

EXISTING LEGEND

- (A) EXISTING HMA SURFACE AND BINDER 6.0" +/- TOTAL
- (B) EXISTING AGGREGATE BASE COURSE 12" +/-
- (C) EXISTING AGGREGATE SHOULDER
- (D) HMA SURFACE REMOVAL 2.25"

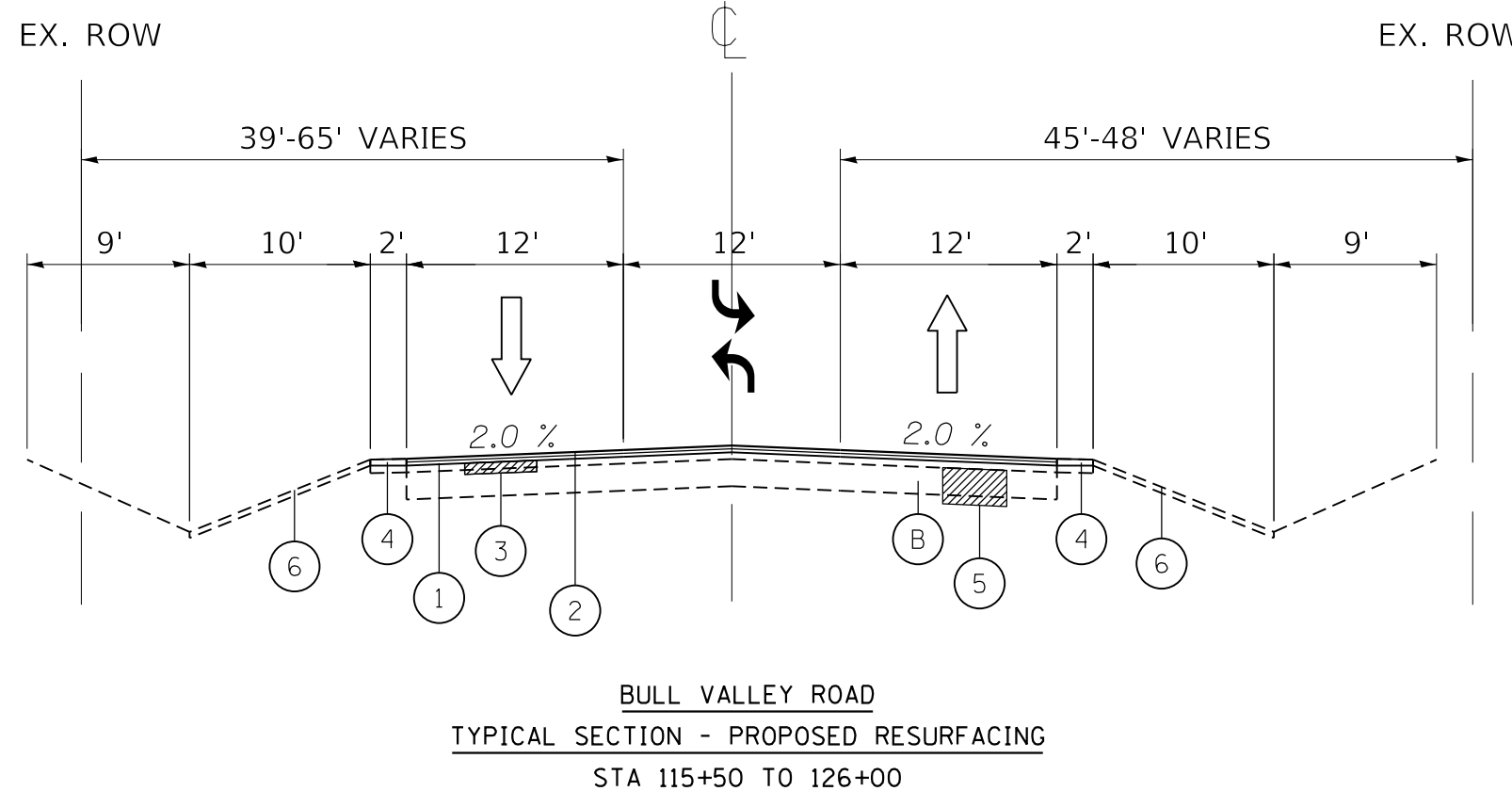
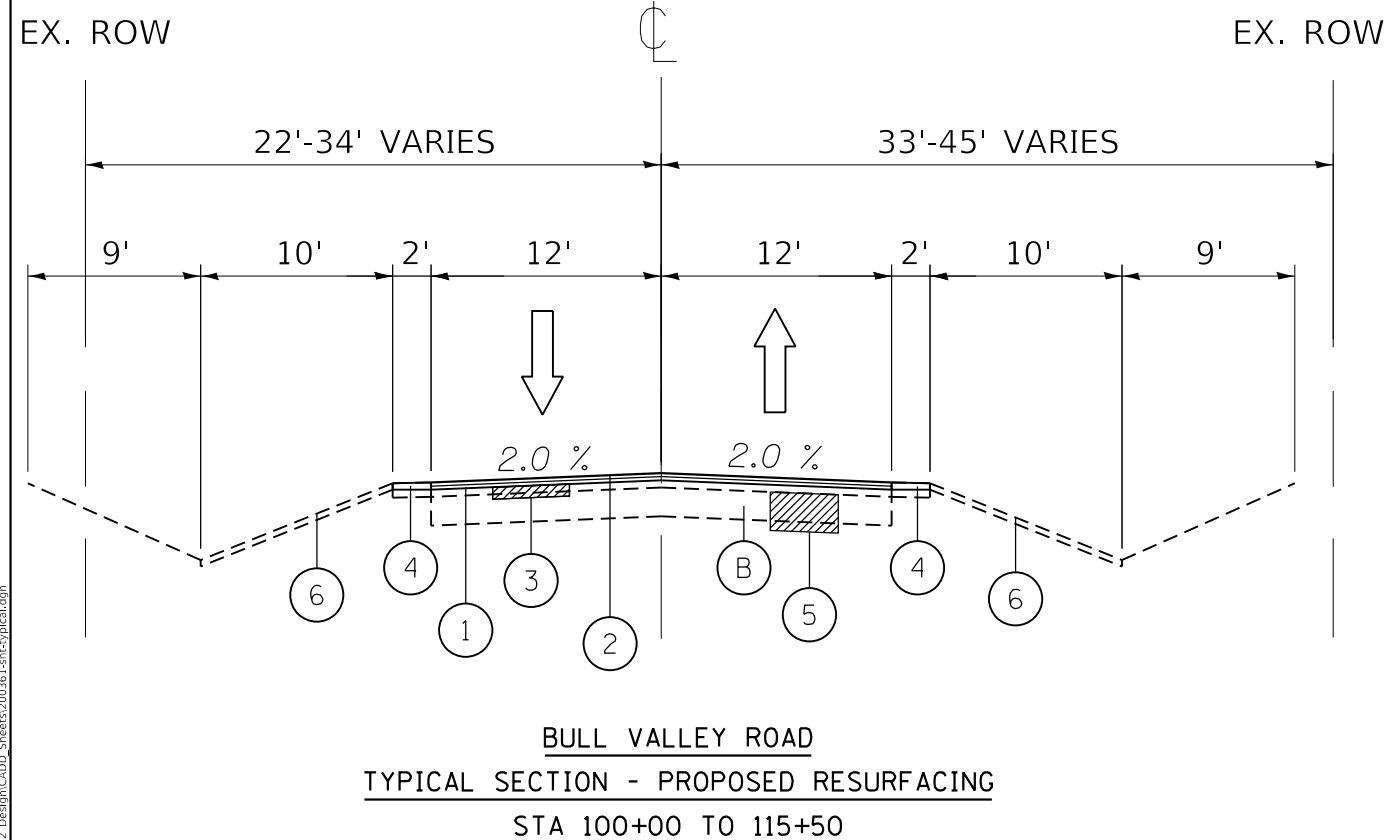
PROPOSED LEGEND

- (1) POLYMERIZED HMA BINDER COURSE, IL-4.75 N50 - 0.75"
- (2) HMA SURFACE COURSE IL 9.5, MIX "D", N70 - 1.5"
- (3) CLASS D PATCHES - 4" (MIN. WIDTH 4')
- (4) AGGREGATE WEDGE SHOULDERS, TYPE B - 2"
- (5) AGGREGATE BASE REPAIR - 18"
- (6) SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
MIXTURE TYPE	AIR VOIDS @ N _{design}	
PATCHING		
CLASS D PATCHES, (HMA BINDER IL-19mm)	4% @ 70 Gyr.	LR 1030-2
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	4% @ 70 Gyr.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 Gyr.	LR 1030-2
QMP Designations: Quality Control/Quality Assurance (QC/QA); PER LR 1030-2		

NOTE 1==> THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

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



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BULL VALLEY ROAD
TYPICAL SECTIONS

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 100+00 TO STA. 111+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	21-00091-00-R5	MCHENRY	24	6
CONTRACT NO. 61J96				
ILLINOIS FED. AID PROJECT				

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USER NAME = ajungermann	DESIGNED - CNC	REVISED - 12/14/2023
PLOT SCALE = 20.0000' / in.	DRAWN - CNC	REVISOR -
PLOT DATE = 12/14/2023	CHECKED - AAJ	REVISOR -
	DATE - 04/29/2021	REVISOR -