

## **EASEMENT AGREEMENT**

THIS AGREEMENT made and entered into this 24<sup>th</sup> day of April, 2025 by and between, County of Albany, a municipal corporation, with an office at 112 State St., Albany, New York 12077 (hereinafter referred to as “Grantor”), and FirstLight Fiber, Inc., a Delaware corporation with offices at 12 Metro Park Road, Albany, NY 12205 (hereinafter referred to as “Grantee”).

### **RECITALS**

WHEREAS, Grantor owns certain real property located at 222 Madison Avenue, Albany, New York, commonly known as the New York State Museum.

WHEREAS, Grantee seeks a permanent easement and right-of-way through and within 222 Madison Avenue, Albany, New York, for the purpose of locating, establishing, constructing, maintaining, repairing, and operating telecommunications facilities, and the right of ingress and egress in, from and to said easement, for the purpose of inspecting, maintaining, and repairing such facilities as shown on Exhibit A attached hereto and incorporated herein by reference.

In consideration of the mutual promises and obligations contained herein, the Grantor and Grantee hereby covenant and agree as follows:

#### **1. Grant of Easement.**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which is hereby acknowledged, Grantor hereby grants unto Grantee its successors and assigns, a permanent easement and right-of-way through and within Grantor property, and as depicted on Exhibit A, for the purpose of locating, establishing, constructing, maintaining, repairing, and operating telecommunications facilities and the right of ingress and egress in, from and to said easement for the purpose of inspecting, maintaining and repairing such facilities.

The perpetual easement and right-of-way is hereby given and granted for the sole purpose of maintaining, repairing and operating telecommunications facilities.

Grantor further conveys a temporary easement for those areas necessary for the purposes of construction and installing said telecommunications facilities. The Grantee and its contractors shall name the Grantor and the State of New York as additional insureds on its commercial liability policy during the construction and installation period.

Grantor hereby expressly reserves and shall have the right to use and enjoy the property for itself, its successors, assigns, and permittees; the right at all times and for any purpose to go upon, across and recross and to use the said easement premises in a manner consistent with the existing nature of the property.

#### **2. Restoration.**

Upon completion of any repair or maintenance work contemplated hereunder, Grantee agrees to promptly restore the above-described property owned by Grantor to a condition equal or superior to that existing prior to exercising its rights under this easement. If and when Grantee makes any future repairs to the geothermal lines and/or allied facilities located on the above-

described property, Grantee shall expediently replace and restore any affected portion of the property to a condition equal or superior to that existing prior to the under-taking of such repairs and maintenance.

3. Indemnity.

Grantee hereby agrees to indemnify, defend, save and hold harmless the Grantor and the State of New York from any and all liability, loss or damage, Grantor may suffer as a result of any and all actions, claims, damages, costs and expenses on account of, or in any way arising out of or from this Agreement, including but not limited to indemnify and save and hold harmless Grantor from any and all losses, claims, actions or judgments for damages or injuries to persons or property arising out of or from, or caused by, the construction, operation, maintenance and use of the aforesaid easements and rights-of-way by Grantee or its agents. This indemnity shall continue so long as this Easement Agreement is in effect.

4. Binding Effect.

The rights and responsibilities set forth in this Agreement shall inure to and bind the parties hereto, their heirs, representatives, successors, and assigns and also constitute covenants running with the land.

5. Headings.

The headings in this Agreement are intended for convenience only and shall not be used to vary or interpret the intent of the text.

6. Recording.

Grantee shall, at its expense, record this Easement Agreement with the Albany County Clerk's Office, and shall provide Grantor with conformed copy of the recorded instrument, and provide executed originals of all documents to the New York State Office of General Services, General Counsel, Legal Services, 36th Fl., Corning Tower, Empire State Plaza, Albany, New York 12242. Such recording shall take place within five (5) business days of the execution of this Agreement.

IN WITNESS WHEREOF, the parties enter into this Easement Agreement this \_\_\_\_ day  
of \_\_\_\_\_, 2025.

GRANTOR:

COUNTY OF ALBANY

BY \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date \_\_\_\_\_:

GRANTEE:  
FIRSTLIGHT FIBER, INC.

BY: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

STATE OF NEW YORK)  
COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day \_\_\_\_\_ of 2025, before me personally appeared \_\_\_\_\_,  
known to me to be the \_\_\_\_\_ that executed the within and  
foregoing instrument, and acknowledged the said instrument to be the free and voluntary  
act and deed of said for the uses and purposes therein mentioned, and on oath stated that  
s/he was authorized to execute said instrument.

\_\_\_\_\_  
Notary Public

STATE OF NEW YORK)  
COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day \_\_\_\_\_ of 2025, before me personally appeared \_\_\_\_\_,  
known to me to be the \_\_\_\_\_ that executed the within and  
foregoing instrument, and acknowledged the said instrument to be the free and voluntary  
act and deed of said for the uses and purposes therein mentioned, and on oath stated that  
s/he was authorized to execute said instrument.

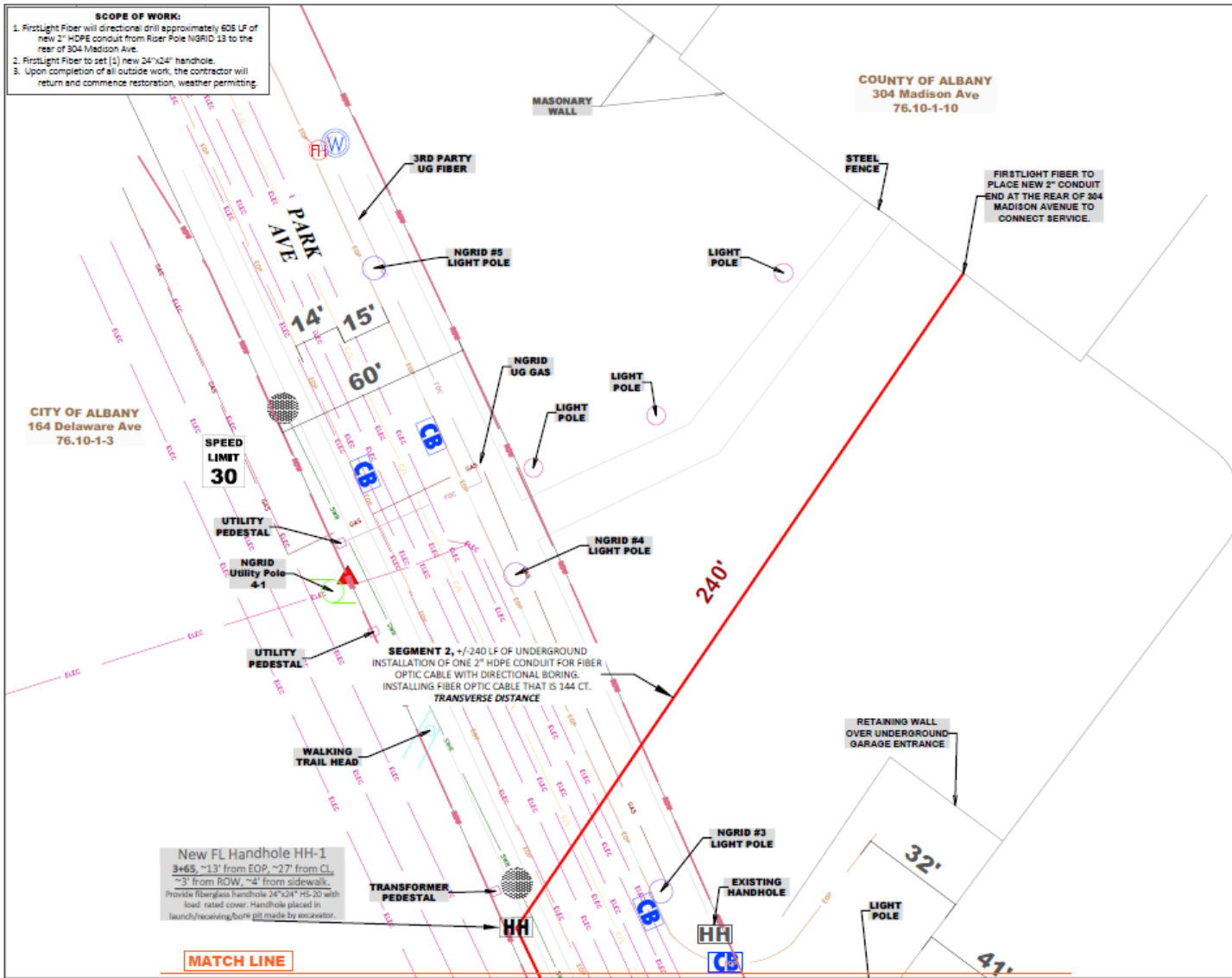
\_\_\_\_\_  
Notary Public





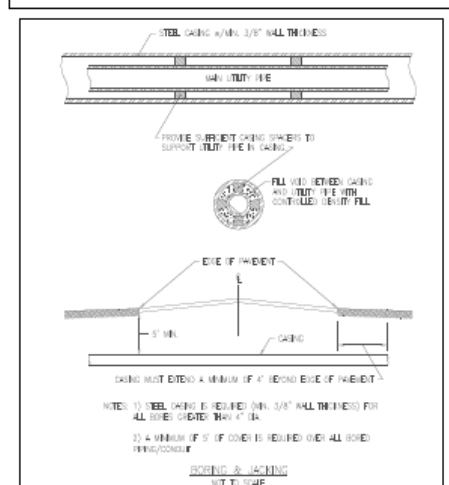


- SCOPE OF WORK:**
1. FirstLight Fiber will directional drill approximately 605 LF of new 2" HDPE conduit from Riser Pole NGRID 13 to the rear of 304 Madison Ave.
  2. FirstLight Fiber to set (1) new 24"x24" handhole.
  3. Upon completion of all outside work, the contractor will return and commence restoration, weather permitting.

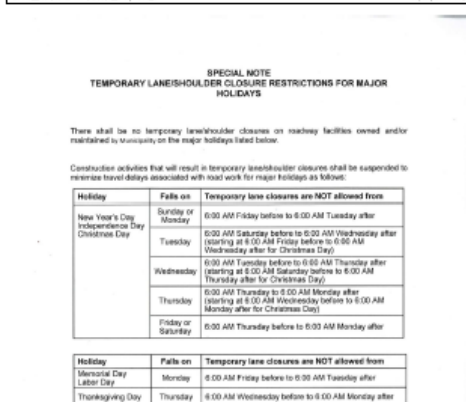








Recommended Excavation Pit Dimensions	
Handhole(s)	Excavate approximately 24"x24" deep hole
Launching / Receiving Pit	Excavate approximately 3' X 4' X 3' deep



Exceptions can only be made under the following conditions:

- Emergency work.
- Work within long-term stationary lane/shoulder closures.
- Safety work that does not adversely impact traffic mobility and has been authorized by the Regional Traffic Engineer.

**Notes:** The Department reserves the right to cancel any work operations, including lane closures and/or total road closures, that would create traffic delays by unforeseen events. The Contractor would be notified at least seven (7) calendar days prior to the proposed work.

**1.0 GENERAL**

1.1 All work shall be performed under and in compliance with permit(s) issued by the appropriate authority(s) having jurisdiction (AHJ).

1.2 Contractor shall, while on work site, visibly display above the waist an Employer issued picture identification Card at minimum identifying employee by name & picture, identifying employer by name.

1.3 Measurements shown on project drawings are point to point (+/-), for reference purposes. Contractor has responsibility to verify the actual footage prior to work. Easement lines, centerline, etc.

1.4 Underground construction will be registered with UFPDO (Dig Safety New York) by contractor.

**2.0 SAFETY & TRAFFIC**

2.1 Contractor employees shall be equipped with and use while on-site, full OSHA approved Personal Protective Equipment (PPE). PPE such as but not limited to: Eye Protection, Hard Hat, Gloves, Safety Vest, Work Boots, etc.

2.2 Contractor and His/her employees are responsible for AHJ work permit compliance. In addition the contractor is responsible for his/her work force adherence with all NESC, OSHA safety regulations, including Excavation Guidelines, using methods and/or shoring as may be required.

2.3 Contractor Traffic & Pedestrian Control around Construction shall comply with the requirements set forth in the Manual on Uniform Traffic Control Devices and/or as requested by AHJ/State/Local Government. Subcontractor shall furnish and bear all costs relating to signs, barricades, cones, drums, warning lights, road plates and qualified flagpersons, as may be required.

2.4 Contractor responsible for supplying police details and any inspections as required by AHJ, Local, City, State, or Federal Jurisdiction(s) and shall bear all costs relating to such.

**3.0 UNDERGROUND/BURIED**

3.1 Contractor shall not break ground prior to DSNY/UFPDO underground locations stated/mark: HDD, Cable Pile, Trench, Auger, Mini-Grazer, and/or similar types of OSP Construction. "Break Ground" refers to breaking ground surface is disturbed deeper than 6" below ground surface.

3.2 Contractor is responsible to contact DSNY/UFPDO/Appropriate Entity to request location stating/mark of existing underground facilities.

3.3 Contractor's contact documentation shall include: Company Name; Contact Person with Phone/E-Mail; Date & Time and UFPDO Number(s). Documentation shall be available on site during construction and made part of the final deliverable package.

3.4 Contractor shall be responsible to contact DSNY/UFPDO/Appropriate Entity to verify the exact running line. Contractor shall Notify, 48-Hours in advance, all property owners and businesses that may be affected by the scheduled construction.

3.5 Contractor is responsible to verify all utility, location & depth, prior to commencing construction and will maintain them operational.

3.6 Contractor shall not hole to locate existing utilities immediately prior to underground construction activity.

3.7 Contractor shall hand dig to locate existing utilities immediately prior to underground construction activity.

3.8 Contractor shall place all underground (UG) or buried (BUR) fiber cable at a minimum & typical depth of 36-inches (depth of roadway) and 6-inches (under roadway) cover.

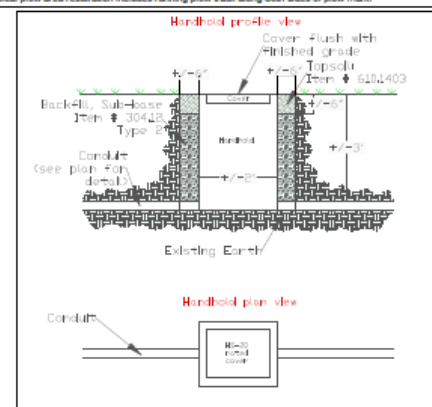
3.9 Any/all underground structures (maintenance holes, hand holes, etc.) provided as part of this project and subject to vehicular traffic shall at a minimum be rated AASHTO H45-20+48. Flush with grade.

3.10 As to all existing Trench, Drains and/or other structures, the Contractor shall be responsible for any operations. Contractor shall Horizontal Directional Drill (HDD) under road structure (Drp Line) or align clear of such areas. Avoid pole or trench construction under drip line.

3.11 Unless noted otherwise (UNO) standard HDPE is 1" N.D. SDR 11.5. Underground pathway build Subcontractor shall provide & place multiple "continuous UG section length" document foot marks. Subcontractor shall also provide a standard detection wire (min #10 AWG Insulated) "continuous UG section length". Open trench/cable pile construction, in addition Subcontractor shall provide & place Fiber underground marker labels.

3.12 Riser/Dip poles, (Riser is coming out of the ground, Dip is going into the ground) Subcontractor shall leave enough HDPE at pole to be placed vertically on pole and extend 36" from pole on cable support messenger. Subcontractor shall bury/terminate in accordance with the applicable code of practice in compliance with State, Local or Federal regulation & AHJ permit specifications or stipulations, which ever standard is greater. All site restoration will be performed in accordance with NYSDOT standard Specification Section(s) 203 & 610. Cable pile construction areas shall be restored & maintained "in-kind".

3.13 All items listed in this specification shall be installed in accordance with the details of the plan mark.



- Handholes are placed in hand/working pits made by excavators. Refer to the table for pit sizing.

- A. Continue to provide and operate a dewatering system if the ground water is present in the excavation. Also the dewatering system to maintain the ground water level below the bottom of the excavation.
- B. Shallow water shall be a location that will not affect the excavation.
- C. Install a dewatering bag at the end of all discharge pipes, use a 6"X8" Silica-Dewatering Bag - 812-01-01, as recommended by Interstate Products, Inc. See specifications at the following website:  
[store.interstateproducts.com](http://store.interstateproducts.com).
- D. Do not discharge groundwater to a WYBOD unless the water system shows as a catch basin.
- E. Assume discharge waters does not affect residential, industrial, or commercial projects.
- F. Assume discharge waters do not affect WYBOD structures, or opportunities.
- G. Properly diagnose of dewatering bag after

STATE	NY
COUNTY	Albany
CITY	Albany
F.C.E.	2" HDPE
F.O.C. CT	(1) 144
DRAWN BY	AOK
DATE DRAWN	Jan' 2025
MUNICIPALITY	City of Albany
JURISDICTION	CITY



**AOK ENGINEERING, PLLC**  
1580 U8-11, Gouverneur, NY 13643



### UNDERGROUND DETAILS (1)

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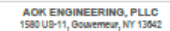
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Diagram illustrating the installation of a trench box for a manhole. The diagram shows a cross-section of the ground with an existing manhole on the left. A new concrete trench box is being installed to the right of the manhole. The trench box is labeled "Trench Box Lightweight Safety-Box Model Number 35600 LTE or equal". The ground around the trench box is labeled "Saw cut existing asphalt". The ground inside the trench box is labeled "Existing Soil sloped to grade". The manhole is labeled "Existing Manhole".

UTILITY LOCATIONS ARE APPROXIMATE ONLY. ALL UTILITIES  
MUST BE LOCATED PRIOR TO ANY EXCAVATION ACTIVITIES.

MAINTAIN A MINIMUM OF 5 FEET FROM THE SIDEWALK AT ALL  
TIMES. MAINTAIN EXISTING CROSSING AT ALL TIMES WITHIN  
PROJECT AREA.

STATE	NY
COUNTY	Albany
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F.C.E.	2" HDPE
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AOK# 2025-3	
SO# 195443-001	
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FINAL PAVEMENT RESTORATION DETAIL  
ASPHALT SECTION

NYSDOT  
FINAL PAYMENT RESTORATION DETAIL  
CONCRETE SECTION

**TYPICAL CROSS SECTION**

#### GENERAL NOTES

1. THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MUTCD, REFLECT THE MINIMUM REQUIREMENTS.
2. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
3. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO REGIONAL MANAGEMENT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.

#### ACTIVITY AREA

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.

#### SIGNS

1. THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL BY THE ENGINEER.
2. ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
3. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
4. ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTI-LANE DIVIDED HIGHWAYS, MULTI-LANE RAMPS, AND ONE-WAY STREETS. IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
5. SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.
6. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE.
7. NYR9-12 MAY BE USED IN PLACE OF NYR9-11.

#### CHANNELIZING DEVICES

1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.
2. DRUMS SHALL BE USED FOR ANY LANE CLOSURES OR SHOULDER CLOSURES WHICH ARE TO REMAIN OVERNIGHT

#### PUBLIC ACCESS

1. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
2. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

#### LANE CLOSURES

1. THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.

2. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.

#### LANE WIDTHS

1. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11' . THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10' .
2. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER IN A TIMELY MANNER.

#### BARRIER/SHADOW VEHICLES

1. BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGEND AND TABLES".
2. NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
3. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.

#### STANDARD PLAN NOTES

1. ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
2. ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
3. MATERIALS, EQUIPMENT AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NEW YORK STATE RIGHT-OF-WAY.
4. MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE CURRENT NATIONAL MUTCD WITH NYS SUPPLEMENT, SECTION 619 OF THE CURRENT NYSDOT STANDARD SPECIFICATIONS, THESE PLANS AND AS ORDERED BY THE ASSISTANT RESIDENT ENGINEER, ON A NYSDOT CONSTRUCTION PROJECT, MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THESE PLANS AND BE IN ACCORDANCE WITH THE NYSDOT CONTRACT DOCUMENTS AS DEEMED NECESSARY BY THE NYS ENGINEER-IN-CHARGE.
5. NOTIFY THE NYSDOT AT 716-438-2396 THREE (3) WORK DAYS PRIOR TO WORKING WITHIN THE STATE RIGHT-OF-WAY.
6. NOTIFY THE NYSDOT SIGNAL MAINTENANCE FACILITY AT (585) 753-7780 5 DAYS PRIOR TO WORKING WITHIN 350' OF A SIGNALIZED INTERSECTION. NOTIFY DIG SAFELY NEW YORK 2 WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 811 FOR A UTILITY STAKE-OUT.
7. ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS ALONG WITH ANY APPROPRIATE CURRENT NYS DEPARTMENT OF TRANSPORTATION'S STANDARD SHEETS.
8. QUALITY CONTROL OF ASPHALT CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 401 OF THE STANDARD SPECIFICATIONS. ALL ASPHALT PRODUCED AS PART OF SECTION 401 WILL BE PAID AT A FINAL QUANTITY ADJUSTMENT FACTOR OF 1.0. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.
9. NO NIGHT WORK SHALL BE ALLOWED UNLESS APPROVED PRIOR TO START OF PROJECT. ADDITIONAL MAINTENANCE AND PROTECTION OF TRAFFIC MAY BE REQUIRED INCLUDING THE ADDITION OF REFLECTIVE MATERIALS AND LIGHTING.
10. HAZARDOUS WASTE NOTIFICATION - THE PERMITTEE ACCEPTS THE RIGHT-OF-WAY OF THE STATE HIGHWAY IN ITS "AS IS" CONDITION. THE DEPARTMENT OF TRANSPORTATION MAKES NO REPRESENTATION AS TO THE ABSENCE OF UNDERGROUND TANKS, STRUCTURES, FEATURES OR SIMILAR IMPEDIMENTS TO THE COMPLETION OF THE WORK PERMITTED HEREUNDER. SHOULD PERMITTEE FIND SOME PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS TO ITS WORK, THE DEPARTMENT OF TRANSPORTATION SHALL HAVE NO OBLIGATION TO CURE, REMOVE, REMEDY OR OTHERWISE DEAL WITH SUCH PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS. THE PERMITTEE IS REQUIRED TO REMOVE, MODIFY OR OTHERWISE DEAL WITH SUCH UNDERGROUND TANKS, STRUCTURES, FEATURES OR IMPEDIMENTS IN A MANNER WHICH MEETS ACCEPTABLE ENGINEERING PRACTICE AND IS APPROVED BY THE DEPARTMENT OF TRANSPORTATION.
11. ADA COMPLIANCE - ALL WORK ON PEDESTRIAN FACILITIES SHALL BE COMPLIANT WITH THE AMERICANS WITH DISABILITIES ACT (ADA).

#### NOTES:

UTILITY LOCATIONS ARE APPROXIMATE ONLY. ALL UTILITIES MUST BE LOCATED PRIOR TO ANY RECONSTRUCTION ACTIVITIES. MAINTAIN A MINIMUM OF 5 FEET FROM THE SUBGRADE AT ALL TIMES. MAINTAIN EXISTING CROSSINGS AT ALL TIMES WITHIN PROJECT AREA.

STATE	NY
COUNTY	Albany
CITY	Albany
F.C.E. 2" HDPE	
F.O.C. (1) 144	
DRAWN BY	AOK
DATE DRAWN	Jan 2025
MUNICIPALITY	City of Albany
JURISDICTION	CITY



AOK ENGINEERING, PLLC  
1580 UD-11, Gouverneur, NY 13642



#### GENERAL NOTES

AOK# 2025-3  
S0# 135443-001

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# NOTES:

UTILITY LOCATIONS ARE APPROXIMATE ONLY. ALL UTILITIES MUST BE LOCATED PRIOR TO ANY EXCAVATION ACTIVITIES. MAINTAIN A MINIMUM OF 2 FEET FROM THE SIDEWALK AT ALL TIMES. MAINTAIN EXISTING CURBSIDE AT ALL TIMES WITHIN PROJECT AREA.

## NOTES:

1. SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAY PERIOD.
2. IN URBAN CONDITIONS, ADVANCE WARNING SIGN SPACINGS MAY BE ADJUSTED IN ORDER TO ACCOMMODATE SIDE STREETS AND DRIVEWAYS. IF THERE IS A CONFLICT, MOVE THE SIGN UPSTREAM.
3. CENTERLINE CONES MAY BE ADDED TO ENHANCE THE VISIBILITY OF THE FLAGGER STATION. IF CONES ARE USED, PLACE THEM 100 FT. MINIMUM FROM FLAGGER.
4. FLAGGER SYMBOL SIGN (W20-7) AND "ONE LANE ROAD AHEAD" SIGN (W20-4) SHALL BE REMOVED, COVERED OR TURNED AWAY FROM ROAD USERS WHEN FLAGGING OPERATIONS ARE NOT OCCURRING.
5. IF THE TRAFFIC IS EXPECTED TO QUEUE PAST THE W20-4 SIGN, A W3-4 SIGN SHOULD BE ADDED.
6. PROTECTIVE VEHICLE WITH APPROPRIATE BOLL BARRAGE DISTANCE MAY BE USED IN ADVANCE OF THE WORK AREA. IF DEEMED NECESSARY BY THE JOB ENGINEER OR THEIR DESIGNEE, TO USE PROTECTIVE VEHICLE, BUFFER SPACE SHALL BE PROVIDED ACCORDINGLY.
7. WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE ROADWAY WITHIN A WORK ZONE, TRAFFIC CONTROL AREA, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AND/OR FLAGGERS SHALL BE PLACED AS NEEDED. ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK SPACE.
8. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
9. CHANNELIZING DEVICES SHALL BE PLACED TRANSVERSELY A MINIMUM OF THEIR BODY AS SHOWN WITH A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 300'.
10. ALL FLAGGERS SHALL USE SHOWN OCTAGON SHAPED STOP/SLOW PADDLES HAVING 6" STAFF. THE PADDLE IS THE PREFERRED DEVICE, BUT THE FLAG MAY BE USED AT INTERSECTIONS WHERE THE STOP/SLOW PADDLE WOULD NOT CONTRADICT INFORMATION TO DRIVERS TRAVELING IN OPPOSITE DIRECTIONS/LESS OF THE INTERSECTION OR DURING INCIDENT MANAGEMENT SITUATIONS.



REFER TO SHEET 2 OF 2 FOR ALL TABLES

	<b>Department of Transportation</b>
	U.S. CUSTOMARY STANDARD SHEET
	<b>WORK ZONE TRAFFIC CONTROL TWO-LANE TWO-WAY ROADWAY LANE CLOSURE WITH FLAGGERS SHORT TERM OPERATION (SHEET 1 OF 2)</b>
APPROVED DECEMBER 2, 2021 Robert L. Longo ROBERT L. LONGO, P.E. DIRECTOR, OTSM	ISSUED UNDER E3 21-008 619-307

ERRATA 2 EPP, 08/01/23  
ISSUED WITH E3 21-016  
ERRATA 1 CTT, 05/01/23  
ISSUED WITH E3 22-006

STATE/
COUNTY/Albany
CITY/Albany
F.C.E.#/2NDP
F.O.C.#/1144
DRAWN BY/AOK
DATE DRAWN/Jan 2025
MUNICIPALITY/City of Albany
JURISDICTION/CITY



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1580 US-11, Gouverneur, NY 13642



TRAFFIC CONTROL  
PLAN

AOK# 2025-3  
SOW 195443-001

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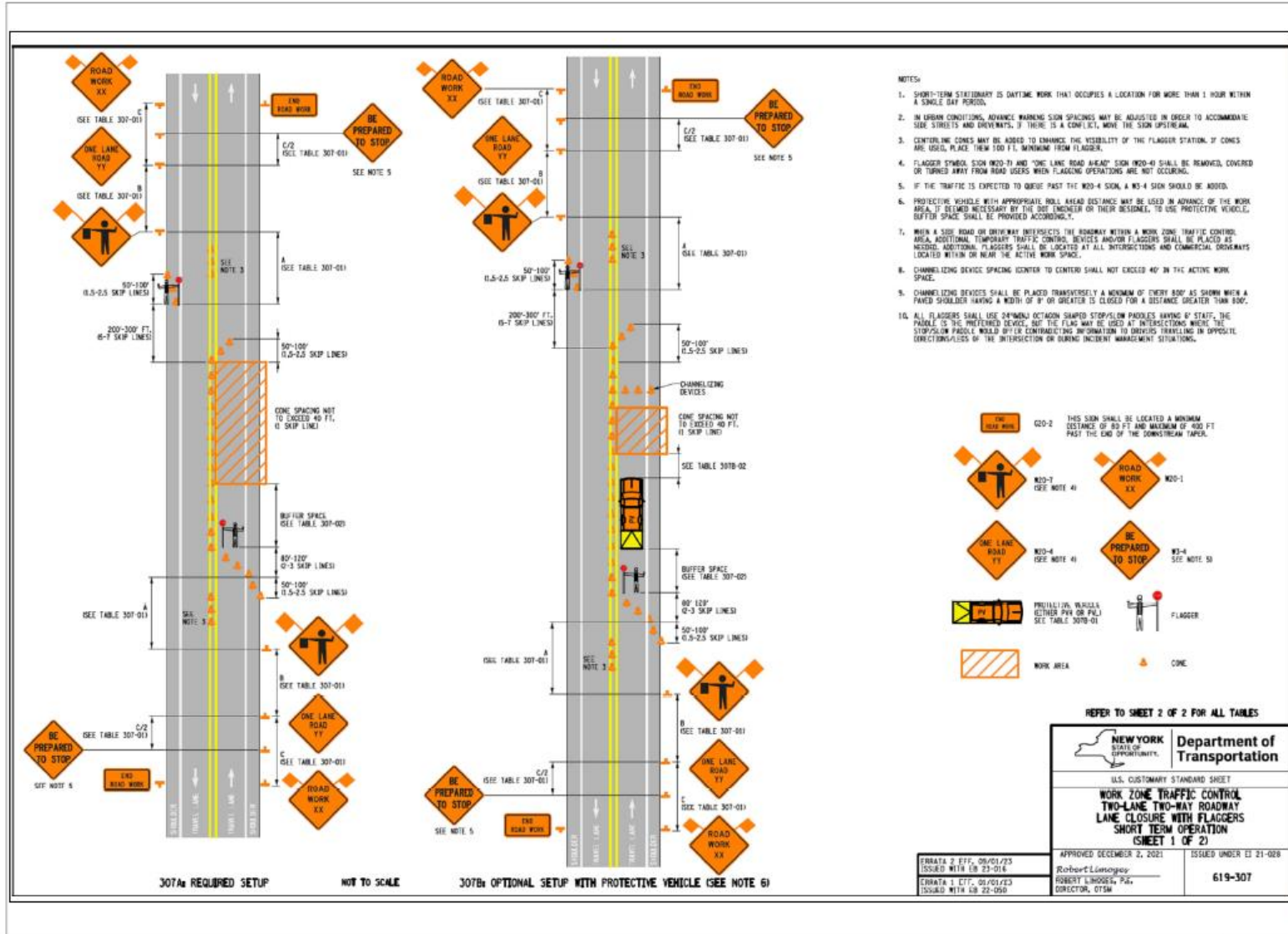


TABLE 307-01a ADVANCE WARNING SIGN SPACING						
ROAD TYPE	DISTANCE BETWEEN SIGNS			SIGN LEGEND		
	A 0' T.J.	B 0' T.J.	C 0' T.J.	XX	YY	
URBAN 15-30 MPH	100	100	100	AWARD	AWARD	
URBAN 35-40 MPH	200	200	200	AWARD	AWARD	
URBAN 45 MPH	350	350	350	1000 FT.	AWARD	
RURAL	500	500	500	1500 FT.	1000 FT.	

TABLE 307-02a LONGITUDINAL BUFFER SPACE	
PRECONSTRUCTION POSTED SPEED (MPH)	LONGITUDINAL BUFFER SPACE DISTANCE (FT.) * OF SKIP LINES
25	155/4
30	200/5
35	250/6
40	325/8
45	360/9
50	425/11
55	495/13

TABLE 307-03a REQUIRED SIGN SIZES*		
SIGN	NON-FREEMAY	FREEMAY
G20-2	36x18	48x24
W3-4	36x24	48x48
W20-1	36x36	48x48
W20-4	36x36	48x48
W20-7	36x36	48x48
WARNING FLAG	18x18	18x18

\*FREEMAY SIZES MAY BE USED ON NON-FREEMAY, IF SPACE CONSTRAINTS DO NOT EXIST.

TABLE 307B-01a PROTECTIVE VEHICLE REQUIREMENTS				
CLOSURE TYPE	ROAD TYPE & SPEED	NON-FREEMAY		
		≥ 45 MPH	35 - 40 MPH	≤ 30 MPH
LANE CLOSURE OR ENCROACHMENT	EXPOSURE CONDITIONS (SEE NOTE 1)	PWH-TMBA	PVL-TMBA	PVL
	WORKERS ON FOOT OR WORK VEHICLE EXPOSED TO TRAFFIC	PWH-TMBA	PVL	SEE NOTE 2
SHOULDER CLOSURE OR ENCROACHMENT	NO WORKERS ON FOOT NO WORK VEHICLE EXPOSED TO TRAFFIC OTHER HAZARDS EXPOSED (EQUIPMENT, MATERIALS, EXCAVATION)	PWH-TMBA	PVL	PVL
	WORKERS ON FOOT OR WORK VEHICLE EXPOSED TO TRAFFIC	PWH-TMBA	PVL	SEE NOTE 2

LEGEND  
PVL - PROTECTIVE VEHICLE LIGHT MINIMUM GROSS WEIGHT 9,500 LBS. OR GREATER (SEE NOTE 4)  
PWH - PROTECTIVE VEHICLE HEAVY MINIMUM GROSS WEIGHT 22,000 LBS. OR GREATER  
TMBA - TRUCK/TRAILER MOUNTED IMPACT ATTENUATOR

NOTES:  
1. THE EXPOSURE CONDITIONS ASSUME THERE IS NO POSITIVE PROTECTION PRESENT.  
2. EITHER A PROTECTIVE LIGHT (PVL) OR THE STANDARD BUFFER SPACE (SEE TABLE 011-03) SHALL BE PROVIDED.  
3. TRUCK/TRAILER MOUNTED IMPACT ATTENUATORS (TMBA) SHALL NOT BE MOUNTED/INSTALLED ON VEHICLES WITH A GROSS VEHICLE WEIGHT (GVW) LESS THAN WHAT IS NORMALLY REQUIRED BY THE MANUFACTURER OF THE TMBA.  
4. THE USE OF A PROTECTIVE VEHICLE LIGHT (PVL) AS A SHADOW VEHICLE IS LIMITED TO NON-FREEMAY ROADWAYS WHERE THE POSTED SPEED LIMITS IS ≤ 40 MPH UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.

TABLE 307B-02a ROLL AHEAD DISTANCE FOR PROTECTIVE VEHICLES		
ROLL AHEAD DISTANCE (FT.)** OF SKIP LINES FOR VEHICLES		
PRECONSTRUCTION POSTED SPEED (MPH)	STATIONARY OPERATION	
	PROTECTIVE VEHICLES WEIGHING 9,500 TO 21,999 LBS. GVW	PROTECTIVE VEHICLES WEIGHING 22,000 LBS. OR GREATER GVW
45 - 55	160/4	120/3
≤ 40	120/3	80/2

## NOTES:

UTILITY LOCATIONS ARE APPROXIMATE ONLY. ALL UTILITIES MUST BE LOCATED PRIOR TO ANY EXCAVATION ACTIVITIES. MAINTAIN A MINIMUM OF 3 FEET FROM THE EXCAVATION AT ALL TIMES. MAINTAIN EXISTING CLOSURES AT ALL TIMES WITHIN PROJECT AREA.

STATE	NY
COUNTY	Albany
CITY	Albany
F.C.E. 2" HDPE	
F.O.C. CT (1) 144	
DRAWN BY	AOK
DATE DRAWN	Jan 2025
MUNICIPALITY	City of Albany
JURISDICTION	CITY



AOK ENGINEERING, PLLC  
1580 US-11, Bozeman, NY 13642



TRAFFIC CONTROL  
PLAN

AOK# 2025-3  
SO# 195443-001

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Department of Transportation

U.S. CUSTOMARY STANDARD SHEET

WORK ZONE TRAFFIC CONTROL  
TWO-LANE TWO-WAY ROADWAY  
LANE CLOSURE WITH FLAGGERS  
SHORT TERM OPERATION  
(SHEET 2 OF 2)

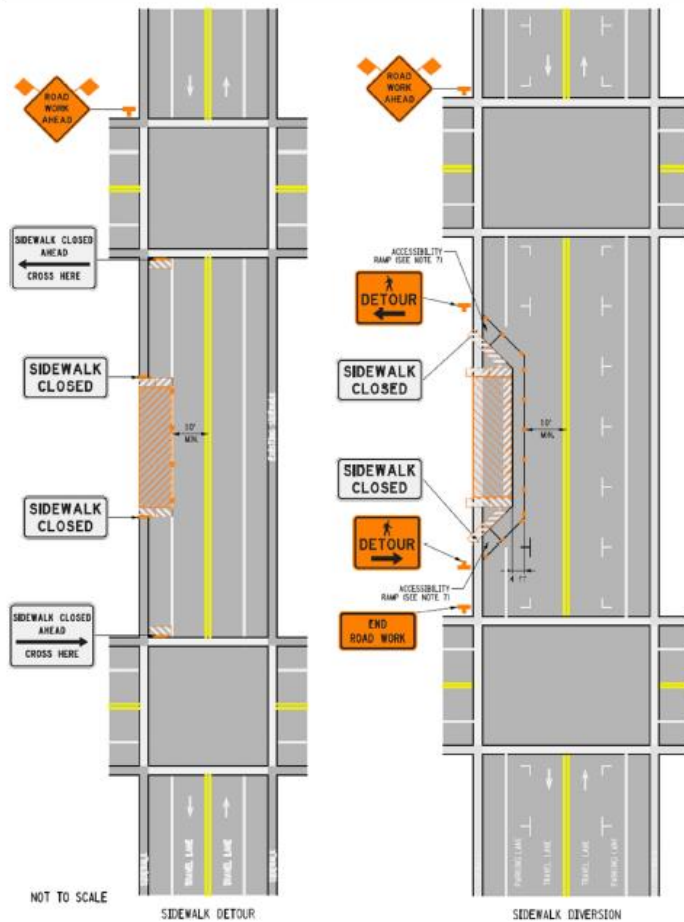
APPROVED DECEMBER 2, 2021

Robert Lumogio  
ROBERT LUMOGIO, P.E.  
DIRECTOR, DTSP

ISSUED UNDER E1 21-028

619-307





# NOTES:

1. SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
2. ANY SIDEWALK DIVERSION MUST BE ADA COMPLIANT AND FOLLOW THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (SHOWING, TEMPORARY RAMP) AND OTHER TEMPORARY PEDESTRIAN FACILITIES SHALL BE PAID FOR UNDER THE APPROPRIATE ITEM FOR ASPHALT SIDEWALKS.
3. PEDESTRIAN SECTION SIGNS AND MUTED PAINT & SKILL APPLY TO ALL CONSTRUCTED TEMPORARY ALTERNATIVE PEDESTRIAN PATHWAYS.
4. ONLY THE WORK ZONE TRAFFIC CONTROL DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE/SHOULDER CLOSURE, ROAD NARROWS SIGNS (W4-4L) OR NO PARKING SIGNS MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
5. TYPE III BARRICADES SHALL BE THE FULL WIDTH OF THE PATH BEING CLOSED.
6. ACCESS TO BUSINESS ENTRANCES AND TRAVEL STOPS WILL NEED TO BE MAINTAINED. IF THE PEDESTRIAN FACILITY CURRENTLY HAS A TRAVEL STOP THAT WILL BE AFFECTED BY THE WORK ZONE, PRACTITIONERS SHOULD CONSULT THE TRAVEL AUTHORITIES THAT SERVICE THE AFFECTED STOP TO DETERMINE HOW TO ACCOMMODATE THE STOP.
7. THE GRADE RUNNING SLOPE OF A TEMPORARY CURB RAMP FOR DESIGN AND LAYOUT SHALL BE A MAXIMUM OF 1:5% (THE GRADE FOR ADA ACCESSIBILITY AND WORK ACCEPTANCE SHALL BE A MAXIMUM OF 4:3%).

TABLE 321-02a CHANNELIZING DEVICE APPLICATION FOR SHORT-TERM STATIONARY WORK ZONES

WORK ZONE PRECONDITIONS	CHANNELIZING DEVICES								
		STANDARD CONES	TALL CONES	EXTRA TALL CONES	TEMPORARY FIBER OPTIC MARKERS	INTERMEDIATE FIBER OPTIC MARKERS	VERTICAL TUBES	VERTICAL TUBES	TYPE II BARRICADES
SHORT-TERM IS STATIONARY WORK ZONES INVOLVE WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.	MINIMUM DEVICE SPACING: CENTER TO CENTER								
SHOULDER/STREETWAY/SHOULDER TAPERS	20 FT.	X	X	X	X		X	X	X

NOTES: X= ALLOWED BLANK = NOT ALLOWED

END ROAD WORK (C20-2) THIS SIGN SHALL BE LOCATED A MINIMUM DISTANCE OF 80 FT. AND MAXIMUM OF 300 FT. PAST THE END OF THE DOWNSTREAM TAPER.



TABLE 321-01: REQUIRED SIGN SIZES		
SIGN	NON-FREEMAN	FREEMAN
W4-1	36x48	48x24
W4-11L/W4-11R	24x18	24x18
W4-12	24x12	24x12
W4-13	36x24	48x18
W4-14	36x24	36x24
W4-15	18x18	18x18

\*FREEMAN SIZES MAY BE USED ON NON-FREEMAN, IF SPACE CONSTRAINTS DO NOT EXIST.

\*\*SIGNS NOT FOR FREEMAN USE.

	<b>Department of Transportation</b>
U.S. CUSTOMARY STANDARD SHEET	
WORK ZONE TRAFFIC CONTROL TWO-LANE TWO-WAY ROADWAY SIDEWALK DETOUR/DIVERSION SHORT TERM OPERATION	
APPROVED: DECEMBER 2, 2021 Robert L. Longo, P.E. DIRECTOR, OTSM	ISSUED UNDER BY 21-008 615-321

UTILITY LOCATION AND APPROXIMATE ONLY. ALL UTILITIES MUST BE LOCATED PRIOR TO ANY EXCAVATION ACTIVITIES. MAINTAIN A MINIMUM OF 5 FEET FROM THE SIDEWALK AT ALL TIMES. MAINTAIN EXISTING CROSSING AT ALL TIMES WITHIN PROJECT AREA.

STATE/	ALBANY
COUNTY/	ALBANY
CITY/	ALBANY
F.C.C. 2" HDPE	
F.O.C. CT(1) 144	
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1550 UD-11, Oswego, NY 13622



FirstLight

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