SANDUSKY COUNTY, OHIO
SAN–GR FY2020
PID 107330

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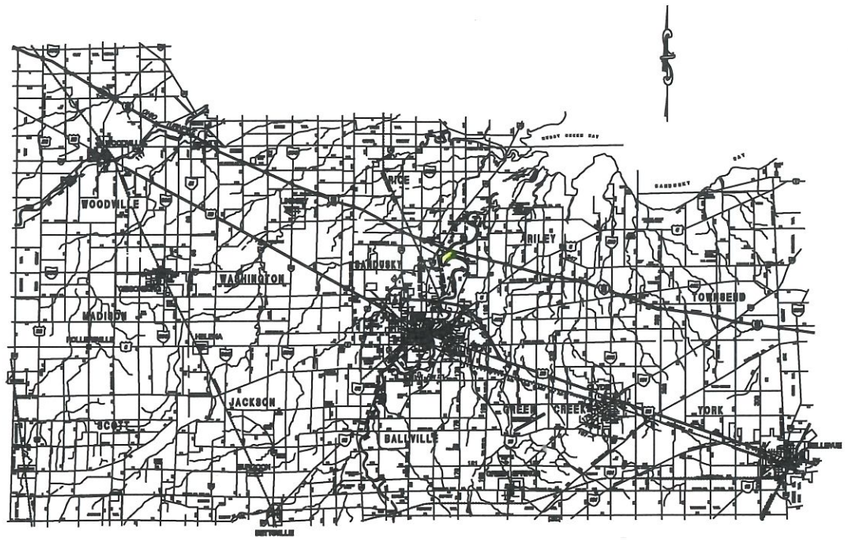
SUPPLEMENTAL SPECIFICATIONS

800 10/18/19
832 10/19/18



SANDUSKY
COUNTY MAP
N.T.S.

PROJECT SPECIFICATIONS

THE 2019 EDITION OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIALS SPECIFICATIONS SHALL GOVERN THE MAKING OF THIS IMPROVEMENT.

APPROVALS

WE HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT NECESSITATE THE CLOSING OF COUNTY AND TOWNSHIP ROADS TO THROUGH TRAFFIC DURING CONSTRUCTION.

ENGINEERS SEAL:

STATE OF OHIO
CARLOS A. BAEZ, SR.
E–70340
REGISTERED PROFESSIONAL ENGINEER

SIGNED: Carlos A. Baez
DATE: 1/17/2020

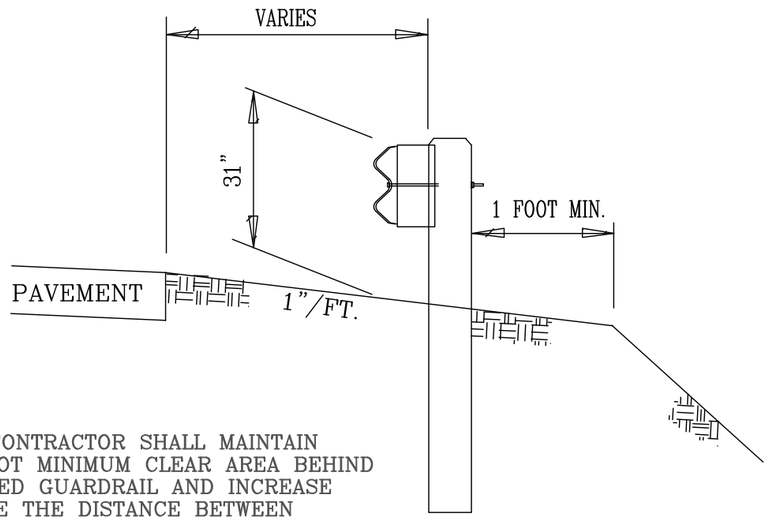
PLANS PREPARED BY:
SANDUSKY COUNTY ENGINEER'S OFFICE
2500 WEST STATE STREET FREMONT, OHIO 43420
(419) 334–9731

SUMMARY OF QUANTITIES

ITEM	QUAN.	UNIT	DESCRIPTION
103.05	LUMP	SUM	PREMIUM FOR CONTRACT PERFORMANCE BOND
202	3962.5	L.F.	GUARDRAIL REMOVED FOR STORAGE
202	8212.5	L.F.	GUARDRAIL REMOVED FOR REUSE
202	30	EACH	GUARDRAIL POST REMOVED
202	327	EACH	REMOVE ASSEMBLY
606	4250.0	L.F.	MGS, TYPE 5
606	8112.5	L.F.	GUARDRAIL REBUILT
606	3112.5	L.F.	RAISING EXISTING GUARDRAIL
606	42	EACH	GUARDRAIL POST, 9 FOOT
606	225	EACH	FLARED END SECTION
606	113	EACH	ROUNDED END SECTION
606	10	EACH	ANCHOR ASSEMBLY, MGS TYPE A
606	20	EACH	ANCHOR ASSEMBLY, MGS TYPE T
606	20	EACH	GUARDRAIL, MISC.
626	106	EACH	BARRIER REFLECTOR, TYPE 2, BI–DIRECTIONAL
614	LUMP	SUM	MAINTAINING TRAFFIC
624	LUMP	SUM	MOBILIZATION
832	1000	EACH	EROSION CONTROL

LOCATION DETAIL

NOT TO SCALE



NOTE: THE CONTRACTOR SHALL MAINTAIN THE ONE FOOT MINIMUM CLEAR AREA BEHIND THE PROPOSED GUARDRAIL AND INCREASE OR DECREASE THE DISTANCE BETWEEN GUARDRAIL AND EDGE OF PAVEMENT.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" OR AS SPECIFIED IN THE CONTINGENCY ROW OF EACH TOWNSHIP QUANTITY SHEET; UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THE PROJECT.

606-RAISING EXISTING GUARDRAIL

WHEN CALLED FOR ON THE PLANS, RESET EXISTING GUARDRAIL TO THE HEIGHT SHOWN ON THE APPLICABLE STANDARD CONSTRUCTION DRAWINGS AND LOCATION DETAIL SHOWN ON THIS PAGE, MEASURED FROM THE TOP OF THE RAIL TO THE FINISHED SHOULDER SURFACE BELOW THE RAIL. RAISE AND LOWER THE POSTS SEVERAL TIMES TO PREVENT SETTLEMENT AND THEN RE-DRIVE THEM TO THE HEIGHT SHOWN ON THE PLANS. USE OTHER METHODS IF APPROVED.

606-GUARDRAIL, MISC.

THIS ITEM WILL BE USED FOR MINOR ADJUSTMENTS TO CONNECT NEW END SECTIONS TO EXISTING RAIL.

UNDERGROUND UTILITIES

IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE UNDERGROUND UTILITIES MARKED PRIOR TO CONSTRUCTION BY NOTIFYING THE OHIO UTILITY PROTECTION SERVICE AT 1-800-362-2764. NON-MEMBERS SHALL BE CONTACTED DIRECTLY. THE FOLLOWING LIST OF UTILITY OWNERS HAVE FACILITIES WITHIN THE PROJECT LIMITS:

TOLEDO EDISON (419) 334-7541	AMERICAN ELECTRIC POWER (800) 672-2231	MEDIA ONE CABLEVISION (800) 425-2225	COLUMBIA GAS OF OHIO (419) 957-2296
AT&T CENTURY LINK (419) 559-4024	BUCKEYE CABLE (419) 724-9800	SPECTRUM (TWC) (419) 332-6972	FRONT ROW CABLEVISION (800) 344-2288
OHIO EDISON (800) 633-4766	FRONTIER (419) 841-7281		

GENERAL NOTES

GUARDRAIL REMOVED

EXISTING GUARDRAIL SHALL BE CAREFULLY DISMANTLED AND STORED FOR SALVAGE FOR SANDUSKY COUNTY. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 202, GUARDRAIL REMOVED FOR STORAGE. SALVAGE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, RAIL, POSTS, BLOCKS, BOLTS, PLATES, ANCHOR ASSEMBLIES, END ASSEMBLIES.

ALL HOLES REMAINING AFTER REMOVAL OF GUARDRAIL POSTS SHALL BE FILLED WITH GRANULAR MATERIAL RESULTING FROM GUARDRAIL CONSTRUCTION, FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER.

MATERIAL PLACED IN HOLES SHALL BE THOROUGHLY COMPACTED AND LEVELED OFF AS DIRECTED BY THE ENGINEER. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 202 GUARDRAIL REMOVED FOR STORAGE.

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN ON AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE BID ITEMS.

ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT. THE LENGTH OF RESTRICTED TRAFFIC ZONES SHALL BE KEPT TO A MINIMUM CONSISTENT WITH THE SPECIFICATION REQUIREMENTS FOR PROTECTION OF DESIGNATED WORK AREAS. ALTERNATE ONE-WAY TRAFFIC SHALL BE ESTABLISHED USING FLAGGER CONTROL PER SCD MT-97.10 AND MT-105.10.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>=2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	>12 HOURS & <2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURE & RESTRICTIONS	>=2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLE-MENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

SANDUSKY COUNTY, OHIO
REPAIR GUARDRAIL LOCATIONS

prepared by the office of
CARLOS A. BAEZ
SANDUSKY COUNTY ENGINEER
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FREMONT, OHIO 43420
(419) 334-9731
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2019

GEOGRAPHICAL LOCATION
EAST from 1st Principal Meridian — Ohio — Indiana Line
NORTH from 41st Parallel — Seneca — Crawford County Line

SCALE
1/2
0 1/4 1 2

LEGEND
- COUNTY ROADS
- TOWNSHIP ROADS
- PRIVATE ROADS
- STATE & FEDERAL ROUTES
- OHIO TURNPIKE
- NORTH COAST INLAND BIKE PATH
- CHURCH
- CEMETERY

R13E R14E R15E R16E R17E

T6N T5N T4N

CLAY TWP. GENOA TWP. ELMORE HARRIS TWP. SALEM TWP. OTTAWA COUNTY RICE RILEY SANDUSKY WASHINGTON MADISON FREMONT TOWNSEND JACKSON SCOTT BALLVILLE GREEN CREEK YORK

WOODVILLE LINDSEY HESSVILLE GIBSONBURG ROLLERSVILLE HELENA MILLERSVILLE CLYDE GREEN SPRINGS BELLEVUE BETTSVILLE

MUDDY CREEK BAY SANDUSKY BAY

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded end section	606-Anchor Assembly MGS Type A	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
L9	BA-	9	TR 9	0.23	0.24	Right	REPLACE SECTION	0	Flair End	Flair End	50.0				50.0							2
I11	BA-	53	TIFFIN RD	4.70	4.73	Right	MISSING SPACER	DAMAGED RAIL	Type A	Type A	25.0				25.0							1
I10	BA-	132	S RIVER RD	2.58	2.71	Right	REPLACE RAIL	TOO LOW	Flair End	Flair End	675.0			2	675.0				2			8
J10	BA-	154	TR 154	0.67	0.68	Left	ROTTED POSTS	0	Flair End	Flair End		37.5				37.5						
J10	BA-	154	TR 154	0.67	0.68	Right	ROTTED POSTS	REPLACE END	Flair End	Flair End		37.5		1		37.5			1			
I12	BA-	178	SMITH RD	4.04	4.06	Left	TOO LOW	ROTTED POSTS	Round End	Round End				2		62.5	62.5			2		
I12	BA-	178	SMITH RD	4.05	4.06	Right	ROTTED POSTS	REPLACE RAIL	Round End	Round End	62.5			2	62.5					2		2
I12	BA-	178	SMITH RD	4.77	4.78	Left	ROTTED POSTS	0	Round End	Round End		62.5		2		62.5			2			
I12	BA-	178	SMITH RD	4.77	4.78	Right	ROTTED POSTS	0	Round End	Round End		62.5				62.5						
I12	BA-	178	SMITH RD	4.96	4.97	Left	REPLACE RAIL	POSTS	Flair End	Flair End	50.0			2	50.0				2			2
I12	BA-	178	SMITH RD	4.96	4.97	Right	REPLACE RAIL	OVERLAP	Flair End	Flair End	50.0			2	50.0				2			2
K10	BA-	181	CR 181	0.10	0.10	Left	BEGIN MODIFIED BUFFER DAMAGED	END MODIFIED BUFFER DAMAGED	Flair End	Flair End				2					2			
K10	BA-	181	CR 181	0.10	0.10	Right	BEGIN MODIFIED BUFFER DAMAGED	END MODIFIED BUFFER DAMAGED	Flair End	Flair End				2					2			
K12	BA-	181	SHAW RD	2.91	2.92	Left	ROTTED POSTS	0	Type A	Flair End		100.0		2		100.0			1	1		
K12	BA-	181	CR 181	2.90	2.92	Right	ROTTED POSTS	OVERLAP	Type A	Flair End		100.0		1		100.0			1		1	2
K10	BA-	193	TR 193	0.90	0.91	Left	ROTTED POSTS	REPLACE END	Flair End	Flair End		37.5		1		37.5			1			
K10	BA-	193	TR 193	0.90	0.91	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
K13	BA-	198	S CR 198	1.22	1.26	Left	ROTTED POSTS	REPLACE RAIL	Round End	Round End	187.5			2	187.5					2		3
J9	BA-	201	HURDIC RD	0.24	0.38	Left	ROTTED POSTS	OVERLAP	Flair End	Flair End		150.0		2		150.0			2			
J9	BA-	201	W CR 201	0.28	0.38	Right	ROTTED POSTS	0	Type A	Round End		150.0				150.0						
J10	BA-	201	HURDIC RD	0.62	0.67	Left	ROTTED POSTS		Type A	Type A		150.0		2		150.0					2	
J10	BA-	201	CR 201	0.63	0.66	Right	ROTTED POSTS	0	Type A	Flair End		150.0				150.0						
I10	BA-	501	RIVER ST	0.62	0.65	Right	FURTHER INSPECTION NEEDED	TOO HIGH	Flair End	Flair End		125.0		2		125.0			2			
								Ballville Township Contingency			25.0	25.0	5	6	25.0	25.0	12.5	10	4	4	1	1
								Ballville Township TOTALS			**1,125.0**	**1,225.0**	**5**	**37**	**1,125.0**	**1,287.5**	**75.0**	**10**	**26**	**11**	**4**	**23**

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-GR Rebuilt	606-Raising Existing GR	606-GR Post, 9 ft	606-Flared end Section	606-Rounded end section	606-Anchor Assembly MGS, Type A	606-Anchor Assembly MGS, Type T	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH
K13	GR-	181	SHAW RD	0.15	0.15	Left	ROTTED POSTS	REPLACE RAIL	Round End	Round End	37.5			2	37.5					2			1
K13	GR-	181	E CR 181	0.15	0.15	Right	REPLACE RAIL	0	Round End	Round End	37.5			2	37.5					2			1
K13	GR-	181	E CR 181	0.70	0.76	Left	REALIGN POSTS		Type A	Type A		300.0		2		300.0					2		
K13	GR-	198	CR 198	1.23	1.25	Right	ROTTED POSTS	REPLACE RAIL	Type T	Type T	125.0			2	125.0							2	2
J13	GR-	213	DEWEY RD	0.57	0.62	Left	BEGIN FLAIR OVERLAP BACKWARDS	REALIGN POSTS, ROTTED POSTS	Flair End	Flair End		275.0		2		275.0			2				
J13	GR-	213	CR 213	0.57	0.61	Right	ROTTED POSTS	REPLACE RAIL	Type T	Type T	225.0			2	225.0							2	3
J14	GR-	213	DEWEY RD	2.48	2.49	Left	TOO LOW	ROTTED POSTS	Flair End	Flair End				2		50.0	50.0		2				
J14	GR-	213	DEWEY RD	2.48	2.49	Right	TOO LOW	ROTTED POSTS	Round End	Round End				2		50.0	50.0			2			
I13	GR-	221	TR 221	0.53	0.55	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		150.0		2		150.0			2				
I13	GR-	221	TR 221	0.53	0.55	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		150.0		2		150.0			2				
I15	GR-	223	TR 223	1.60	1.61	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2				
I15	GR-	223	TR 223	1.60	1.61	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2				
H13	GR-	229	CR 229	0.24	0.25	Right	MODIFIED BUFFERS DAMAGED	TOO LOW	Round End	Round End				2			87.5			2			
H13	GR-	229	BEELER RD	1.05	1.06	Left	REPLACE RAIL	ROTTED POSTS	Round End	Round End	50.0			2	50.0					2			1
H13	GR-	229	BEELER RD	1.04	1.05	Right	REPLACE RAIL	TOO LOW	Round End	Round End	50.0			2	50.0					2			1
H15	GR-	229	CR 229	3.12	3.13	Left	ROTTED POSTS	0	Round End	Round End		62.5				62.5							
H15	GR-	229	BEELER RD	3.12	3.13	Right	ROTTED POSTS	0	Round End	Round End		62.5		2		62.5				2			
I14	GR-	232	ERLIN RD	0.73	0.75	Left	ROTTED POSTS	TOO LOW	Flair End	Flair End		75.0				75.0							
I14	GR-	232	ERLIN RD	0.74	0.75	Right	ROTTED POSTS	TOO LOW	Flair End	Flair End		62.5		2		62.5	62.5		2				
								Green Creek Township Contingency			12.5	25.0	4	5	12.5	12.5	25.0	10	4	4	1	1	
								Green Creek Township TOTALS			**537.5**	**1,237.5**	**4**	**39**	**537.5**	**1,325.0**	**275.0**	**10**	**18**	**18**	**3**	**5**	**9**

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-GR Rebuilt	606-Raising Existing GR	606-GR Post, 9 ft	606-Flared End Section	606-Rounded End section	606-Anchor Assembly MGS, Type A	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
J8	JA-	12	GABEL'S CORNER RD	1.34	1.35	Left	TOO LOW	BEGIN FLAIR BACKWARDS	Flair End	Flair End				2			37.5		2			
J8	JA-	12	GABEL'S CORNER RD	1.34	1.35	Right	TOO LOW	END FLAIR OVERLAP BACKWARDS	Flair End	Flair End				2			37.5		2			
J8	JA-	31	TR 31	0.25	0.25	Left	REPLACE RAIL	REPLACE ENDS	Flair End	Flair End	75.0			2	75.0				2			2
J8	JA-	31	TR 31	0.25	0.25	Right	REPLACE RAIL	REPLACE ENDS	Flair End	Flair End	75.0			2	75.0				2			2
J7	JA-	39	HAVENS STATION RD	2.87	2.88	Left	TOO LOW	0	Round End	Flair End				2			50.0		1	1		
J7	JA-	39	HAVENS STATION RD	2.87	2.88	Right	ROTTED POSTS	TOO LOW	Round End	Round End		50.0		2		50.0	50.0			2		
I5	JA-	41	GREENSBURG PIKE	1.01	1.03	Right	REPLACE APPROACH RAIL	0	Round End	Round End	12.5			1	12.5					1		1
I5	JA-	41	GREENSBURG PIKE	1.01	1.03	Left	REPLACE RAIL	BEGIN MODIFED BUFFER	Round End	0	100.0			2	100.0					2		2
I7	JA-	41	GREENSBURG PIKE	4.47	4.49	Left	ROTTED POSTS	BEGIN FLAIR OVERLAP BACKWARDS	Round End	Round End		87.5		2		87.5			2			
I7	JA-	41	CR 41	4.47	4.49	Right	ROTTED POSTS	END FLAIR OVERLAP BACKWARDS	Flair End	Flair End		87.5		1		87.5			1			
J5	JA-	72	TR 72	0.10	0.10	Left	REPLACE RAIL	ROTTED POSTS	Flair End	Flair End	37.5			2	37.5				2			1
J5	JA-	72	TR 72	0.10	0.10	Right	ROTTED POSTS	0	Flair End	Flair End		37.5		0		37.5						
H8	JA-	108	TR 108	0.63	0.63	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		25.0		2		25.0			2			
H8	JA-	108	TR 108	0.63	0.63	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		25.0		2		25.0			2			
								Jackson Township Contingency			12.5	12.5	2	2	12.5	12.5	12.5	5	2	2	1	1
								Jackson Township TOTALS			**312.5**	**325.0**	**2**	**26**	**312.5**	**325.0**	**187.5**	**5**	**20**	**8**	**1**	**9**

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded End section	606-Anchor Assembly MGS, Type T	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
F2	MA-	26	TR 26	2.55	2.57	Left	ROTTED POSTS	REPLACE END	Flair End	Flair End		37.5		1		37.5			1			
F2	MA-	26	TR 26	2.55	2.57	Right	ROTTED POSTS	0	Flair End	Flair End		37.5				37.5						
F2	MA-	26	TR 26	3.11	3.13	Left	ROTTED POSTS	0	Flair End	Flair End		37.5				37.5						
F2	MA-	26	TR 26	3.11	3.13	Right	ROTTED POSTS	0	Flair End	Flair End		37.5				37.5						
G2	MA-	65	CR 65	1.55	1.56	Left	END MODIFIED BUFFER DAMAGED	0	Flair End	Round End				1						1		
G2	MA-	65	CR 65	1.55	1.56	Right	END MODIFIED BUFFER DAMAGED	0	Flair End	Round End				1						1		
F1	MA-	67	TR 67	1.08	1.09	Left	ROTTED POSTS	0	Flair End	Flair End		50.0				50.0						
F1	MA-	67	TR 67	1.08	1.09	Right	ROTTED POSTS	0	Flair End	Flair End		50.0				50.0						
E3	MA-	85	TILLE RD	0.05	0.07	Left	END FLAIR OVERLAP BACKWARDS	TOO LOW	Flair End	Flair End				2			100.0		2			
E3	MA-	85	TILLE RD	0.05	0.07	Right	BEGIN FLAIR OVERLAP BACKWARDS	TOO LOW	Flair End	Flair End				2			100.0		2			
E2	MA-	91	TR 91	1.84	1.85	Left	REPLACE RAIL	0	Flair End	Flair End	37.5			2	37.5				2			1
E2	MA-	91	TR 91	1.84	1.85	Right	REPLACE RAIL	0	Flair End	Flair End	37.5			2	37.5				2			1
								Madison Township Contingency			12.5	12.5	2	2	12.5	12.5	12.5	2	2	2	1	1
								Madison Township TOTALS			**87.5**	**262.5**	**2**	**13**	**87.5**	**262.5**	**212.5**	**2**	**11**	**4**	**1**	**3**

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded End Section	606-Anchor Assembly MGS, Type T	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
D11	RI-	119	CR 119	1.16	1.18	Left	BEGIN FLAIR OVERLAP BACKWARDS	ROTTED POSTS	Flair End	Flair End		87.5		2		87.5			2			
D11	RI-	119	ARTZ RD	1.15	1.17	Right	ROTTED POSTS	END FLAIR OVERLAP BACKWARDS	Flair End	Flair End		87.5		2		87.5				2		
C9	RI-	153	TR 153	1.51	1.52	Left	ROTTED POSTS, REPLACE SECTION	REPLACE ENDS	Flair End	Flair End	12.5	37.5		2	12.5	37.5			2			1
C9	RI-	153	TR 153	1.51	1.52	Right	ROTTED POSTS, REPLACE SECTION	REPLACE ENDS	Flair End	Flair End	12.5	37.5		2	12.5	37.5			2			1
C11	RI-	164	TR 164	0.76	0.77	Left	ROTTED POSTS, REPLACE SECTION	REPLACE END	Flair End	Flair End	75.0			1	75.0				1			2
D11	RI-	166	TR 166	1.41	1.42	Left	RAISE GUARDRAIL	REPLACE ENDS	Flair End	Flair End				2			50.0		2			
D11	RI-	170	TR 170	1.84	1.85	Left	REPLACE END	ROTTED POSTS	Flair End	Flair End		50.0		1		50.0			1			
D11	RI-	170	TR 170	1.84	1.85	Right	REPLACE SECTION	ROTTED POSTS	Flair End	Flair End	12.5	37.5			12.5	37.5						1
D11	RI-	170	TR 170	2.17	2.18	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		50.0		2		50.0			2			
D11	RI-	170	TR 170	2.17	2.18	Right	ROTTED POSTS	REPLACE END	Flair End	Flair End		50.0		1		50.0			1			
D12	RI-	182	KLINE RD	1.19	1.20	Left	BEGIN FLAIR OVERLAP BACKWARDS	REPLACE RAIL	Flair End	Flair End	62.5			2	62.5				2			2
D12	RI-	182	KLINE RD	1.19	1.20	Right	END FLAIR OVERLAP BACKWARDS	REPLACE RAIL	Flair End	Flair End	25.0			2	25.0				2			1
								Rice Township Contingency			12.5	12.5	2	2	12.5	12.5	12.5	2	2	1	2	1
								Rice Township TOTALS			**212.5**	**450.0**	**2**	**21**	**212.5**	**450.0**	**62.5**	**2**	**19**	**3**	**2**	**9**

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded End Section	606-Anchor Assembly MGS, Type T	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
F13	RY-	198	N CR 198	3.69	3.74	Right	REPLACE RAIL	TOO LOW	Round End	Round End		237.5		2	237.5					2		3
H13	RY-	229	BEELER RD	0.24	0.25	Left	TOO LOW	ROTTED POSTS	Round End	Round End		87.5		2		87.5	87.5			2		
F15	RY-	232	N CR 232	4.40	4.41	Left	ROTTED POSTS	BEGIN FLAIR OVERLAP BACKWARDS	Flair End	Flair End		50.0		1		50.0			1			
F15	RY-	232	N CR 232	4.39	4.41	Right	ROTTED POSTS	END FLAIR OVERLAP BACKWARDS	0.0	Flair End		100.0		2		100.0			2			
F14	RY-	239	CR 239	1.58	1.60	Left	TOO LOW	ROTTED POSTS	Flair End	Flair End		125.0		2		125.0	125.0		2			
F14	RY-	239	BALSIZER RD	2.16	2.17	Right	END FLAIR OVERLAP BACKWARDS	REPLACE RAIL	Flair End	Flair End	50.0			2	50.0				2			1
F17	RY-	247	CR 247	2.84	2.85	Left	END MODIFIED BUFFER DAMAGED	0	Round End	Round End				1						1		
F17	RY-	247	CR 247	2.84	2.85	Right	END MODIFIED BUFFER DAMAGED	0	Round End	Round End				2						2		
D14	RY-	259	CR 259	1.75	1.77	Left	BEGIN FLAIR OVERLAP BACKWARDS	TOO LOW	Flair End	Flair End				2			112.5		2			
D14	RY-	259	COONROD RD	1.75	1.77	Right	TOO LOW	END FLAIR OVERLAP BACKWARDS	Flair End	Flair End				2			112.5		2			
D14	RY-	259	COONROD RD	1.36	1.38	Left	ROTTED POSTS	REPLACE RAIL	Flair End	Flair End	25.0				25.0							1
D14	RY-	259	COONROD RD	1.36	1.38	Right	ROTTED POSTS	REPLACE RAIL	Flair End	Flair End	137.5			2	137.5				2			2
H17	RY-	260	YORKTOWN RD	0.25	0.27	Left	REPLACE RAIL	0	Round End	Flair End	75.0			2	75.0				1	1		2
H17	RY-	260	YORKTOWN RD	0.25	0.26	Right	REPLACE RAIL	0	Round End	Round End	75.0			2	75.0					2		2
E17	RY-	260	N CR 260	4.44	4.46	Left	REPLACE RAIL	TOO LOW	Round End	Round End	75.0			2	75.0					2		2
E15	RY-	265	CR 265	0.11	0.21	Left	TOO LOW	ROTTED POSTS	Type T	Type T		575.0		2		575.0	575.0				2	
										Riley Township Contingency	12.5	25.0	2	2	12.5	12.5	25.0	2	2	2	1	1
										Riley Township TOTALS	**450.0**	**1,200.0**	**2**	**30**	**687.5**	**950.0**	**1,037.5**	**2**	**16**	**14**	**3**	**14**

Sandusky Township Guardrail

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded End Section	606-Anchor Assembly MGS, Type T	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
H9	SA-	51	NAPOLEON RD	3.41	3.42	Left	POST DAMAGED	0	Flair End	Flair End		75.0				75.0						
H9	SA-	51	NAPOLEON RD	4.26	4.27	Left	BRIDGE RAIL DAMAGED		Flair End	Flair End	12.5				12.5							1
H9	SA-	51	NAPOLEON RD	4.26	4.28	Right	BRIDGE RAIL DAMAGED	0	Flair End	Flair End	12.5			2	12.5				2			1
G10	SA-	57	CHRISTY RD	1.24	1.41	Left	BEGIN FLAIR OVERLAP BACKWARDS	DAMAGED POST	Flair End	Flair End		12.5		1		12.5			1			
G10	SA-	57	CHRISTY RD	1.25	1.41	Right	BEGIN FLAIR OVERLAP BACKWARDS	ROTTED POST	Flair End	Flair End		12.5		1		12.5			1			
G10	SA-	57	CHRISTY RD	1.73	1.75	Left	REPLACE APPROACH RAIL	0	Flair End	Flair End	12.5			1	12.5				1			1
G10	SA-	57	CHRISTY RD	1.68	1.75	Right	REPLACE APPROACH RAIL	0	Round End	Round End	12.5			1	12.5					1		1
F10	SA-	57	CHRISTY RD	3.20	3.20	Left	BEGIN MODIFIED BUFFER DAMAGED	END MODIFIED BUFFER DAMAGED	Flair End	Flair End				2					2			
F10	SA-	57	CHRISTY RD	3.20	3.20	Right	BEGIN MODIFIED BUFFER DAMAGED	END MODIFIED BUFFER DAMAGED	Flair End	Flair End				2					2			
F11	SA-	89	BOOKTOWN RD	3.28	3.33	Right	REPLACE RAIL	ADD RAIL TO BEGINING	Flair End	Flair End	275.0			2	287.5				2			4
E10	SA-	97	TR 97	1.82	1.83	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		62.5		2		62.5			2			
H9	SA-	128	FOUR MILE HOUSE RD	0.20	0.24	Left	RAIL OVERLAP BACKWARDS	REALIGN POSTS	Round End	Round End		162.5		2		162.5				2		
H9	SA-	128	CR 128	0.20	0.24	Right	RAIL OVERLAP BACKWARDS	REALIGN POSTS	Round End	Round End		162.5		2		162.5				2		
G9	SA-	136	TR 136	0.44	0.45	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
G9	SA-	136	TR 136	0.44	0.45	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
F9	SA-	142	TR 142	0.40	0.41	Left	ROTTED POSTS	0	Flair End	Flair End		37.5				37.5						
F9	SA-	142	TR 142	0.40	0.41	Right	ROTTED POSTS	0	Flair End	Flair End		37.5				37.5						
E11	SA-	166	TR 166	3.49	3.50	Left	RAISE GUARDRAIL	ROTTED POSTS	Flair End	Flair End		50.0				50.0	50.0					
E11	SA-	166	TR 166	3.49	3.50	Right	RAISE GUARDRAIL	REPLACE SECTION	Flair End	Flair End	12.5				12.5		50.0					1
F13	SA-	198	N CR 198	3.08	3.09	Right	TOO LOW	0	Round End	Round End				2			50.0		2			
F13	SA-	198	N CR 198	3.08	3.09	Left	TOO LOW	0	Round End	Round End				2			50.0			2		
F13	SA-	198	N CR 198	3.70	3.74	Left	REPLACE RAIL	ROTTED POSTS	Round End	Round End	200.0			2	200.0					2		3
										Sandusky Township Contingency	12.5	12.5	5	5	12.5	12.5	12.5	2	5	5	2	2
										Sandusky Township TOTALS	**550.0**	**700.0**	**5**	**33**	**562.5**	**700.0**	**212.5**	**2**	**24**	**14**	**2**	**14**

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded End Section	606-Anchor Assembly MGS, Type T	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
L1	SC-	22	TR 22	0.49	0.50	Left	REPLACE RAIL	0	Flair End	Flair End	50.0			2	50.0				2			2
L1	SC-	22	TR 22	0.49	0.50	Right	REPLACE RAIL	0	Flair End	Flair End	50.0			2	50.0				2			2
J2	SC-	33	CENTER RD	1.58	1.59	Left	RAIL OVERLAP BACKWARDS	RADIUS END CAUSES HEAD ON HAZARD	Round End	Round End	50.0			2	50.0					2		2
J2	SC-	33	CR 33	1.58	1.59	Right	RAIL OVERLAP BACKWARDS	0	Flair End	Flair End				2					2			
L3	SC-	36	CR 36	0.29	0.31	Left	END MODIFIED BUFFER DAMAGED	0	Round End	Round End				2						2		
L3	SC-	36	SQUIRES RD	0.30	0.32	Right	END MODIFIED BUFFER DAMAGED	RAIL OVERLAP BACKWARD	Round End	Round End				2						2		
L3	SC-	36	CR 36	0.61	0.62	Left	BEGIN MODIFIED BUFFER	END MODIFIED BUFFER	Round End	Round End				2						2		
L3	SC-	58	HOLLINGER RD	0.34	0.35	Right	BEGIN MODIFIED BUFFER DAMAGED	TOO LOW	Round End	Round End				2			75.0		2			
L2	SC-	1	CR 1	1.34	1.75	Right	FURTHER INSPECTION NEEDED	DAMAGED POST	Flair End	Flair End		100.0				100.0						
L3	SC-	1	CR 1	3.39	3.40	Right	REPLACE RAIL	ADD RAIL BEGIN	Round End	Round End	25.0			2	37.5					2		1
L4	SC-	1	W/ CR 62/SENECA CO LINE /RD	4.85	5.07	Right	RAIL DAMAGED	0	Flair End	Flair End	25.0				25.0							1
L4	SC-	1	W/ CR 62/SENECA CO LINE /RD	5.08	5.22	Right	END FLAIR DAMAGED	BRIDGE POST DAMAGED	Flair End	Flair End		100.0		2		100.0			2			
										Scott Township Contingency	12.5	12.5	1	1	12.5	12.5	12.5	2	1	1	1	1
										Scott Township TOTALS	**212.5**	**212.5**	**1**	**21**	**225.0**	**212.5**	**87.5**	**2**	**11**	**11**	**1**	**9**

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded End Section	606-Anchor Assembly MGS, Type A	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
G19	TO-	237	TR 237	2.99	3.00	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		50.0		2		50.0			2			
G19	TO-	237	TR 237	2.99	3.00	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		50.0		2		50.0			2			
F20	TO-	247	WHITMORE RD	4.15	4.16	Right	END MODIFIED BUFFER DAMAGED	REALIGN POSTS	Round End	Round End		50.0		2		50.0				2		
F20	TO-	247	WHITMORE RD	4.90	4.91	Left	END MODIFIED BUFFER DAMAGED	ROTTED POST	Round End	Round End		62.5		2		62.5				2		
F20	TO-	247	WHITMORE RD	4.90	4.91	Right	BEGIN MODIFIED BUFFER DAMAGED	RAIL OVERLAP BACKWARDS	Round End	Round End				2						2		
F17	TO-	247	WHITMORE RD	1.26	1.28	Left	TOO LOW	ROTTED POSTS	Round End	0		137.5		1		137.5	137.5			1		
F17	TO-	247	WHITMORE RD	1.26	1.28	Right	TOO LOW	RAIL OVERLAP BACKWARDS	Flair End	Flair End				2			262.5		2			
F17	TO-	260	YORKTOWN RD	2.83	2.85	Left	END MODIFIED BUFFER DAMAGED	ROTTED POSTS	Round End	Round End		75.0		2		75.0				2		
F17	TO-	260	N CR 260	2.83	2.84	Right	ROTTED POSTS	MODIFIED BUFFERS DAMAGED	Round End	Round End		75.0		2		75.0				2		
E17	TO-	260	N CR 260	4.44	4.46	Right	REPLACE RAIL	TOO LOW	Round End	Round End	75.0			2	75.0					2		2
G17	TO-	268	CR 268	1.68	1.68	Left	END MODIFIED BUFFER DAMAGED	0	Round End	Round End				1						1		
F17	TO-	268	VICKERY RD	1.68	1.68	Right	BEGIN MODIFIED BUFFER DAMAGED	0	Round End	Round End				2						2		
F17	TO-	268	CR 268	3.12	3.13	Left	ROTTED POSTS	BEGIN MODIFIED BUFFER DAMAGED	Round End	Round End		62.5		2		62.5				2		
F18	TO-	268	VICKERY RD	3.12	3.13	Right	ROTTED POSTS	END MODIFIED BUFFER DAMAGED	Round End	Round End		62.5		2		62.5				2		
F18	TO-	272	TR 272	0.50	0.51	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		50.0		2		50.0			2			
F18	TO-	272	TR 272	0.50	0.51	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		50.0		2		50.0			2			
D18	TO-	290	CR 290	0.39	0.40	Left	BEGIN FLAIR OVERLAP BACKWARDS	REPLACE RAIL	Flair End	Flair End	50.0			1	50.0				1			
D18	TO-	290	CR 290	0.39	0.40	Right	REPLACE RAIL	END FLAIR OVERLAP	Flair End	Flair End	50.0			2	50.0				2			1
H19	TO-	294	N CR 294	0.43	0.44	Left	BEGIN FLAIR OVERLAP BACKWARDS	TOO LOW	Flair End	Flair End				2			50.0		2			
H19	TO-	294	CR 294	0.43	0.44	Right	TOO LOW	END FLAIR OVERLAP	Flair End	Flair End				2			50.0		2			
								Townsend Township Contingency			12.5	12.5	2	2	12.5	12.5	12.5	2	2	2	2	1
								Townsend Township TOTALS			**187.5**	**737.5**	**2**	**39**	**187.5**	**737.5**	**512.5**	**2**	**19**	**22**	**2**	**4**

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded End Section	606-Anchor Assembly MGS Type T	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
H8	WA-	51	NAPOLEON RD	2.87	2.88	Right	TOO LOW	POSTS DAMAGED	Flair End	Flair End		75.0		2		75.0	75.0		2			
G6	WA-	55	TR 55	2.72	2.79	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
G6	WA-	55	TR 55	2.72	2.79	Right	ROTTED POSTS, REPLACE SECTION	REPLACE ENDS	Flair End	Flair End	12.5	25.0		2	12.5	25.0			2			1
G6	WA-	59	TR 59	2.18	2.20	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		75.0		2		75.0			2			
G6	WA-	59	TR 59	2.18	2.20	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		75.0		2		75.0			2			
G7	WA-	59	TR 59	2.90	2.92	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		50.0		2		50.0			2			
G7	WA-	59	TR 59	2.90	2.92	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		50.0		2		50.0			2			
G8	WA-	59	TR 59	4.68	4.70	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
G8	WA-	59	TR 59	4.68	4.70	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
G6	WA-	65	SHADE RD	2.72	2.73	Left	END FLAIR OVERLAP BACKWARDS	BEGIN FLAIR DAMAGED	Flair End	Flair End				2					2			
G6	WA-	65	SHADE RD	2.71	2.73	Right	BEGIN FLAIR DAMAGED	END FLAIR OVERLAP BACKWARDS	Flair End	Flair End				2					2			
G6	WA-	65	SHADE RD	2.90	2.91	Left	TOO LOW	0	Flair End	Flair End				2			100.0		2			
G6	WA-	65	SHADE RD	2.89	2.91	Right	RAIL OVERLAP BACKWARDS	TOO LOW	Type T	Type T				2			100.0				2	
G8	WA-	65	SHADE RD	5.15	5.16	Left	BEGIN MODIFIED BUFFER DAMAGED	TOO LOW	Round End	Round End				2			62.5			2		
G8	WA-	65	CR 65	5.15	5.17	Right	BEGIN MODIFIED BUFFER DAMAGED	TOO LOW	Round End	Round End				2			75.0			2		
F6	WA-	69	TR 69	1.71	1.73	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		175.0		2		175.0			2			
F6	WA-	69	TR 69	1.71	1.73	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		175.0		2		175.0			2			
E6	WA-	78	TR 78	0.08	0.09	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
E6	WA-	78	TR 78	0.08	0.09	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
G7	WA-	90	CR 90	0.97	1.00	Left	REALIGN RAIL POSTS	0	Flair End	Round End		187.5				187.5						
G7	WA-	90	CR 90	1.88	1.90	Right	END RAIL DAMAGED	0	Type T	Type T	12.5			1	12.5						1	1
E7	WA-	92	CR 92	0.52	0.52	Right	END FLAIR OVERLAP BACKWARDS	ADD RAIL TO END	Flair End	Flair End				1	12.5				1			1
C8	WA-	141	DUNMYER RD	1.47	1.48	Left	ADD RAIL TO END	BEGIN FLAIR OVERLAP BACKWARDS	Flair End	Flair End				1	12.5				1			1
										Washington Township Contingency	12.5	25.0	2	2	12.5	25.0	12.5	2	2	2	2	1
										Washington Township TOTALS	**37.5**	**1,100.0**	**2**	**43**	**62.5**	**1100.0**	**425.0**	**2**	**36**	**6**	**5**	**5**

Woodville Township Guardrail

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded End Section	606-Anchor Assembly MGS, Type T	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
E2	WO-	26	TR 26	0.03	0.04	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
E2	WO-	26	TR 26	0.03	0.04	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
E3	WO-	42	TR 42	0.43	0.45	Left	REPLACE RAIL	REPLACE ENDS	Flair End	Flair End	112.5			2	112.5				2			2
E3	WO-	42	TR 42	0.43	0.45	Right	REPLACE RAIL	REPLACE ENDS	Flair End	Flair End	112.5			2	112.5				2			2
C4	WO-	56	TR 56	1.15	1.15	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
C4	WO-	56	TR 56	1.15	1.15	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		37.5		2		37.5			2			
C4	WO-	62	TR 62	3.46	3.46	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		187.5		2		187.5			2			
C4	WO-	62	TR 62	3.46	3.46	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		187.5		2		187.5			2			
C2	WO-	117	CR 117	3.36	3.36	Left	ROTTED POSTS	0	Flair End	Flair End		37.5				37.5						
C2	WO-	117	CR 117	3.36	3.36	Right	ROTTED POSTS	0	Flair End	Flair End		37.5				37.5						
B2	WO-	163	TR 163	0.67	0.69	Left	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		50.0		2		50.0			2			
B2	WO-	163	TR 163	0.67	0.69	Right	ROTTED POSTS	REPLACE ENDS	Flair End	Flair End		50.0		2		50.0			2			
										Woodville Township Contingency	12.5	12.5	2	2	12.5	12.5	12.5	2	2	2	1	1
										Woodville Township TOTALS	**237.5**	**712.5**	**2**	**22**	**237.5**	**712.5**	**12.5**	**2**	**22**	**2**	**1**	**5**

Map Legend	Township	Road Number	Road Name	SLM Start	SLM End	Offset	Description1	Description2	Type Begin	Type End	202-GR Remove for Storage	202-GR Removed for Reuse	202-GR post Removed	202-Remove Assembly	606-MGS Type 5	606-Guardrail Rebuilt	606-Raising Existing GR	606-Guardrail Post, 9 ft	606-Flared End Section	606-Rounded end section	606-Anchor Assembly MGS, Type A	626-Barrier Reflector type 2, bidirectional white
											FT	FT	EACH	EACH	EACH	FT	FT	EACH	EACH	EACH	EACH	EACH
J17	YO-	268	VICKERY RD	0.02	0.02	Left	TOO HIGH	END BEGIN FLAIR OVERLAP BACKWARDS	Flair End	Flair End		37.5		2		37.5			2			1
										York Township Contingency	12.5	12.5	1	1	12.5	12.5	12.5	1	1			1
										York Township TOTALS	**12.5**	**50.0**	**1**	**3**	**12.5**	**50.0**	**12.5**	**1**	**3**	**0**	**0**	**2**