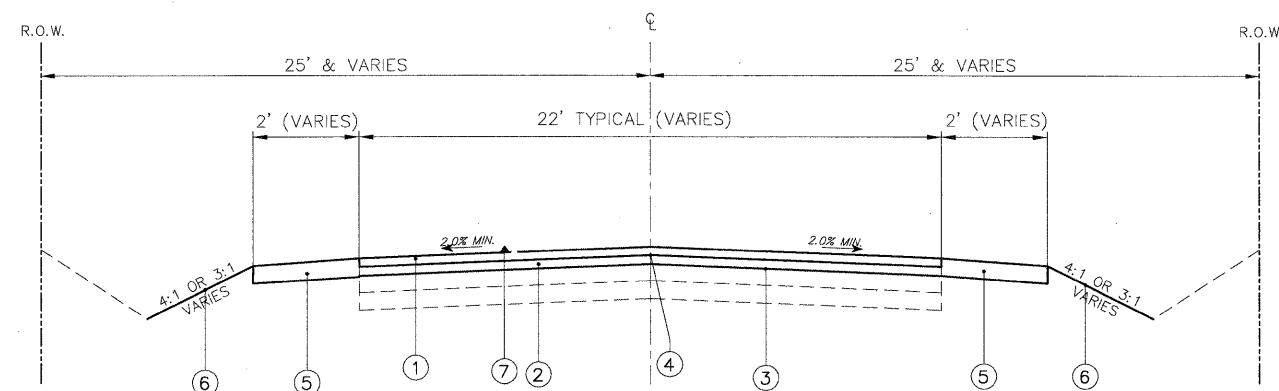


EXISTING TYPICAL CROSS SECTION
 SAUNDERS ROAD (FAU ROUTE 2416)
 STA. 1+24 (RIVERWOODS ROAD) TO STA. 77+51.5 (DUFFY LANE)

EXISTING LEGEND

- (A) EXISTING HMA PAVEMENT, 5"-7" & VARIES
- (B) EXISTING AGGREGATE BASE, TYPE B, 8"-12" & VARIES
- (C) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING SUBBASE



PROPOSED TYPICAL CROSS SECTION
 SAUNDERS ROAD (FAU ROUTE 2416)
 STA. 1+24 (RIVERWOODS ROAD) TO STA. 77+51.5 (DUFFY LANE)

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ② LEVELING BINDER (MACHINE METHOD), N50, 1"
- ③ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- ④ AREA REFLECTIVE CONTROL TREATMENT, SYSTEM A
- ⑤ AGGREGATE SHOULDER, 2", TO BE REPAIRED AS NEEDED
- ⑥ RESTORATION
- ⑦ BLUE RAISED REFLECTIVE PAVEMENT MARKER (AT FIRE HYDRANTS. SEE DETAIL)

NOTES:

- HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, SHALL BE PLACED AT A THICKNESS OF 2" AS DIRECTED BY ENGINEER.
- DRIVEWAY PAVEMENT TO BE REMOVED AND REPLACED AS MARKED IN THE FIELD BY THE ENGINEER.
- THE INTENTION OF DRIVEWAY REMOVAL AND REPLACEMENT IS TO TRANSITION FROM PROPOSED PAVEMENT ELEVATION TO EXISTING DRIVEWAY PAVEMENT ELEVATION.
- LEVELING BINDER (MACHINE METHOD), N50 SHALL BE PLACED AT A MAXIMUM THICKNESS OF 1" FOR THE PURPOSE OF BRINGING THE CROSS SECTION TO THE DESIRED PROFILE AS DIRECTED BY THE ENGINEER.
- CLASS D PATCHES, INCLUDES REMOVAL OF SURFACE COURSE AND BINDER OR SUBBASE TO A TOTAL DEPTH OF 6" AS MARKED BY THE ENGINEER AND REPLACED WITH HMA AND PROPERLY PREPARED TO ACCEPT THE FINAL LIFT OF HMA SURFACE COURSE.
- HMA SURFACE REMOVAL, BUTT JOINTS AND ROADWAY BUTT JOINTS SHALL CONSIST OF COLD MILLING BUTT JOINTS AS MARKED BY THE ENGINEER.
- LIMITS OF REMOVAL SHALL NOT EXTEND PAST THE PUBLIC RIGHT-OF-WAY.

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

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.

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 = 9770-263_Sounders.dwg

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

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

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

VILLAGE OF RIVERWOODS 2009 LAPP RESURFACING PROGRAM

TYPICAL SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2416	09-00015-00-RS	097(LAKE/LK)	10	3
CONTRACT NO. 63395				

SCALE: NONE SHEET NO. 3 OF 10 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT