

UTILITIES

THE CONTRACTOR SHALL GIVE NOTICE OF INTENT TO CONSTRUCT TO THE OHIO UTILITIES PROTECTION SERVICE (OUPS), AND ANY NON-MEMBERS OF A REGISTERED PROTECTION SERVICE AT LEAST TWO WORKING DAYS BEFORE CONSTRUCTION AND IN ACCORDANCE WITH SECTION 153.64 OF THE OHIO REVISED CODE.

THE ODOT CONTRACTOR WILL TAKE ALL UTILITY MARKINGS INTO CONSIDERATION PRIOR TO INSTALLING ANY NEW EQUIPMENT TO AVOID ANY CONFLICTS. IT IS ODOT'S EXPECTATION THAT A MODIFICATION OF PLACEMENT OF NEW EQUIPMENT BE MADE TO ACCOMMODATE EXISTING UTILITIES SO THEY ARE NOT IMPACTED, IF POSSIBLE. IF THERE IS A CONFLICT THAT CANNOT BE AVOIDED, THE ODOT CONTRACTOR IS REQUIRED TO CONTACT THE IMPACTED UTILITY PRIOR TO INSTALLING THE EQUIPMENT AND FURTHER REVIEW OPTIONS WITH THE IMPACTED UTILITY OWNER FOR RESOLUTION.

IT IS REQUIRED OF THE ODOT CONTRACTOR TO SCHEDULE A FIELD REVIEW A MINIMUM OF 2 WEEKS PRIOR TO EQUIPMENT INSTALLATION TO ENSURE ALL UTILITIES ARE CLEAR AND ALL CURRENT LOCATIONS ARE KNOWN. IF ANY UTILITY ISSUES ARISE IT IS THE RESPONSIBILITY OF THE ODOT CONTRACTOR TO WORK OUT AN ACCEPTABLE SOLUTION WITH THE UTILITY AND ODOT TO KEEP THE PROJECT MOVING FORWARD.

OHIO UTILITY PROTECTION SERVICE: 1-800-362-2764  
NON-MEMBERS MUST BE CALLED DIRECTLY, INCLUDING ODOT DISTRICTS WHO CAN BE CONTACTED THROUGH THE PROJECT ENGINEER.

LISTED BELOW ARE THE ODOT DISTRICT UTILITY COORDINATORS AND OTHER ODOT DISTRICT UTILITY OWNERS. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE DISTRICT UTILITY COORDINATOR IF CONTACT INFORMATION IS NEEDED FOR ANY UTILITY COMPANIES WITH THE WORK AREA.

DISTRICT 8 UTILITY COORDINATOR  
ATTN: LUCAS BRAUN  
LUCAS.BRAUN@DOT.OHIO.GOV  
PH: 513-933-6186  
505 S STATE ROUTE 471  
LEBANON, OH 45036

DISTRICT 8 TRAFFIC OPERATIONS  
ATTN: MARC GRAKE, P.E.  
MARC.GRAKE@DOT.OHIO.GOV  
PH: 513-933-6607  
505 S STATE ROUTE 471  
LEBANON, OH 45036

ODOT CO ITS  
1606 W BROAD ST  
COLUMBUS, OH 43223  
614-387-4113  
CEN.ITS.LAB@DOT.OHIO.GOV

CENTRAL OFFICE UTILITIES MANAGER  
ATTN: WENDI SNYDER  
WENDI.SNYDER@DOT.OHIO.GOV  
PH: 614-728-8062  
1980 W BROAD ST  
COLUMBUS, OH 43223

ESTIMATED QUANTITIES

THE QUANTITIES SHOWN IN THE GENERAL SUMMARY ARE ESTIMATED QUANTITIES AND VARIANCES CAN BE EXPECTED IN THE ACTUAL QUANTITIES USED DURING THE LIFE OF THIS CONTRACT.

TERM OF CONTRACT

DURING THE TERM OF THIS CONTRACT IT MAY BECOME NECESSARY FOR THE CONTRACTOR TO PERFORM REPAIR, MAINTENANCE, AND UPGRADE WORK AT VARIOUS LOCATIONS WHILE PERFORMING AN INSTALLATION AT A DIFFERENT LOCATION AND HAVE SUFFICIENT PERSONNEL AND EQUIPMENT AVAILABLE TO PERFORM THE REQUIRED WORK AS DIRECTED WITHIN THE DISTRICT BOUNDARIES.

NOTIFICATION OF TRAFFIC RESTRICTIONS

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.

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 CLOSURES & 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 IMPLEMENTATION

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

GENERAL USE OF TRAFFIC CONTROL ITEMS

IT IS THE INTENT OF THIS CONTRACT THAT THE WORK IS DONE AS QUICKLY AS POSSIBLE. THIS PART OF THE CONTRACT SHALL BE USED IN CONJUNCTION WITH THE ITS OR SIGNAL WORK AT VARIOUS LOCATIONS WITHIN THE DISTRICT. THIS WORK SHALL BE SHOWN ON THE WORK ORDER FOR EACH LOCATION DETAILING THE WORK TO BE PERFORMED. ALL TRAFFIC CONTROL ITEMS SHALL BE PLACED WITHIN THE TIME PERIODS DESCRIBED BY THE WORK ORDERS OR ACCORDING TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR SHALL REVIEW EACH LOCATION AND OBTAIN ANY PERMITS OR CLEARANCES FROM LOCAL MUNICIPALITIES AS NEEDED OR ANY OTHER PARTIES INVOLVED, PRIOR TO PERFORMING ANY WORK.

GENERAL COORDINATION AND COOPERATION BETWEEN CONTRACTORS

THE CONTRACTOR'S ATTENTION SHALL BE DIRECTED TO SECTION 105.08 OF THE CMS. DURING THE DURATION OF THIS PROJECT, THE OHIO DEPARTMENT OF TRANSPORTATION ITS / SIGNALS SECTION OF THE OFFICE OF TRAFFIC OPERATIONS RESERVES THE RIGHT TO PERFORM PARTS OF ANY REPAIR OR UPGRADE IN COORDINATION WITH THE CONTRACTOR'S PERSONNEL. THE PROJECT ENGINEER SHALL COORDINATE THE WORK TO BE PERFORMED BY THE OHIO DEPARTMENT OF TRANSPORTATION ITS / SIGNALS SECTION AND THE CONTRACTOR. THE PROJECT ENGINEER SHALL PROVIDE A FIVE-DAY NOTICE TO BOTH THE CONTRACTOR AND ITS / SIGNALS SECTION PRIOR TO THE WORK BEING PERFORMED. THE CONTACT PERSON(S) FOR THE OHIO DEPARTMENT OF TRANSPORTATION ITS / SIGNALS SECTION SHALL BE:

PRIMARY:  
BRYAN COMER  
1606 WEST BROAD ST.  
COLUMBUS, OHIO 43223  
OFFICE: (614) 387-1253  
EMAIL: BRYAN.COMER@DOT.OHIO.GOV

SECONDARY:  
ODOT ITS LAB  
1606 WEST BROAD STREET  
COLUMBUS, OHIO 43223  
MAINLINE: (614) 387-4113  
CEN.ITS.LAB@DOT.OHIO.GOV

DESCRIPTION OF WORK

ALL WORK WILL BE SUB-DIVIDED INTO CATEGORIES OR TASKS ENTITLED, "WORK TASK ORDERS". EACH WORK TASK ORDER WILL BE FURTHER SUB-DIVIDED INTO "WORK SUB-TASK ORDERS", TO BE DEVELOPED AS THE PROJECT PROGRESSES. A SAMPLE WORK ORDER IS SHOWN IN THESE PLANS. SOME INITIAL WORK ORDERS ARE INCLUDED WITH THIS PLAN SET IN THE ITS PLAN SHEETS SECTION AND WILL SERVE AS THE FIRST WORK ORDERS FOR THE CONTRACTOR TO COMPLETE UPON CONTRACT AWARD.

ANY UNUSED MATERIALS WHICH ARE NOT INSTALLED THROUGH THE DURATION OF THIS CONTRACT SHALL BE DELIVERED TO THE ODOT CO ITS.

ITEM 809 - MAINTAINING ITS DURING CONSTRUCTION

THE CONTRACTOR SHALL REFER TO SUPPLEMENTAL SPECIFICATION 809 FOR REQUIREMENTS ON MAINTAINING ITS DURING CONSTRUCTION AND INFORMATION ON LOCATING ODOT ITS INFRASTRUCTURE. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER AND ODOT ITS.

ODOT ITS LAB  
1606 WEST BROAD STREET  
COLUMBUS, OHIO 43223  
MAINLINE: (614) 387-4113  
CEN.ITS.LAB@DOT.OHIO.GOV

INTELLIGENT TRANSPORTATION SYSTEM

IT IS THE INTENT OF THIS CONTRACT THAT THE WORK IS TO BE PERFORMED AS QUICKLY AS POSSIBLE FOR THE INTELLIGENT TRANSPORTATION SYSTEM. THE CONTRACTOR SHALL BE ALLOWED A SPECIFIED WORKING PERIOD BETWEEN THE TIME OF NOTIFICATION AND THE TIME THE WORK IS COMPLETED, UNLESS DOCUMENTATION CAN BE PROVIDED SHOWING THE LEAD TIMES FOR SPECIFIC MATERIALS NEEDED TO COMPLETE THE WORK. THE PROJECT ENGINEER SHALL RECORD THE DATE AND TIME THAT THE WORK ORDER WAS RECEIVED BY THE CONTRACTOR. THE ODOT ITS ENGINEER SHALL MAKE EVERY ATTEMPT TO PREDICT AN ACCURATE WORKING PERIOD THAT IS NEEDED TO COMPLETE EACH WORK ORDER. THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE OF \$100.00 PER DAY FOR EVERY DAY THAT THE WORK TO BE PERFORMED BY WORK ORDER, OR AS DIRECTED BY THE PROJECT ENGINEER REMAINS INCOMPLETE AFTER THE SPECIFIED WORKING PERIOD FOR THE INTELLIGENT TRANSPORTATION SYSTEM MAINTENANCE / WORK ORDER.

THE CONTRACTOR SHALL COMPLETE ALL EXISTING WORK ORDERS IN THE PLANS WITHIN THE TIMEFRAME SPECIFIED ON THE WORK ORDER PLAN SHEET FROM THE PROJECT SIGNED CONTRACT DATE, UNLESS OTHERWISE SPECIFIED BY THE PROJECT ENGINEER OR ODOT ITS. THE CONTRACTOR SHALL COMPLETE ANY FUTURE WORK ORDERS DURING THE PROJECT WITHIN 60 DAYS OF RECEIVING THE CORRESPONDING WORK ORDER, UNLESS OTHERWISE SPECIFIED BY THE PROJECT ENGINEER OR ODOT ITS.

THE ODOT DISTRICT 8 ITS DEVICE LOCATIONS HAVE BEEN LISTED FOR REFERENCE, BUT MAY NOT INCLUDE ALL SITES WHERE THE CONTRACTOR MAY BE ASSIGNED TO WORK. THE TABLE IS SHOWN FOR ASSISTANCE TO THE CONTRACTOR IN PERFORMING THEIR WORK, BUT BY NO MEANS IS TO BE INCLUSIVE OF ALL POSSIBLE SITES.

POWER SERVICE INFORMATION

THE POWER SUPPLYING AGENCIES FOR THIS PROJECT ARE:

DUKE ENERGY (DISTRIBUTION)      AES OHIO  
2010 DANA AVE                              1-800-253-5801  
CINCINNATI, OH 45207  
1-800-653-5307

FOR LOCATIONS WITH A NEW POWER SERVICE THE CONTRACTOR SHALL GIVE A MINIMUM OF THREE (3) MONTHS NOTICE TO THE POWER COMPANY TO COORDINATE INSTALLATION AND HOOKUP. WHERE MAINTENANCE OF AN EXISTING POWER SERVICE WILL OCCUR, THE CONTRACTOR SHALL GIVE A MINIMUM OF TWO (2) WEEKS NOTICE TO THE POWER COMPANY TO COORDINATE DEENERGIZING AND REENERGIZING THE POWER SERVICE.

THE CONTRACTOR SHALL CONTACT THE METER SECTION OF THE POWER COMPANY FOR INFORMATION REGARDING THE METER BASE INSTALLATION PRIOR TO ORDERING POLES. THE CONTRACTOR WILL BE RESPONSIBLE FOR REQUESTING AND SCHEDULING ANY INSPECTIONS THE POWER COMPANY MAY REQUIRE FOR THE POWER SERVICE HOOK UP. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE POWER COMPANY FOR THE ELECTRICAL SERVICE CONNECTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR SPLICE POWER CABLE INTO THE POWER COMPANY'S CIRCUITS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND PAYING ALL FEES. THE CONTRACTOR SHALL PAY ALL POWER CHARGES UNTIL THE POWER SERVICE AND SITE IS **NEW ITEMS ADDED.** CONTRACTOR SHALL THEN SEND **PREVIOUS ITEMS ON THIS SHEET MOVED TO P.3** (ADDRESS, ACCOUNT #, METER #, ENGINEER SO IT CAN BE SENT TO TRANSFER THE SERVICE INTO ODOT'S NAME.

PAYMENT FOR THIS WORK SHALL BE MADE UNDER THE APPLICABLE POWER SERVICE, AS PER PLAN ITEM.

CONTRACTOR SHALL WORK WITH CO ITS WHEN ESTABLISHING NEW POWER SERVICES. ALL NEW ACCOUNTS, WHERE APPLICABLE, SHOULD BE ADDED TO ODOT'S SUMMARY/COMBINED BILLING ACCOUNT NUMBER. THE CONTRACTOR SHALL CONTACT ODOT ITS TO OBTAIN THE APPROPRIATE COMBINED BILLING ACCOUNT NUMBER SO THE NEW ACCOUNT WILL BE ADDED TO ODOT'S MASTER ACCOUNT. THIS SHALL BE DONE WHEN THE NEW ACCOUNT BECOMES ODOT'S RESPONSIBILITY FOR PAYMENT.

ITEM 625 - LIGHT POLE FOUNDATION, MISC.: CCTV POLE, 70' STEEL

THIS ITEM SHALL CONSIST OF CONSTRUCTING A FOUNDATION FOR A 70 FT STEEL CAMERA POLE. THE CONTRACTOR SHALL ADHERE TO THE DESIGN REQUIREMENTS ON P.4 FOR LOCATION-SPECIFIC DETAILS.

THE SCD HL-10.13, HL-20.11, AND TC-21.21 SHALL BE USED AS REFERENCES TO TYPICAL ODOT INSTALLATIONS. NOTE THAT THIS ITEM IS A SPECIAL CASE WITH A 70' POLE AND THE STANDARD DRAWINGS SHOULD ONLY BE USED AS A REFERENCE.

THE CONTRACTOR SHALL SUBMIT DETAILS FOR THE FOUNDATION FOR THE 70'CCTV POLE TO THE ENGINEER FOR APPROVAL.

ITEM 625 - DISTRIBUTION CABLE, MISC.: INSTALL ONLY

THE CONTRACTOR SHALL INSTALL DISTRIBUTION CABLE PER ODOT C&MS SECTION 625, AS DIRECTED BY THE ENGINEER. THE FOLLOWING SIZES OF CABLE MAY BE USED:

- NO. 6 AWG 600 VOLT DISTRIBUTION CABLE
- NO. 4 AWG 600 VOLT DISTRIBUTION CABLE
- NO. 2 AWG 600 VOLT DISTRIBUTION CABLE
- NO. 1/0 AWG 2400 VOLT DISTRIBUTION CABLE

THE SIZE OF THE CABLE FOR INSTALLATION WILL BE DETERMINED BY THE ENGINEER. FOR EXISTING WORK ORDERS IN THE PLANS, SIZE OF DISTRIBUTION CABLE IS SPECIFIED.

ALL DISTRIBUTION CABLE WILL BE PROVIDED BY ODOT ITS. THE CONTRACTOR SHALL COORDINATE PICKUP OF DISTRIBUTION CABLE AT ODOT ITS WITH THE ENGINEER. THE CONTRACTOR SHALL INFORM THE ENGINEER PRIOR TO PICKUP OF THE LOCATIONS FOR WHICH THE CABLE WILL BE INSTALLED. IF THE CONTRACTOR HAS MULTIPLE LOCATIONS FOR INSTALLATION, DISTRIBUTION CABLE MAY BE PICKED UP IN BULK.

ITEM 625 - CONDUIT, MISC.: CONDUIT REPAIR

THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO REPAIR UP TO 20 FEET OF DAMAGED CONDUIT, INCLUDING SECTIONS THAT ARE BROKEN ABOVE GROUND AND/OR BELOW GROUND. REPAIR WORK SHALL MATCH THE EXISTING CONDUIT TYPE, SIZE, AND MATERIAL, AND SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE ODOT SPECIFICATIONS AND STANDARDS.

THE WORK SHALL INCLUDE, BUT IS NOT LIMITED TO:

- EXCAVATION AND BACKFILL AS NEEDED TO ACCESS DAMAGED CONDUIT,
- REMOVAL OF DAMAGED SECTIONS OF CONDUIT,
- INSTALLATION OF NEW CONDUIT OF THE SAME TYPE AND SIZE AS EXISTING, INCLUDING PROPER JOINTS AND CONNECTIONS,
- RE-ESTABLISHMENT OF CONDUIT ALIGNMENT AND SUPPORT, ENSURING A CONTINUOUS, UNOBSTRUCTED PATHWAY FOR CABLE OR WIRE,
- RESTORATION OF DISTURBED SURFACES, INCLUDING PAVEMENT, TURF, OR OTHER FINISHES, TO ORIGINAL CONDITION OR AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DETERMINE EXACT LOCATIONS AND LIMITS OF CONDUIT REPAIR IN THE FIELD. ALL MATERIALS AND INSTALLATION METHODS SHALL COMPLY WITH CURRENT ODOT C&MS SECTION 625 - CONDUIT, AND ANY OTHER APPLICABLE SECTIONS.

ITEM 625 - PULL BOX REMOVED, AS PER PLAN

THE CONTRACTOR SHALL REMOVE AN EXISTING PULL BOX, AS DIRECTED BY THE ENGINEER. AFTER REMOVING THE PULL BOX, THE CONTRACTOR SHALL REMOVE ALL MATERIALS AND RESTORE THE SITE TO 1 FT BELOW GRADE.

IF REPLACEMENT OF THE REMOVED PULL BOX IS NEEDED, REPLACEMENT OF THE REMOVED PULL BOX WILL BE COVERED UNDER A SEPERATE PAY ITEM.

ITEM 625 - PULL BOX, MISC.: INSTALL ONLY

THE CONTRACTOR SHALL INSTALL EITHER:

A NEW 32" ITS PULL BOX WITH WORK PAD, PER ODOT SCD ITS-14.11, AND ALL OTHER APPLICABLE STANDARDS AND SPECIFICATIONS,

OR

A NEW 18" ELECTRICAL PULL BOX, PER ODOT C&MS SECTION 625, AND ALL OTHER APPLICABLE STANDARDS AND SPECIFICATIONS,

AS DIRECTED BY THE ENGINEER.

IF INSTALLATION IS FOR AN 18" ELECTRICAL PULL BOX, THE GROUND ROD WILL BE COVERED UNDER ITEM 625 - GROUND ROD, AS PER PLAN.

THE PULL BOX WILL BE PROVIDED BY ODOT ITS. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER A TIME FOR PICKUP AT ODOT ITS, OR AT AN ALTERNATE LOCATION APPROVED BY THE ENGINEER.

ITEM 625 - PULL BOX, MISC.: MOW PAD

THE CONTRACTOR SHALL INSTALL A CONCRETE MOW PAD AROUND THE EXISTING PULL BOX, PER STANDARD CONSTRUCTION DRAWING ITS-14.11. THE CONTRACTOR SHALL RAISE/LOWER THE PULL BOX TO BE LEVEL WITH GRADE IF NOT ALREADY AND ENSURE THE RING AND LID ARE CENTERED CORRECTLY ON THE BOX. IF THE BOX NEEDS RAISED, ADD BRICKS AND MORTAR/SEAL TO PROVIDE A GOOD FINISH. THE COMPLETED MOW PAD PULL BOX SHALL BE LIKE NEW PER ITS-14.11.



**ITEM 625 - GROUND ROD, AS PER PLAN**

THE CONTRACTOR SHALL INSTALL GROUND RODS PER STANDARD CONSTRUCTION DRAWING ITS-50.10. IN ADDITION, A GROUND ROD SHALL BE INSTALLED AT EACH ELECTRIC PULL BOX INSTALLED ON THIS PROJECT AND CONNECTED TO THE PULL BOX FRAME. AT EACH PULL BOX LOCATION, THE GROUND ROD SHALL ALSO BE TIED INTO THE DISTRIBUTION CABLE USED AS THE GROUND WIRE TO SERVICE THE CAMERA CABINET, IN ORDER TO PROVIDE A COMPLETE GROUNDING SYSTEM.

**ITEM 625 - POWER SERVICE REMOVED, AS PER PLAN**

THE CONTRACTOR SHALL REMOVE ALL ITEMS COMPLETELY AND CONDUITS TO A MINIMUM DEPTH OF 1 FOOT BELOW GRADE. THIS ITEM SHALL INCLUDE ANY POLES, BEAMS, EQUIPMENT STANDS, TRANSFORMERS, METER BASES, DISCONNECT SWITCHES, CONDUITS, ETC. THE CONTRACTOR SHALL RESTORE THE GRADE AND SITE CONDITIONS. THE CONTRACTOR SHALL DISPOSE OF ALL ITEMS UNLESS ANY ITEMS ARE REQUESTED TO BE RETURNED TO ODOT, IN WHICH CASE IT SHOULD BE COORDINATED WITH THE PROJECT ENGINEER.

**ITEM 632 - STRAIN POLE, TYPE TC-81.11, DESIGN 10, AS PER PLAN**

THIS SUPPORT SHALL CONSIST OF A TC-81.11 DESIGN 10 POLE FOR INSTALLATION OF CCTV CAMERA. ALL SIGNAL SUPPORT ITEMS REQUIRED BY C&MS ITEM 632 AND ALL SIGN SUPPORT ITEMS REQUIRED BY C&MS ITEM 630 SHALL BE INCLUDED AS PART OF THIS SUPPORT. NO ARM SHALL BE USED OR ATTACHED TO THE POLE.

FOR THIS STRAIN POLE ITEM, NO SPAN CLAMPS ARE REQUIRED TO BE SUPPLIED. THE POLE SHALL BE SUPPLIED WITH A 3" BLIND HALF COUPLING, 18" FROM THE TOP OF THE POLE AND 0 DEGREES FROM THE HANDHOLE. THE POLE SHALL ALSO BE SUPPLIED WITH A 1.5" COUPLING, 18" FROM THE TOP OF THE POLE AND 90 DEGREES FROM THE HANDHOLE. WHEN THE POLE IS INSTALLED, ORIENT SO THE HANDHOLE IS FACING AWAY FROM THE ROADWAY(S) AS MUCH AS POSSIBLE.

PAYMENT WILL BE AT THE CONTRACT UNIT PRICE AND WILL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND OTHER INCIDENTALS NECESSARY FOR EACH SUPPORT FURNISHED, IN PLACE, COMPLETE AND ACCEPTED.

**ITEM 633 - CABINET FOUNDATION, AS PER PLAN**

THE CONTRACTOR SHALL INSTALL A CABINET FOUNDATION FOR EACH ITS GROUND MOUNTED CABINET. THE CONTRACTOR SHALL INSTALL ANCHOR RODS FOR AN ITS CABINET PER SUPPLEMENTAL SPECIFICATION 809 AND AS DIRECTED BY THE ENGINEER. SEE SUPPLEMENTAL SPECIFICATION 809 FOR CONDUIT REQUIREMENTS ENTERING THE ITS GROUND MOUNTED CABINET.

**ITEM 633 - CONTROLLER WORK PAD, AS PER PLAN**

THE CONTRACTOR SHALL INSTALL A WORK PAD AT EACH ITS DEVICE (CAMERA POLE, CABINET, PULL BOX, ETC.) PER SCD ITS-10.11. THE CONTRACTOR SHALL GRADE THE SURROUNDING AREA SLIGHTLY AND/OR POUR A SMALL CURB RETAINING WALL AND/OR STONE/GRAVEL AROUND THE PAD AS NEEDED IN ORDER TO INSTALL A LEVEL WORK PAD WITH APPROPRIATE PROTECTION AND RUNOFF. THE WORK PAD AND SITE RESTORATION SHALL BE PERFORMED AS APPROVED BY THE PROJECT ENGINEER.

PAYMENT FOR ALL OF THE ABOVE WORK SHALL BE INCIDENTAL TO THE UNIT BID PRICE FOR ITEM 633, CONTROLLER WORK PAD, AS PER PLAN AND SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO CONSTRUCT THE ITEM.

**ITEM 809 - CONDUIT, MULTICELL, MISC.: 4", INSTALL ONLY**

THE CONTRACTOR SHALL INSTALL 4" MULTICELL CONDUIT PROVIDED BY ODOT ITS.

**INSTALLATION**

INSTALLATION WILL BE IN 30" DEEP TRENCH, DRILLED OR PLOWED TO A MINIMUM OF 30" DEEP, BORED UNDER ROADWAYS, ENCASED INSIDE CONCRETE BARRIER WALL, OR AS NOTED ON THE PLANS. THE HDPE CONDUIT SHALL BE INSTALLED IN CONTINUOUS LENGTHS WITHOUT JOINTS/COUPLINGS BETWEEN PULL BOXES OR JUNCTION BOXES.

**METHOD OF MEASUREMENT**

THE CONDUIT WILL BE MEASURED BY THE AMOUNT OF CONDUIT IN FEET INSTALLED FROM CENTER TO CENTER OF PULL BOXES, FOUNDATION, ETC., AND WILL INCLUDE ALL FITTING AND APPURTENANCES, JOINTS, BENDS, GROUNDS, AND CONCRETE ENCASEMENT WHERE SPECIFIED.

**BASIS OF PAYMENT**

THE PAYMENT FOR THESE ITEMS WILL BE MADE FOR THE ACCEPTED LINEAR FOOT QUANTITIES AT THE CONTRACT BID PRICE.

**ITEM 809 - CONDUIT, MULTICELL, MISC.: 4", JACKED OR DRILLED, INSTALL ONLY**

THE CONTRACTOR SHALL INSTALL 4" MULTICELL CONDUIT PROVIDED BY ODOT ITS.

**INSTALLATION**

INSTALLATION WILL BE DRILLED OR PLOWED TO A MINIMUM OF 30" DEEP, BORED UNDER ROADWAYS OR AS NOTED ON THE PLANS. THE HDPE CONDUIT SHALL BE INSTALLED IN CONTINUOUS LENGTHS WITHOUT JOINTS/COUPLINGS BETWEEN PULL BOXES OR JUNCTION BOXES.

**METHOD OF MEASUREMENT**

THE CONDUIT WILL BE MEASURED BY THE AMOUNT OF CONDUIT IN FEET INSTALLED FROM CENTER TO CENTER OF PULL BOXES, FOUNDATION, ETC., AND WILL INCLUDE ALL FITTING AND APPURTENANCES, JOINTS, BENDS, GROUNDS, AND CONCRETE ENCASEMENT WHERE SPECIFIED.

**BASIS OF PAYMENT**

THE PAYMENT FOR THESE ITEMS WILL BE MADE FOR THE ACCEPTED LINEAR FOOT QUANTITIES AT THE CONTRACT BID PRICE.

**ITEM 809 - CONDUIT, MULTICELL, MISC.: INSTALL ONLY THROUGH EXISTING DUCT**

THE CONTRACTOR SHALL INSTALL FIBER OPTIC CABLE OR A MICRODUCT INNERDUCT (OUTSIDE DIAMETER LESS THAN 15 MM), TO BE PROVIDED BY ODOT, PER THIS PLAN NOTE AND SUPPLEMENTAL SPECIFICATIONS 804 AND 809.

FOR FIBER OPTIC CABLE, INSTALL 150 FEET OF SLACK IN EACH PULL BOX, EXCEPT AS NOTED ON PLAN SHEETS. THE CONTRACTOR SHALL ONLY PULL THE FIBER OPTIC CABLE AND LEAVE COILED IN PULL BOXES AS DIRECTED IN THE WORK ORDER. ODOT WILL PERFORM THE SPLICING AND TERMINATING OF FIBER OPTIC CABLE.

FOR MICRODUCT INNERDUCT, INSTALL THROUGH EXISTING CONDUIT PER SUPPLEMENTAL SPECIFICATION 809.20.C. THE MICRODUCT SHALL BE CONTINUOUS THROUGH PULL BOXES EXCEPT FOR THE LOCATIONS NOTED IN THE WORK ORDER. CONDUITS SHALL BE INSTALLED PER STANDARD CONSTRUCTION DRAWING ITS-14.60. THE FIBER OPTIC CABLE OR MICRODUCT INNERDUCT WILL BE PROVIDED BY ODOT FROM THE DEPARTMENT'S TRAFFIC AUTHORIZED PRODUCTS (TAP) LIST.

COORDINATE ALL WORK WITH ODOT ITS AND RETURN UNUSED CABLE OR MICRODUCT TO ODOT ITS.

**ITEM 809 - ITS DEVICE, MISC.: MAINTENANCE OF EXISTING POWER SERVICE**

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS NECESSARY FOR A POWER SERVICE PER ODOT CONSTRUCTION AND MATERIAL SPECIFICATION SECTION 625.15.

THE EXISTING 120- OR 480-VOLT POWER SERVICE FOR THE SITE SHALL BE MAINTAINED. THIS PAY ITEM SHALL INCLUDE THE REPLACEMENT OF EXISTING OR INSTALLATION OF NEW DISCONNECT SWITCHES USED TO DIRECTLY POWER THE ITS SITE, INSTALLING NEW CONDUIT CONNECTIONS, AND INSTALLING A NEW METER BASE ON AN EXISTING POLE MOUNTED OR GROUND MOUNTED POWER SERVICE. THE FINAL MODIFIED POWER SERVICE SHALL BE LIKE NEW, PER ITS-15.10 OR ITS-15.11.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THE APPROPRIATE CONTACT WITH THE POWER COMPANY FOR DEENERGIZING AND ENERGIZING OF ANY POWER LINES.

THE ITS RELATED POWER SERVICES SHALL BE MARKED WITH "ITS". SEPARATE DISCONNECT SWITCHES SHALL BE INSTALLED AND SHALL BE FUSIBLE. FOR 60 AMP SERVICES, DISCONNECT SWITCHES SHALL BE RATED FOR 60 AMPS WITH NEMA 4X ENCLOSURE, AND FUSED AT 30 AMPS. FOR 100 AMP SERVICES, DISCONNECT SWITCHES SHALL BE RATED FOR 100 AMPS WITH NEMA 4X ENCLOSURE, AND FUSED AT 80 AMPS.

SALVAGE EXISTING METER BASES AND DISCONNECT SWITCHES. COORDINATE WITH ODOT CO ITS FOR RETRIEVAL (SEE UTILITY NOTE FOR CONTACT). ALL OTHER EXISTING POWER SERVICE ITEMS SHALL BE DISPOSED OF BY CONTRACTOR.

**ITEM 809 - ITS DEVICE, MISC.: REMOVAL AND DELIVERY OF CABINET**

THE CONTRACTOR SHALL REMOVE AN EXISTING TRAFFIC/ITS CABINET AND DELIVER TO THE ODOT ITS LAB. THE CONTRACTOR SHALL ALSO REMOVE THE EXISTING CABINET FOUNDATION AND ANY EXISTING CONDUITS TO A MINIMUM DEPTH OF 1 FOOT BELOW GRADE. THE CONTRACTOR SHALL RESTORE THE GRADE AND SITE CONDITIONS. THE CONTRACTOR SHALL COORDINATE A TIME TO DELIVER THE REMOVED ITEMS TO ODOT CENTRAL OFFICE ITS.

**ITEM 809 - ITS DEVICE, MISC.: REMOVAL AND DELIVERY OF CCTV AND LOWERING UNIT**

THE CONTRACTOR SHALL REMOVE THE EXISTING CCTV CAMERAS AND LOWERING UNITS SPECIFIED IN THE PLANS. THE CONTRACTOR SHALL COORDINATE A TIME TO DELIVER THE REMOVED ITEMS TO ODOT CENTRAL OFFICE ITS.

**ITEM 809 - ITS DEVICE, MISC.: REMOVAL AND DELIVERY OF STEEL POLE AND EQUIPMENT**

THE CONTRACTOR SHALL REMOVE THE EXISTING STEEL POLE AND ALL RELATED EQUIPMENT SPECIFIED IN THE PLANS. ANY UNDERGROUND CONDUIT THAT IS NO LONGER BEING UTILIZED, SHALL BE ABANDONED IN PLACE AND CABLING SHALL BE REMOVED. THE CONTRACTOR SHALL COORDINATE A TIME TO DELIVER THE REMOVED ITEMS TO ODOT CENTRAL OFFICE ITS. **MISSING NOTE ADDED**

**ITEM 809 - ITS DEVICE, MISC.: REMOVAL AND DELIVERY OF WOOD POLE AND EQUIPMENT**

THE CONTRACTOR SHALL REMOVE THE EXISTING WOOD POLE AND ALL RELATED EQUIPMENT SPECIFIED IN THE PLANS. ANY UNDERGROUND CONDUIT THAT IS NO LONGER BEING UTILIZED, SHALL BE ABANDONED IN PLACE AND CABLING SHALL BE REMOVED. THE CONTRACTOR SHALL COORDINATE A TIME TO DELIVER THE REMOVED ITEMS TO ODOT CENTRAL OFFICE ITS.

**ITEM 809 - ITS DEVICE, MISC.: REMOVAL AND DELIVERY OF STRAIN POLE AND EQUIPMENT**

THE CONTRACTOR SHALL REMOVE THE EXISTING STRAIN POLE OR CAMERA POLE AND ALL RELATED EQUIPMENT SPECIFIED IN THE PLANS. ANY UNDERGROUND CONDUIT THAT IS NO LONGER BEING UTILIZED, SHALL BE ABANDONED IN PLACE AND CABLING SHALL BE REMOVED. THE CONTRACTOR SHALL COORDINATE A TIME TO DELIVER THE REMOVED ITEMS TO ODOT CENTRAL OFFICE ITS.

**ITEM 809 ITS DEVICE, MISC.: CCTV POLE, 70' STEEL, REMOVE AND REINSTALL**

THE CONTRACTOR SHALL REMOVE AND REINSTALL A 70 FOOT STEEL CAMERA POLE WITH LOWERING UNIT AND EQUIPMENT MOUNTED TO IT, PER STANDARD CONSTRUCTION DRAWING HL-20.11. THE CONTRACTOR SHALL REPLACE EXISTING EQUIPMENT ON THE POLE IF DAMAGED BY CONTRACTOR. THE CONTRACTOR SHALL INSTALL NEW EQUIPMENT ON THE POLE (PROVIDED BY ODOT OR SEPARATE PAY ITEM) AT THE SAME TIME, AS DIRECTED BY THE ENGINEER.

THIS ITEM MAY ALSO BE UTILIZED IF A 70 FOOT STEEL POLE HAS ALREADY BEEN REMOVED AND IS TO BE REINSTALLED. THE CONTRACTOR SHALL PICK UP THE POLE FROM ODOT CO ITS, OR AT A LOCATION PER THE ENGINEER.

THE CONTRACTOR SHALL REMOVE FOUNDATIONS TO A DEPTH OF AT LEAST ONE FOOT BELOW GRADE AND RESTORE THE AREA. THE POLE SHALL HAVE TWO SECTIONS, ONE APPROXIMATE FORTY FOOT SECTION, AND ONE APPROXIMATE 30 FOOT SECTION. THE CONTRACTOR SHALL REINSTALL THE STEEL POLE WHERE THE WORK CALLS FOR, AS WELL AS ANY DEVICES MOUNTED TO IT, AS DETERMINED BY THE ENGINEER. THE FOUNDATION WILL BE EXISTING OR INSTALLED VIA A SEPARATE PAY ITEM. THE CONTRACTOR SHALL ADDITIONALLY INSTALL A 1.5 INCH PVC CONDUIT WITHIN THE INTERIOR OF THE POLE FOR THE STEEL CABLE OF THE LOWERING UNIT TO RUN THROUGH. THE POLE AND LOWERING UNIT SHALL BE INSTALLED PER SUPPLEMENTAL SPECIFICATION 809.

THE CONTRACTOR SHALL STORE AND DELIVER REMOVED POLES AND/OR DEVICES TO ODOT CO ITS, IF DESIRED BY ODOT. ANY UNDERGROUND CONDUIT OR CABLING THAT IS NO LONGER BEING UTILIZED, SHALL BE ABANDONED IN PLACE.

**COMMUNICATION CABLE MARKERS AND TRACER WIRE**

THE CONTRACTOR SHALL FURNISH AND INSTALL THIS ITEM ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809/909. AT ALL PULL BOX LOCATIONS WHERE FIBER OPTIC CABLE OR CONDUIT WITH INTEGRAL TRACER WIRE IS INSTALLED, THE CONTRACTOR SHALL CONNECT THE TRACER WIRE APPROPRIATELY TO TYPE 2 CABLE MARKERS. AT PULL BOX LOCATIONS WHERE A TYPE 2 CABLE MARKER SHALL BE INSTALLED AND THE MICRO-DUCT CONDUIT GOES STRAIGHT THROUGH THE PULL BOX AND DOES NOT BREAK, THE CONTRACTOR SHALL SHEATH BACK A SMALL AMOUNT OF THE MICRO-DUCT CONDUIT TO EXPOSE THE INTEGRAL TRACER WIRE AND THEN CONNECT IT TO CONDUCTORS FOR THE TEST POST IN THE TYPE 2 CABLE MARKER PER SS 809. THIS WORK IS INCIDENTAL TO ITEM 809 - CONDUIT, MULTICELL, MISC.: 4", INSTALL ONLY. TRACER WIRE IS NOT REQUIRED WHERE FIBER OPTIC CABLE IS INSTALLED IN MEDIUM BARRIER WALL CONDUIT.

**EXCAVATION**

NO EXCAVATION SHALL BE MADE WITHIN FIVE FEET OF ANY POLE OR SUPPORT THAT SUPPORTS TRAFFIC SIGNAL DISPLAYS OR SIGNS. EXCAVATION WITHIN EIGHT FEET BUT MORE THAN FIVE FEET SHALL REQUIRE ADDITIONAL SUPPORT (DOWN GUY, HEAD GUY, BASE GUY, ETC.). THE CONTRACTOR SHALL CONTACT THE ENGINEER AT LEAST TWO WORKING DAYS PRIOR TO SUCH EXCAVATION.

**WATER QUALITY PROTECTION**

NO TOXIC OR HAZARDOUS MATERIALS SUCH AS SEALANTS, PAINT, SOLVENTS, CLEANING AGENTS, EARTHEN MATERIALS, WASTE-WATER, FUELS OR DEBRIS OF ANY KIND SHALL BE DISCHARGED TO ANY STREAMS, DRAINAGE COURSES, OR BODIES OF WATER. ALL ASPHALT OR CONCRETE GRINDINGS, EXCESS ASPHALTIC OR CONCRETE MATERIALS OR ANY OTHER DEBRIS GENERATED DURING RESURFACING OR OTHER SIMILAR ACTIVITIES SHALL NOT BE DISPOSED OF WITHIN A FLOOD PLAIN BELOW THE 100-YEAR FLOOD ELEVATION. THE CONTRACTOR SHALL TAKE GREAT CARE TO MINIMIZE THE POTENTIAL TO CONTAMINATE THE PUBLIC DRINKING WATER SUPPLY, ALL PROJECT RELATED REFUELING AND MAINTENANCE ACTIVITIES SHALL BE PERFORMED IN AN ENVIRONMENTALLY RESPONSIBLE MANNER AND ALL PRECAUTIONS NECESSARY TO PREVENT LIQUIDS USED TO REPAIR, CLEAN, SEAL, OR TREAT ANY BRIDGE STRUCTURE (I.E. PAINT, SEALER, SOLVENT) FROM ENTERING STREAMS, WETLANDS OR OTHER WATERS OF THE UNITED STATES AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF A RELEASE. THE CONTRACTOR IS REQUIRED AND SHALL BE HELD RESPONSIBLE FOR THE CLEAN UP AND REMEDIATION OF ANY AND ALL SPILLS.

**WATERSHED PROTECTION / EROSION CONTROL**

THE WORK ASSOCIATED WITH THIS PROJECT IS BEING PERFORMED WITHIN THE DIRECT DRAINAGE AREA OF A MAJOR DRINKING WATERSHED. IT IS ESSENTIAL THAT ALL ACTIVITIES ASSOCIATED WITH THIS WORK BE **MISSING NOTE ADDED** NSISTENT WITH BEST WATERSHED LUDING, BUT NOT LIMITED TO;AREAS OF VE APPROPRIATE EROSION AND SEDIMENT CONTROLS. IF HAZARDOUS/TOXIC MATERIALS INCLUDING BUT NOT LIMITED TO FUELS, OILS, BITUMENS, PAINTS, SEALANTS OR OTHER CHEMICALS, ARE STORED ON SITE, THEY SHALL BE STORED IN A DOUBLE-CONTAINMENT MANNER. ALL EQUIPMENT REPAIRS, MAINTENANCE, AND MECHANICAL WORK THAT COULD RESULT IN THE RELEASE OF HAZARDOUS/TOXIC MATERIALS SHALL BE PERFORMED IN AN APPROPRIATELY CONTAINED AREA, PREFERABLY OFF SITE OR AN APPROPRIATE OFF-SITE FACILITY. IN THE EVENT THAT ANY HAZARDOUS/TOXIC MATERIALS INCLUDING BUT NOT LIMITED TO FUELS, OILS, BITUMENS, PAINTS, SEALANTS, OR OTHER CHEMICALS ARE SPILLED INTO ANY RIVER, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OHIO ENVIRONMENTAL PROTECTION AGENCY. THE CONTRACTOR SHOULD BE PREPARED TO PROVIDE DETAILED INFORMATION RELATIVE TO THE TYPE AND QUANTITY OF MATERIAL THAT HAS BEEN SPILLED AS WELL AS THE EXACT LOCATION AND THE EXACT TIME AT WHICH THE SPILL OCCURRED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INFORMING ALL SUBCONTRACTORS AND OTHER AGENTS OF THESE RESPONSIBILITIES, PRECAUTIONS, AND PROHIBITIONS.

**SOLE SOURCE AQUIFER PROTECTION**

THIS PROJECT IS POTENTIALLY LOCATED WITHIN A SOLE SOURCE AQUIFER. IN ORDER TO MINIMIZE THE POTENTIAL FOR CONTAMINATION, THE CONTRACTOR SHALL UTILIZE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS. FUELS, TOXIC/HAZARDOUS MATERIALS, AND CHEMICALS SHALL NOT BE STORED NEAR DRAINAGE WAYS, DITCHES, OR STREAMS. A SPILL KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL IMMEDIATELY TAKE STEPS TO MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS, THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA'S RELEASE REPORTING REQUIREMENTS), THE CONTRACTOR SHALL CONTACT 911 OR THE OHIO EPA'S SPILLS HOTLINE 1-800-282-9378 FOR CLEAN-UP OF THE SPILL.

DESIGN AGENCY



DESIGNER

JNL

REVIEWER

BC 6-3-25

PROJECT ID

123205

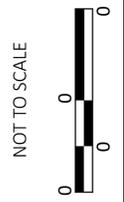
SHEET TOTAL

P.3 28

MOVED HERE FROM P. 2







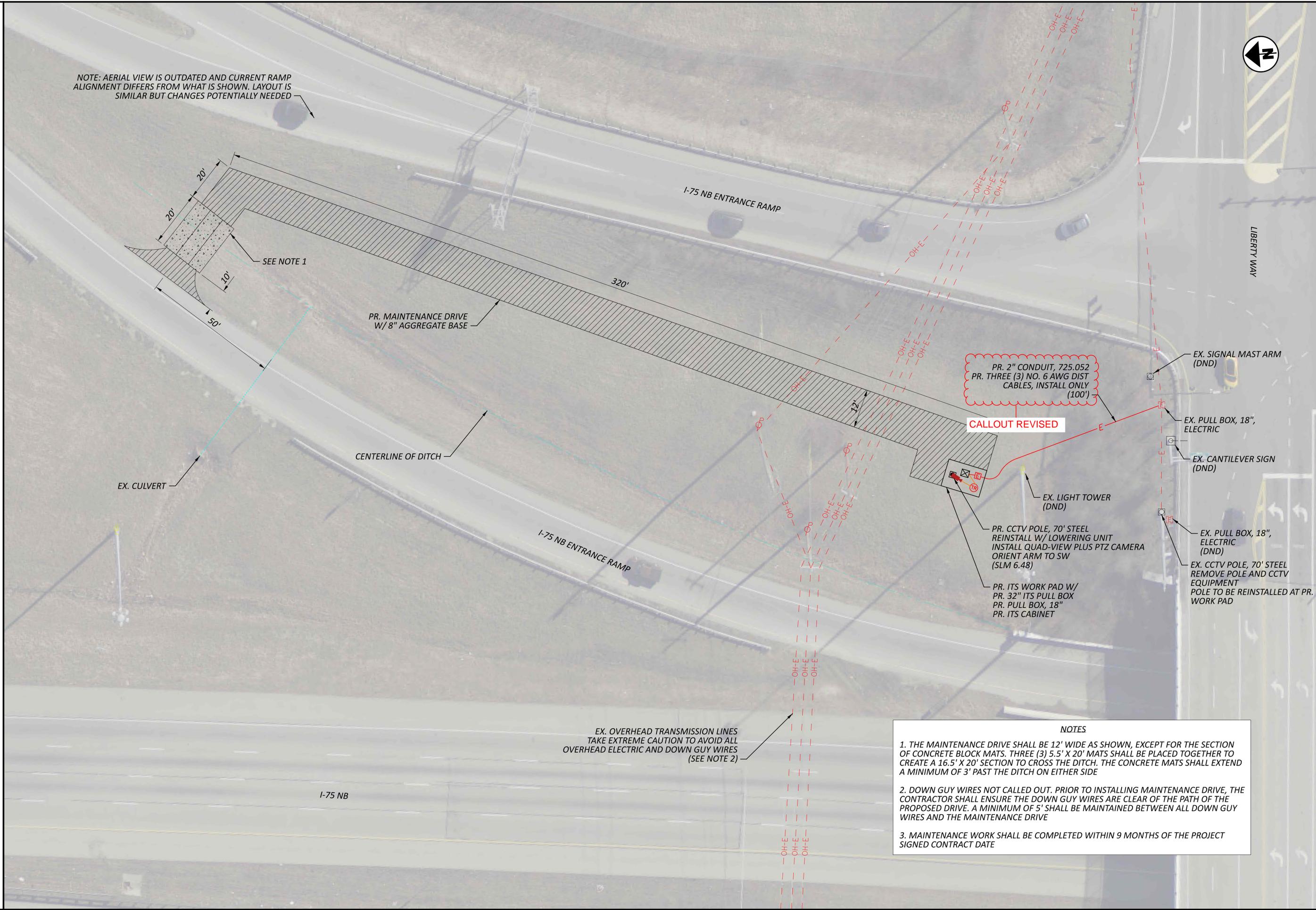
WO 1.6  
I-74 AT I-275

DESIGN AGENCY



DESIGNER	JNL
REVIEWER	BC
PROJECT ID	6-3-25
	123205
SHEET	TOTAL
P.11	28

NOTE: AERIAL VIEW IS OUTDATED AND CURRENT RAMP ALIGNMENT DIFFERS FROM WHAT IS SHOWN. LAYOUT IS SIMILAR BUT CHANGES POTENTIALLY NEEDED



- NOTES**
1. THE MAINTENANCE DRIVE SHALL BE 12' WIDE AS SHOWN, EXCEPT FOR THE SECTION OF CONCRETE BLOCK MATS. THREE (3) 5.5' X 20' MATS SHALL BE PLACED TOGETHER TO CREATE A 16.5' X 20' SECTION TO CROSS THE DITCH. THE CONCRETE MATS SHALL EXTEND A MINIMUM OF 3' PAST THE DITCH ON EITHER SIDE
  2. DOWN GUY WIRES NOT CALLED OUT. PRIOR TO INSTALLING MAINTENANCE DRIVE, THE CONTRACTOR SHALL ENSURE THE DOWN GUY WIRES ARE CLEAR OF THE PATH OF THE PROPOSED DRIVE. A MINIMUM OF 5' SHALL BE MAINTAINED BETWEEN ALL DOWN GUY WIRES AND THE MAINTENANCE DRIVE
  3. MAINTENANCE WORK SHALL BE COMPLETED WITHIN 9 MONTHS OF THE PROJECT SIGNED CONTRACT DATE



**WO 1.7  
I-275 AT LIBERTY WAY**

DESIGN AGENCY



DESIGNER	JNL
REVIEWER	BC 6-3-25
PROJECT ID	123205
SHEET	TOTAL
P.12	28