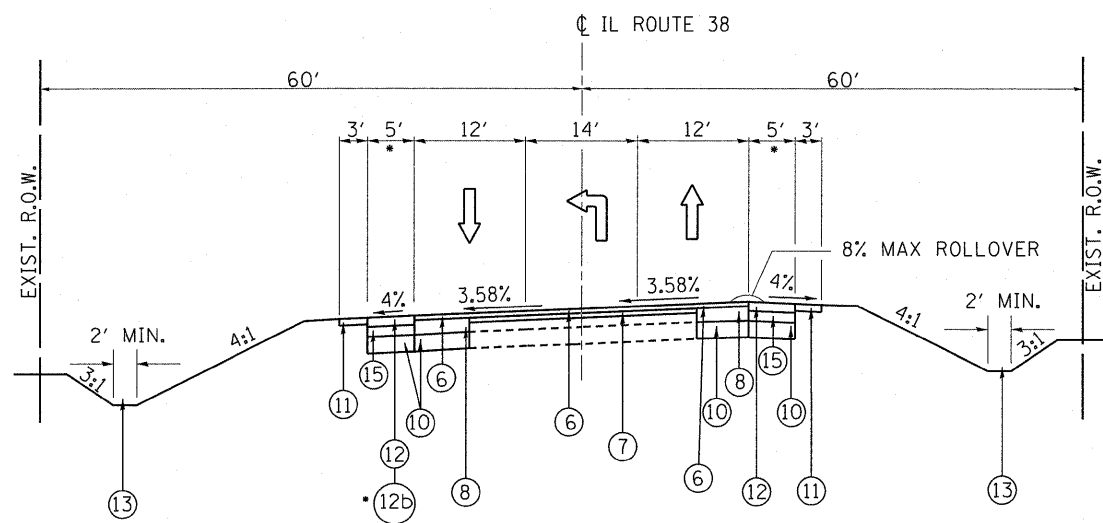


**EXISTING TYPICAL SECTION
IL ROUTE 38**

SECTION SUPERELEVATED FROM
STA. 190+52 TO STA. 200+00



**PROPOSED TYPICAL SECTION
IL ROUTE 38**

SECTION SUPERELEVATED FROM
STA. 190+52 TO STA. 200+00

* NOTE THE HMA SHOULDER BETWEEN STA. 193+10 TO STA. 194+96 WILL RANGE FROM 3.98' TO 4.7' WIDE, AND WILL BE 10" THICK, ADJACENT TO WINERY DRIVEWAY.

LEGEND

- ① EXISTING HOT-MIX ASPHALT OVERLAY VARIES ±5 1/2" TO ±8 1/4" (IL 38)
- ② EXISTING PCC BASE COURSE ±6" (IL 38)
- ③ EXISTING HMA BASE ±11 3/4" (MEREDITH RD.)
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING SWALE/DITCH
- ⑥ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90; 2"
- ⑦ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 1"
- ⑧ PROPOSED HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm, N70); 10 1/2" (IN 3 LIFTS)
- ⑨ PROPOSED HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm, N70); 7" (IN 2 LIFTS)
- ⑩ PROPOSED AGGREGATE SUBGRADE, 12"
- ⑪ PROPOSED AGGREGATE SHOULDER TYPE B, 6"
- ⑫ PROPOSED HOT-MIX ASPHALT SHOULDER, 8" (IN 2 LIFTS)
- ⑬ PROPOSED HOT-MIX ASPHALT SHOULDER, 10" (IN 3 LIFTS)
- ⑭ PROPOSED SWALE/DITCH
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑯ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 4 1/2"

** REFER TO SHEET 7A FOR THE EDGE OF PAVEMENT ELEVATION AFTER MILLING.

CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS
SHOULDERS	
HOT-MIX ASPHALT SHOULDERS, (HMA BINDER IL-19 mm); 8" & 10"	2% @ 30 GYR
RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm); 2"	4% @ 90 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 1"	4% @ 50 GYR
PAVEMENT WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm); 2"	4% @ 90 GYR
HMA BASE COURSE (HMA BINDER IL-19 mm), N70; 7" & 10.5"	4% @ 70 GYR
DRIVEWAYS	
HMA SURFACE COURSE, MIX C, N50 (IL 9.5 mm); 2", FE, PE	4% @ 50 GYR
HMA BASE COURSE (HMA BINDER IL-19 mm); PE - 6"	4% @ 50 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/ 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.

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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILL 38 AT MEREDITH ROAD
TYPICAL SECTIONS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	5 R-N-1	KANE	77	5
CONTRACT NO. 60K65				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.