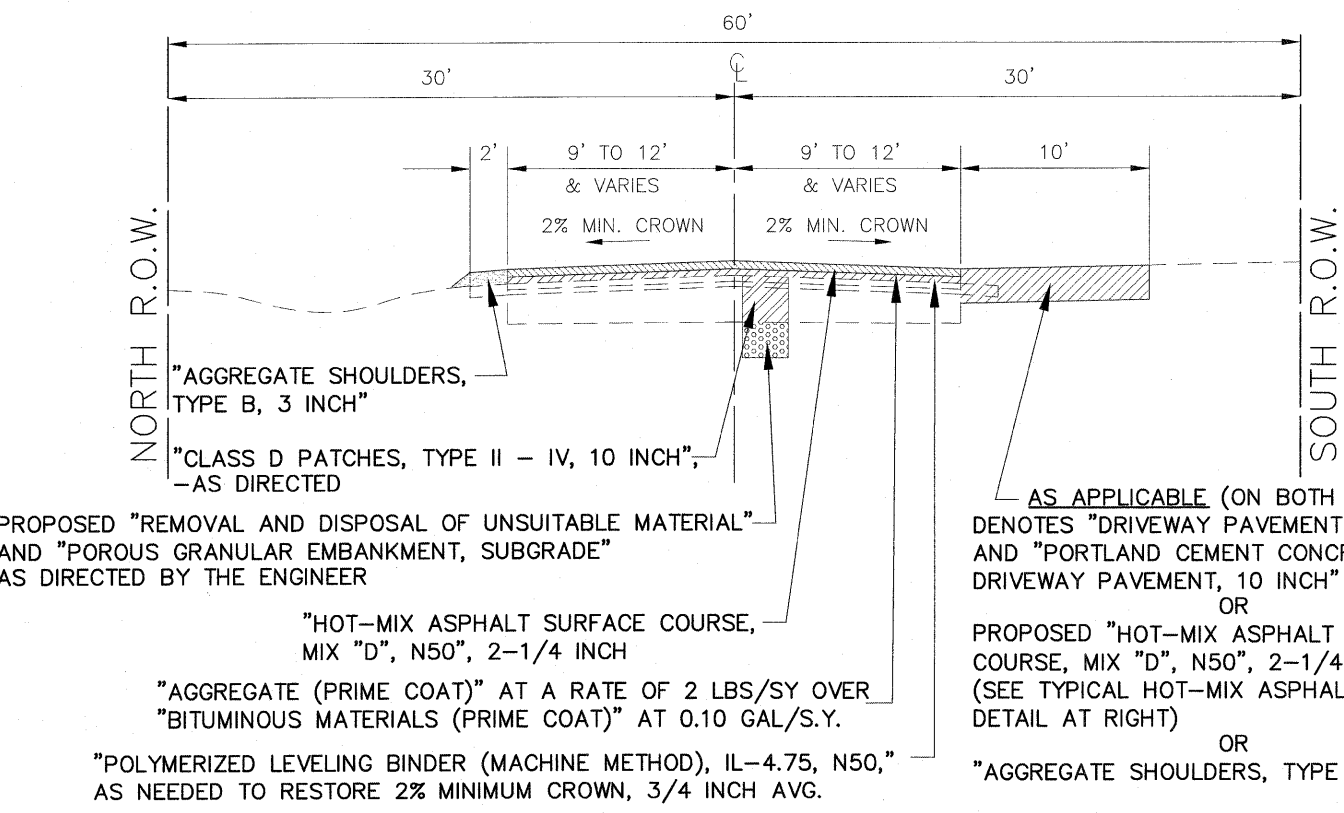


EXISTING TYPICAL SECTION
STA. 1+00 TO STA. 41+25, HIGH ROAD



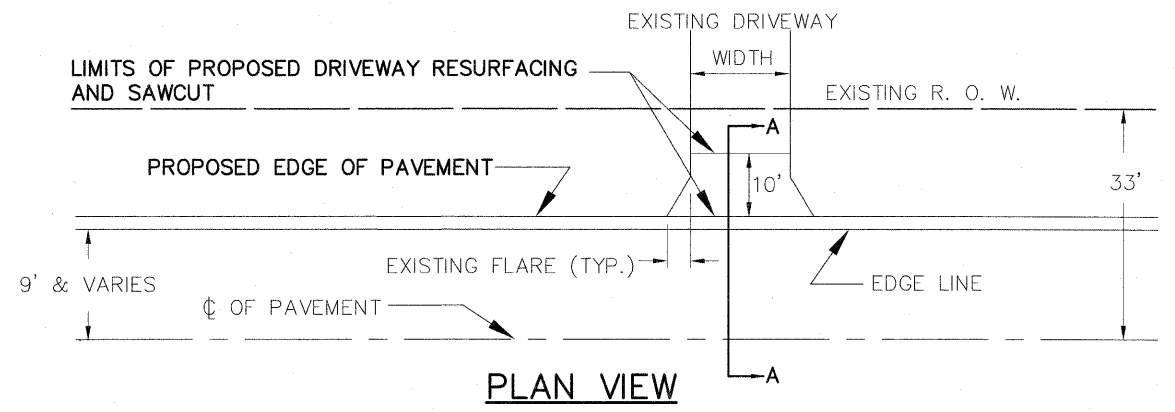
PROPOSED TYPICAL SECTION
STA. 1+00 TO STA. 41+25, HIGH ROAD

HIGH ROAD

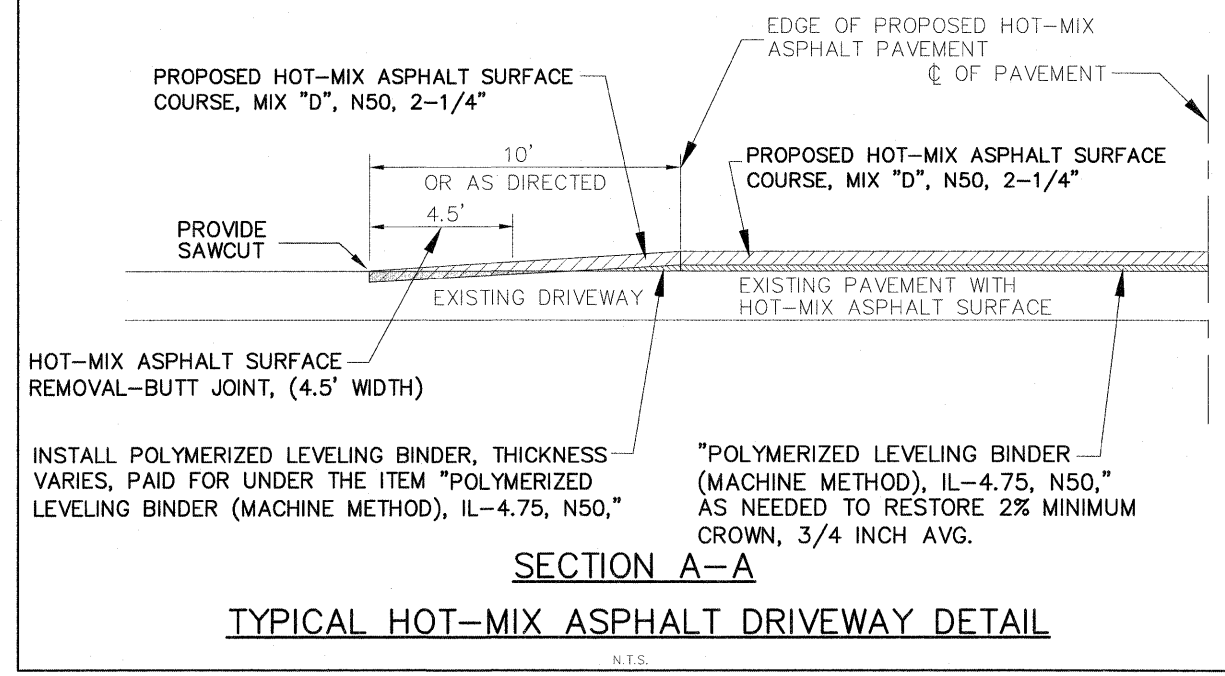
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

| MIXTURE TYPE | AIR VOIDS @ NDES |
|--|------------------|
| ROADWAY | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2-1/4" (IL-9.5mm) | 4% @ 50 GYR |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 INCH AVG. | 3.5% @ 50 GYR |
| DRIVEWAYS | |
| HOT-MIX ASPHALT DRIVEWAY REPLACEMENT, 2-1/4" (HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50) (IL-9.5mm) | 4% @ 50 GYR |
| PATCHING | |
| CLASS D PATCH, TYPE II-IV, (HMA BINDER IL-19 mm), 10" (IN 4 LIFTS) | 4% @ 70 GYR |

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 "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"
 "FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS"



PLAN VIEW



SECTION A-A
TYPICAL HOT-MIX ASPHALT DRIVEWAY DETAIL
N.T.S.

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
 REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

Frank Novotny & Associates, Inc.
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 Civil Engineer Municipal Consultants ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-00028

| | | | |
|--|--------------|-----------------|------------------------|
| FILE NAME = FAU 4307 (HIGH ROAD) LAPP RESURFACING | USER NAME = | DESIGNED -- JLC | REVISED -- JLC 2-27-12 |
| | PLOT SCALE = | DRAWN -- JFP | REVISED -- |
| | PLOT DATE = | CHECKED -- THK | REVISED -- |
| | | DATE -- 1/18 | REVISED -- |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|--|---------------------|--------------|--|
| TYPICAL SECTIONS (HIGH ROAD), HOT-MIX ASPHALT MIXTURE REQUIREMENTS, TYPICAL DRIVEWAY DETAIL | | | |
| SCALE: 1"=5' | SHEET NO. OF SHEETS | STA. TO STA. | |

| | | | | |
|---------------------|------------------------|---------------------------|-----------------|-------------|
| F.A. RTE. 4307 | SECTION 11-00048-00-RS | COUNTY WILL | TOTAL SHEETS 15 | SHEET NO. 3 |
| CONTRACT NO. 63704 | | | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | M-9003(824) | |