

HAM-471-00.00 TYPE 3 ER

MODEL: Sheet PAPER: 17x11 (in.) DATE: 3/20/2025 TIME: 2:29:51 PM USER: drolalla X:\Projects\2024\2421604\306 HAM-471-00.00 Task 6-D\122951\400-Engineering\Roadway\Sheets\122951_GT001.dgn



LOCATION MAP

LATITUDE: 39 °06'10" LONGITUDE: 84 °29'57"



PORTION TO BE IMPROVED	
INTERSTATE HIGHWAY	
FEDERAL ROUTES	
STATE ROUTES	
COUNTY & TOWNSHIP ROADS	
OTHER ROADS	

DESIGN DESIGNATION

CURRENT ADT (2025)	112000
DESIGN YEAR ADT (2045)	130000
DESIGN HOURLY VOLUME (2045)	17000
DIRECTIONAL DISTRIBUTION	65%
TRUCKS (24 HOUR B&C)	4%
DESIGN SPEED	60 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
URBAN INTERSTATE	
NHS PROJECT	YES

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig

Before You Dig

OHIO 811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:

ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES
6121 Huntley Rd • Columbus, OH 43229
(614) 888-0040

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
HAM-IR 471-0.00
TYPE 3 EMERGENCY REPAIR

CITY OF CINCINNATI
HAMILTON COUNTY

INDEX OF SHEETS:

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STANDARD CONSTRUCTION DRAWINGS					SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
F-1.1	7/19/13				800 7/19/24	
HL-50.21	7/15/22				821 4/20/12	
					832 7/19/24	
					921 7/19/24	
MT-95.30	7/19/19					
MT-95.50	7/21/17					
MT-99.20	4/19/19					
MT-99.60	7/19/24					
MT-110.10	7/19/13					
TC-15.116	1/19/24					
TC-22.20	1/17/14					
TC-51.11	1/15/16					
TC-65.10	1/17/14					
TC-65.11	1/19/24					

FEDERAL PROJECT NUMBER

E250156

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

TYPE 3 EMERGENCY REPAIRS TO THE DANIEL CARTER BEARD BRIDGE AND APPROACH BRIDGES. WORK THAT IS NOT REQUIRED IN ORDER TO REOPEN I 471 SB TRAFFIC BUT IS REQUIRED TO REPAIR THE STRUCTURE TO CONDITION PRIOR TO THE FIRE. ASSOCIATED WITH PID 122820 (AND DDIR/DSR), WHICH IS THE TYPE 2 EMERGENCY REPAIRS TO THE STRUCTURE, REQUIRED IN ORDER TO REOPEN I 471 SB TO TRAFFIC.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	N/A ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	N/A ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A ACRES
EMERGENCY ROUTINE MAINTENANCE	

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

Douglas A. Gruver, P.E.
District 08 Deputy Director

Pamela Boratyn
Director, Department of Transportation

ENGINEER'S SEAL



ENGINEER'S SEAL



3 03/21/25

TITLE SHEET

DESIGN AGENCY



DESIGNER

CAM

REVIEWER

CSR 01/06/25

PROJECT ID

122951

SHEET

1

TOTAL

26

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.

EXISTING PLANS

EXISTING PLANS ENTITLED " _HAM-471-0.08 (08C1243).pdf, _2003 - HAM-471-0.26 (08C1898).pdf " MAY BE INSPECTED IN THE ODOT DISTRICT 8 OFFICE IN LEBANON, OH.

SURVEYING PARAMETERS - OHIO STATE PLANE (NORTH/SOUTH)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 10 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL
POSITIONING METHOD: ODOT VRS
MONUMENT TYPE: N/A

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NGVD29 (BASED ON CONVERTED NAVD88 OBSERVATIONS TO MATCH 1971 "I 471-4 (8) BRIDGE PLANS

GEOID: GEOID18

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83(2011)
ELLIPSOID: WGS84
COORDINATE SYSTEM: OHIO SOUTH 3402
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COMBINED SCALE FACTOR: 0.99992409584654
ORIGIN OF COORDINATE SYSTEM: 0,0

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS). A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRICT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. THE CONSTRUCTION LIMITS ARE SHOWN IN TEMPORARY ACCESS FENCING PLAN, SHEET 5.

SUBMIT A WRITTEN REQUEST TO THE PROJECT ENGINEER TO USE ANY AREA OUTSIDE THESE LIMITS. THE DOCUMENT SUBMITTED MUST CLEARLY IDENTIFY THE AREA AND EXPLAIN THE PROPOSED USE AND RESTORATION OF THE AREA. USE OF THESE AREAS FOR DISPOSAL OF WASTE MATERIAL AND CONSTRUCTION DEBRIS, EXCAVATION OF BORROW MATERIAL AND PLACEMENT OF PORTABLE PLANTS IS PROHIBITED. THE REQUEST MUST BE APPROVED, IN WRITING, BEFORE THE CONTRACTOR HAS PERMISSION TO USE THE AREA.

ANY ITEMS DAMAGED BEYOND THE CONSTRUCTION LIMITS, AS DEFINED ABOVE, WILL BE REPLACED IN KIND OR AS APPROVED BY THE PROJECT ENGINEER.

ITEM 607 - FENCE, MISC.: TEMPORARY CHAIN LINK

THIS ITEM SHALL CONSIST OF FIELD ADJUSTING AND SUBSEQUENT REMOVAL AND DELIVERY OF A TEMPORARY CHAIN LINK CONSTRUCTION FENCE AS PER SECTION 607 OF THE ODOT C&MS. EN LIEU OF TEMPORARY SURFACE SUPPORTS, THE TEMPORARY FENCE SHALL BE FIRMLY SUPPORTED TO PROTECT AGAINST WIND SHIFTING OR MOVEMENT FROM THE GENERAL PUBLIC. GENERAL FENCE LIMITS ARE SHOWN IN THE FENCING PLANS, HOWEVER, THE CONTRACTOR WILL HAVE TO ADJUST THE FENCE LIMITS AS NEEDED FOR CONSTRUCTION.

THE TEMPORARY CONSTRUCTION FENCE CURRENTLY EXISTS AS PART OF PART 1 CONSTRUCTION PROJECT. THIS EXISTING FENCE LOCATION MAY HAVE MOVED PRIOR TO CONTRACTOR MOBILIZATION. CONTRACTOR TO COORDINATE WITH ODOT AND PREVIOUS CONTRACTOR REGARDING PLACEMENT OF PROPOSED TEMPORARY CONSTRUCTION FENCE.

UPON COMPLETION OF THE PROJECT, THE CONTRACTOR IS TO DELIVER THE FENCE TO THE OLD ARTIMIS SITE AT 508 W 3RD STREET, CINCINNATI OHIO 45202.

PAYMENT FOR THE ABOVE WORK WILL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR ITEM 607, FENCE, MISC.: TEMPORARY CHAIN LINK AND SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED TO FIELD ADJUST, REMOVE, AND DELIVER THE TEMPORARY CONSTRUCTION FENCE.

AN ESTIMATED QUANTITY OF 1,860 LINEAL FEET HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM SPECIAL - EXISTING CONDUIT CLEANED

THIS WORK CONSISTS OF REMOVING SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGE CONDUITS AND STRUCTURES SPECIFIED IN THE PLANS. DISPOSE OF ALL MATERIAL PER 105.16 AND 105.17. CLEAN OUT TO THE APPROVAL OF THE ENGINEER.

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM A VIDEO INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT. ALL INSPECTIONS WILL FOLLOW THE MSD REQUIREMENTS OF PACP/LACP CCT AND MANHOLE SEWER INSPECTIONS NOTE ON SHEET 2A/26.

ALL EXISTING AND PROPOSED DRAINAGE ITEMS AS PART OF THIS PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM SPECIAL, EXISTING CONDUIT CLEANED 550 FT.

PAYMENT FOR ALL OF THE WORK MENTIONED ABOVE WILL BE MADE AT THE UNIT PRICE BID FOR ITEM SPECIAL, EXISTING CONDUIT CLEANED. THIS PRICE INCLUDES THE COST FOR MATERIAL, EQUIPMENT, LABOR, AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CLEANOUT.

DESIGN AGENCY



DESIGNER

CAM

REVIEWER

CSR 01/06/25

PROJECT ID

122951

SHEET

TOTAL

2

26



03/21/25

3 REQUIREMENTS OF PACP/LACP CCTV AND MANHOLE SEWER INSPECTIONS

MSD CONFORMS TO THE NATIONAL ASSOCIATION OF SEWER SERVICE COMPANIES’ (NASSCO) PIPELINE ASSESSMENT CERTIFICATION PROGRAM (PACP), LATERAL ASSESSMENT CERTIFICATION PROGRAM (LACP), AND MANHOLE INSPECTION UTILIZING MSD INSPECTION FORMS. THESE INSPECTIONS WILL BE MAINTAINED WITHIN MSD’S LIBRARY OF SEWER INSPECTIONS AND IT IS IMPERATIVE THAT THEY MEET ALL APPROPRIATE MSD REQUIREMENTS. ALL PACP AND LACP CCTV WORK TO BE PERFORMED VIA THIS CONTRACT SHALL THEREFORE CONFORM TO ALL CURRENT NASSCO STANDARDS EXCEPT WHERE SPECIFICALLY INSTRUCTED OTHERWISE BY THE MSDGC PROGRAM MANAGER (PM). THESE STANDARDS INCLUDE BUT ARE NOT LIMITED TO: SPEED OF CAMERA TRAVEL, CENTERING OF CAMERA IN PIPE, CODING OF DEFECTS/STRUCTURAL FEATURES/OBSERVATIONS, PANNING OF DEFECTS/STRUCTURAL FEATURES, CAMERA LIGHTING, HEADER INFORMATION, FLOW CONTROL, AND REVERSAL INSPECTIONS. MSD GIS STANDARDS AND DESIGNATIONS SHALL APPLY FOR HEADER INFORMATION INCLUDING, BUT NOT LIMITED TO: MANHOLE NUMBERS, ASSET ID NUMBERS, CITYWORKS® WORK ORDER NUMBERS, BUILDING SEWER NAMES AND IDENTIFICATION, AND PREVIOUSLY UNDOCUMENTED MANHOLES.

ALL PACP AND LACP CCTV WORK TO BE PERFORMED VIA THIS WORK ORDER SHALL BE CARRIED OUT UTILIZING A COLOR PAN AND TILT ROTATING HEAD CAMERA SPECIFICALLY DESIGNED AND CONSTRUCTED FOR SEWER INSPECTION. ALL CCTV WORK SHALL BE RECORDED ENTIRELY IN DIGITAL MP4 FORMAT ENCODED WITH A FILE COMPRESSION OF HIGH EFFICIENCY VIDEO CODING (HEVC OR H.265) (OTHER FORMATS NEED MSDGC PM APPROVAL) WITH AN APPROPRIATE PACP/LACP DATABASE FILE (NASSCO PACP/LACP V7.0 CERTIFIED ACCESS DATABASE HAVING COMPATIBILITY WITH PIPETECH® PIPELINE INSPECTION SOFTWARE), AND ALL VIDEO MUST BE CONTINUOUSLY METERED.

THE PERSON CODING THE PIPELINE INSPECTION MUST BE NASSCO PACP AND LACP CERTIFIED WITH A MINIMUM OF THREE YEARS OF FULL-TIME EXPERIENCE CODING DEFECTS USING THE NASSCO STANDARD. PACP AND LACP CERTIFICATION NUMBERS MUST BE PROVIDED TO MSDGC AND PROOF OF EXPERIENCE MUST BE DEMONSTRATED BY DOCUMENTATION SUCH AS A RESUME WITH REFERENCES.

ROBOTIC PACP/LACP & MANHOLE INSPECTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR:

1. CONDUCTING A FINAL MANHOLE-TO-MANHOLE (MH-MH), TELEVISIONING OF THE MAINLINE SEWER SECTION TO EVALUATE THE CONDITION OF THE SEWER AFTER ALL APPROPRIATE CLEANING, TRIMMING, GRINDING, AND FLUSHING HAS BEEN PERFORMED. IN THE EVENT AN INSPECTION CANNOT BE COMPLETED FROM ONE SET-UP DUE TO A STRUCTURAL OR MAINTENANCE DEFECT, THE INSPECTOR SHALL PERFORM A REVERSE INSPECTION FROM AN ADDITIONAL SET-UP THE SAME DAY. THE INSPECTOR SHALL SUBMIT TWO INSPECTION REPORTS AS THE FINAL INSPECTION. THIS FINAL TELEVISIONING SHALL BE IN PACP AND SHALL FOLLOW ALL PACP V 7.0 STANDARDS.

2. EMPLOYING VARIOUS FLOW CONTROL METHODS AS APPROPRIATE TO ENSURE VISIBILITY OF THE ENTIRE CIRCUMFERENCE OF THE SEWER.

3. CONDUCTING A FINAL TELEVISIONING OF EACH INDIVIDUAL BUILDING SEWER FROM THE MAIN SEWER LINE TO THE PUBLIC RIGHT OF WAY DESIGNATION OR SEWER EASEMENT LIMIT. UNLESS OTHERWISE DIRECTED BY MSD PERSONNEL, THE EASEMENT LIMIT SHOULD BE ASSUMED TO BE A MINIMUM OF 10’. THIS FINAL TELEVISIONING SHALL BE IN LACP AND SHALL FOLLOW ALL LACP V7.0 STANDARDS. IF A FULL MAINLINE TO RIGHT OF WAY OR EASEMENT INSPECTION IS UNABLE TO BE COMPLETED DUE TO AN OBSTRUCTION OF ANY SORT, SAID OBSTRUCTION MUST BE LOCATED AND REPORTED TO THE MSD PM IMMEDIATELY.

3 REQUIREMENTS OF PACP/LACP CCTV AND MANHOLE SEWER INSPECTIONS (CONT.)

4. ROBOTIC LACP INSPECTION SHALL BE DONE FROM THE MAIN SEWER OR AVAILABLE CLEANOUT OR ACCESS POINT. THE CONTRACTOR SHALL USE ROBOTIC TECHNOLOGY TO PUSH OR “LAUNCH” THE LATERAL CAMERA INTO THE BUILDING SEWER FROM THE MAINLINE. THE VAST MAJORITY OF BUILDING SEWERS ARE 6 INCHES IN DIAMETER AND ARE MADE OF VARIOUS MATERIALS. IF THE CONTRACTOR IS UNABLE TO PERFORM AN INSPECTION OF THE LATERAL DUE TO DEBRIS, ROOTS OR OTHER OBSTACLES IN THE BUILDING SEWER LATERAL, THEY SHALL CONTACT THE MSD PM FOR DIRECTION.

WALK THROUGH PACP/LACP INSPECTION (MANNED ENTRY)

THE CONTRACTOR SHALL BE RESPONSIBLE FOR:

1. THE OPERATOR ENTERING INTO LARGE DIAMETER SEWERS IN ORDER TO CONDUCT A FINAL MANHOLE-TO-MANHOLE (MH-MH) TELEVISIONING OF THE SEWER TO EVALUATE THE CONDITION OF THE SEWER AFTER ALL APPROPRIATE CLEANING, TRIMMING, GRINDING, AND FLUSHING HAS BEEN PERFORMED. THE FINAL TELEVISIONING SHALL BE IN PACP AND SHALL FOLLOW ALL PACP V7.0 STANDARDS. THE CONTRACTOR MAY UTILIZE ROBOTIC EQUIPMENT TO PERFORM A PACP INSPECTION IN PIPE SIZES GREATER THAN 60 INCHES AT THE DIRECTION/APPROVAL OF THE MSD PM.

2. ALL MAN ENTRY INTO THE SEWER WILL FOLLOW THE CONTRACTOR’S HEALTH AND SAFETY PLAN WITH REGARDS TO CONFINED SPACE ENTRY.

3. CONDUCTING A FINAL TELEVISIONING OF EACH INDIVIDUAL BUILDING SEWER FROM THE MAIN SEWER LINE TO THE PUBLIC RIGHT OF WAY DESIGNATION OR SEWER EASEMENT LIMIT. THIS FINAL TELEVISIONING SHALL BE IN LACP AND SHALL FOLLOW ALL LACP V7.0 STANDARDS. IF A FULL MAINLINE TO RIGHT OF WAY OR SEWER EASEMENT INSPECTION IS UNABLE TO BE COMPLETED DUE TO AN OBSTRUCTION OF ANY SORT, SAID OBSTRUCTION MUST BE REPORTED TO THE MSD PM IMMEDIATELY.

THE CONTRACTOR SHALL SUBMIT WORK IN THE FORMAT REQUIRED BY MSDGC AND SHALL FOLLOW GUIDELINES FROM THE MSDGC PROJECT PM. IN ORDER TO CONTINUE IMPROVING THE UPLOADING OF DATA AND SUBMITTALS, THE MSDGC PM MAY UPDATE THE REQUIREMENTS AT ANY TIME, BUT WILL GIVE THE CONTRACTOR SUFFICIENT ACCESS TO MSD’S PROGRAMS AS NEEDED.

SUBMITTAL OF WORK TO MSDGC

WORK COMPLETED AND SUBMITTED TO MSDGC SHALL FOLLOW THE SPECIFICATIONS DETAILED IN THE SUBSECTIONS BELOW.

REQUIREMENTS OF ALL PACP AND LACP CCTV SUBMITTALS AND MANHOLE INSPECTION SUBMITTALS

ALL SUBMITTALS OF PACP AND LACP INSPECTIONS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

1. EACH SUBMITTAL THE PACP/LACP DATABASE FILE AND ITS CORRESPONDING VIDEO FILES SHALL CONTAIN WORK FROM ONLY 1 (ONE) INSPECTOR AND ONLY 1 (ONE) CCTV WORK CATEGORY FROM THE LIST BELOW:

- a. SANITARY AND/OR COMBINED MAINLINE SEWER INSPECTIONS (PACP)
- b. SANITARY AND/OR COMBINED BUILDING SEWER INSPECTIONS (LACP)
- c. STORM MAINLINE SEWER INSPECTIONS (PACP)
- d. STORM BUILDING SEWER INSPECTIONS (LACP)

3 REQUIREMENTS OF PACP/LACP CCTV AND MANHOLE SEWER INSPECTIONS (CONT.)

2. EACH SUBMITTAL SHALL BE ASSIGNED A UNIQUE TRACKING IDENTIFIER.

a. IN THE EVENT THAT A SUBMITTAL IS REJECTED AS UNACCEPTABLE, THE MSD PM SHALL DIRECT THE CONTRACTOR WHETHER TO REUSE THE ORIGINAL OR TO ASSIGN A NEW TRACKING IDENTIFIER.

3. EACH SUBMITTAL SHALL INCLUDE INSPECTIONS FROM ONLY ONE CALENDAR MONTH.

4. EACH PACP VIDEO FILE MUST BE IN STANDARD *.MP4 FORMAT AND NAMED AS DESCRIBED BELOW:

a. [MONTH]_[DAY]_[YEAR]-[HOUR]_[MINUTE]_[AM/PM]-[INSPECTOR NAME]-[WORK ORDER NUMBER].MP4
b. E.G., “1_03_2012-11_23_AM-M LONGMIRE-411032.MP4”

5. EACH LACP VIDEO FILE MUST BE IN STANDARD *.MP4 FORMAT AND NAMED AS DESCRIBED BELOW:

a. [MONTH]_[DAY]_[YEAR]-[HOUR]_[MINUTE]_[AM/PM]-[INSPECTOR NAME]-[ADDRESS]_[STREET]-[WORK ORDER NUMBER].MP4
b. E.G., “1_02_2012-07_51_PM-E SCHNEIDER-842 SUNDERLAND DR-405623.MP4”

6. EACH MANHOLE INSPECTION SHALL FOLLOW THE FORMAT PROVIDED BY MSD UTILIZING THEIR MANHOLE INSPECTION FORM.

7. ALL PACP, LACP AND MANHOLE INSPECTIONS MUST BE SUBMITTED WITHIN FOURTEEN (14) CALENDAR DAYS OF THE DATE OF WORK.

8. IN THE CASE OF REJECTION OF A WHOLE OR ANY PART OF A SUBMITTAL, CONTRACTOR SHALL HAVE FOURTEEN (14) CALENDAR DAYS FROM THE DATE OF NOTIFICATION OF SAID REJECTION TO ADDRESS, CORRECT, AND/OR RE-PERFORM AND THEN RE-SUBMIT SAID WORK TO MSDGC.

SHEET NUMBER													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
									2	4	8	14	01/IMS/14						
									<div>3</div> 550				550	SPECIAL	20275711	550	FT	ROADWAY	2
									1,860				1,860	607	98000	1,860	FT	FENCE, MISC.: TEMPORARY CHAIN LINK	2
																		TRAFFIC CONTROL	
											9		9	621	00100	9	EACH	RPM	
											11		11	630	75000	11	EACH	SIGN ATTACHMENT ASSEMBLY	
											5		5	630	80228	5	EACH	SIGN, OVERHEAD EXTRUSHEET, INSTALL ONLY	
											5		5	630	87400	5	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	
											0.1		0.1	646	10010	0.1	MILE	EDGE LINE, 6"	
											0.15		0.15	646	10110	0.15	MILE	LANE LINE, 6"	
											52		52	646	10310	52	FT	CHANNELIZING LINE, 12"	
																		MAINTENANCE OF TRAFFIC	
										120			120	614	11110	120	HOURL	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
										4			4	614	18601	4	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	4
													LS	202	11203	LS		STRUCTURE REPAIR (BRIDGE No.: HAM-471-0000L) (SFN 3117359)	
																		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	13
												1,689	1,689	512	10100	1,689	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	13
												45	45	512	10600	45	FT	CONCRETE REPAIR BY EPOXY INJECTION	
												178	178	SPECIAL	51271500	178	SY	URETHANE TOP COAT SEALER	13
												30,100	30,100	514	00050	30,100	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	13
												30,100	30,100	514	00056	30,100	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	13
												39,300	39,300	514	00060	39,300	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	13
												39,300	39,300	514	00066	39,300	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	13
												37	37	514	00504	37	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
												12	12	514	10000	12	EACH	FINAL INSPECTION REPAIR	
												560	560	518	51201	560	FT	PIPE DOWNSPOUT, INCLUDING SPECIALS, AS PER PLAN, 6"	13
												4	4	519	11100	4	SF	PATCHING CONCRETE STRUCTURE	
												1,616	1,616	SPECIAL	51900100	1,616	SF	COMPOSITE FIBER WRAP SYSTEM	13
													LS	202	11203	LS		STRUCTURE REPAIR (BRIDGE No.: HAM-471-0000R) (SFN 3117367)	
																		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	13
												1,681	1,681	512	10100	1,681	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	13
												70	70	512	10600	70	FT	CONCRETE REPAIR BY EPOXY INJECTION	
												167	167	SPECIAL	51271500	167	SY	URETHANE TOP COAT SEALER	13
												40,900	40,900	514	00050	40,900	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	13
												40,900	40,900	514	00056	40,900	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	13
												40,900	40,900	514	00060	40,900	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	13
												40,900	40,900	514	00066	40,900	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	13
												49	49	514	00504	49	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
												12	12	514	10000	12	EACH	FINAL INSPECTION REPAIR	
												565	565	518	51201	565	FT	PIPE DOWNSPOUT, INCLUDING SPECIALS, AS PER PLAN, 6"	13
												1,500	1,500	SPECIAL	51900100	1,500	SF	COMPOSITE FIBER WRAP SYSTEM	13
													LS	614	11000	LS		INCIDENTALS	
													LS	623	10000	LS		MAINTAINING TRAFFIC	
													LS	624	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
																		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

CAM

REVIEWER

CSR 01/06/25

PROJECT ID

122951

SHEET

7

TOTAL

26

