

GENERAL

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

WATER:  
LAKE COUNTY DEPT OF UTILITIES  
WATER DIVISION  
105 MAIN STREET  
PAINESVILLE, OHIO 44077  
SARAH A. CEROVSKI  
440-350-2652

TELEPHONE:  
AT&T  
13630 LORAIN AVENUE, ROOM 200  
CLEVELAND, OHIO 44111  
JAMES JANIS  
216-476-6142

NATURAL GAS:  
DOMINION ENERGY OHIO  
1201 EAST 55TH STREET  
CLEVELAND, OHIO 44114  
216-736-6910  
216-736-6651 (AFTER HOURS)

STORM & SANITARY SEWERS:  
CITY OF WILLOUGHBY HILLS  
SERVICE DEPARTMENT  
35405 CHARDON RD  
WILLOUGHBY HILLS, OHIO 44094  
MARK GRUBISS  
440-343-2484

ELECTRIC:  
CEI FIRST ENERGY  
6896 MILLER RD, SUITE 101  
BRECKSVILLE, OHIO 44141  
JOHN M. ZASSICK  
440-546-8706

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

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 9:00 PM AND 7:30 AM M-SA OR 8:00 PM AND 10:00 AM SUNDAY. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

THE CONTRACTOR SHALL APPLY FOR A NOISE VARIANCE TO PERFORM NIGHT PAVING. IN THE EVENT A NOISE VARIANCE IS NOT GRANTED BY THE CITY, WORK SHALL COMMENCE DURING THE DAYTIME HOURS AT NO ADDITIONAL COSTS. ANY ADDITIONAL MOT COST WILL BE INCLUDED IN THE LINE ITEM FOR MOT, NO SEPARATE PAYMENT SHALL BE MADE.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL RECORD A VIDEO SURVEY OF ALL LANDSCAPING ITEMS WITHIN THE RIGHT OF WAY. A RECORD OF THIS VIDEO WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRUCT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. 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. 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.

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.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DETERMINED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER.

CONSTRUCTION NOTIFICATION

THE CONTRACTOR WILL ADVISE THE PROJECT ENGINEER A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO START OF CONSTRUCTION ACTIVITIES, LANE CLOSURE, AND ROAD CLOSURES. THE PROJECT ENGINEER WILL FORWARD THE INFORMATION TO THE CITY AND ANY OTHER LOCAL OFFICIALS RESPONSIBLE FOR PUBLIC NOTIFICATION.

STATIONING AND LOCATIONS

STATIONING AND LOCATIONS INDICATED ON THESE PLANS ARE APPROXIMATE. ALL LOCATIONS AND ITEMS CALLED OUT BY STATION ARE SUBJECT TO ADJUSTMENT IN THE FIELD AS DETERMINED BY THE ENGINEER.

GENERAL (CONT.)

STAGING AND STORAGE

EQUIPMENT AND MATERIALS SHALL NOT BE STAGED OR STORED WITHIN PUBLICLY OWNED PARK PROPERTY. ALL STAGING AND STORAGE AREAS OUTSIDE OF THE RIGHT-OF-WAY SHALL BE PRE-APPROVED BY THE PROPERTY OWNER.

ROADWAY

ITEM 623 - MONUMENT ASSEMBLY ADJUSTED TO GRADE, AS PER PLAN

THE MONUMENT BOX TO BE ADJUSTED MAY OR MAY NOT HAVE AN EXISTING ADJUSTABLE FRAME. THE WORK SHALL CONSIST OF ADJUSTING THE EXISTING MONUMENT BOX TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR IS REMINDED TO FIELD CHECK ALL ADJUSTMENT TO GRADE ITEMS PRIOR TO BIDDING, AS NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR LABOR AND MATERIALS REQUIRED TO SATISFACTORILY ADJUST CASTING WITHOUT ADJUSTABLE FRAMES.

ITEM SPECIAL - PRE-CONSTRUCTION VIDEOGRAPHY, AS PER PLAN

- THE CONTRACTOR SHALL PROVIDE A PRE-CONSTRUCTION VIDEO PRIOR TO THE DELIVERY OF ANY EQUIPMENT, MATERIAL OR SUPPLIES AS FOLLOWS:
- SCOPE: COLOR VIDEO & AUDIO DOCUMENTATION OF SURFACE FEATURES AND IMPROVEMENTS WITHIN PROJECT LIMITS AND STORAGE AREAS, INCLUDING ADJACENT AREA. PRIOR TO AUDIO-VIDEO TAPING OF THE PROJECT, ALL AREAS TO BE INVENTORIED SHALL BE INVESTIGATED VISUALLY WITH NOTATIONS MADE OF ITEMS NOT READILY VISIBLE BY TAPING METHODS.
  - PURPOSE: DOCUMENTATION OF EXISTING CONDITIONS PRIOR TO CONSTRUCTION FOR USE IN DETERMINING RESTORATION WORK AFTER CONSTRUCTION.
  - QUALIFICATIONS: MINIMUM TWO (2) YEARS OF AUDIO-VIDEO TAPING EXPERIENCE ON SIMILAR TYPE CONSTRUCTION PROJECTS FOR PUBLIC AGENCIES.
  - COVERAGE AREA: SHALL INCLUDE, BUT NOT LIMITED TO, ALL EXISTING DRIVEWAYS, SIDEWALKS, CURBS, STREETS, SIGNS, LANDSCAPING, TREES, CATCH BASINS, FENCES, VISIBLE UTILITIES, AND ALL BUILDINGS LOCATED WITHIN THE CONSTRUCTION ZONE OF INFLUENCE.
    - STREET - FULL WIDTH OF RIGHT-OF-WAY UNLESS NOTED OTHERWISE BY THE ENGINEER.
    - WORK AGREEMENT AREAS - ALL ADJACENT AREAS LYING WITHIN THE CONSTRUCTION ZONE OF INFLUENCE.
    - BUILDING EXTERIORS - ALL EXTERIOR SURFACES IDENTIFIED BY THE ENGINEER TO RECEIVE COVERAGE.
    - FRONT AND SIDE YARD AREAS - OF RESIDENTIAL HOMES WITHIN THE CONSTRUCTION ZONE OF INFLUENCE.
  - EQUIPMENT: CAMERA SHALL BE CAPABLE OF PROVIDING ACCEPTABLE RESOLUTION COLOR VIDEO, SUFFICIENT ZOOM, PAN AND TILT CAPABILITIES, VIDEO SIGNAL-TO-NOISE RATIO OF AT LEAST 40 DB, AND A HORIZONTAL RESOLUTION OF 270 LINES.
  - DELIVERABLE; CONTRACTOR SHALL PROVIDE TWO (2) COPIES ON CD OR DVD. THE DISKS SHALL BE LABELED WITH PROJECT NAME, LOCATION, AND DATE. THE AUDIO-VIDEO CONTENTS SHALL BE INVENTORIED BY RUN SEGMENT, IDENTIFIED BY LOCATION, ADDRESS, OR STATIONING.
  - ENTERING PROPERTY: PRIVATE PROPERTY SHALL NOT BE ENTERED WITHOUT PERMISSION OF THE PROPERTY OWNER.
  - OWNERSHIP OF DISKS: ALL DISKS AND THEIR CONTENTS SHALL BECOME PROPERTY OF THE CITY OF WILLOUGHBY HILLS.
  - SITE RECORDING CONDITIONS - ALL RECORDING SHALL BE DONE DURING GOOD AND CLEAR VISIBILITY. THE AVERAGE RATE OF SPEED DURING RECORDING SHALL BE APPROXIMATELY SIXTY (60) FEET PER MINUTE.

ITEM SPECIAL - PRE-CONSTRUCTION VIDEOGRAPHY, AS PER PLAN 1 LS

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE REPRESENTATIVES OF THE STATE AND THE CONTRACTOR ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. THE RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

FLEXIBLE START WINDOW CONTRACT

USE THE FOLLOWING TABLE AS REFERRED TO IN THE PROPOSAL:

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE	DISINCENTIVE \$ PER DAY	WORK WINDOW	
			START	END
ODOT ITEM 441 (PAVING ITEMS) & MOT DETOURS	60	PER C&MS 108.07	CONTRACT EXECUTION DATE	PROJECT COMPLETION DATE

PAVEMENT

ITEM 254 PAVEMENT PLANING. ASPHALT CONCRETE, AS PER PLAN, 3"

THE INTENT OF THE PLANING IS TO MILL DOWN 3 INCHES OF THE SURFACE ASPHALT CONTINGENT ON THE FOLLOWING: THE MAXIMUM CROSS SLOPE SHALL BE 0.02 WHILE THE MINIMUM CROSS SLOPE SHALL BE 0.01. THE PREFERRED CROSS SLOPE IS 0.016.

THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO ALL CATCH BASINS AND INLETS.

THE PROGRESSION OF THE PLANING SHALL PROCEED IN SUCH A MANNER THAT NORMAL TRAFFIC WILL NOT BE REQUIRED TO RUN OVER THE PLANED ROADWAY SURFACE MORE THAN FOURTEEN (14) CALENDAR DAYS. SEE C&MS 108.07 FOR \$/DAY PLANED SURFACE DISINCENTIVE.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT PLANING, ASPHALT CONCRETE. PAYMENT WILL BE MADE AT THE UNIT BID PRICE PER SQUARE YARD OF ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN.

BUTT JOINT

BUTT JOINTS SHALL NOT BE CUT AND LEFT OPEN TO TRAFFIC. THEY SHALL BE FILLED IN WITH A TEMPORARY ASPHALT CONCRETE WEDGE PAID FOR UNDER ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN, LUMP SUM.

CONSTRUCTION "BUMP" (W8-1-36) AND ADVISORY SPEED (W13-1-24) SIGNS SHALL BE ERECTED AND MAINTAINED DURING THE PERIOD THE BUTT JOINT IS LEFT OPEN. THESE SIGNS SHALL BE PAID FOR UNDER THE LUMP SUM ITEM FOR ITEM 614 MAINTAINING TRAFFIC.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING PAVEMENT 3" DEEP, WHICH MAY BE ASPHALT, CONCRETE, OR A COMBINATION OF EACH, IN AREAS OF EXISTING PAVEMENT FAILURE, AS DETERMINED BY THE ENGINEER.

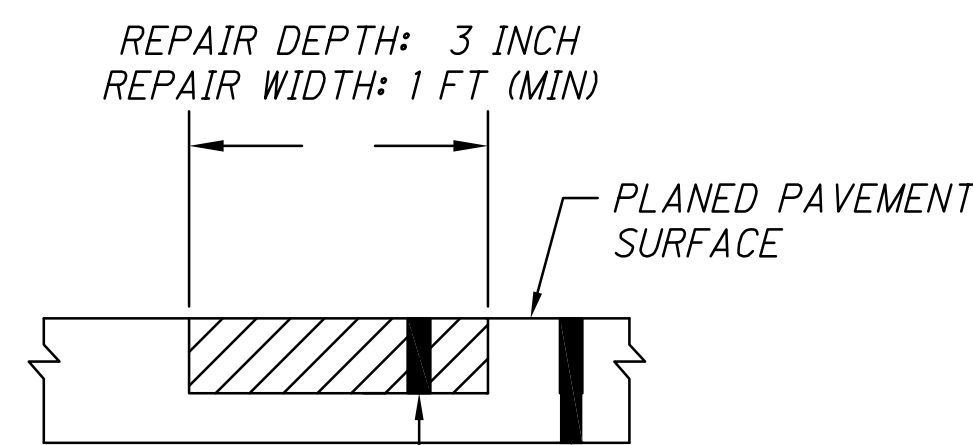
PAVEMENT REPAIR SHALL BE PERFORMED AFTER PAVEMENT PLANING AND BEFORE PLACEMENT OF THE INTERMEDIATE AND/OR SURFACE COURSE. THE CONTRACTOR SHALL BE CAPABLE OF PERFORMING PAVEMENT REPAIRS TO A MINIMUM OF 1 FOOT WIDE.

REPLACEMENT MATERIAL SHALL BE ITEM 441 TYPE 2 MATERIAL AND SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIRS. PAYMENT WILL BE MADE AT THE UNIT BID PRICE PER SQUARE YARD OF ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR. THE FOLLOWING ESTIMATED QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO BE USED AT LOCATIONS DETERMINED BY THE ENGINEER:

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR, AS PER PLAN 1500 SY

ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR, AS PER PLAN



ITEM 441 TYPE 2 REPLACEMENT MATERIAL PLACED & COMPACTED TO FINISH FLUSH W/ ADJACENT PAVEMENT SURFACE

EXISTING PAVEMENT, DEPTH VARIES (ASPHALT, CONCRETE, OR COMBINATION)

CALCULATED  
KMT  
CHECKED

GENERAL NOTES

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MAINTENANCE OF TRAFFIC

ITEM 614 - MAINTAINING TRAFFIC, AS PER PLAN

BEFORE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF A PERSON OR PERSONS WHO CAN BE CONTACTED 24 HOURS A DAY BY THE ENGINEER AND ALL INTERESTED POLICING AGENCIES. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IMMEDIATELY.

THE CONTRACTOR SHALL ALSO ARRANGE HIS OPERATIONS SO AS TO PREVENT ANY INTERFERENCE TO THE CONTINUOUS FLOW OF TRAFFIC. ALL VEHICLES, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIME TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE APPROVED BY THE PROJECT ENGINEER.

THE CONTRACTOR SHALL DIVERT TRAFFIC FROM NORMAL CHANNELS BY PLASTIC DRUMS, FLASHING ARROW PANELS COMPLYING WITH SUPPLEMENTAL SPECIFICATION 821, TRAFFIC SIGNS AND WORK ZONE PAVEMENT MARKINGS.

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS, SUCH AS TYPE III BARRICADES, LIGHTING, FLAGGERS, AND SUCH OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN ITEM 614, MAINTAINING TRAFFIC, SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE ROADWAY DURING CONSTRUCTION.

BY THE END OF EACH DAY OF WORK, THE CONTRACTOR SHALL REPLACE (WITH WORK ZONE MARKINGS) ALL LANE LINES, CENTERLINES, EDGE LINES, STOP LINES, AND CHANNELIZING LINES. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

PLANED SURFACE:

ITEM 614 - WORK ZONE EDGE LINE, CLASS I, 4"	3.83 MILE
ITEM 614 - WORK ZONE CENTERLINE, CLASS I	1.84 MILE
ITEM 614 - WORK ZONE STOP LINE, CLASS I	109 FT
ITEM 614 - WORK ZONE LANE LINE, CLASS I, 4"	0.09 MILE
ITEM 614 - WORK ZONE CHANNELIZING LINE, CLASS I, 8"	344 FT

INTERMEDIATE COURSE:

ITEM 614 - WORK ZONE EDGE LINE, CLASS I, 4"	3.83 MILE
ITEM 614 - WORK ZONE CENTERLINE, CLASS I	1.84 MILE
ITEM 614 - WORK ZONE STOP LINE, CLASS I	109 FT
ITEM 614 - WORK ZONE LANE LINE, CLASS I, 4"	0.09 MILE
ITEM 614 - WORK ZONE CHANNELIZING LINE, CLASS I, 8"	344 FT

SURFACE COURSE:

ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT	3.83 MILE
ITEM 614 - WORK ZONE CENTERLINE, CLASS III, 642 PAINT	1.84 MILE
ITEM 614 - WORK ZONE STOP LINE, CLASS III, 642 PAINT	109 FT
ITEM 614 - WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT	0.09 MILE
ITEM 614 - WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	344 FT

ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	20 CY
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ALL DETOUR SIGNAGE, ADDITIONAL WORK ZONE PAVEMENT MARKINGS, AND ADDITIONAL ASPHALT FOR MAINTAINING TRAFFIC SHALL BE INCLUDED IN THE LUMP SUM BID FOR MAINTAINING TRAFFIC.

EXISTING TRAFFIC CONTROL DEVICES (SIGNS AND/OR TRAFFIC SIGNALS), LOCATED WITHIN THE WORK AREA, WHICH ARE REQUIRED FOR INTERIM OR PERMANENT TRAFFIC CONTROL, SHALL BE RELOCATED TO POINTS APPROVED BY THE ENGINEER. APPROPRIATE TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED, IN COMPLIANCE WITH THE MANUAL, AT ALL TIMES WHILE TRAFFIC IS MAINTAINED. THE COST OF RELOCATION, IF REQUIRED, SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 - MAINTAINING TRAFFIC, AS PER PLAN.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT, IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 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.

A MINIMUM OF 1 LANE OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON TWO LANE ROADWAYS BY USE OF THE EXISTING PAVEMENT. A MINIMUM OF 1 LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON FOUR LANE ROADWAYS BY USE OF THE EXISTING PAVEMENT. PART WIDTH CONSTRUCTION SHALL BE USED TO FACILITATE MAINTAINING TWO WAY TRAFFIC ON INTERSECTING STREETS. EXISTING SIGNS OR CONTRACTOR SUPPLIED SIGNS SHALL BE USED TO MAINTAIN TRAFFIC DURING CONSTRUCTION.

THE CONTRACTOR SHALL MAINTAIN SAFE AND SATISFACTORY ACCESS TO ABUTTING PROPERTY AND ADJACENT STREETS. THE CONTRACTOR SHALL MAINTAIN ADEQUATE PEDESTRIAN WALKS AT ALL INTERSECTIONS. ALL CONFLICTING SIGNS AND PAVEMENT MARKINGS, WHETHER INSIDE OR OUTSIDE THE WORK LIMITS, SHALL BE COVERED OR REMOVED. WHERE APPLICABLE, AND WHEN DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL PLACE TEMPORARY SIGNS OR TEMPORARY PAVEMENT MARKING AT THESE LOCATIONS.

MAINTENANCE OF TRAFFIC (CONT.)

SCHOOLS, POST OFFICE, & REFUSE COLLECTION:

THE CONTRACTOR IS REQUIRED TO NOTIFY AND COORDINATE WITH THE WILLOUGHBY EASTLAKE SCHOOL DISTRICT, US POSTAL SERVICE, AND REPUBLIC SERVICES FOR APPROPRIATE ACCESS AND STUDENT SAFETY CONSIDERATION DURING THE VARIOUS MOT PHASES.

BUSINESS OWNERS:

THE CONTRACTOR SHALL WORK WITH THE LOCAL BUSINESS OWNERS TO ENSURE ACCESS TO ALL PROPERTIES AT ALL TIMES. HOWEVER, SOME INCONVENIENCES WILL OCCUR. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE COORDINATION OF OR PROVIDING ACCESS TO THE BUSINESSES.

ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE LATEST EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), A UNIFORMED LAW ENFORCEMENT OFFICER (AND OFFICIAL PATROL CAR WITH MOUNTED EMERGENCY FLASHING LIGHTS) SHALL BE PROVIDED FOR CONTROLLING TRAFFIC FOR THE FOLLOWING TASKS AS DETERMINED BY THE ENGINEER:

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED.

DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

LAW ENFORCEMENT OFFICERS (LEO'S) SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED. THE LEO'S ARE CONSIDERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR ACTIONS. ALTHOUGH THEY ARE EMPLOYED BY THE CONTRACTOR, THE PROJECT ENGINEER SHALL HAVE CONTROL OVER THEIR PLACEMENT. THE OFFICIAL PATROL CAR SHALL BE A PUBLIC SAFETY VEHICLE AS REQUIRED BY THE OHIO REVISED CODE. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEO'S SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THESE SERVICES WITH THE LAW ENFORCEMENT AGENCY LISTED BELOW:

THE CITY OF WILLOUGHBY HILLS POLICE DEPT.  
35405 CHARDON ROAD  
WILLOUGHBY HILLS, OHIO 44094  
PHONE: (440) 942-9111  
EMAIL: POLICE@WILLOUGHBYHILLS-OH.GOV

LAW ENFORCEMENT OFFICERS WITH PATROL CAR REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

THE HOURS SHALL INCLUDE MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ITEM 614 - LAW ENFORCEMENT OFFICER WITH PATROL CAR, AS PER PLAN	150 HR
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DRIVEWAY ACCESS

THE CONTRACTOR SHALL MAKE AVAILABLE DURING CONSTRUCTION, STEEL PLATES, BRIDGES, OR OTHER MEANS APPROVED BY THE ENGINEER TO PROVIDE FULL TIME (TWENTY-FOUR [24] HOURS, SEVEN [7] DAYS A WEEK) ACCESS TO DRIVEWAYS THAT REQUIRE IT.

ACROSS FROM EACH DRIVE WITHIN THE DETOURS SHOWN ON SHEET 8, A ONE WAY SIGN SHALL BE ERECTED. WHEN THE DETOUR IS NOT IN EFFECT, THE SIGNS SHALL BE COVERED. PAYMENT FOR THESE SIGNS, COVERING AND UNCOVERING OF THE SIGNS, SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL AT THE PRE-CONSTRUCTION MEETING, HIS PROPOSAL FOR PROVIDING ACCESS TO THE DRIVEWAYS. THE PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO MAINTAIN DRIVEWAY ACCESS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

NOTIFICATION

THE CONTRACTOR SHALL NOTIFY IN WRITING THE FOLLOWING AGENCIES AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION, AND AT LEAST 72 HOURS BEFORE IMPLEMENTING ANY SUBSTANTIAL CHANGE IN TRAFFIC PATTERN OR CLOSING ANY STREET TO TRAFFIC.

WILLOUGHBY HILLS POLICE DEPT.	440-942-9111
WILLOUGHBY HILLS FIRE DEPT.	440-942-7207
WILLOUGHBY EASTLAKE SCHOOL DIST.	440-283-4120
REPUBLIC SERVICES	216-441-6300

MAINTENANCE OF TRAFFIC (CONT.)

REPLACEMENT SIGNS

FLAT SHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS, AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE USED, BUT MUST BE IN GOOD CONDITION SUBJECT TO THE APPROVAL OF THE ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC.

PHASED CONSTRUCTION

THE PROJECT HAS BEEN SEPARATED INTO THE FOLLOWING MOT PHASES:

- PHASE 1: EAST BOUND LANES OF TRAFFIC CLOSED BETWEEN BISHOP RD (SR-84) & ROCKEFELLER RD.
- PHASE 2: EAST BOUND LANES OF TRAFFIC CLOSED BETWEEN ROCKEFELLER RD & SOM CENTER RD (SR-91)

EQUIPMENT AND MATERIAL STORAGE

IN ORDER TO PROVIDE FOR THE SAFETY OF THE TRAVELING PUBLIC, THE CONTRACTOR'S ATTENTION IS DIRECTED TO ITEM 614.03. IN ADDITION, THE FOLLOWING PROVISIONS SHALL APPLY:

1. ANY REMOVED ITEMS SHALL NOT BE STORED ON THE RIGHT OF WAY FOR MORE THAN THIRTY (30) DAYS.
2. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO ODOT.

IN ORDER TO PREVENT DAMAGE TO PAVEMENT, CURBS, ETC., NO MATERIALS (GRAVEL, SOIL, ETC.) SHALL BE STORED OR STAGED ON THE PAVEMENT. MATERIALS SHALL BE TRANSFERRED DIRECTLY FROM TRUCK TO EXCAVATION OR EXCAVATION TO TRUCK.

COVERING OF SIGNS

ANY EXISTING SIGNS THAT ARE IN CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC PLANS SHALL BE COVERED. THE CONTRACTOR SHALL DO SO IN SUCH A MANNER AS TO AVOID DAMAGING THE PERMANENT SIGN WHEN THE COVER IS REMOVED. THE COVER SHALL BE TOTALLY OPAQUE. THE USE OF ADHESIVE TAPE APPLIED DIRECTLY TO ANY EXISTING OR NEW SIGN FACE IS STRICTLY PROHIBITED. ANY SIGNS DAMAGED BY THE NEGLIGENCE OF THE CONTRACTOR, WHEN DETERMINED BY THE ENGINEER, SHALL BE REPLACED BY AND AT THE EXPENSE OF THE CONTRACTOR.

HOLIDAY TRAFFIC LIMITATION

NO WORK SHALL BE PERFORMED, AND ALL EXISTING LANES WHICH ARE NOT INSIDE A DESIGNATED WORK ZONE SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

- NEW YEARS DAY (JANUARY 1)
- MARTIN LUTHER KING DAY (THIRD MONDAY IN JANUARY)
- EASTER SUNDAY (DATE VARIES)
- MEMORIAL DAY (LAST MONDAY IN MAY)
- INDEPENDENCE DAY (JULY 4)
- LABOR DAY (FIRST MONDAY IN SEPTEMBER)
- THANKSGIVING DAY (FOURTH THURSDAY IN NOVEMBER)
- CHRISTMAS DAY (DECEMBER 25)

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED LIQUIDATED DAMAGES IN ACCORDANCE WITH 108.07

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MAINTENANCE OF TRAFFIC GENERAL NOTES

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