

MR 509  
Permit No. 21-23272-06

Office Use Only

State of Ohio  
Department of Transportation  
Permit

County or Jurisdiction FRA  
Rte SR317  
Log Pt 0.43-0.72  
Acc Cat

[1] Subject to all terms, conditions, and restrictions printed, written below and on the reverse side hereof, or attached,

Name: SummitIG, Summit Infrastructure Group, LLC  
Address: 22365 Broderick Dr Suite 250 Sterling VA 20166  
Company Phone: 804-317-4483

is hereby granted a permit under Section 5515.01 and 5515.02 of Ohio Revised Code, and permission to perform work necessary in the manner described and at the location indicated in the following or attached to this permit.

Utility - (see attached sheets)

Description of Work: Directional bore 4,815' placing (6) 1-1/2"HDPE e/w (1) 432ct fiber & (1) tracer wire, trench 1,641' placing (6) 1-1/2"HDPE e/w (1) 432ct fiber & (1) tracer wire. Project will include (1) 36"x60"x36" HH's leaving 100' slack coil and cott mark at each. Approx start date will be 2/15/2022 with a completion date of 5/16/2022

[2] This permit shall be in the possession of employees /agents of permittee on site at all times who are in charge of the work and shall be shown, upon request, to any employee of the Department of Transportation.

Contact ODOT Representative 3 days before work begins, also contact ODOT Representative when work is completed for final inspection.  
**Failure to notify the ODOT Representative could result in work stoppage!**

[3] No work authorized by this permit shall begin until the permittee has contacted and received instructions from

ODOT Representative	Charles Duerson
Phone	740-833-8000
Email Address:	charles.duerson@dot.ohio.gov
(Authorized ODOT Employee)	

NOTE: Any work performed by the permittee may be stopped if this requirement is not met.

[4] Prior to any excavation in the highway right-of-way, the Ohio811 <https://www.oups.org/excavators> must be contacted in accordance with ORC Section 3781.25 to 3781.32. Ohio811 can be reached at 1-800-362-2764 or 811.

**[5] If your utility is above ground in any way, you must mark your utility with a fluorescent colored marker that corresponds with the universal OUPS color code. The marker must be no shorter than six feet in height and you must maintain the marker. Guide wires must be marked a fluorescent yellow. Failure to mark as described, will result in the Department of Transportation being held harmless and no reimbursement for damage to your property.**

[6] All work requiring persons or vehicles within ODOT right of way shall comply with all applicable requirements of the Ohio Manual of Uniform Traffic Control Devices and Item 614 (Maintaining Traffic) of the Construction and Material Specifications, latest editions. Failure to comply with these requirements will be cause for immediate revocation or suspension of the permit until the proper traffic control devices have been provided.

[7] The permittee accepts the conditions, terms, and requirements printed, written on, or attached to this permit and understands that failure to comply fully with those conditions, terms, and requirements or any change in the use of the permit inconsistent with its terms and conditions will be considered a violation and cause for suspension, revocation, or annulment of the permit thereby rendering the permit illegal and subject to appropriate Department action, up to and including removal of the installation at the permittee's expense.

[8] Performance Bond Required? ☐ Yes ☐ No Company \_\_\_\_\_  
Effective Date \_\_\_\_\_ Expiration Date \_\_\_\_\_ Amount \$ \_\_\_\_\_

[9] This permit shall be void if the work described herein does not comply with the conditions, terms, and requirements applicable to this permit, and if the work is not completed by 08/13/2022

Dated 02/10/2022

Rev 5/6/2021

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General Provisions Applicable to All Permits  
(Sections 5515.01 and 5515.02 of O.R.C.)

- [1] This permit is not a substitute for satisfying the rights or obligations of any other party who may have an interest in the underlying fee interest.
- [2] The granting of this permit does not convey to the permittee or to the property served any rights, title, or interest in state highway rights of way or in the design or operation of the state highway; or in any way abridge the right of the Director of the Department of Transportation in his jurisdiction over state highways. If, in the process of any future work or for the benefit of the traveling public, it becomes necessary, in the opinion of the Director of Transportation to order the removal, reconstruction, relocation, or repair of any of the fixtures, or work performed under this permit, said removal, reconstruction, relocation, or repair shall be wholly at the expense of the owners thereof or the permittee and be made as directed by the Director of Transportation and within the time determined by the Director. Such changes in the state highway design or operation, necessary for improved safety and operation or for the benefit of the traveling public, shall not require a permit modification since the permit confers no private rights to the permittee over the control of the state highway.
- [3] The District Deputy Director acts for and on behalf of the Director in issuing and carrying out the provisions of all permits. The District Deputy Director has full authority to ensure that all provisions of the permit are met and to reject any materials, design, and workmanship that do not meet applicable Department standards. The District Deputy Director, at his/her discretion, may require a performance bond or certified check as a prerequisite to the issuance of a permit.
- [4] Failure on the part of the permittee to comply fully with the provisions and conditions of the permit will be cause for suspension, revocation, or annulment of the permit thereby rendering the permit illegal and subject to appropriate Departmental action. By accepting the permit, the permittee agrees to comply with all conditions, terms, and restrictions printed or written on or attached to the permit. If the permittee or its agent performs any work contrary to the conditions of the permit or to the instructions of the District Deputy Director and, after due notice, fails to correct the problem, the Department of Transportation may, with or without notice, correct or remove such work and the permittee shall reimburse the Department for the costs and shall hold the Department harmless for all results of such work.
- [5] The permittee shall indemnify and hold harmless the State of Ohio, Department of Transportation, its officers, representatives and assigns, from any and all loss, liability, damages, litigation costs, and claims for injury or death to any person, property, or business caused by or resulting from any act, omission, event, consequence, or occurrence, negligent or otherwise of the permittee, its employees, agents, or assigns as a result of the issuance of this permit.
- [6] All work authorized under the permit shall be performed to the Department's satisfaction, and the entire expense shall be borne by the permittee. No work shall be performed until the permittee has contacted the Department's appointed representative named on the permit and received instructions. The Department's representative may inspect all work covered by the permit, or the Department reserves the right, during the time any or all of the work is being performed, to appoint an inspector over the work who shall represent the interest of the State on the work and any compensation arranged for shall be paid wholly by the permit holder. Work not in compliance shall be halted and the District Deputy Director shall be notified of the cause. The permittee shall be notified of the Department's determination and given an opportunity to correct the problem. If the problem is not corrected timely or to the satisfaction of the Department, this permit will be revoked.
- [7] Failure to complete all work within the time specified on the permit shall void the permit, thereby making the permit illegal and subject to appropriate Departmental action. The permittee may request an extension in writing from the District Office, explaining why the extension is necessary and when the work is expected to be completed.
- [8] All work infringing on the pavement or shoulders shall comply with applicable standards and requirements regarding traffic control devices. Failure to comply will be cause for revocation or suspension of the permit. Any closure of lanes or shoulders shall be described in terms of location, duration, time of day, etc. Such work shall not begin until all traffic control devices are in place.
- [9] If any grading, sidewalk, or other work allowed by a permit interferes with the drainage of the highway in any way, such catch basins and outlets as necessary shall be constructed to take proper care of said drainage and any materials such as pipes and tiles damaged during any installation or repair by the permittee or its employees or agents shall be repaired immediately at the sole cost of the permittee. Permittee shall timely notify the Department of any such damage and repairs

thereto. Failure of the permittee to immediately repair the damage after it is discovered shall result in the Department performing the repair and the permittee shall reimburse the Department for the costs and shall hold the Department harmless for all the results of such work which may include removal of the permittee's facilities.

[10] Any damage to ODOT or another's property caused by the work shall be repaired by the permittee or permittee's agent or contractor in a timely manner and at the sole cost of permittee. If any emergency repairs to ODOT property are needed that cannot be performed by the permittee or permittee's agent or contractor, ODOT shall cause the repairs to be performed at the sole cost of permittee.

[11] Upon completion of the work, the permittee shall leave the highway clean of all rubbish, excess materials, temporary structures and equipment, and all parts of the highway shall be left in a condition acceptable to the Department. Upon satisfactory completion of the work authorized by the permit, the Department's appointed representative shall complete the Permit Inspection Certificate, Form No. MR 678 certifying that the permittee has complied with the terms of the permit.

[12] Except as herein authorized, no excavation shall be made or obstacle placed within the limits of the highway so as to interfere with the travel over the road.

[13] All pole lines are to be built in accordance with Rule 4901:3-1-08 of Ohio Administrative Code promulgated and enforced by the Public Utilities Commission of Ohio.

[14] All underground utilities shall be installed at a depth and horizontal distance from the road surface and any appurtenances in accordance with state and national safety standards and as pre-approved by the Department. After installation, the exact location of the utility shall be provided to the Department. The Department shall be held harmless for any damage to utilities due to insufficient or inaccurate installation or identification and all repairs shall be at the sole cost of the permittee.

[15] The permittee shall comply with the Air Pollution requirements of Rule 3745-17-08 of the Ohio Administrative Code promulgated and enforced by the Ohio Environmental Protection Agency.

[16] The permittee certifies that he or she is fully authorized to sign this permit. This permit shall apply to and be binding upon the permittee and any successors in interest. No change in ownership of the underlying property or of the facility owned by permittee shall in any way alter the permittee's obligations under this permit.

[17] The permittee(s) for herself/himself/themselves/itself, her/his/their/its personal representatives, and her/his/their/its successors in interest and assigns, as a part of the consideration hereof, do/does hereby covenant and agree that:

(1) No person on the grounds of race, color, or national origin, shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of the utility/facilities/ services of the permittee.

(2) In the construction of any improvements on, over, or under the above described property and the furnishing of services thereon, no person on the grounds of race, color, national origin, sex, age, or disability shall be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination.

(3) The above described property shall be used in a manner that at all times is in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. DOT, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. DOT— Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

(4) In the event that this instrument grants a lease, license, or permit and any of the above non-discrimination covenants is breached, then the State of Ohio, Department of Transportation, shall have the unfettered right to terminate the lease, license or permit and to re-enter and repossess the above-described property and hold the same as if said lease, license or permit had never been made or issued.

**This permit is granted subject to the following attached conditions:**

**My comments are:**

- Have a valid 811 ticket with good paint marks on ground before any excavation.**
- Perform a thorough site investigation and pre bore walk to make sure no underground facilities are unaccounted for.**
- Spot hole all facilities being crossed and visually watch the bore head/reamer pass the utilities.**
- Maintain 5' of horizontal clearance from other utilities.**
- When there is less than 5' of clearance between bore path and a facility being paralleled, spot facility in conflict every 50' to verify it's path.**
- Any structure being crossed 8" or larger in diameter will have a minimum of at least 2' of vertical clearance whether it be above or below said structure.**

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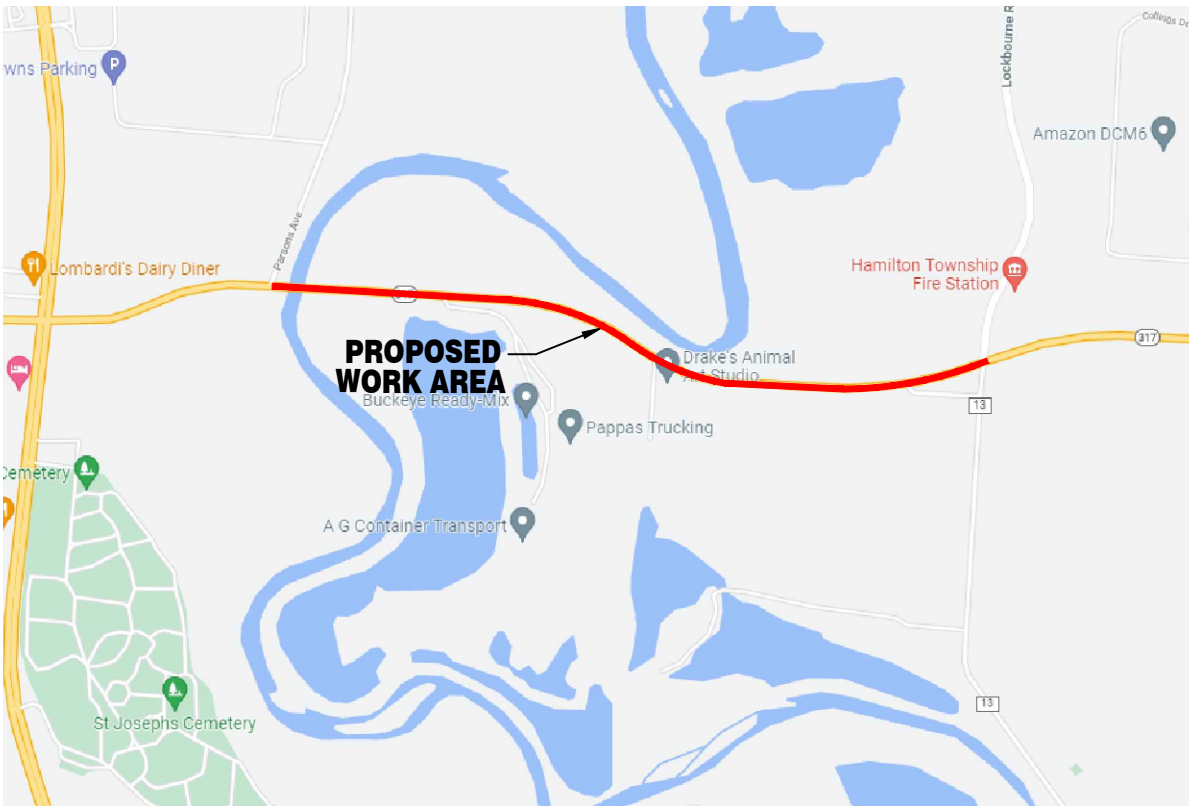
# SummitIG , Summit Infrastructure Group, LLC

(18124) SEGMENT 12 - LONDON GROVEPORT ROAD  
PROPOSED HANDHOLE & FIBER ROUTE  
LOCKBOURNE, OH

JANUARY 18, 2022

## INDEX

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VICINITY MAP  
SCALE N.T.S

## CONTACT LIST

### SUMMIT IG:

STEVE RAGLAND (804) 317-4483  
VP OF IMPLEMENTATION & OPERATIONS  
CHIP TURNER (703) 244-8115  
SR PROJECT MANAGER

### EXPRESS-TEK:

CHRIS LEWIS (540) 752-6691  
SR. PROJECT MANAGER  
MARK MEYERS (540) 752-6691  
ENGINEER  
DANIELLE LLOYD (540) 752-6691  
PERMITTING MANAGER  
NICK PRYGOCKI (540) 752-6691  
LEAD DRAFTER  
PATRICK PRYGOCKI (540) 752-6691  
DRAFTER

### UTILITIES:

OUPS 24 HOUR NUMBER 811

### NATURAL GAS:

ENTERPRISE PRODUCTS MATT CUREE (740) 294-8674  
PIPELINE TECHNICIAN CENTRAL OHIO  
MJCUREE@EPROD.COM

NORTHEAST OHIO GAS CORP (800) 451-9465

TEXAS EASTERN TRANSMISSION CORP/SPECTRA ENERGY (800) 231-7794

(740) 743-1309

LANCASTER MUNICIPAL GAS (740) 687-6670

MARATHON PIPELINE (614) 633-8678

BHE GT&S SCOTT CLARK (614) 230-7915

COLUMBIA GAS OF OHIO LORI WADE (614) 493-7368

DAMAGE PREVENTION SPECIALIST

LWADE@NISOURCE.COM

TALL GRASS ENERGY

### ELECTRIC:

SOUTH CENTRAL POWER CO. RHONDA TOTH (740) 689-6115

GIS SPECIALIST

TOTH@SOUTHCENTRALPOWER.COM

### WATER:

EHRWSO (740) 474-3114

### TELEPHONE:

SPRINT 24 HOUR NUMBER (800) 521-0579

MOX NETWORKS DAVE ALLISON (740) 794-1678

AT&T/AMERITECH (800) 588-2020

### PERMITTING AGENCIES:

FRANKLIN COUNTY STEVE BUSKIRK (614) 525-3063

SBUSKIRK@FRANKLINCOUNTYENGINEER.ORG

RIC ROSSETTIE (614) 525-3063

RROSSETTI@FRANKLINCOUNTYENGINEER.ORG

GAIL WILSON (614) 525-3063

GWILSON@FRANKLINCOUNTYENGINEER.ORG

### OUPS TICKET NUMBERS:

A129303455

NOTE: THIS INFORMATION IS OR WILL  
BE BASED ON AREA OF WORK

**express-tek**  
EXPRESS TECHNOLOGIES, INC



**PERMIT**  
**FOR**  
**CONSTRUCTION**

GENERAL NOTES

GENERAL NOTES:

1. ALL WORK WILL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATORY AGENCIES, INCLUDING, BUT NOT LIMITED TO, OSHA, NESC, DOT, RPA, ETC. GENERAL NOTES WILL APPLY TO ALL DRAWINGS.
2. THE CONTRACTOR WILL NOTIFY (IF APPLICABLE) THE ADJACENT PROPERTY OWNERS A MINIMUM OF 24 HOURS IN ADVANCE OF CONSTRUCTION.
3. ALL TRAFFIC CONTROL DEVICES WILL BE IN PLACE PRIOR TO CONSTRUCTION. DEVICES NO LONGER NEEDED WILL BE REMOVED AS QUICKLY AS POSSIBLE.
4. PEDESTRIAN TRAFFIC AREAS MUST BE MAINTAINED AT ALL TIMES. PEDESTRIANS WILL NOT BE ROUTED ON TO PRIVATE PROPERTY.
5. NO MATERIALS OR EQUIPMENT WILL BE STORED OR ALLOWED TO STAND UNPROTECTED WHERE PEDESTRIAN OR VEHICULAR TRAFFIC IS PRESENT.
6. NO EQUIPMENT OR MATERIALS WILL BE STORED ON ROAD SURFACE DURING NON-WORK PERIODS.
7. NO EQUIPMENT OR MATERIALS MAY BE STORED ON THE SIDEWALK.
8. EXCAVATION MATERIAL WILL BE STORED AWAY FROM THE PAVED ROADWAY. ALL SPILLED MATERIAL WILL BE PICKED UP IMMEDIATELY.
9. MUNICIPAL ROAD SIGNS, DELINEATORS, GUARDRAILS, ETC. WILL NOT BE REMOVED WITHOUT PRIOR WRITTEN PERMISSION FROM THE APPROVING AUTHORITY.
10. ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE CITY, COUNTY, AND STATE SPECIFICATIONS AND STANDARDS.

EROSION SEDIMENT CONTROL NARRATIVE:

DESCRIPTION:

THIS PROJECT CONSISTS OF THE PROPOSED CONSTRUCTION OF TRENCHING OR DIRECTIONAL BORING FOR THE PURPOSE OF INSTALLING FIBER OPTIC DUCT.

DATES OF CONSTRUCTION:

CONSTRUCTION ON THE RIGHT OF WAY IS PLANNED TO BE A YEAR ROUND ACTIVITY. SOILS DATA: FOR SOILS MAP AND SOILS INFORMATION PROVIDED.

EROSION SEDIMENTATION CONTROL PROGRAM:

EROSION AND SEDIMENTATION CONTROLS SHOWN ARE PROVIDED TO ACCOMMODATE ONSITE DRAINAGE AREAS DURING THE CONSTRUCTION PHASE. ADDITIONAL OR REVISED CONTROLS MAY BE INSTALLED AS DETERMINED NECESSARY. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE CURRENT OHIO EROSION AND SEDIMENT CONTROL HANDBOOK.

PHASE OF LAND DISTURBING ACTIVITIES:

CONTROLS SHOWN SHALL BE INSTALLED AS THE FIRST ITEM OF CONSTRUCTION AND MAINTAINED FOR CONSTRUCTION ACTIVITIES LASTING MORE THAN A ONE DAY SCHEDULE. ALL AREAS NOT TO BE IMMEDIATELY BUILT UPON SHALL BE SEEDED FOR TEMPORARY VEGETATION. ALL CONTROLS ARE TO REMAIN IN PLACE FOR THE DURATION OF THE JOB. REMOVAL, REGRADING AND SEEDING OF THE TEMPORARY DIVERSION DIKES WILL BE THE FINAL ACT OF GRADING IF REQUIRED.

SEQUENCE OF CONSTRUCTION:

1. PLACEMENT OF EROSION AND SEDIMENTATION CONTROLS
2. TRENCHING AND/OR DIRECTIONAL BORING.
3. UTILITY INSTALLATION
4. FINAL GRADING AND VEGETATION
5. REMOVAL OF CONTROLS

MAINTENANCE PROGRAM:

1. ALL MEASURES ARE TO BE INSPECTED DAILY BY THE SITE SUPERINTENDENT OR HIS REPRESENTATIVE. ANY DAMAGE STRUCTURAL MEASURES SHALL BE REPAIRED IMMEDIATELY TO AVOID DAMAGE TO DOWN STREAM PROPERTIES.
2. AS AREAS ARE BROUGHT TO EITHER GRADE OR SUBGRADE THEY SHOULD BE STABILIZED BY EITHER PLACING GRAVEL SUBBASE OR BY SEEDING AS EARLY AS POSSIBLE.
3. ALL FILLS ARE TO BE LEFT WITH A LIP AT THE TOP OF THE SLOPE AT THE END OF EACH DAY OF OPERATION.
4. ALL CUT AND FILL SLOPES ARE TO BE SEEDED AND MULCHED WITH IN FIVE (5) DAYS OF COMPLETION OF GRADING.

GENERAL LAND CONSERVATION NOTES:

1. NO DISTURBED AREA WILL BE DENUDED FOR MORE THAN SEVEN (7) CALENDAR DAYS UNLESS AUTHORIZED BY THE COUNTY WHERE THE WORK IS TAKING PLACE.
2. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PLACED AS THE FIRST STEP IN GRADING.
3. ELECTRIC POWER, TELEPHONE AND GAS SUPPLY TRENCHES SHALL BE COMPACTED, SEEDED AND MULCHED. WITHIN FIVE (5) DAYS OF BACKFILL.
4. ALL TEMPORARY EARTH BERMS, DIVERSION DIKES, SILT DAMS, AND SOIL STOCKPILES SHALL BE SEEDED AND MULCHED FOR TEMPORARY VEGETATIVE COVER IMMEDIATELY AFTER GRADING. STRAW OR HAY IS REQUIRED.
5. DURING CONSTRUCTION, ALL STORM SEWER INLETS SHALL BE PROTECTED BY SILT TRAPS MAINTAINED AND MODIFIED AS REQUIRED DURING CONSTRUCTION PROGRESS.
6. ANY DISTURBED AREA NOTE COVERED BY NOTE 1 ABOVE AND NOT PAVED, SODDED, OR BUILT UPON BY NOVEMBER 1, OR DISTURBED AFTER THAT DATE, SHALL BE MULCHED WITH HAY OR STRAW MULCH AT THE RATE OF TWO (2) TONS PER ACRE AND OVER-SEEDED BY MARCH 15.
7. AT THE COMPLETION OF THE CONSTRUCTION PROJECT AND PRIOR TO RELEASE OF THE BOND, ALL TEMPORARY SILTATION AND EROSION CONTROLS SHALL BE REMOVED UPON THE APPROVAL OF OHIO AND ALL DENUDED AREAS SHALL BE STABILIZED WITH VEGETATION.
8. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CURRENT OHIO EROSION AND SEDIMENT CONTROL HANDBOOK.
9. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
10. EXCAVATION MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE TRENCH.
11. EFFUENT FROM THE DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSLY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
12. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
13. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
14. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.
15. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED OR PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PAVED OR PUBLIC ROAD SURFACE, THE ROAD SURFACE SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.

SEEDING SPECIFICATIONS:

NOTE: ALL EARTHEN CONTROLS SHALL BE SEEDED AND MULCHED IMMEDIATELY FOLLOWING INSTALLATION AND ANY SOIL STOCKPILES SHALL BE STABILIZED WITH TEMPORARY VEGETATION.

TEMPORARY SEEDING:

1. IN HIGHLY ACID SOILS (pH 5.5 AND LOWER) LIME SHALL BE ADDED TO THE SOIL AT A RATE OF TWO (2) TONS OF PULVERIZED LIMESTONE PER ACRE AND WORKED INTO THE TOP 2"-4" OF THE SOIL. FERTILIZER SHALL BE APPLIED AT A RATE OF 450 POUNDS PER ACRE OF 10-20-20 OR EQUIVALENT. IT SHALL BE WORKED INTO THE TOP 2"-4" OF THE SOIL.
2. SURFACE ROUGHENING WHERE SURFACE IS COMPACTED, CRUSTED OR HARDENED IS REQUIRED. THE SOIL SURFACE SHALL BE LOOSENEED PER SURFACE ROUGHENING IN THE CURRENT OHIO EROSION AND SEDIMENT HANDBOOK.
3. SEEDING ACCOMPLISHED IN THE FALL OR WINTER, ON SLOPES IN EXCESS OF 4:1, ON ADVERSE SOIL CONDITIONS OR EXCESSIVELY HOT OR DRY WEATHER SHALL BE MULCHED IN ACCORDANCE WITH THE CURRENT OHIO EROSION AND SEDIMENT HANDBOOK.
4. AREAS WHICH FAIL TO ESTABLISH VEGETATIVE COVER ADEQUATELY TO PREVENT RILL EROSION SHALL BE RESEEDED AS SOON AS SOON AS THEY ARE IDENTIFIED.
5. TEMPORARY SEED MIXTURES SHALL BE AS FOLLOWS:  
60 LBS/ACRE GERMAN MILLET (SUMMER MONTHS)  
60 LBS/ACRE ANNUAL RYEGRASS OR 100 LBS/ACRE CEREALE RYE (LATE FALL OR EARLY WINTER)

PERMANENT SEEDING:

1. THE EXISTING SOIL MUST MEET THE FOLLOWING CRITERIA:  
A. ENOUGH FINE GRADED MATERIAL TO MAINTAIN ADEQUATE MOISTURE AND NUTRIENT SUPPLY.  
B. SUFFICIENT PORE SPACE TO PERMIT ROOT PENETRATION. A BULK DENSITY OF 1.2 TO 1.5 INDICATES THAT SUFFICIENT PORE SPACE IS AVAILABLE.  
C. SUFFICIENT DEPTH OF SOIL TO PROVIDE ADEQUATE ROOT ZONE. THE DEPTH TO ROCK OR IMPERMEABLE SURFACES SHALL BE 12" OR MORE.  
D. A FAVORABLE pH RANGE OF 6.0-7.0 FOR PLANT GROWTH. IF SOIL IS TOO ACIDIC TO BE MODIFIED TO WITHIN THIS RANGE, IT IS CONSIDERED AN UNSUITABLE ENVIRONMENT FOR PLANT ROOTS.  
E. FREEDOM FROM TOXIC AMOUNTS OF MATERIALS HARMFUL TO PLANT GROWTH.  
F. FREEDOM FROM EXCESSIVE QUANTITIES OF ROOTS, BRANCHES, LARGE STONES, LARGE CLOUDS OF EARTH OR TRASH OF ANY KIND.

IF ANY OF THE CRITERIA CANNOT BE MET THEN TOPSOIL SHALL BE APPLIED IN ACCORDANCE WITH THE CURRENT OHIO EROSION AND SEDIMENT HANDBOOK.

2. SURFACES SHALL BE ROUGHENED IN ACCORDANCE WITH THE CURRENT OHIO EROSION AND SEDIMENT HANDBOOK.
3. SOIL CONDITIONERS MAY BE ADDED TO THE SOIL AS DESIRED BUT MUST BE DONE IN ACCORDANCE WITH THE CURRENT OHIO EROSION AND SEDIMENT HANDBOOK.
4. LIME AND FERTILIZER NEEDS SHOULD BE DETERMINED BY SOIL SCIENTISTS FROM QUALIFIED COMMERCIAL LABORATORY OR THE COOPERATIVE EXTENSION SERVICE SOIL TESTING LABORATORY AT VPI & SU. GENERAL RECOMMENDATIONS ARE TWO (2) TONS PER ACRE OF AGRICULTURAL LIMESTONE ON SANDY SOILS AND THREE (3) TONS PER ACRE ON CLAYEY SOILS WITH 1,200 POUNDS PER ACRE OF 10-10-10 FERTILIZER.
5. SEED MIXTURE SHALL BE 100-120 LBS/ACRE OF TALL FESCUE AND 12 LBS /ACRE ANNUAL RYEGRASS.
6. ALL PERMANENT SEEDING SHALL BE MULCHED IMMEDIATELY IN ACCORDANCE WITH THE CURRENT OHIO EROSION AND SEDIMENT HANDBOOK.

CONSTRUCTION NOTES:

1. NUMBER 6 TRACER WIRE TO BE REQUIRED WITH ALL CABLE PLACEMENT.
2. FIBER OPTIC WARNING TAPE WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.
3. VERIFICATION OF THE LOCATION OF EXISTING UTILITY CROSSINGS IS THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE UTILIZED WHERE REQUIRED.
4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION 811
5. A 12" SEPARATION BETWEEN PROPOSED CONDUIT AND OTHER UTILITIES WILL BE MAINTAINED.
6. CONDUIT CAPS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS DURING CONSTRUCTION, UPON COMPLETION, AND WHILE AWAITING FIBER INSTALLATION.
7. ALL INSTALL DUCTS WILL BE PROOFED USING A MANDRILL 1/4" SMALLER THAN THE PIPE ID PVC AS SHOWN ON DRAWING.
8. THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 36".
9. MAXIMUM CABLE INSTALLATION TENSION WILL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING PULLING.
10. THE REMOVAL AND STORAGE OF ALL SHRUBBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.
11. THE CONTRACTOR WILL RESTORE ALL DISTURBED AREAS TO THEIR ORIGINAL OR BETTER CONDITION
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS-BUILT DRAWINGS AND PRESENT A COMPLETE SET OF RED-LINED DRAWINGS TO SUMMITIG, SUMMIT INFRASTRUCTURE GROUP LLC WITHIN 14 DAYS OF COMPLETION OF THE WORK.
13. CONDUITS WILL BE TERMINATED ABOVE THE MIDPOINT OF MANHOLE.
14. PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/MANHOLE.
15. HAND DIG UNDER ANY BURIED UTILITY CABLES AS REQUIRED.
16. ALL CONDUITS WILL BE PLACED AT A MINIMUM OF 42" COVER.

SummitIG ,  
Summit Infrastructure  
Group, LLC

SEGMENT 12 - LONDON GROVEPORT ROAD  
LOCKBOURNE, OH  
PROPOSED HANDHOLE & FIBER ROUTE

NOT FOR OUTSIDE DISCLOSURE  
WITHOUT EXPLICIT PERMISSION  
FROM SUMMITIG, SUMMIT  
INFRASTRUCTURE GROUP, LLC.

FILE: 18124	ENGINEER: MARK MEYERS	DRAFTER: PATRICK PRYGOCKI
REVISION: 00	DATE: 1/18/2022	SHEET: 02 OF 15



LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	LINETYPES	DESCRIPTION
	ELECTRIC MANHOLE	0+00 TEXT LINE 1	EXISTING STATIONING		PROP/EXISTING TELE HH		CENTER LINE
	ELECTRIC TRANSFORMER	0+00 TEXT LINE 1	PROPOSED STATIONING		ADDRESS LABEL		FENCE LINE
	PARKING METER	A/E	AERIAL CABLE LINE		ROAD LABEL		GUARDRAIL
	STREET LIGHT	CATV	CABLE TV		RR SIGNAL		PROPERTY LINE
	TRAFFIC CONTROL BOX	E	ELECTRIC LINE		TRACK SWITCH		RAILROAD
	TRAFFIC/CROSSWALK SIGNAL	G	GAS LINE		CROSSING ARM		SLOPE – TOP
	TRAFFIC SIGNAL	S	SEWER LINE		MILE POST		SLOPE – BOTTOM
	TELEPHONE MANHOLE	Storm Drain Line	STORM DRAIN LINE		DETAIL CIRCLE		WOODS
	EXISTING TELEPHONE HH	T	TELEPHONE LINE		WORK ZONE		PROPOSED UNDERGROUND PULL THRU
	VERIZON MANHOLE	TR	TRAFFIC LINE		BUILDING EDGE		PROPOSED FIBER
	ANCHOR	W	WATER LINE				EASEMENT LINE
	TELEPHONE PEDESTAL		SIDE WALK				
	TELE/VZ/PROP POLE	D/L	DITCH LINE				
	VZ/TELE/PROP POLE	Building Edge	BUILDING EDGE				
	FIBER MARKER TUBE	Center Line	CENTER LINE				
	WATER MANHOLE	Edge of Gravel	EDGE OF GRAVEL				
	WATER VALVE	Edge of Pavement	EDGE OF PAVEMENT				
	WATER METER	Back of Curb	BACK OF CURB				
	FIRE HYDRANT	Proposed Back of Curb	PROPOSED BACK OF CURB				
	IRRIGATION VALVE	Property Line	PROPERTY LINE				
	SEWER MANHOLE	Right of Way	RIGHT OF WAY				
	STORM DRAIN MANHOLE	Proposed Right of Way	PROPOSED RIGHT OF WAY				
	GRATE INLET	L-3	LEVEL – 3				
	CATCH BASIN	ZAYO	ZAYO				
	GAS MANHOLE	MCI	MCI – VERIZON				
	GAS VALVE	MFN	METRO FIBER NETWORKS				
	GAS TANK	XO	XO COMMUNICATIONS				
	UTILITY MANHOLE	MFN	SUMMIT IG				
	TREE	AT&T	TCG–AT&T				
	MAILBOX	QGS	QWEST				
	TEST PIT	VZN	VERIZON				
	PROPERTY PIN	CC	CROWN CASTLE				
	STEEL POST	MFS	METROPOLITAN FIBER SYSTEMS				
	SIGN	RCN	RCN				

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SEGMENT 12 - LONDON GROVEPORT ROAD  
LOCKBOURNE, OH  
PROPOSED HANDHOLE & FIBER ROUTE

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WITHOUT EXPLICIT PERMISSION  
FROM SUMMITIG, SUMMIT  
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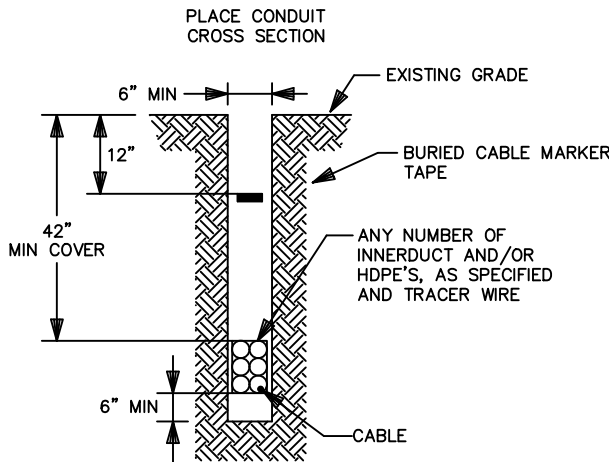
FILE: 18124ENGINEER: MARK MEYERSDRAFTER: PATRICK PRYGOCKI

REVISION: 00DATE: 1/18/2022SHEET: 03 OF 15

# BURIED CONSTRUCTION TYPICALS - 1

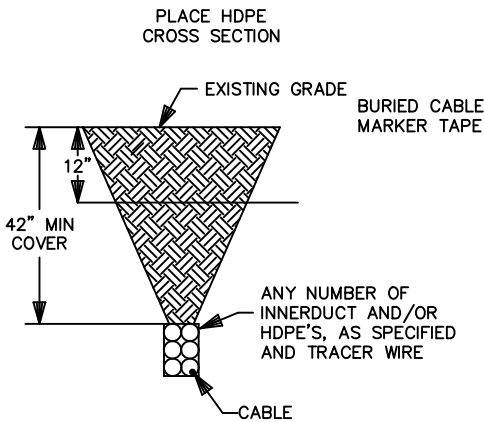
## PLACEMENT – TYPICALS

TYPICAL "A"



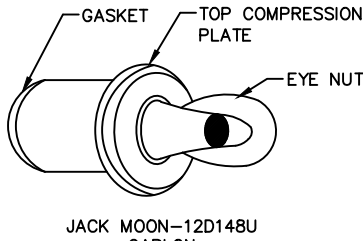
NOTE:  
BACKFILL MUST BE MADE  
WITH ROCK FREE MATERIAL

TYPICAL "B"



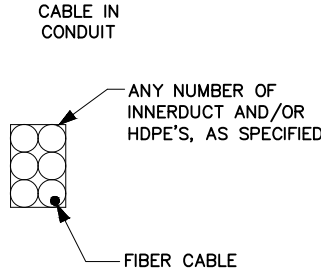
## CONDUIT PLUG TYPICAL

(NOT TO SCALE)

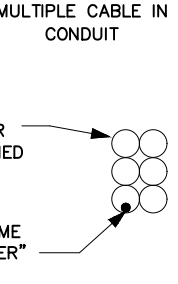


## HDPE CONDUIT CONFIGURATION

TYPICAL "C"

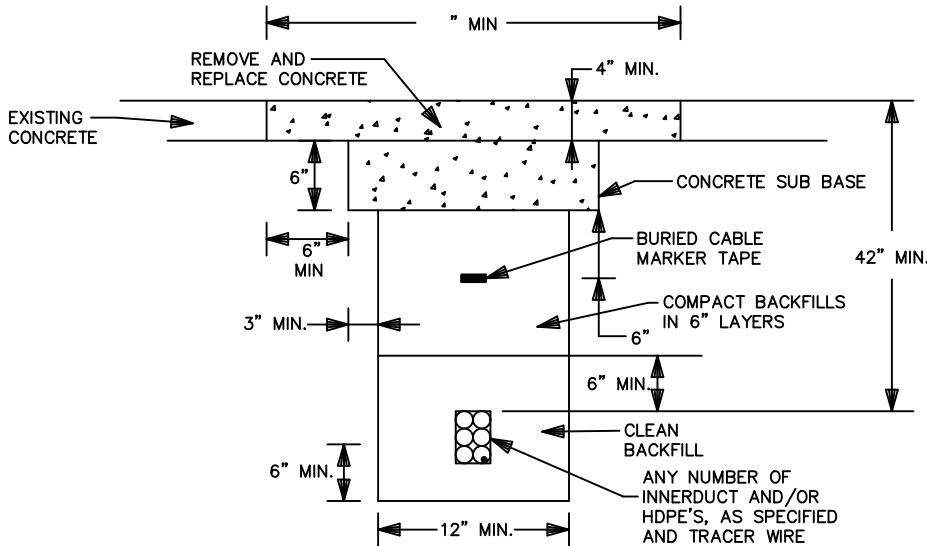


TYPICAL "D"



TYPICAL "C"

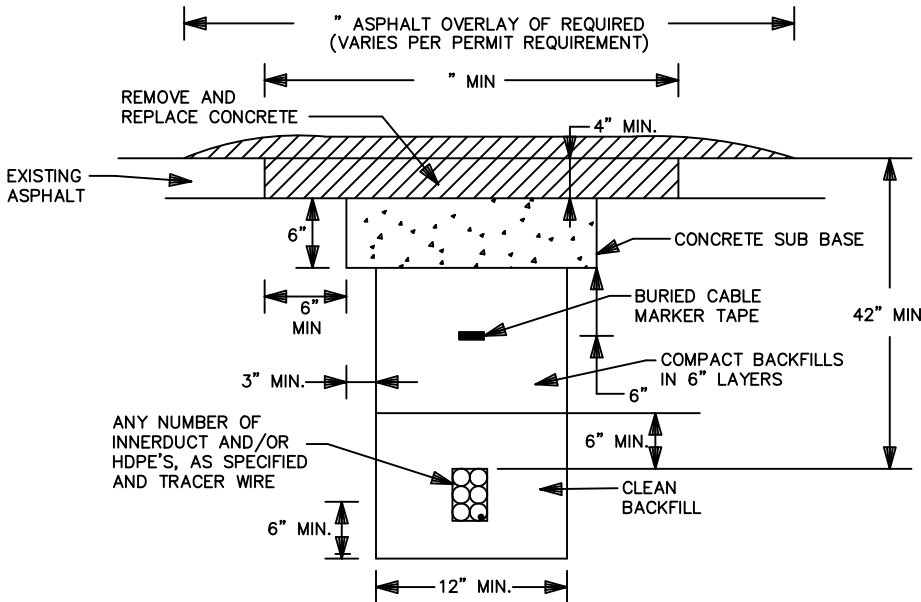
CONCRETE/PAVEMENT OPEN CUT  
CROSS SECTION  
(VARIES PER PERMIT REQUIREMENT)



## OPEN CUT – TYPICALS ROAD OR STREET

TYPICAL "D"

ASPHALT/PAVEMENT OPEN CUT  
CROSS SECTION  
(VARIES PER PERMIT REQUIREMENT)



## HDPE CONDUIT CONFIGURATION

1. THE BOTTOM OF THE TRENCH SHALL BE LEVEL, FLAT AND NOT HAVE ANY ROCK DEBRIS.
2. ALL BACKFILL MUST BE APPROVED BY ENGINEER, AND/OR PERMITTING AUTHORITY INSPECTOR.
3. EXCAVATED MATERIAL MAY BE DEEMED SUITABLE BACKFILL BY ENGINEER AND/OR PERMITTING AUTHORITY INSPECTOR.
4. MINIMUM SIX (6) INCHES OF CLEAN SAND SHALL BE PLACED OVER THE CONDUIT.
5. FLOWABLE FILL MIX DESIGN SHALL BE PER CITY AND/OR PERMITTING AUTHORITY.
6. ALL FLOWABLE FILL AND CONCRETE SHALL BE VIBRATED USING A 2" DIAMETER VIBRATOR.
7. CONCRETE AND ASPHALT THICKNESS SHALL MATCH EXISTING.
8. #4 DOWELS SHOULD BE DRILLED INTO ADJACENT UNDISTURBED CONCRETE TO PREVENT DIFFERENTIAL SETTLEMENT.

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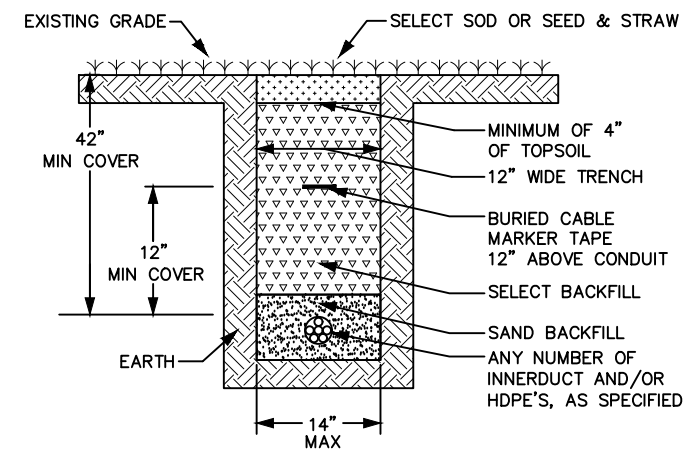
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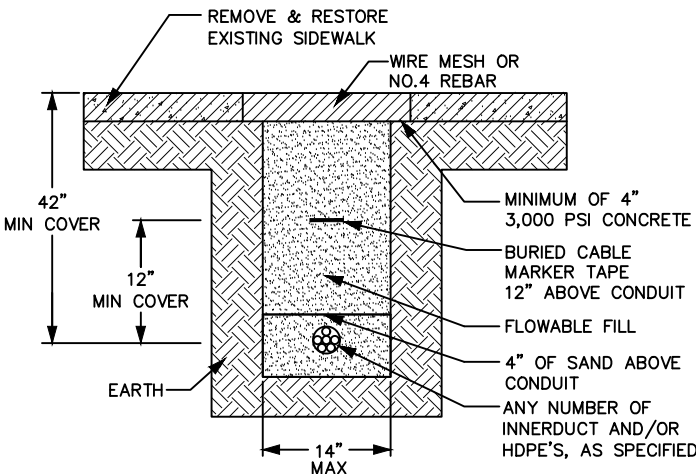
# BURIED CONSTRUCTION TYPICALS - 2

SOD/UNIMPROVED AREA TRENCH  
RESTORATION TYPICAL



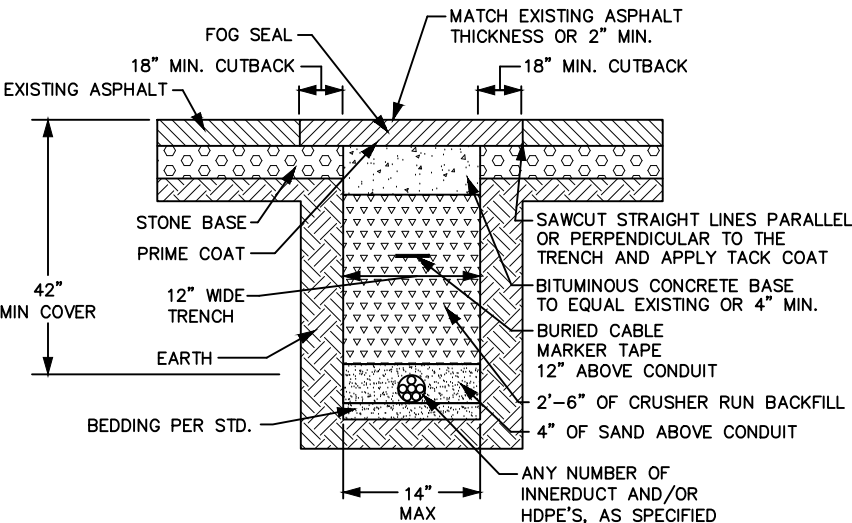
1. ALL BACKFILL MUST BE APPROVED BY ENGINEER OR PERMITTING AUTHORITY INSPECTOR.
2. EXCAVATED MATERIAL MAY BE DEEMED SUITABLE BACKFILL BY ENGINEER, AND/OR PERMITTING AUTHORITY.
3. A MAXIMUM OF EIGHT (8) INCH LIFTS OF BACKFILL MATERIAL WILL BE ALLOWED. FOUR (4) INCHES OF CLEAN SAND SHALL BE PLACED ABOVE THE CONDUIT.
4. THE BOTTOM OF THE TRENCH SHALL BE LEVEL, FLAT, AND NOT HAVE ANY ROCK DEBRIS.
5. ALL DISTURBED GRASS AREAS ARE TO BE SEEDED WITH KENTUCKY 31 FESCUE WITH NUTRIENTS APPLIED AND MAINTAINED TO ACHIEVE A SATISFACTORY GRASS COVER TO CONTROL EROSION.

SIDEWALK TRENCH RESTORATION TYPICAL



1. REMOVE ENTIRE SIDEWALK PANEL, JOINT TO JOINT.
2. EXPANSION BOARD SHALL BE PLACED ON ALL EXISTING CONCRETE EDGES.
3. FLOWABLE FILL MIX DESIGN SHALL BE PER PERMITTING AUTHORITY SPECIFICATIONS.
4. THE NEW CONCRETE SIDEWALK SHALL BE PLACED LEVEL AND FLAT TO MATCH EXISTING.
5. THE FINISH SHALL MATCH EXISTING SIDEWALK.
6. FOUR (4) INCHES OF CLEAN SAND SHALL BE PLACED OVER THE MULTICELL CONDUIT.
7. THE BOTTOM OF THE TRENCH SHALL BE LEVEL, FLAT, AND NOT HAVE ANY ROCK DEBRIS.
8. CONCRETE REINFORCEMENT SHALL CONSIST OF WIRE MESH 6"x6"x10 GAUGE WIRE OR NO.4 REBAR PLACED ON 12" CENTERS.
9. ALL FLOWABLE FILL AND CONCRETE SHALL BE VIBRATED USING A 2" DIAMETER VIBRATOR.
10. CONCRETE SIDEWALK THICKNESS SHALL MATCH EXISTING.

ASPHALT TRENCH RESTORATION TYPICAL



1. BITUMINOUS CONCRETE SURFACE SHALL BE PLACED TO A DEPTH EQUAL TO THE EXISTING SURFACE OR 2" MINIMUM. (COARSE SURFACE)
2. BITUMINOUS CONCRETE BASE SHALL BE PLACED TO A DEPTH EQUAL TO THE EXISTING PAVEMENT OR 4" MINIMUM. (BC)
3. THE TOP 2'-6" OF THE TRENCH BELOW PAVEMENT SHALL BE BACKFILLED WITH CRUSHER RUN.
4. ALL ROAD SURFACE EDGES SHALL BE SAWED IN A STRAIGHT LINE.
5. SS-1 TACK COAT WILL BE APPLIED AT THE RATE OR 0.1 GAL. PER SQ. YARD OVER THE CONCRETE BASE AND THE EDGES OF THE EXISTING ASPHALT.
6. THE ASPHALT PATCH SHALL BE SMOOTH, FLAT AND EVEN WITH EXISTING ASPHALT SURFACE. ALL JOINTS WILL BE SEALED AFTER PAVING.
7. FOUR (4) INCHES OF CLEAN SAND SHALL BE PLACED OVER THE CONDUIT.
8. BOTTOM OF THE TRENCH SHALL BE LEVEL, A 3" SAND BEDDING WILL BE PLACED AS REQUIRED.
9. TYPICAL TRENCH WIDTH IS 14".

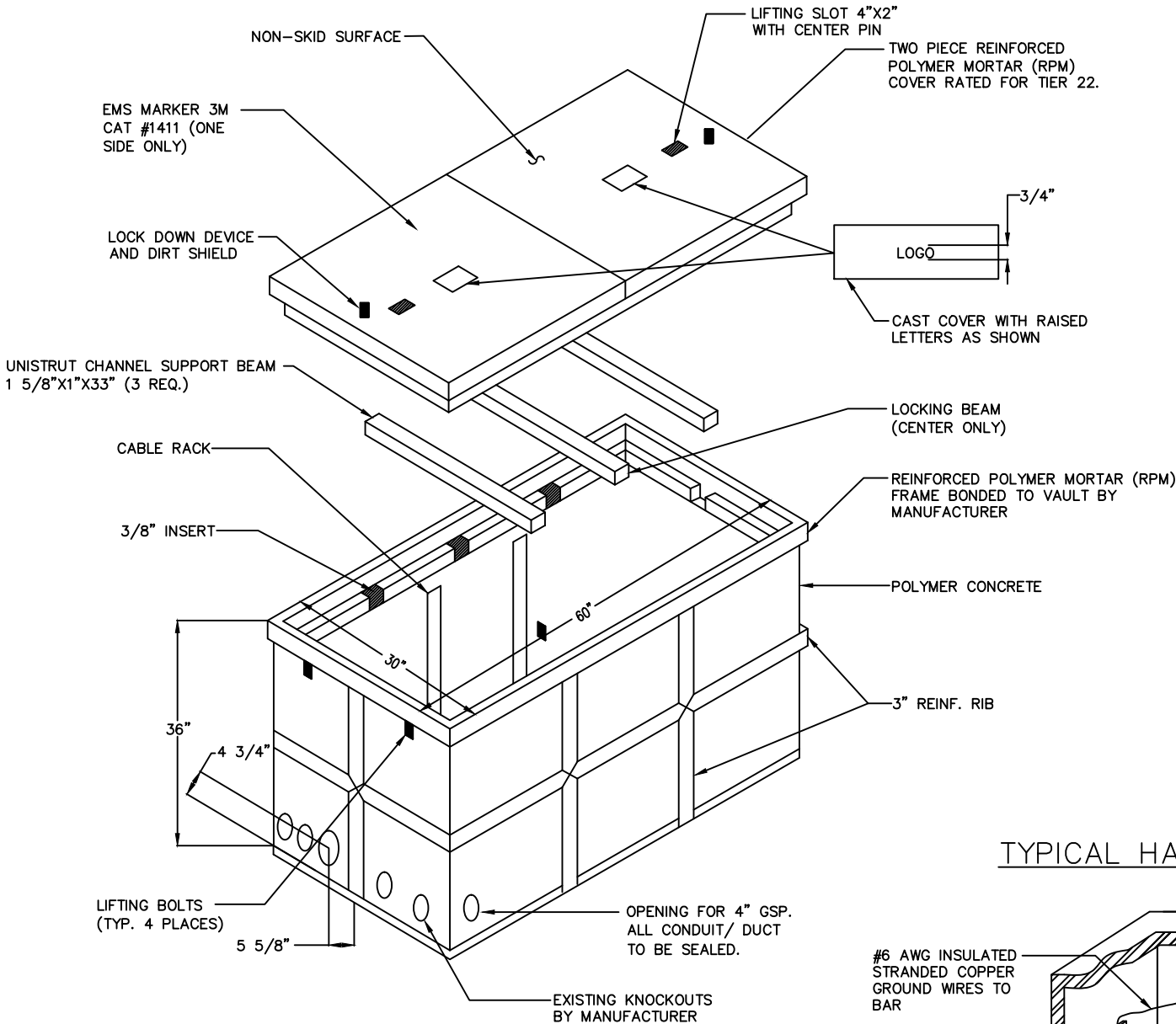
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**Group, LLC**

SEGMENT 12 - LONDON GROVEPORT ROAD  
LOCKBOURNE, OH  
PROPOSED HANDHOLE & FIBER ROUTE

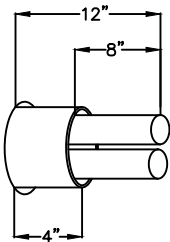
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FILE: 18124	ENGINEER: MARK MEYERS	DRAFTER: PATRICK PRYGOCKI
REVISION: 00	DATE: 1/18/2022	SHEET: 05 OF 15

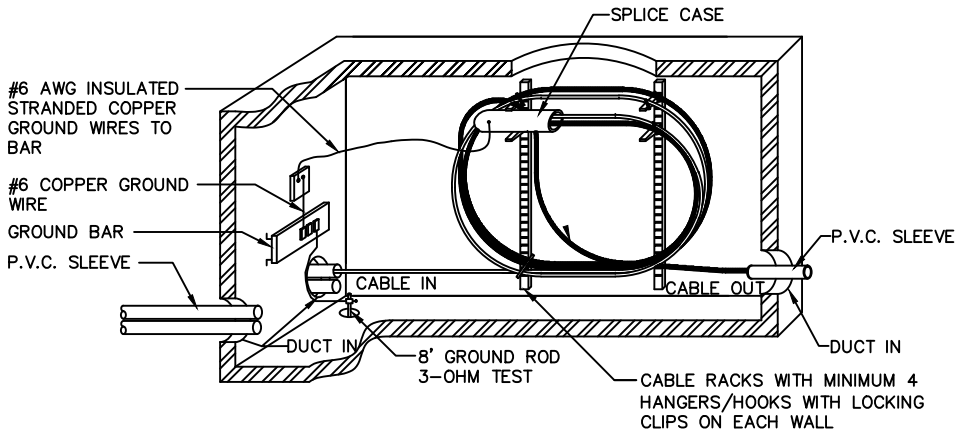
TYPICAL 36"X60"X36" HANDHOLE DETAIL



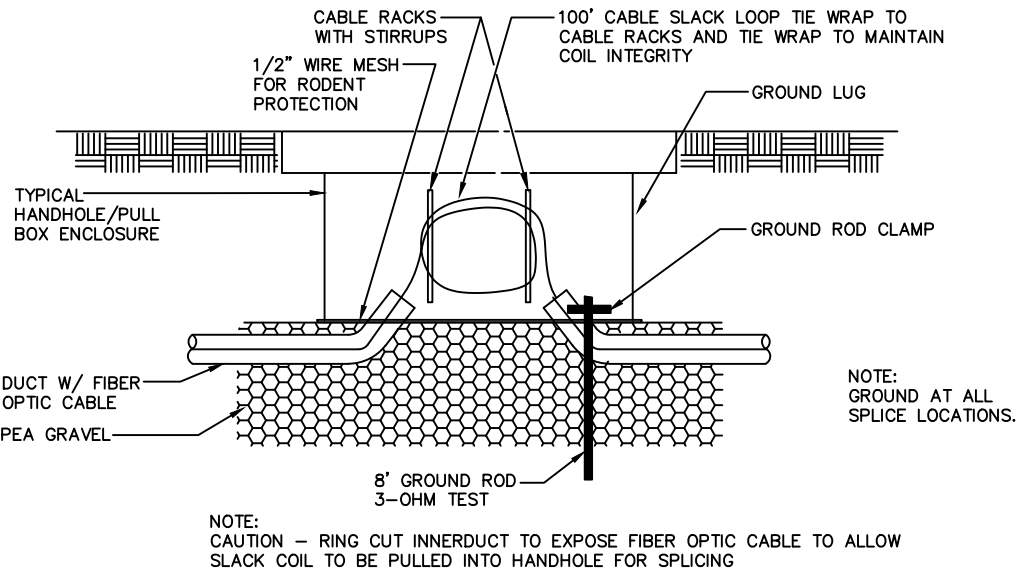
PVC CORE TYPICAL



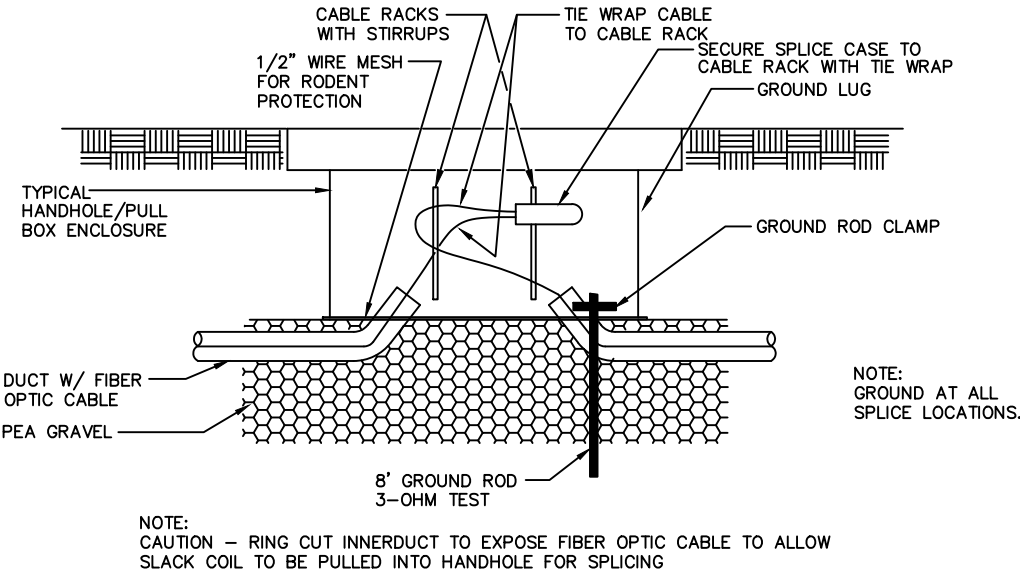
TYPICAL HANDHOLE WITH SPLICE COIL



DETAIL- "A"



DETAIL- "B"



**NOTES:**

THE HANDHOLE SHALL BE SET WITH THE TOP COVER LEVELED AND MATCHING THE EXISTING SURFACE.

THE FLOOR OF THE PIT SHALL BE COVERED WITH 10"-12" OF PEA GRAVEL, IN WATER PRONE AREAS 18" OF GRAVEL SHALL BE USED TO IMPROVE DRAINAGE. THE BASE OF THE HANDHOLE/PULL BOX SHALL BE OPEN, AND PLACED IN THE CENTER OF THE PIT.

AN 8' LG.X5/8" DIA. COPPER CLAD GROUND ROD SHALL BE DRIVEN INTO THE BOTTOM OF THE HANDHOLE/PULL BOX. A 3-OHM TEST IS REQUIRED. (SEE DETAIL A). A BARE 6" LG. #6 BCW COPPER GROUND WIRE SHALL BE CLAMPED TO THE ROD AND ATTACHED TO THE GROUND LUG ON THE SIDE WALL OF THE HANDHOLE.

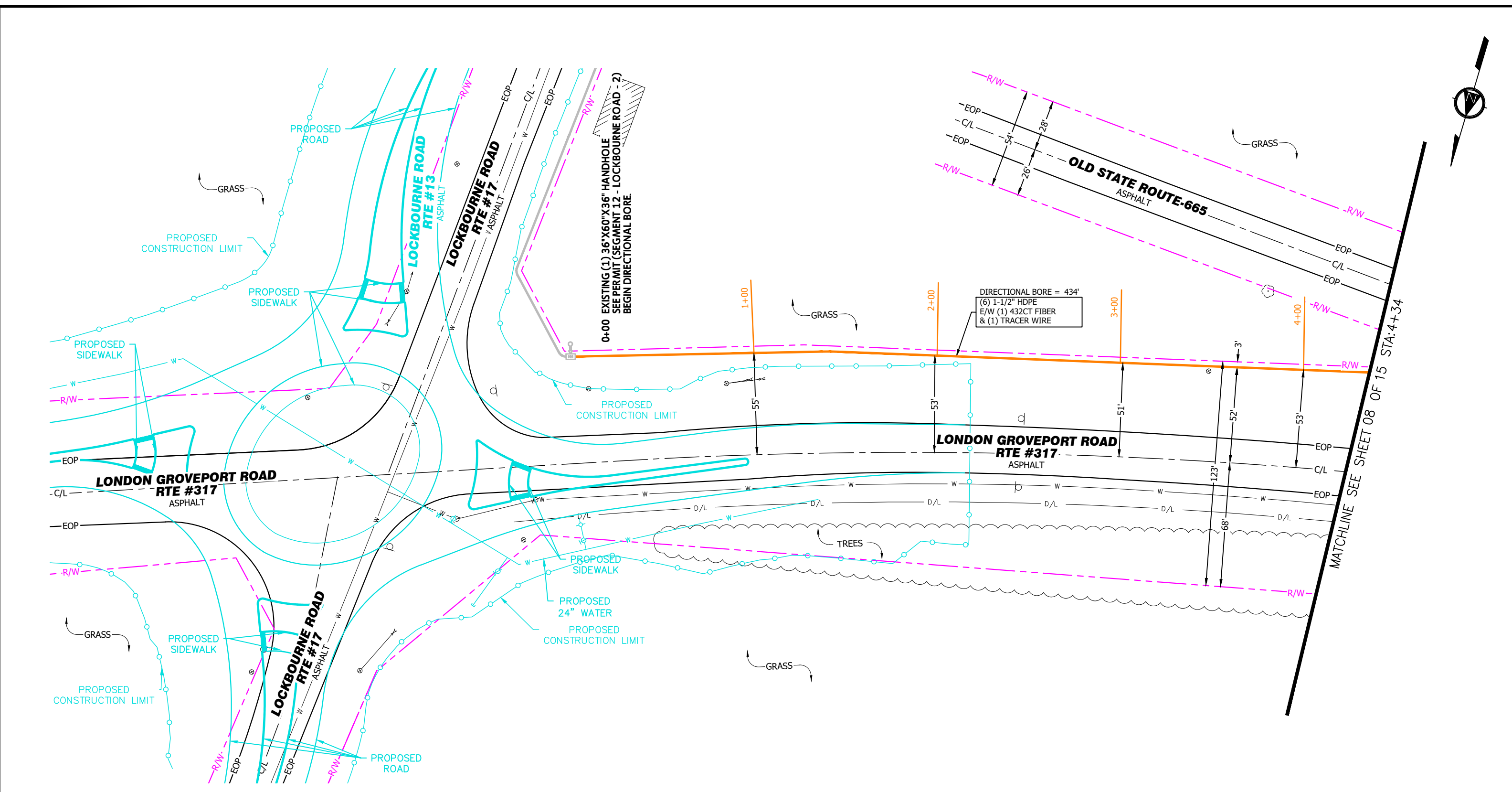
THE DUCT PLACED INTO HANDHOLE WALLS WILL USE APPROVED DUCT TERMINATORS TO SEAL DUCT ENTRANCE.

THE ANNULAR SPACE BETWEEN THE DUCT WALL AND THE FIBER OPTIC CABLE SHALL BE SEALED USING A SPLIT PLUG. THE SPLIT PLUG SHALL BE SIZED ACCORDING TO THE OUTSIDE DIAMTER OF THE FIBER OPTIC CABLE AND THE INSIDE DIAMETER OF THE DUCT.

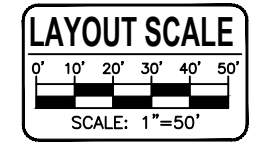
ALL VACANT DUCTS SHALL BE SEALED USING AN EXPANDABLE BLANK DUCT PLUG. THE DUCT PLUG SHALL BE SIZED ACCORDING TO THE INSIDE DIAMETER OF THE DUCT.

THE DESIGN LOADING FOR HANDHOLE IN GRASS SHALL BE CAPABLE OF SUPPORTING H-22 LOADING. PER THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) OR EQUIVALENT A-12 LOADING PER AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) OR EQUIVALENT TIER 22 LOADING AS DEFINED BY ANSI/SCTE77-2007. HANDHOLES IN ROADWAY OR SHARED USE PATHS TO BE CAPABLE OF SUPPORTING H-20 LOADING AND LIDS TO BE ADA COMPLIANT.

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SEGMENT 12 - LONDON GROVEPORT ROAD LOCKBOURNE, OH PROPOSED HANDHOLE & FIBER ROUTE		NOT FOR OUTSIDE DISCLOSURE WITHOUT EXPLICIT PERMISSION FROM SUMMITIG, SUMMIT INFRASTRUCTURE GROUP, LLC.
FILE: 18124	ENGINEER: MARK MEYERS	DRAFTER: PATRICK PRYGOCKI
REVISION: 00	DATE: 1/18/2022	SHEET: 06 OF 15



NOTE:  
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SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.



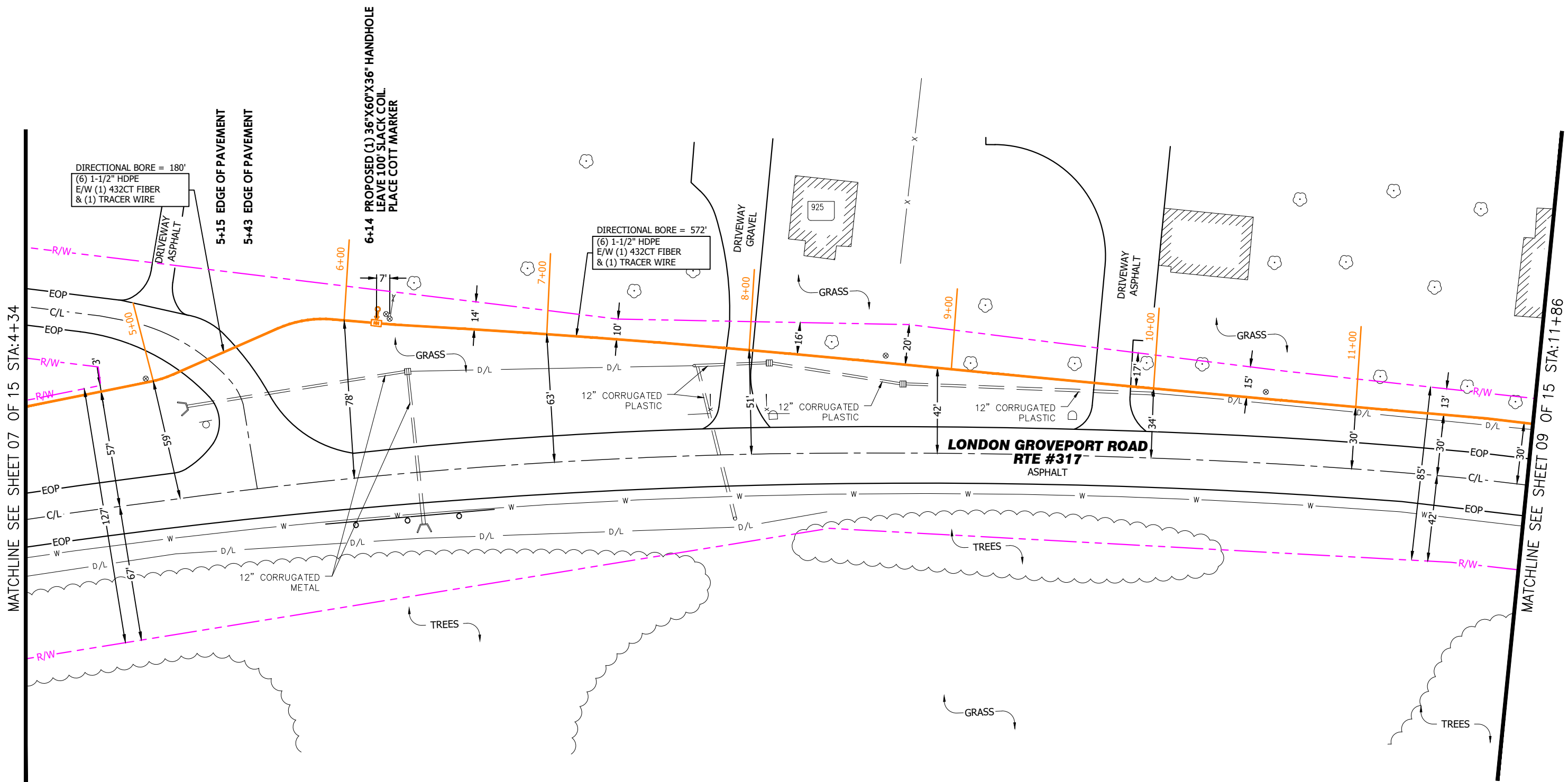
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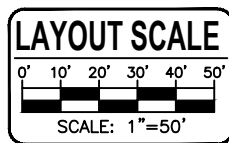
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FILE: 18124	ENGINEER: MARK MEYERS	DRAFTER: PATRICK PRYGOCKI	
REVISION: 00	DATE: 1/18/2022	SHEET: 07 OF 15	

MATCHLINE SEE SHEET 07 OF 15 STA:4+34



MATCHLINE SEE SHEET 09 OF 15 STA:11+86

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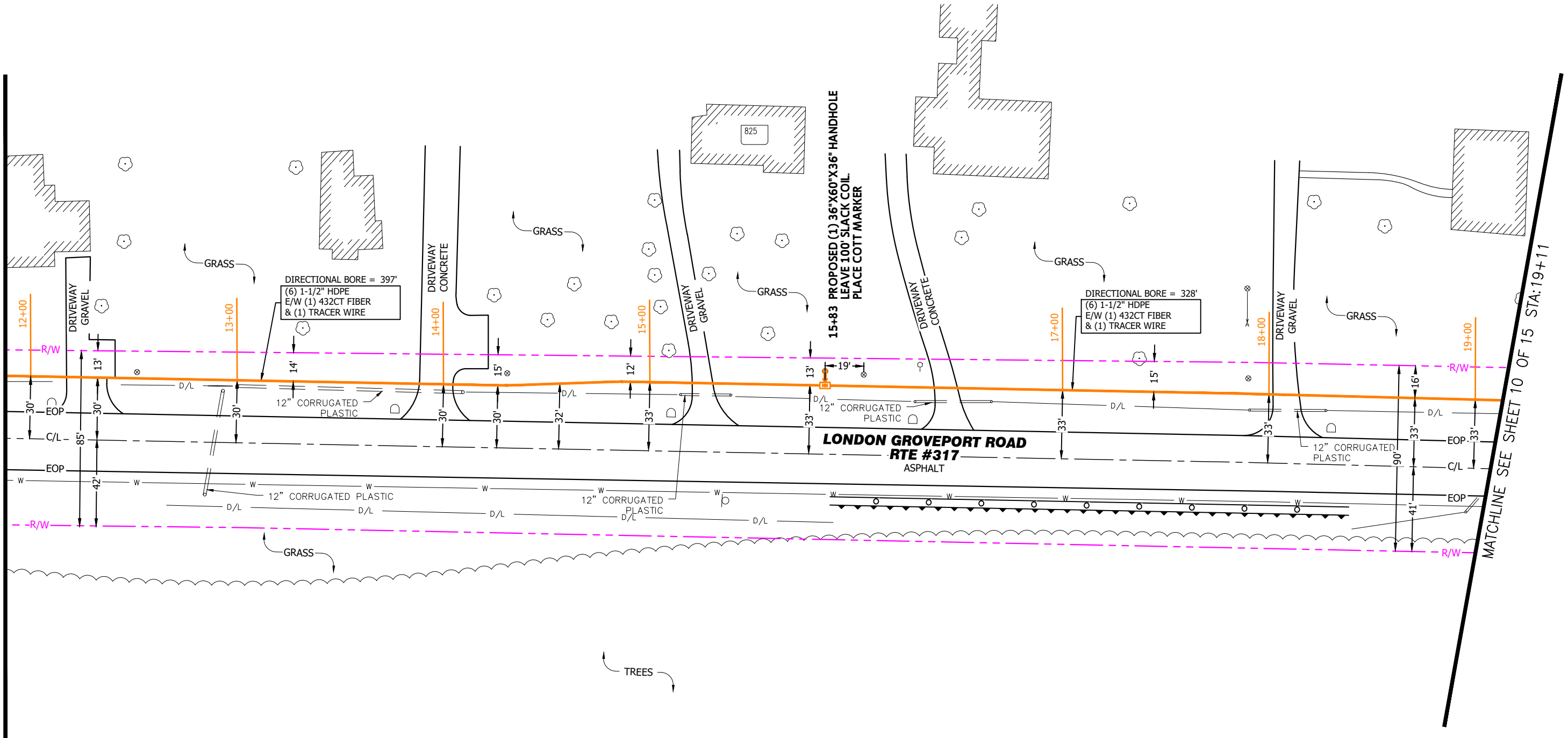
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FILE: 18124	ENGINEER: MARK MEYERS	DRAFTER: PATRICK PRYGOCKI
REVISION: 00	DATE: 1/18/2022	SHEET: 08 OF 15



MATCHLINE SEE SHEET 08 OF 15 STA:11+86

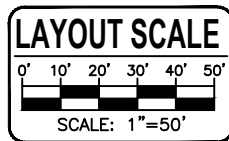


MATCHLINE SEE SHEET 10 OF 15 STA:19+11

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Know what's below.  
Call before you dig.



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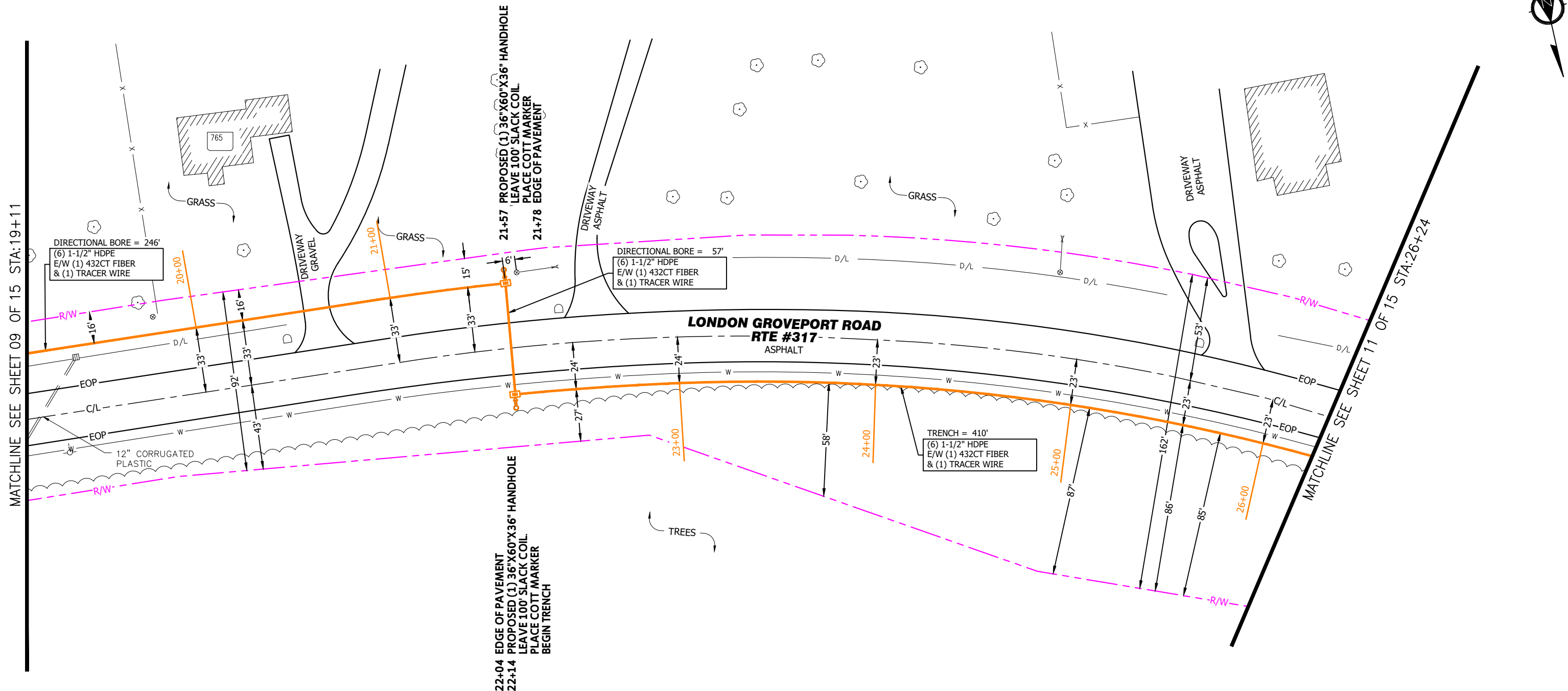
**express-tek**  
EXPRESS TECHNOLOGIES, INC.

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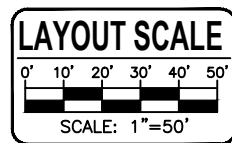
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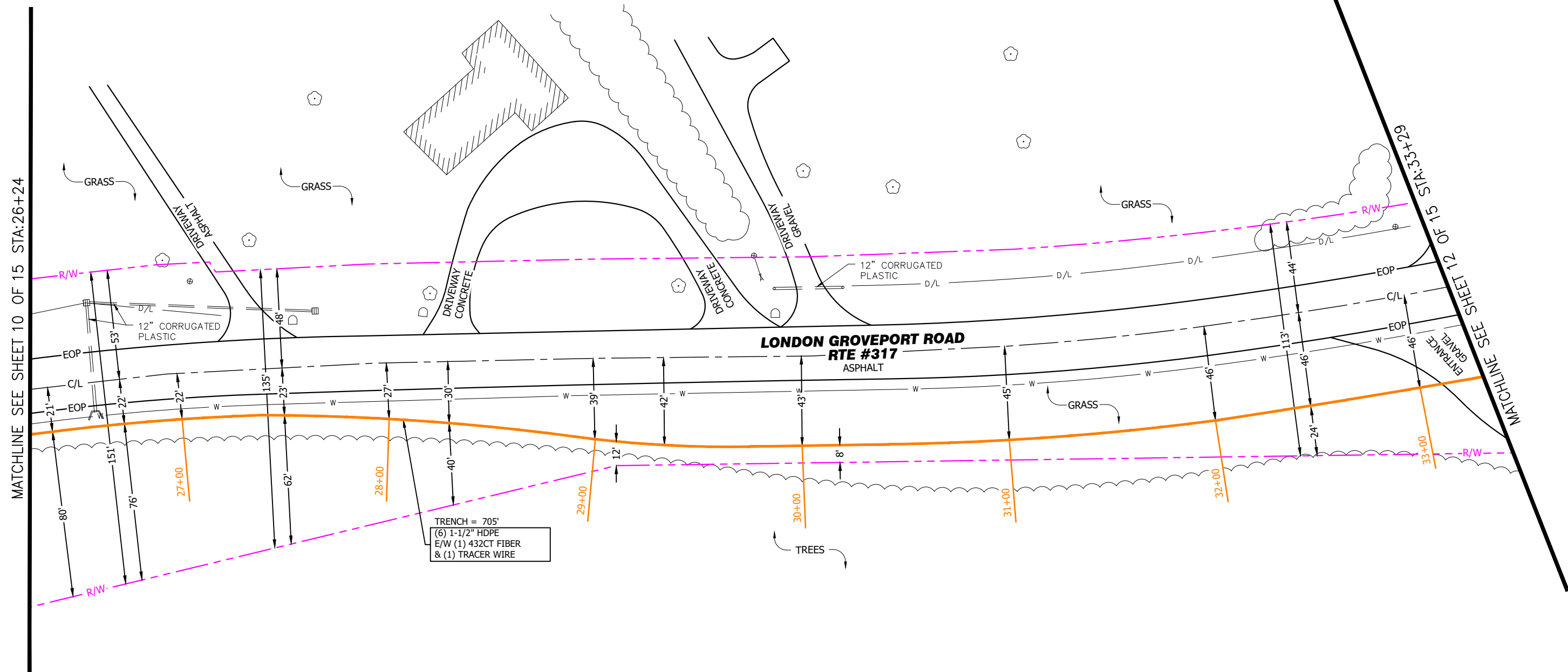
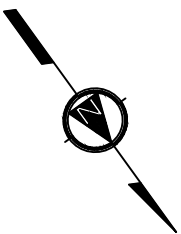
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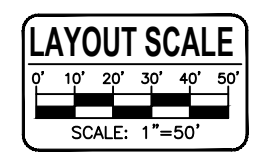
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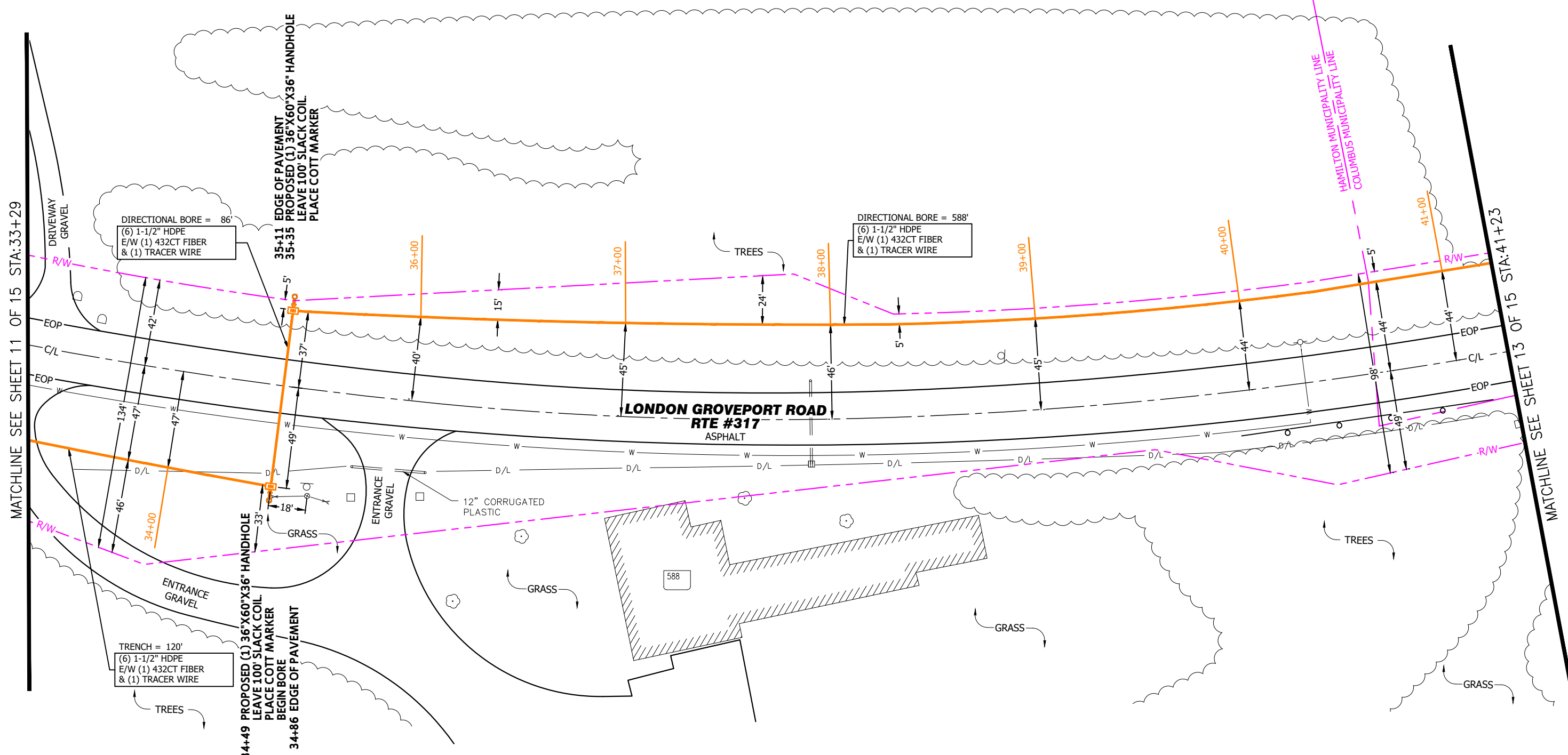


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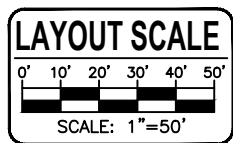


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SEGMENT 12 - LONDON GROVEPORT ROAD LOCKBOURNE, OH PROPOSED HANDHOLE & FIBER ROUTE			NOT FOR OUTSIDE DISCLOSURE WITHOUT EXPLICIT PERMISSION FROM SUMMITIG, SUMMIT INFRASTRUCTURE GROUP, LLC.
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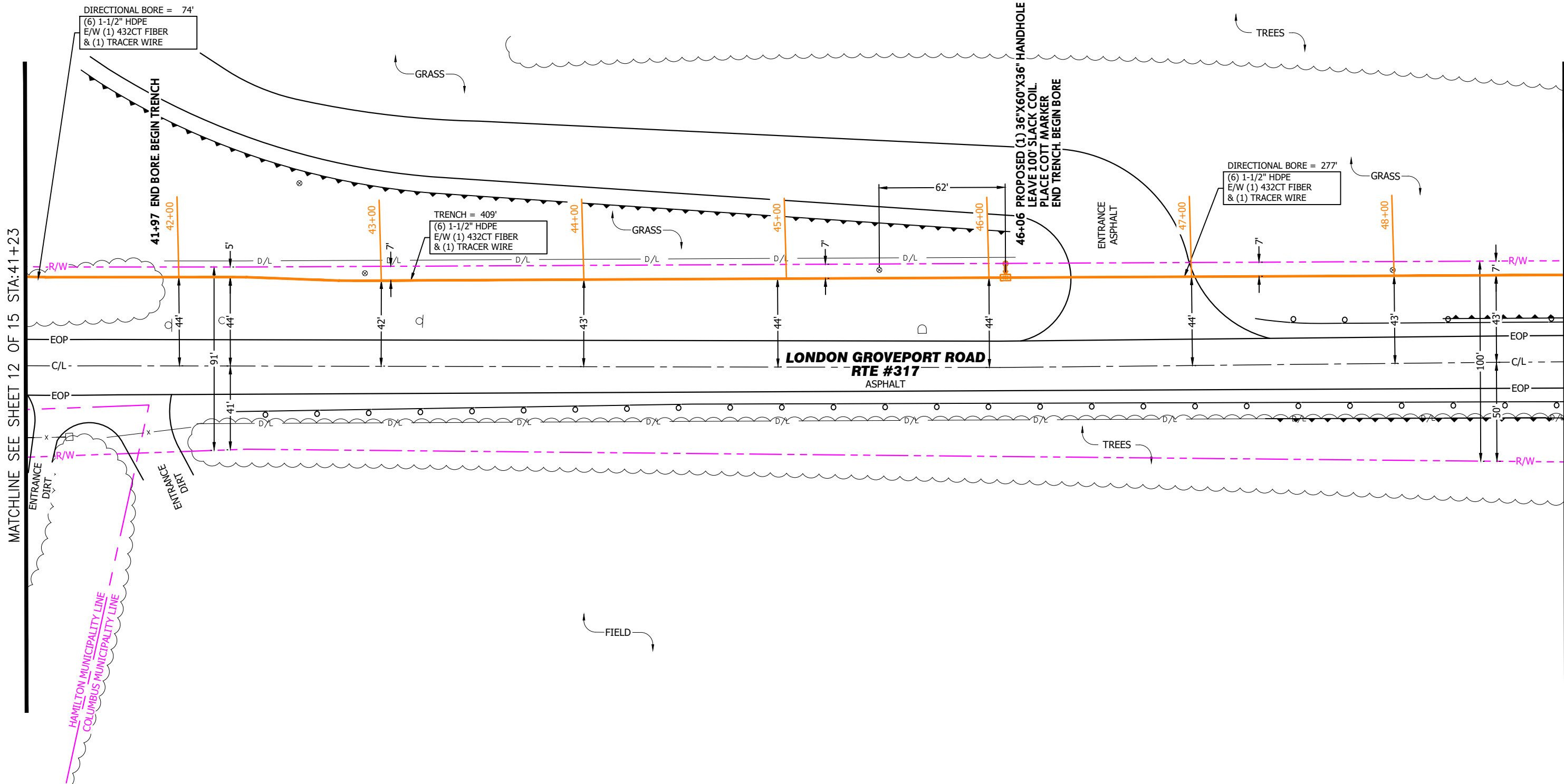
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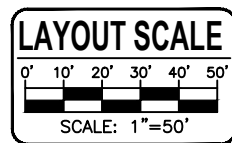
FILE: 18124	ENGINEER: MARK MEYERS	DRAFTER: PATRICK PRYGOCKI
REVISION: 00	DATE: 1/18/2022	SHEET: 12 OF 15

MATCHLINE SEE SHEET 12 OF 15 STA:41+23

MATCHLINE SEE SHEET 14 OF 15 STA:48+83



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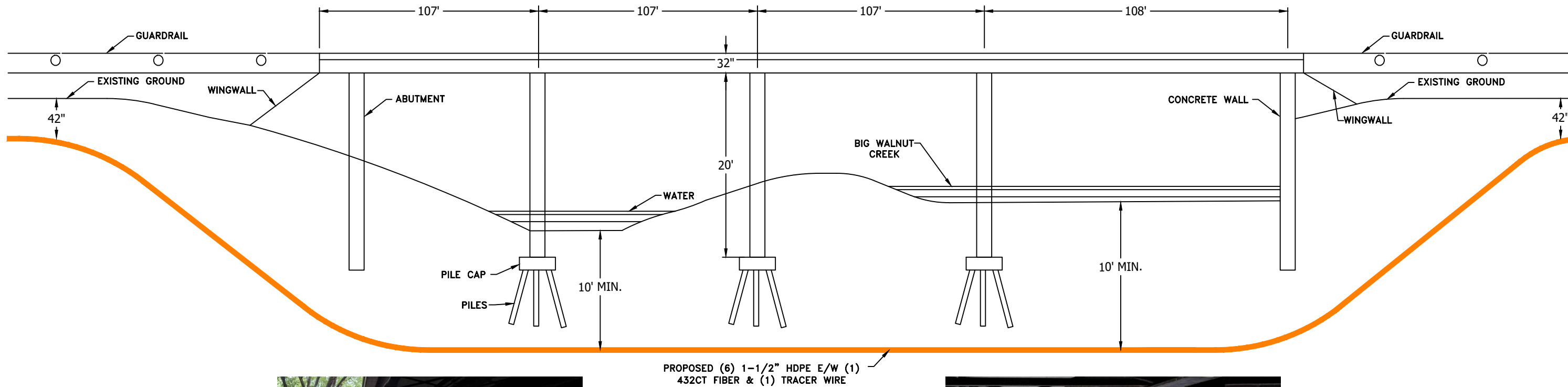
WALNUT CREEK PIKE  
ROUTE #7

56+22 EDGE OF WATER

56+58 EDGE OF WATER

58+67 EDGE OF WATER

59+86 EDGE OF WATER



BIG WALNUT CREEK  
PROPOSED DIRECTIONAL BORE

1  
14



BIG WALNUT CREEK  
PROPOSED DIRECTIONAL BORE

2  
15

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WILL BE VERIFIED AT LEAST 100' IN ADVANCE OF TRENCHING, PLOWING OR BORING,  
SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.



Know what's below.  
Call before you dig.

PRELIMINARY

express-tek  
EXPRESS TECHNOLOGIES, INC.

SummitIG,  
Summit Infrastructure  
Group, LLC

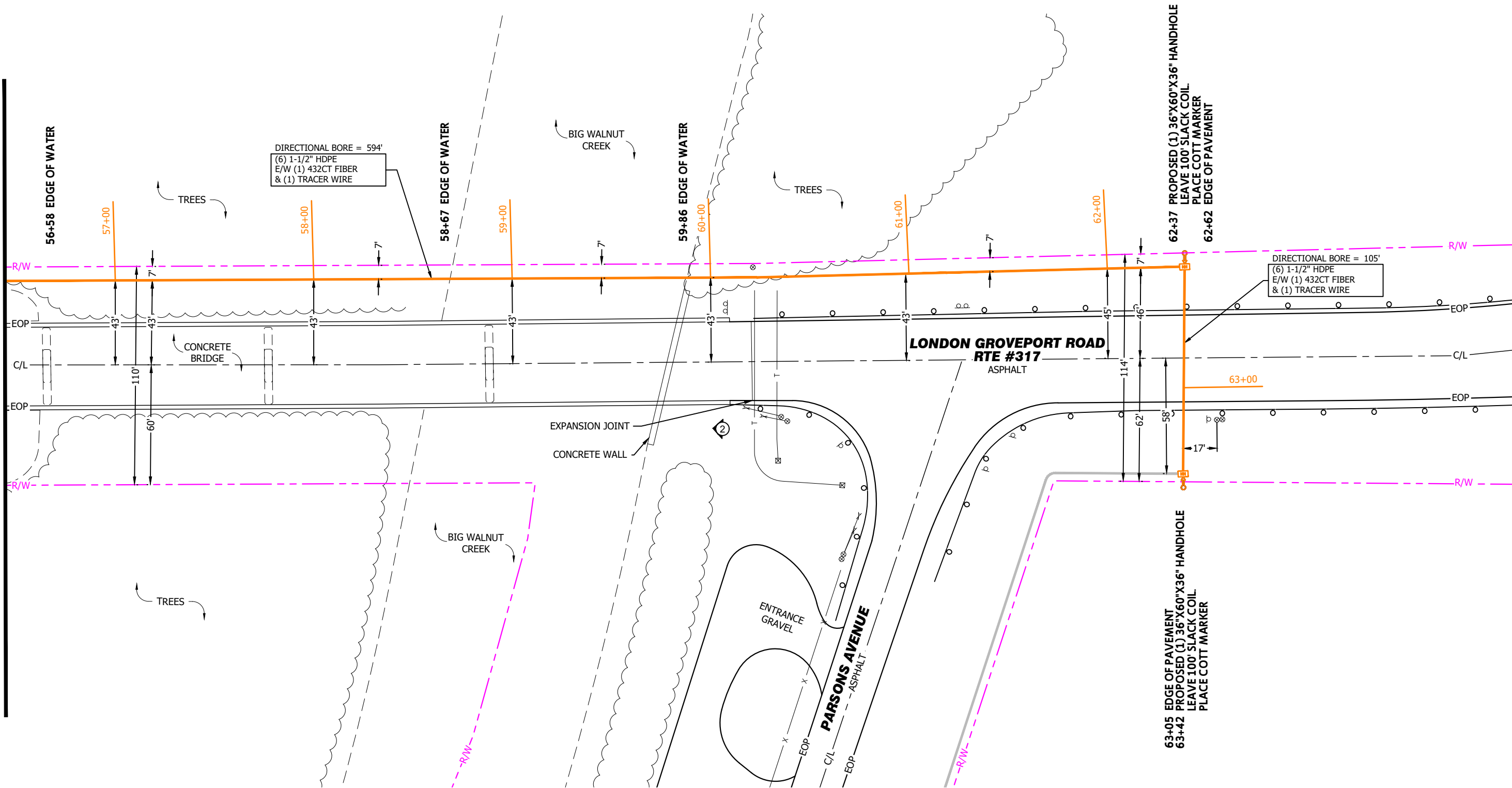
SEGMENT 12 - LONDON GROVEPORT ROAD  
LOCKBOURNE, OH  
PROPOSED HANDHOLE & FIBER ROUTE

NOT FOR OUTSIDE DISCLOSURE  
WITHOUT EXPLICIT PERMISSION  
FROM SUMMITIG, SUMMIT  
INFRASTRUCTURE GROUP, LLC.

FILE: 18124	ENGINEER: MARK MEYERS	DRAFTER: PATRICK PRYGOCKI
REVISION: 00	DATE: 1/18/2022	SHEET: 14A OF 15



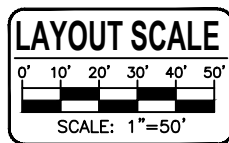
MATCHLINE SEE SHEET 14 OF 15 STA:56+43



**NOTE:**  
UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. THEREFORE, UTILITY LOCATIONS WILL BE VERIFIED AT LEAST 100' IN ADVANCE OF TRENCHING, PLOWING OR BORING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.



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SEGMENT 12 - LONDON GROVEPORT ROAD  
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PROPOSED HANDHOLE & FIBER ROUTE

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REVISION: 00	DATE: 1/18/2022	SHEET: 15 OF 15



**TYPICAL APPLICATIONS FOR MAINTENANCE OF TRAFFIC**

THE FOLLOWING TYPICAL APPLICATION(S) FROM THE 2012 EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES & ODOT OFFICE OF ROADWAY ENGINEERING STANDARD CONSTRUCTION DRAWINGS SHOULD BE USED, AS NECESSARY, FOR TRAFFIC CONTROL ON THIS PROJECT AS DESCRIBED IN THE MANUAL:

TA-1 – WORK BEYOND THE SHOULDER

TA-10 – LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS

**HOURS OF OPERATION IN ROW**

ALLOWABLE HOURS SHALL BE FROM 9AM TO 3PM & 6PM TO 6AM M-F, ALL DAY SAT & SUN.

**CITY OF COLUMBUS OCCUPANCY PERMIT**

TO WORK WITHIN THE CITY OF COLUMBUS, THE APPLICANT MUST ALSO OBTAIN AN OCCUPANCY PERMIT FROM THE CITY OF COLUMBUS PERMIT DEPARTMENT.

**LANES OPEN DURING HOLIDAYS AND SPECIAL EVENTS**

NO WORK SHALL BE PERFORMED AND THE SAME NUMBER OF LANES AS WERE AVAILABLE AT THE START OF THE PROJECT SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS AND EVENTS:

**HOLIDAYS**

CHRISTMAS	FOURTH OF JULY
NEW YEAR'S EVE	LABOR DAY
MEMORIAL DAY	THANKSGIVING

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00 NOON FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00 NOON MONDAY THROUGH 6:00 AM WEDNESDAY
WEDNESDAY	12:00 NOON TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00 NOON WEDNESDAY THROUGH 6:00 AM FRIDAY
THANKSGIVING	5:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00 NOON THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY

**SPECIAL EVENTS**

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

**COORDINATION WITH PROJECTS IN THE SAME LOCATION**

A FRANKLIN COUNTY CONSTRUCTION PROJECT IS WORKING IN THE SAME AREA STARTING 7/1/2022. ALL WORK SHALL BE COORDINATED TO PREVENT CONFLICTS BETWEEN CONTRACTORS. PLEASE CONTACT FRANKLIN COUNTY ENGINEERS OFFICE AT BEFORE BEGINNING WORK.

**NOTIFICATION OF TRAFFIC RESTRICTIONS**

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE COUNTY MANAGER, THE DISTRICT 6 PUBLIC INFORMATION OFFICE AT D06.PIO@DOT.OHIO.GOV AND THE DISTRICT WORK ZONE TRAFFIC MANAGER ATD06.MOT@DOT.OHIO.GOV 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 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 OR ODOT.

NOTIFICATION TIME FRAME TABLE			
ITEM	DURATION OF CLOSURE	NOTIFICATION DUE TO DISTRICT 6 COMMUNICATIONS OFFICE	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE	7 CALENDAR DAYS PRIOR TO CLOSURE
	<=12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE	2 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 COUNTY MANAGER, THE DISTRICT 6 PUBLIC INFORMATION OFFICE AND THE DISTRICT WORK ZONE TRAFFIC MANAGER USING THE NOTIFICATION TIME FRAME TABLE.

APPLICANT SHALL FILL OUT AND SUBMITTED TO PIO & DWZTM ODOT DISTRICT SIX - PERMIT AND LOCAL LET CLOSURE AND RESTRICTION FORM WHEN NOTIFYING THEM OF THE UPCOMING TRAFFIC RESTRICTION.

#### **BORE PITS, EARTHWORK AND TRENCHES BEYOND THE SHOULDER**

BORE PITS, EARTHWORK AND TRENCHES WITHIN ODOT RIGHT-OF-WAY MUST BE OUTSIDE OF THE DITCH SECTION AND PROTECTED IN ACCORDANCE WITH ODOT'S STANDARD CONSTRUCTION DRAWING MT-101.90. "DROPOFFS IN WORK ZONES".

- A PIT/TRENCH 4 TO 12 FEET FROM THE EDGE OF TRAVELED LANE AND GREATER THAN 12 INCHES DEEP MUST HAVE DRUMS DURING THE DAY AND PCB AT NIGHT UNLESS

SECURELY PLATED OR BACKFILLED TO WITHIN 12 INCHES. SEE PIS 2010190 FOR ADDITIONAL INFORMATION.

- A PIT/TRENCH 12 TO 30 FEET FROM THE EDGE OF TRAVELED LANE AND GREATER THAN 24 INCHES DEEP MUST HAVE DRUMS DURING THE DAY AND PCB AT NIGHT UNLESS SECURELY PLATED OR BACKFILLED TO WITHIN 24 INCHES. SEE MT-101.90 FOR ADDITIONAL INFORMATION.

THE LENGTH OF THE TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

#### **MUD, DIRT AND DEBRIS**

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

#### **VEHICLE PARKING**

VEHICLES ARE NOT TO BE PARKED ON THE PAVEMENT. ALL VEHICLES ARE TO BE PARKED AT LEAST 5 FEET FROM THE EDGE OF PAVEMENT.

#### **PERSONAL PROTECTIVE EQUIPMENT**

ODOT REQUIRES ALL CONTRACTORS' PERSONNEL TO WEAR THE CORRECT PPE WHILE WITHIN ODOT RIGHT-OF-WAY. ALL VEHICLES SHALL HAVE THE CORRECT SAFETY EQUIPMENT ALSO.

#### **ACCESS TO PRIVATE PROPERTY**

ACCESS TO DRIVES SHALL BE MAINTAINED VIA EXISTING PAVEMENT, TEMPORARY PAVEMENT OR ITEM 304. IN THE EVENT THAT A DRIVE CANNOT BE MAINTAINED AND A CLOSURE IS NEEDED THE CONTRACTOR WILL COORDINATE WITH THE PROPERTY OWNER TO MINIMIZE THE IMPACT TO THE OWNER.

COMMERCIAL PROPERTY WITH MULTIPLE DRIVES MAY HAVE ONE DRIVE CLOSED WHEN WORKING IN THE AREA OF THE DRIVE. COMMERCIAL PROPERTY WITH ONLY ONE DRIVEWAY OR DRIVEWAYS WITH ONE DIRECTION TRAFFIC USE WILL BE CONSTRUCTED PART WIDTH. THE CONTRACTOR WILL COORDINATE WITH THE PROPERTY OWNER TO MINIMIZE THE IMPACT TO THE OWNER.

MAINTAIN ACCESS TO RESIDENTIAL PROPERTIES AT ALL TIMES. WHEN A RESIDENTIAL DRIVE IS CLOSED FOR CONSTRUCTION, MAINTAIN ALTERNATE ACCESS TO THE PROPERTY. IT MAY BE REQUIRED FOR THE CONTRACTOR TO MAINTAIN ONE PASSABLE LANE WITHIN A CLOSURE IN ORDER FOR VEHICLES TO ACCESS RESIDENCY WITH A VEHICLE.

SUCCESSFULLY NOTIFY THE OCCUPANTS/OWNERS OF COMMERCIAL OR RESIDENTIAL DRIVES TO BE CLOSED AND COORDINATE THE CLOSURE AT LEAST 48 HOURS BEFORE THE CLOSURE BEGINS (SIMPLY LEAVING A WRITTEN NOTICE OR PHONE MESSAGE IS NOT SUFFICIENT). COORDINATE ALTERNATE ACCESS TO RESIDENTIAL PROPERTIES WITH THE OWNER/OCCUPANT.

#### **PROTECTION FROM DROP OFF CONDITIONS IN THE WORK ZONE**

ALL DROP-OFF CONDITIONS WITHIN THE WORK ZONE MUST BE PROTECTED IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING MT-101.90.

#### **GENERAL LANE CLOSURE POLICIES**

TRAFFIC BACK-UPS CAUSED BY THEIR OPERATION OF OVER 0.75 MILES IN LENGTH ANY TIME IS NOT PERMITTED.

ODOT RESERVES THE RIGHT TO REVOKE THE PERMIT IF THE MOT GUIDELINES ARE NOT MET.



Ohio Department of Transportation District Six  
Permit and Local Let  
Closure and Restriction Notification Form



\* Indicates a Mandatory Field

\* Permit Number

\* County

City

[Find](#) Coordinates

\* Road (SR, US, or I-)

\* Road Status

Type of work

\* Work completed by

Maintenance of Traffic (MOT)

\* Your Name

\* Your Email

\* Your Phone Number

Your Cell Phone Number

\* Traffic Restriction Start Date/Time

\* Date

\* Time

\* Traffic Restriction Completion Date/Time

\* Date

\* Time

\* Are Restrictions 24-hours a Day

☒ No ☐ Yes

\* Start Mile Marker (SLM)

\* Closest Intersecting Road

End Mile Marker (SLM)

\* Closest Intersecting Road

\* Direction

\* Lanes of Traffic Maintained

Include total number of lanes available  
(E.G. 1 of 2 lanes maintained) If project has both directions specify for each

\* Person Responsible for work

(This is the contact name for the person on site E.G. contractor or permit holder)

\* On Site Phone Number (with area code)

\* Description of Work

The following information is additional required information for special hauls.

\* Lane Closure/Restrictions

If there is a restriction, specify available lane width

Available Lane Width (edge line to edge line)

Feet: Inches:

Available Pavement Width

Feet: Inches:

\* Ramp Closure/Restrictions:

If there is a restriction, specify available lane width

Available Lane Width (edge line to edge line)

Feet: Inches:

Available Pavement Width

Feet: Inches:

Bridge Work

Vertical Bridge Clearance

Available Roadway Width

\* Bridge Direction

Feet: Inches:

Feet: Inches:

\* Listed Detour if Applicable: (if not applicable state N/A)

Additional Closure/Restriction Information:

\* What type of Traffic control is being utilized? (e.g. portable barrier, drums, temp signal, flaggers etc.)

\* What standard construction drawings are being used and/or Typical Applications (TAs) If SCD or TAs are not applicable MOT drawings must be attached

\* Who will be setting up the Traffic control? (List name of contractor or subcontractor and contact number.)

**Notes for Figure 6H-1—Typical Application 1****Work Beyond the Shoulder****Guidance:**

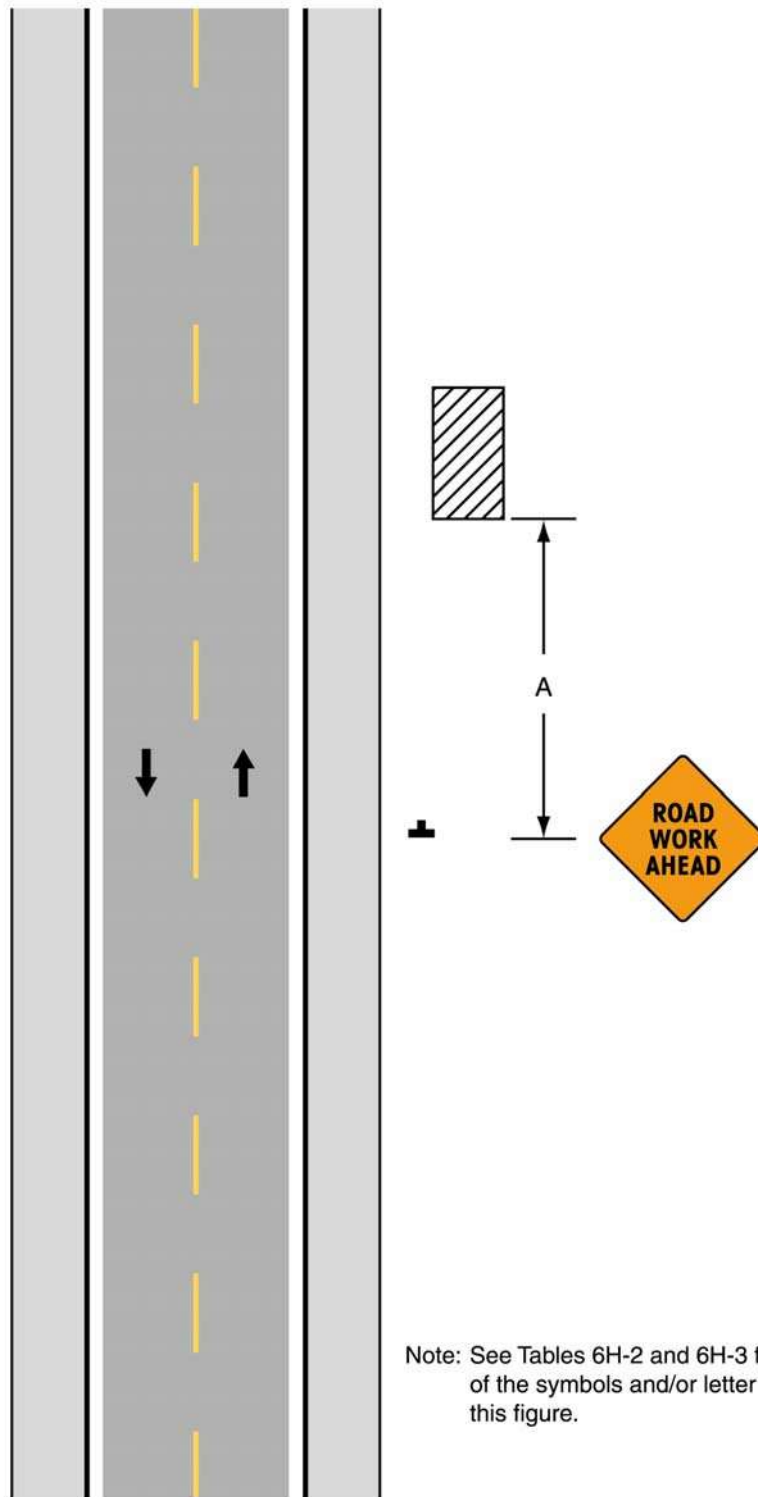
1. If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

**Option:**

2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 600 mm (24 in) behind the curb, or 4.5 m (15 ft) or more from the edge of any roadway.
4. For short-term, short-duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated rotating lights or strobe lights is used.

**Standard:**

- 5. Although vehicle hazard warning signals can be used to supplement the rotating lights or strobe lights, they shall not be used instead of rotating lights or strobe lights.**

**Figure 6H-1. Work Beyond the Shoulder (TA-1)****Typical Application 1**

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.



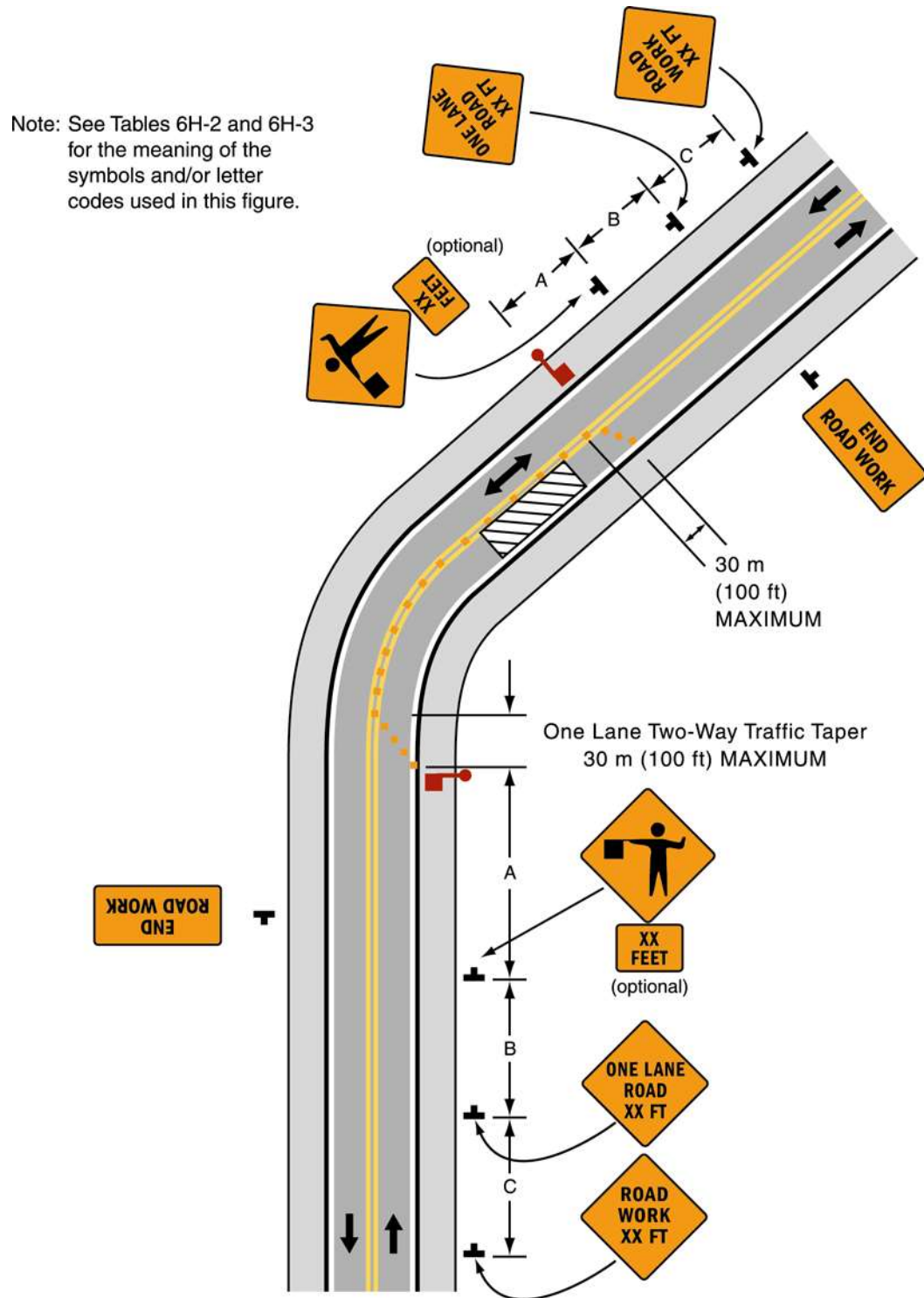
**Notes for Figure 6H-10—Typical Application 10****Lane Closure on Two-Lane Road Using Flaggers**

## Option:

1. For low-volume situations with short work zones on straight roadways where the flagger is visible to road users approaching from both directions, a single flagger, positioned to be visible to road users approaching from both directions, may be used (see Chapter 6E).
2. The ROAD WORK AHEAD and the END ROAD WORK signs may be omitted for short-duration operations.
3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs. A BE PREPARED TO STOP sign may be added to the sign series.
4. A flagger or a law enforcement officer may be used at the highway-rail grade crossing to minimize the probability that vehicles are stopped within 4.5 m (15 ft) of the highway-rail grade crossing, measured from both sides of the outside rails.

## Guidance:

5. Channelizing devices should be extended to a point where they are visible to approaching road users.
6. Floodlights should be provided as needed to mark flagger stations at night.
7. When used, the BE PREPARED TO STOP sign should be located between the Advance Flagger sign and the ONE LANE ROAD sign.
8. When a highway-rail grade crossing exists within or upstream of the transition area and it is anticipated that backups resulting from the lane closure might extend through the highway-rail grade crossing, the temporary traffic control zone should be extended so that the transition area precedes the highway-rail grade crossing.
9. When a highway-rail grade crossing equipped with active warning devices exists within the activity area, provisions should be made for keeping flaggers informed as to the activation status of these warning devices.
10. When a highway-rail grade crossing exists within the activity area, drivers operating on the left side of the normal centerline should be provided with comparable warning devices as for drivers operating on the right side of the normal centerline.
11. Early coordination with the railroad company should occur before work starts.

**Figure 6H-10. Lane Closure on Two-Lane Road Using Flaggers (TA-10)****Typical Application 10**