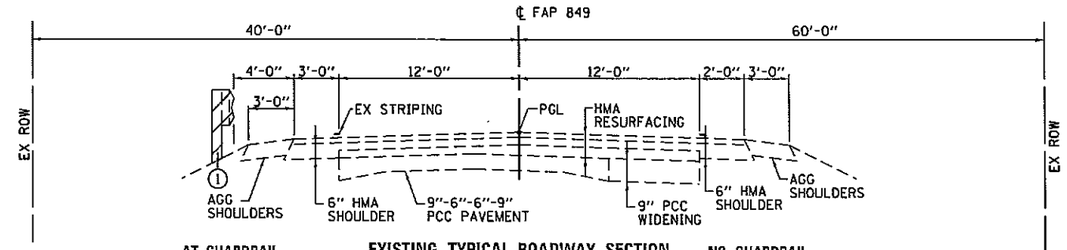


EXISTING TYPICAL ROADWAY SECTION

STA 75+32.42 TO 79+28.71

HMA MIXTURES REQUIREMENTS

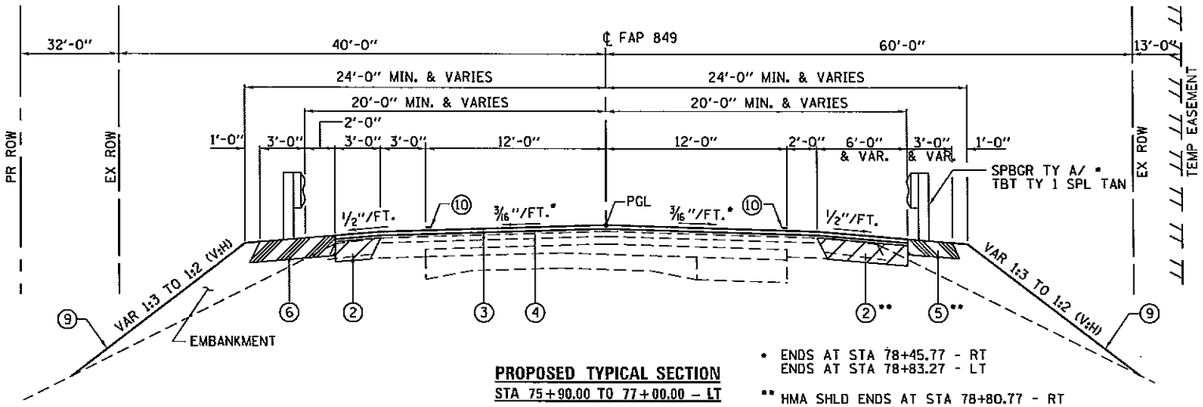
LOCATION(S):	HMA SURFACE COURSE	HMA LEVELING BINDER COURSE	BASE COURSE WIDENING/ HMA SHOULDERS (LOWER LIFTS)	HMA SHOULDERS (TOP LIFT)
MIXTURE USE(S):	HMA SURFACE CSE, MIX D, N90	LEVELING BINDER (MM), IL-9.5FG, N90	HMA BINDER CSE, N90, IL-19.0FG	HMA SURFACE CSE, MIX C, N90
AC/PG GRADE:	PG64-22	PG64-22	PG64-22	PG64-22
ABR % (MAX):	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
RAP % (MAX): •••	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0%, 90 GYRATION DESIGN	4.0%, 90 GYRATION DESIGN	4.0%, 90 GYRATION DESIGN	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5	IL-9.5 FINE GRADE	IL-19.0 FINE GRADE	IL-9.5
FRICTION AGGREGATE:	D SURFACE	NONE	NONE	NONE
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA	QCQA

••• IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED AS DETERMINED BY THE ENGINEER.

EXISTING GUARDRAIL LOCATIONS

STA 76+57± TO STA 79+47± - LT
STA 76+36± TO STA 78+12± - RT

NOTE:
ATTAIN SUPER ELEVATION STA 77+65.00 TO STA 79+28.71-MATCH EXISTING SLOPES



PROPOSED TYPICAL SECTION
STA 75+90.00 TO 77+00.00 – LT
STA 77+65.00 TO 78+75.00 – LT
STA 75+52.87 TO 77+00.00 – RT
STA 77+65.00 TO 79+10.00 – RT

• ENDS AT STA 78+45.77 - RT
ENDS AT STA 78+83.27 - LT

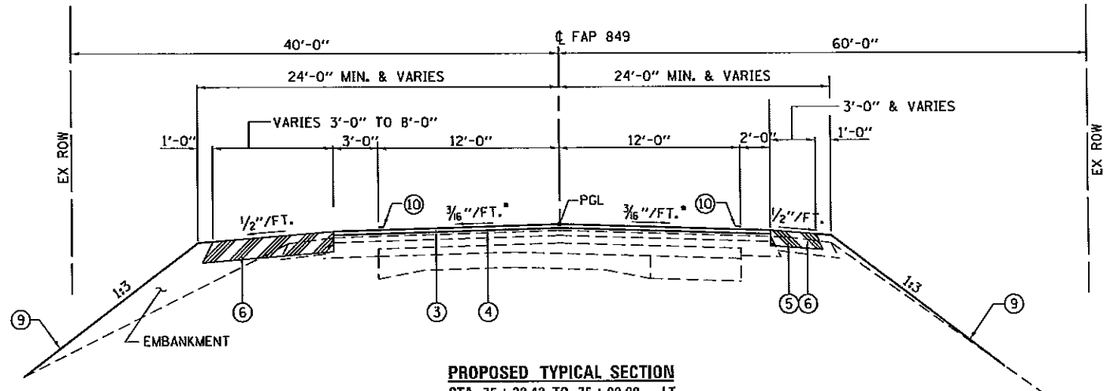
•• HMA SHLD ENDS AT STA 78+80.77 - RT

BASE COURSE WIDENING:
STA 75+90.00 TO STA 78+75.00 - LT

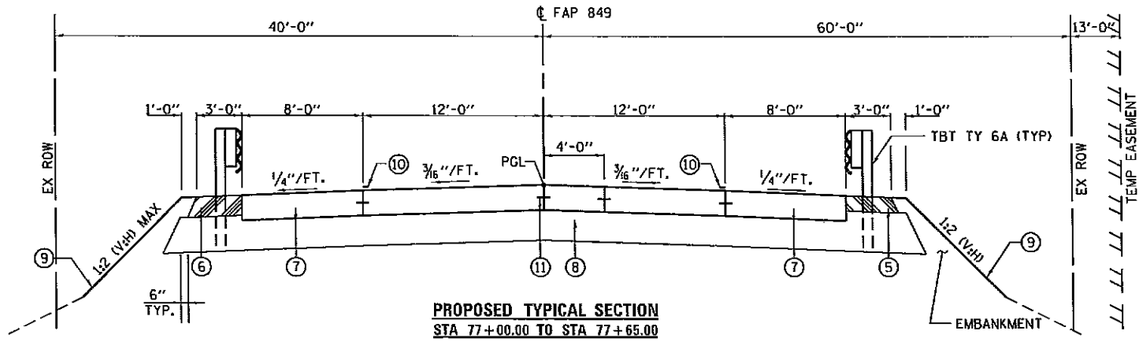
HMA SHOULDERS:
STA 75+90.00 TO STA 77+13.13 - LT
STA 77+51.87 TO STA 78+75.00 - LT

BASE COURSE WIDENING:
STA 75+52.87 TO STA 77+00.00 - RT
STA 77+65.00 TO STA 79+10.00 - RT

HMA SHOULDERS:
STA 75+52.87 TO STA 77+13.13 - RT
STA 77+51.87 TO STA 78+80.77 - RT



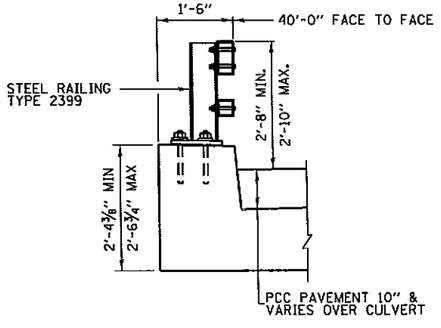
PROPOSED TYPICAL SECTION
STA 75+32.42 TO 75+90.00 – LT
STA 78+75.00 TO 79+28.71 – LT
STA 75+32.42 TO 75+52.87 – RT
STA 79+10.00 TO 79+28.71 – RT



PROPOSED TYPICAL SECTION
STA 77+00.00 TO STA 77+65.00
(SEE STRUCTURE PLANS FOR SECTION OVER CULVERTS)

LEGEND

1. GUARDRAIL REMOVAL
2. BASE COURSE WIDENING 10" - FOR TRAFFIC STAGING. TO REMAIN IN PLACE AS PAVED SHOULDER AFTER CONTRUCTION. SEE STAGING PLANS FOR LIMITS.
3. HMA SURFACE COURSE, MIX D, N90 (168 LBS/SQ YD), 1½"
4. LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90 (112 LBS/SQ YD), 1"
5. HMA SHOULDERS, 6" - SEE PLAN SHEETS FOR LIMITS
6. HMA SHOULDERS, 8" - SEE PLAN SHEETS FOR LIMITS
7. PCC PAVEMENT 10" - THICKNESS VARIES OVER CULVERT
8. 12" OF CA6 OR CA10 - NONE OVER CULVERT. QUANTITY INCLUDED IN GRANULAR BACKFILL FOR STRUCTURES.
9. SEEDING, CLASS 2A WITH MULCH, METHOD 2
10. PAINT PAVEMENT MARKING - LINE 4"
11. LONGITUDINAL CONSTRUCTION JOINT TIE BAR - #6 AT 24" CTS GROUTED IN PLACE (SEE HIGHWAY STANDARD 420001)



SHOULDER DETAIL ACROSS CULVERT
STA 77+13.13 TO 77+51.87 LT & RT

FILE NAME = D978218-sht-typical.dgn
MODEL = Default
PLOT DRIVER = IDOT.pltcfg

QUIGG ENGINEERING INC

USER NAME = tmilker	DESIGNED - CMM	REVISED -	
FILE NAME = D978218-sht-typical.dgn	DRAWN - CMM	REVISED -	
PLOT SCALE = 48.0000 ' / in.	CHECKED - MCV	REVISED -	
PLOT DATE = 5/30/2014	DATE - 4/25/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S. | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-1	JEFFERSON	36	8
		CONTRACT NO. 78210		
		ILLINOIS FED. AID PROJECT		