EXISTING LEGEND

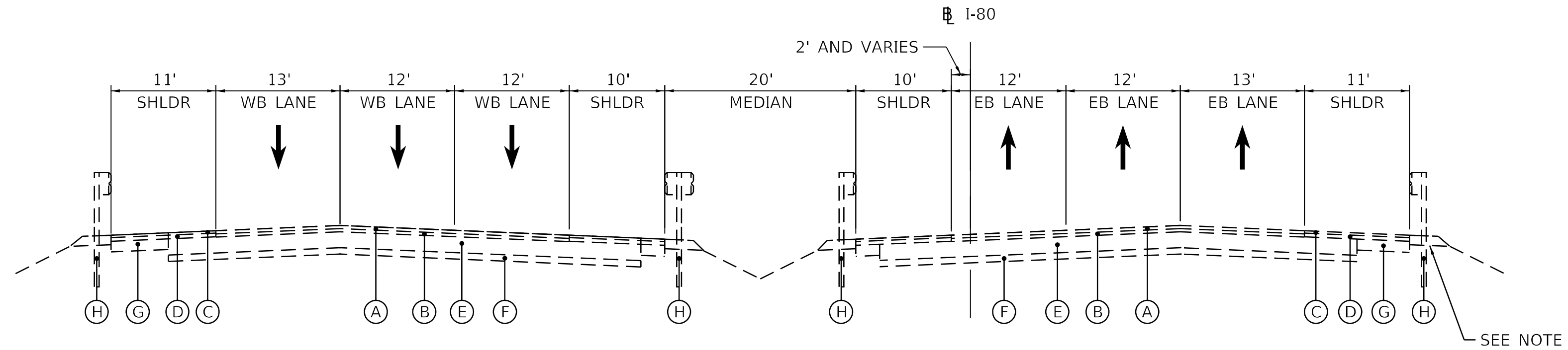
- (A) EXISTING HMA SURFACE COURSE, 2"
- (B) EXISTING HMA BINDER COURSE, 2"
- (C) EXISTING HMA SURFACE COURSE, 1.5"
- (D) EXISTING HMA BINDER COURSE, 2.25"
- (E) EXISTING C.R.C. PAVEMENT, 10"
- (F) EXISTING SUB-BASE, 4"
- (G) EXISTING STAB. SHOULDER, 14"
- (H) EXISTING GUARDRAIL

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- (3) HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL
- (4) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (5) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (6) STEEL PLATE BEAM GUARDRAIL, TYPE D, 6 FOOT POSTS

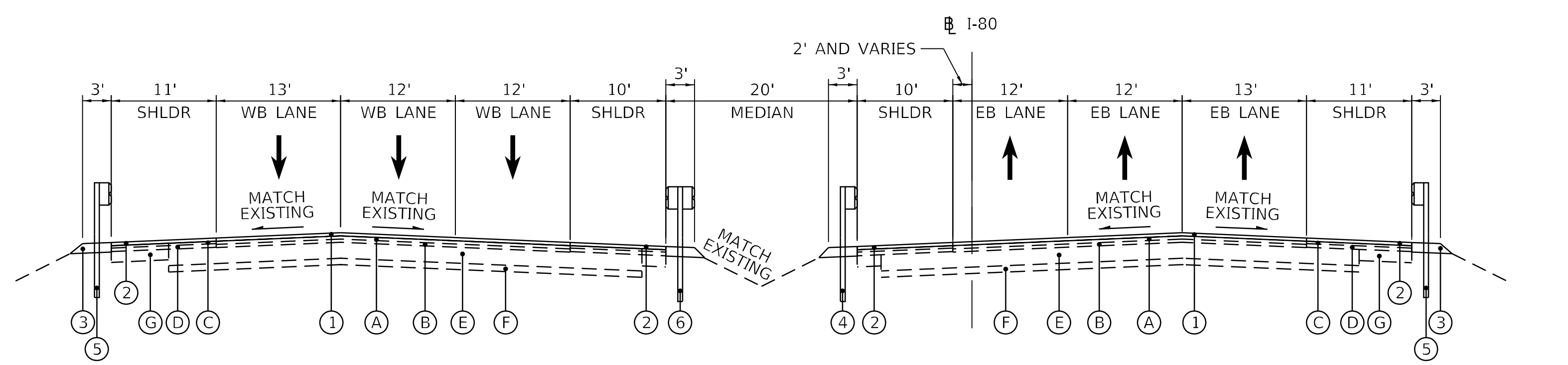
NOTES

1. EXISTING HMA STABILIZATION AT GUARDRAIL TO BE SAWCUT AT THE EDGE OF PAVED SHOULDER AND FULLY REMOVED WITHIN LIMITS OF GUARDRAIL REPLACEMENT.



EXISTING I–80 TYPICAL SECTION

LOOKING EASTBOUND
STA 222+32.30 TO STA 409+63.65



PROPOSED I–80 TYPICAL SECTION

LOOKING EASTBOUND
*PAVEMENT RESURFACING TO BE PERFORMED AT THE FOLLOWING STATION RANGES:
(BRIDGE OMISSIONS INCLUDED)
EB STA 255+97.06 TO STA 261+34.22
WB STA 256+38.49 TO STA 261+80.44
EB STA 266+67.45 TO STA 273+35.50
WB STA 265+36.23 TO STA 272+07.92
EB & WB STA 374+43.24 TO STA 379+05.52

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ NDES	QMP
PAVEMENT OVERLAY - I-80		
POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 2"	3.5% @ 80 GYR.	QC/QA
SHOULDER RUMBLE STRIP REMOVAL - I-80		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"	4% @ 70 GYR.	QC/QA
SHOULDER OVERLAY - I-80		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"	4% @ 70 GYR.	QC/QA
CLASS D PATCHES - I-80		
CLASS D PATCH (HOT-MIX ASPHALT BINDER, IL-19.0, 6")	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"	4% @ 70 GYR.	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

(2)

NOTES FOR HMA MIXTURE REQUIREMENTS:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
3. FOR THE EXISTING HMA SURFACE, THE CONTRACTOR SHALL DO PAVEMENT PATCHING FIRST, THEN PAVEMENT MILLING PER BD-22 DETAIL.

(2) REVISED SHEET 11/2/2023

HDR ENGINEERING, INC. 9450 W. BRYN MAWR AVE. ROSEMONT, IL 60018	USER NAME = RAZEVEDO	DESIGNED - NSA	REVISED - (1) 10/31/2023	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS I–80	F.A.I. RTE. 80	SECTION 2021-059-RS&BJR
		DRAWN - NSA	REVISED -			COUNTY COOK	TOTAL SHEETS 185 / SHEET NO. 12
	PLOT SCALE = 2.0000 ' / in.	CHECKED - DJP	REVISED -			CONTRACT NO. 62N96	
	PLOT DATE = 10/30/2023	DATE - 08/25/2023	REVISED -		SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: Default