

## UTILITY OWNERSHIP

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

ELECTRIC	DUKE ENERGY 2010 DANA AVENUE CINCINNATI, OHIO 45207 ATTN: KEVIN GRAY 513-458-3845	CABLE TV	CHARTER COMMUNICATION 11252 CORNELL PARK DRIVE CINCINNATI, OHIO 45242 ATTN: JIM O'REILLY 513-386-5483
GAS	DUKE ENERGY 139 E. 4TH STREET P.O. BOX 960, RM. 460 CINCINNATI, OHIO 45273 ATTN: KIRK DUBE 513-508-5883	TELEPHONE	CINCINNATI BELL 221 E. 4TH STREET BUILDING 121-900 CINCINNATI, OHIO 45201 ATTN: RICHARD RAYLE 513-397-9071
STREETS, STORM, & WATER	CITY OF LOVELAND 120 W. LOVELAND AVENUE LOVELAND, OHIO 45140 ATTN: CINDY KLOPFENSTEIN 513-683-0150	SANITARY	MSD OF GREATER CINCINNATI 1600 GUEST STREET CINCINNATI, OHIO 45204 ATTN: ROBERT FRANKLIN 513-557-7188

OHIO UTILITIES PROTECTION SERVICE  
2 WORKING DAYS BEFORE YOU DIG  
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## UTILITY INTERFERENCE

IF, DURING THE CONSTRUCTION, INTERFERENCE ARISES WITH EXISTING UTILITIES IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE UTILITY COMPANY INVOLVED. ANY AND ALL WORK REQUIRED FOR PUBLIC OR PRIVATE UTILITIES WILL BE DONE BY AND AT THE EXPENSE OF THEIR RESPECTIVE OWNERS, UNLESS OTHERWISE NOTED ON THESE PLANS. THE CONTRACTOR SHALL NOTIFY, AT LEAST 7 DAYS BEFORE BREAKING GROUND, ALL PUBLIC SERVICE CORPORATIONS HAVING WIRES, POLES, PIPES, CONDUITS, MANHOLES, OR OTHER STRUCTURES THAT MAY BE AFFECTED BY THIS OPERATION, INCLUDING ALL STRUCTURES WHICH ARE AFFECTED AND NOT SHOWN ON THESE PLANS. THERE WILL BE NO DELAYS ALLOWED FOR UTILITY INTERFERENCES.

## CONCURRENT ACTIVITY

THE CONTRACTOR IS HEREBY ADVISED THAT ALL UTILITY COMPANIES AFFECTED BY THIS PROJECT MAY BE WORKING CONCURRENTLY WITHIN THE PROJECT LIMITS.

## CONSTRUCTION NOTIFICATION

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 SHALL 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 > 12 HOURS & < 2 WEEKS < 12 HOURS	21 CALENDAR DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO CLOSURE 4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE 5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

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

## WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

## MUD

THE TRACKING OR SPILLAGE OF MUD, DIRT, OR DEBRIS UPON CITY STREETS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR.

## SAFETY

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK.

## NONRUBBER TIRE VEHICLES

NO NONRUBBER TIRE VEHICLES SHALL BE MOVED ON CITY STREETS. EXCEPTIONS MAY BE GRANTED BY THE CITY WHERE SHORT DISTANCES AND SPECIAL CIRCUMSTANCES ARE INVOLVED. GRANTING OF EXCEPTIONS MUST BE IN WRITING AND ANY RESULTING DAMAGE MUST BE REPAIRED TO THE SATISFACTION OF THE CITY. THE CONTRACTOR SHALL USE EXTREME CARE WHEN OPERATING NONRUBBER TIRE VEHICLES ON STREETS OR DRIVEWAYS TO AVOID MARKING OR DAMAGING THE PAVEMENT. PROTECTION OF THE PAVEMENT FROM DAMAGE RESULTING FROM THE TRACKS OF NONRUBBER TIRE VEHICLES UTILIZED IN TRENCH EXCAVATION SHALL BE REQUIRED. A WOOD PLANK SYSTEM, USED TIRES, RUBBER MATS, OR OTHER MEANS AS APPROVED BY THE CITY'S REPRESENTATIVE SHALL BE USED TO PROTECT THE PAVEMENT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ITEMS OF THE CONTRACT.

## CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY 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 AT THE ENGINEER'S DIRECTION SHALL BE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THE PROJECT.

## QUANTITIES

THE PLAN QUANTITIES LISTED IN THE GENERAL SUMMARY ARE ESTIMATED QUANTITIES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING SUFFICIENT MATERIAL. THE STATE SHALL NOT BE RESPONSIBLE FOR ANY EXCESS MATERIAL THAT WAS ORDERED, BUT NOT USED ON THE PROJECT WITHIN THE GUIDELINES OF THE PLAN NOTES AS WELL AS THE PROPOSAL NOTES.

## EXISTING FACILITIES

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM HIS WORK IN SUCH MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FACILITY. IF ANY DAMAGE TO ANY EXISTING FACILITY OCCURS DUE TO CONTRACTOR'S OPERATIONS, HE SHALL REPLACE THE DAMAGED FACILITY AT HIS EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.

## PERMANENT PAVEMENT MARKINGS

THE CONTRACTOR SHALL REFERENCE ALL PAVEMENT MARKINGS INCLUDING AUXILIARY PAVEMENT MARKINGS BEFORE THE START OF THE PLANING OPERATION. THIS WILL BE NECESSARY TO ASSURE CORRECT PLACEMENT OF MARKINGS IN ORIGINAL LOCATIONS. PAY FOR THIS OPERATION SHALL BE INCLUDED WITH EACH RESPECTIVE PAVEMENT MARKING ITEM.

## ITEM 254, PAVEMENT PLANING

THE PAVEMENT PLANING SHALL BE SCHEDULED SO AS TO BE COVERED BY THE SURFACE COURSE WITHIN 5 CALENDAR DAYS. THE COST OF THE ABOVE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE ITEM. A DISINCENTIVE IN THE AMOUNT OF \$6,600 SHALL BE ASSESSED FOR EACH DAY, OR PORTION THEREOF, A PLANED SURFACE IS OPEN TO TRAFFIC BEYOND THE SPECIFIED TIME LIMIT.

## ITEM 608 CURB RAMP, AS PER PLAN

THIS PAY ITEM SHALL INCLUDE REPLACING BRICK CURB RAMPS UTILIZING THE SAME PAVER TYPE AS THE EXISTING CURB RAMP. FOR BRICK CURB RAMPS, THE CONTRACTOR MUST MATCH THE STYLE AND PAVEMENT COMPOSITION OF THE SURROUNDING STREETSCAPE BRICK AND CONSTRUCT THE REST PER THE DETAIL SHOWN ON SHEET 4. PAYMENT FOR ITEM 608 CURB RAMP, AS PER PLAN SHALL BE AT THE SQUARE FOOT BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

## ITEM 614 WORK ZONE PAVEMENT MARKINGS

WORK ZONE PAVEMENT MARKINGS SHALL BE PLACED AFTER THE PLANING OPERATION, AND AFTER THE SURFACE COURSE APPLICATION UNLESS THE PERMANENT MARKINGS ARE INSTALLED. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR THE ABOVE WORK:

QUANTITIES FOR AFTER THE PLANING OPERATION:

ITEM 614 -	0.80	MILE	WORK ZONE CENTER LINE, CLASS I
ITEM 614 -	0.28	MILE	WORK ZONE EDGE LINE, CLASS I
ITEM 614 -	452	FT.	WORK ZONE CHANNELIZING LINE, CLASS I
ITEM 614 -	222	FT.	WORK ZONE STOP LINE, CLASS I
ITEM 614 -	345	FT.	WORK ZONE CROSSWALK LINE, CLASS I
ITEM 614 -	13	EACH	WORK ZONE ARROW, CLASS I
ITEM 614 -	1	EACH	WORK ZONE WORD ON PAVEMENT, 72", CLASS I
ITEM 614 -	2	EACH	WORK ZONE RAILROAD SYMBOL MARKING, CLASS I
ITEM 614 -	251	FT.	WORK ZONE DOTTED LINE, CLASS I

QUANTITIES FOR AFTER SURFACE COURSE APPLICATION UNLESS THE PERMANENT MARKINGS ARE INSTALLED:

ITEM 614 -	0.80	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT
ITEM 614 -	0.28	MILE	WORK ZONE EDGE LINE, CLASS III, 642 PAINT
ITEM 614 -	452	FT.	WORK ZONE CHANNELIZING LINE, CLASS III, 642 PAINT
ITEM 614 -	222	FT.	WORK ZONE STOP LINE, CLASS III, 642 PAINT
ITEM 614 -	345	FT.	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT
ITEM 614 -	13	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT
ITEM 614 -	1	EACH	WORK ZONE WORD ON PAVEMENT, 72", CLASS III, 642 PAINT
ITEM 614 -	2	EACH	WORK ZONE RAILROAD SYMBOL MARKING, CLASS III, 642 PAINT
ITEM 614 -	251	FT.	WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT

## ITEM 614 MAINTAINING TRAFFIC

IT IS THE INTENTION OF THESE PLANS TO PERFORM THE REQUIRED WORK WITH THE LEAST INCONVENIENCE TO AND THE MAXIMUM SAFETY OF, THE CONTRACTOR AND THE TRAVELING PUBLIC. THE REQUIREMENTS FOR MAINTAINING TRAFFIC SHALL BE AS INDICATED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, THE PROPOSAL, THE SPECIFICATIONS, AND THE PLANS. ANY VARIANCE FROM THESE REQUIREMENTS SHALL BE APPROVED BY THE DIRECTOR IN WRITING.

A. BEFORE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF PERSONS WHO CAN BE CONTACTED 24 HOURS A DAY BY THE OHIO DEPARTMENT OF TRANSPORTATION AND ALL INTERESTED POLICE AGENCIES. THESE PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES TO MAINTAIN THE TRAVELED PAVEMENT SAFELY.

B. TRAFFIC SHALL BE MAINTAINED AT ALL INTERSECTIONS AND DRIVES AT ALL TIMES AND SHALL BE CONTROLLED WITH FLAGGERS AND TRAFFIC CONTROL DEVICES AS REQUIRED AND SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.

C. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE-HALF OF THE EXISTING TRAVELED PAVEMENT WIDTH AT ALL TIMES, EXCEPT WHERE SPECIFIED FOR PAVING OPERATIONS, OR AS DIRECTED BY THE PROJECT ENGINEER.

D. DURING NONWORKING HOURS, TRAFFIC SHALL BE RESTORED TO THE FULL WIDTH OF EXISTING PAVEMENT.

E. PAYMENT FOR ALL THE ABOVE WORK SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

F. ALL LANES OF TRAFFIC SHALL BE MAINTAINED DURING THE FOLLOWING TIMES:

LANE VALUE CONTRACT TABLE			
DESCRIPTION OF CRITICAL LANE/RAMP TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
ALL LANES OPEN TO TRAFFIC	6:00AM-7:00PM	EACH MINUTE	\$110

WINDOW CONTRACT TABLE				
DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE	DISINCENTIVE \$ PER DAY	WORK WINDOW	
			START	END
ALL 442 SURFACE COURSE WORK	30	\$6,600 PER DAY	BEGINNING OF PAVEMENT REPAIRS	8/1/2021
ALL WORK ON PROJECT (INCLUDING WORK LISTED ABOVE)	90	PER C&MS 108.07	5/15/2021	8/15/2021

CALCULATED  
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GENERAL NOTES

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