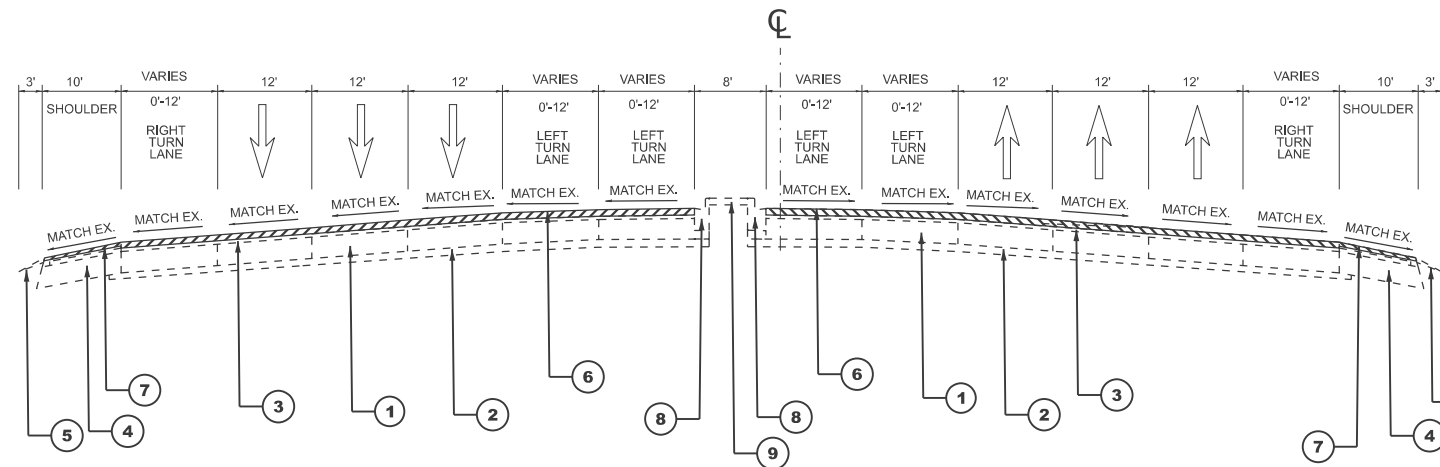


MODEL: SOQ-03 [Sheet]
FILE NAME: c:\pw work\pwidot\kalorm\118410\116225-sht-SOQ.dgn

REV-SEP

IL ROUTE 83



EXISTING TYPICAL SECTION

STA 15+98.74 - STA 17+94.53
STA 27+28.76 - STA 39+34.94
STA 48+48.72 - STA 60+28.89
STA 66+63.04 - STA 69+57.23
STA 78+71.88 - STA 90+35.83
STA 96+39.60 - STA 99+76.25
STA 107+01.70 - STA 111+03.43

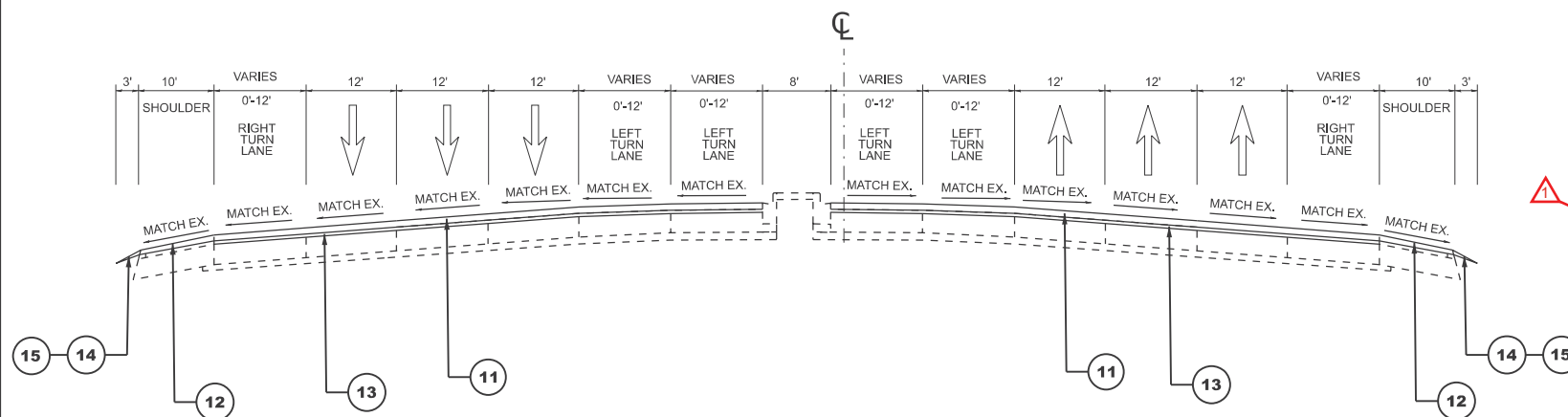
LEGEND - EXISTING

- 1 PORTLAND CEMENT CONCRETE PAVEMENT, $\pm 10"$
- 2 STABILIZED SUB-BASE, 4"
- 3 HMA BEFORE MILLING, $\pm 3"$
- 4 STABILIZED SHOULDER BEFORE MILLING, 10"
- 5 AGGREGATE SHOULDER, TYPE B
- 6 HMA SURFACE REMOVAL, $\pm 3"$
- 7 HMA SURFACE REMOVAL, $\pm 2"$
- 8 COMBINATION CONCRETE CURB AND GUTTER
- 9 CONCRETE MEDIAN
- 10 LANDSCAPE MEDIAN

LEGEND - PROPOSED

- ⑪ POLY HMA SURFACE COURSE, SMA, 12.5, MIX "F", N80, 2"
- ⑫ HMA SURFACE COURSE, IL-9.5, MIX "D", N70 , 2"
- ⑬ POLY HMA BINDER COURSE, IL-4.75, N50 , 1"
- ⑭ GRADING AND SHAPING SHOULDERS
- ⑮ AGGREGATE WEDGE SHOULDER, TYPE B

IL ROUTE 83



PROPOSED TYPICAL SECTION

STA 15+98.74 - STA 17+94.53
STA 27+28.76 - STA 39+34.94
STA 48+48.72 - STA 60+28.89
STA 66+63.04 - STA 69+57.23
STA 78+71.88 - STA 90+35.83
STA 96+39.60 - STA 99+76.25
STA 107+01.70 - STA 111+03.43

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP	MTD REQUIRED? (YES/NO)
MIXTURE TYPE	AIR VOIDS @ Ndesign		
PAVEMENT RESURFACING (MAINLINE)			
POLY HMA SURFACE COURSE, SMA, 12.5, MIX "F", N80, 2" (NOTE 5)	3.5% @ 80 Gyr.	PFP	YES
POLY HMA BINDER COURSE, IL-4.75, N50 , 1"	3.5% @ 50 Gyr.	QCP	NO
SHOULDER			
HMA SURFACE COURSE, IL-9.5, MIX "D", N70 , 2"	4% @ 70 Gyr.	QCP	NO
PATCHING			
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 90 Gyr.	QC/QA	NO
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM)	4% @ 90 Gyr.	QC/QA	NO
DRIVEWAYS			
HOT-MIX ASPHALT SURFACE COURSE, (IL-9.5 mm), MIX "D", N50, 2"	4% @ 50 Gyr.	QC/QA	NO
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER) (IL-19.0 mm); CE - 8"	4% @ 50 Gyr.	QC/QA	NO
TEMPORARY RAMP (SPECIAL)			
HMA BINDER COURSE, IL-9.5, N70 (VAR. DEPTH)	4% @ 70 Gyr.	QC/QA	NO

QMP Designations: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PFP)

NOTES:

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

NOTE 3: THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE. FOR SB SEGMENT REQUIRING TWO LIFTS OF SURFACE MIX, PLACE LONGITUDINAL JOINT SEALANT BETWEEN THE TWO LIFTS OF P HMA SC SMA 12.5 MIX F N80."

NOTE 4: THE CONTRACTOR SHALL PERFORM THE PAVEMENT PATCHING OPERATION FIRST BEFORE PERFORMING THE HMA SURFACE REMOVAL OPERATION. SEE IDOT DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22) FOR ADDITIONAL INFORMATION.

NOTE 5: SEE PLANS FOR WORK ON IL 83 SB THAT WILL REQUIRE 4" OF POLY HMA SC SMA 12.5 MIX F N80 PLACED IN 2 LIFTS.