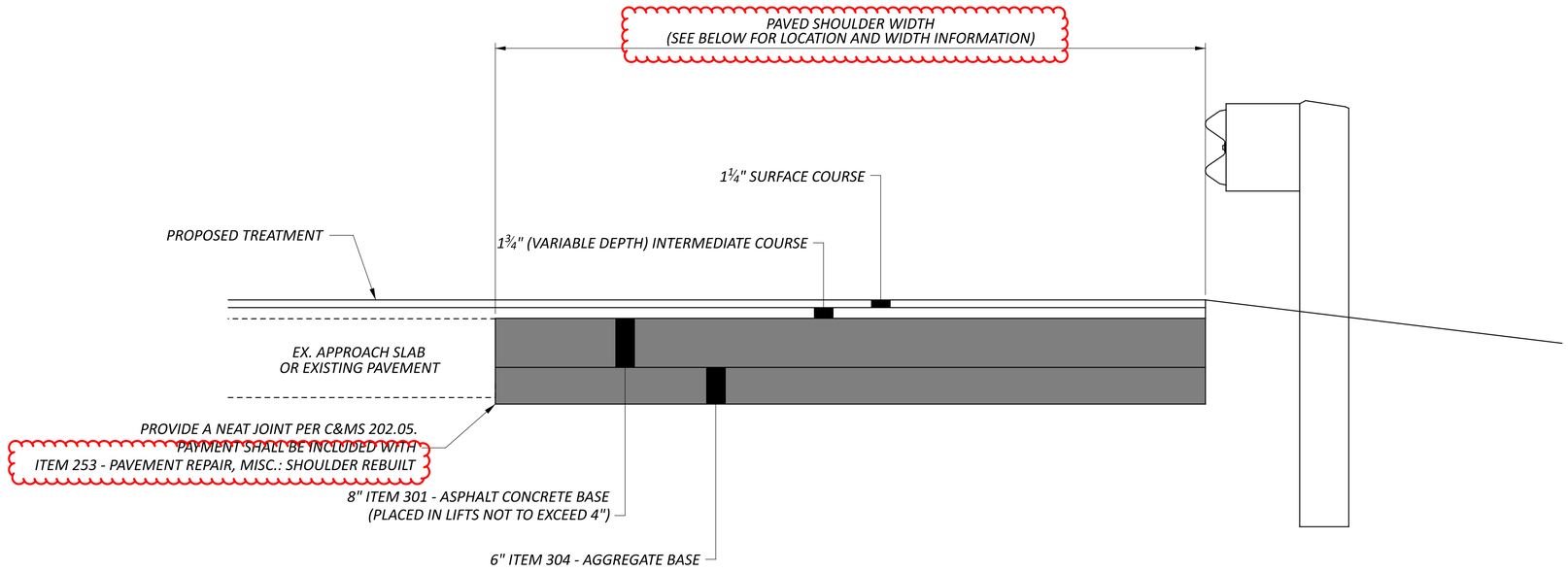
SHEET NUMBER													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE
P.05	P.06			P.10	P.26	P.27	P.28	P.29	P.31				01/STR		EXT	TOTAL			SHEET NO.
																		ROADWAY	
LS													LS	201	11001	LS		CLEARING AND GRUBBING, AS PER PLAN	P.05
								3,200					3,200	202	23500	3,200	SY	WEARING COURSE REMOVED	
					8,525								8,525	202	38000	8,525	FT	GUARDRAIL REMOVED	
					119								119	203	20001	119	CY	EMBANKMENT, AS PER PLAN	P.06
	1,333												1,333	204	13000	1,333	CY	EXCAVATION OF SUBGRADE	
	2,000												2,000	204	50000	2,000	SY	GEOTEXTILE FABRIC	
							10.2						10.2	209	60500	10.2	MILE	LINEAR GRADING	
							10.2						10.2	209	72051	10.2	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN	P.05
					200								200	606	13000	200	FT	GUARDRAIL, TYPE 5	
					5,881.25								5,881.25	606	15050	5,881.25	FT	GUARDRAIL, TYPE MGS	
					175								175	606	15200	175	FT	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS	
					3								3	606	25550	3	EACH	ANCHOR ASSEMBLY, MGS TYPE A	
					34								34	606	26150	34	EACH	ANCHOR ASSEMBLY, MGS TYPE E	
					13								13	606	26050	13	EACH	ANCHOR ASSEMBLY, MGS TYPE B	
					8								8	606	26550	8	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
					8								8	606	35140	8	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4	
					337.5								337.5	606	98000	337.5	FT	GUARDRAIL, MISC.: RAIL PANEL REPLACEMENT	P.05
					2								2	625	32000	2	EACH	GROUND ROD	
																		EROSION CONTROL	
2													2	659	00100	2	EACH	SOIL ANALYSIS TEST	
18,000													18,000	659	10000	18,000	SY	SEEDING AND MULCHING	
900													900	659	14000	900	SY	REPAIR SEEDING AND MULCHING	
2.43													2.43	659	20000	2.43	TON	COMMERCIAL FERTILIZER	
3.72													3.72	659	31000	3.72	ACRE	LIME	
100													100	659	35000	100	MGAL	WATER	
													10,000	832	30000	10,000	EACH	EROSION CONTROL	
																		PAVEMENT	
									703				703	253	90100	703	SY	PAVEMENT REPAIR, MISC.: SHOULDER REBUILT	P.31
	1,333												1,333	304	20000	1,333	CY	AGGREGATE BASE	
				245		8,350	796						9,391	407	10000	9,391	GAL	TACK COAT	
							4,730						4,730	408	10001	4,730	GAL	PRIME COAT, AS PER PLAN	P.05
				100									100	411	10000	100	CY	STABILIZED CRUSHED AGGREGATE	
						2,544	359						2,903	441	10100	2,903	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M	
						7,565	755						8,320	441	10200	8,320	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)	
						67	12						79	441	70300	79	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	
								118					118	441	70501	118	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS), AS PER PLAN	P.06
							1,313						1,313	617	10101	1,313	CY	COMPACTED AGGREGATE, AS PER PLAN	P.05
						71,933	7,232						79,165	827	10001	79,165	SY	PAVEMENT REMOVED, AS PER PLAN	P.05
						2,526	260						2,786	827	11000	2,786	TON	CEMENT	
						71,933	7,232						79,165	827	12000	79,165	SY	CURING COAT	
						71,933	7,232						79,165	827	20000	79,165	SY	FULL DEPTH RECLAIMED BASE COURSE, 12" DEEP	
													LS	827	21000	LS		MIXTURE DESIGN FOR FULL DEPTH RECLAIMED BASE	
						359	42						401	827	22000	401	TON	CORRECTIVE MATERIAL	
						539	59						598	827	23000	598	TON	COVER AGGREGATE	
													LS	827	30000	LS		JUST-IN-TIME TRAINING	

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER	DAB
REVIEWER	BSH 02/20/25
PROJECT ID	105259
SHEET	P.12
TOTAL	38

CAR-39-23.34



PAVEMENT REPAIR TYPICAL SECTION B-B

ITEM 253 - PAVEMENT REPAIR, MISC.: SHOULDER REBUILT

THIS ITEM SHALL MEET THE REQUIREMENTS OF ITEM 253 - PAVEMENT REPAIR AND THE ABOVE TYPICAL SECTION.

IN ADDITION, THIS WORK SHALL ALSO INCLUDE ANY AND ALL EXCAVATION AND EMBANKMENT REQUIRED FOR PROVIDING AND MAINTAINING THE PROPOSED SHOULDER ACCORDING TO ITEM 203.

THE LOCATION AND DIMENSIONS FOR THIS REPAIR IS DETAILED ON SHEET P.33 AND P.36. THE ESTIMATED QUANTITIES ARE TO BE CONSIDERED APPROXIMATE. A FINAL FIELD REVIEW WILL BE PERFORMED BY ODOT PRIOR TO CONSTRUCTION AND FINAL LIMITS WILL BE GIVEN TO THE CONTRACTOR PRIOR TO CONSTRUCTION.

ALL PAVEMENT REPAIRS ARE TO BE COMPLETED PRIOR TO THE PAVING OPERATIONS.

THE ESTIMATED QUANTITIES FROM THIS SHEET HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. THE ENGINEER WILL DETERMINE THE SIZE AND LOCATION OF EACH PAVEMENT REPAIR. FINAL PAYMENT FOR THESE ITEMS SHALL BE FOR THE ACCEPTED QUANTITY COMPLETED IN PLACE.

ESTIMATED QUANTITIES

BR. NO. CAR-39-27.300

NORTHWEST:
0.0' AT STA. 217+85 TO 8.8' AT STA. 219+87
202' x 4.4' AVG. WIDTH / 9 = 98.8 SQ. YD.

SOUTHWEST:
0.0' AT STA. 217+85 TO 7.4' AT STA. 220+25
240' x 3.7' AVG. WIDTH / 9 = 98.7 SQ. YD.

NORTHEAST:
8.4' AT STA. 221+08 TO 0.0' AT STA. 223+40
232' x X.X' AVG. WIDTH / 9 = 108.3 SQ. YD.

SOUTHEAST:
6.8' AT STA. 221+47 TO 0.0' AT STA 223+40
193' x 3.4' AVG. WIDTH / 9 = 72.9 SQ. YD.

SUBTOTAL (BR. NO. CAR-39-27.300) = 379 SQ. YD.

BR. NO. CAR-39-28.000

NORTHWEST:
0.0' AT STA. 254+75 TO 8.3' AT STA. 256+88
213' x 4.2' AVG. WIDTH / 9 = 99.4 SQ. YD.

SOUTHWEST:
0.0' AT STA. 254+75 TO 6.2' AT STA. 256+88
213' x 3.1' AVG. WIDTH / 9 = 73.4 SQ. YD.

NORTHEAST:
7.8' AT STA. 258+15 TO 0.0' AT STA. 260+15
200' x 3.9' AVG. WIDTH / 9 = 86.7 SQ. YD.

SOUTHEAST:
5.7' AT STA. 258+15 TO 0.0' AT STA 260+15
200' x 2.9' AVG. WIDTH / 9 = 64.4 SQ. YD.

SUBTOTAL (BR. NO. CAR-39-28.000) = 324 SQ. YD.

TOTAL = 703 SQ. YD.

(TOTAL CARRIED TO THE GENERAL SUMMARY)

PAVEMENT REPAIR DETAIL

DESIGN AGENCY

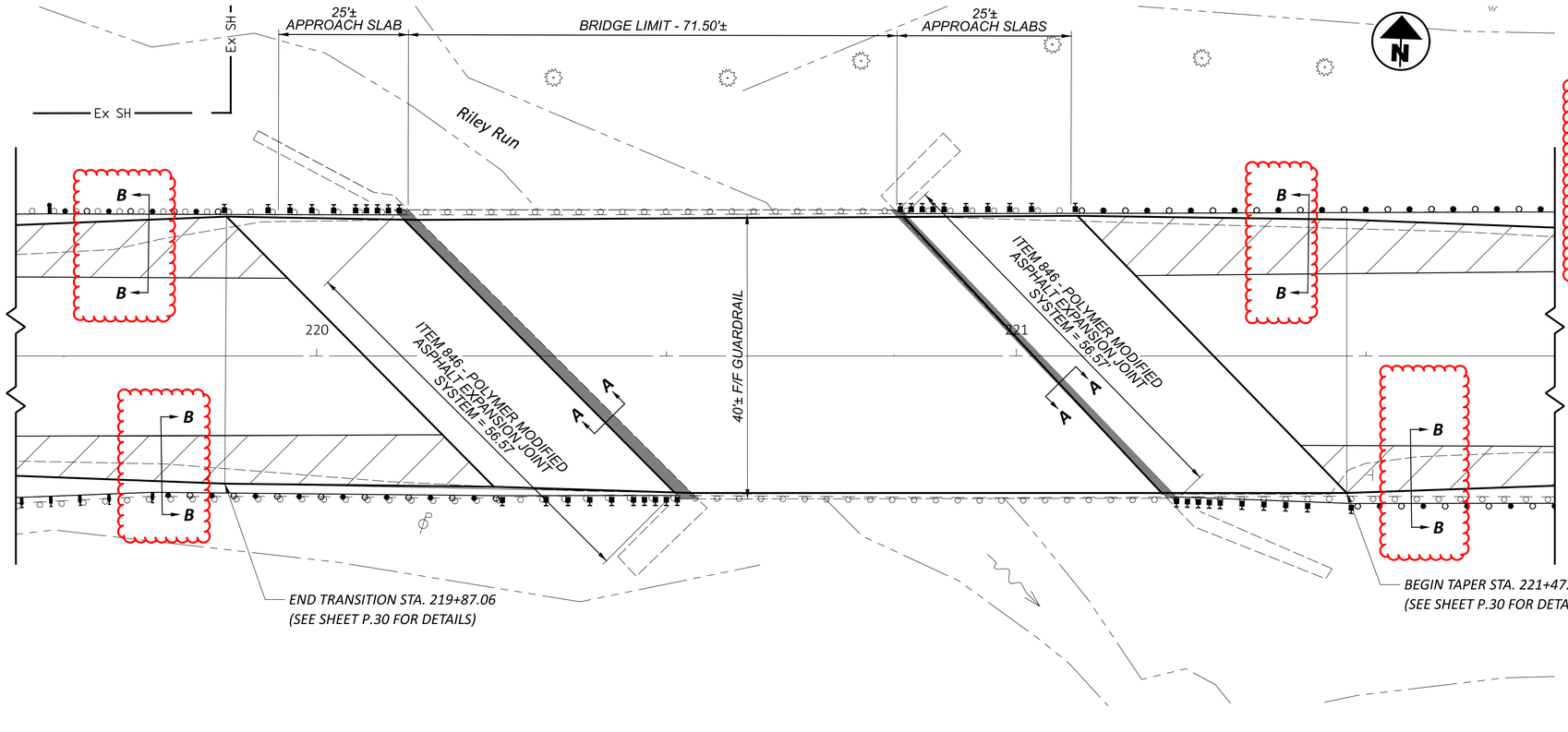
DESIGNER DAB

REVIEWER MVC 07/02/25

PROJECT ID 105259

SHEET P.31 TOTAL 38

CAR-39-23.34



LEGEND:

ITEM 253, PAVEMENT REPAIR, MISC.: SHOULDER REBUILT.
SEE SHEET P.31 FOR DETAILS

NOTES:

1. *FOR SECTION B-B, SEE SHEET P.31.*

EXISTING STRUCTURE

TYPE: *SINGLE SPAN COMPOSITE STEEL BEAM WITH REINFORCED CONCRETE DECK AND REINFORCED CONCRETE ABUTMENTS*

SPANS: *70'0" ± C/C BEARINGS*
ROADWAY: *40'-0"± F/F GUARDRAIL*
LOADING: *HS-20-44 CASE II AND ALTERNATE MILITARY LOADING*
SKEW: *45° R.F. ±*
WEARING SURFACE: *1" MONOLITHIC CONCRETE*
APPROACH SLABS: *25'-0" ± (AS-1-81)*
ALIGNMENT: *TANGENT*
CROWN: *3/16" ± FT.*
STRUCTURE FILE NUMBER: *1000640*
DATE BUILT: *1988*
DISPOSITION: *PROVIDE 3" OVERLAY AND PMEJS*
DECK AREA: *3040± SF*
COORDINATES: *LATITUDE: 40°37'32.89" N*
LONGITUDE: 80°52'54.57" W

PROPOSED WORK

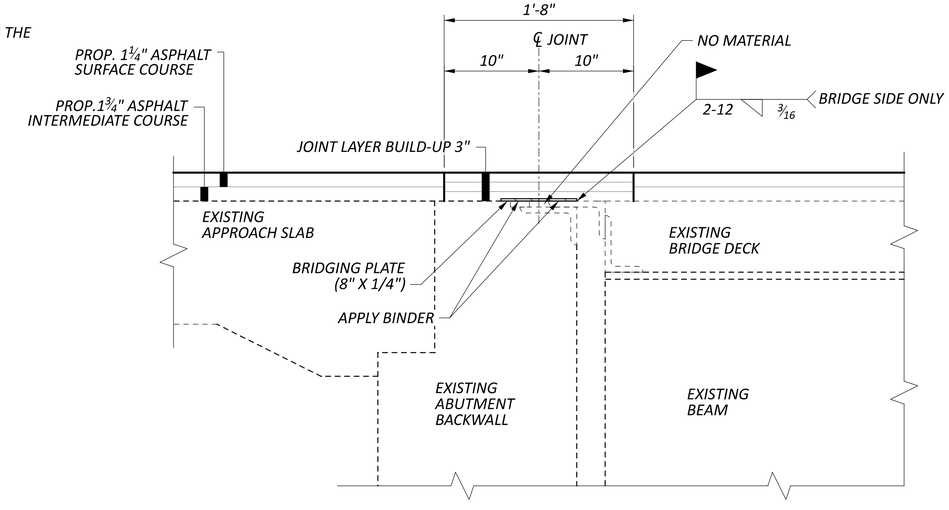
1. *OVERLAY APPROACH SLABS AND BRIDGE DECK WITH 1.75" INTERMEDIATE COURSE AND 1.25" SURFACE COURSE*
2. *INSTALL ITEM 846 - POLYMER MODIFIED ASPALT EXPANSION JOINT SYSTEM AS PER SUPPLMENTAL SPECIFICATION 846*

ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM

THE DEPARTMENT WILL MEASURE THE JOINT BY THE NUMBER OF CUBIC FEET AND WILL PAY FOR THE ACCEPTED QUANTITIES AT THE CONTRACT PRICE AS: ITEM 846, POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM, CUBIC FEET.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY

ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM ***47 C.F.***
LENGTH ACROSS JOINTS: 56.57' + 56.57' = 113.14'
113.14' X (20" / 12) X (3" / 12) = 47.14 C.F.



POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM DETAIL SECTION A-A

SITE PLAN
BRIDGE NO. CAR-39-27.300
OVER RILEY RUN

SFN 1000640
DESIGN AGENCY

DESIGNER	CHECKER
DAB	BSH

REVIEWER MVC 07/02/25
PROJECT ID 105259
SUBSET 1 TOTAL 3
SHEET P.33 TOTAL 38

CAR-39-23.34

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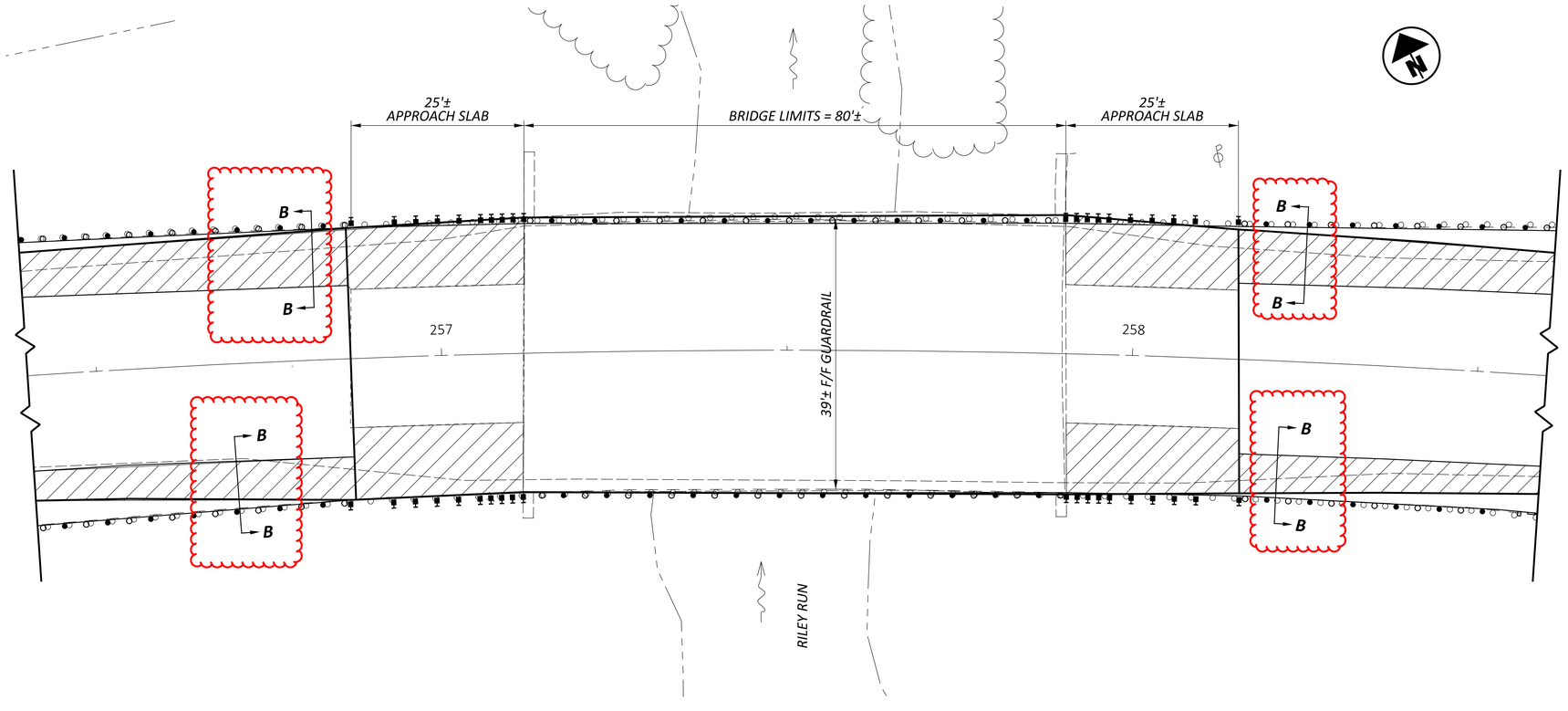

LEGEND:

ITEM 253, PAVEMENT REPAIR, MISC.: SHOULDER REBUILT. SEE SHEET P.31 FOR DETAILS

NOTES:

1. *FOR SECTION B-B, SEE SHEET P.31.*

EXISTING STRUCTURE

TYPE: *CONTINUOUS REINFORCED CONCRETE SLAB WITH CAPPED PILE ABUTMENTS AND CONCRETE PIERS.*

SPANS: *24-30-24 C/C BEARINGS*
ROADWAY: *40'-0" F/F GUARDRAIL*
LOADING: *HL93*
SKEW: *0°*
WEARING SURFACE: *1.2" CONCRETE OVERLAY*
APPROACH SLABS: *25'-0"± (AS-1-54)*
ALIGNMENT: *3°-30'*
CROWN: *SUPERELEVATED 0.058 FT/FT*
STRUCTURE FILE NUMBER: *100691*
DATE BUILT: *1959*
DISPOSITION: *PROPOSED OVERLAY AND PMEJS*

PROPOSED STRUCTURE

1. *OVERLAY APPROACH SLABS AND BRIDGE DECK WITH PROPOSED 1¼" SURFACE TREATMENT.*
2. *RAIL PANEL REPLACEMENT*

SITE PLAN
BRIDGE NO. CAR-39-28.000
OVER RILEY RUN

SFN 1000691
DESIGN AGENCY
DESIGNER DAB | CHECKER BSH
REVIEWER MVC 07/02/25
PROJECT ID 105259
SUBSET 1 | TOTAL 3
SHEET P.36 | TOTAL 38

CAR-39-23.34

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 11\Carroll\105259\400-Engineering\Roadway\Sheets\105259_SP100.dgn