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GENERAL NOTES

UTILITIES

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

AT&T
13630 LORAIN ROAD
CLEVELAND, OH 44111
ATTN: SCOTT KLEBE
216-476-6057

CHARTER COMMUNICATIONS
7 SEVERANCE CIRCLE
CLEVELAND HEIGHTS, OH 44118
ATTN: JOSH CURTIS, PAT SANTOIEMMO

CROWN CASTLE
15565 NEO PARKWAY
GARFIELD HEIGHTS, OH 44128
ATTN: JON TARNOWSKI
614-940-2462

CWD CLEVELAND WATER
1201 LAKESIDE AVENUE
CLEVELAND, OH 44114
ATTN: FRED ROBERTS
216-664-2444 X 75556

DOMINION ENERGY
320 SPRINGSIDE DRIVE, SUITE 320
AKRON, OH 44333
ATTN: BRYAN DAYTON, EVAN DEMPSEY
330-664-2409

EVERSTREAM SOLUTIONS
1228 EUCLID AVENUE, SUITE 250
CLEVELAND, OH 44115
ATTN: ROBERT WOOD
440-728-0542

FIRST ENERGY - CEI
6896 MILLER ROAD, SUITE 101
BRECKSVILLE, OH 44141
ATTN: TED RADER, JOHN ZASSICK
440-546-8738

LEVEL 3, CENTURY LINK
100 S. CINCINNATI AVENUE, SUITE 1200
TULSA, OK 74103
ATTN: KENDALL WILLIAMS - ZETINA
918-547-0547

NORTHEAST OHIO REGIONAL SEWER DISTRICT
3900 EUCLID AVENUE
CLEVELAND, OH 44115
ATTN: MARY MACIEJOWSKI
216-881-6600 X 6466

SUNOCO PIPELINES
524 FRITZTOWN ROAD
SINKING SPRINGS, PA 19608
ATTN: DEB SCHNECK
610-670-3258

MCI - WORLDCOM
120 RAVINE STREET
AKRON, OH 44303
ATTN: AL GUEST
330-253-8267

VILLAGE OF VALLEY VIEW
7979 HUB PARKWAY
VALLEY VIEW, 44125
ATTN: PAUL DEY
216-642-1130 X 104

CITY OF INDEPENDENCE
6800 BRECKSVILLE ROAD
INDEPENDENCE, OH 44131
ATTN: DONALD J. RAMM
216-524-1374

WIDE OPEN WEST (WOW)
105 BLAZE INDUSTRIAL PARKWAY
BEREA, OH 44017
ATTN: LARRY BURRUEL
410-915-9256

WINDSTREAM
205 S. HAMBDEN STREET
CHARDON, OH 44024
ATTN: THOMAS KULKA
440-285-5528

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 OF THE ORC.

CALL OHIO811 TWO (2) WORKING DAYS BEFORE YOU DIG
TOLL FREE NO. 1-800-362-2764 OR 811

NON-MEMBERS MUST BE CALLED DIRECTLY

DOMINION ENERGY OHIO

IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE LATERAL AND SUBJACENT SUPPORT OF DOMINION ENERGY'S PIPLINE(S), IN COMPLIANCE TO 29 CFR, PART 1926, SUBPART P, (SAFE EXCAVATION & SHORING). ONE-FOOT MINIMUM VERTICAL AND HORIZONTAL CLEARANCE MUST BE MAINTAINED BETWEEN DOMINION ENERGY OHIO'S (DEO) EXISTING PIPLINE(S) AND ALL OTHER IMPROVEMENTS. EXTREME CARE SHOULD BE TAKEN NOT TO HARM ANY DEO FACILITY (PIPELINES, ETC.) OR APPURTENANCE (PIPE COATING, TRACER WIRE, CATHODIC PROTECTION TEST STATION WIRES & DEVICES, VALVE BOXES, ETC.). DEO FACILITIES MUST BE PROTECTED WITH A TARP DURING BRIDGE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE AND LIABLE FOR ENSURING THAT ALL DEO EXISTING FACILITIES, ABOVE AND BELOW GROUND, REMAIN UNDAMAGED, ACCESSIBLE AND IN WORKING ORDER. THE CROSSING OF DEO'S PIPELINE WITH ANOTHER STEEL FACILITY MAY CREATE A POTENTIAL CORROSION ISSUE FOR THE PROPOSED FACILITY AND THE EXISTING DEO FACILITY. PLEASE CONTACT DOMINION ENERGY OHIO'S CORROSION DEPARTMENT: DAVE CUTLIP (330-266-2121), RICK MCDONALD (330-266-2122), OR AL HUMRICHOUSER (330-478-3757).

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 SUBSIDIARY AGREEMENT GOVERNING COMPLETION OF THIS PROJECT.

ELEVATION DATUM AND SURVEYING PARAMETERS

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

HORIZONTAL COORDINATES ARE TO BE PROJECT GROUND COORDINATES EXPRESSED IN U.S. SURVEY FEET BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE AND REFERENCE THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND THE 2011 CORS ADJUSTMENT. THE COMBINED SCALE FACTOR IS TO BE INCLUDED WITH THE PROJECT CONTROL INFORMATION FOR THE PROJECT.

VERTICAL CONTROL IS TO BE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

VERTICAL POSITIONING	
ORTHOMETRIC HEIGHT DATUM:	NAVD 88
GEOID:	G12B

HORIZONTAL POSITIONING	
REFERENCE FRAME:	NAD 83 (CONUS)(MOL)
ELLIPSOID:	GRS 80
MAP PROJECTION:	LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM:	OHIO STATE PLANE - NORTH ZONE
COMBINED SCALE FACTOR:	1.0000744100 (GRID TO GROUND)
ORIGIN OF SYSTEM:	(0,0)

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION, AND OPERATION (INCLUDING ERECTION, MAINTENANCE AND REMOVAL) OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS, EXCEPT WHERE OTHERWISE NOTED, SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

EXISTING TYPICAL SECTIONS

EXISTING TYPICAL SECTIONS HAVE BEEN DEVELOPED FROM SITE MEASUREMENTS, PAVEMENT CORES AND RECORD PLANS AND ARE BELIEVED TO REPRESENT THE WIDTH AND COMPOSITION OF THE EXISTING PAVEMENT, BUT THE COUNTY DOES NOT GUARANTEE THE ACCURACY OF SAME.

ITEM 619 - FIELD OFFICE, TYPE C, AS PER PLAN

THE FIELD OFFICE SHALL, IN ADDITION TO THE ITEMS LISTED IN ITEM 619, BE FURNISHED WITH TWO CELLULAR TELEPHONES.

THE CONTRACTOR'S INSURANCE SHALL INCLUDE A RIDER FOR COVERAGE OVER ANY CUYAHOGA COUNTY PROPERTY INSIDE THE FIELD OFFICE WHICH MAY BECOME DAMAGED OR STOLEN.

THE FOLLOWING QUANTITY HAS BEEN PROVIDED IN THE GENERAL SUMMARY FOR THIS ITEM:

ITEM 619 - FIELD OFFICE, TYPE C, AS PER PLAN 24 MNTH

LOCAL LAWS, ORDINANCES AND REGULATIONS

IN ACCORDANCE WITH SECTION 107.01 OF THE GENERAL PROVISIONS, THE CONTRACTOR SHALL STAY FULLY INFORMED OF ALL LOCAL LAWS, ORDINANCES, REGULATIONS, ORDERS AND DECREES THAT AFFECT THE WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBSERVE AND COMPLY WITH ALL SUCH LAWS, ORDINANCES, REGULATIONS, ORDERS AND DECREES AT NO ADDITIONAL COST TO THE PROJECT/COUNTY.

ADJUSTMENTS IN CONTRACT TIME

TIME EXTENSIONS WILL ONLY BE CONSIDERED WHEN CONTROLLING ITEMS OF WORK ON THE APPROVED PROGRESS SCHEDULE ARE AFFECTED DUE TO NO FAULT OF THE CONTRACTOR.

WHEN ADDITIONAL WORK IS REQUIRED, TIME EXTENSIONS WILL ONLY BE GRANTED FOR CONTROLLING ITEMS ON THE PROGRESS SCHEDULE (SEE SECTION 108.06 OF THE CUYAHOGA COUNTY ENGINEER'S GENERAL PROVISIONS).

PROJECT PROGRESS MEETINGS

PROGRESS MEETINGS WILL BE HELD EVERY FOUR (4) WEEKS AT THE PROJECT OFFICE OR OTHER LOCATION DESIGNATED BY THE AREA CONSTRUCTION ENGINEER, AND WILL BE ATTENDED BY COUNTY AND CONTRACTOR DECISION-MAKING PERSONNEL.

THE PURPOSE OF THESE MEETINGS IS TO DISCUSS CRITICAL OPERATIONS AND POTENTIAL PROBLEMS. ALSO, THE CONTRACTOR WILL CONFIRM THE NUMBER AND DURATION OF WORK SHIFTS, NUMBER OF WORK CREWS, AND SPECIFIC PORTIONS OF THE WORK TO BE PERFORMED DURING THE FOLLOWING WEEKS.

THESE MEETINGS CAN ONLY BE WAIVED BY THE AREA CONSTRUCTION ENGINEER.

FLOODPLAIN PERMIT

FLOODPLAIN PERMIT SHALL BE POSTED IN A CONSPICUOUS LOCATION, SUCH AS AT THE FIELD OFFICE OR ON THE PROJECT BULLETIN BOARD, FOR THE DURATION OF THE PROJECT.

DEFINITIONS AND TERMS

WHEREVER THERE APPEARS, IN THE STANDARD SPECIFICATIONS (ODOT ITEMIZED CMS), SUPPLEMENTAL SPECIFICATIONS OR PROPOSAL NOTES, THE TERM "THE STATE", "DIRECTOR OF TRANSPORTATION", "DEPARTMENT", "DISTRICT CONSTRUCTION ENGINEER/DISTRICT CONSTRUCTION ADMINISTRATOR (DCA)", "ENGINEER", OR ANY OTHER TERM DESIGNATING ANY REPRESENTATIVE OR EMPLOYEE OF THE STATE OR ITS DEPARTMENT OF TRANSPORTATION, SUCH TERM SHALL, FOR THE PURPOSE OF THIS CONTRACT, BE CONSIDERED AND TAKEN AS MEANING AND DESIGNATING THE RESPECTIVE OFFICER OR EMPLOYEE OF CUYAHOGA COUNTY WHOSE DUTY OR FUNCTION IT IS TO DEAL WITH THE SUBJECT MATTER IN CONNECTION WITH WHICH SUCH TERM IS USED AND SPECIFICALLY:

THE STATE - MEANS CUYAHOGA COUNTY.
DEPARTMENT - MEANS THE CUYAHOGA COUNTY DEPARTMENT OF PUBLIC WORKS.
DIRECTOR - MEANS THE CUYAHOGA COUNTY DIRECTOR OF PUBLIC WORKS, HIS/HER DEPUTIES, OR ANY ENGINEER DESIGNATED AS THE DIRECTOR'S REPRESENTATIVE.
DISTRICT CONSTRUCTION ENGINEER (DCE)/DISTRICT CONSTRUCTION ADMINISTRATOR (DCA) OR ENGINEER - MEANS THE AREA CONSTRUCTION ENGINEER, OR THE DULY AUTHORIZED AGENT OR REPRESENTATIVE OF THE CUYAHOGA COUNTY DIRECTOR OF PUBLIC WORKS, ACTING WITHIN THE SCOPE OF HIS/HER AUTHORITY FOR THE PURPOSES OF CONSTRUCTION ENGINEERING AND ADMINISTRATION OF THE CONTRACT.
LABORATORY - MEANS ANY LABORATORY DESIGNATED BY THE COUNTY.

GENERAL PROVISIONS

ALL REFERENCES TO THE GENERAL PROVISIONS (SECTION 100) OF THE OHIO DEPARTMENT OF TRANSPORTATION'S CONSTRUCTION AND MATERIAL SPECIFICATIONS (ODOT CMS) THAT ARE CITED IN THE ITEMIZED SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, PROPOSAL NOTES, PLANS OR ELSEWHERE IN THE CONTRACT DOCUMENTS SHALL, FOR THE PURPOSE OF THIS CONTRACT, BE CONSIDERED AND TAKEN AS MEANING THE CUYAHOGA COUNTY ENGINEER'S GENERAL PROVISIONS AS CONTAINED IN THE "CUYAHOGA COUNTY ENGINEER SPECIFICATION BOOKLET". THE SUBSECTION NUMBERS AND TOPICS USED IN THE COUNTY'S GENERAL PROVISIONS CORRESPOND TO THOSE CONTAINED IN THE ODOT CMS.

COOPERATION BETWEEN CONTRACTORS

IT IS ANTICIPATED THAT OTHER CONTRACTORS MAY BE WORKING ON PROJECTS ADJACENT TO OR WITHIN THE LIMITS OF THIS PROJECT, EITHER FOR THE COUNTY OR FOR OTHER PUBLIC AGENCIES. THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS/HER OPERATIONS, INCLUDING PROVISIONS FOR THE MAINTENANCE OF TRAFFIC, WITH THE CONTRACTORS OF OTHER PROJECTS THAT MAY BE IN FORCE DURING THE LIFE OF THIS CONTRACT. THE CONTRACTOR'S ATTENTION IS SPECIFICALLY DRAWN TO SECTION 105.08 OF THE CUYAHOGA COUNTY ENGINEER'S GENERAL PROVISIONS. NO WAIVER OF ANY OF THE PROVISIONS OF SECTION 105.08 IS INTENDED.

AS A SEPARATE PROJECT, DOMINION ENERGY WILL BE RELOCATING THEIR EXISTING GAS LINE THAT RUNS UNDER THE CUYAHOGA RIVER. IT WILL BE TEMPORARILY CONNECTED TO THE TEMPORARY BRIDGE BUILT FOR THIS PROJECT UNTIL IT CAN BE PERMANENTLY RELOCATED ONTO THE PERMANENT BRIDGE 00.42. THE CONTRACTOR SHALL COORDINATE WITH DOMINION ENERGY AND DOMINION ENERGY'S CONTRACTOR SO THAT THE SUBSEQUENT CONTRACTORS MAY COMPLETE THEIR PROPOSED WORK, INCLUDING MAINTENANCE OF TRAFFIC.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER AND CALCIUM CHLORIDE FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616 - WATER	12	MGAL
ITEM 616 - CALCIUM CHLORIDE	1.2	TON

CUY - OLD ROCKSIDE ROAD

ADDENDUM 1 & 2

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REF NO.	SHEET NUM. 7	8	9	10	14	15	42	45	84				PART. 01/BRF/BR	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
																		RETAINING WALLS	
107-124																		SEE SHEET 75 FOR RETAINING WALL AND BARRIER MOMENT SLAB ESTIMATED QUANTITIES	75
																		STRUCTURE OVER 20 FOOT SPAN	
125-175																		SEE SHEET 104 FOR STRUCTURE 00.42 ESTIMATED QUANTITIES	104
																		MAINTENANCE OF TRAFFIC	
176																		NOT USED	
177								95					95	202	35100	95	FT	PIPE REMOVED, 24" AND UNDER	
178								1					1	202	42040	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T	
179								1					1	202	47000	1	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
180								75					75	202	38000	75	FT	GUARDRAIL REMOVED	
181								2					2	202	58100	2	EACH	CATCH BASIN REMOVED	
182								459					459	203	10000	459	CY	EXCAVATION	
183								3,151					3,151	203	20001	3,151	CY	EMBANKMENT, AS PER PLAN	8
184								288					288	204	30020	288	CY	GRANULAR MATERIAL, TYPE C	
185								362					362	204	51000	362	SY	GEOGRID	
186							2,681						2,681	204	10000	2,681	SY	SUBGRADE COMPACTION	
187-189																		NOT USED	
190						15							15	410	12000	15	CY	TRAFFIC COMPACTED SURFACE, TYPE A OR B	
191-192																		NOT USED	
193									LS				LS	502	11101	LS	-	STRUCTURE FOR MAINTAINING TRAFFIC, AS PER PLAN	84
194								75					75	606	15050	75	FT	GUARDRAIL, TYPE MGS	
195								1					1	606	26500	1	EACH	ANCHOR ASSEMBLY, TYPE T	
196								1					1	606	35000	1	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 1	
197								95					95	611	04401	95	FT	12" CONDUIT, TYPE B, AS PER PLAN	12
198								2					2	611	98471	2	EACH	CATCH BASIN, NO. 2-2B, AS PER PLAN	86
199						40							40	614	11110	40	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
200								7					7	614	12380	7	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
201						20							20	614	13000	20	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
202						30							30	614	13310	30	EACH	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL	
203						6							6	614	13314	6	EACH	BARRIER REFLECTOR, TYPE 3, BIDIRECTIONAL	
204						30							30	614	13360	30	EACH	OBJECT MARKER, TWO WAY	
205					0.60								0.60	614	21100	0.60	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
206					0.22								0.22	614	21550	0.22	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
207					0.40								0.40	614	22100	0.40	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT	
208					0.24								0.24	614	22350	0.24	MILE	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT	
209					80								80	614	24200	80	FT	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT	
210					100								100	614	26200	100	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
211					65								65	614	26610	65	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
212					1								1	614	32200	1	EACH	WORK ZONE RAILROAD SYMBOL MARKING, CLASS I, 642 PAINT	
212A													LS	615	10001	LS	-	ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN	15
212B							1,741						1,741	615	20001	1,741	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	15
212C							634						634	615	25001	634	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN	15
213	12												12	616	10000	12	MGAL	WATER	
214	1.2												1.2	616	20000	1.2	TON	CALCIUM CHLORIDE	
215								561					561	622	41100	561	FT	PORTABLE BARRIER, UNANCHORED	
216				1,638									1,638	659	10001	1,638	SY	SEEDING AND MULCHING, AS PER PLAN	10
217				90									90	659	14000	90	SY	REPAIR SEEDING AND MULCHING	
218				11									11	659	35000	11	MGAL	WATER	
219				15.5									15.5	659	40000	15.5	MSF	MOWING	
220								1,595					1,595	670	00520	1,595	SY	SLOPE EROSION PROTECTION MAT, TYPE B	
																		INCIDENTALS	
221					LS								LS	614	11001	LS	-	MAINTAINING TRAFFIC, AS PER PLAN	14
222	24												24	619	16021	24	MNTH	FIELD OFFICE, TYPE C, AS PER PLAN	7
223			LS										LS	623	10001	LS	-	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	9
224													LS	624	10000	LS	-	MOBILIZATION	
225													LS	SPECIAL	69098400	LS	-	PROJECT DVD RECORDING (SEE PROPOSAL NOTE)	
226													LS	SPECIAL	10810000	LS	-	CPM PROGRESS SCHEDULE (SEE PROPOSAL NOTE)	

ADDENDUM 2

ADDENDUM 1

CALCULATED VLE CHECKED JTP

GENERAL SUMMARY

CUY - OLD ROCKSIDE ROAD

39 157

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