

March 17, 2023

Ms. Tanowa Troupe
Docketing Division, Ohio Power Siting Board
The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, OH 43215-3793

Letter of Notification
Lakeview-Ottawa 138 kV Transmission Line
Reconductor Project
Case No. 22-0967-EL-BLN
Second Tranche of Supplemental Information

Dear Ms. Troupe:

Enclosed for docketing and Staff's review, as required by Condition (2) of the Construction Certificate issued in the above-referenced case, are additional governmental agency permits that ATSI has received for construction of the Lakeview-Ottawa 138 kV Transmission Line Reconductor Project:

- ODOT Driveway Permit
- ODOT Crossing Permit
- Ottawa County Driveway Permit

ATSI has also determined since filing its LON Application that the following permits are not required:

- Ottawa County Overhead Crossing Permit
- City of Port Clinton Floodplain Development Permit

If there are any questions concerning this matter, please contact me at 724-830-5390.

Sincerely,



Eric M. Filicky
Transmission Specialist
Transmission and Substation Design
FirstEnergy Service Company

Attachments



OHIO DEPARTMENT OF TRANSPORTATION
Mike DeWine, Governor Jack Marchbanks, Ph.D., Director

District 2
317 East Poe Rd., Bowling Green, OH 43402-1330
419-353-8131
transportation.ohio.gov

Dear Permittee,

Attached is your permit to work within the State's Right of Way. The provisions contained in the permit should be reviewed carefully and must be followed. On the face copy of your permit is your ODOT contact person. Who must be contacted at least 24 hours in advance of starting any work.

All maintenance of traffic control will need to meet or exceed those listed in the Temporary Traffic Control Manual. The latest edition. If you're planning to have a contractor perform this work, they must always have a copy of this permit on site while work is being performed and fully understand the provisions that apply.

Should any unforeseen circumstances delay you from completing your work, you can file for a time extension. This request needs to be in writing and submitted in advance of your permit's expiration date. In addition, the following information needs to be included, permit number, County, Route and Section and when your work will be completed.

Please submit permit extensions to the Office of Permits, 317 East Poe Road, Bowling Green, Ohio 43402 prior to the expiration date.

Please feel free to contact the Permit Office @ (419) 373-4301 or by e-mail @ Michele.pennell@dot.ohio.gov

If you have any questions concerning your permit or its provisions.

Sincerely,

Michele A Pennell

Michele A Pennell
Permit Tech D02
Office of Planning and Engineering

MR 509
Permit No. 22-20733

Office Use Only

State of Ohio
Department of Transportation
Permit

County or Jurisdiction OTTAWA
Rte SR 53
Log Pt 4.339-4.375
Acc Cat

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

Name: American Transmissions Systems, Inc.
Address: 76 South Main St A-GO-3 / AK-General Office Bldg Akron OH 44308
Company Phone: 330-384-2526

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.

ALL TRAFFIC MUST BE STOPPED WHILE LINE IS BEING INSTALLED OVER THE HIGHWAY. Attach the proposed fiber optic cable on existing poles aerially crossing SR 53. And stone to one exiting access per ODOT standards. ALL AERIAL INSTALLATIONS WITHIN THE RIGHT OF WAY MUST HAVE IDENTIFICATION TAGS ATTACHED AT A MINIMUM OF EVERY OTHER POLE. THE IDENTIFICATION TAGS MUST DISPLAY THE COMPANY NAME AND A 24 HOUR CONTACT NUMBER WHICH IS CLEARLY VISIBLE. Failure on the part of the permittee or their contractor to comply with the regulations contained in this permit will be cause for immediate suspension of this permit. Any terrain that has been disturbed do to this work shall be restored to the original condition. All work shall be performed per the attached approved plans. No cutting of the pavement shall be permitted. See attached notes for additional requirements. Nothing in this permit waives any local, state or federal regulations or requirements that would mandate the permittee either comply with said laws and regulations or to seek a separate permit under those laws and regulations in the prosecution of the work permitted herein.

Drive - Temporary Construction - (see attached sheets)

Description of Work: The utilization of one (1) existing gravel access location (#LO-18) within the right of way of W Fremont Road (SR-53) to support construction access to ATSI's Lakeview-Ottawa 138kV Transmission Line Rebuild Project. Additional gravel will be installed to facilitate construction access.

[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

Drew Kronberg
419-409-0002
Email Address:
(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 09/09/2023

Dated 03/09/2023

Rev 5/6/2021

(the remainder of this page is left blank intentionally)

**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:

(the remainder of this page is left blank intentionally)

Utility Permits

This permit is valid only within the limits of Right of Way of this State Route. Permits for that portion of your facilities located along county or Township Right of Way must be obtained from the appropriate authorities.

A copy of your permit is to be on site at all times while working.

U

- U-01 To assure the proper installation, the Ohio Department of Transportation Office of Permits must be notified at (419) 373-4301, a minimum of 24 hours prior to any work being started. The proposed work will be performed at no cost to the State of Ohio or Federal Highway Administration. A copy of this permit is to be on site at all times while working. Deviations from the approved plans requires advance written notice prior to making said deviation.
- U-02 There is to be NO parking of equipment, service vehicles, erecting of lights, or placing of advertising devices within the State Highway Right of Way. Similarly no equipment, service vehicles, device or structures are permitted to overhang the State Highway.
- U-03 Written permission must be granted by ODOT in advance of any road closure and/or lane closures using jersey barriers or other traffic control devices. All closures must be open between December 1st and March 31st. Any approved closure will require a 15 day notice to the permit office.
- U-04 All work requiring men or vehicles to occupy traveled lanes, paved and/ or unpaved shoulders and areas beyond the pavement limits, shall fully comply with the Temporary Traffic Control Manual, edition 2012 and item 614 (Maintaining Traffic) in the Department of Transportation Construction and Material Specifications.
- U-05 If traffic should need to be stopped the Ohio State Highway Patrol or Local Law Enforcement personnel should be present.
- U-06 All work will be restricted to off-peak traffic hours. Rolling road blocks and lane closures are allowed between 12 midnight and 12 noon on Saturday & Sunday only.
- U-07 The contractor shall notify the Ohio Department of Transportation no less than two weeks prior to starting any work, allowing an ample amount of time for ODOT to obtain site elevations at the proposed location.
- U-08 The ODOT Intelligent Transportation System (ITS) Infrastructure and device are not currently listed in the OHio Utility Protection Services (OUPS) program. Please send a copy of the OUPS ticket or locate request to the ODOT ITS Section via email to CEN.ITS.LAB@dot.ohio.gov, in order to get the ITS utility infrastructure marked.
- U-09 The contractor must give property owners a minimum of 24 hours notice before cutting any driveways. Also, the permit holder shall give ample notice to all property owners before trenching or cable plowing operations begin.
- U-10 The minimum depth for any installation under a highway or flow line of a ditch will be 48" inches and 60" under all major water ways, drainage structures and footers. All trenches and or bore pits are to be closed or protected while work is not being performed.
- U-11 All underground facilities shall be as close to edge of the Right of Way line as possible.
- U-12 In Accepting this permit, the permittee assures that warning monuments will be placed and maintained on each side of the State Highway. And said monuments shall state that there is an underground utility at the location. Also, it must state the name and telephone number of the utility company.
- U-13 Tracer tape shall be installed and placed 1 foot above the proposed conduit and shall extend the full length.
- U-14 The cutting of the pavement will not be permitted
- U-15 The use of the highway clear zone, traveled lanes, stabilized or un-stabilized berm's for the storage of construction materials or depositing of excavated material is NOT Permitted.
- U-16 Bore pits shall maintain a minimum distance of 10' to the edge of pavement, and casing pipe shall extend the same.
- U-17 When the bore opening under the pavement exceeds by 2" inches the outside diameter of the pipe installed, the opening around the pipe shall be filled with grout in a manner suitable to the Ohio Department of Transportation. All sanitary force main and water mains crossing the highway shall be encased.
- U-18 All water services 2" inches or less shall consist of polyethylene, and be of a length to extend under the pavement without a joint to a minimum distance of 3' feet beyond each pavement edge. Such service pipe shall have a minimum coverage of 3 # feet and the diameter of the opening provided for the installation shall be not more than 1 # times the outside diameter of the tubing to be installed.
- U-19 Casing is required for non-plastic lines less than 16 inches in diameter crossing the highway and carrying liquid petroleum or under gas pressure if the pipe carries an internal pressure in excess of 30 percent (30%) SMYS of the pipe. Pipe lines 16 inches and over must comply with 49 CFR 192.
- U-20 Casing is required for plastic pipe crossing the highway and carrying liquid petroleum or gas if the internal pressure exceeds 100 psig. The following information shall be provided by a Utility Company when using plastic pipe on a State Highway Right of Way
1) Manufactures name; 2) The brand name of the pipe; 3) The pipe material designation; 4) The pipe size and wall thickness; 5) The working pressure.

- U-21 It shall be the responsibility of the permittee to insure the construction or placement of any poles will not obstruct the site distance of any intersection.
- U-22 All aerial facilities shall be as close to the edge of the Right of Way line as possible.
- U-23 All roadway crossings will have a minimum vertical clearance which is equal to or greater than that required by the National Electric Safety Code.
- U-24 Upon substantial completion of this project, all areas where vegetation has been disturbed and/ or destroyed will be fertilized, seeded, and mulched, in accordance with CMS item 659.
- U-25 All drainage tiles and/ or outlets, including field tile outlets, disturbed by this operation shall be restored to working order to the satisfaction of the owner.
- U-26 The permittee shall take any and all appropriate measures to limit soil erosion during and after construction authorized herein. As such he shall be fully accountable to the Ohio EPA, the Soil Conservation Service, and other appropriate agencies for any violation or disregard of the applicable governing standards and regulations related to the protection and conservation of soils that are affected by this permitted work. Ref-SS877
- U-27 All public and private property including highway fence that is disturbed by the contractor will be repaired to a condition equal to or better than the original condition, including sidewalks and driveways.
- U-28 The permittee, site inspectors or project supervisor shall not allow the removal, damage or re-erection of any ODOT signs along the proposed project route. Should any signs obstruct the proposed installation, the permittee or contractor shall notify ODOT no less than 72 hrs in advance allowing time to schedule the relocation of said obstruction. Contact is to be made at the following number, (419) 373-4414 or (419) 373-4483. The permittee shall further be responsible for any and all cost associated with the replacing, relocating of said signs.
- U-29 All trenches and/ or bore pits are to be closed during non-working hours, or protected by steel plating and illuminated by reflective barrels with amber lights.
- U-30 Underground facilities shall not be installed between the shoulder area and the outer extremities where mailboxes and/ or highway signs are typically installed.
- U-31 Failure to comply with the provisions stimulated in this permit will be just cause for immediate suspension of this permit.
- U-32 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 do so will result in no reimbursement for damage to your property.

Table 6H-2. Meaning of Symbols on Typical Application Diagrams
























	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work Vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs (Feet) **		
	A	B	C
Urban (low speed) *	100	100	100
Urban (high speed) *	350	350	350
Rural	500	500	500
Expressway / Freeway	1,000	1,500	2,640

* Speed category to be determined by highway agency.

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Lengths

Speed (S)	Taper Length (L) in Feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

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

Guidance:

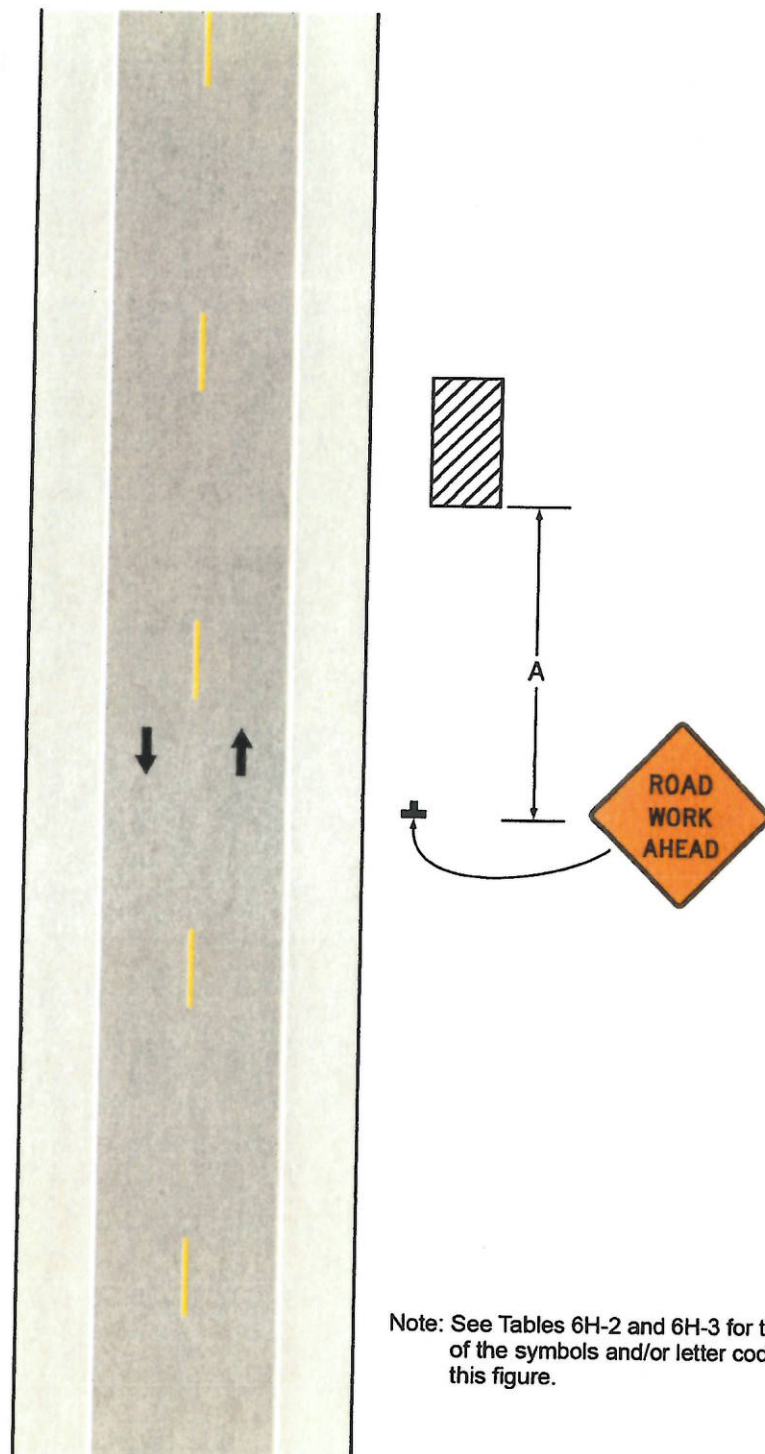
1. *If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.*

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 24 inches behind the curb, or 15 feet 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 high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**

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

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

Typical Application 1

Notes for Figure 6H-3—Typical Application 3
Work on the Shoulders

Guidance:

1. *A SHOULDER WORK sign should be placed on the left side of the roadway for a divided or one-way street only if the left shoulder is affected.*

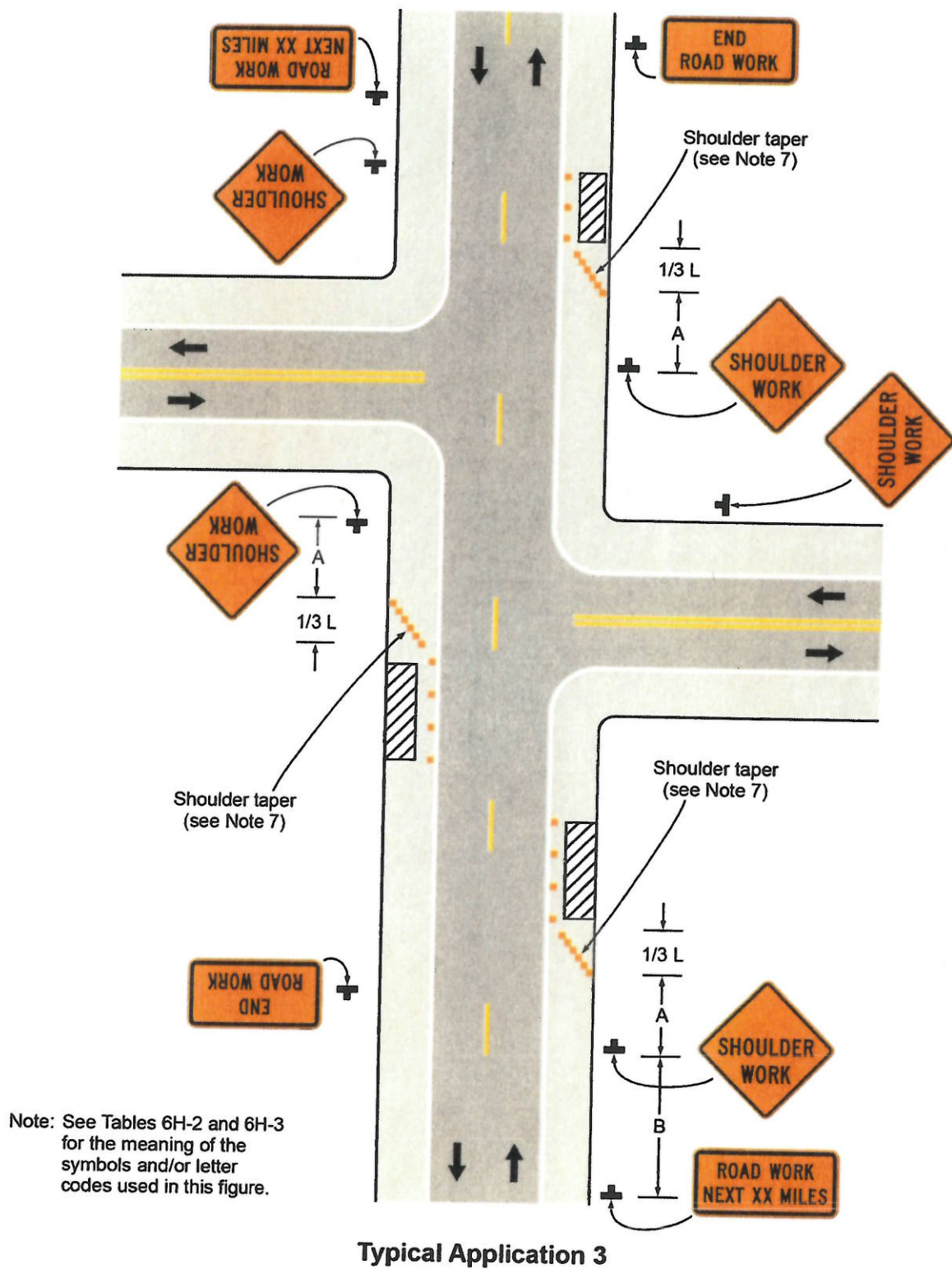
Option:

2. The Workers symbol signs may be used instead of SHOULDER WORK signs.
3. The SHOULDER WORK AHEAD sign on an intersecting roadway may be omitted where drivers emerging from that roadway will encounter another advance warning sign prior to this activity area.
4. For short-duration operations of 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**
7. **When paved shoulders having a width of 8 feet or more are closed, at least one advance warning sign shall be used. In addition, channelizing devices shall be used to close the shoulder in advance to delineate the beginning of the work space and direct vehicular traffic to remain within the traveled way.**

Figure 6H-3. Work on the Shoulders (TA-3)



Notes for Figure 6H-10—Typical Application 10
Lane Closure on a 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.

Guidance:

4. *The buffer space should be extended so that the two-way traffic taper is placed before a horizontal (or crest vertical) curve to provide adequate sight distance for the flagger and a queue of stopped vehicles.*

Standard:

5. **At night, flagger stations shall be illuminated, except in emergencies.**

Guidance:

6. *When used, the BE PREPARED TO STOP sign should be located between the Flagger sign and the ONE LANE ROAD sign.*
7. *When a grade crossing exists within or upstream of the transition area and it is anticipated that queues resulting from the lane closure might extend through the grade crossing, the TTC zone should be extended so that the transition area precedes the grade crossing.*
8. *When a 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.*
9. *When a grade crossing exists within the activity area, drivers operating on the left-hand side of the normal center line should be provided with comparable warning devices as for drivers operating on the right-hand side of the normal center line.*
10. *Early coordination with the railroad company or light rail transit agency should occur before work starts.*

Option:

11. A flagger or a uniformed law enforcement officer may be used at the grade crossing to minimize the probability that vehicles are stopped within 15 feet of the grade crossing, measured from both sides of the outside rails.

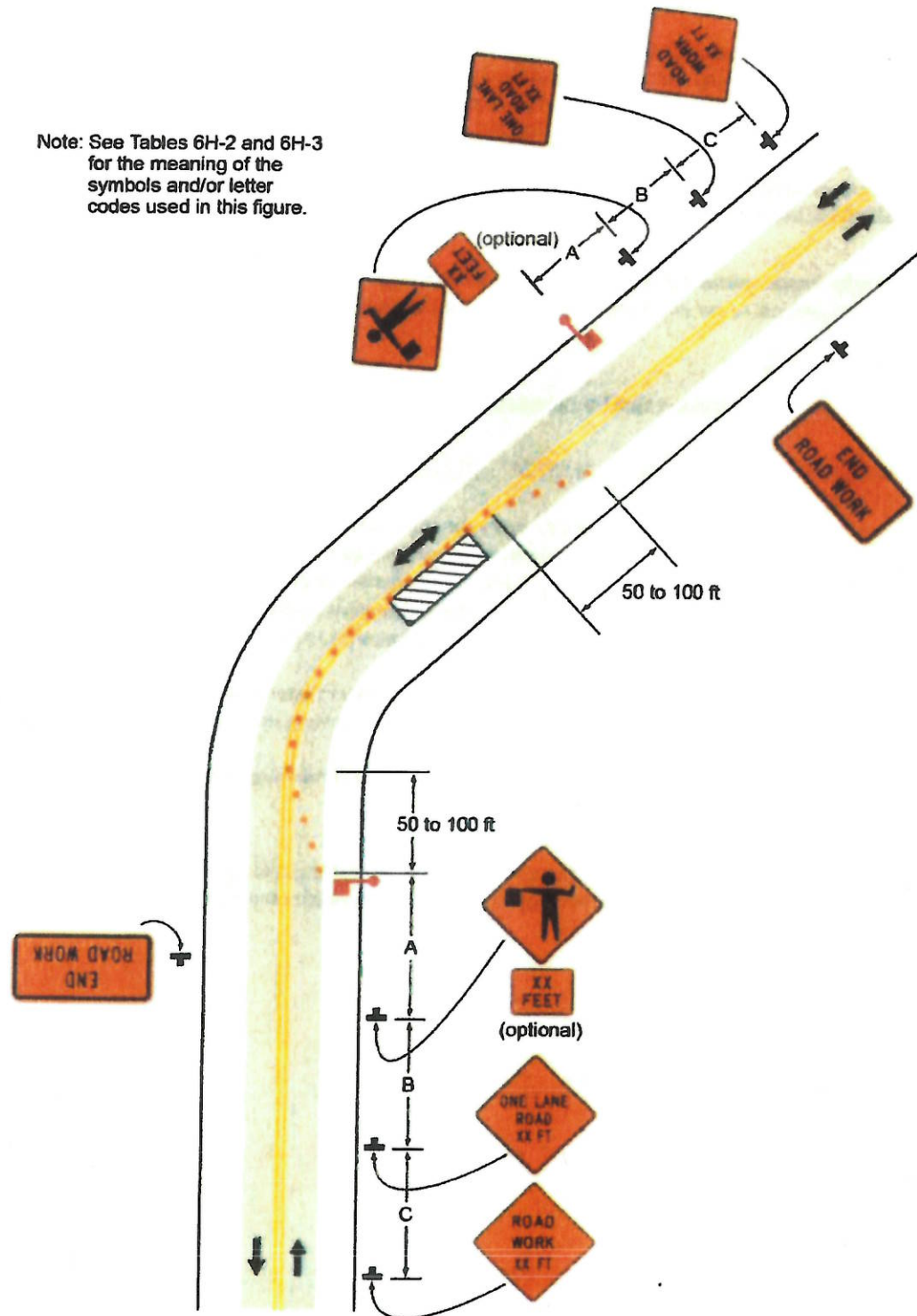
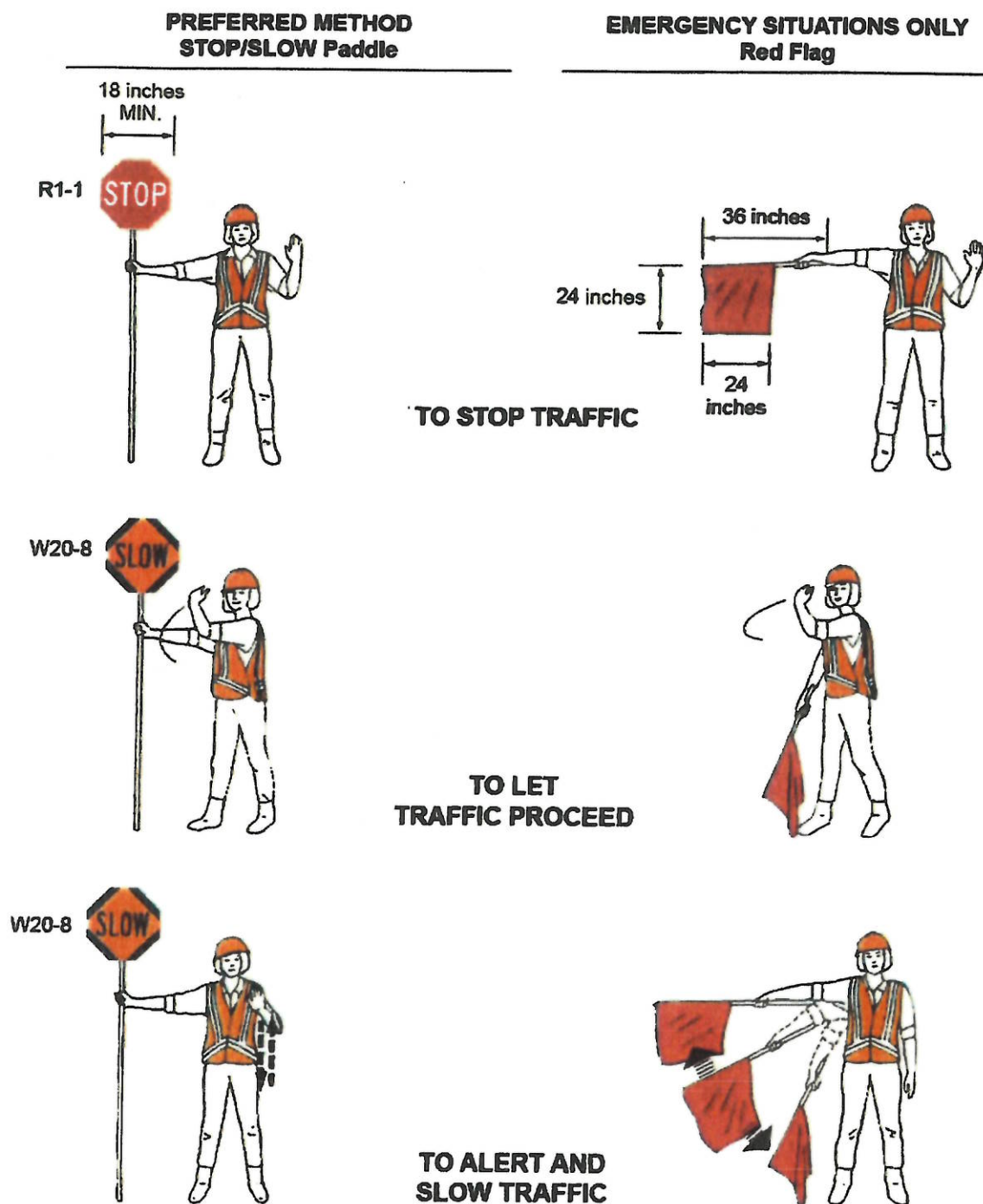
Figure 6H-10. Lane Closure on a Two-Lane Road Using Flaggers (TA-10)**Typical Application 10**

Figure 6E-3. Use of Hand-Signaling Devices by Flaggers



- 02 The distances shown in Table 6E-1, which provides information regarding the stopping sight distance as a function of speed, may be used for the location of a flagger station. These distances may be increased for downgrades and other conditions that affect stopping distance.

Guidance:

- 03 *Flagger stations should be located such that an errant vehicle has additional space to stop without entering the work space. The flagger should identify an escape route that can be used to avoid being struck by an errant vehicle.*

Standard:

- 04 Except in emergency situations, flagger stations shall be preceded by an advance warning sign or signs. Except in emergency situations, flagger stations shall be illuminated at night.

Table 6E-1. Stopping Sight Distance as a Function of Speed

Speed *	Distance
20 mph	115 feet
25 mph	155 feet
30 mph	200 feet
35 mph	250 feet
40 mph	305 feet
45 mph	360 feet
50 mph	425 feet
55 mph	495 feet
60 mph	570 feet
65 mph	645 feet
70 mph	730 feet
75 mph	820 feet

* Posted speed, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed

Notes for Figure 6H-13—Typical Application 13
Temporary Road Closure

Support:

1. Conditions represented are a planned closure not exceeding 20 minutes during the daytime.

Standard:

2. **A flagger or uniformed law enforcement officer shall be used for this application. The flagger, if used for this application, shall follow the procedures provided in Sections 6E.07 and 6E.08.**

Guidance:

3. *The uniformed law enforcement officer, if used for this application, should follow the procedures provided in Sections 6E.07 and 6E.08.*

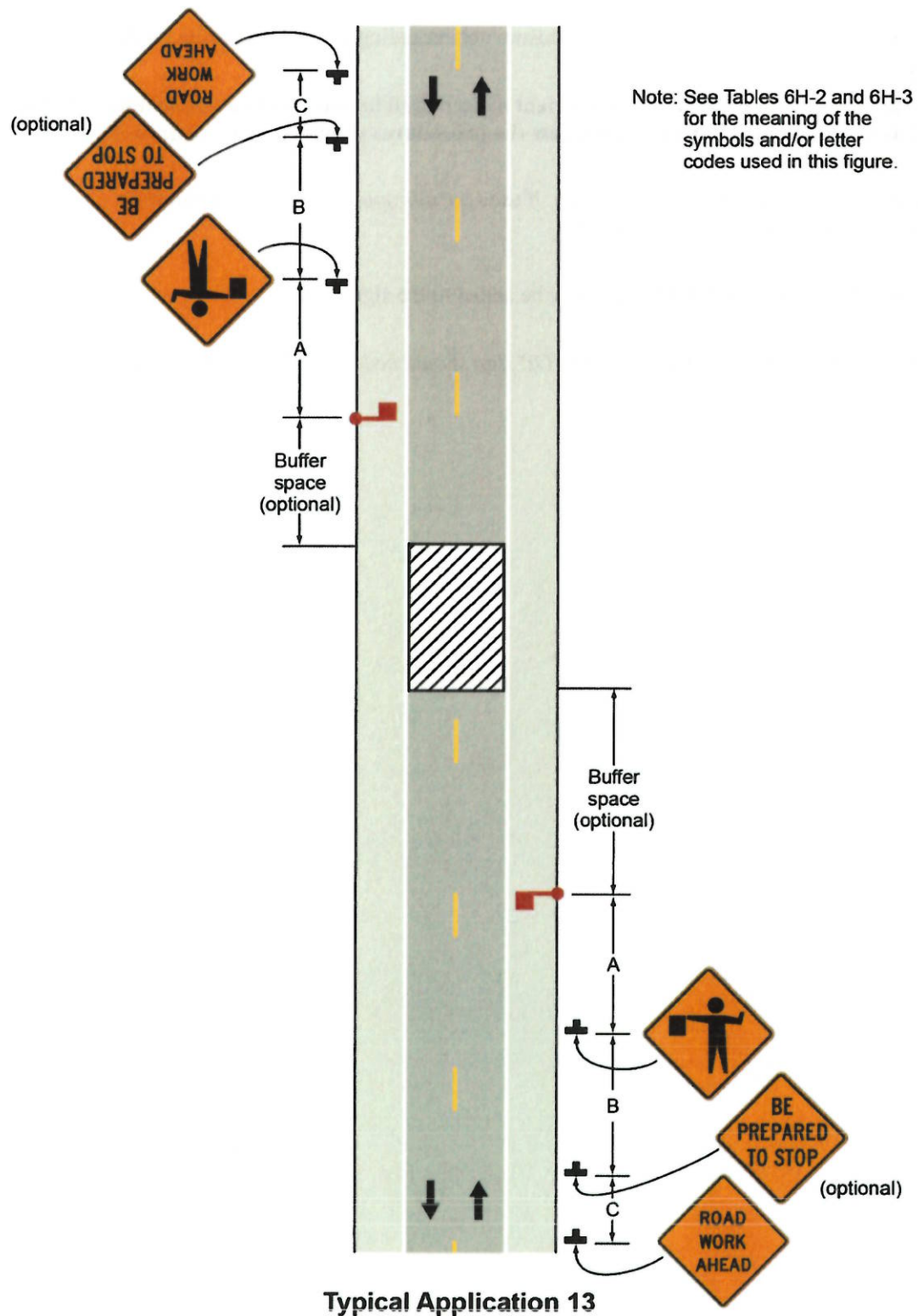
Option:

4. A BE PREPARED TO STOP sign may be added to the sign series.

Guidance:

5. *When used, the BE PREPARED TO STOP sign should be located before the Flagger symbol sign.*

Figure 6H-13. Temporary Road Closure (TA-13)



Vol. 3, Page 101 *Greenfield - Ottawa (T.E. Co.) # 156-H.* *725H*
3-012-076 *E 12.76*

KNOW-ALL MEN BY THESE PRESENTS:

That James M. Mc Ritchie
the Grantor, of the Township of Bay, County of Ottawa,
State of Ohio, in consideration of a valuable sum in dollars, received to his full satisfaction
of The Ohio Public Service Company, a corporation, the Grantee, do give and grant unto the Gran-
tee, its successors and assigns, an easement, right, privilege and right of way for a transmission
line for the transmission of electric current or energy of the width of one hundred (100) feet,
upon, over and across the lands of the Grantor, situated in the Township of Bay,
County of Ottawa, State of Ohio, being part of section 11 which
said lands and premises are more definitely described as follows:

Bounded on the north by ~~lands now or formerly owned by~~ Highway
Bounded on the east by lands now or formerly owned by George Mc Ritchie
Bounded on the south by ~~lands now or formerly owned by~~ South line of section 11.
Bounded on the west by lands now or formerly owned by J. Clifford Hineline
which easement, right, privilege and right of way above referred to is described as follows:

A strip of land 100 feet wide, 50 feet each side of a center line, which
center line of right of way is described as follows:
Said center line crosses from land of George Mc Ritchie at a point on Grantor's
east property line 255 feet south from the center of the Fremont-Port Clinton
Highway; thence from this point south 87 degrees 14 minutes west to a point
on Grantor's west property line 87 feet south from the center of the Fremont-
Port Clinton Highway.

Said right of way thence crosses lands of J. Clifford Hineline.

The easement, privilege and right of way herein granted includes any land owned by him
within fifty (50) feet of the within described center line, whether such center line is, at the point
opposite such land, on my land, on the highway, or on land of some other party, together with
the right to enter upon said land and erect, inspect, operate, replace, repair and patrol and per-
manently maintain on said right of way, ~~poles and~~ towers with the necessary conductors, wires,
cross-arms, and other usual fixtures and appurtenances used or adapted for the transmission of
electric current for light, heat, power or any other purpose, with the right also to trim, cut and
remove at any and all times such trees, parts of trees, limbs, brushes and underbrush within or
projecting into the above described right of way as in the judgment of the Grantee may interfere
with or endanger said ~~poles and~~ towers and wires or their operation or with any of their appurten-
ances when erected, reserving, however, to the Grantor, and to his heirs the right to
cultivate the ground between said ~~poles and~~ towers and beneath said wires, provided that such
use shall not interfere with or obstruct the rights herein granted.
The above consideration to be in full satisfaction of any and all damages, present and future,
which he may sustain.

3-012-076

12-13-27

TO HAVE AND TO HOLD the said easement, privilege and right of way and its appurtenances to said Grant, and to its successors and assigns forever to its and their own proper use and behoof.

And ~~he~~ the Grantor ^{ss} do hereby covenant and agree for ~~himself~~ and his heirs, executors, administrators and assigns, with the Grantee and its successors and assigns that at and until the ensealing of these presents ~~he was~~ well seized of the above bargained premises in fee simple; that ~~he has~~ ^{he} full right, title and authority to grant and convey the foregoing rights and privileges and ~~he~~ further by these presents bind ~~himself~~ and his heirs to warrant and defend the same to the said Grantee and to its successors and assigns forever against all claims and demands whatsoever.

The Grantee covenants and agrees to pay all taxes that may be assessed or imposed on the poles, towers, wires or other fixtures and appurtenances erected or installed hereunder on the premises of the Grantor.

And for valuable consideration Emma G. Mc Ritchie, wife of James M. Mc Ritchie,

do hereby remise, release and forever quit-claim unto the said Grantee, its successors and assigns all ~~her~~ right and expectancy of dower in the above described right of way.

(Signed and acknowledged in the presence of)

A. S. Haller
R. S. Haller

James M. Mc Ritchie
Emma G. Mc Ritchie

State of Ohio }
County of Ottawa } ss.

Before me, the undersigned, a Notary Public within and for said County and State, personally appeared James M. Mc Ritchie and Emma G. Mc Ritchie, husband and wife,

who acknowledged that they did sign the foregoing instrument and that the same is their free act and deed.

IN TESTIMONY WHEREOF I have hereunto set my hand and official seal at Port Clinton this 13th day of December, A. D., 1927.

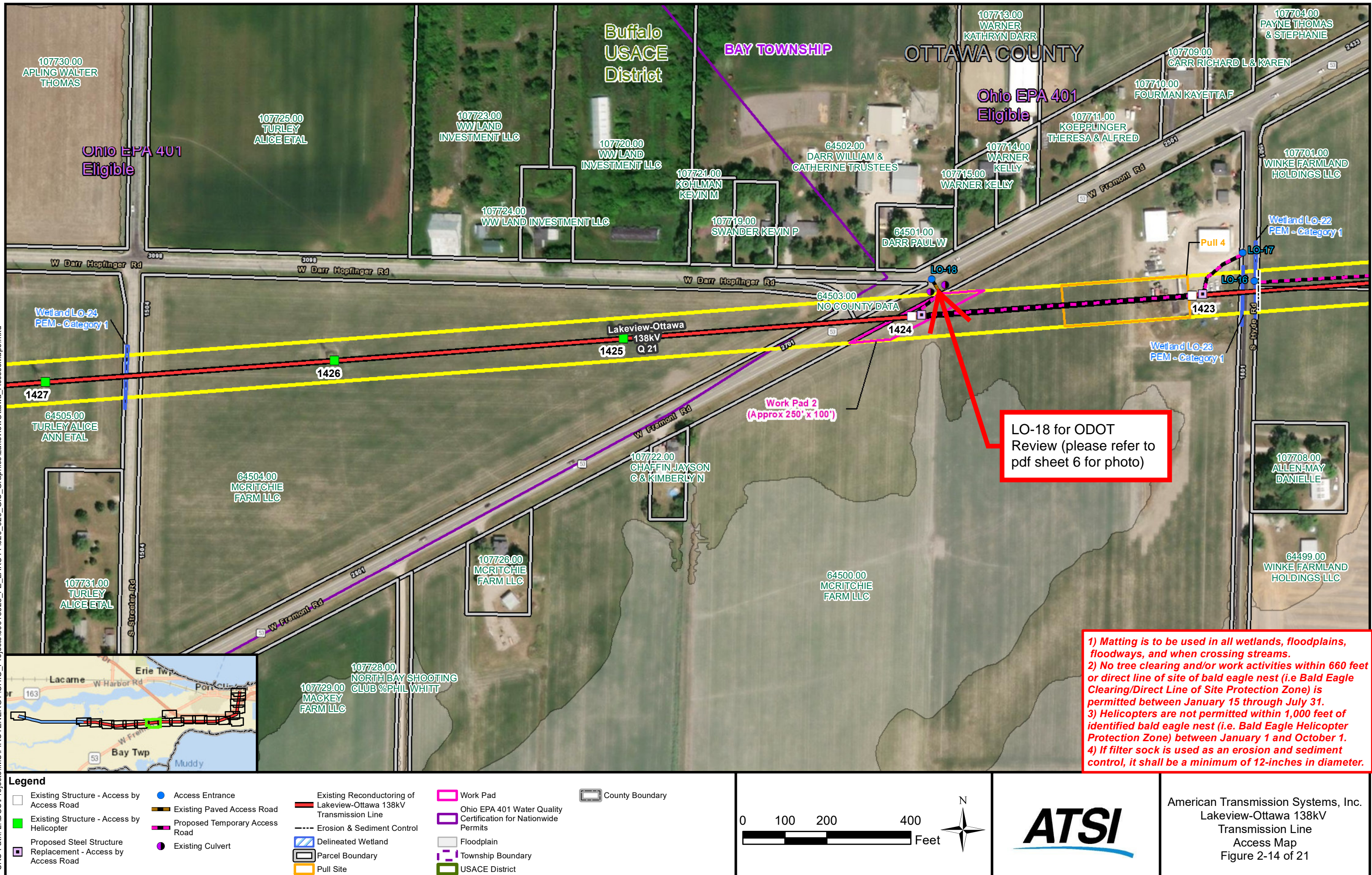
225 2-27 B.Co.

R. S. Haller
Notary Public.

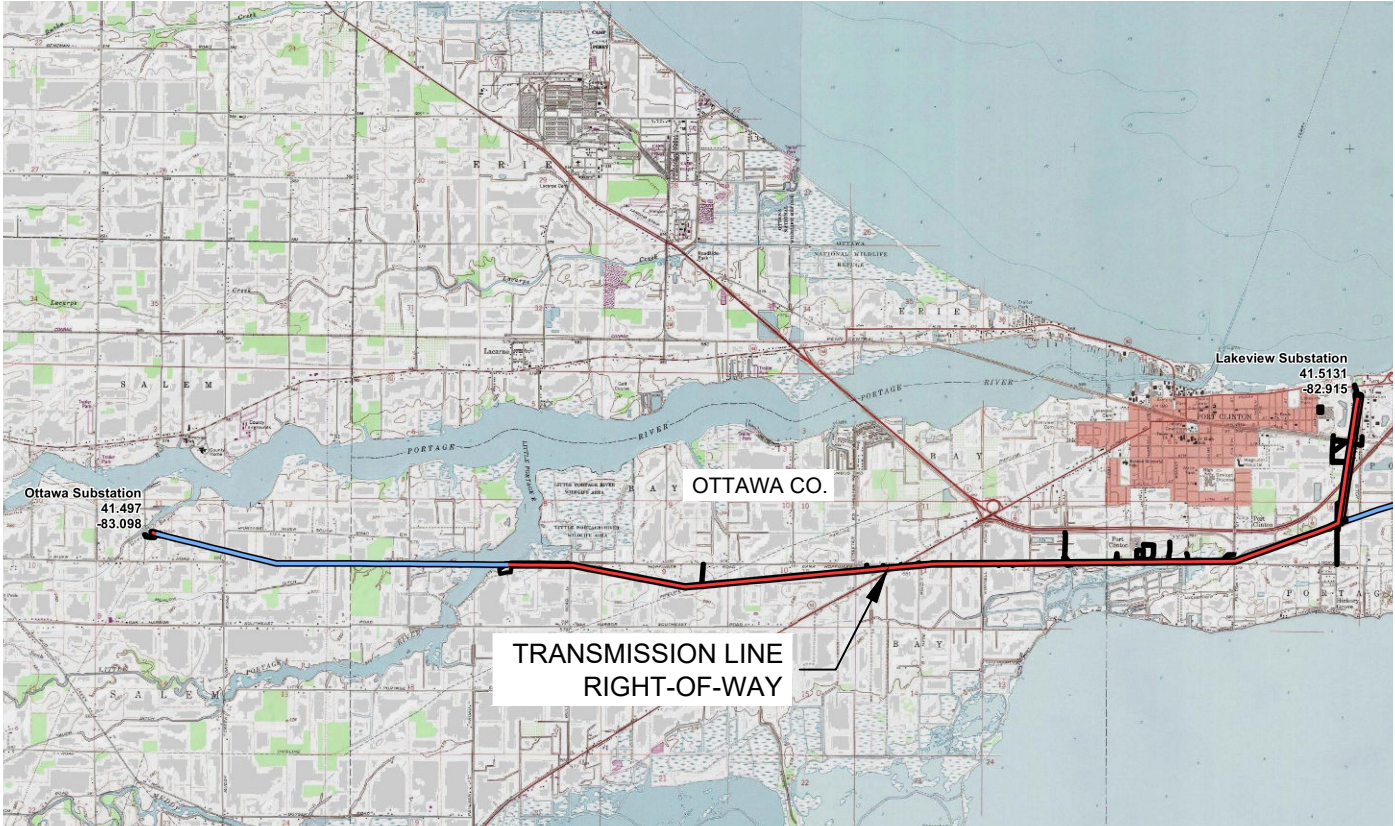
THE STATE OF OHIO, } ss.
OTTAWA CO.,
RECEIVED FOR RECORD,
December 18 1927
at 10:00 A.M.
Recorded Jan 23 1928
in Ottawa County Records,
Volume 3 Page 621
Chadwick & Co. Records

20023

URS Path: L:\DCS\Projects\MS\FIRSTENERGY\OHIO_Projects\60618528_FE_LAKOTT1920_929_GIS_Graphics\LakeviewOttawa_AccessMaps.mxd



AMERICAN TRANSMISSION SYSTEMS, INC.
LAKEVIEW - OTTAWA 138 kV
TRANSMISSION LINE REBUILD PROJECT
OTTAWA COUNTY, OHIO
CONSTRUCTION ACCESS PLAN
OCTOBER 2022



VICINITY MAP
N.T.S.

DWG. NO.	TITLE
01	COVER
02	GENERAL INFORMATION
03	STANDARD DRIVEWAY DETAIL
04	TIMBER MATTING AND FORD CROSSING DETAIL
05	EXISTING ODOT ACCESS LOCATIONS
06	OTTAWA COUNTY ACCESS LOCATIONS
07	EXISTING PORTAGE TOWNSHIP ACCESS LOCATIONS
08	BAY TOWNSHIP ACCESS LOCATIONS
09	EXISTING SALEM TOWNSHIP ACCESS LOCATIONS
10	EXISTING CITY OF PORT CLINTON ACCESS LOCATIONS



<div><div><div><div></div></div><div><div></div></div></div><div><div>525 VINE ST., SUITE 1800 CINCINNATI, OH 45202 (513) 651-3440</div></div></div>	DATE				REVISION		BY	AUTH.	<div><div><div><div></div></div><div><div></div></div></div><div><div>AMERICAN TRANSMISSION SYSTEMS, INC.</div><div>LAKEVIEW-OTTAWA 138 kV TRANSMISSION LINE REBUILD PROJECT</div></div><div>COVER</div><div><div>DRAWN BY: BRA</div><div>CHECKED BY: KRA</div><div>PROJECT NO: 60618528</div><div>DATE: 10/12/2022</div><div>DWG NO: 01</div></div></div>
	10/12/22				ISSUED FOR REVIEW		BRA	KRA	

ABBREVIATIONS:

APPROX.	APPROXIMATELY
CFS	CUBIC FEET PER SECOND
CMP	CORRUGATED METAL PIPE
CMS	CONSTRUCTION MATERIAL SPECIFICATION
C.R.	COUNTY ROAD
DWG.	DRAWING
EX.	EXISTING
FT.	FEET
GIS	GEOGRAPHIC INFORMATION SYSTEM
HDPE	HIGH-DENSITY POLYETHYLENE
HW	HEADWATER
HW/D	HEADWATER TO DIAMETER
IN.	INCHES
MSL	MEAN SEA LEVEL
NRCS	NATURAL RESOURCES CONSERVATION SERVICE
ODNR	OHIO DEPARTMENT OF NATURAL RESOURCES
OEPA	OHIO ENVIRONMENTAL PROTECTION AGENCY
ODOT	OHIO DEPARTMENT OF TRANSPORTATION
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT-OF-WAY
S.R.	STATE ROUTE
TW	TAILWATER
T.R.	TOWNSHIP ROAD
U.S.	UNITED STATES
USDA	UNITED STATES DEPARTMENT OF AGRICULTURE
USGS	UNITED STATES GEOLOGICAL SURVEY

GENERAL NOTES:

1.

THIS DRAWING PACKAGE HAS BEEN PREPARED IN SUPPORT OF THE CONSTRUCTION ACCESS PLAN AND THE RIGHT-OF-WAY (ROW) ACCESS PERMIT APPLICATIONS FOR THE USE OF EXISTING OR NEW CONSTRUCTION AND MAINTENANCE ACCESS LOCATIONS ASSOCIATED WITH THE AMERICAN TRANSMISSION SYSTEMS, INC. (ATSI) LAKEVIEW-OTTAWA 138 kV TRANSMISSION LINE REBUILD PROJECT. THE ACCESS LOCATIONS ARE IDENTIFIED IN THE FOLLOWING SHEETS.
2.

THE ACCESS LOCATIONS ARE LOCATED IN OTTAWA COUNTY, PERPENDICULAR AND ADJACENT TO STATE HIGHWAYS, COUNTY ROADWAYS, CITY ROADWAYS AND/OR TOWNSHIP ROADWAYS.
3.

A SINGLE DRAWING PACKAGE HAS BEEN PREPARED FOR CONSTRUCTION PURPOSES, AND EXCERPTS OF THE PACKAGE WILL BE PROVIDED TO THE APPROPRIATE JURISDICTION FOR APPROVAL OF WORK WITHIN THE ROW.
4.

THE EXISTING AND NEW ACCESS LOCATIONS HAVE BEEN OBSERVED BY AECOM, INCLUDING THE CONDITIONS AND CHARACTERISTICS OF EXISTING ACCESS SYSTEMS, CHANNELS OR DITCHES. PHOTOGRAPHS OF EACH ACCESS LOCATION ARE PROVIDED IN THE FOLLOWING SHEETS.
5.

THE CONSTRUCTION NOTES PROVIDED ON THIS SHEET ARE PRIMARILY BASED ON THE OHIO DEPARTMENT OF TRANSPORTATION'S (ODOT'S) LOCATION AND DESIGN MANUAL, VOLUME 2 (ODOT MANUAL), AND/OR COUNTY SPECIFIC REQUIREMENTS.
6.

THE CULVERT DESIGN INFORMATION CONTAINED WITHIN THESE DRAWINGS IS INTENDED TO SATISFY THE REQUIREMENTS OF THE OTTAW COUNTY ENGINEER'S OFFICE, LOCAL CITY REQUIREMENTS (AS APPLICABLE) AND ODOT.
7.

PRIOR TO CONSTRUCTION, ATSI WILL PREPARE AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN (SWP3) CONSISTENT WITH THE REQUIREMENTS OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY'S (OEPA'S) GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (PERMIT NO. OHC000004).
8.

BEST MANAGEMENT PRACTICES (BMPs) IMPLEMENTED AS PART OF THE SWP3 SHALL SATISFY THE REQUIREMENTS OF THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR) "RAINWATER AND LAND DEVELOPMENT MANUAL" THIRD EDITION, 2006 OR CURRENT VERSION.

CONSTRUCTION SPECIFICATIONS:

1.

THERE ARE A TOTAL OF TWENTY (20) ACCESS LOCATIONS ASSOCIATED WITH THIS PROJECT. THE LOCATIONS HAVE BEEN CLASSIFIED AND DESIGNATED AS ONE OF THE FOLLOWING FIVE TYPES:

a.

TYPE 1 : EXISTING ACCESS LOCATION, LIMITED OR NO IMPROVEMENT NEEDED

b.

TYPE 2 : EXISTING ACCESS LOCATION, IMPROVEMENTS NEEDED

c.

TYPE 3 : NEW ACCESS LOCATION, NO CULVERT, INSTALL GRAVEL DRIVE AND/OR STEEL PLATE

d.

~~TYPE 4 : NEW ACCESS LOCATION, INSTALL CULVERT AND GRAVEL DRIVE~~ (NOT NEEDED)

e.

TYPE 5: NEW ACCESS LOCATION, NO CULVERT, INSTALL FORD CROSSING OR TIMBER MAT WITH GRAVEL DRIVE
2.

AT EXISTING ACCESS LOCATIONS, ODOT #2 OR ODOT #304 AGGREGATE (ODOT STANDARD SPECIFICATIONS SECTION 703.11) MAY BE ADDED OR TIMBER MATTING OR STEEL PLATES MAY BE USED TO IMPROVE THE EXISTING LOCATION FOR CONSTRUCTION USE. THE RADII OF THE EXISTING DRIVE MAY ALSO BE EXPANDED

TO FACILITATE CONSTRUCTION ACCESS. FOR EXISTING ACCESS LOCATIONS WITH CULVERT SYSTEMS, THE CULVERT WILL BE MAINTAINED THROUGHOUT CONSTRUCTION AND IF DAMAGE TO THE SYSTEM OCCURS, THE CULVERT WILL BE REPLACED WITH LIKE MATERIALS OR AS SPECIFIED.

3.

AT NEW ACCESS LOCATIONS, ODOT #2 OR ODOT #304 AGGREGATE (ODOT STANDARD SPECIFICATIONS SECTION 703) WILL BE USED TO CONSTRUCT THE DRIVEWAY SYSTEM. STEEL PLATES MAY ALSO BE USED AT SOME LOCATIONS TO PROVIDE FURTHER SUPPORT FOR CONSTRUCTION LOADINGS. THE DRAINAGE CONDITIONS AT EACH NEW LOCATION HAVE BEEN REVIEWED, AND CULVERT SYSTEMS HAVE BEEN DESIGNED FOR LOCATIONS WITH EXISTING DITCH OR CHANNEL SYSTEMS. IN SOME LOCATIONS, FORD CROSSINGS HAVE BEEN CHOSEN IN LIEU OF A CULVERT SYSTEM DUE TO SHALLOW CHANNEL CONDITIONS.
4.

THE ODOT STANDARD ROADWAY CONSTRUCTION DRAWING FOR DRIVEWAYS IS PROVIDED ON SHEET 3. THE ACCESS DRIVES ARE ANTICIPATED TO BE TYPE 1 DRIVEWAYS. THE ACTUAL INSTALLED WIDTH OF THE DRIVEWAY WILL BE APPROXIMATELY 30-FEET AND THE RADII WILL BE 35-FEET FOR CONSTRUCTION AND MAINTENANCE ACCESS. ACCESS DRIVES WILL SLOPE AWAY FROM THE ROADWAY TO PREVENT STORM WATER FROM ENCROACHING ON THE ROADWAY.
5.

DETAILS FOR THE USE OF TIMBER MATTING AND FORD CROSSINGS ARE PROVIDED ON SHEET 4.
6.

INFORMATION SPECIFIC TO EACH EXISTING AND NEW ACCESS LOCATION, INCLUDING PHOTOGRAPHS, IS PROVIDED ON THE SUBSEQUENT SHEETS AND SEPARATED BY JURISDICTION. THE INFORMATION CONTAINED BELOW FOLLOWS ODOT AND JURISDICTION STANDARDS. SEE CONSTRUCTION SPECIFICATIONS, NOTE #1, FOR A DESCRIPTION OF ACCESS LOCATION "TYPES".
7.

ACCESS LOCATIONS CONTAINING AN EXISTING CURB AND/OR SIDEWALK WILL UTILIZE STEEL PLATES TO PROTECT THE CURB AND/OR SIDEWALK FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
8.

ALL TRENCHED AND DISTURBED MATERIALS SHALL BE PLACED AND COMPACTED AT OTHER AREAS OF CONSTRUCTION DISTURBANCE OUTSIDE OF DELINEATED WETLANDS AND STREAMS. THE COMPACTED MATERIALS SHALL BE PERMANENTLY STABILIZED IN ACCORDANCE WITH THE SWP3 (E.G., GRAVEL SURFACE, SEEDED, MULCHED, ETC.).
9.

THE ACCESS DRIVES AND CULVERT SYSTEMS SHALL BE INSPECTED AND MAINTAINED BY ATSI AND THEIR CONTRACTOR'S THROUGHOUT THE CONSTRUCTION, OPERATION AND MAINTENANCE PHASES.
10.

AFTER CONSTRUCTION IS COMPLETE, MATERIALS (E.G. GRAVEL, TEMPORARY CULVERTS, ETC.) SHALL BE REMOVED FROM ACCESS LOCATIONS AND THE AREA SHALL BE RESTORED TO EXISTING CONDITIONS. WHEN REQUESTED BY THE OWNER AND WITH THE WRITTEN APPROVAL OF THE LOCAL JURISDICTION, MATERIALS MAY BE PERMANENTLY LEFT IN PLACE.

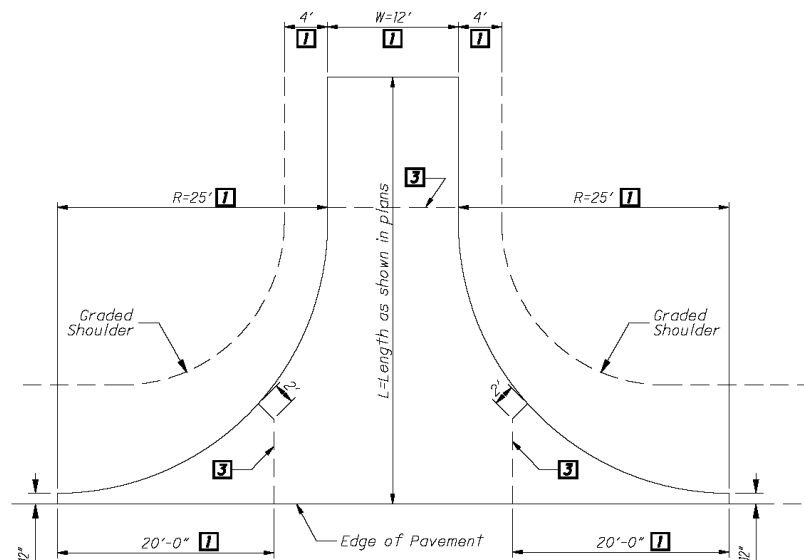
AECOM

AMERICAN TRANSMISSION SYSTEMS, INC.

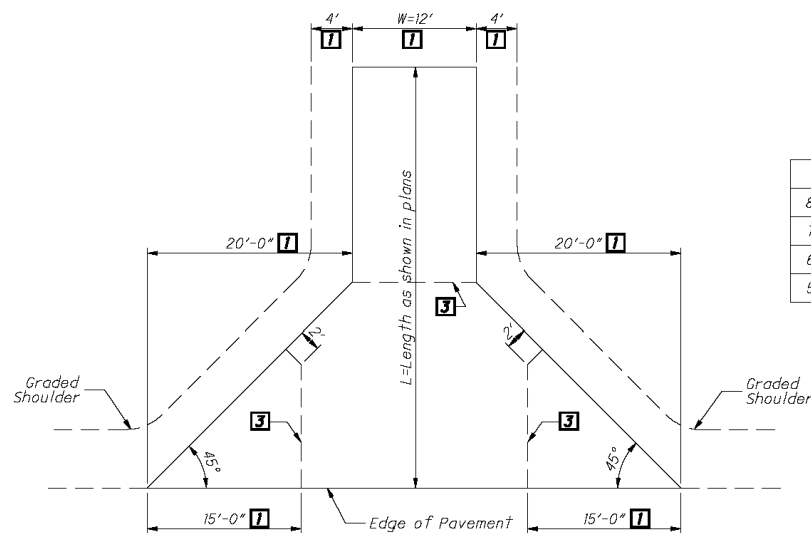
LAKEVIEW-OTTAWA 138 kV
TRANSMISSION LINE PROJECT

GENERAL INFORMATION

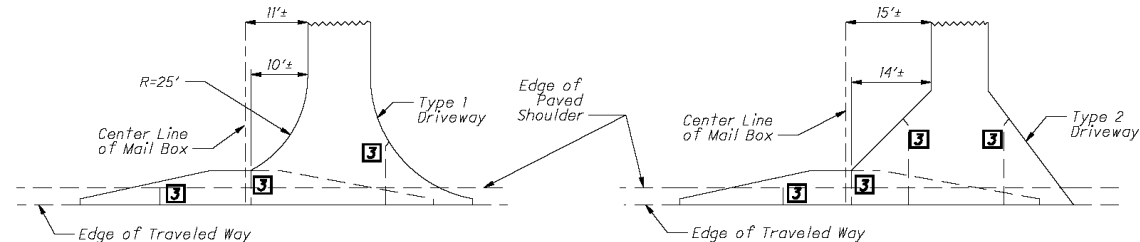
DRAWN BY: BRA	CHECKED BY: KRA	PROJECT NO: 60618528	DATE: 10/07/2022	DWG NO: 02
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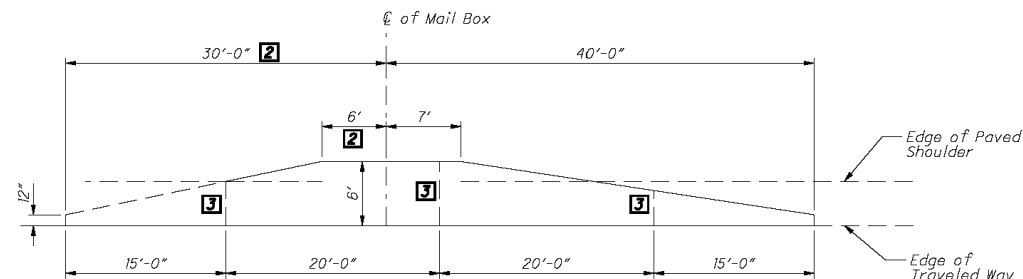
TYPE 1 DRIVEWAY



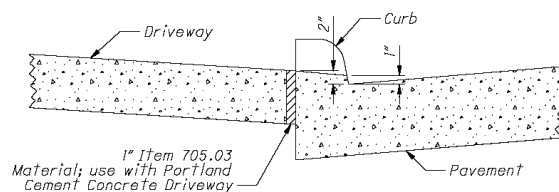
TYPE 2 DRIVEWAY



COMBINED DRIVEWAY & MAIL BOX APPROACH

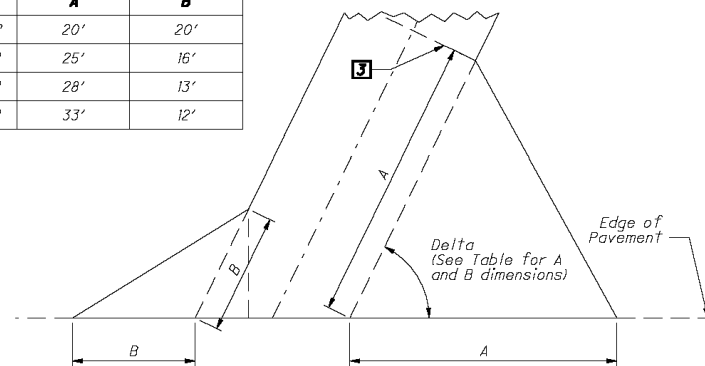


TYPICAL MAIL BOX APPROACH



DROP CURB DETAILS AT DRIVEWAYS

Delta	A	B
80° to 90°	20'	20'
75° to 85°	25'	16'
65° to 75°	28'	13'
55° to 65°	33'	12'



TYPE 2 SKEWED DRIVEWAY

Transition from Standard Curb Section to Drop Curb Section to be made in 18" distance from Driveway

NOTES

GENERAL: The design details shown here shall govern the construction of driveways unless otherwise shown in the project plans.

The pavement type and thickness shall be specified in the project plans.

Driveway and mail box approaches shall be combined when feasible.

JOINTS: Impressed joints for portland cement concrete driveways shall be 1/4" minimum width by 3" depth and shall be sealed with Item 705.04 or ASTM D 1850.

In addition to the joints shown here, impressed joints without tie bars shall be placed in portland cement concrete driveways at intervals not to exceed 17' in the portion of the driveway beyond the flare.

LEGEND

- 1 Unless otherwise shown in the plans.
- 2 Add 3' for each additional Mail Box
- 3 Impressed Joint without Tie Bars for Portland Cement Surface

THIS DRAWING REPLACES BP-4.1 DATED 7-16-04.

SD NUMBER

BP-4.1

STANDARD ROADWAY CONSTRUCTION DRAWING

DRIVEWAYS

OFFICE OF
ROADWAY
ENGINEERING

STATE ENGINEER
M. Ruppe

ADMINISTRATOR
Michael Blum

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
7-19-2013
DATE

NOTE:

1. SEE SHEET 2, CONSTRUCTION SPECIFICATIONS NOTE 4.

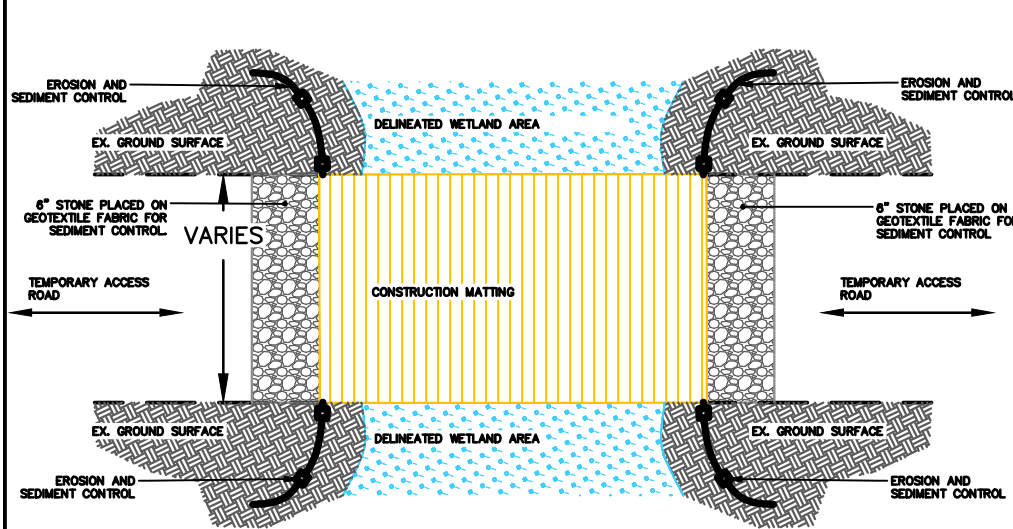
AECOM

AMERICAN TRANSMISSION SYSTEMS, INC.

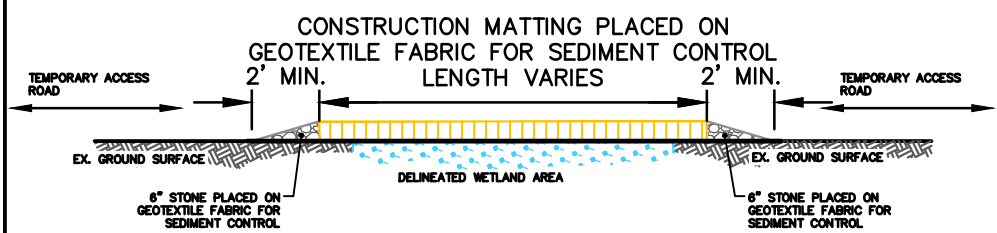
LAKEVIEW-OTTAWA 138 kV
TRANSMISSION LINE PROJECT

STANDARD DRIVEWAY DETAIL

DRAWN BY: BRA	CHECKED BY: KRA	PROJECT NO: 60618528	DATE: 10/07/2022	DWG NO: 03
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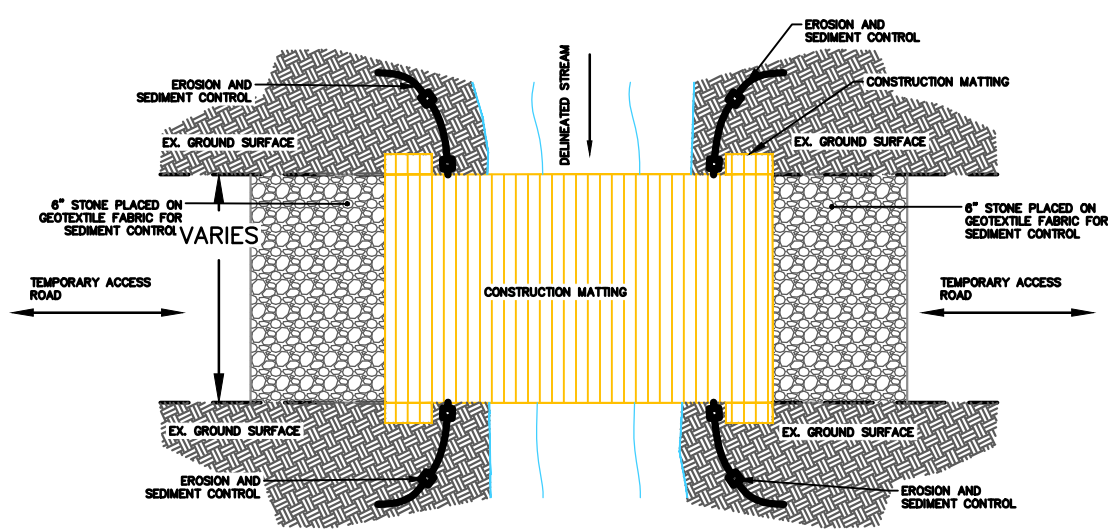
PLAN VIEW



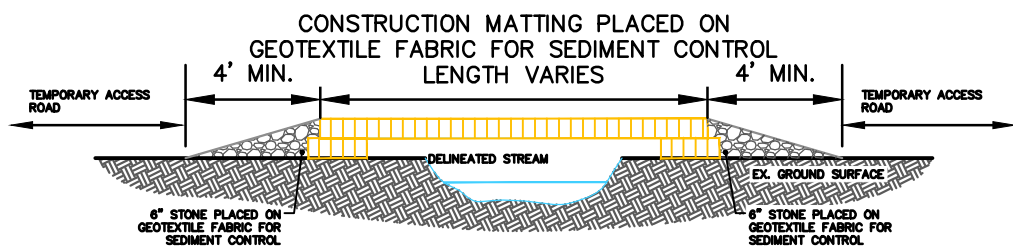
SECTION VIEW

TEMPORARY CROSSING DETAIL FOR WETLAND AREAS

N.T.S



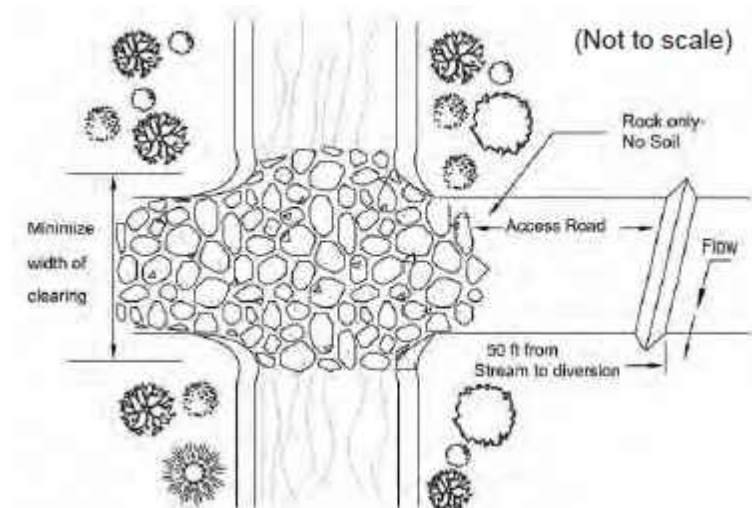
PLAN VIEW



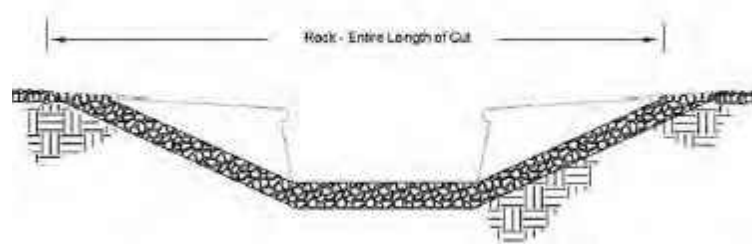
SECTION VIEW

TEMPORARY CROSSING DETAIL FOR STREAMS

N.T.S



PLAN VIEW



CROSS SECTION

FORD CROSSING DETAIL

NOT TO SCALE

TIMBER MATTING NOTES:

1. TIMBER MATTING CAN BE USED IN DEEPER CHANNELS WHERE A FORD CROSSING MAY NOT BE FEASIBLE AND WHERE THE MATTING WILL BE NO CLOSER THAN 8' TO THE EDGE OF THE ROADWAY. TEMPORARY BRIDGES CONSTRUCTED OF TIMBER MATTING SHALL BE INSTALLED PERPENDICULAR TO THE DIRECTION OF FLOW.
2. TIMBER MATTING SHALL BE PLACED TO BRIDGE OVER THE EXISTING CHANNEL BED TO FACILITATE ACCESS WITHOUT DAMAGE OR DISTURBANCE TO THE UNDERLYING SOIL MATERIALS.
3. TIMBER MATTING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
4. THE LOCATION OF TIMBER MATTING ACCESS LOCATIONS SHALL BE SELECTED TO MINIMIZE THE LENGTH OF MAT REQUIRED TO FACILITATE ACCESS. IN GENERAL, MAT PLACEMENT SHOULD NOT RESTRICT THE NATURAL FLOW OF WATER.
5. ADDITIONAL EROSION AND SEDIMENT CONTROLS ADJACENT TO THE TIMBER MATTING OR AT THE APPROACH TO THE CROSSING MAY BE REQUIRED BASED ON THE ENCOUNTERED SITE CONDITIONS. EROSION AND SEDIMENT CONTROLS MAY CONSIST OF SILT FENCE OR FILTER SOCKS.
6. THE WIDTH OF THE TIMBER MATTING SYSTEM SHALL BE LIMITED TO 16-FEET (MIN.) WHERE PRACTICAL. THE LENGTH OF TIMBER MAT MAY VARY FROM 16-FEET TO 40-FEET.
7. THE TIMBER MATTING, ADJACENT CHANNEL BANKS AND ADJACENT EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSPECTED ROUTINELY IN ACCORDANCE WITH THE SWP3. OBSERVED SEDIMENTATION SHALL BE PROMPTLY REMOVED. ANY DAMAGE TO THE TIMBER MATTING MATERIALS, THE STREAM OR THE BANKS SHALL ALSO BE REPAIRED AS SOON AS PRACTICAL.

FORD CROSSING NOTES:

1. THE USE OF FORD CROSSINGS PROVIDES A TEMPORARY MEANS OF ACCESS DURING PERIODS OF LOW OR INTERMITTENT FLOW. FORD CROSSINGS ARE USED IN SHALLOW CHANNELS WITH MINIMAL CONTRIBUTING DRAINAGE AREAS, WHERE THE PLACEMENT OF GRAVEL FOR ACCESS PURPOSES MAY IMPEDE EXISTING DRAINAGE CONDITIONS. FORD CROSSINGS SHALL BE INSTALLED PERPENDICULAR TO THE DIRECTION OF FLOW.
2. THE FORD CROSSING SHALL BE INSTALLED TO MINIMIZE DISTURBANCE TO THE EXTENT PRACTICAL. THE EXISTING DITCH BANK VEGETATION SHALL BE PRESERVED EXCEPT IN LOCATIONS WHERE THE SLOPE MUST BE MODIFIED TO FACILITATE ACCESS. MODIFIED BANKS SHALL BE IMMEDIATELY STABILIZED TO PREVENT SEDIMENTATION. CONSTRUCTION ACTIVITIES WITHIN THE CHANNEL SHALL BE COMPLETED BY CUTTING, NOT GRUBBING WHERE POSSIBLE, AND SHALL ALSO BE IMMEDIATELY STABILIZED.
3. SURFACE WATER SHALL BE DIVERTED AT THE APPROACH TO THE FORD CROSSING SUCH THAT IT IS NOT ALLOWED TO FLOW DIRECTLY ALONG THE ROAD TO THE DITCH. SURFACE WATER DIVERSIONS AND/OR SWALES SHALL BE INSTALLED TO DIRECT RUNOFF AWAY FROM THE ACCESS ROAD/FORD CROSSING AND TO AN EROSION AND SEDIMENT CONTROL PRACTICE (SUCH AS FILTER SOCKS, SILT FENCE, ETC.).
4. THE MATERIAL PLACED IN THE DITCH CHANNEL SHALL BE STONE, ROCK, OR AGGREGATE OF SUBSTANTIAL SIZE TO SUPPORT THE EQUIPMENT AND VEHICLE LOADINGS AND PREVENT DAMAGE TO THE DITCH BED AND BANK. ODOT NO. 1 SHALL BE THE MINIMUM ACCEPTABLE SIZE. LARGER STONE AND ROCK MAY BE USED. SOIL MATERIALS SHALL NOT BE USED IN THE CONSTRUCTION OF A FORD CROSSING OR PLACED IN A DITCH CHANNEL.
5. THE AGGREGATE MATERIALS PLACED TO CONSTRUCT A FORD CROSSING SHALL BE FORMED SO THAT THEY DO NOT CREATE AN IMPOUNDMENT, OR CAUSE EROSION OF ADJACENT DITCH BANKS.
6. THE WIDTH OF THE FORD CROSSING SHALL BE LIMITED TO 12-FEET WHERE PRACTICAL.
7. THE FORD CROSSING, STABILIZED BANKS AND ADJACENT EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSPECTED ROUTINELY IN ACCORDANCE WITH THE SWP3. OBSERVED SEDIMENTATION SHALL BE PROMPTLY REMOVED. ANY DAMAGE TO THE FORD CROSSING OR STABILIZED APPROACHES SHALL ALSO BE REPAIRED AS SOON AS PRACTICAL.

AECOM

AMERICAN TRANSMISSION SYSTEMS, INC.

LAKEVIEW-OTTAWA 138 kV
TRANSMISSION LINE REBUILD PROJECT

TIMBER MATTING AND FORD CROSSING DETAIL

DRAWN BY: BRA	CHECKED BY: KRA	PROJECT NO: 60618528	DATE: 10/12/2022	DWG NO: 04
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EXISTING ACCESS ID# LO-01



TYPE 1: EXISTING CONCRETE ACCESS LOCATION WITHIN THE ROW OF SR 0163. NO IMPROVEMENTS ANTICIPATED FOR CONSTRUCTION.

EXISTING ACCESS ID# LO-12A



TYPE 1: EXISTING PAVED ACCESS LOCATION WITHIN THE ROW OF W FREMONT ROAD (SR-53). NO IMPROVEMENTS ANTICIPATED FOR CONSTRUCTION.

EXISTING ACCESS ID# LO-18



TYPE 2: EXISTING GRAVEL ACCESS LOCATION WITH 12" CMP CULVERT WITHIN THE ROW OF W FREMONT ROAD (SR-53). INSTALL ADDITIONAL GRAVEL TO FACILITATE CONSTRUCTION ACCESS.

LO-18 for ODOT Review

APPROXIMATE ACCESS LOCATIONS:

AECOM ACCESS ID#	LATITUDE	LONGITUDE
LO-01	41.514559	-82.915558
LO-12A	41.498618	-82.973265
LO-18	41.493789	-82.984373

ODOT NOTES:

1. THE ACCESS LOCATIONS ADJACENT TO STATE ROADS PROVIDE LOW VOLUME ACCESS TO THE TRANSMISSION LINE.
2. ALONG ODOT ROADS, THREE (3) EXISTING ACCESS LOCATIONS HAVE BEEN IDENTIFIED.
3. ONE (1) EXISTING ACCESS LOCATION REQUIRES THE INSTALLATION OF GRAVEL (LO-18).
4. PRIOR TO STARTING ANY EXCAVATION WORK, THE CONTRACTOR SHALL CONTACT THE OHIO UTILITY PROTECTION SERVICE (OUPS) AT 811 OR 1.800.362.2764 AND THE OHIO OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGPUPS) AT 1.800.925.0988.
5. ADDITIONAL GENERAL NOTES AND SPECIFICATIONS CAN BE FOUND ON SHEET 2.

PHOTO LEGEND:

■■■■■■■ APPROXIMATE CENTERLINE OF EXISTING DRAINAGE PATH (IF OBSERVED)

AECOM

AMERICAN TRANSMISSION SYSTEMS, INC.

LAKEVIEW-OTTAWA 138 kV
TRANSMISSION LINE PROJECT

EXISTING ODOT ACCESS LOCATIONS

DRAWN BY: BRA	CHECKED BY: KRA	PROJECT NO: 60618528	DATE: 10/07/2022	DWG NO: 05
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Armstrong, Bradley

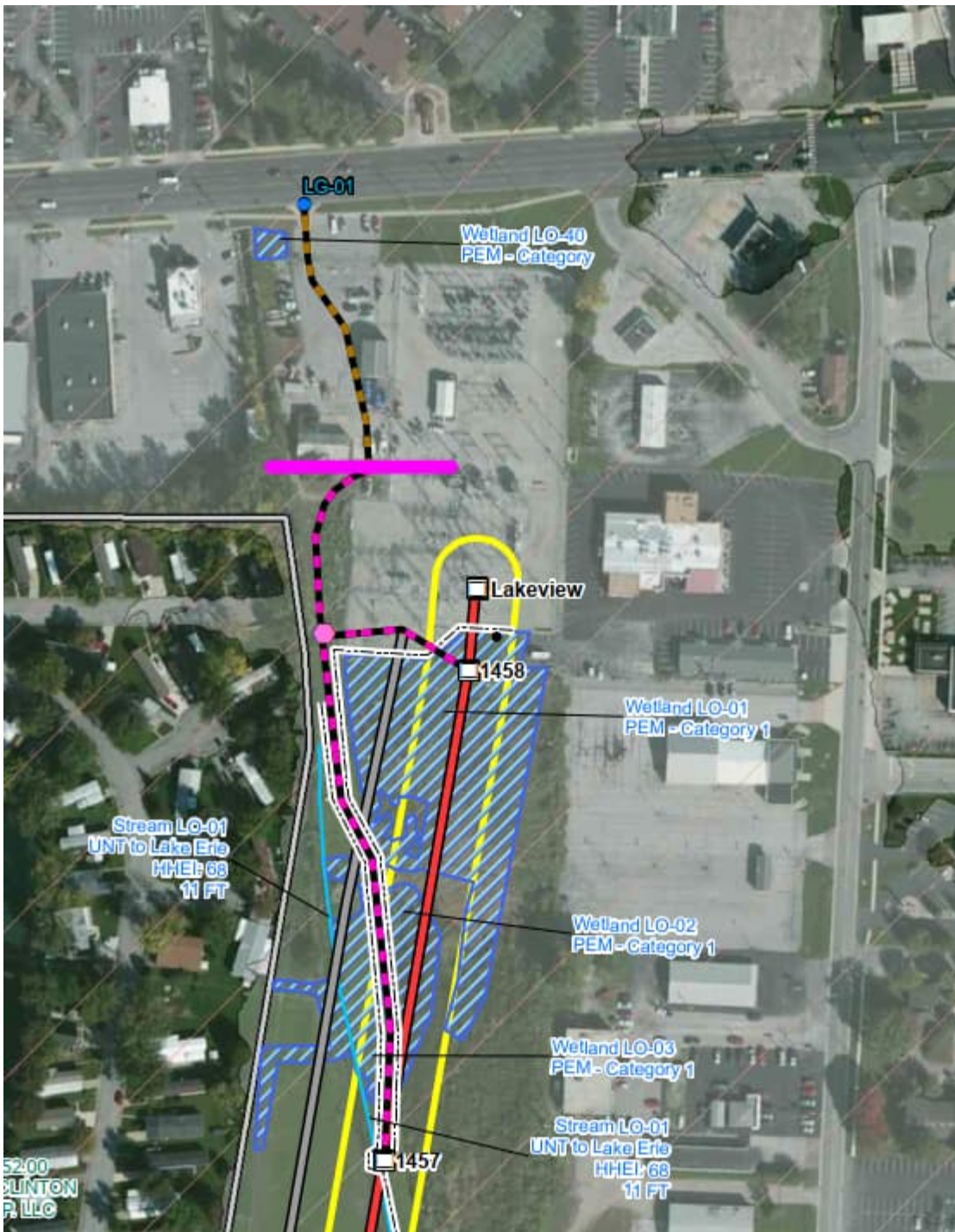
From: Michele.Schuette@dot.ohio.gov
Sent: Thursday, October 28, 2021 12:03 PM
To: Armstrong, Bradley
Subject: [EXTERNAL] RE: ODOT District 2 Right of Way Permitting Requirements

No you do not need a permit.

From: Armstrong, Bradley <Bradley.Armstrong@aecom.com>
Sent: Thursday, October 28, 2021 10:52 AM
To: Pennell, Michele <Michele.Schuette@dot.ohio.gov>
Subject: RE: ODOT District 2 Right of Way Permitting Requirements

We are performing transmission line reconductoring along the existing structures that start from the back end of that substation heading south. This entrance leads to only 3 structures, so I wouldn't expect more than a week's worth of construction.

Please see the image below. The drive is labeled LD-01 and the vehicles (none oversize/overweight) are going to be driving straight through the existing lot until the pink/magenta line. There will be no work conducted within or near the ODOT ROW.



Bradley Armstrong PE

Civil Engineering III, Remediation Practices, Americas West
 D +1 513-419-3427
bradley.armstrong@aecom.com

AECOM

525 Vine Street
 Suite 1800
 Cincinnati, United States
 T +1 513-641-3440
aecom.com

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From: Michele.Schuette@dot.ohio.gov <Michele.Schuette@dot.ohio.gov>
Sent: Thursday, October 28, 2021 10:41 AM
To: Armstrong, Bradley <Bradley.Armstrong@aecom.com>
Subject: [EXTERNAL] RE: ODOT District 2 Right of Way Permitting Requirements

What will you be using the access for? And how long?

From: Armstrong, Bradley <Bradley.Armstrong@aecom.com>
Sent: Thursday, October 28, 2021 9:49 AM
To: Pennell, Michele <Michele.Schuette@dot.ohio.gov>
Cc: Arceo, Kristin <Kristin.Arceo@aecom.com>
Subject: ODOT District 2 Right of Way Permitting Requirements

Ms. Pennell,

I have an upcoming project and I wanted to confirm ODOT's requirements for Right of Way and Utility Permits. The construction team will be utilizing the existing concrete drive shown below for our project. The work is behind the substation, so there will be no activity within the ODOT ROW.

In the past, I've encountered different requirements from different districts for utilizing existing drives, so I wanted to get confirmation from you. Since we are not improving this drive entrance or performing any other work within the ODOT ROW, there should be no permit required. Can you please confirm?



Bradley Armstrong PE

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CAUTION: This is an external email and may not be safe. If the email looks suspicious, please do not click links or open attachments and forward the email to csc@ohio.gov or click the Phish Alert Button if available.



OHIO DEPARTMENT OF TRANSPORTATION
Mike DeWine, Governor Jack Marchbanks, Ph.D., Director

District 2
317 East Poe Rd., Bowling Green, OH 43402-1330
419-353-8131
transportation.ohio.gov

Dear Permittee,

Attached is your permit to work within the State's Right of Way. The provisions contained in the permit should be reviewed carefully and must be followed. On the face copy of your permit is your ODOT contact person. Who must be contacted at least 24 hours in advance of starting any work.

All maintenance of traffic control will need to meet or exceed those listed in the Temporary Traffic Control Manual. The latest edition. If you're planning to have a contractor perform this work, they must always have a copy of this permit on site while work is being performed and fully understand the provisions that apply.

Should any unforeseen circumstances delay you from completing your work, you can file for a time extension. This request needs to be in writing and submitted in advance of your permit's expiration date. In addition, the following information needs to be included, permit number, County, Route and Section and when your work will be completed.

Please submit permit extensions to the Office of Permits, 317 East Poe Road, Bowling Green, Ohio 43402 prior to the expiration date.

Please feel free to contact the Permit Office @ (419) 373-4301 or by e-mail @ Michele.pennell@dot.ohio.gov

If you have any questions concerning your permit or its provisions.

Sincerely,

Michele A Pennell

Michele A Pennell
Permit Tech D02
Office of Planning and Engineering

MR 509
Permit No. 22-10317

Office Use Only

State of Ohio
Department of Transportation
Permit

County or Jurisdiction OTTAWA
Rte SR 2
Log Pt 21.77-23.07
Acc Cat

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

Name: American Transmissions Systems, Inc.
Address: 76 South Main St A-GO-5 / AK-General Office Bldg Akron OH 44308
Company Phone: 330-388-5291

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.

ALL TRAFFIC MUST BE STOPPED BY A ROLLING ROADBLOCK, WHILE LINE IS BEING INSTALLED OVER THE HIGHWAY. Attach the proposed fiber optic cable on existing poles aerially crossing SR 2. ALL AERIAL INSTALLATIONS WITHIN THE RIGHT OF WAY MUST HAVE IDENTIFICATION TAGS ATTACHED AT A MINIMUM OF EVERY OTHER POLE. THE IDENTIFICATION TAGS MUST DISPLAY THE COMPANY NAME AND A 24 HOUR CONTACT NUMBER WHICH IS CLEARLY VISIBLE. Failure on the part of the permittee or their contractor to comply with the regulations contained in this permit will be cause for immediate suspension of this permit. Any terrain that has been disturbed do to this work shall be restored to the original condition. All work shall be performed per the attached approved plans. No cutting of the pavement shall be permitted. See attached notes for additional requirements. Nothing in this permit waives any local, state or federal regulations or requirements that would mandate the permittee either comply with said laws and regulations or to seek a separate permit under those laws and regulations in the prosecution of the work permitted herein.

Utility - (see attached sheets)

Description of Work: Work in the OH-2 ROW between structures 1463 and 1464 replacements will consist of restringing wire. This restringing activity will require the use of rolling road block. This work is being completed as part of the Lakeview-Ottawa 138 kV Transmission Line Rebuild Project.

[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

Drew Kronberg
419-409-0002
Email Address:
(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 an 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 07/29/2023

Dated 01/26/2023

Rev 5/6/2021

(the remainder of this page is left blank intentionally)

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:

(the remainder of this page is left blank intentionally)

Utility Permits

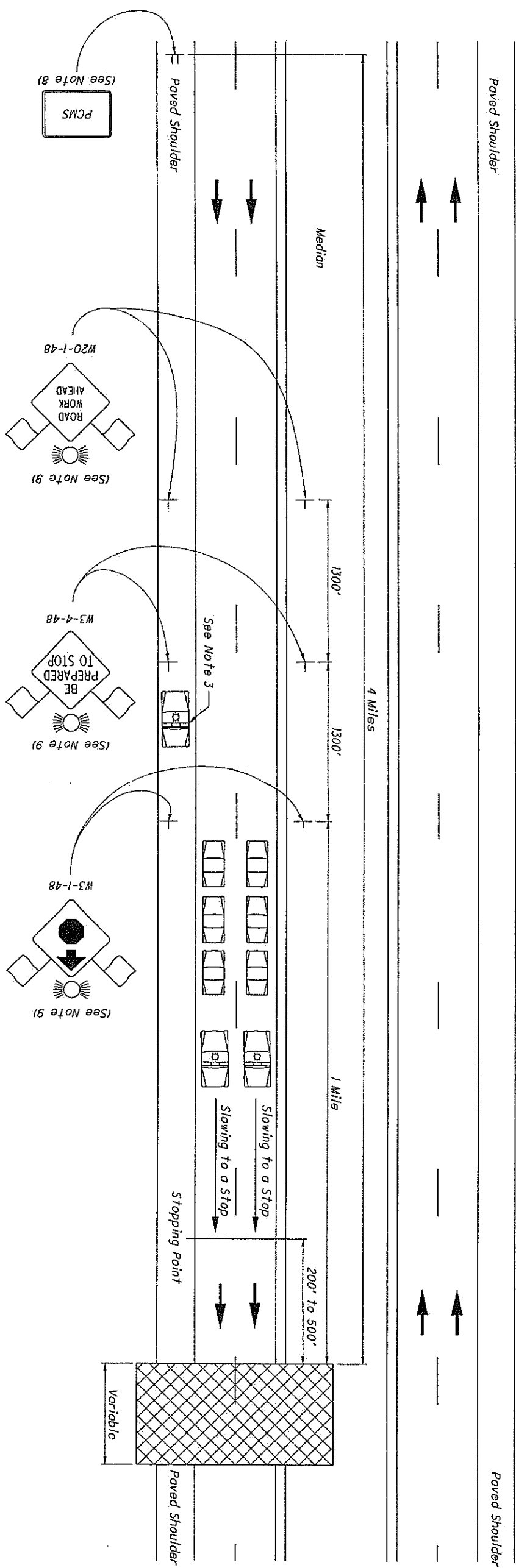
This permit is valid only within the limits of Right of Way of this State Route. Permits for that portion of your facilities located along county or Township Right of Way must be obtained from the appropriate authorities.

A copy of your permit is to be on site at all times while working.

U

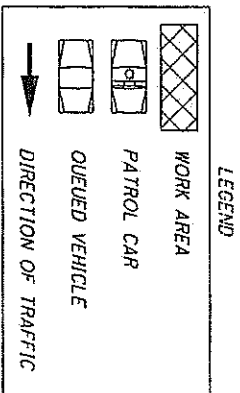
- U-01 To assure the proper installation, the Ohio Department of Transportation Office of Permits must be notified at (419) 373-4301, a minimum of 24 hours prior to any work being started. The proposed work will be performed at no cost to the State of Ohio or Federal Highway Administration. A copy of this permit is to be on site at all times while working. Deviations from the approved plans requires advance written notice prior to making said deviation.
- U-02 There is to be NO parking of equipment, service vehicles, erecting of lights, or placing of advertising devices within the State Highway Right of Way. Similarly no equipment, service vehicles, device or structures are permitted to overhang the State Highway.
- U-03 Written permission must be granted by ODOT in advance of any road closure and/or lane closures using jersey barriers or other traffic control devices. All closures must be open between December 1st and March 31st. Any approved closure will require a 15 day notice to the permit office.
- U-04 All work requiring men or vehicles to occupy traveled lanes, paved and/ or unpaved shoulders and areas beyond the pavement limits, shall fully comply with the Temporary Traffic Control Manual, edition 2012 and item 614 (Maintaining Traffic) in the Department of Transportation Construction and Material Specifications.
- U-05 If traffic should need to be stopped the Ohio State Highway Patrol or Local Law Enforcement personnel should be present.
- U-06 All work will be restricted to off-peak traffic hours. Rolling road blocks and lane closures are allowed between 12 midnight and 12 noon on Saturday & Sunday only.
- U-07 The contractor shall notify the Ohio Department of Transportation no less than two weeks prior to starting any work, allowing an ample amount of time for ODOT to obtain site elevations at the proposed location.
- U-08 The ODOT Intelligent Transportation System (ITS) Infrastructure and device are not currently listed in the OHio Utility Protection Services (OUPS) program. Please send a copy of the OUPS ticket or locate request to the ODOT ITS Section via email to CEN.ITS.LAB@dot.ohio.gov, in order to get the ITS utility infrastructure marked.
- U-09 The contractor must give property owners a minimum of 24 hours notice before cutting any driveways. Also, the permit holder shall give ample notice to all property owners before trenching or cable plowing operations begin.
- U-10 The minimum depth for any installation under a highway or flow line of a ditch will be 48" inches and 60" under all major water ways, drainage structures and footers. All trenches and or bore pits are to be closed or protected while work is not being performed.
- U-11 All underground facilities shall be as close to edge of the Right of Way line as possible.
- U-12 In Accepting this permit, the permittee assures that warning monuments will be placed and maintained on each side of the State Highway. And said monuments shall state that there is an underground utility at the location. Also, it must state the name and telephone number of the utility company.
- U-13 Tracer tape shall be installed and placed 1 foot above the proposed conduit and shall extend the full length.
- U-14 The cutting of the pavement will not be permitted
- U-15 The use of the highway clear zone, traveled lanes, stabilized or un-stabilized berm's for the storage of construction materials or depositing of excavated material is NOT Permitted.
- U-16 Bore pits shall maintain a minimum distance of 10' to the edge of pavement, and casing pipe shall extend the same.
- U-17 When the bore opening under the pavement exceeds by 2" inches the outside diameter of the pipe installed, the opening around the pipe shall be filled with grout in a manner suitable to the Ohio Department of Transportation. All sanitary force main and water mains crossing the highway shall be encased.
- U-18 All water services 2" inches or less shall consist of polyethylene, and be of a length to extend under the pavement without a joint to a minimum distance of 3' feet beyond each pavement edge. Such service pipe shall have a minimum coverage of 3 # feet and the diameter of the opening provided for the installation shall be not more than 1 # times the outside diameter of the tubing to be installed.
- U-19 Casing is required for non-plastic lines less than 16 inches in diameter crossing the highway and carrying liquid petroleum or under gas pressure if the pipe carries an internal pressure in excess of 30 percent (30%) SMYS of the pipe. Pipe lines 16 inches and over must comply with 49 CFR 192.
- U-20 Casing is required for plastic pipe crossing the highway and carrying liquid petroleum or gas if the internal pressure exceeds 100 psig. The following information shall be provided by a Utility Company when using plastic pipe on a State Highway Right of Way
1) Manufactures name; 2) The brand name of the pipe; 3) The pipe material designation; 4) The pipe size and wall thickness; 5) The working pressure.

- U-21 It shall be the responsibility of the permittee to insure the construction or placement of any poles will not obstruct the site distance of any intersection.
- U-22 All aerial facilities shall be as close to the edge of the Right of Way line as possible.
- U-23 All roadway crossings will have a minimum vertical clearance which is equal to or greater than that required by the National Electric Safety Code.
- U-24 Upon substantial completion of this project, all areas where vegetation has been disturbed and/ or destroyed will be fertilized, seeded, and mulched, in accordance with CMS item 659.
- U-25 All drainage tiles and/ or outlets, including field tile outlets, disturbed by this operation shall be restored to working order to the satisfaction of the owner.
- U-26 The permittee shall take any and all appropriate measures to limit soil erosion during and after construction authorized herein. As such he shall be fully accountable to the Ohio EPA, the Soil Conservation Service, and other appropriate agencies for any violation or disregard of the applicable governing standards and regulations related to the protection and conservation of soils that are affected by this permitted work. Ref-SS877
- U-27 All public and private property including highway fence that is disturbed by the contractor will be repaired to a condition equal to or better than the original condition, including sidewalks and driveways.
- U-28 The permittee, site inspectors or project supervisor shall not allow the removal, damage or re-erection of any ODOT signs along the proposed project route. Should any signs obstruct the proposed installation, the permittee or contractor shall notify ODOT no less than 72 hrs in advance allowing time to schedule the relocation of said obstruction. Contact is to be made at the following number, (419) 373-4414 or (419) 373-4483. The permittee shall further be responsible for any and all cost associated with the replacing, relocating of said signs.
- U-29 All trenches and/ or bore pits are to be closed during non-working hours, or protected by steel plating and illuminated by reflective barrels with amber lights.
- U-30 Underground facilities shall not be installed between the shoulder area and the outer extremities where mailboxes and/ or highway signs are typically installed.
- U-31 Failure to comply with the provisions stimulated in this permit will be just cause for immediate suspension of this permit.
- U-32 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 do so will result in no reimbursement for damage to your property.



NOTES:

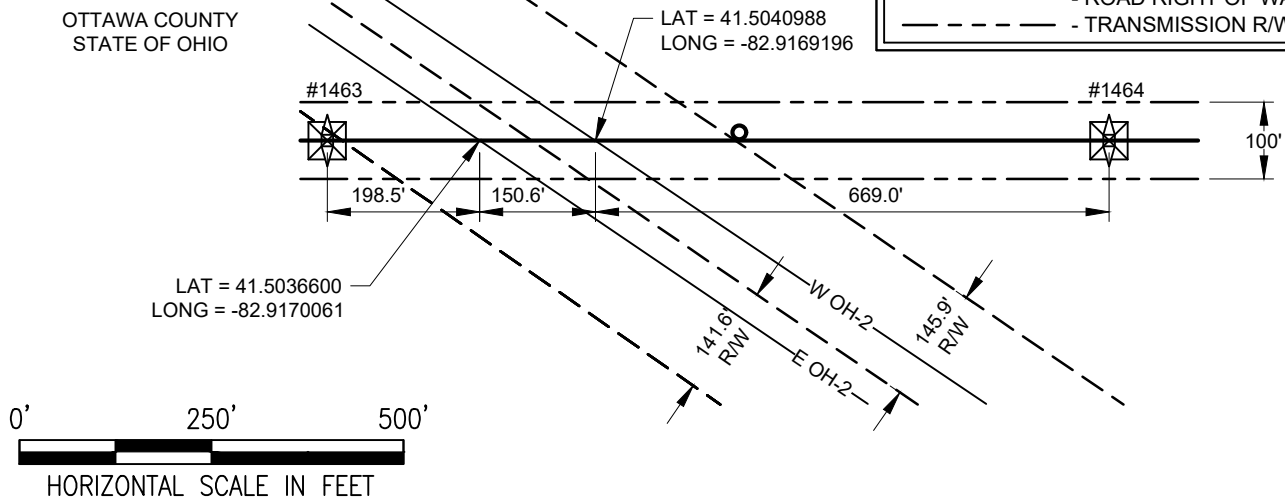
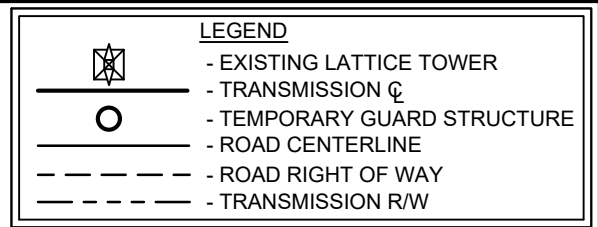
1. This type of highway closure shall be used for all construction, maintenance and utility operations when the traffic is slowed to 25 MPH or less. The duration of closure shall not exceed 15 minutes, shall be approved by the Engineer and shall occur between midnight and 5 AM for during other non-peak hours if approved by the Engineer.
2. A minimum of two law enforcement officers with patrol cars per direction shall be provided to block traffic and pace motorists to a stop. The number of patrol cars shall equal the number of lanes closed on the highway.
3. Patrol cars, with lights flashing, should enter the stream of traffic at approximately 3 miles before the point of closure. At approximately 2 miles before the point of closure, they should begin the gradual slow down. Traffic shall be brought to a complete stop a safe distance, between 200' and 500', from the work area. This slowing operation shall take no more than 10 minutes. A patrol car shall be placed 500' behind the end of the queued vehicles. This vehicle shall move if necessary to stay upstream of queued vehicles.
4. The Contractor shall not begin work until traffic has been brought to a complete stop.
5. All entrance ramps located between the stopped traffic and the work area shall be closed.
6. After the highway has been closed and reopened via this procedure, both of the following requirements shall have been met before implementation of another short duration closure, except with the approval of the Engineer:
 - a) A minimum period of 15 minutes shall have elapsed; and
 - b) The queued traffic shall have dissipated.
7. The public shall be given advance notice of the upcoming closure by providing portable changeable message signs at the site in advance of the scheduled closing. Closure information should also be provided to the Engineer.
8. An ODOT-approved Class A portable changeable message sign shall be provided during operation. The message sign shall be placed approximately 4 miles in advance of the closure or as directed by the Engineer. The message shall be ROAD CLOSED AHEAD (2 sec.), PREPARE TO STOP (2 sec.).
9. The Contractor shall erect and maintain 48" ROAD WORK AHEAD, BE PREPARED TO STOP, and Stop Ahead signs on each side of the highway. Each sign shall be equipped with orange warning flags, one Type B flashing warning light, and one flare. There shall be one flare at each sign on both sides of the roadway. The flare shall be replaced if it burns out.



THIS DRAWING REPLACES PIS 209960 DATED 07-18-2014.

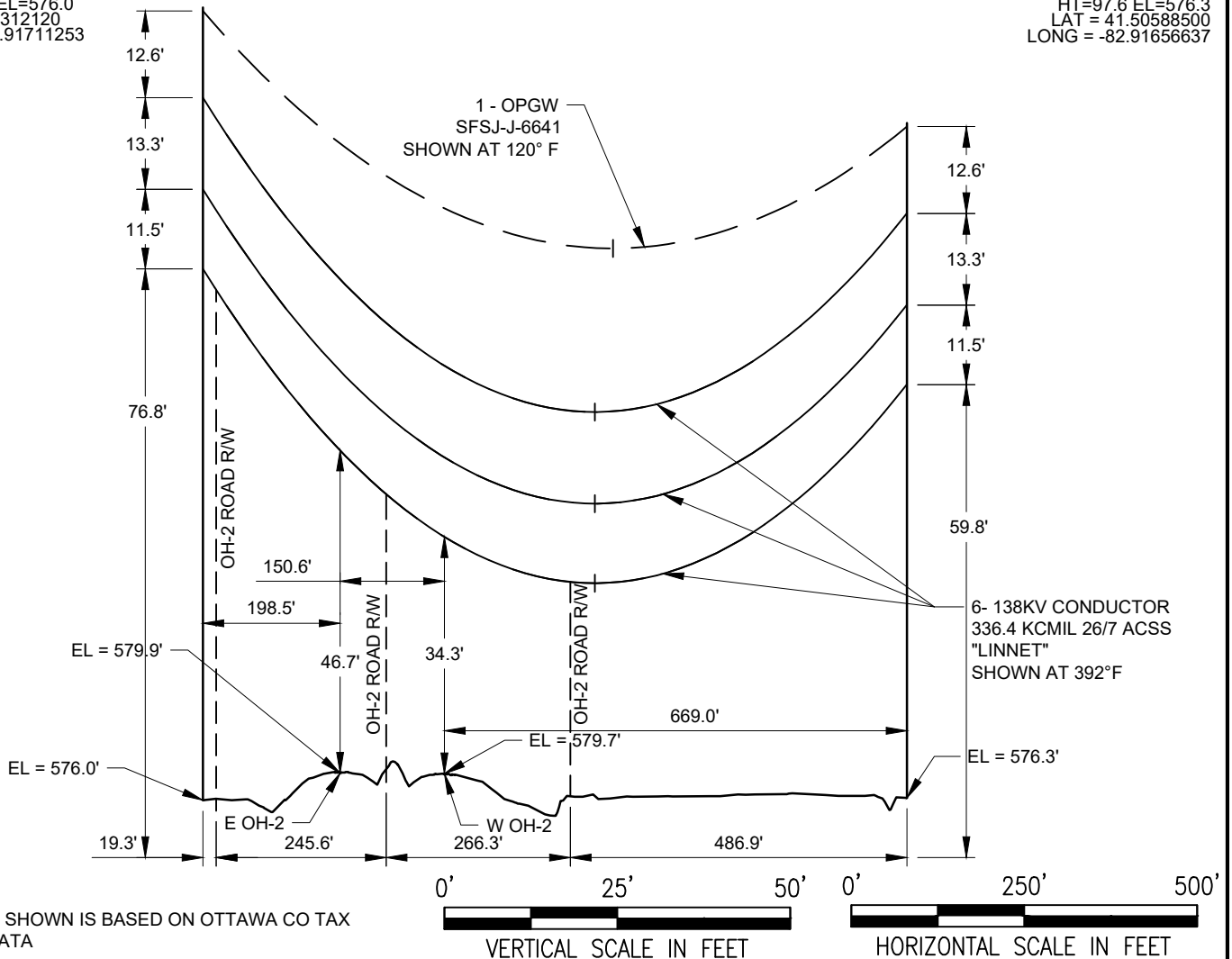
SCD NUMBER	STANDARD ROADWAY CONSTRUCTION DRAWING	OFFICE OF ROADWAY ENGINEERING	STDS. ENGINEER	STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR	REVISION DATE
MT-99.60	SHORT-TERM CLOSURE OF MULTI-LANE DIVIDED HIGHWAY		Soisson	David L. Holstein	07-15-2016

OTTAWA COUNTY
STATE OF OHIO



#1463
TANGENT
HT=114.6 EL=576.0
LAT=41.50312120
LONG=-82.91711253

#1464
TANGENT
HT=97.6 EL=576.3
LAT = 41.50588500
LONG = -82.91656637



NOTE:
ROAD R/W SHOWN IS BASED ON OTTAWA CO TAX
PARCEL DATA

DR. MH/BV	9/22	C.E. CE19-57-OE
CHK. AR/BV	9/22	ORDER NO. 16144094
INS. MRD/BV	9/22	WBS R/W OE-003084
APP. MRD/BV	10/22	SCALE AS NOTED

LAKEVIEW-OTTAWA 138KV RECONDUCTOR STATE ROUTE 2 CROSSING PERMIT DRAWING		
FirstEnergy Transmission Design	ASSET/OP. CO. ATSI/OE	DWG NO. TZ-7559-A
	SHEET 1/1	REV.

PAPER SIZE: 8.5X11

CULVERT REPLACEMENT FULTON STREET (CR-123) OVER ENGLEBECK DITCH LOCATED IN SECTIONS 7 & 8, T6N, R17E, PORTAGE TOWNSHIP, OTTAWA COUNTY, OHIO ~2023~

PROJECT DESCRIPTION

REPLACE EXISTING 60" CONCRETE CULVERT WITH 60" REINFORCED CONCRETE CULVERT. WORK WILL INCLUDE REMOVAL OF EXISTING HEADWALL, REPLACEMENT OF CONNECTED STORM SEWER NETWORK, INTERSECTION RECONSTRUCTION AND DRAINAGE IMPROVEMENTS.

DESIGN DESIGNATION

CURRENT A.D.T. (2017) 1636
DESIGN YEAR A.D.T. (2047) 2205
LEGAL SPEED 45 MPH
DESIGN SPEED 45 MPH
FUNCTIONAL CLASSIFICATION MAJOR COLLECTOR

STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS
		SS800 1-15-2021

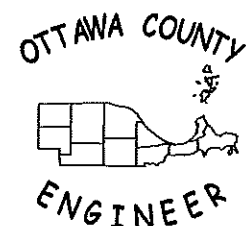
EARTH DISTURBED AREAS		
PROJECT EARTH DISTURBED AREA	ESTIMATED CONTRACTOR EARTH DISTURBED AREA	NOTICE OF INTENT EARTH DISTURBED AREA
0.6 ACRES	0.0 ACRES	N/A (NOI NOT REQUIRED)

UNDERGROUND UTILITIES

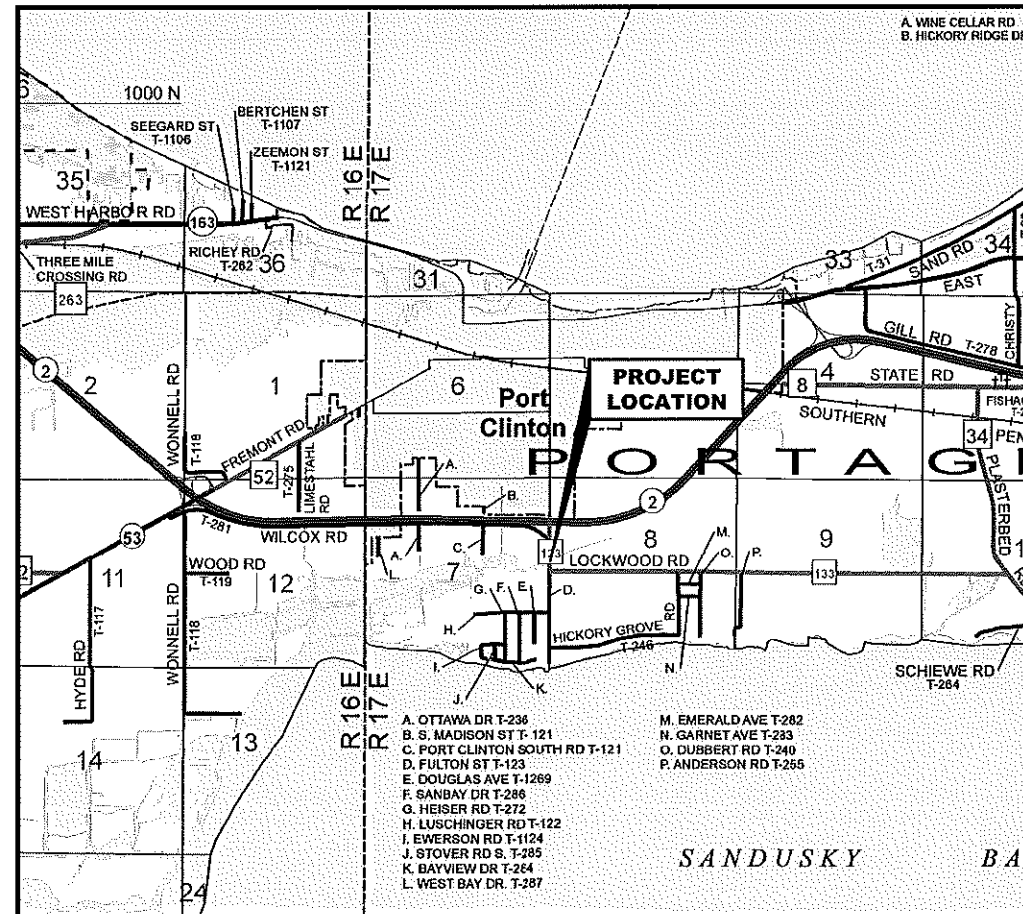
CONTACT BOTH SERVICES TWO WORKING DAYS BEFORE YOU DIG

OHIO UTILITIES PROTECTION SERVICE
CALL BEFORE YOU DIG
1-800-362-2764
(NON-MEMBERS MUST BE CALLED DIRECTLY)

OIL & GAS PRODUCERS
UNDERGROUND PROTECTION SERVICE
1-800-925-0988



OTTAWA COUNTY ENGINEER'S OFFICE - 8247 WEST SR-163 - OAK HARBOR, OHIO 43449



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APPROVALS

WE THE COMMISSIONERS OF OTTAWA COUNTY, IN FORMAL SESSION HEREBY APPROVE THESE PLANS AND CERTIFY THAT THE NECESSARY RIGHT-OF-WAY IS AVAILABLE

Mark E. Coppeler, Commissioner
DATE 1/24/2023

Donald A. Douglas, Commissioner
DATE 1-24-2023

Mark W. Stahl, Commissioner
DATE 01-24-2023

I HEREBY APPROVE THESE PLANS.

Ronald P. Lahti, Jr., P.E., P.S.
OTTAWA COUNTY ENGINEER
DATE 1/24/23



2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL, UNLESS STATED OTHERWISE, SHALL GOVERN THIS IMPROVEMENT.

FEDERAL PROJECT NO.

FID NO.

CONSTRUCTION PROJECT NO.

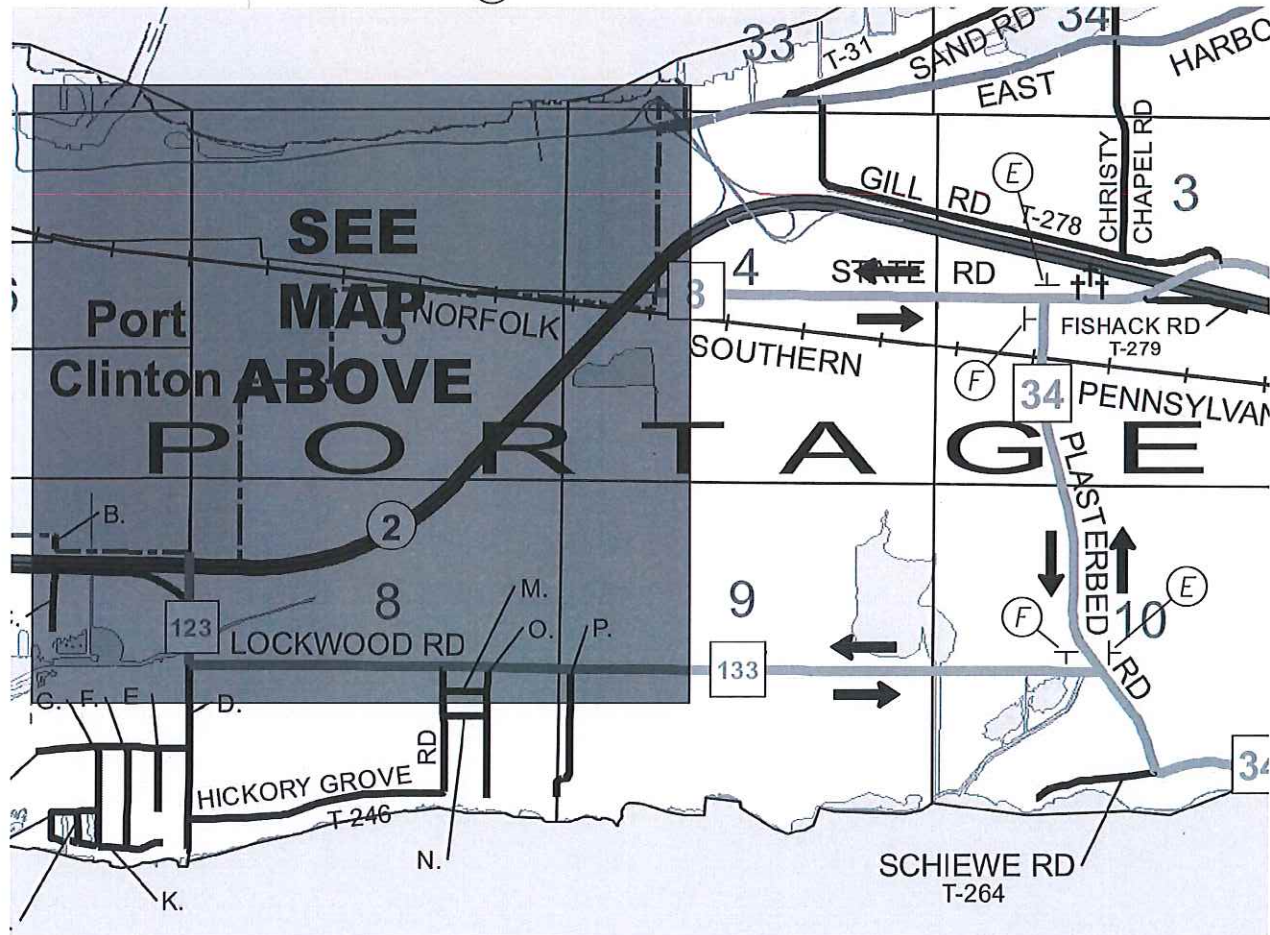
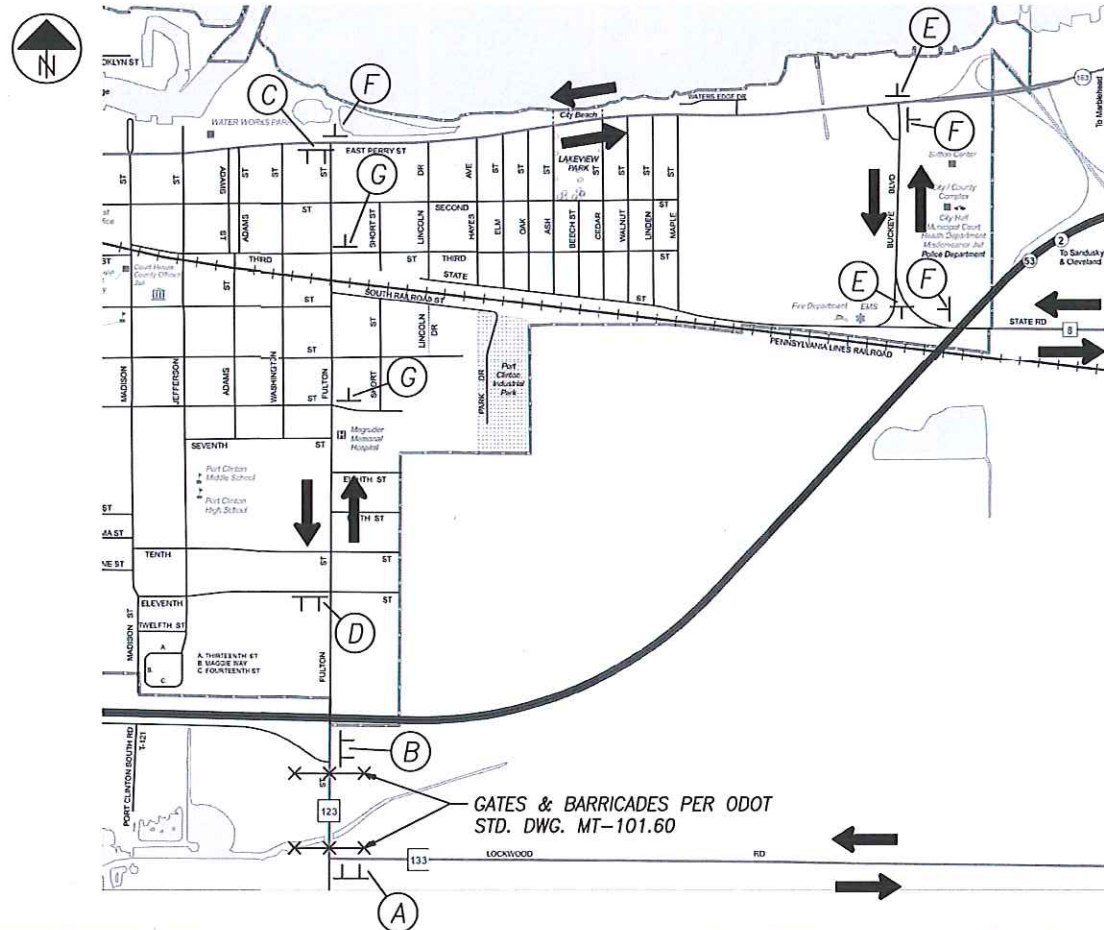
OCE 19-030

RAILROAD INVOLVEMENT

NONE

POR-CR123-0.55

1/14



ROAD CLOSED
0.1 MILES AHEAD
LOCAL TRAFFIC ONLY

R11-3B



M4-10R

MOUNTED ON TYPE III
PORTABLE BARRICADE

(A)

ROAD CLOSED
0.1 MILES AHEAD
LOCAL TRAFFIC ONLY

R11-3B



M4-10L

MOUNTED ON TYPE III
PORTABLE BARRICADE

(B)

ROAD CLOSED
1.3 MILES AHEAD
LOCAL TRAFFIC ONLY

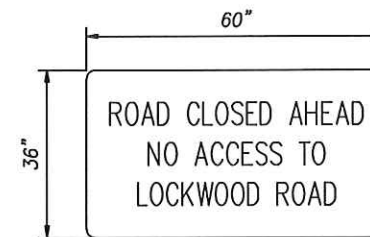
R11-3B



M4-10L

MOUNTED ON TYPE III
PORTABLE BARRICADE

(C)



(OC-60A) W20-H13

(D)

FULTON STREET D-3



M4-9

(E)

FULTON STREET D-3



M4-9

(F)

FULTON STREET D-3

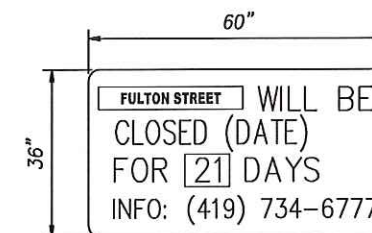


M4-9

(G)

NOTICE OF CLOSURE SIGNS

NOTICE OF CLOSURE SIGNS, AS DETAILED BELOW, SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. THE SIGNS SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF OTHER TRAFFIC CONTROL SIGNS ON THE ROADWAY. THEY SHOULD BE ERECTED AT THE POINT OF CLOSURE.

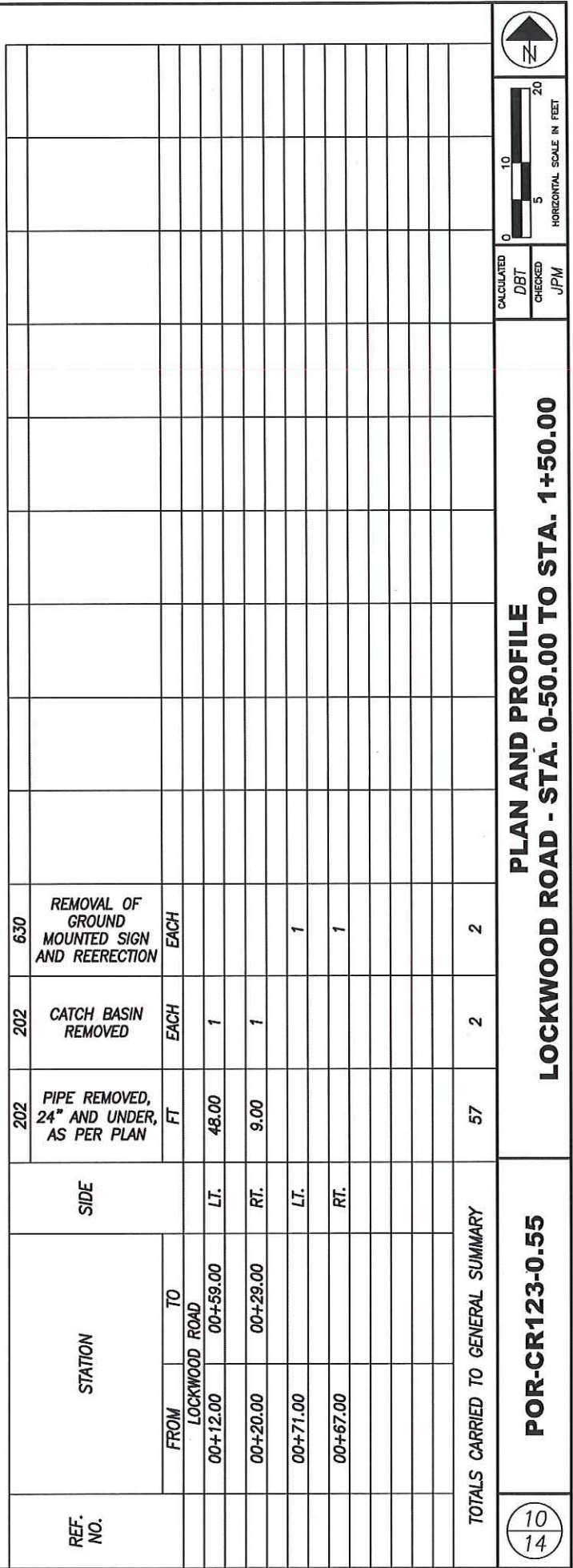


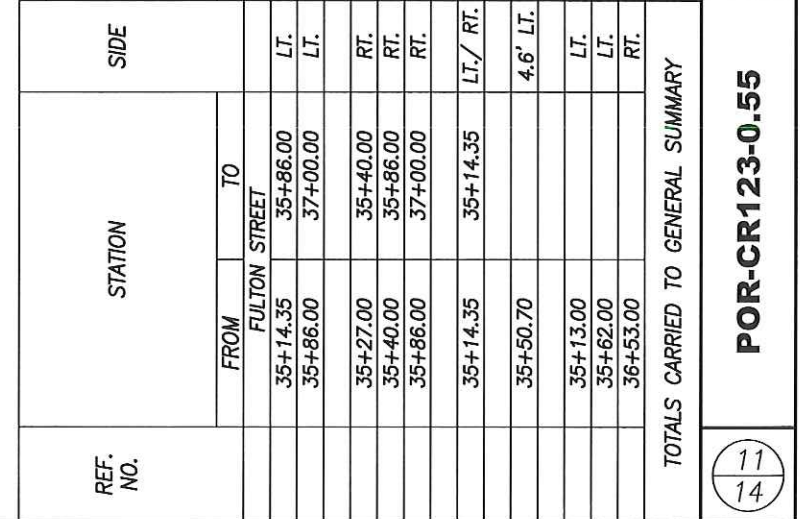
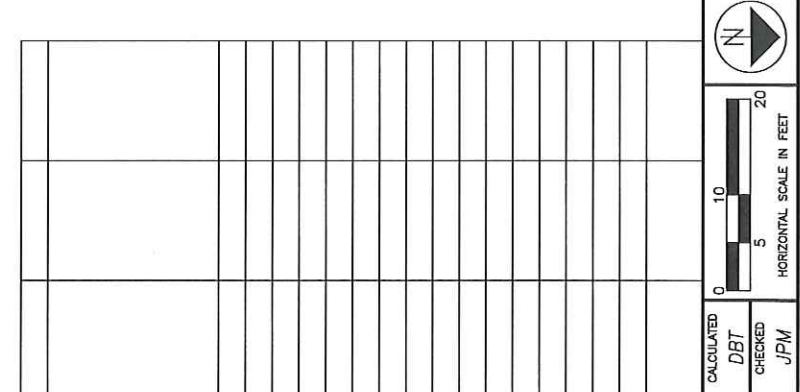
(OC-60A) W20-H13

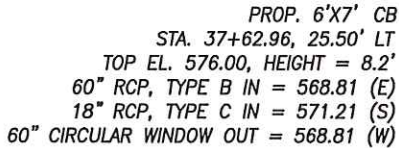
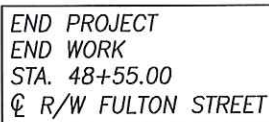
DETOUR PLAN

POR-CR123-0.55

9
14





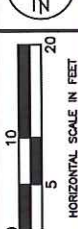


REF. NO.	STATION		SIDE	202	202 PIPE REMOVED, 24" AND UNDER, AS PER PLAN	202 PIPE REMOVED, OVER 24"	611 12" CONDUIT, TYPE D, 706.02	611 18" CONDUIT, TYPE C, 706.02	611 60" CONDUIT, TYPE B, 706.02	611 CATCH BASIN, MISC.: 6X7 CB			
	FROM	TO											
	FULTON STREET			EACH	FT	FT	FT	FT	FT	EACH			
	37+00.00	37+63.00	LT.		64.00			63.00					
	37+49.00	37+84.00	LT.	1									
	37+00.00	37+72.00	RT.		72.00								
	37+57.00	37+91.00	RT.	1			41						
	38+27.00	38+68.00	RT.										
	37+63.00	37+77.50	LT./RT.			46.00			55	1			
	37+76.00	38+64.00	RT.		88.00								
TOTALS CARRIED TO GENERAL SUMMARY				2	224.00	46.00	41.00	63.00	55.00	1			

PLAN AND PROFILE
FULTON STREET - STA. 37+00.00 TO STA. 39+00.00

12
14

POR-CR123-0.55



CALCULATED DBT CHECKED JPM

**This foregoing document was electronically filed with the Public Utilities
Commission of Ohio Docketing Information System on**

3/17/2023 11:47:28 AM

in

Case No(s). 22-0967-EL-BLN

Summary: Notice Second Notice of Compliance with Condition (2) - Additional
Governmental Agency Permits electronically filed by Ms. Devan K. Flahive on
behalf of American Transmission Systems Incorporated.