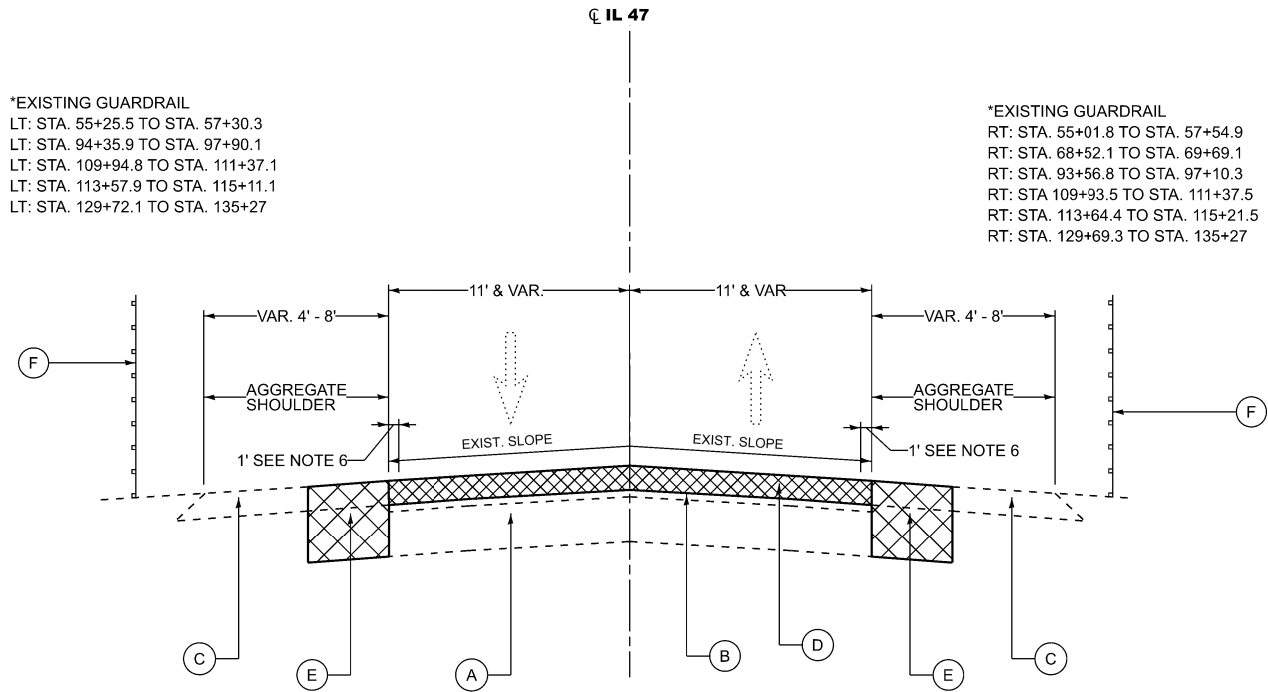
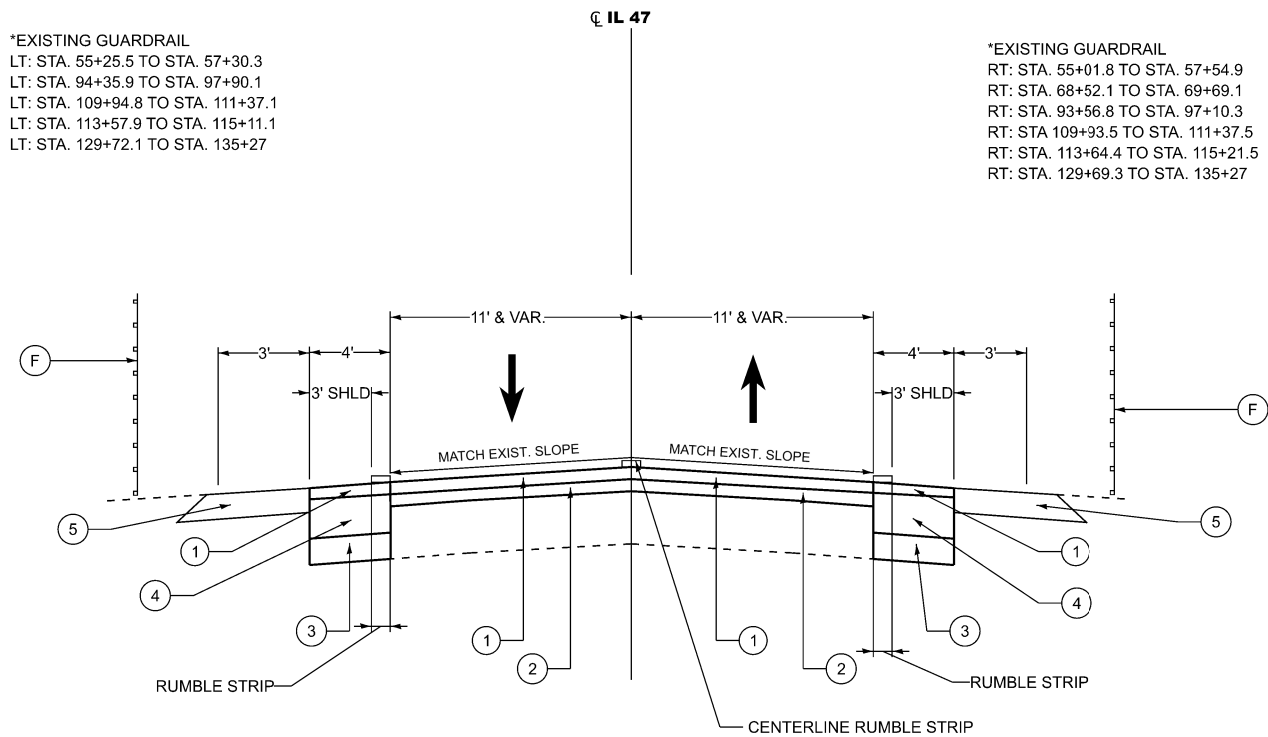


MODEL: IL-47 (TYP. 1) (Sheet)
FILE NAME: c:\pwworking\jammal.aramahi\1043304-shl-typical.dgn



EXISTING TYPICAL SECTION

STA. 44+00 TO STA. 135+32



PROPOSED TYPICAL SECTION

STA. 44+00 TO STA. 135+32

EXISTING LEGEND

- A — PCC PAVEMENT, $\pm 9"$
- B — HMA SURFACE COURSE, $\pm 4 \frac{1}{2}"$
- C — AGGREGATE SHOULDER
- D — HMA SURFACE REMOVAL, $2 \frac{1}{4}"$
- E — EARTH EXCAVATION, 22" (AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER)
- F — EXISTING GUARDRAIL (THE ENGINEER SHALL DETERMINE THE LOCATIONS AND IF REMOVAL AND IF REERECTION IS REQUIRED.)

PROPOSED LEGEND

- 1 — HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, $1 \frac{1}{2}"$
- 2 — POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, $\frac{3}{4}"$
- 3 — AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 4 — HOT-MIX ASPHALT BASE COURSE WIDENING, $8 \frac{1}{2}"$
- 5 — AGGREGATE WEDGE SHOULDER, TYPE B

NOTES:

6. SAWCUT THE EXISTING HMA SHOULDER 1' FROM THE OUTSIDE EDGE FOR A CLEAN LINE FOR THE HMA SHOULDER WIDENING. WHERE THE EXISTING HMA SHOULDER IS 1' OR LESS, SAWCUT ON THE 12' LANE LINE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)
STANDARD OVERLAY AND HMA SHOULDERS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, $1 \frac{1}{2}"$	4% @ 70 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, $\frac{3}{4}"$	3.5% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0), $8 \frac{1}{2}"$	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT PATCHING		
CLASS D PATCH (HOT-MIX ASPHALT BINDER IL-19.0)	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HOT-MIX ASPHALT BINDER IL-19.0)	4% @ 70 GYR.	QC/QA
DRIVEWAY		
HOT-MIX ASPHALT BASE COURSE, 6" (HMA BINDER IL-19.0)	4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA), QUALITY CONTROL FOR PERFORMANCE (QCP), PAY FOR PERFORMANCE (PFP)		

- THE CONTRACTOR SHALL PATCH BEFORE MILLING.
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HOT-MIX ASPHALT MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HOT-MIX ASPHALT THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50.

1 REVISED SHEET 6/3/2025

PLOT DATE = 6/2/2025	USER NAME = jammal.aramahi	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. ROUTE 326 (IL 47)
TYPICAL SECTIONS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2020-083-RS	MCHENRY	24	8
CONTRACT NO. 62L61				
ILLINOIS FED. AID PROJECT				

- (A) — PCC PAVEMENT, $\pm 9"$
- (B) — HMA SURFACE COURSE, $\pm 4 \frac{1}{2}"$
- (C) — AGGREGATE SHOULDER
- (D) — HMA SURFACE REMOVAL, $2 \frac{1}{4}"$
- (E) — EARTH EXCAVATION, 22" (AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER)
- (F) — EXISTING GUARDRAIL (THE ENGINEER SHALL DETERMINE THE LOCATIONS AND IF REMOVAL AND REERECTION IS REQUIRED.)

- ① HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1/2"
- ⑤ AGGREGATE WEDGE SHOULDER, TYPE B

***EXISTING GUARDRAIL**
LT: STA. 135+27 TO STA. 137+08.1

***EXISTING GUARDRAIL**
RT: STA. 135+27 TO STA. 137+08.5

CL IL 47

VAR. 4' - 8'

11' & VAR.

TURNING LANES
VAR. 10 - 12'

11' & VAR.

VAR. 4' - 8'

AGGREGATE SHOULDER

1' SEE NOTE 1

EXIST. SLOPE

EXIST. SLOPE

1' SEE NOTE 1

AGGREGATE SHOULDER

F

C

E

A

B

D

E

C

EXISTING TYPICAL SECTION

STA. 135+32 TO STA. 151+00

STA. 135+32 TO STA. 151+00

STA. 135+32 TO STA. 151+00

1

USER NAME = jammal.alramahi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/2/2025	DATE -	REVISED -

SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2020-083-RS	MCHENRY	24	9
		CONTRACT NO. 62L61		
		ILLINOIS	FED. AID PROJECT	