

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
D05-SP-FY2023
DISTRICT WIDE SPOT PAVING
FAIRFIELD, GUERNSEY, KNOX
AND MUSKINGUM COUNTIES

FEDERAL PROJECT NUMBER

NON-FEDERAL

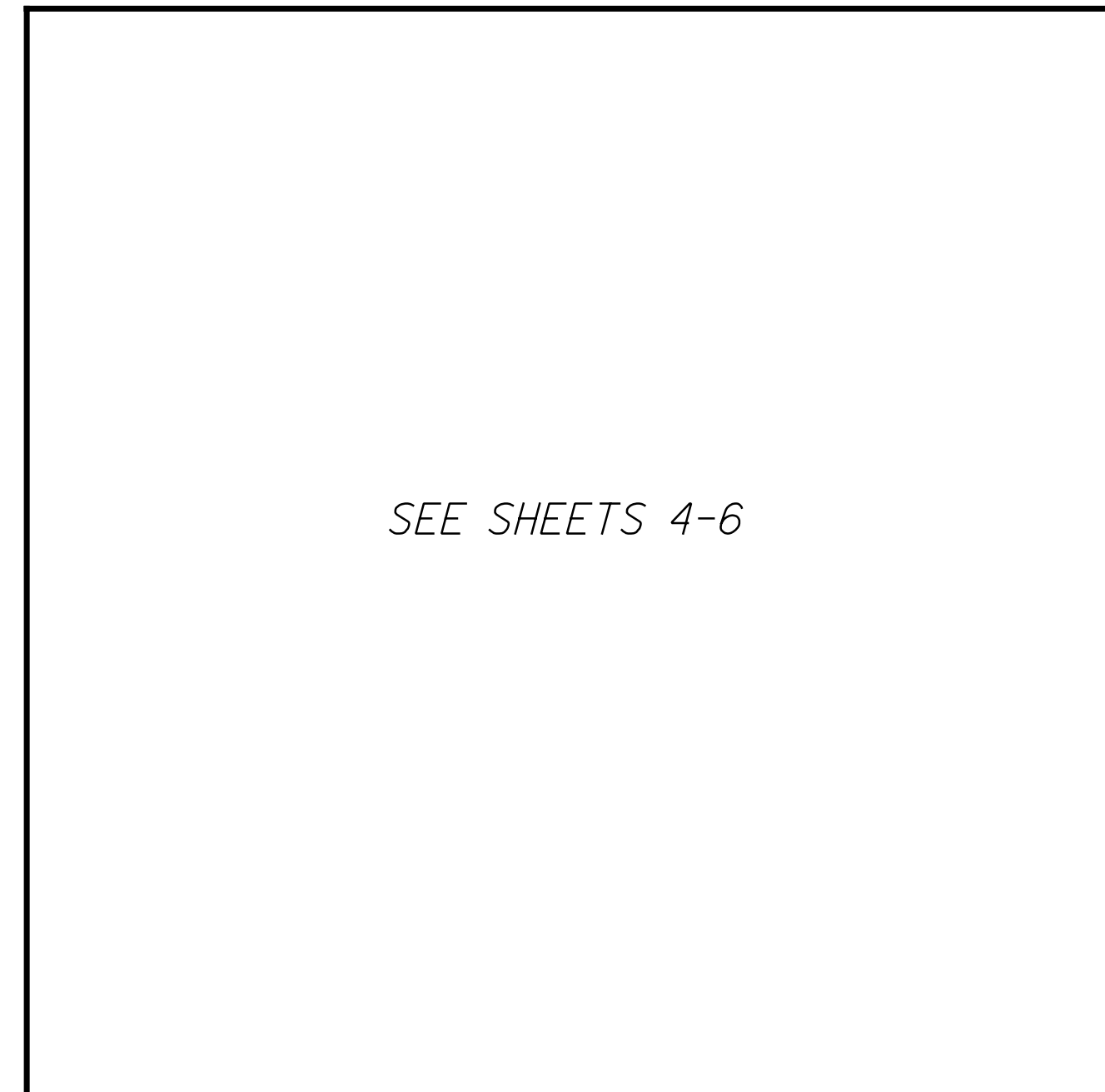
RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

DISTRICT WIDE SPOT PAVING PROJECT, FULL DEPTH REPAIRS AT VARIOUS LOCATIONS IN FAIRFIELD, GUERNSEY, KNOX AND MUSKINGUM COUNTIES.

PROJECT EARTH DISTURBED AREA = N/A (MAINTENANCE)
ESTIMATED CONTRACTOR EARTH DISTURBED AREA = N/A
NOTICE OF INTENT EARTH DISTURBED AREA = NOI NOT REQUIRED



LOCATION MAP

LATITUDE: 39° 57' 06" LONGITUDE: 82° 24' 41"

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L O C A T I O N	P L A N S P L I T	C O U N T Y	R O U T E	B E G I N S L M	E N D S L M	L E N G T H M I L E S	C I T Y/ V I L L A G E
1	1	FAI	158	9.00	15.83	6.83	BALTIMORE
2	1	FAI	22	0.00	2.00	2.00	
3	1	KNO	62	8.31	18.48	10.17	DANVILLE
4	1	MUS	284	0.00	13.36	13.36	
5A	1	GUE	313	2.24	4.25	2.01	
5B	1	GUE	313	9.51	14.88	5.37	
5C	1	GUE	313	15.55	20.99	5.44	

TITLE SHEET

DESIGN DESIGNATION	LOC. 1	LOC. 2	LOC. 3	LOC. 4	LOC. 5
FUNCTIONAL CLASSIFICATION	RMAC	RMA	RMAC	RMIC	RMAC
OPENING YEAR ADT (2021)	7,400	3,700	4,400	400	6,400
DESIGN YEAR ADT (2033)	8,100	4,00	4,600	400	7,000
DESIGN HOURLY VOLUME (2033)	950	400	400	50	700
DIRECTIONAL DISTRIBUTION	51%	58%	55%	70%	58%
TRUCKS (24 HOUR B&C)	4%	14%	12%	4%	7%
DESIGN SPEED (MPH)	55	55	55	55	55
LEGAL SPEED (MPH)	55	55	55	55	55

RMA = RURAL MINOR ARTERIAL RMAC = RURAL MAJOR COLLECTOR
RMIC = RURAL MINOR COLLECTOR

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVER

NONE REQUIRED



PLAN PREPARED BY:
OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT 5 PLANNING & ENGINEERING

ENGINEER'S SEAL	STANDARD CONSTRUCTION DRAWINGS	SUPPLEMENTAL SPECIFICATIONS
<p>SIGNED: <i>Jason Scott Lutz</i> DATE: 3/14/2022</p>	MT-97.10 4/19/19	800 4/22/22
	MT-97.11 1/20/17	821 4/20/12
	MT-99.20 4/19/19	832 10/19/18
	MT-101.90 7/17/20	921 4/20/12
	MT-105.10 1/17/20	
		SPECIAL PROVISIONS

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED _____

DATE _____ DISTRICT DEPUTY DIRECTOR

APPROVED _____

DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

DESIGN AGENCY	
DESIGNER	LME
REVIEWER	JSL
PROJECT ID	02-17-22
	104989
SHEET	TOTAL
1	10

D05-SP-FY2023

MODEL: Sheet PAPER: 34x22 (in.) DATE: 4/29/2022 TIME: 2:12:03 PM USER: jllutz1 pvc:\ohio\dot-pw-bentley.com\ohio\dot-pw-02\Documents\01 Active Projects\District 05_D05104989\00-Engineering\Roadway\Sheets\104989_GT001.dgn

UTILITIES

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

PAVEMENT REPAIR LOCATIONS

THE PAVEMENT REPAIR LOCATIONS IN THESE PLANS WERE SUBMITTED BY THE COUNTIES. ANY QUESTIONS ON THE LIMITS OF THE REPAIRS SHALL BE DIRECTED TO THE COUNTY MANAGERS BELOW:

FAIRFIELD COUNTY

DOUG RIFFLE
DOUGLAS.RIFFLE@DOT.OHIO.GOV
740-323-5321

GUERNSEY COUNTY

REBECCA STARLIN
REBECCA.STARLIN@DOT.OHIO.GOV
740-323-5331

KNOX COUNTY

RODNEY CRAFT
RODNEY.CRAFT@DOT.OHIO.GOV
740-323-5341

MUSKINGUM COUNTY

PHIL VALENTINE
PHIL.VALENTINE@DOT.OHIO.GOV
740-452-1421

ITEM 253, PAVEMENT REPAIR

PAVEMENT REPAIR LOCATIONS AND QUANTITIES HAVE BEEN INCLUDED IN THE PLAN TO BE USED, AS DIRECTED BY THE ENGINEER. **THE INTENT OF THIS OPERATION IS TO REPAIR THOSE AREAS OF PAVEMENT WHICH HAVE COMPLETELY FAILED (PUMPING OF SUB-BASE MATERIAL) AND NOT TO CORRECT SURFACE IRREGULARITIES.**

DEPTH OF EXCAVATION SHALL BE 7.25". THE MINIMUM WIDTH SHALL BE 4' IN ORDER TO PROVIDE ENOUGH ROOM FOR PROPER COMPACTION EQUIPMENT. AFTER EXCAVATION HAS BEEN COMPLETED, THE FACE OF THE REPAIR SHALL BE COATED WITH ITEM 407, NON-TRACKING TACK COAT. REPLACEMENT MATERIAL WILL BE 6" OF ITEM 301, ASPHALT CONCRETE BASE, PG64-22 FOLLOWED BY 1.25" OF ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG70-22M. **SURFACE COURSE SHALL BE PLACED ON ALL REPAIR AREAS THE SAME DAY UNLESS DIRECTED OTHERWISE BY THE ENGINEER.**

THE PERIMETER OF ALL REPAIR AREAS SHALL BE SEALED IN ACCORDANCE WITH CMS 253.03.

AFTER COMPLETING REPAIRS, RESTORE THE EXISTING SHOULDERS TO THE CONDITION THAT EXISTED PRIOR TO THE REPAIR WORK.

REPAIR QUANTITIES MAY BE USED ON THE **MAINLINE PAVEMENT OR ON PAVED SHOULDERS**. ALL EXCAVATION, MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS NEEDED TO COMPLETE THE WORK DESCRIBED ABOVE SHALL BE PAID FOR UNDER ITEM 253, PAVEMENT REPAIR.

COOPERATION BETWEEN CONTRACTORS

THE STATE OF OHIO HAS CONTRACTED PROJECTS **D05-PM-FY2022(A) PID 102499, D05-PM-FY2022(B) PID 102502, D05-RPM-FY2022 PID 102498** WHICH MAY BE CONSTRUCTED CURRENTLY WITH THIS PROJECT. IT IS IMPERATIVE THAT THE CONTRACTORS COOPERATE FULLY WITH EACH OTHER AS OUTLINED IN SECTION 105.08 OF THE CMS MANUAL. ALL MAINTENANCE OF TRAFFIC SHALL BE COORDINATED BETWEEN PROJECTS AND NOT CONFLICT WITH ONE ANOTHER.

ITEM 642, EDGE LINE, 6", TYPE 1

THE QUANTITIES SHOWN IN THE PLANS SHALL BE USED TO REPLACE EDGE LINE PAVEMENT MARKING ON ALL PAVEMENT REPAIR LOCATIONS THAT OBLITERATE OR NEGATIVELY AFFECT THE CONDITION OF THE EXISTING EDGE LINE. EDGE LINES SHALL BE PLACED AFTER THE SURFACE COURSE AND ALL PERIMETER SEALING IS COMPLETE, AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

D05-SPOT-FY2023

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DESIGN AGENCY

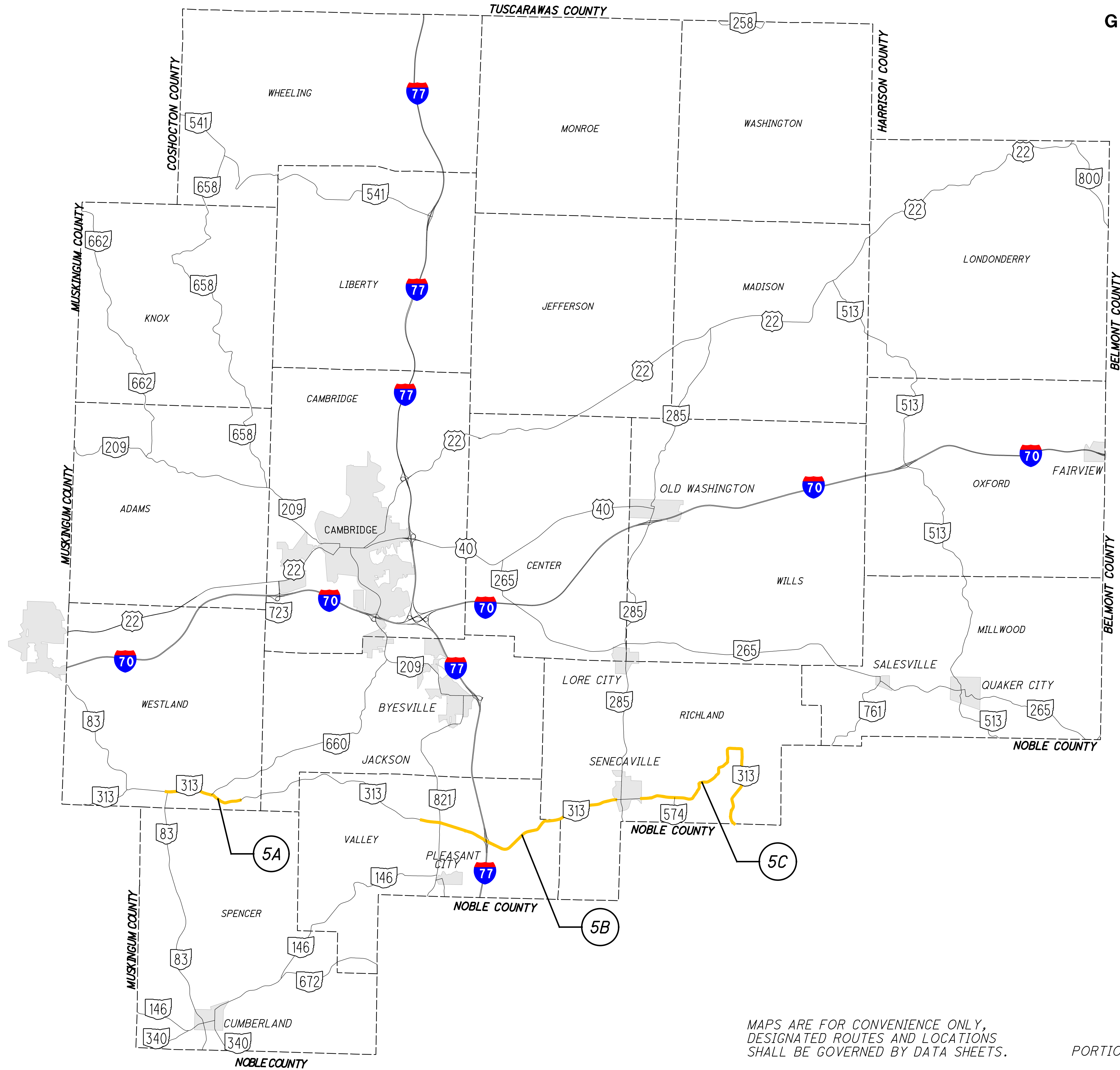


DESIGNER
LME

REVIEWER
JSL 02-17-22

PROJECT ID
104989

SHEET TOTAL
2 10



MAPS ARE FOR CONVENIENCE ONLY,
DESIGNATED ROUTES AND LOCATIONS
SHALL BE GOVERNED BY DATA SHEETS.

PORTION TO BE IMPROVED -----

GUERNSEY COUNTY

GUERNSEY COUNTY MAP

DESIGN AGENCY



DESIGNER

LME

REVIEWER

JSL 04-29-22

PROJECT ID

104989

SHEET

6A

TOTAL

10

PAVEMENT REPAIR DATA												
LOCATION	COUNTY	ROUTE	DIRECTION	BEGIN LOG POINT	END LOG POINT	ESTIMATED REPAIR LENGTH	PROPOSED REPAIR WIDTH (4' MIN.)	REPAIR AREA	253		642	COMMENTS
				SLM	FEET	FEET	SQ. YD.	INCHES	CU. YD.	MILE		
5A	GUE	S.R. 313	E.B.	2.82	2.84	123	4	54.7	7.25	11.0	0.02	
				3.23	3.25	110	4	48.9	7.25	9.8	0.02	
			W.B.	3.40	3.42	86	4	38.2	7.25	7.7	0.02	
				3.76	3.79	162	4	72.0	7.25	14.5	0.03	
				3.85	3.88	150	4	66.7	7.25	13.4	0.03	
				4.07	4.11	204	4	90.7	7.25	18.3	0.04	
5B	GUE	S.R. 313	W.B.	9.95	9.95	18	4	8.0	7.25	1.6	0.00	
				9.98	9.98	22	4	9.8	7.25	2.0	0.00	
				10.07	10.08	69	4	30.7	7.25	6.2	0.01	
				10.66	10.70	194	4	86.2	7.25	17.4	0.04	
				10.83	10.89	294	4	130.7	7.25	26.3	0.06	
				10.92	10.95	143	4	63.6	7.25	12.8	0.03	
				11.07	11.07	19	4	8.4	7.25	1.7	0.00	
				11.72	11.75	134	4	59.6	7.25	12.0	0.03	
				12.04	12.07	174	4	77.3	7.25	15.6	0.03	
				12.27	12.29	127	4	56.4	7.25	11.4	0.02	
				12.50	12.51	40	4	17.8	7.25	3.6	0.01	
				14.77	14.82	290	4	128.9	7.25	26.0	0.05	
5C	GUE	S.R. 313	W.B.	17.30	17.31	44	4	19.6	7.25	3.9	0.01	
				18.70	18.71	77	4	34.2	7.25	6.9	0.01	
				20.20	20.21	59	4	26.2	7.25	5.3	0.01	
				20.55	20.56	39	4	17.3	7.25	3.5	0.01	
				20.70	20.71	39	4	17.3	7.25	3.5	0.01	
				20.90	20.91	29	4	12.9	7.25	2.6	0.01	
CONTINGENCY (15%)										35.6	0.08	
LOCATION 5 TOTALS (CARRIED TO GENERAL SUMMARY)									272.6	0.58		

SHEET TOTALS					PLAN SPLIT	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
3	7	8	9	9A	01/NFP/PV						
										PAVEMENT	
	46	716	1,611	273	2,646	253	02000	2,646	CY	PAVEMENT REPAIR	
										TRAFFIC CONTROL	
	0.07	1.31	3.46	0.58	5.42	642	00104	5.42	MILE	EDGE LINE, 6", TYPE 1	
										MAINTENANCE OF TRAFFIC	
16						614	11110	16	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
										INCIDENTALS	
						LS 614	11000		LS	MAINTAINING TRAFFIC	
						LS 623	10000		LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING	
						LS 624	10000		LS	MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

LME

REVIEWER

JSL 02-17-22

PROJECT ID

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SHEET TOTAL

10 10