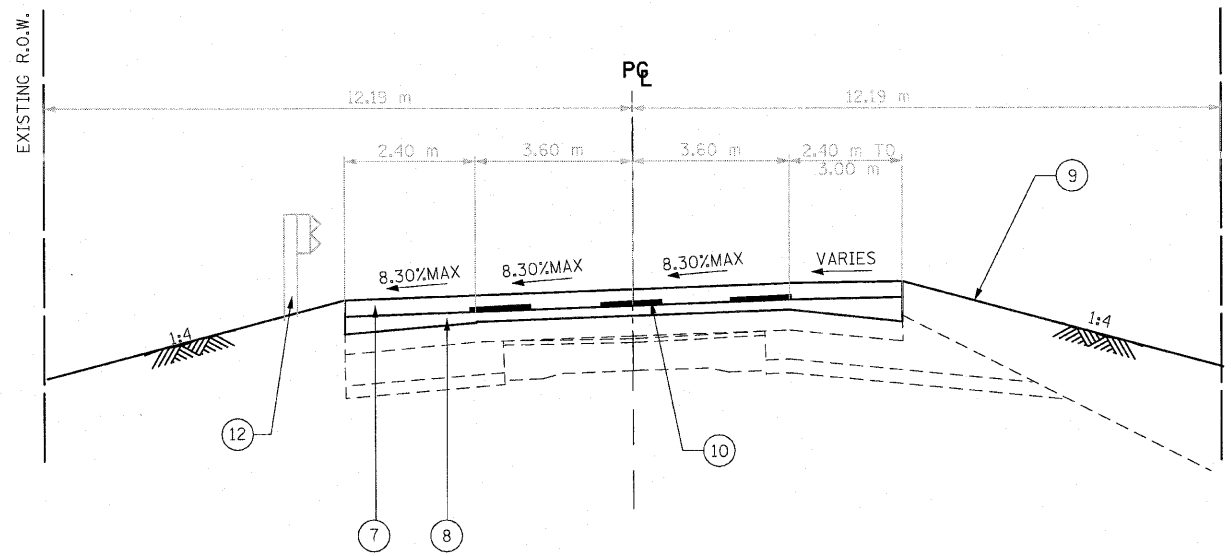


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	134(B&B-2)R-1	LAKE	137	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62037



TYPICAL SECTION LEGEND

- 7 PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 45mm
- 8 PROPOSED LEVELING BINDER (MACHINE METHOD), N70 19mm
- 9 TOPSOIL FURNISH AND PLACE, 100mm
- 10 PROPOSED REFLECTIVE CRACK CONTROL TREATMENT, SPECIAL 900mm
- 11 PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
- 12 PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A WITH TRAFFIC BARRIER TERMINAL, TYPE 6 CONNECTION TO BRIDGE AND TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT) WITH TERMINAL MARKERS AT END. SEE PLAN AND PROFILE SHEET FOR LOCATIONS.

RIGHT SHOULDER WIDTH

STA. 25+077 TO 25+084.50: TRANSITION 2.40m TO 3.00m
 STA. 25+112.250 TO 25+120: TRANSITION 3.00m TO 2.40m

IL ROUTE 173 OVER WEST BOAT CHANNEL
 STA. 25+077 TO STA. 25+093.533
 STA. 25+103.253 TO STA. 25+120
 BRIDGE OMISSION: STA. 25+093.533 TO STA. 25+103.253

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING	
MIXTURE TYPE	AIR VOIDS @ Ndes
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	4% @ 70 GYR
PAVEMENT RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	4% @ 90 GYR
LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5mm)	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR
TEMPORARY PAVEMENT	
TEMPORARY PAVEMENT (HMA BINDER IL-19mm)	4% @ 50 GYR
INCIDENTAL HMA SURFACING (HMA SURFACE COURSE MIX "C", N50 (IL-9.5mm))	4% @ 50 GYR
HMA PAVEMENT (FULL DEPTH)	
50mm POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	4% @ 90 GYR
270mm HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR
COMMERCIAL ENTRANCES	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm)	4% @ 50 GYR
BRIDGE APPROACH PAVEMENT (FLEXIBLE)	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	4% @ 90 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 2.4KG/m²/mm

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

SUPERELEVATION TRANSITION

A	NORMAL CROWN 1.50%	STA. 24+655.249
B	0% OUTSIDE LANE 1.50%	STA. 24+665.249
C	REMOVE CROWN 1.50% ACROSS	STA. 24+675.249
D	PC 67% OF e 5.56% ACROSS	STA. 24+702.249
E	BEGIN FULL SUPERELEVATION 8.30%	STA. 24+720.249
FULL SUPERELEVATION THROUGH PROJECT LIMITS EXCEPT TO TIE TO EXISTING		
E	END FULL SUPERELEVATION 8.30%	STA. 25+317.470
D	PT 67% OF e 5.56% ACROSS	STA. 25+335.470
C	REMOVE CROWN 1.50% ACROSS	STA. 25+362.470
B	0% OUTSIDE LANE 1.50%	STA. 25+372.470
A	NORMAL CROWN 1.50%	STA. 25+382.470

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL ROUTE 173 OVER WEST BOAT CHANNEL

TYPICAL SECTIONS PROPOSED

SCALE: NTS
 DRAWN BY: CLG
 CHECKED BY: JJD

DATE: 3-8-10

