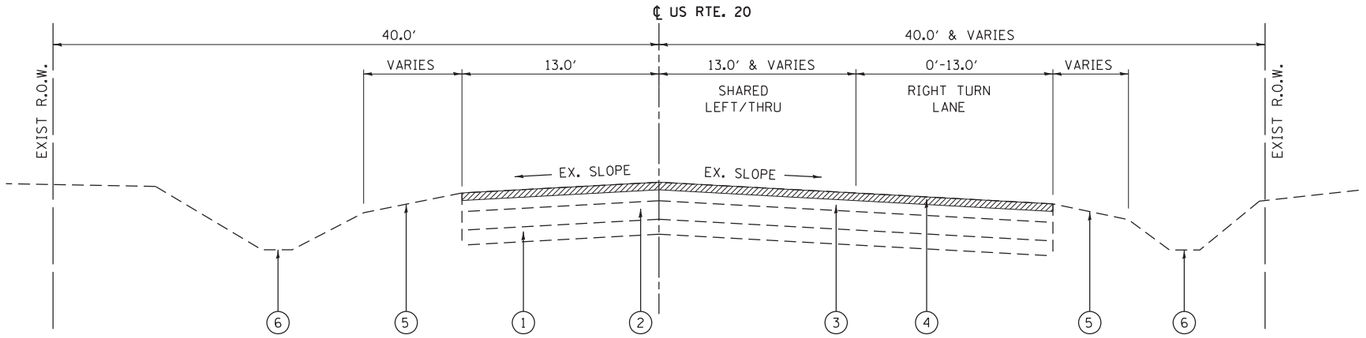
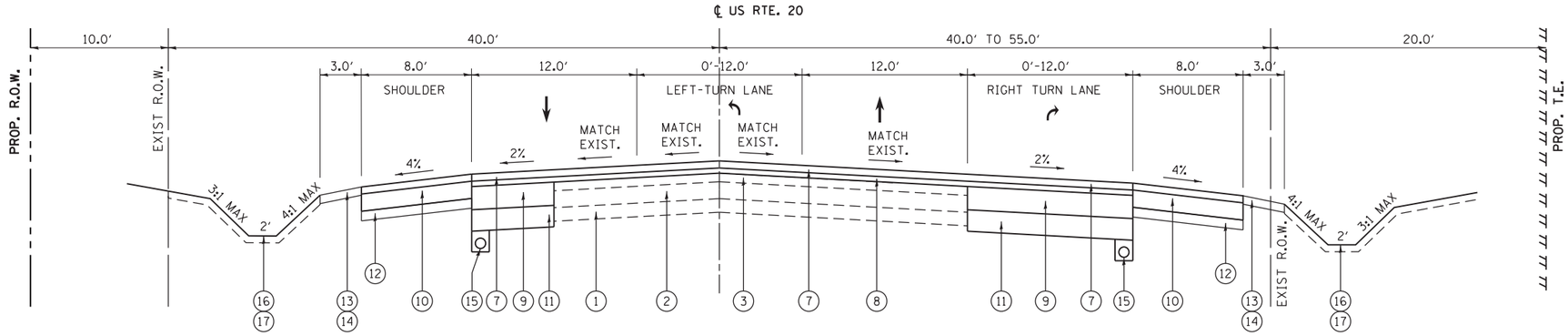


EXISTING TYPICAL SECTION
U.S. ROUTE 20
STA. 17+84 TO STA. 30+03
(LOOKING EAST)

2 1/2″ HMA PAVEMENT SURFACE REMOVAL

NOTE: THE CONTRACTOR SHALL PATCH PRIOR TO MILLING.



PROPOSED TYPICAL SECTION
U.S. ROUTE 20
STA. 17+84 TO STA. 30+03
(LOOKING EAST)

LEGEND

1. EXISTING AGGREGATE SUBGRADE
2. EXISTING P.C.C. PAVEMENT, VARIES 7.75″ TO 8.50″
3. EXISTING H.M.A. PAVEMENT, VARIES 8.00″ TO 15.25″
4. PROPOSED H.M.A. PAVEMENT SURFACE REMOVAL, 2 1/2″
5. EXISTING AGGREGATE SHOULDER
6. EXISTING DITCH / GRADELINE
7. PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX ″F″, N90 (IL 9.5 mm), 1¾″
8. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, ¾″
9. PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1/2″
10. PROPOSED HOT-MIX ASPHALT SHOULDER, 8″
11. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12″
12. PROPOSED AGGREGATE BASE COURSE, TYPE B, 4″
13. PROPOSED AGGREGATE SHOULDERS, TYPE B, 6″
14. PROPOSED GRADING AND SHAPING SHOULDERS
15. PROPOSED PIPE UNDERDRAINS 6″
16. PROPOSED TOPSOIL FURNISH AND PLACE, 6″
17. PROPOSED SEEDING, CLASS 2A, CLASS 4B & CLASS 4 (MODIFIED) SEE LANDSCAPING PLANS FOR LOCATIONS

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.

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.	QCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4″	3.5% @ 50 GYR.	QCP
HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1/2″ (HMA BINDER IL-19mm)	4% @ 70 GYR.	QCP
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX ″F″, N90 (IL 9.5mm), 1 3/4″	4% @ 90 GYR.	QCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4″	3.5% @ 50 GYR.	QCP
HOT–MIX ASPHALT SHOULDERS, 8″		
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, N70 (IL 9.5 mm), 1 1/2″	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/2″	4% @ 70 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.	QC/QA
DRIVEWAY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, N50 (IL 9.5 mm), 2″	4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm) PE-6″, CE-8″	4% @ 50 GYR.	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, N50 (IL-9.5mm) 2″	4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BINDER, N50 (IL-19mm) 8″	4% @ 50 GYR.	QC/QA
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTION – NORTH JUNCTION
U.S. ROUTE 20 (WEST LEG)

SCALE: N.T.S. | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-1	KANE	167	19
		CONTRACT NO. 60T10		
	ILLINOIS FED. AID PROJECT			