

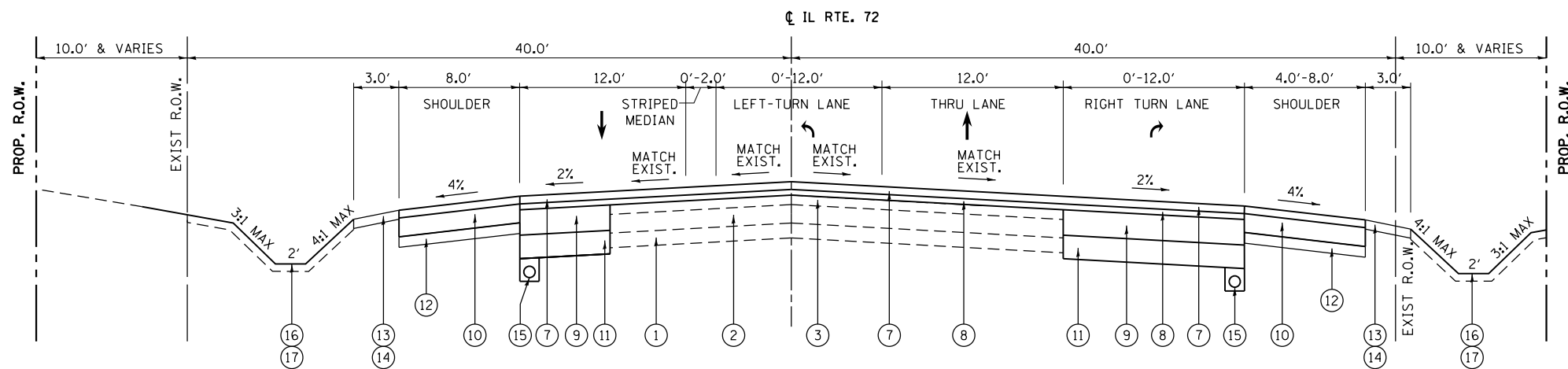
EXISTING TYPICAL SECTION

IL ROUTE 72

STA. 59+60 TO STA. 70+00
(LOOKING EAST)

2 1/2" HMA PAVEMENT SURFACE REMOVAL

NOTE: THE CONTRACTOR SHALL PATCH PRIOR TO MILLING.



PROPOSED TYPICAL SECTION

IL ROUTE 72

STA. 59+60 TO STA. 70+00
(LOOKING EAST)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS NOTES:

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. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

LEGEND

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|---|---|
| ① EXISTING AGGREGATE SUBGRADE | ⑩ PROPOSED HOT-MIX ASPHALT SHOULDER, 8" |
| ② EXISTING P.C.C. BASE, VARIES 7.75" TO 8.50" | ⑪ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12" |
| ③ EXISTING BIT. ASPHALT PAVEMENT, VARIES 8.00" TO 15.25" | ⑫ PROPOSED AGGREGATE BASE COURSE, TYPE B 4" |
| ④ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | ⑬ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑭ PROPOSED GRADING AND SHAPING SHOULDERS |
| ⑥ EXISTING DITCH / GRADELINE | ⑮ PROPOSED PIPE UNDERDRAINS 6" |
| ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm), 1 3/4" | ⑯ PROPOSED TOPSOIL FURNISH AND PLACE, 6" |
| ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" | ⑰ PROPOSED SEEDING, CLASS 2A, CLASS 4B & CLASS 4 (MODIFIED) SEE LANDSCAPING PLANS FOR LOCATIONS |
| ⑨ PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1/2" | |

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	PERCENT AIR VOIDS AT Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
HOT-MIX ASPHALT PAVEMENT WIDENING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm), 1 3/4"	4% @ 90 GYR.	OCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	OCP
HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1/2" (HMA BINDER IL-19mm)	4% @ 70 GYR.	OCP
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm), 1 3/4"	4% @ 90 GYR.	OCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	OCP
HOT-MIX ASPHALT SHOULDERS, 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 1 1/2"	4% @ 70 GYR.	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/2"	4% @ 70 GYR.	OCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.	QC/OA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.	QC/OA
DRIVEWAY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR.	QC/OA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm), 8"	4% @ 50 GYR.	QC/OA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm) 2"	4% @ 50 GYR.	QC/OA
HOT-MIX ASPHALT BINDER, N50 (IL-19mm) 8"	4% @ 50 GYR.	QC/OA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP)

FILE NAME =	USER NAME = chr1sf1sh	DESIGNED - BA	REVISED -
Default		DRAWN - BA	REVISED -
	PLOT SCALE = 10.0000 "/ in.	CHECKED - WK	REVISED -
	PLOT DATE = 4/1/2014	DATE - 3/31/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTION - SOUTH JUNCTION
IL ROUTE 72 (WEST LEG)**

SCALE: N.T.S. SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-2	KANE	147	17
CONTRACT NO. 60T09				
ILLINOIS FED. AID PROJECT				