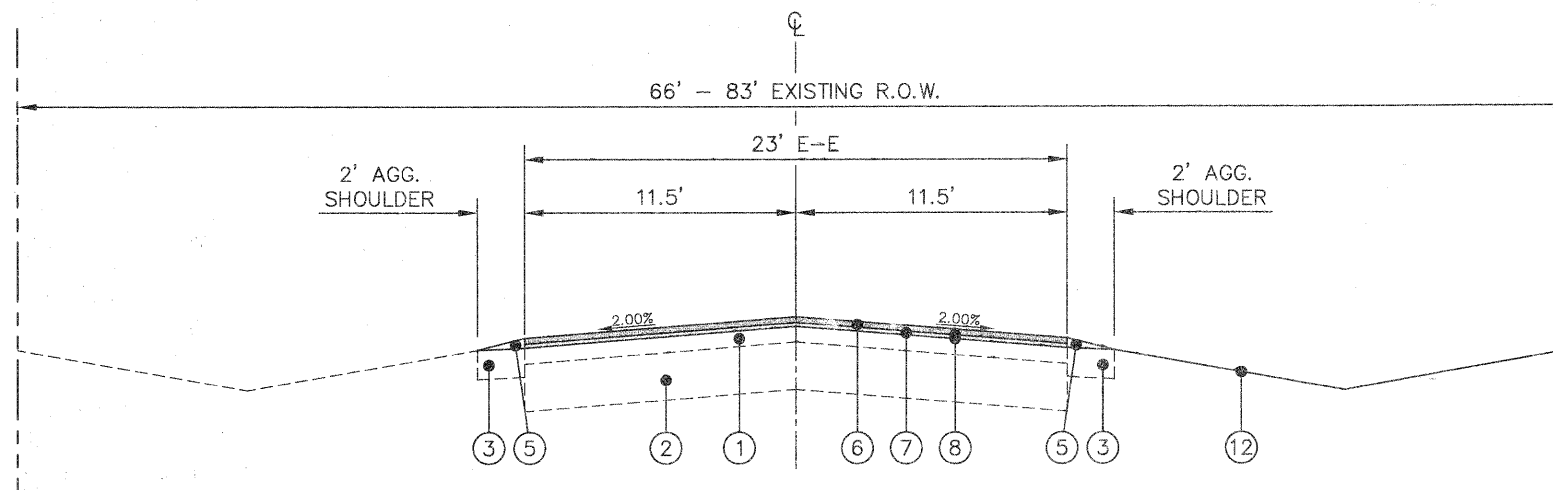


EXISTING TYPICAL SECTION

STA 102+69 TO STA 118+38, PRAIRIE STREET
 STA 200+59 TO STA 209+80, STA 213+28 TO STA 222+33,
 STA 225+65 TO STA 298+27, PRAIRIE STREET
 N.T.S.



PROPOSED TYPICAL SECTION

STA 102+69 TO STA 118+38, PRAIRIE STREET
 STA 200+59 TO STA 209+80, STA 213+28 TO STA 222+33,
 STA 225+65 TO STA 298+27, PRAIRIE STREET
 N.T.S.

LEGEND

- | | |
|--|--|
| ① EXISTING ASPHALT SURFACE (4" WEST OF IL 47/US 30, 7" EAST OF IL 47/US 30) | ⑦ LEVELING BINDER (MACHINE METHOD), N50, 1.0" |
| ② EXISTING AGGREGATE BASE COURSE (14" WEST OF IL 47/US 30, 7" EAST OF IL 47/US 30) | ⑧ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT) |
| ③ EXISTING AGGREGATE SHOULDER | ⑨ HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH |
| ④ HOT-IN PLACE RECYCLING | ⑩ COMBINATION CONCRETE CURB AND GUTTER |
| ⑤ AGGREGATE WEDGE SHOULDER, TYPE "B" | ⑪ PORTLAND CEMENT CONCRETE SIDEWALK |
| ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2.0" | ⑫ GRADING AND SHAPING DITCHES |

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
LEVELING BINDER (MACHINE METHOD), N50, (IL-9.5mm)	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL-9.5mm)	4% @ 50 Gyr.
HOT-MIX ASPHALT DRIVEWAY PAVEMENT HMA SURFACE COURSE, MIX "C", N50, (IL-9.5mm); 2"	4% @ 50 Gyr.
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 FOR "AC TYPE" AND "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS
 PATCHING SHALL BE PERFORMED AFTER MILLING OPERATIONS
 HOT-MIX ASPHALT DRIVEWAY PAVEMENT TO BE USED ON DRIVEWAYS THAT ARE NOT PAVED DURING MAINLINE OPERATIONS

Plotted: August 17, 2009 @ 7:19 AM By: Kris Pung - Tab: 04 X-Sections 22x34

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Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeiweb.com

VILLAGE OF SUGAR GROVE
 KANE COUNTY, ILLINOIS

NO.	DATE	REVISIONS

PRAIRIE STREET
 LAPP IMPROVEMENTS

TYPICAL EXISTING AND PROPOSED
CROSS SECTIONS AND HOT-MIX ASPHALT
MIXTURE REQUIREMENT TABLE

Path: \\S:\P\09\SG0909\DWG\FINAL\ENG\SG0909-CVR