

LAK-90-8.77 VSL SIGNS
***CITIES OF WILLOUGHBY, MENTOR, KIRTLAND
HILLS, AND CONCORD TOWNSHIP
LAKE COUNTY***

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Pamela Boratyn
Director, Department of Transportation

TITLE SHEET



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

	<u>IR 90</u>
CURRENT ADT (2027)	65,000
DESIGN YEAR ADT (2047)	67,000
DESIGN HOURLY VOLUME (2047)	6,700
DIRECTIONAL DISTRIBUTION	0.59
TRUCKS (24 HOUR B&C)	11%
DESIGN SPEED	70 MPH
LEGAL SPEED	65 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
PRINCIPAL ARTERIAL INTERSTATE	
NHS PROJECT	YES

NONE

UNDERGROUND UTILITIES Contact Two Working Days Before You Dig
 OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764 (Non members must be called directly)

AECOM

1300 E. 9TH STREET, SUITE 500 CLEVELAND, OHIO 44114
(216) 622-2300

[illegible]

ENGINEER'S SEAL



GENERAL

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

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

COMMUNICATION/TELEPHONE
AT&T
13630 LORAIN AVENUE,
2ND FLOOR
CLEVELAND, OHIO 44111
ATTN.: JAMES JANIS
PHONE: 216-534-7285
FAX: 216-476-6013
pj8191@att.com

EVERSTREAM
1228 EUCLID AVENUE, SUITE 250
CLEVELAND, OHIO 44115
ATTN.: GIO REILLO
OFFICE: 216-905-0780
greillo@everstream.net

MCI (VERIZON)
12300 RIDGE ROAD
NORTH ROYALTON, OHIO 44133
ATTN.: DAVID M. GROSS
PHONE: 216-347-7661
vzfiber-northernohio@verizon.com
david.gross1@verizon.com

CABLE
CHARTER COMMUNICATIONS/
SPECTRUM
7820 DIVISION DRIVE
MENTOR, OHIO 44060
ATTN.: EMIL SYMISTER
OFFICE: 216-575-8016 OPT. 1
EXT. 12165551158
CELL: 440-343-1530
Emil.Symister@charter.com

GAS
DOMINION ENERGY ENBRIDGE
RELOCATION DEPARTMENT
320 SPRINGSIDE DRIVE
AKRON, OHIO 44333
ATTN.: ED GOUBEAUX
PHONE: 330-664-2494
PHONE: 330-664-2409
relocation@dominionenergy.com
Kyle.J.McCall@dominionenergy.com

DOMINION ENERGY TRANSMISSION
320 SPRINGSIDE DRIVE, SUITE 320
AKRON, OHIO 44333
ATTN.: BRYAN D. DAYTON
PHONE: 330-664-2409
relocation@dominionenergy.com

NORTHEAST OHIO NATURAL GAS
8470 STATION STREET
MENTOR, OHIO 44060
ATTN.: TIM REILLY
OFFICE: 440-701-5115
CELL: 440-728-0575
FAX: 440-205-8669
treilly@egas.net

9081 STATE ROUTE 250
STRASBURG, OH 44680
ATTN.: MARK WETZEL
OFFICE: 330-878-4303
EMERGENCY: 800-848-5589
FAX: 330-878-5614
CELL: 330-204-3008
mwetzel@egas.net

WATER
AQUA OHIO
8644 STATION STREET
MENTOR, OHIO 44060-4316
ATTN.: BILL BOWERS
OFFICE: 440-255-7280 EXT. 50611
CELL: 216-905-8362
wmbowers@aquaamerica.com

ALSO ATTN: JAMES WATSON
OFFICE: 440-255-3984 EXT. 50614
JAWatson@aquaamerica.com

ELECTRIC
ILLUMINATING CO (FIRST ENERGY)
6896 MILLER ROAD
BRECKSVILLE, OHIO 44141
ATTN.: JOHN ZASSICK
PHONE: 440-546-8706
jmzassick@firstenergycorp.com

LAKE COUNTY
LAKE COUNTY DEPARTMENT
OF UTILITIES
ADMINISTRATION BUILDING
105 MAIN STREET
PAINESVILLE, OHIO 44077

DEPUTY SANITARY ENGINEER
ATTN.: SARAH A. CEROVSKI
PHONE: 440-350-2652
FAX: 440-350-5784
sarah.cerovski@lakecountyyohio.gov

LAKE COUNTY WATER
LAKE COUNTY WATER
ADMINISTRATION BUILDING
105 MAIN STREET
PAINESVILLE, OHIO 44077

DEPUTY SANITARY ENGINEER
ATTN.: SARAH A. CEROVSKI
PHONE: 440-350-2652
FAX: 440-350-5784
sarah.cerovski@lakecountyyohio.gov

LAKE COUNTY
CONCORD TOWNSHIP
7229 RAVENNA ROAD
CONCORD TWP, OHIO 44077
ATTN.: ANDY ROSE
PHONE: 440-354-7513
arose@concordtwp.com

CITY OF WILLOUGHBY
CITY OF WILLOUGHBY (SERVICES - SEWER & TRAFFIC)
ONE PUBLIC SQUARE
WILLOUGHBY, OHIO 44094
ATTN.: RICK PALMISANO
OFFICE: 440-953-4308
CELL: 440-221-8732
rpalmisano@willoughbyohio.com

CITY OF KIRTLAND
CITY OF KIRTLAND
9301 CHILLICOTHE ROAD
KIRTLAND, OHIO 44094
ATTN.: DOUGLAS G. COURTNEY, P.E., CITY ENGINEER
OFFICE: 440-449-4005 EXT. 5745
dcourtney@cwccourtney.com

ODOT DISTRICT 12
ODOT DISTRICT 12 (TRAFFIC)
5500 TRANSPOTATION BOULEVARD
GARFIELD HEIGHTS, OHIO 44125
PHONE: 216-584-2296

ODOT CENTRAL OFFICE
ODOT CO ITS
1606 W BROAD ST
COLUMBUS, OHIO 43223
PHONE: 614-387-4113
cen.its.lah@dot.ohio.gov
TARA ALSTON
PHONE: 614-644-6295
tara.alston@dot.ohio.gov

EXISTING BASE MAPPING

THE EXISTING BASE MAP WAS CREATED USING A COMBINATION OF RECORD PLANS, AND SITE -SPECIFIC PHOTOGRAPHS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING FEATURES AND UTILITY LOCATIONS BEFORE AN INSTALLATION IS PERFORMED.

SURVEYING PARAMETERS - OHIO COUNTY COORDINATE SYSTEM (OCCS)

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

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

PROJECT CONTROL
POSITIONING METHOD: ODOT REAL TIME NETWORK (2011),
STATIC GNSS, AND
DIFFERENTIAL LEVELING

MONUMENT TYPE: TYPE A ALONG CORRIDOR AND
FOR GEODETIC POINTS

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: 12A/B 18

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83(2011 ADJ, 2010.0)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFROMAL CONIC
COORDINATE SYSTEM: OHIO COUNTY COORDINATE SYSTEM
LAKE COUNTY

LDP PROJECTION PARAMETERS:
PROJECTION: LLC 1 PARALLEL
CENTRAL LATITUDE: N 41°48'00"
CENTRAL LONGITUDE: E 278°45'00"
FALSE NORTHING: 100,000 METERS
FALSE EASTING: 50,000 METERS
PROJECTION SCALE FACTOR: 1.000031

UNITS ARE IN U.S. SURVEY FEET.
USE THE FOLLOWING CONVERSION FACTOR:
1 METER = 3.280833333 U.S. SURVEY FEET

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.

BASIS OF BEARINGS:
BEARINGS ARE BASED ON GRID NORTH OF THE O.D.O.T.
LOW DISTORTION PROJECTION – LAKE COUNTY

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.

ITEM 619, FIELD OFFICE, TYPE B, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF CMS 619, THE CONTRACTOR SHALL FURNISH AND SET UP A WI-FI ROUTER MEETING THE REQUIREMENTS OF IEEE 802.11 AC FOR THE EXCLUSIVE USE OF THE DEPARTMENT.

ALL OTHER FIELD OFFICE ITEMS SUPPLIED SHALL MEET THE REQUIREMENTS OF A TYPE B FIELD OFFICE.

ITEM 619 - FIELD OFFICE, TYPE B, AS PER PLAN 9 MONTHS

ROADWAY

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.

CONSTRUCT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR PROPOSAL, THE CONSTRUCTION LIMITS ARE IDENTIFIED AS 30 FEET FROM THE EDGE OF PAVEMENT.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING (CONT'D)

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 201 - CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE MASH 2016 TYPE E TANGENETIAL END TREATMENTS FOR TYPE MGS GUARDRAIL AS LISTED UNDER "PRODUCTS ACCEPTED FOR NEW INSTALLATIONS" ON THE ROADWAY APPROVED PRODUCTS LIST POSTED ON ROADWAY ENGINEERING'S WEB PAGE. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. REFER TO THE POSTED SHOP DRAWINGS FOR THE MOST CURRENT APPROVED PRODUCT MODELS.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH SOLID FLUORESCENT YELLOW REBOUNDABLE RETROREFLECTIVE SHEETING, PER CMS 730.191.

WHEN THE FACE OF THE ADJACENT (ATTACHED) GUARDRAIL IS LESS THAN 4' OFFSET FROM THE PROPOSED EDGE LINE, AND PERMITTING SITE CONDITIONS EXIST: THE PROPOSED TYPE E ANCHOR ASSEMBLY SHALL BE INSTALLED AT A CONSISTENT FLARE RATE THROUGH THE FULL LENGTH OF THE SYSTEM. THE FLARE RATE SHALL BE A MAXIMUM OF 25:1 (RESULTING IN A 2' OFFSET). THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE SHOP DRAWINGS, PRODUCT INSTALLATION MANUAL/GUIDANCE, AND AS DIRECTED BY THE ENGINEER.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

DESIGN AGENCY

AECOM

DESIGNER

SMS

REVIEWER

MAW 10-23-25

PROJECT ID

122092

SHEET

P.7

TOTAL

P.66

ROADWAY (CONTINUED)

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

PAVING UNDER GUARDRAIL

THIS OPERATION SHALL INCLUDE PREPARATION OF THE GRADED SHOULDER USING ITEM 209, LINEAR GRADING, AS PER PLAN AND PAVING UNDER THE GUARDRAIL USING 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), UNDER GUARDRAIL, AS PER PLAN. THE ASPHALT CONCRETE SHALL BE INSTALLED AT A UNIFORM THICKNESS OF 1.75" AND AT A WIDTH OF 4' (TYP.), AS DIRECTED BY THE PROJECT ENGINEER.

ITEM 209, LINEAR GRADING, AS PER PLAN SHALL CONSIST OF EXCAVATING TOPSOIL, AND PLACING GRANULAR MATERIAL.

ALL COLLECTED DEBRIS AND TOPSOIL, INCLUDING RHIZOMES, ROOTS AND OTHER VEGETATIVE PLANT MATERIAL SHALL BE REMOVED AND DISPOSED OF AS SPECIFIED IN 105.17. THE REMOVED MATERIAL SHALL BE REPLACED WITH COMPACTABLE GRANULAR MATERIAL CONFORMING TO 703.16 PLACED TO GRADE AS DETAILED ON THE TYPICAL SECTION OR AS APPROVED BY THE ENGINEER.

ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 209, LINEAR GRADING, AS PER PLAN.

PAVING UNDER GUARDRAIL SHALL CONSIST OF PLACING ITEM 441 TO THE DEPTH SPECIFIED USING ONE OF THE FOLLOWING METHODS:

METHOD A:

- 1. SET GUARDRAIL POSTS
- 2. PLACE ITEM 441

METHOD B:

- 1. PLACE ITEM 441
- 2. BORE ASPHALT AT POST LOCATIONS (MAY BE OMITTED IF STEEL POSTS ARE USED)
- 3. SET GUARDRAIL POSTS
- 4. PATCH AROUND POSTS. THE MATERIALS USED FOR PATCHING SHALL BE AN ASPHALT CONCRETE APPROVED BY THE ENGINEER. PATCHED AREAS SHALL BE COMPACTED USING EITHER HAND OR MECHANICAL METHODS. FINISHED SURFACES SHALL BE SMOOTH AND SLOPED TO DRAIN AWAY FROM THE POSTS.

ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PERFORM THE WORK OUTLINED ABOVE, WITH THE EXCEPTION OF SETTING GUARDRAIL POSTS, SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 441, ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 1 (448), UNDER GUARDRAIL, AS PER PLAN.

EROSION CONTROL

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SOIL ANALYSIS TEST	2 EACH
659, TOPSOIL	477 CY
659, SEEDING AND MULCHING	4500 SY
659, REPAIR SEEDING AND MULCHING	230 SY
659, INTER-SEEDING	230 SY
659, COMMERCIAL FERTILIZER	0.63 TON
659, LIME	0.93 ACRES
659, WATER	25 MGAL
659, MOWING	10 MSF

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

ITEM 832 - EROSION CONTROL

THE FOLLOWING QUANTITY HAS BEEN PROVIDED FOR EROSION CONTROL IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT SUPPLEMENTAL SPECIFICATION 832 AND HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 832 - EROSION CONTROL	35,000 EACH
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TRAFFIC SIGNALS

ITEM 625 - PULL BOX, MISC.: CORE DRILL FOR MICRO-DUCT, 4 CELL 1 1/2" PATHWAY

THE CONTRACTOR SHALL CORE DRILL INTO THE EXISTING PULL BOX AND TIE IN THE PROPOSED FIBER OPTIC LINE.

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

ITEM 633 - CONTROLLER WORK PAD, AS PER PLAN

THE CONTRACTOR SHALL INSTALL A 5'X5' WORK PAD ADJACENT TO THE MOW PAD OF THE 32" PULL BOX AT EACH VARIABLE SPEED LIMIT (VSL) SIGN PER C&MS 633.13. IN GENERAL, THE 32" PULL BOX AND WORK PAD SHALL BE PLACED BEHIND THE VSL TO ALLOW FOR MAINTENANCE ACCESS. THE CONTRACTOR SHALL GRADE THE SURROUNDING AREA SLIGHTLY IN ORDER TO INSTALL A LEVEL WORK PAD AND RESTORE SITE CONDITIONS AS APPROVED BY THE PROJECT ENGINEER.

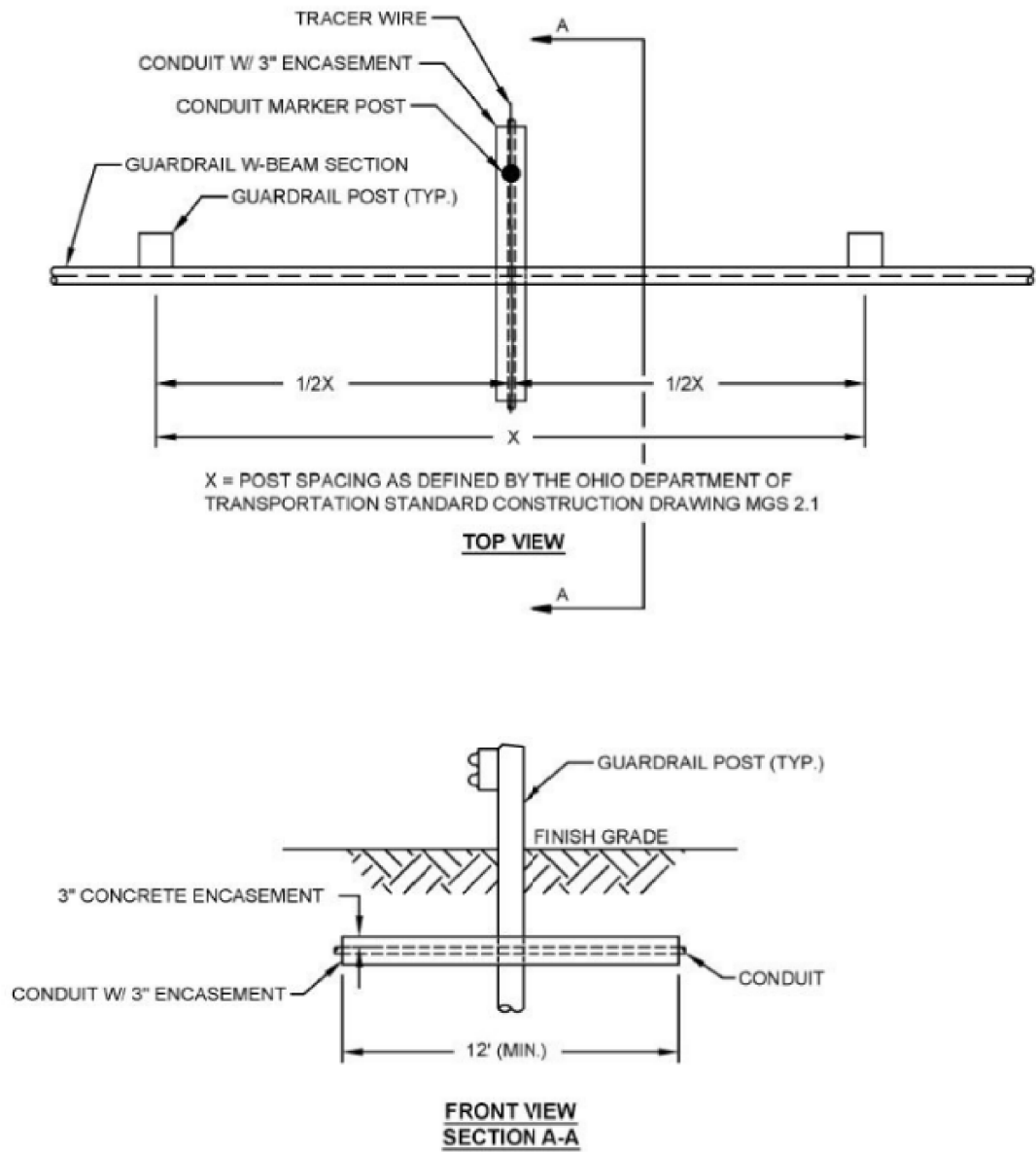
PAYMENT FOR ALL OF THE ABOVE WORK SHALL BE INCIDENTAL TO THE UNIT BID PRICE FOR ITEM 633 - CONTROLLER WORK PAD, AS PER PLAN AND SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO CONSTRUCT THE ITEM.

TRAFFIC CONTROL

MICRO-DUCT PATHWAY CONCRETE ENCASEMENT UNDER EXISTING GUARDRAIL

ANY DUCT THAT IS WITHIN 6' OF EXISTING GUARDRAIL SHALL BE TRENCHED AND ENCASED WITH CONCRETE.

NO DUCT SHALL CROSS UNDERNEATH GUARDRAIL AT ANY POINT WITHIN THE PROJECT WITHOUT PRIOR APPROVAL FROM THE ENGINEER.



MAINTAINING ITS DURING CONSTRUCTION

THE CONTRACTOR SHALL MAINTAIN ALL PREEXISTING OR NEWLY INSTALLED PERMANENT ITS/TRAFFIC DEVICES AND INFRASTRUCTURE DURING CONSTRUCTION ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809.

TRENCH IN PAVED AREAS - JACKING AND BORING

WHEN CIRCUITS REQUIRE CROSSING UNDER EXISTING RAMP, MAINLINE OR ARTERIAL PAVEMENT OPEN TO TRAFFIC, STEEL CONDUIT (3-INCH DIAMETER) IS OFTEN JACKED OR BORED UNDER THE PAVEMENT TO MINIMIZE DISRUPTION TO TRAFFIC AND THE PAVEMENT ITSELF. PUSH PITS MUST BE DUG BEHIND GUARDRAIL OR BEYOND THE BACK OF THE PAVED BERM, AS SHOWN ON TRAFFIC SCD HL-30.22. CONCRETE PULL BOXES ARE USUALLY INSTALLED AT THE ENDS OF THE JACKED CONDUIT FOR CABLE SPLICING PURPOSES.

TRAFFIC CONTROL (CONTINUED)

ITEM 809 - CCTV POLE, 70' TALL

THE CONTRACTOR SHALL FURNISH AND INSTALL THIS ITEM ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809, AS WELL AS ANY STANDARD CONSTRUCTION DRAWINGS NOTED ON THE PLANS. THE CONTRACTOR SHALL PROVIDE AND INSTALL ONE COMPLETE LOWERING UNIT TOOL ASSEMBLY PER CAMERA FOR LOWERING CAMERAS PER SUPPLEMENTAL SPECIFICATION 809 (PAID SEPARATELY).

FOR THIS SITE, LOCATED AT STA. 372+33.20, THE POLE HEIGHT SHALL BE 70 FT ABOVE GROUND. THE EMBEDMENT DEPTH FOR A CONCRETE POLE SHALL BE 12 FT. A SPECIAL FOUNDATION DESIGN IS NOT REQUIRED FOR A STEEL POLE.

FOR THIS SITE, LOCATED AT STA. 408+83.82, THE POLE HEIGHT SHALL BE 70 FT ABOVE GROUND. THE EMBEDMENT DEPTH FOR A CONCRETE POLE SHALL BE 12 FT. A SPECIAL FOUNDATION DESIGN IS NOT REQUIRED FOR A STEEL POLE.

FOR THIS SITE, LOCATED AT STA. 516+42.86, THE POLE HEIGHT SHALL BE 70 FT ABOVE GROUND. THE EMBEDMENT DEPTH FOR A CONCRETE POLE SHALL BE 12 FT. A SPECIAL FOUNDATION DESIGN IS NOT REQUIRED FOR A STEEL POLE.

THE CONTRACTOR SHALL FURNISH/ INSTALL POLES WITH THE CORRECT LENGTH/EMBEDMENT AND ALL COUPLINGS, HANDHOLES, ETC., IN THE APPROPRIATE LOCATION ABOVE GROUND ACCORDING TO SCD ITS-12.10 OR ITS 12.11.

THE CONTRACTOR SHALL SUBMIT ALL POLE MANUFACTURER FABRICATION DRAWING SUBMITTALS AS WELL AS INSTALLATION PROCEDURES AND BACKFILL MATERIAL TO THE ENGINEER FOR ACCEPTANCE BEFORE ORDERING.

PAYMENT FOR EACH POLE COMPLETE, INSTALLED, AND ACCEPTED SHALL BE MADE AT THE UNIT BID PRICE FOR ITEM 809, CCTV POLE, 70' TALL.

ITEM 809 - ITS DEVICE, MISC.: ROAD WEATHER INFORMATION SYSTEM

THIS ITEM SHALL INCLUDE THE INSTALLATION OF THE ODOT FURNISHED RWIS CABINET WITH RPU, NON-INVASIVE PAVEMENT SENSORS AND PRESENT WEATHER VISIBILITY SENSOR AS DETAILED IN THE PLANS.

THE CONTRACTOR SHALL FURNISH AND INSTALL THIS ITEM ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809, THE MANUFACTURER'S RECOMMENDATIONS, AS WELL AS ANY STANDARD CONSTRUCTION DRAWINGS NOTED ON THE PLANS.

RWIS SPECIFICATIONS WILL COME FROM THE MANUFACTURER WHICH IS ROAD WEATHER STATION RWS200 BY VAISALA. CONTRACTOR TO COORDINATE HAVING THE MANUFACTURER'S VENDOR REPRESENTATIVE ON SITE DURING THE RWIS INSTALLATION SO THAT ADDITIONAL SUPPORT AND INFORMATION CAN BE PROVIDED. THE ODOT FURNISHED AND CONTRACTOR INSTALLED ITEMS WILL BE STORED AT THE VROOMAN ROAD ODOT DISTRICT 12 YARD (6073 VROOMAN ROAD, LEROY TWP, OHIO 44077) FOR CONTRACTOR PICK-UP. PAYMENT FOR ALL OF THE ABOVE WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE APPLICABLE ITEMS AND SHALL INCLUDE ALL LABOR NECESSARY TO INSTALL THE ODOT FURNISHED ITEMS.

ITEM 809 - PULL BOX, 32" TRAFFIC

THIS ITEM SHALL BE INSTALLED WITH "TRAFFIC" MARKED ON THE LID. THE CONTRACTOR SHALL INSTALL THIS ITEM ACCORDING TO ODOT C&MS AND SUPPLEMENTAL SPECIFICATIONS, AS WELL AS ANY STANDARD CONSTRUCTION DRAWINGS NOTED ON THE PLANS AND PER THE MANUFACTURER'S RECOMMENDATIONS.

ITEM 809 - PULL BOX, 24" ELECTRIC

THIS ITEM SHALL BE INSTALLED WITH "ELECTRIC" MARKED ON THE LID. THE CONTRACTOR SHALL INSTALL THIS ITEM ACCORDING TO ODOT C&MS, AS WELL AS ANY STANDARD CONSTRUCTION DRAWINGS NOTED ON THE PLANS AND PER THE MANUFACTURER'S RECOMMENDATIONS.

ITEM 809 - ITS CABINET - GROUND MOUNTED

THE CONTRACTOR SHALL INSTALL THIS ITEM ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATIONS 809, AS WELL AS ANY STANDARD CONSTRUCTION DRAWINGS NOTED ON THE PLANS AND PER THE MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL INSTALL WORK PADS IN ACCORDANCE WITH C&MS 633.11.

A CONCRETE WORK PAD IN ACCORDANCE WITH ITS-10.11 IS INCIDENTAL TO THE CABINET. PROVIDE CONDUITS ENTERING THE CABINET PER 809.09.A OR 809.09.B. REFER TO STANDARD CONSTRUCTION DRAWING ITS-10.11.

ITEM 809 - ITS POWER SERVICE, POLE MOUNTED, 120/240V, 100 AMP, AS PER PLAN

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS NECESSARY FOR POWER SERVICE PER ODOT SCD ITS-15.11 AND ODOT SUPPLEMENTAL SPECIFICATIONS 809 AND 909.

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL EQUIPMENT NECESSARY TO PROVIDE COMPLETE ELECTRICAL SERVICE TO EACH SIGNAL INSTALLATION AS SHOWN ON THE PLANS. MAKE ALL NECESSARY ARRANGEMENTS WITH THE LOCAL ELECTRICAL POWER COMPANY FOR CONNECTIONS TO ESTABLISH ELECTRICAL SERVICE. CHARGES MADE BY THE POWER COMPANY FOR ESTABLISHING OF THE ACCOUNT, EXTENSION OF THE COMPANY FACILITIES, CONNECTION OF CUSTOMER EQUIPMENT TO THE POWER COMPANY FACILITIES AND ENERGY WILL BE BORNE BY THE MAINTAINING AGENCY. THE COMPENSATION IS FOR INVOICED COST WITHOUT MARK-UP.

ITEM 809 - VARIABLE SPEED LIMIT SIGN WITH BEACONS, AS PER PLAN

AT LOCATIONS SHOWN IN THE PLANS, THE CONTRACTOR SHALL FURNISH AND INSTALL VARIABLE SPEED LIMIT (VSL) SIGNS ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATIONS 809.04 AND 909.17. VSL SIGN EQUIPMENT SHALL BE LISTED IN THE ODOT TRAFFIC AUTHORIZED PRODUCT LIST.

SPEED LIMIT SIGN BEACONS SHALL BE INSTALLED WITH EACH VSL SIGN LOCATION FOR ADDITIONAL WARNING TO DRIVERS TO INDICATE THAT THE SPEED LIMIT SHOWN IS IN EFFECT.

A SPEED LIMIT SIGN BEACON SHALL CONSIST OF TWO SIGNAL SECTIONS OF A STANDARD TRAFFIC CONTROL SIGNAL FACE, WITH A FLASHING CIRCULAR YELLOW SIGNAL INDICATION IN EACH SIGNAL SECTION. THE SIGNAL LENSES SHALL HAVE A NOMINAL DIAMETER OF 12 INCHES. SIGNAL SECTIONS SHALL BE VERTICALLY ALIGNED, ONE ABOVE AND ONE BELOW THE VSL, AND SHALL BE ALTERNATELY FLASHED WHEN THE BEACON IS ACTIVATED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INTEGRATING THE SPEED LIMIT SIGN BEACON INTO THE VSL SIGN TO ESTABLISH NETWORK COMMUNICATIONS FOR ACTIVATION CONTROL.

THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE SPEED LIMIT BEACON PORTION OF WORK TO THE ENGINEER AND ODOT AND MUST OBTAIN WRITTEN APPROVAL PRIOR TO ORDERING SAID SPEED LIMIT BEACON.

THE DEPARTMENT WILL MEASURE VARIABLE SPEED LIMIT SIGNS WITH BEACONS, AS PER PLAN, BY THE NUMBER OF EACH, COMPLETE AND IN PLACE, AND WILL INCLUDE THE COSTS FOR EQUIPMENT, LABOR, INTERGRATION, SPEED LIMIT SIGN BEACON, AND MISCELLANEOUS MATERIALS.

ITEM 809 - ITS DEVICE, MISC.: BEACONS, AS PER PLAN

AT LOCATIONS SHOWN IN THE PLANS, THE CONTRACTOR SHALL FURNISH AND INSTALL SPEED LIMIT SIGN BEACONS WITH EACH EXISTING VSL SIGN LOCATION FOR ADDITIONAL WARNING TO DRIVERS TO INDICATE THAT THE SPEED LIMIT SHOWN IS IN EFFECT.

A SPEED LIMIT SIGN BEACON SHALL CONSIST OF TWO SIGNAL SECTIONS OF A STANDARD TRAFFIC CONTROL SIGNAL FACE, WITH A FLASHING CIRCULAR YELLOW SIGNAL INDICATION IN EACH SIGNAL SECTION. THE SIGNAL LENSES SHALL HAVE A NOMINAL DIAMETER OF 12 INCHES. SIGNAL SECTIONS SHALL BE VERTICALLY ALIGNED, ONE ABOVE AND ONE BELOW THE VSL, AND SHALL BE ALTERNATELY FLASHED WHEN THE BEACON IS ACTIVATED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INTEGRATING THE SPEED LIMIT SIGN BEACON INTO THE EXISTING VSL SIGN TO ESTABLISH NETWORK COMMUNICATIONS FOR ACTIVATION CONTROL.

THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE SPEED LIMIT BEACON PORTION OF WORK TO THE ENGINEER AND ODOT AND MUST OBTAIN WRITTEN APPROVAL PRIOR TO ORDERING SAID SPEED LIMIT BEACON.

THE DEPARTMENT WILL MEASURE BEACONS, AS PER PLAN, BY THE NUMBER OF EACH, COMPLETE AND IN PLACE, AND WILL INCLUDE THE COSTS FOR EQUIPMENT, LABOR, INTERGRATION, SPEED LIMIT SIGN BEACON, AND MISCELLANEOUS MATERIALS.

DESIGN AGENCY

AECOM

DESIGNER

HMP

REVIEWER

MAW 10-23-25

PROJECT ID

122092

SHEET

P.10

TOTAL

P.66

ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR)
FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS
OTHER THAN THE USES SPECIFIED BELOW SHALL NOT BE
PERMITTED AT PROJECT COST NOR TIME COMPENSATION.
LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT
FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND
THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL
CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS
AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT
AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC
CONTROL TASKS:

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

DURING A TRAFFIC SIGNAL INSTALLATION WHEN
IMPACTING THE NORMAL FUNCTION OF THE SIGNAL
OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS
TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC
SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G.,
DIRECTING MOTORISTS THROUGH A RED LIGHT).

DURING PERIODS WHERE TRAFFIC NEEDS TO BE
DIRECTED CONTRARY TO A TRAFFIC CONTROL DEVICE
(FLAGGER, SIGN [E.G. STOP SIGN, STREET OR HIGHWAY
SIGNS, ETC], SIGNAL OR OTHER DEVICE USED TO REGULATE,
WARN OR GUIDE TRAFFIC). TRAFFIC IN THIS INSTANCE
INCLUDES VEHICULAR,
PEDESTRIAN AND/OR SHARED USE PATH USERS.

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD,
A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-
MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF
THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED
FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED
BY THE ENGINEER:

FOR LANE CLOSURES THAT MEET ALL OF THE CRITERIA LISTED
BELOW: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS,
SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE
CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE
CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR
CHANGES IN TRAFFIC CONTROL SETUP).

- o CRITERIA
ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR
EXPRESSWAY; AND, AN AUTHORIZED SPEED LIMIT OF 45 MPH
OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION;
AND, AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER
PERCENT TRUCKS)

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE
SAME SIDE AS THE LANE RESTRICTION (OR AT THE POINT OF ROAD CLOSURE),
AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED
INTERSECTIONS AND/OR IN CONTRARY TO OTHER TRAFFIC CONTROL DEVICES
IN WORK ZONES.

LEOS 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.

ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR)
FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS (CONTINUED)

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR.
THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES
OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING
THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS.
THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND
PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN
THE TWO PARTIES.

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO
THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON
THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.THE LEO
SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START
OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING
SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT.
THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR
THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL
REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.
SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE,
THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL
PROVIDE THE LEOWITH A TWO-WAY COMMUNICATION DEVICE
THAT SHALL BE RETURNED TO THE CONTRACTOR AT THE END
OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC
MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A
UNIT PRICE (HOURLY) BASIS UNDER ITEM 614,
LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR
ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES
HAVE BEEN CARRIED TO THE GENERAL
SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR
ASSISTANCE60 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED
BY THE LAW ENFORCEMENT AGENCY INVOLVED.ANY ADDITIONAL COSTS
(ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN
THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR
ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

DESIGN AGENCY

AECOM

DESIGNER

HMP

REVIEWER

MAW 10-23-25

PROJECT ID

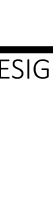
122092

SHEET

P.11A

TOTAL

P.66

GENERAL SUMMARY	
DESIGN AGENCY	
	
DESIGNER	SMS
REVIEWER	MAW 10-23-25
PROJECT ID	122092
SHEET	TOTAL
P.12	P.66

SHEET NUMBER													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
P.11	P.11A	P.29	P.43	P.48									01/IMS		EXT	TOTAL			
				2									2	804	34030	2	EACH	TRAFFIC SIGNALS (CONT'D)	
				96									96	804	35000	96	EACH	FIBER TERMINATION PANEL, 48 FIBER	
				8									8	804	37000	8	EACH	FUSION SPLICE	
																	EACH	SPLICE ENCLOSURE, BUTT STYLE	
		23	12	28									63	809	01900	63	EACH	ITS PULL BOX WITH PAD AND STANDARD LID ASSEMBLY, 32" WIDE, TYPE 1	
		3											3	809	01920	3	EACH	ITS PULL BOX WITH PAD AND HINGED LID ASSEMBLY, 32" WIDE, TYPE 1	
				20,810									20,810	809	20020	20,810	FT	MICRO-DUCT PATHWAY, 4 CELL 1¼ ₁₀	
				5,830									5,830	809	22000	5,830	FT	MICRO-DUCT PATHWAY, JACKED OR DRILLED, 4 CELL 1¼ ₁₀	
		1,406	1,020										2,426	809	24000	2,426	FT	CONDUIT, MULTICELL, JACKED OR DRILLED, 4"	
		2,153											2,153	809	24500	2,153	FT	CONDUIT, 4", MULTICELL, HDPE WITH 4 - 1" INNERDUCTS	
		7											7	809	55100	7	EACH	ITS POWER SERVICE, POLE MOUNTED, 120/240V, 100 AMP, AS PER PLAN	P.9
		3											3	809	60000	3	EACH	CCTV IP-CAMERA SYSTEM, PTZ	
		3											3	809	61040	3	EACH	CCTV POLE, 70' TALL	
		3											3	809	61090	3	EACH	CCTV LOWERING UNIT	
		3											3	809	63010	3	EACH	DYNAMIC MESSAGE SIGN (DMS), FRONT-ACCESS	
		21	12										33	809	64000	33	EACH	VARIABLE SPEED LIMIT SIGN WITH BEACONS, AS PER PLAN	P.9
		6,065	1,620	230									7,915	809	64550	7,915	FT	ETHERNET CABLE, OUTDOOR-RATED	
		8											8	809	65000	8	EACH	ITS CABINET - GROUND MOUNTED	
		3											3	809	65020	3	EACH	ITS CABINET - POWER DISTRIBUTION CABINET (PDC)	
		2											2	809	65990	2	EACH	ITS DEVICE, MISC.: ROAD WEATHER INFORMATION SYSTEM	P.9
			19										19	809	65990	19	EACH	ITS DEVICE, MISC.: BEACONS, AS PER PLAN	P.9
													LS	809	70050	LS		AS-BUILT CONSTRUCTION PLANS	
	60												60	614	11110	60	hour	MAINTENANCE OF TRAFFIC	P.11A
																		LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
																		INCIDENTALS	
													LS	614	11000	LS		MAINTAINING TRAFFIC	
9													9	619	16011	9	MNTH	FIELD OFFICE, TYPE B, AS PER PLAN	P.7
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

DESIGN AGENCY

AECOM

DESIGNER

SMS

REVIEWER

MAW 10-23-25

PROJECT ID

122092

SHEET

P.13

TOTAL

P.66

GENERAL SUMMARY

MODEL: Plan 1 - Plan 1 [Sheet] PAPER:SIZE: 34x22 (in.) DATE: 1/23/2026 TIME: 2:51:34 PM USER: PetersonH
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REF NO.	SITE NO.	SHEET NO.	STATION TO STATION				625	625	625	625	625	625	625	625	625	630	630	630	630	630	630	633	633				
							NO. 6 AWG 600 VOLT DISTRIBUTION CABLE	CONDUIT, 2", 725.04	CONDUIT, 2", 725.051	CONDUIT, 3", 725.04	CONDUIT, 3", 725.051	CONDUIT, JACKED OR DRILLED, 725.051, 2"	TRENCH, 30" DEEP	PULL BOX, 725.08, 24"	GROUND ROD	UNDERGROUND WARNING/MARKING TAPE	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4x7.7	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8x18	BREAKAWAY STRUCTURAL BEAM CONNECTION	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	CABINET FOUNDATION	CONTROLLER WORK PAD, AS PER PLAN			
							FT	FT	FT	FT	FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH				
ITS-101	1	P.33	370+63.51	RT			30	20						1		30		2	2				1				
ITS-102	1	P.33	370+58.65	RT	TO	370+63.51		16					16														
ITS-103	1	P.33	370+63.51	RT	TO	370+64.19	45	15					15														
ITS-104	1	P.33	370+60.78	RT			30	20						1		30		2	2				1				
ITS-105	1	P.33	370+58.50	RT	TO	370+60.78		8					8			8											
ITS-106	1	P.33	370+60.78	RT	TO	370+64.16	27	9					9			9											
ITS-107	1	P.33	370+50.38	RT			36	9						1													
ITS-108	1	P.33	370+50.38	RT	TO	370+55.39	20		5				5			5											
PB-101	1	P.33	370+55.39	RT			80							1	1												
ITS-109	1	P.33	370+55.39	RT	TO	370+64.16	132		33				33			33											
PB-102	1	P.33	370+58.50	RT										1													
ITS-110	1	P.33	370+58.50	RT	TO	370+58.65																					
PB-103	1	P.33	370+58.65	RT										1													
ITS-111	1	P.33	370+58.65	RT	TO	372+53.77																					
PB-104	1	P.33	370+64.19	RT			170						1	1													
ITS-112	1	P.33	370+64.16	RT	TO	370+64.19	546					78															
ITS-113	1	P.33	370+64.19	RT	TO	372+53.34	1582					452															
PB-105	1	P.33	370+64.16	RT			140							1	1												
ITS-114	1	P.33	372+35.72	LT						70					1												
ITS-115	1	P.33	372+35.72	LT	TO	372+53.46					36		18			18											
ITS-116	1	P.33	372+43.21	LT										1								1					
ITS-117	1	P.33	372+43.21	LT	TO	372+53.34	221		39				13			13											
ITS-118	1	P.33	372+46.71	LT										1								1					
ITS-119	1	P.33	372+46.71	LT	TO	372+53.46			32				8			8											
ITS-120	1	P.33	372+46.71	LT	TO	372+53.34	80		8				8			8											
PB-106	1	P.33	372+49.05	LT			170							1	1												
ITS-121	1	P.33	372+54.84	LT	TO	372+54.58	225				75																
ITS-122	1	P.33	372+49.05	LT	TO	372+53.34	469		134				67			67											
ITS-123	1	P.33	372+49.05	LT	TO	372+63.38	57	19					19			19											
ITS-124	1	P.33	372+49.05	LT	TO	372+66.88	108	27					27			27											
PB-107	1	P.33	372+49.01	LT			60							1	1												
ITS-125	1	P.33	372+49.01	LT	TO	372+63.33	54	18					18			18											
ITS-126	1	P.33	372+53.46	RT	TO	372+54.84							85			85											
PB-108	1	P.33	372+53.34	LT			410							1	1												
PB-109	1	P.33	372+54.58	LT										1													
ITS-127	1	P.33	372+54.84	LT	TO	372+54.58																					
ITS-128	1	P.33	372+54.58	LT	TO	372+63.38		10					10			10											
PB-110	1	P.33	372+54.84	LT										1													
ITS-129	1	P.33	372+54.84	LT	TO	372+63.38		9					9			9											
ITS-130	1	P.33	372+54.84	LT	TO	372+66.51		25					25			25											
ITS-131	1	P.33	372+63.38	LT			30	20						1		30		2	2				1				
ITS-132	1	P.33	372+63.38	LT			30	20						1		30		2	2				1				
ITS-133	1	P.33	372+66.88	LT			40	20						1			45	3	3								
ITS-134	1	P.33	370+71.40	RT															1	2							
SUBTOTALS (CARRIED TO P.26)							4792	265	251	70	36	605	393	6	19	393	120	45	11	11	1	2	2	4			

ITS SUBSUMMARY
SITE 1 - GARFIELD ROAD OVERPASS

DESIGN AGENCY
AECOM

DESIGNER
SMS

REVIEWER
MAW

PROJECT ID
10-23-25

PROJECT ID
122092

SHEET
P.14

TOTAL
P.66

ITS SUBSUMMARY SITE 2 - SR 615 WB ON RAMP	
DESIGN AGENCY AECOM	
DESIGNER SMS	
REVIEWER MAW 10-23-25	
PROJECT ID 122092	
SHEET P.16	TOTAL P.66

ITS SUBSUMMARY SITE 3 - SR 615 EB ON RAMP	
DESIGN AGENCY AECOM	
DESIGNER SMS	
REVIEWER MAW 10-23-25	
PROJECT ID 122092	
SHEET P.18	TOTAL P.66

REF NO.	SITE NO.	SHEET NO.	STATION TO STATION				804	809	809	809	809	809	809	809	809	809	809	809								
							DROP CABLE, 48 FIBER FT	ITS PULL BOX WITH PAD AND STANDARD LID ASSEMBLY, 32" WIDE, TYPE 1 EACH	ITS PULL BOX WITH PAD AND HINGED LID ASSEMBLY, 32" WIDE, TYPE 1 EACH	CONDUIT, MULTICELL, JACKED OR DRILLED, 4" FT	CONDUIT, 4", MULTICELL, HDPE WITH 4 - 1" INNERDUCTS FT	ITS POWER SERVICE, POLE MOUNTED, 120/240V, 100 AMP, AS PER PLAN EACH	CCTV IP-CAMERA SYSTEM, PTZ EACH	CCTV POLE, 70' TALL EACH	CCTV LOWERING UNIT EACH	DYNAMIC MESSAGE SIGN (DMS), FRONT-ACCESS EACH	VARIABLE SPEED LIMIT SIGN WITH BEACONS, AS PER PLAN EACH	ETHERNET CABLE, OUTDOOR-RATED FT	ITS CABINET - GROUND MOUNTED EACH	ITS CABINET - POWER DISTRIBUTION CABINET (PDC) EACH	ITS DEVICE, MISC.-ROAD WEATHER INFORMATION SYSTEM EACH					
ITS-301	3	P.35	408+16.97	RT						1																
ITS-302	3	P.35	408+16.97	RT	TO	408+17.90	RT																			
PB-301	3	P.35	408+17.90	RT																						
ITS-303	3	P.35	408+17.90	RT	TO	408+60.58	RT																			
PB-302	3	P.35	408+54.04	RT																						
ITS-304	3	P.35	408+54.04	RT	TO	408+60.58	RT																			
ITS-305	3	P.35	408+54.04	RT	TO	410+23.91	RT																			
PB-303	3	P.35	408+60.58	RT																						
ITS-306	3	P.35	408+54.95	LT							1	1	1				70									
ITS-307	3	P.35	408+54.95	LT	TO	408+67.93	LT										17									
ITS-308	3	P.35	408+59.05	LT														1								
ITS-309	3	P.35	408+59.05	LT	TO	408+69.40	LT	10									30									
ITS-310	3	P.35	408+59.05	LT	TO	408+67.94	LT																			
ITS-311	3	P.35	408+67.20	LT						70							70				1					
ITS-312	3	P.35	408+69.40	LT	TO	408+67.20	LT			21							21									
ITS-313	3	P.35	408+67.94	RT	TO	408+67.20	RT																			
PB-304	3	P.35	480+67.94	RT																						
ITS-314	3	P.35	480+67.94	RT	TO	410+51.98	RT																			
PB-305	3	P.35	408+69.40	LT			20	1									50									
ITS-315	3	P.35	408+69.40	LT	TO	410+57.71	RT	202			202						202									
ITS-316	3	P.35	410+12.64	RT													1	10								
ITS-317	3	P.35	410+12.64	RT	TO	410+23.91	RT																			
ITS-318	3	P.35	410+12.64	RT	TO	410+24.80	RT										13									
PB-306	3	P.35	410+23.91	RT																						
ITS-319	3	P.35	410+23.91	RT	TO	410+35.36	RT																			
ITS-320	3	P.35	410+23.91	RT	TO	410+52.02	RT																			
PB-307	3	P.35	410+24.80	RT			20		1								20									
ITS-321	3	P.35	410+24.80	RT	TO	410+35.36	RT	11			11						11									
ITS-322	3	P.35	410+24.80	RT	TO	410+59.72	RT	81			81															
ITS-323	3	P.35	410+35.36	RT														1								
PB-308	3	P.35	410+52.02	RT																						
ITS-324	3	P.35	410+51.98	RT	TO	410+52.02	RT																			
PB-309	3	P.35	410+52.02	RT																						
ITS-325	3	P.35	408+58.70	RT						70							70			1						
ITS-326	3	P.35	408+58.70	RT	TO	408+67.94	RT																			
ITS-327	3	P.35	408+58.70	RT	TO	408+68.47	LT			84							84									
SUBTOTALS (CARRIED TO P.27)							344	1	1		539	1	1	1	1		1	668	2		2					

LAK-90-8.77 VSL SIGNS

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REF NO.	SITE NO.	SHEET NO.	STATION TO STATION				625	625	625	625	625	625	625	625	625	630	630	630	630	630	630	633	633			
							NO. 6 AWG 600 VOLT DISTRIBUTION CABLE	CONDUIT, 2", 725.04	CONDUIT, 2", 725.051	CONDUIT, 3", 725.04	CONDUIT, 3", 725.051	CONDUIT, JACKED OR DRILLED, 725.051, 2"	TRENCH, 30" DEEP	PULL BOX, 725.08, 24"	GROUND ROD	UNDERGROUND WARNING/MARKING TAPE	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18	BREAKAWAY STRUCTURAL BEAM CONNECTION	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	CABINET FOUNDATION	CONTROLLER WORK PAD, AS PER PLAN		
							FT	FT	FT	FT	FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH			
ITS-401	4	P.36	463+62.77	LT										1								1				
ITS-402	4	P.36	463+62.77	LT	TO	463+73.03	LT	221		39				13		13										
ITS-403	4	P.36	462+41.18	RT				40	20					1			45	3	3							
ITS-404	4	P.36	462+41.18	RT	TO	462+50.20	RT		20				20		20											
ITS-405	4	P.36	462+41.18	RT	TO	462+57.13	RT	100	25				25		25											
ITS-406	4	P.36	462+41.70	RT				30	20					1		30		2	2							
ITS-407	4	P.36	462+41.70	RT	TO	462+50.20	RT		10				10		10											
ITS-408	4	P.36	462+41.70	RT	TO	462+57.13	RT	57	19				19		19											
ITS-409	4	P.36	463+66.27	LT										1												
ITS-410	4	P.36	463+66.27	LT	TO	463+73.02	LT	80		8			8		8							1				
ITS-411	4	P.36	463+66.27	LT	TO	463+73.03	LT						8		8											
ITS-412	4	P.36	462+43.84	RT				30	20					1		30		2	2							
ITS-413	4	P.36	462+43.84	RT	TO	462+51.80	RT		9				9		9											
ITS-414	4	P.36	462+43.84	RT	TO	462+57.28	RT	51	17				17		17											
ITS-415	4	P.36	463+72.82	RT	TO	463+72.23	RT						13		13											
ITS-416	4	P.36	462+50.20	RT	TO	463+72.82	RT					150			150											
PB-401	4	P.36	463+73.02	LT				410					1	1												
ITS-417	4	P.36	463+72.90	LT	TO	462+57.13	RT	1232		352			176		176											
ITS-418	4	P.36	463+72.90	LT	TO	463+63.25	LT	413				118														
PB-402	4	P.36	463+73.03	LT										1												
ITS-419	4	P.36	463+72.97	RT	TO	463+68.76	LT																			
PB-403	4	P.36	462+50.20	RT										1												
ITS-420	4	P.36	462+51.65	RT	TO	462+51.80	RT																			
PB-404	4	P.36	462+51.80	RT										1												
PB-405	4	P.36	462+57.13	RT				170					1	1												
ITS-421	4	P.36	462+57.11	RT	TO	462+57.28	RT	243				81														
PB-406	4	P.36	462+57.28	RT				60					1	1												
ITS-422	4	P.36	463+58.05	LT				36	9					1												
ITS-423	4	P.36	463+58.05	LT	TO	463+63.05	LT	20		5			5		5											
PB-407	4	P.36	463+63.05	LT				80					1	1												
ITS-424	4	P.36	463+63.09	LT	TO	463+63.05	LT	84		21			21		21											
PB-408	4	P.36	463+63.09	LT				140					1	1												
ITS-425	4	P.36	463+63.09	LT	TO	463+63.25	LT	602				86														
ITS-426	4	P.36	463+63.09	LT	TO	463+75.97	LT	54	18				18		18											
PB-409	4	P.36	463+63.25	LT				170					1	1												
ITS-427	4	P.36	463+63.25	LT	TO	463+77.19	LT	57	19				19		19											
PB-410	4	P.36	463+69.76	LT										1												
ITS-428	4	P.36	463+68.59	LT	TO	463+68.76	LT																			
ITS-429	4	P.36	463+68.59	LT	TO	463+75.97	LT		7				7		7											
PB-411	4	P.36	463+66.68	LT										1												
ITS-430	4	P.36	463+68.76	LT	TO	463+77.19	LT		8				8		8											
ITS-431	4	P.36	463+75.98	LT				30	20					1		30		2	2							
ITS-432	4	P.36	463+77.19	LT				30	20					1		30		2	2							

ITS SUBSUMMARY SITE 4 - HART ROAD OVERPASS	
DESIGN AGENCY AECOM	
DESIGNER SMS	
REVIEWER MAW 10-23-25	
PROJECT ID 122092	
SHEET P.20	TOTAL P.66

REF NO.	SITE NO.	SHEET NO.	STATION TO STATION				625	625	625	625	625	625	625	625	625	630	630	630	630	630	630	633	633			
							NO. 6 AWG 600 VOLT DISTRIBUTION CABLE	CONDUIT, 2", 725.04	CONDUIT, 2", 725.051	CONDUIT, 3", 725.04	CONDUIT, 3", 725.051	CONDUIT, JACKED OR DRILLED, 725.051, 2"	TRENCH, 30" DEEP	PULL BOX, 725.08, 24"	GROUND ROD	UNDERGROUND WARNING/MARKING TAPE	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18	BREAKAWAY STRUCTURAL BEAM CONNECTION	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	CABINET FOUNDATION	CONTROLLER WORK PAD, AS PER PLAN		
							FT	FT	FT	FT	FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH			
PB-501	6	P.37	515+42.62	LT			80						1	1												
ITS-501	6	P.37	515+42.30	LT	TO	515+42.62	LT	20		5			5		5											
ITS-502	6	P.37	515+42.62	LT	TO	516+00.53	LT	260		65			65													
ITS-503	6	P.37	515+42.30	LT			36	9					1													
ITS-504	6	P.37	515+15.13	RT			30	20					1		30		2	2					1			
ITS-505	6	P.37	515+15.13	RT	TO	515+23.39	RT		8			8			8											
ITS-506	6	P.37	515+15.13	RT	TO	515+29.13	RT	57	19			19			19											
ITS-507	6	P.37	515+14.18	RT			30	20					1		30		2	2					1			
ITS-508	6	P.37	515+14.18	RT	TO	515+23.64	RT		10			10			10											
ITS-509	6	P.37	515+14.18	RT	TO	515+29.25	RT	60	20			20			20											
PB-502	6	P.37	515+23.39	RT									1													
ITS-510	6	P.37	515+23.39	RT	TO	515+23.64	RT						1													
PB-503	6	P.37	515+23.64	RT									1													
ITS-511	6	P.37	515+23.64	RT	TO	516+65.44	RT		160			160														
ITS-512	6	P.37	516+65.44	RT	TO	516+65.94	LT																			
PB-504	6	P.37	515+29.13	RT			60						1	1												
ITS-513	6	P.37	515+29.13	RT	TO	515+29.25	RT	255			85															
PB-505	6	P.37	515+29.25	RT			90						1	1												
ITS-514	6	P.37	515+29.25	RT	TO	516+65.44	RT	603			201															
PB-506	6	P.37	515+94.95	LT									1													
ITS-515	6	P.37	515+94.95	LT	TO	515+95.44	LT																			
ITS-516	6	P.37	515+94.95	LT	TO	516+09.31	LT		19			19			19											
PB-507	6	P.37	515+95.44	LT									1													
ITS-517	6	P.37	515+95.44	LT	TO	516+09.21	LT		20			20			20											
ITS-518	6	P.37	515+95.44	LT	TO	516+09.40	LT		28			28			28											
ITS-519	6	P.37	515+95.44	LT	TO	516+65.94	LT					136			136											
PB-508	6	P.37	516+00.53	LT			140						1	1												
ITS-520	6	P.37	516+00.53	LT	TO	516+01.05	LT	532			152															
ITS-521	6	P.37	516+00.53	LT	TO	516+09.31	LT	27	9			9			9											
PB-509	6	P.37	516+01.05	LT			210						1	1												
ITS-522	6	P.37	516+01.05	LT	TO	516+09.21	LT	24	8			8			8											
ITS-523	6	P.37	516+01.05	LT	TO	516+09.40	LT	96	24			24			24											
ITS-524	6	P.37	516+01.05	LT	TO	516+67.75	LT	805		345		115			115											
ITS-525	6	P.37	516+09.21	LT			30	20					1		30		2	2					1			
ITS-526	6	P.37	516+09.31	LT			30	20					1		30		2	2					1			
ITS-527	6	P.37	516+09.40	LT			40	20					1			45	3	3								
PB-510	6	P.37	516+67.75	LT			370						1	1												
ITS-528	6	P.37	516+59.34	LT	TO	516+67.75	LT	80		8		8			8											
ITS-529	6	P.37	516+55.84	LT	TO	516+67.74	RT	221		39		13			13											
PB-511	6	P.37	516+65.94	LT									1													
ITS-530	6	P.37	516+59.34	LT	TO	516+65.94	LT			32		8			8											
ITS-531	6	P.37	516+48.18	LT	TO	516+65.94	LT				36	18			18											
ITS-532	6	P.37	516+59.34	LT									1									1				
ITS-533	6	P.37	516+55.84	LT									1									1				
ITS-534	6	P.37	516+48.18	LT					70				1													
SUBTOTALS (CARRIED TO P.26)							4186	274	494	70	36	438	693	6	20	693	120	45	11	11		2	4			

LAK-90-8.77 VSL SIGNS

MODEL: Plan 11 - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 1/23/2026 TIME: 2:52:49 PM USER: PetersonH
pw:\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 12\Lake 1220202 401-Engineering_AECOM\Roadway\Sheets\1220202_GS011.dgn

REF NO.	SITE NO.	SHEET NO.	STATION TO STATION				625	625	625	625	625	625	625	625	625	630	630	630	630	630	630	633	633			
							NO. 6 AWG 600 VOLT DISTRIBUTION CABLE	CONDUIT, 2", 725.04	CONDUIT, 2", 725.051	CONDUIT, 3", 725.04	CONDUIT, 3", 725.051	CONDUIT, JACKED OR DRILLED, 725.051, 2"	TRENCH, 30" DEEP	PULL BOX, 725.08, 24"	GROUND ROD	UNDERGROUND WARNING/MARKING TAPE	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18	BREAKAWAY STRUCTURAL BEAM CONNECTION	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	CABINET FOUNDATION	CONTROLLER WORK PAD, AS PER PLAN		
							FT	FT	FT	FT	FT	FT	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH			
ITS-601	6	P.38	571+10.15	LT									1		9							1				
ITS-602	6	P.38	571+10.15	LT	TO	571+16.90	LT	54		9					13											
ITS-603	6	P.38	571+10.15	LT	TO	571+22.43	LT								13											
ITS-604	6	P.38	571+08.75	RT				30	20				1		30		2	2					1			
ITS-605	6	P.38	571+08.75	RT	TO	571+17.25	RT	27	9				9		9											
ITS-606	6	P.38	571+08.75	RT	TO	571+22.93	RT		19				19		19											
ITS-607	6	P.38	571+08.97	RT				30	20				1		30		2	2						1		
ITS-608	6	P.38	571+08.97	RT	TO	571+17.29	RT	24	8				8		8											
ITS-609	6	P.38	571+08.97	RT	TO	571+22.77	RT		19				19		19											
PB-601	6	P.38	571+16.78	LT				140				1	1													
ITS-610	6	P.38	571+16.90	LT	TO	571+16.78	LT	560			160															
ITS-611	6	P.38	571+16.78	LT	TO	571+29.79	LT	51	17			17			17											
ITS-612	6	P.38	571+16.78	LT	TO	573+01.68	LT	784		196					196											
PB-602	6	P.38	571+16.90	LT				190				1	1													
ITS-613	6	P.38	571+16.90	LT	TO	571+17.25	RT	426		142					142											
ITS-614	6	P.38	571+16.90	LT	TO	571+30.39	LT	42	14			14			14											
PB-603	6	P.38	571+17.25	RT				90				1	1													
ITS-615	6	P.38	571+17.25	RT	TO	571+17.29	RT	231			77															
PB-604	6	P.38	571+17.29	RT				60				1	1													
PB-605	6	P.38	571+22.26	LT								1														
ITS-616	6	P.38	571+22.26	LT	TO	571+22.43	LT																			
ITS-617	6	P.38	571+22.26	LT	TO	571+29.79	LT		9			9			9											
PB-606	6	P.38	571+22.43	LT									1													
ITS-618	6	P.38	571+22.43	LT	TO	571+22.57	RT					101			101											
ITS-619	6	P.38	571+22.43	LT	TO	571+30.39	LT		10			10			10											
ITS-620	6	P.38	571+22.57	RT	TO	571+22.93	RT					35			35											
PB-607	6	P.38	571+22.93	RT									1													
ITS-621	6	P.38	571+22.93	RT	TO	571+22.77	RT																			
PB-608	6	P.38	571+22.77	RT									1													
ITS-622	6	P.38	571+29.79	LT				30	20				1		30		2	2					1			
ITS-623	6	P.38	571+30.39	LT				30	20				1		30		2	2					1			
PB-609	6	P.38	573+01.68	LT				80				1	1													
ITS-624	6	P.38	573+01.68	LT	TO	573+03.55	LT	300			75															
PB-610	6	P.38	573+03.55	LT				80				1	1													
ITS-625	6	P.38	573+03.55	LT	TO	573+03.66	LT	20		5		5			5											
ITS-626	6	P.38	573+03.66	LT				36	9				1													

ITS SUBSUMMARY SITE 6 - LAKE AND CONCORD REST AREAS	
DESIGN AGENCY AECOM	
DESIGNER	SMS
REVIEWER	MAW 10-23-25
PROJECT ID	122092
SHEET	TOTAL
P.24	P.66

ITS SUBSUMMARY SITE 8 - AUBURN RD	
DESIGN AGENCY AECOM	
DESIGNER HMP	
REVIEWER MAW 10-23-25	
PROJECT ID 122092	
SHEET P.28	TOTAL P.66

ITS SUBSUMMARY SITE 8 - AUBURN RD	
DESIGN AGENCY	
DESIGNER	
HMP	
REVIEWER	
MAW 10-23-25	
PROJECT ID	
122092	
SHEET	TOTAL
P.29	P.66

