



| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | |
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| MIXTURE TYPE | AIR VOIDS(%) |
| HMA SHOULDER | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM), 1 1/2" | 4% @ 70 GYR. |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" | 4% @ 50 GYR. |
| HOT-MIX ASPHALT SHOULDER, 6" (HMA BINDER, IL-19MM) | 2% @ 30 GYR. |

NOTE: THE UNIT WEIGHT USED 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 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."

NOTE:

* AGGREGATE SHOULDER, TYPE B SHALL BE PLACED IN GAPS BETWEEN THE PROPOSED SHOULDER AND THE EXISTING OR PROPOSED GUARDRAIL. THE THICKNESS AT THE AGGREGATE SHALL BE 4 INCHES OR AS DIRECTED BY THE ENGINEER.

BETWEEN STA 267+00 TO STA 282+00 AND STA 600+00 TO STA 615+00 ROADWORK WILL BE LIMITED TO PROPOSED "SHOULDER RUMBLE STRIP", THE OUTSIDE AND INSIDE LANE LINES SHALL ALSO BE RE-STRIPED WITH "THERMOPLASTIC PAVEMENT MARKING - LINE, 4 INCHES"

LEGEND

- ① EXISTING HOT-MIX ASPHALT SURFACE
- ② EXISTING P.C.C. BASE COURSE
- ③ EXISTING PAVEMENT MARKING LINE, 4"
- ④ EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑤ EXISTING AGGREGATE OR GRASS SHOULDER
- ⑥ PROPOSED REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑦ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑧ PROPOSED PAVEMENT REMOVAL
- ⑨ PROPOSED GRADING AND SHAPING SHOULDERS (WHERE NECESSARY)
- ⑩ PROPOSED SHOULDER RUMBLE STRIPES, (16" WIDE)
- ⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4"
- ⑫ PROPOSED HOT-MIX ASPHALT BASE COURSE, 6" (IN 2 LIFTS)
- ⑬ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 4"
- ⑭ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 1"
- ⑮ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"

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| FILE NAME = | USER NAME = qureshiga | DESIGNED - | REVISED - |
| ca\pw_work\pawdot\qureshiga\d0212316\0122609-sh1-plen.dgn | | DRAWN - | REVISED - |
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| | | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

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|---------------------------|------------|--------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| * | 2010-133-1 | WILL | 54 | 5 |
| * 846/357 | | CONTRACT NO. 60F75 | | |
| ILLINOIS FED. AID PROJECT | | | | |