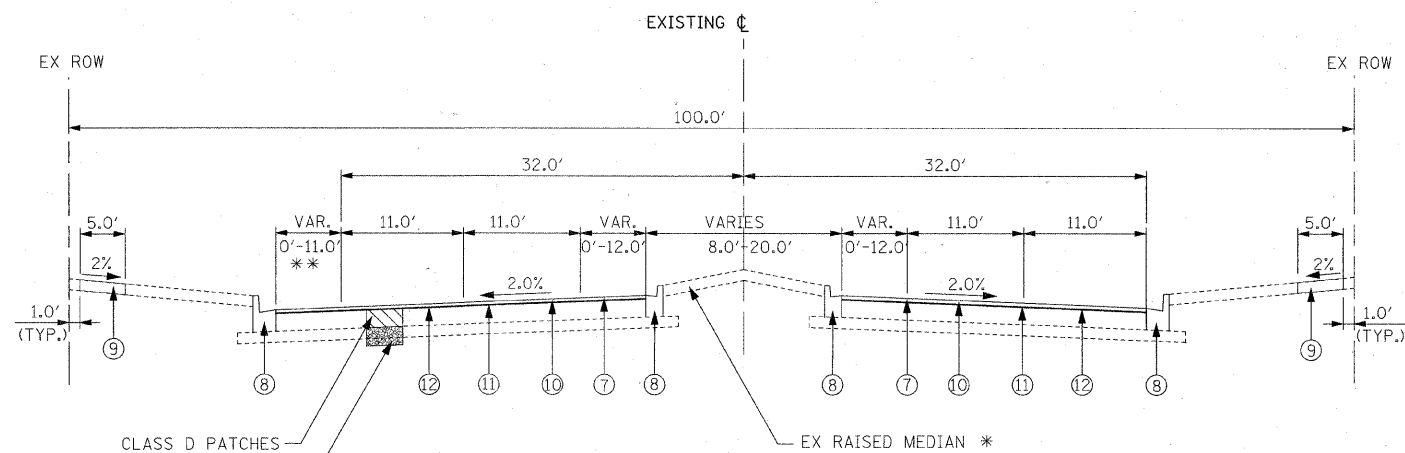


EXISTING TYPICAL SECTION

DIEHL ROAD
STA. 113+63.91 TO 144+82.00



PROPOSED TYPICAL SECTION

DIEHL ROAD
STA. 113+63.91 TO 144+82.00

- * INTERSECTION OMISSIONS:
- EX DRIVEWAY - FROM STA 115+81.85 TO STA 116+45.20
 - EX DRIVEWAY - FROM STA 120+62.20 TO STA 121+20.87
 - EX DRIVEWAY - FROM STA 123+98.82 TO STA 124+15.56
 - EX DRIVEWAY - FROM STA 137+25.35 TO STA 138+22.21
 - RAYMOND DRIVE- FROM STA 144+37.08 TO STA 144+82.00

** FROM STA 115+81.85 TO STA 120+08.66

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (2")	4% @ 90 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, (2 1/2")	4% @ 50 Gyr.
CLASS D PATCHES (IN 3 LIFTS) (HMA BINDER IL-19 mm)	4% @ 70 Gyr.
HOT-MIX ASPHALT BASE COURSE 6" (IN 2 LIFTS)	4% @ 50 Gyr.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% @ 70 Gyr.
<u>DRIVEWAYS</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

LEGEND

- EXISTING:**
- ① EXISTING HMA SURFACE COURSE, 2" AND HMA BINDER COURSE, 2"-2.5"
 - ② EXISTING AGGREGATE BASE COURSE, 12"
 - ③ EXISTING SUBBASE GRANULAR MATERIAL, TYPE B, 12"
 - ④ EXISTING TOPSOIL
 - ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR TYPE B-6.18
 - ⑥ EXISTING SIDEWALK, 5"
- PROPOSED:**
- ⑦ HMA SURFACE REMOVAL, 4-1/2" (44000167) (SEE EXISTING)
 - ⑧ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (60603800) AND COMBINATION CURB AND GUTTER REMOVAL (44000500) AS DIRECTED BY ENGINEER
 - ⑨ PCC SIDEWALK 5" (42400200), WITH AGG. BASE COURSE, TYPE B 2" (35101500) AND SIDEWALK REMOVAL (44000600) AS DIRECTED BY ENGINEER
 - ⑩ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F" N90, 2" (40603595)
 - ⑪ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 2 1/2" (40600827)
 - ⑫ BITUMINOUS MATERIALS (PRIME COAT) (40600100)

NOTE 1: CONTRACTOR SHALL PATCH BEFORE MILLING. SEE PATCHING DETAIL BD400-04 (BD-22) FOR INCLUDED ITEMS TO PATCHING COST AND FOR ADDITIONAL PATCHING DETAILS.

NOTE 2: AT LOCATIONS OF UNSUITABLE MATERIAL, AS DETERMINED BY THE ENGINEER, THE SUBGRADE TREATMENT SHALL CONSIST OF EXCAVATION OF UNSUITABLE MATERIAL TO A DEPTH OF 10 INCHES BELOW EXISTING PAVEMENT BASE AND PLACING POROUS GRANULAR EMBANKMENT SUBGRADE.

FILE NAME = #FILE#



USER NAME = #USER#	DESIGNED - EVI	REVISED -
PLOT SCALE = #SCALE#	DRAWN - KJB	REVISED -
PLOT DATE = #DATE#	CHECKED - DAK	REVISED -
#TIME#	DATE - 5/11/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
DIEHL ROAD (ROUTE 59 TO RAYMOND DRIVE)

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. — TO STA. —

F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1485	11-00150-00-RS	DUPAGE	21	4
CONTRACT NO. 63641				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				