



1112 Manatee Avenue West
Bradenton, FL 34205
purchasing@mymanatee.org

Solicitation Addendum

Addendum No.: 1
Solicitation No.: 23-TA004710ED
Project No.: 6092270
Solicitation Title: Franklin Ave & US 301 North Watermain Replacement Project
Addendum Date: June 2, 2023
Procurement Contact: Emily Diaz, Procurement Agent III

IFBC 23-TA004710ED is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This Addendum is hereby incorporated in and made a part of IFBC 23-TA004710ED.

The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFBC was May 26, 2023.

REPLACE:

SECTION B, BID FORMS, APPENDIX K BID, PRICING FORM

Replace Appendix K, Bid Pricing Form with Appendix K, Bid Pricing Form Revised issued with this Addendum No. 1 and available to download as a separate attachment.

ADD:

BID ATTACHMENT 4, FDOT PERMIT PLANS

Bid Attachment 4, FDOT Permit Plans issued with this Addendum No. 1.

QUESTIONS AND RESPONSES:

Q1. I am inquiring to ask if there is a cost estimate or budget associated with the Franklin Ave & US 301 North Watermain Replacement Project.

R1. The Engineer's opinion of probable construction cost is \$308,365.60.

Q2. What permits will the contractor be required to obtain for pay item # 31?

R2. All applicable permits to work within the FDOT Right-of-way including but not limited to Maintenance of Traffic or Dewatering discharge.

Q3. Does the County have a budget for this project?

R3. The Engineer's opinion of probable construction cost is \$308,365.60.

Q4. Will the contractor be able to close Franklin Avenue and detour traffic to complete the work on Franklin?

R4. Franklin Ave can be closed and could detour traffic. Access cannot be denied to the medical facility and must always be maintained.

Q5. Plan Sheet # 6 calls out a single long side service to be installed at station 306+86. Is open cut of the road way acceptable? Please clarify.

R5. Yes, open cut is acceptable.

Q6. Will the proposed water line tie ins be able to be completed in daytime working hours?

R6. No, a nighttime tie-in is required due to the medical facility always needing potable water.

Q7. Bid item # 20- Pole holding allowance has a quantity of 1 each. Should this be changed to LS, as there is more than 1 location called out on the plans?

R7. Appendix K – Bid Pricing Form has been revised.

Q8. Are the proposed water line improvements on plan sheet # 4 at station 206+79 within the FDOT ROW? If so, does the County have an FDOT permit for this project?

R8. Yes, the County has the FDOT permit. See Bid Attachment 4 – FDOT Permit Plans. Once awarded, County will notify FDOT of commencement of work.

Q9. Plan sheet # 9 / detail UG-12 lists all asphalt to be a marshal mix. Therefore, the contractor will not be required to factor in any FDOT-SP or FC asphalt mixes for items 23 & 24, correct? Please clarify.

R9. Per plan sheet 6, the new water main and tee will be installed under FDOT Right-of-Way. All asphalt & road restoration must be consistent with FDOT standards with 50ft of FDOT Right-of-way work, which is an approximate range from STA 305+80 to STA 306+30. All work from STA 306+30 to STA 307+20 must adhere to UG-12. The contractor must take all factors into consideration when submitting their bids, including FDOT and County details.

Q10. On plan sheet # 4 from roughly station 207+10 to station 208+10 there are brick pavers that looks like they will have to be removed and replaced during the installation of the proposed 6" water line. How is this work being paid for?

R10. This area is technically a sidewalk and will be paid under line item number 26.

Q11. There are concrete driveways that will be impacted during the proposed water line installation. Plan Sheet # 9 / detail UG-14 is listed. I do not see a 6" concrete driveway pay item or any quantities. Will one be added?

R11. The only driveway affected by the project is the asphalt driveway into the medical facility just north of the intersection of Franklin Ave & US-301N. This will be paid under line item, 22 &

23, depending on the work. No driveway restoration pay item will be added. The concrete aprons along the sidewalk on the north side of US-301 N will be paid under line item 26.

Q12. Pay item # 29 lists vegetation and tree removal. What trees are the EOR calling out to be removed? Please clarify.

R12. This is for incidental purposes only. A possible tree that could affect construction is at STA 211+08 near the watermain and new service installation.

NOTE:

Deleted items will be ~~struck through~~, added or modified items will be underlined. All other terms and conditions remain as stated in the IFBC.

INSTRUCTIONS:

Receipt of this Addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

END OF ADDENDUM

AUTHORIZED FOR RELEASE

| APPENDIX K - BID PRICING FORM REVISED IFBC 23-TA004710ED PROJECT NAME: FRANKLIN AVE & US-301 N WATERMAIN REPLACEMENT PROJECT NUMBER: 6092270 | | | | BID BASED ON 180 CALENDAR DAYS | | BID BASED ON 270 CALENDAR DAYS | |
|---|------------------------------|----------|-----|-----------------------------------|----------------|-----------------------------------|----------------|
| LINE NO. | DESCRIPTION | EST. QTY | U/M | UNIT PRICE | EXTENDED PRICE | UNIT PRICE | EXTENDED PRICE |
| PIPE | | | | | | | |
| 1 | 2" Watermain PVC | 255 | LF | | \$ - | | \$ - |
| 2 | 4" WatermainPVC | 5 | LF | | \$ - | | \$ - |
| 3 | 4" Watermain DIP | 8 | LF | | \$ - | | \$ - |
| 4 | 6" Watermain DIP | 596 | LF | | \$ - | | \$ - |
| FITTINGS | | | | | | | |
| 5 | 4" 45 degree DIP bends | 2 | EA | | \$ - | | \$ - |
| 6 | 6" 90 degree DIP bends | 2 | EA | | \$ - | | \$ - |
| 7 | DIP 6" x 6" x 6" Tee | 2 | EA | | \$ - | | \$ - |
| 8 | 6" x 4" Reducer | 2 | EA | | \$ - | | \$ - |
| 9 | 2" FIP x 2"MIP Coupling | 1 | EA | | \$ - | | \$ - |
| 10 | 4" DI Tapped Cap | 1 | EA | | \$ - | | \$ - |
| 11 | 4" PVC Cap | 1 | EA | | \$ - | | \$ - |
| 12 | 4" Gate Valve | 1 | EA | | \$ - | | \$ - |
| 13 | 6" Gate Valve | 5 | EA | | \$ - | | \$ - |
| SERVICES | | | | | | | |
| 14 | Water Service - Short Single | 1 | EA | | \$ - | | \$ - |
| 15 | Water Service - Short Double | 1 | EA | | \$ - | | \$ - |
| 16 | Water Service - Long Single | 1 | EA | | \$ - | | \$ - |
| 17 | 1" Backflow Preventer | 3 | EA | | \$ - | | \$ - |

| TIE-INS | | | | | | | |
|--|---|-----|----|------------|------|------------|------|
| 18 | Connect to existing 4" Waterline | 1 | EA | | \$ - | | \$ - |
| 19 | Connect to existing 6" Waterline | 1 | EA | | \$ - | | \$ - |
| SITE AND SAFETY CONTROLS | | | | | | | |
| 20 | Pole Holding Allowance | 1 | LS | | \$ - | | \$ - |
| 21 | Traffic Control | 1 | LS | | \$ - | | \$ - |
| RESTORATION AND CLEAN-UP | | | | | | | |
| 22 | Sodding | 300 | SY | | \$ - | | \$ - |
| 23 | Asphalt Road Restoration (mill & overlay) | 300 | SY | | \$ - | | \$ - |
| 24 | Asphalt Road Restoration (Full repair including base) | 203 | SY | | \$ - | | \$ - |
| 25 | Thermoplastic Striping | 1 | LS | | \$ - | | \$ - |
| 26 | Sidewalk Demo & Replacement | 445 | SY | | \$ - | | \$ - |
| 27 | Grout Fill Abandoned Pipe | 1 | CY | | \$ - | | \$ - |
| SUB-TOTAL BASE BID | | | | | | | |
| 28 | Mobilization | 1 | LS | | \$ - | | \$ - |
| 29 | Miscellaneous Vegetation and Tree Removal | 1 | LS | | \$ - | | \$ - |
| 30 | Record Drawings | 1 | LS | | \$ - | | \$ - |
| 31 | Permits | 1 | LS | | \$ - | | \$ - |
| Contract Contingency (Used only with County Approval) | | | | 10% | | 10% | |
| TOTAL CONTRACT AWARD (Including 10% Contract Contingency) | | | | | | | |

Authorized Signature(s): _____

Name and Title of Above Signer(s): _____

Date: _____

*To be considered responsive, it is the sole responsibility of the bidder to correctly calculate and manually enter all sub-total, contingency, and total bid price fields.

UTILITY PERMIT

PERMIT NO: 2021-H-194-00535

STATE ROAD INFORMATION

| | | | | |
|---------------------------|-----------------------------|--------------------------------|--------------------------------------|-----------------------------------|
| County: Manatee | Section: 13020000 | State Road No: SR 43 | Beginning Mile Post: 3.083 | Ending Mile Post: 3.083 |
|---------------------------|-----------------------------|--------------------------------|--------------------------------------|-----------------------------------|

APPLICANT INFORMATION

The Utility Agency Owner (UAO) shall be identified in this Applicant Information Box. When the UAO is a City or County and desires to have the Utility Builder make a joint permit applicant, as prescribed in Section 2.1(4) of the 2017 Utility Accommodation Manual (UAM), the Utility Builder shall also be identified in this Applicant Information Box. A Utility Builder alone cannot apply for a utility permit without the City or County adding them as a joint applicant.

| | | | |
|-----------------------------------|----------------------------------|---|-------|
| Utility Agency/Owner (UAO) | | Utility Builder (only applicable when the UAO is a City or County) | |
| Name: | <u>Manatee County</u> | Name: | _____ |
| Contact Person: | <u>Manatee County</u> | Contact Person: | _____ |
| Address: | <u>1022 26th Avenue East</u> | Address: | _____ |
| City: | <u>Bradenton</u> | City: | _____ |
| State: | <u>Florida</u> | State: | _____ |
| Zip: | <u>34208</u> | Zip: | _____ |
| Telephone: | <u>(941) 708-7450 ext. _____</u> | Telephone: | _____ |
| Email: | <u>scott.may@mymanatee.org</u> | Email: | _____ |

WORK DESCRIPTION

The Applicant(s) requests permission from the Florida Department of Transportation (FDOT) to construct, operate, and maintain the utilities as described below and as depicted in the incorporated documentation.
Franklin Ave & US-301 water Main Replace- Installation of watermain along north side of US-301 in Ellenton, FL. will also directional drill under US-301 at approximately mile marker 2.90

Utility Work No: _____

Additional sheets are attached and are incorporated into this permit Yes No

For FDEP certification, the FDOT agency report is attached in accordance with UAM Section 2.4.1 (13) Yes No

TRAFFIC CONTROL (TCP)

The TCP will comply with the following 600 series index(es) 600

A TCP has been attached and incorporated into this permit application in compliance with UAM Section 2.4.2.

MOT Technician's contact information (may be supplied at the two (2) business day notification to FDOT):
 Name: Matt Merucci Telephone (941) 708-7450 ext. 7342 Email: matt.merucci@mymanatee.org

COMMENCEMENT OF WORK

The UAO and/or Utility Builder shall commence actual construction in good faith within sixty (60) calendar days after approval of the permit application. If the beginning date is more than sixty (60) calendar days from the date of approval, the UAO and/or Utility Builder must review the permit with the FDOT Approving Engineer listed to make sure no changes have occurred to the transportation facility that would affect the permit's continued approval. The UAO and/or Utility Builder shall make good faith efforts to expedite the work and complete the work within the calendar days indicated.

Anticipated Start Date: 2/1/2022

Calendar days needed to completed: 365

Approved
 2021-H-194-00535
 Curtis Vilt
 11/29/2021

Florida Department of Transportation
UTILITY PERMIT

PERMIT NO: 2021-H-194-00535

APPLICANT SIGNATURE

By the below signature(s) the UAO and/or Utility Builder agree(s) to construct, operate, and maintain the work as noted in the above Work Description, shown in plans and incorporated documents, in compliance with the UAM, all instructions noted in the FDOT Special Instructions Box, and special instructions incorporated into this permit. The UAO and/or Utility Builder declares, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans of the work areas. In accordance with UAM Section 2.8, the UAO and/or Utility Builder further declares that a letter of notification was delivered to the owners of other facilities within the work areas and that those listed below are the only facility owners known to be involved or potentially impacted by the proposed work.

| | |
|-----------------|--|
| Date Notified: | Name of other facility owners (attach additional sheets if necessary). |
| <u>8/5/2020</u> | <u>Florida Power and Light</u> |
| <u>8/5/2020</u> | <u>TECO</u> |
| <u>8/5/2020</u> | <u>Charter Communications</u> |
| <u>8/5/2020</u> | <u>Frontier</u> |
| <u>8/5/2020</u> | <u>Verizon</u> |

Utility Agency/Owner

Utility Builder (when applicable)

Signature: SCOTT MAY (digital signature) Date: 11/12/2021
 Name (printed): SCOTT MAY
 Title: _____

Signature: _____ Date: _____
 Name (printed): _____
 Title: _____

FDOT PROJECT INFORMATION

Pursuant to UAM Section 2.1(10), the utility work is within FDOT projects listed below and must have a Utility Work Schedule for each project approved prior to commencement of work within the FDOT project limits:

FDOT construction is proposed or underway. Refer to Financial Project Id: *

1.) Your project falls within the limits of the Manatee County Advanced Traffic Management System (ATMS). The Manatee County ATMS is owned by the FDOT while the County operates and maintains the system as part of the Traffic Signal Maintenance and Compensation Agreement. The ATMS infrastructure within this

FDOT SPECIAL INSTRUCTIONS

In accordance with UAM Section 2.7, FDOT incorporates the below and attached special instructions into this permit.

1.) Permit shall be rendered VOID if Manatee Ops Permits is not NOTIFIED A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO STARTING WORK. Phone: 941-708-4400. Email: curtis.vilt@dot.state.fl.us. Provide permit number and contact information.

2.) If LANE CLOSURE(S) for this Permit are required, the Permittee MUST NOTIFY THE DEPARTMENT TWO WEEKS PRIOR TO STARTING THE LANE CLOSURE. Valerie Everts, 941-

Additional FDOT Special Instructions are attached and incorporated into this permit. Yes No

PERMIT APPROVAL

By signature below, FDOT gives permission to the UAO and /or Utility Builder to construct, operate, and maintain the utilities indicated in this Utility Permit in compliance with the UAM, all incorporated documents, and special instructions. Any changes to the approved work must be approved by the FDOT's Approving Engineer and attached and incorporated into this permit in accordance with UAM Section 2.11.

Approving Engineer: Curtis Vilt (digital signature) Date: 11/29/2021
 Name: Curtis Vilt
 Title: MAINTENANCE MANAGER/PERMITS

Notification of Utility Work to be provided to: Telephone (941) 708-4400 ext. _____ or Email: curtis.vilt@dot.state.fl.us

An FDOT Representative is required to be present on the worksite prior to commencement of work. Yes No

Rep. Name: _____ Telephone _____ Email: _____

Approved
2021-H-194-00535
Curtis Vilt
11/29/2021

Florida Department of Transportation
UTILITY PERMIT

PERMIT NO: 2021-H-194-00535

CERTIFICATION

I, the undersigned UAO and/or Utility Builder, hereby CERTIFY that the utilities were constructed and inspected in compliance with the UAM all incorporated documents, and special instructions. Pursuant to UAM Section 2.11, all changes have been approved by the FDOT's Approving Engineer and incorporated into this permit along with all other material certifications, test results, bore logs, approved plans changes, as-built plans or other required documentation.

I also CERTIFY that work began on _____ and was completed on _____ and that the area was left in as good or better condition than when the work began.

Utility Agency/Owner

Utility Builder (when applicable)

Signature: _____ Date _____

Signature: _____ Date _____

Name (printed): _____

Name (printed): _____

Title: _____

Title: _____

FINAL INSPECTION OF WORK

The work was inspected and found to be in non-compliance as noted below:

All issues of non-compliance listed above have been brought into compliance and/or FDOT has no outstanding issues that need to be addressed by the UAO and/or Utility Builder. However, this final inspection does not release the UAO and/or Utility Builder of their continuing responsibilities pursuant to Rule 14-46.001, the UAM, all incorporated documents, and special instructions.

FDOT Inspector: _____ Date: _____

Name: _____

Title: _____

Approved
2021-H-194-00535
Curtis Vilt
11/29/2021

PERMIT NO.: 2021-H-194-00535

STATE ROAD INFORMATION:

NAME OF OTHER FACILITY OWNERS / DATE NOTIFIED:

FDOT PROJECT INFORMATION:

FDOT construction is proposed or underway. Refer to Financial Project Id: *

1.) Your project falls within the limits of the Manatee County Advanced Traffic Management System (ATMS). The Manatee County ATMS is owned by the FDOT while the County operates and maintains the system as part of the Traffic Signal Maintenance and Compensation Agreement. The ATMS infrastructure within this project's limits includes underground fiber optic communication infrastructure along US 301. I have attached the as-built plans to this comment for your information.

2.) Based on the permit plans, it appears this project will be installing underground infrastructure near the existing ATMS infrastructure. It is the responsibility of this project's contractor to avoid conflicts with the existing underground ATMS infrastructure by, at minimum, locating the facilities prior to installing the new underground infrastructure. Any impacts to the existing ATMS infrastructure that were not identified in this review are the responsibility of the permittee to resolve within this project.

3.) Item Segment Search indicates this permit falls within the limits of FDOT Project: - # 438062-1 . RESURFACE. This work is NOT related to an approved Utility Work Schedule.

THE WORK WAS INSPECTED AND FOUND TO BE IN NON-COMPLIANCE AS NOTED BELOW:

Approved
2021-H-194-00535
Curtis Vilt
11/29/2021

PERMIT NO.: 2021-H-194-00535

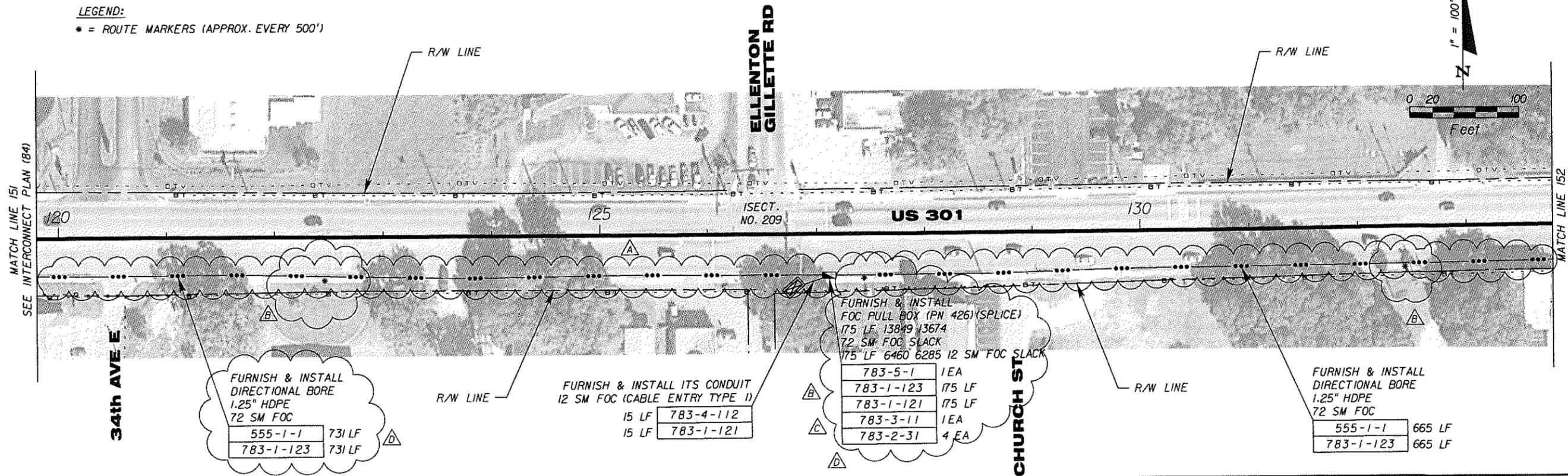
The complete special instructions could not fit in the space allotted on Page 2 of the Utility Permit so they are displayed below.

Special FDOT Instructions

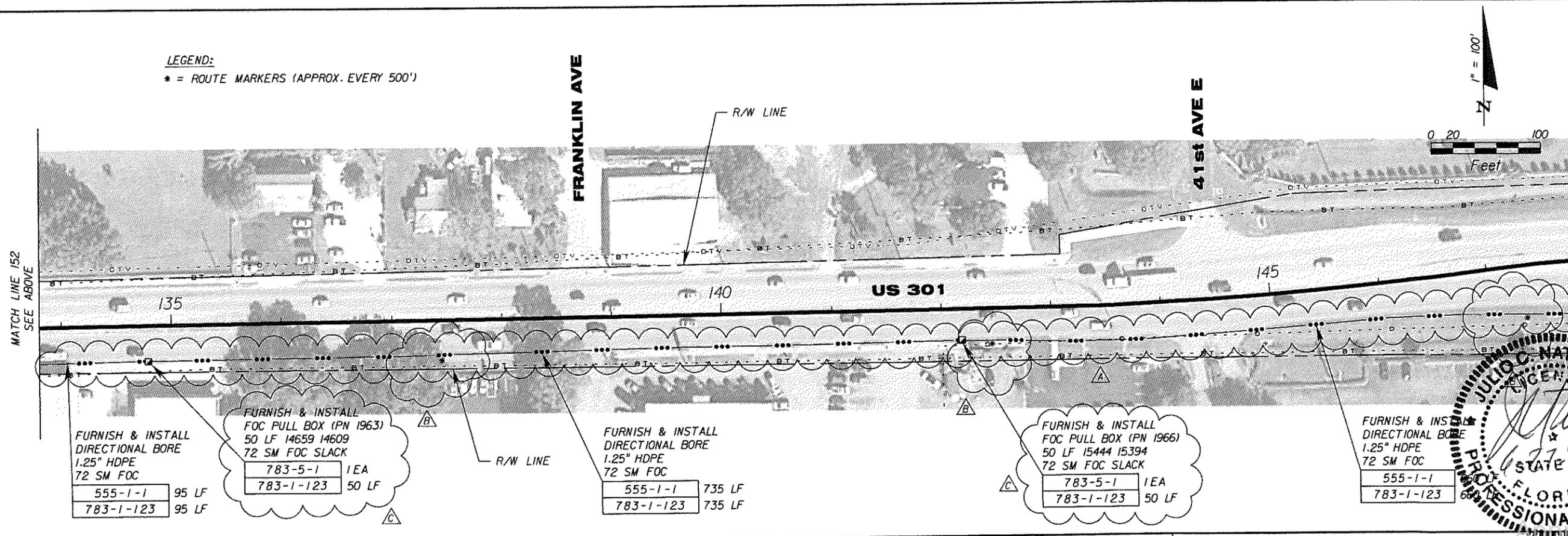
- 1.) Permit shall be rendered VOID if Manatee Ops Permits is not NOTIFIED A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO STARTING WORK. Phone: 941-708-4400. Email: curtis.vilt@dot.state.fl.us. Provide permit number and contact information.
- 2.) If LANE CLOSURE(S) for this Permit are required, the Permittee MUST NOTIFY THE DEPARTMENT TWO WEEKS PRIOR TO STARTING THE LANE CLOSURE. Valerie Everts, 941-708-4433. Email: Valerie.everts@dot.state.fl.us . FAILURE TO COMPLY MAY RESULT IN DELAY TO START WORK
- 3.) If Permit work is being proposed during a FDOT Construction Project, it will be the responsibility of the Permittee to coordinate with the FDOT's Contractor.
- 4.) All disturbed areas within the ROW SHALL BE RESTORED with Sod within SEVENTY-TWO (72) HOURS of completion of work.

Approved
2021-H-194-00535
Curtis Vilt
11/29/2021

LEGEND:
 * = ROUTE MARKERS (APPROX. EVERY 500')



LEGEND:
 * = ROUTE MARKERS (APPROX. EVERY 500')



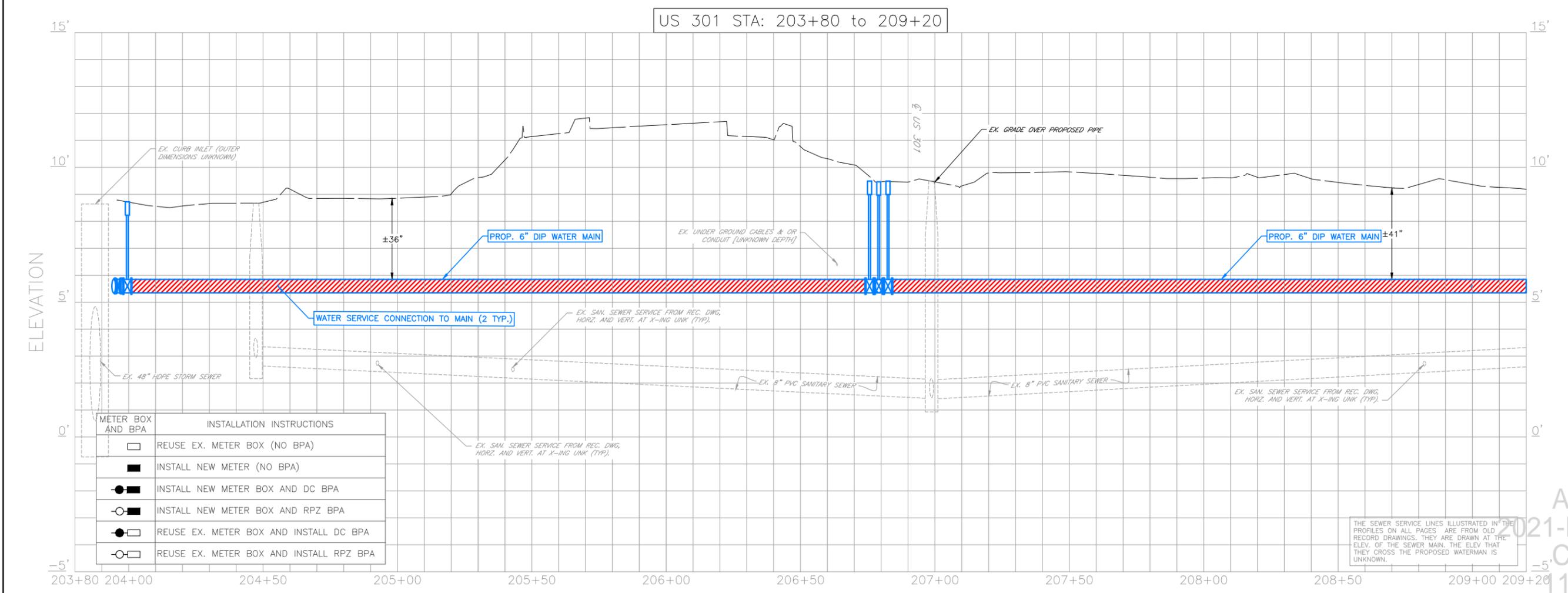
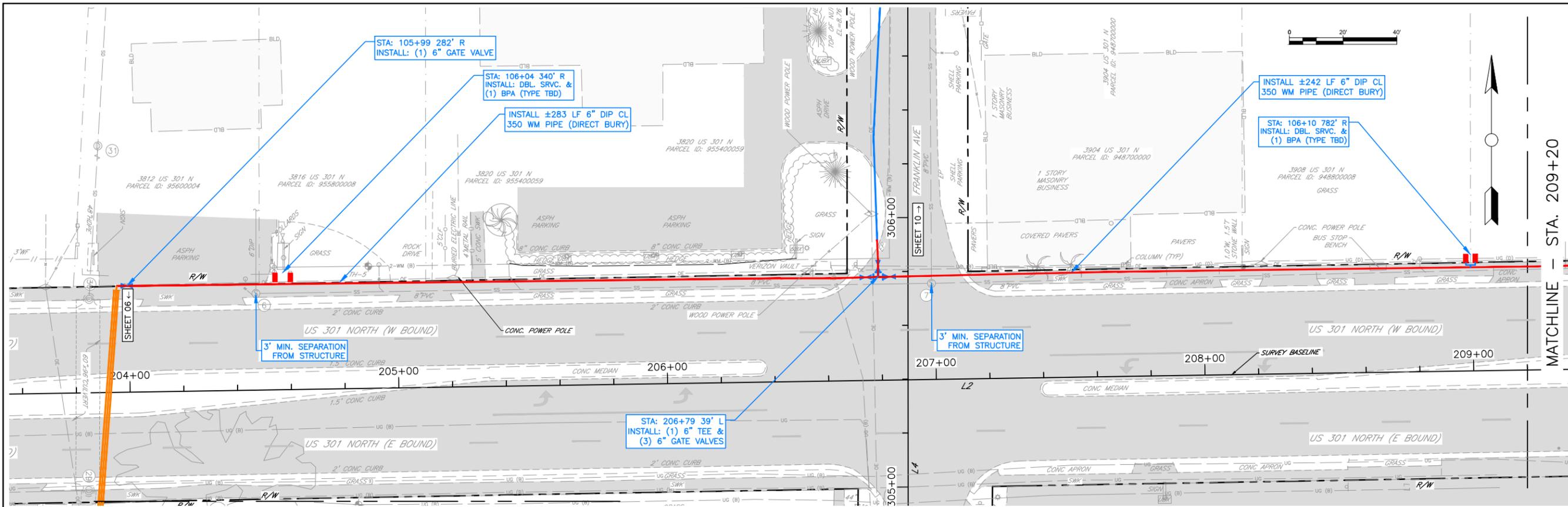
| REVISIONS | |
|-----------|--|
| DATE | DESCRIPTION |
| 06/06/11 | A FIELD ADJUSTMENTS TO CONDUIT AND PULL BOX LOCATIONS |
| 03/01/12 | B ADJUSTMENTS TO FOC SLACK IN PULL BOX AND ADDED ROUTE MARKERS |
| DATE | DESCRIPTION |
| 04/06/12 | C ADDED SEQUENTIALS |
| 06/05/12 | D UPDATED SEQUENTIALS AND FIBER LENGTHS |

TRANSCORE
 5858 South Semoran Blvd.
 Orlando, FL 32822
 Cert. of Authorization No. 8070
 Julio Natareno, P.E. No. 58716

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|---------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| --- | MANATEE | 426635-1-52-01 |

INTERCONNECT PLAN (85)
 US 301
 SHEET NO. 17-214
 2021-H-194-00535
 Curtis Vilt
 11/29/2021

FRANKLIN AVE & 301 NORTH WATER MAIN REPLACEMENT PROJECT US 301 PLAN & PROFILE



| METER BOX AND BPA | INSTALLATION INSTRUCTIONS |
|-------------------|---|
| | REUSE EX. METER BOX (NO BPA) |
| | INSTALL NEW METER (NO BPA) |
| | INSTALL NEW METER BOX AND DC BPA |
| | INSTALL NEW METER BOX AND RPZ BPA |
| | REUSE EX. METER BOX AND INSTALL DC BPA |
| | REUSE EX. METER BOX AND INSTALL RPZ BPA |

| NO. | REVISION DESCRIPTION | BY | DATE |
|-----|----------------------|----|------|
| | | | |
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| | | | |

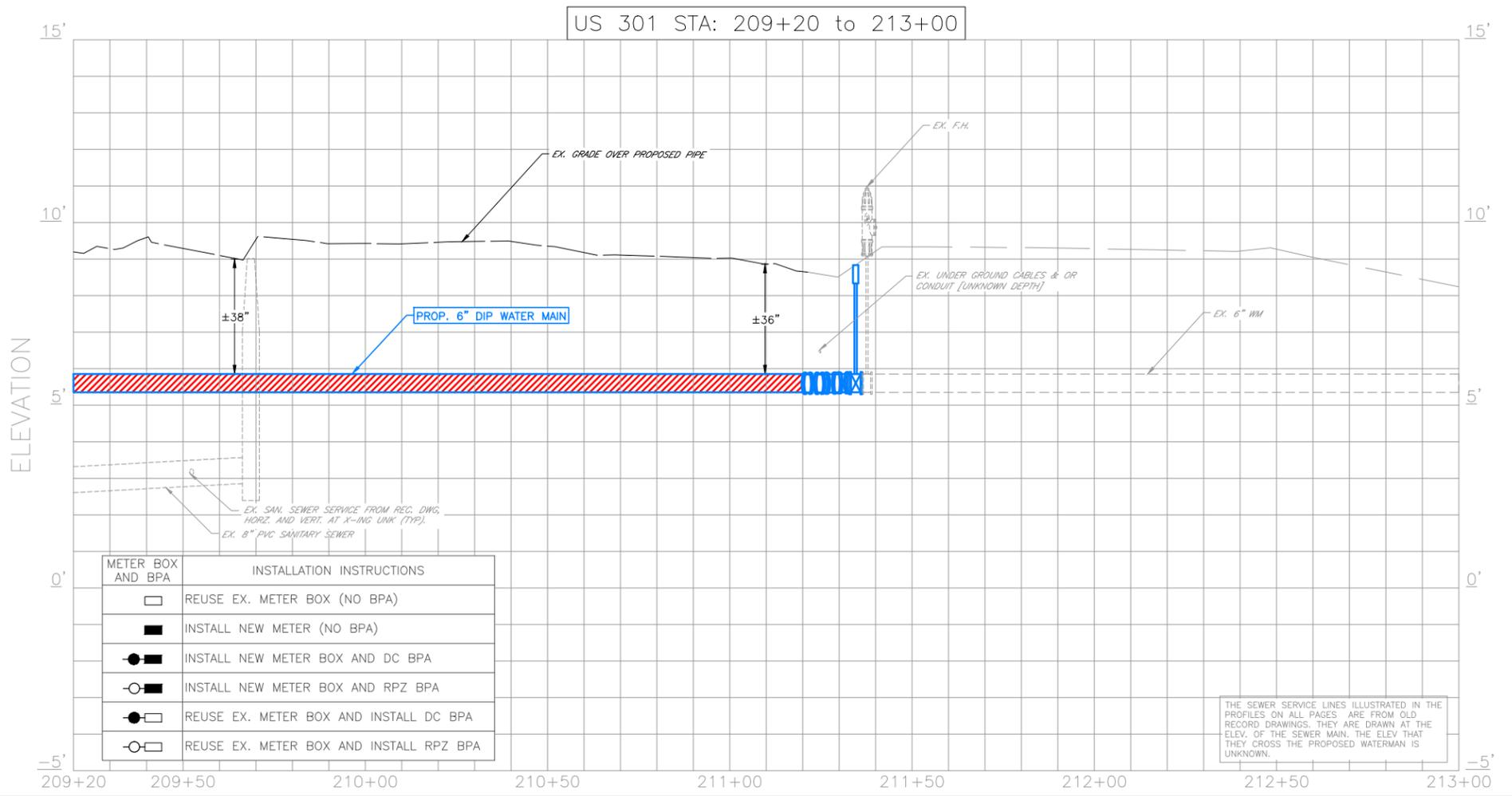
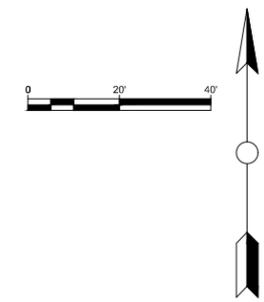
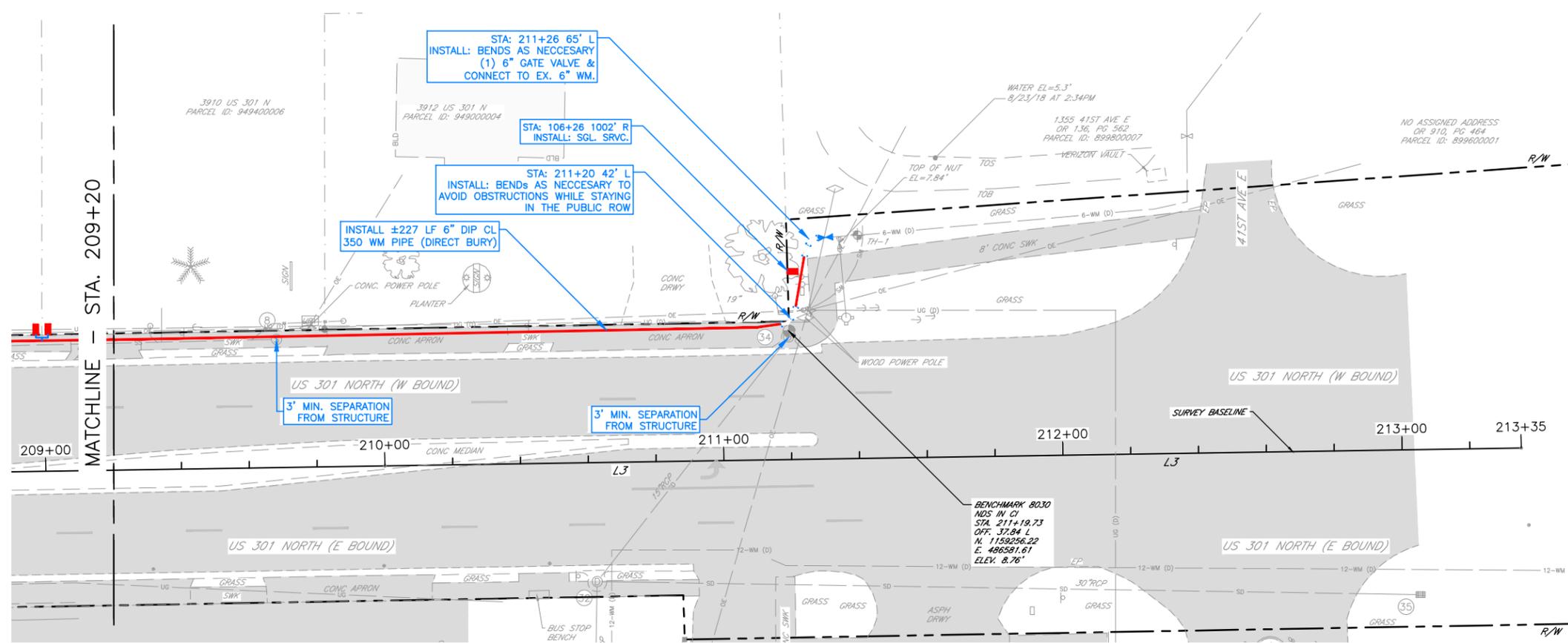
| | |
|--|-------------|
| PROJECT # | 404-6092270 |
| SURVEY # | 0577-0043 |
| SEC./TWN./RGE | 17-34S-18E |
| SCALE | SEE PLAN |
| SURVEYED | JTP 08/2018 |
| DESIGNED | AG 02/2021 |
| DRAWN | AG 02/2021 |
| CHECKED | AG 02/2021 |
| ALEJANDRO GONZALEZ, P.E. FLORIDA P.E. # 79278 | |

Approved
2021-H-194-00535
Curtis Vilt
Signature & Date
1/20/21
SHEET 5 OF 6



PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

FRANKLIN AVE & 301 NORTH WATER MAIN REPLACEMENT PROJECT US 301 PLAN & PROFILE



| METER BOX AND BPA | INSTALLATION INSTRUCTIONS |
|-------------------|---|
| | REUSE EX. METER BOX (NO BPA) |
| | INSTALL NEW METER (NO BPA) |
| | INSTALL NEW METER BOX AND DC BPA |
| | INSTALL NEW METER BOX AND RPZ BPA |
| | REUSE EX. METER BOX AND INSTALL DC BPA |
| | REUSE EX. METER BOX AND INSTALL RPZ BPA |

THE SEWER SERVICE LINES ILLUSTRATED IN THE PROFILES ON ALL PAGES ARE FROM OLD RECORD DRAWINGS. THEY ARE DRAWN AT THE ELEV. OF THE SEWER MAIN. THE ELEV. THAT THEY CROSS THE PROPOSED WATERMAIN IS UNKNOWN.

| NO. | REVISION DESCRIPTION | BY | DATE |
|-----|----------------------|----|------|
| | | | |
| | | | |
| | | | |

| | |
|---------------|-------------|
| PROJECT # | 404-6092270 |
| SURVEY # | 0577-0043 |
| SEC./TWN./RGE | 17-34S-18E |
| SCALE | SEE PLAN |
| SURVEYED | JTP 08/2018 |
| DESIGNED | AG 02/2021 |
| DRAWN | AG 02/2021 |
| CHECKED | AG 02/2021 |

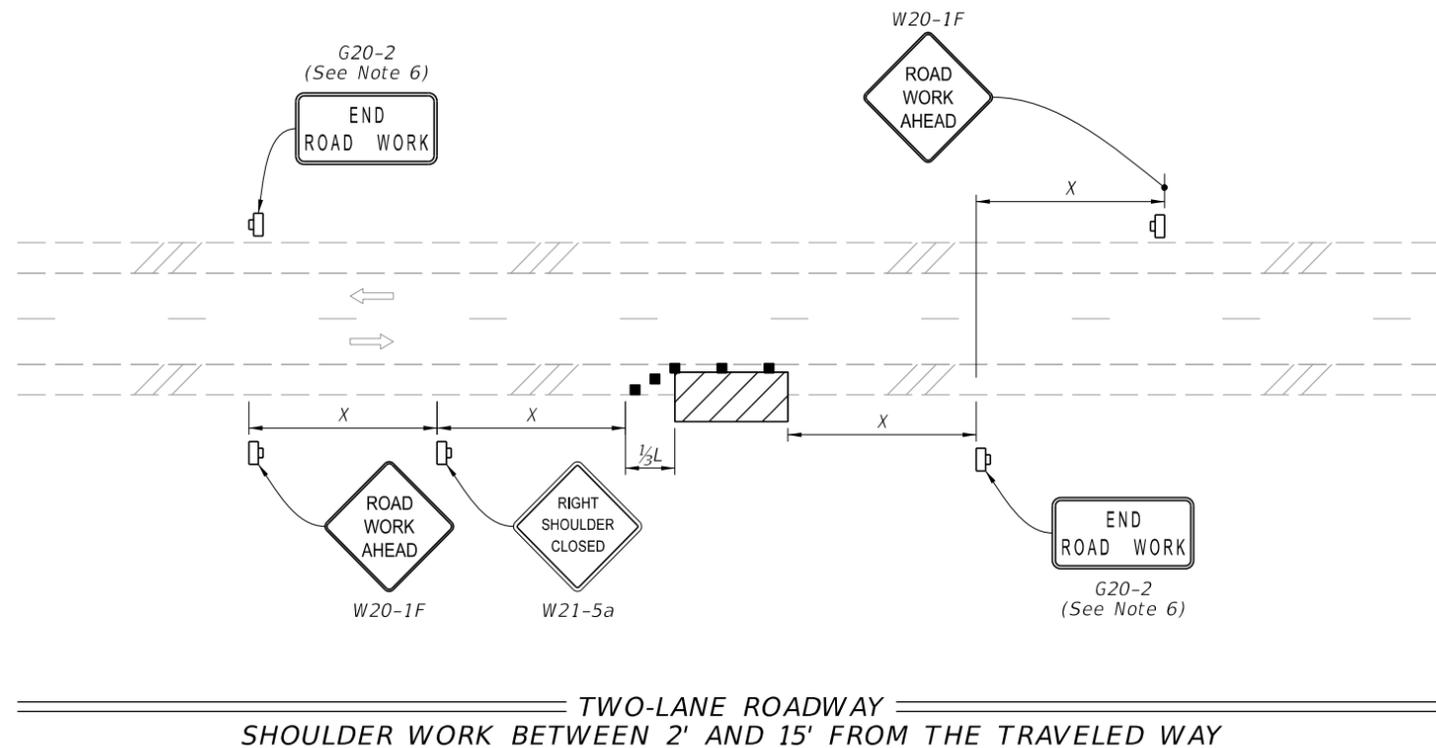
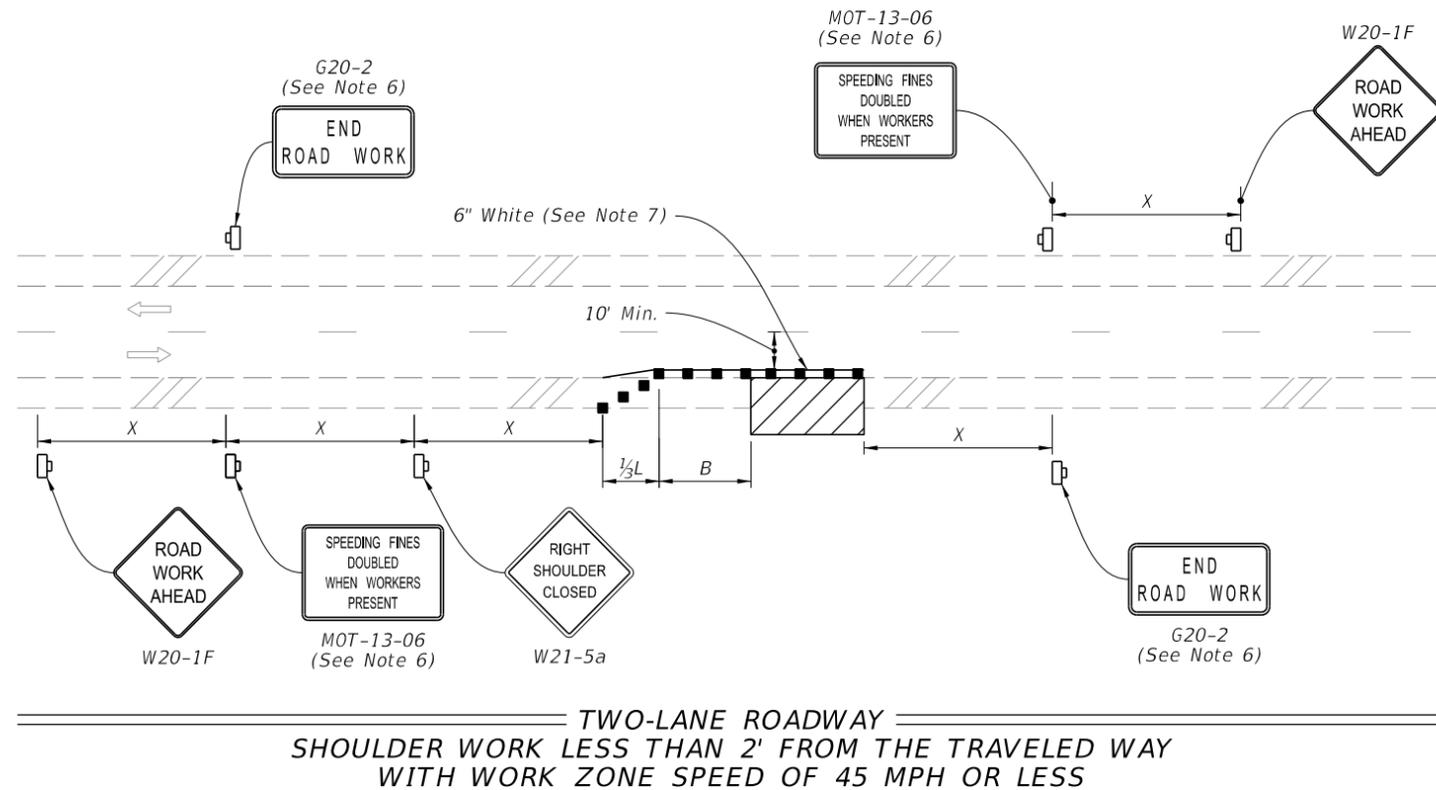
ALEJANDRO GONZALEZ, P.E.
FLORIDA P.E. # 79278
Signature & Date
11/20/21

NOTES:

1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
2. L = Taper Length
X = Work Zone Sign Spacing
B = Buffer Length
See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
3. For incidental work (e.g. mowing or litter removal), only the Road Work Ahead sign is required.
4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
5. For work less than two feet from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the temporary condition is in place for 24 hours or less.
7. Temporary pavement markings may be omitted when the work zone is in place for 3 days or less.
8. If the work encroaches on a marked bicycle lane or rideable shoulder, close the lane or shoulder in accordance with the Plans.
9. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median

SYMBOLS:

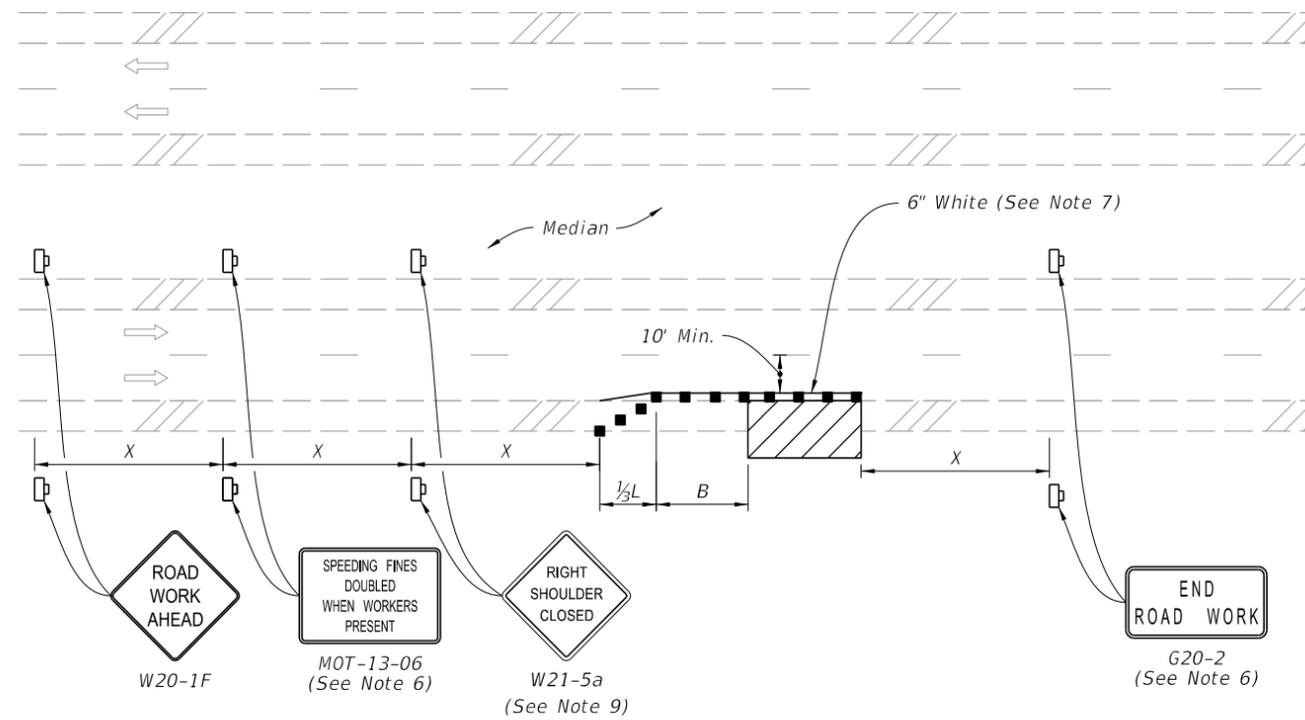
-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Lane Identification and Direction of Traffic



10/9/2020 1:18:37 PM

Approved
2021-H-194-00535
Curtis Vilt
11/29/2021
INDEX SHEET
102-602 1 of 2

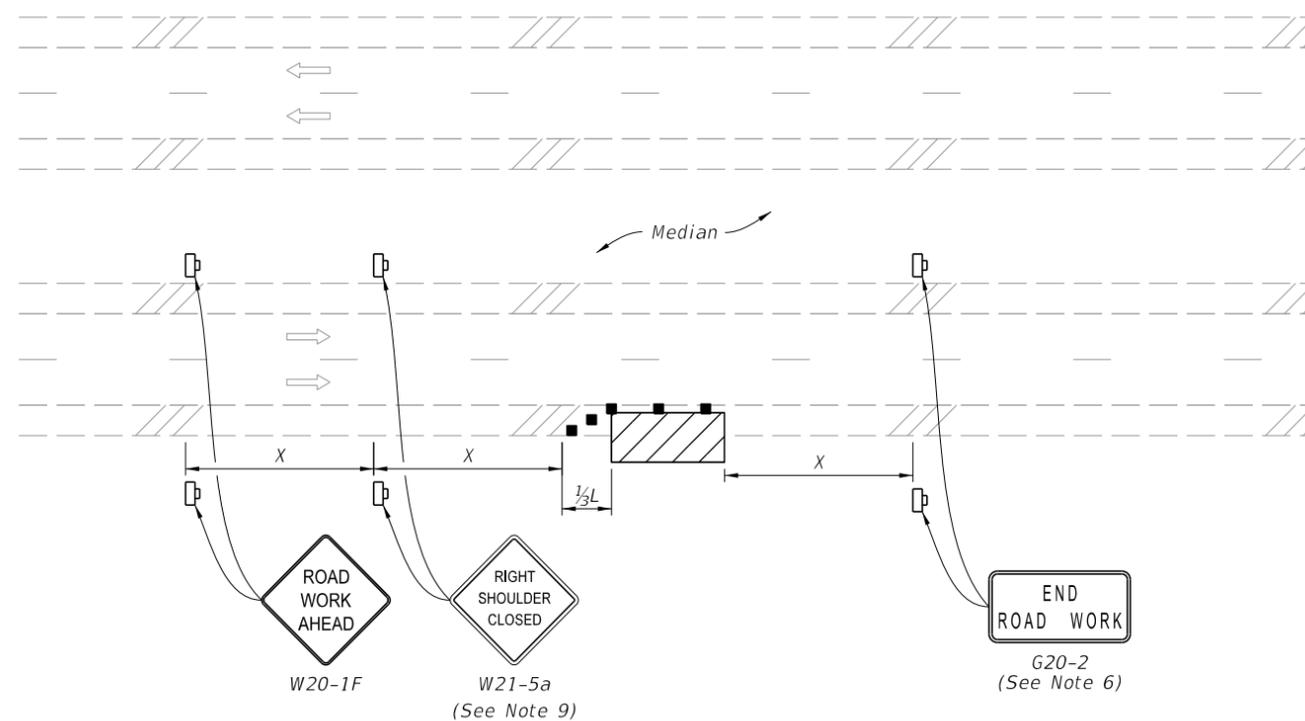
| | | |
|---------------------------|----------|--------------|
| LAST REVISION 11/01/20 | REVISION | DESCRIPTION: |
|---------------------------|----------|--------------|



SYMBOLS:

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Lane Identification and Direction of Traffic

MULTILANE ROADWAY
 SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
 WITH WORK ZONE SPEED OF 45 MPH OR LESS



MULTILANE ROADWAY
 SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

10/9/2020 1:18:48 PM

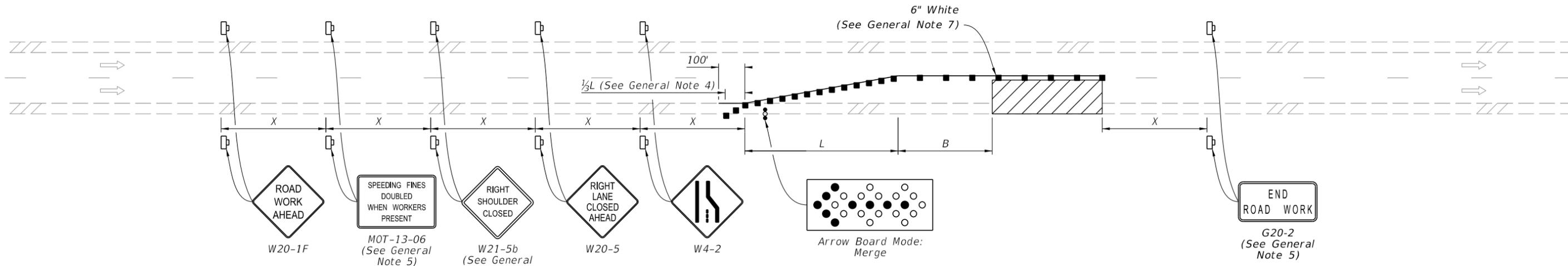
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| LAST REVISION | 11/01/20 | REVISION | DESCRIPTION: |
|---------------|----------|----------|--------------|



FY 2021-22
 STANDARD PLANS

TWO-LANE AND MULTILANE, WORK ON SHOULDER

Approved
 2021-H-194-00535
 Curtis Vilt
 11/29/2021
 INDEX SHEET
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SINGLE LANE CLOSURE

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic
- Arrow Board

GENERAL NOTES:

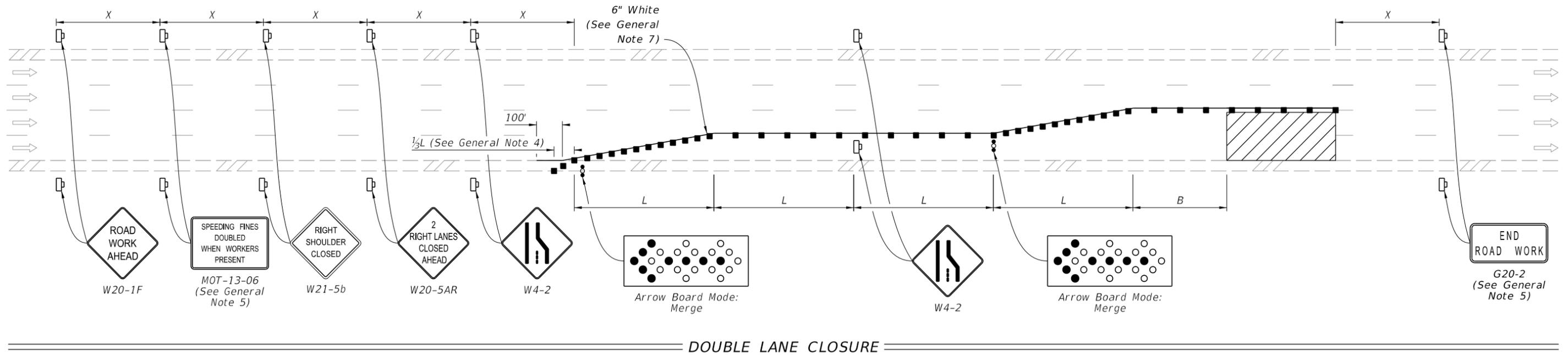
1. L = Taper Length
B = Buffer Length
X = Work Zone Sign Distance
See Index 102-600 for "L", "B", "X", and channelizing device spacing values.
2. On undivided highways the median signs as shown are to be omitted.
3. On limited access facilities, omit "Shoulder Closed Ahead" signs (W21-5b) and associated work zone sign spacing distances.
4. If the paved shoulder is less than 4' in width, omit the taper and channelizing devices from the paved shoulder.
5. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2) and "Shoulder Closed Ahead" (W21-5b), along with associated work zone sign distances, may be omitted when the work zone will be in place for 24 hours or less. For Single Lane Closures, arrow boards and buffer (B) may also be omitted when the work zone will be in place for 60 minutes or less and the speed limit is 45 mph or less.
6. Use inverted plan of the illustrations for work on left side of roadways.
7. Temporary pavement markings may be omitted when the work zone is in place for 3 days or less.
8. If the work encroaches on a marked bicycle lane or rideable shoulder, close the lane or shoulder in accordance with the Plans.

10/12/2020 6:19:37 AM

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2021-H-194-00535
Curtis Vilt
11/29/2021
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SYMBOLS:

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Lane Identification and Direction of Traffic
-  Arrow Board

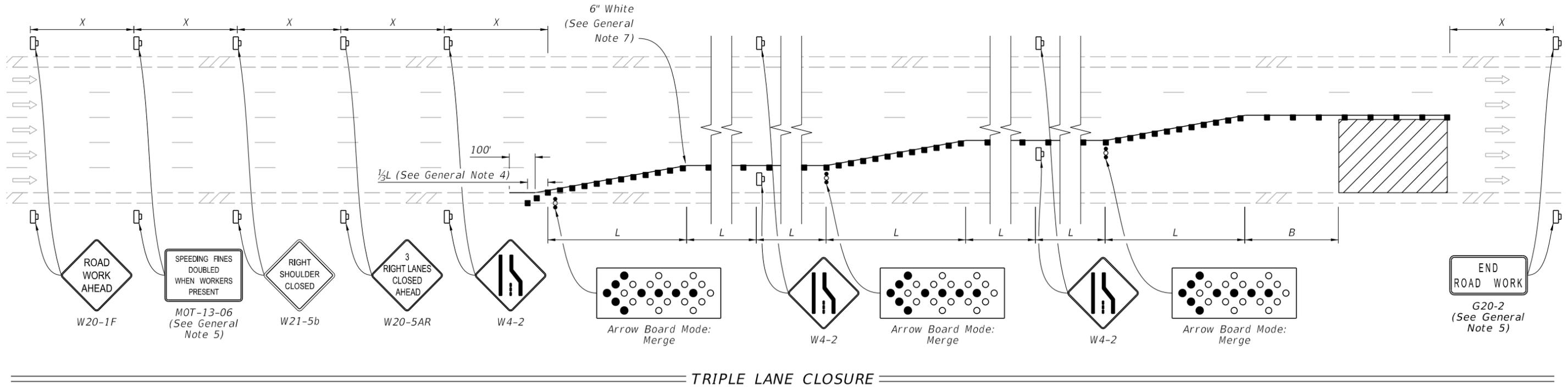
Approved
 2021-H-194-00535
 Curtis Vilt
 11/29/2021
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| 11/01/20 | |



FY 2021-22
 STANDARD PLANS

MULTILANE ROADWAY, LANE CLOSURES



TRIPLE LANE CLOSURE

SYMBOLS:

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Lane Identification and Direction of Traffic
-  Arrow Board

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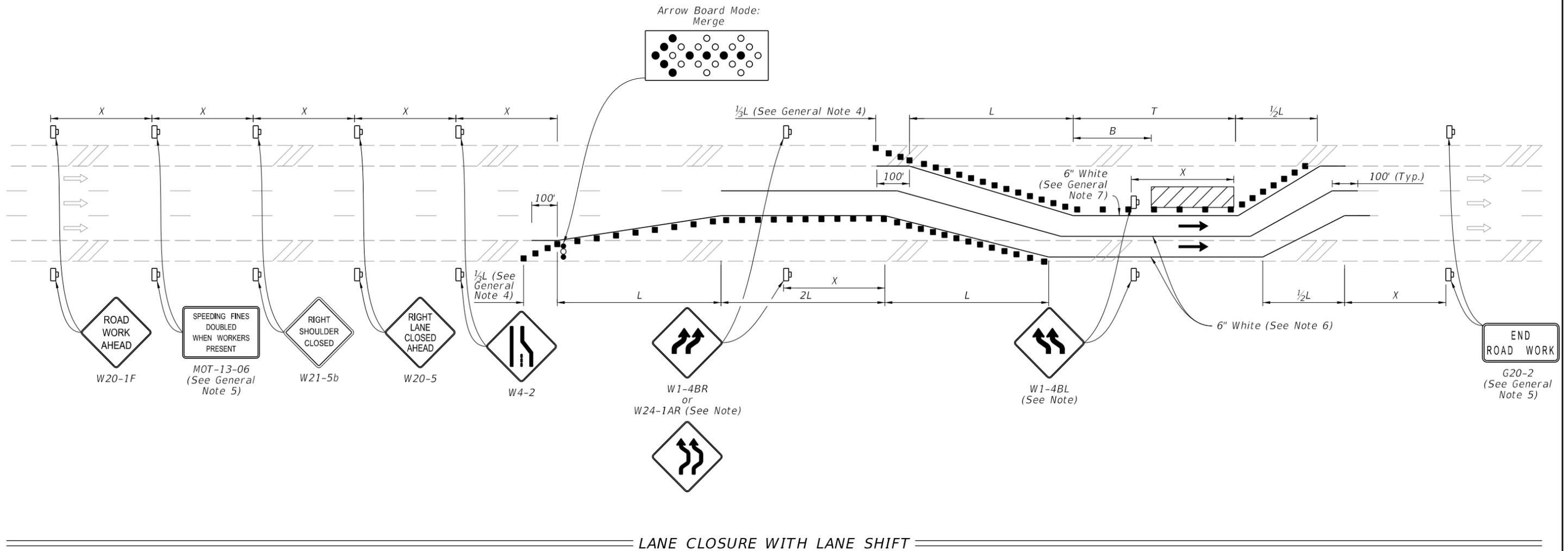


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 STANDARD PLANS

MULTILANE ROADWAY, LANE CLOSURES

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LANE CLOSURE WITH LANE SHIFT

SYMBOLS:

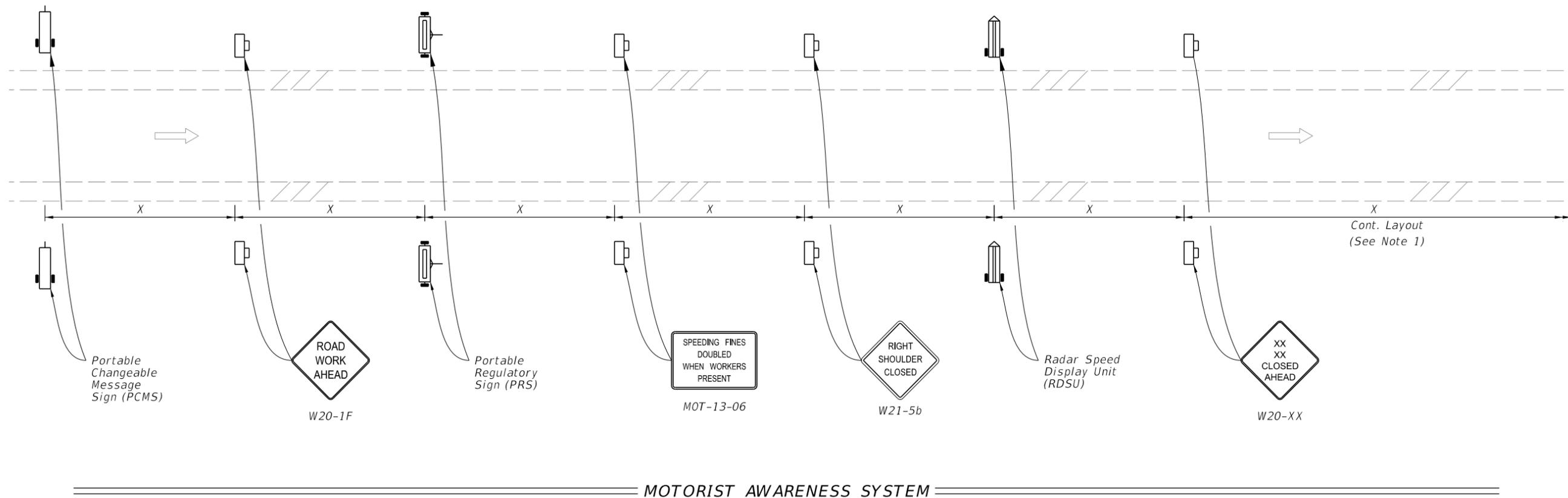
- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic
- Arrow Board

NOTE:

If the tangent distance "T" is less than 600', then use "Double Reverse Curve" signs (W24-1A) instead of the first pair of "Reverse Curve" signs (W1-4B) and omit the second pair of "Reverse Curve" signs.

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MOTORIST AWARENESS SYSTEM

SYMBOLS:

-  Work Zone Sign
-  Lane Identification and Direction of Traffic
-  (1) PCMS= Portable Changeable (Variable) Message Sign
-  (2) PRS= Portable Regulatory Sign-Speed Limit When Flashing
-  (2) RSDU= Radar Speed Display Unit

NOTES:

1. When called for in the Plans, use the Motorist Awareness System (MAS) in accordance with the Plans and this Index. When using this detail, locate the MAS devices (i.e., PCMS, PRS, and RDSU) within the advance warning signs as shown. Continue with the remainder of the work zone signs and devices in accordance with the Plans or Standard Plans after the appropriate "Lane Closed Ahead" (W20-XX) sign.
2. For a posted speed of 65 mph or greater, display speed with a ten mph reduction. For a posted speed of 60 mph, display a reduced speed of 55 mph. For areas outside of the lane closure, use the posted speed as the work zone speed.
3. Omit the PCMS in the median for roadways with three lanes or less in the same direction of traffic.

TYPICAL PCMS DISPLAY:

- With speed reduction:
 Message 1: WORKERS PRESENT AHEAD
 Message 2: SPEED REDUCED NEXT XXMI
- Without speed reduction:
 Message 1: WORKERS PRESENT AHEAD
 Message 2: NEXT XX MILES

10/12/2020 6:19:58 AM

Approved
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 Curtis Vilt
 11/29/2021

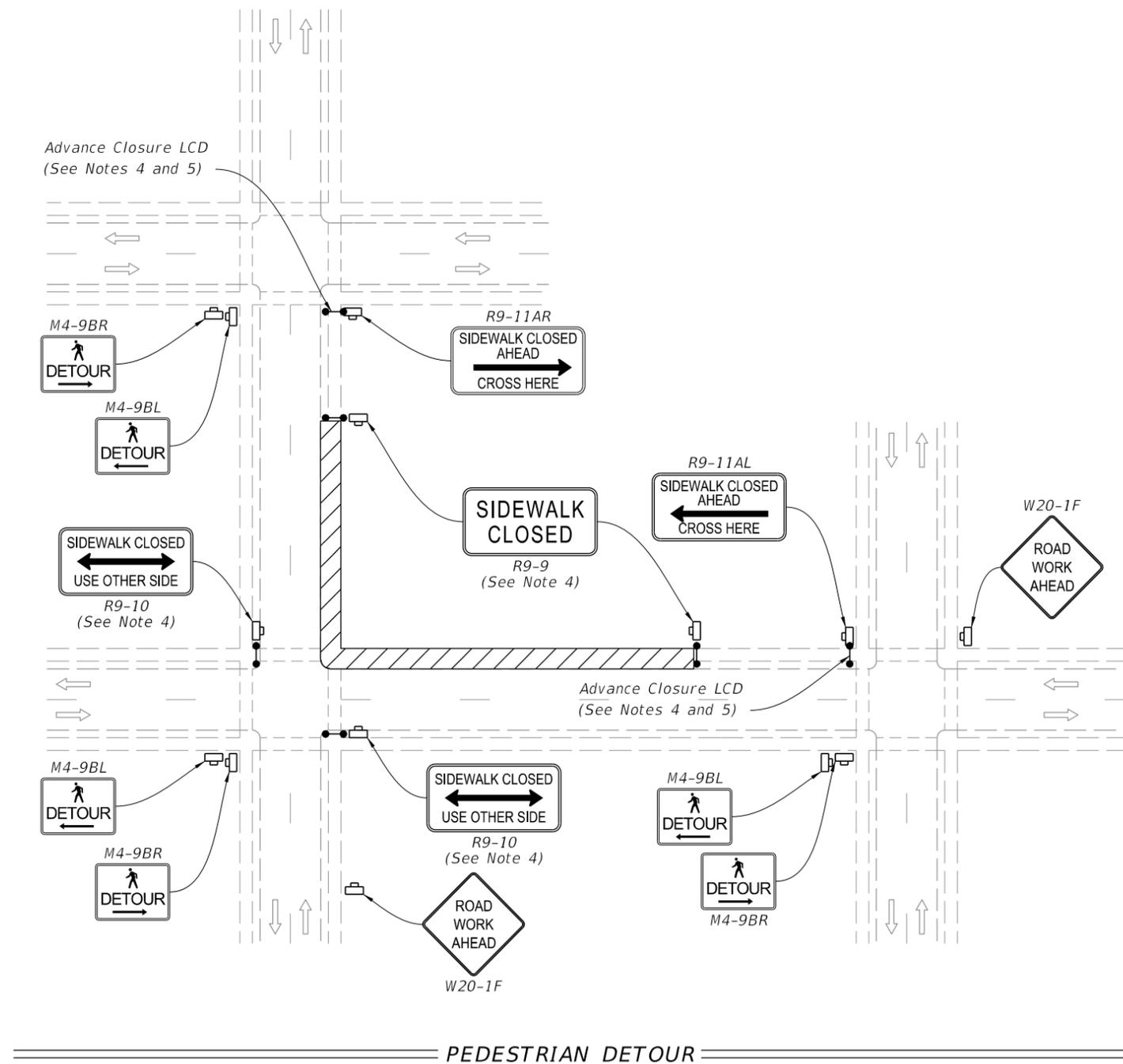
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NOTES:

1. Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
2. Place pedestrian LCDs across the full width of the closed sidewalk.
3. For post mounted signs located near or adjacent to a sidewalk, maintain a minimum 7' clearance from the bottom of the sign panel to the surface of the sidewalk.
4. "Sidewalk Closed" signs (R9-XX) may be mounted on pedestrian LCDs in accordance with the manufacturer's instructions.
5. Omit the Advance Closure LCD if it blocks access to other pedestrian facilities (e.g., transit stops, residences, or business entrances).

SYMBOLS:

-  Work Area
-  Work Zone Sign
-  Lane Identification and Direction of Traffic
-  Pedestrian Longitudinal Channelizing Device (LCD)



10/12/2020 6:24:02 AM

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2021-H-194-00535
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11/29/2021
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| LAST REVISION 11/01/20 | REVISION | DESCRIPTION: |
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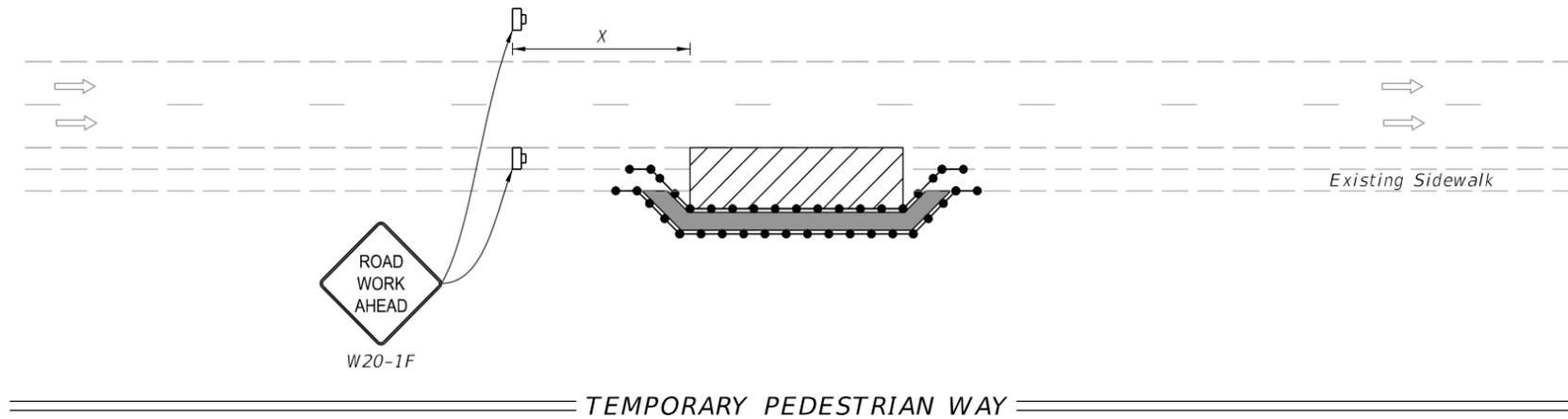
 **FY 2021-22
STANDARD PLANS**

SIDEWALK CLOSURE

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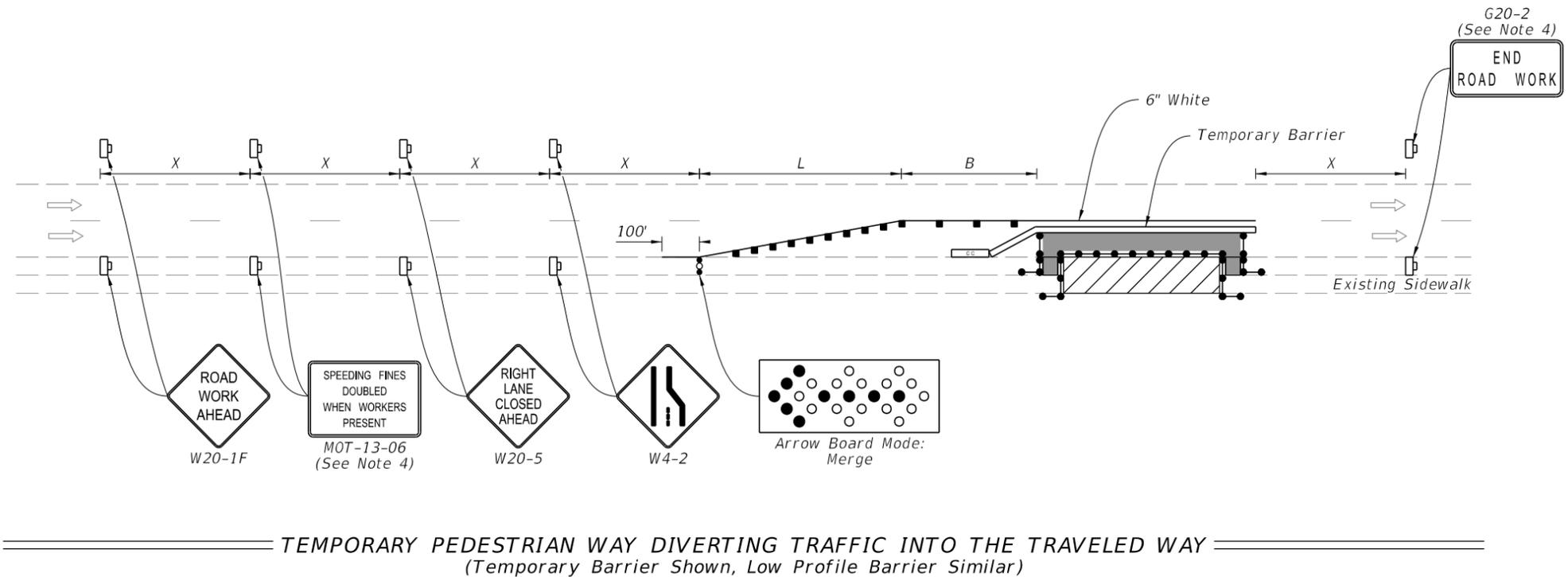
NOTES:

1. L=Taper Length
B=Buffer Length
X=Work Zone Sign Distance
See Index 102-600 for "L", "B", "X", channelizing device spacing values.
2. Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4". Provide a 5' x 5' passing space for temporary pedestrian ways less than 5' in width at intervals not to exceed 200'.
3. When temporary pedestrian ways require curb ramps, meet the requirements of Index 522-002. Detectable warnings are not required for curb ramps diverting pedestrian traffic into a closed lane.
4. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work zone will be in place for 24 hours or less.



SYMBOLS:

- Work Area
- Temporary Pedestrian Way
- Channelizing Device (See Index 102-000)
- Work Zone Sign
- Lane Identification and Direction of Traffic
- Pedestrian Longitudinal Channelizing Device (LCD)
- Arrow Board
- Crash Cushion



10/12/2020 6:24:07 AM

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2021-H-194-00535
Curtis Vilt
11/29/2021
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| LAST REVISION 11/01/20 | DESCRIPTION: |
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**FY 2021-22
STANDARD PLANS**

SIDEWALK CLOSURE

| | |
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Alejandro Gonzalez

From: Hallman, James C <James.Hallman@charter.com>
Sent: Thursday, August 6, 2020 7:53 AM
To: Alejandro Gonzalez
Subject: RE: [EXTERNAL] Utility mark-up Request - US 301 N in Ellenton, FL & Franklin Ave

Alejandro,

Jim Cruzan is handling this and is aware. He has this information.

Jim



Jim Hallman | Field Engineer | 941-737-1062
5413 State Rd. 64 E | Bradenton, FL 34243

From: Alejandro Gonzalez <bounces@e-builder.net>
Sent: Wednesday, August 5, 2020 2:34 PM
To: Hallman, James C <James.Hallman@charter.com>
Subject: [EXTERNAL] Utility mark-up Request - US 301 N in Ellenton, FL & Franklin Ave

CAUTION: The e-mail below is from an external source. Please exercise caution before opening attachments, clicking links, or following guidance.

Franklin Avenue & US 301 N Loop.

| | |
|------|---|
| From | Alejandro Gonzalez |
| To | Alicia.Lamothe1@ftr.com; djshanahan@tecoenergy.com; greg.coker@fpl.com; investigations@verizon.com; James.Cruzan@charter.com; James.Fleming@charter.com; James.Hallman@charter.com; jdomning@tecoenergy.com; Joel.Bray@fpl.com; |
| CC | bruce.robertson@mymanatee.org; |

Approved
2021-H-194-00535
Curtis Vilt
11/29/2021

Utility Agency Representative:

Manatee County Utility Operations will be installing approximately 2,400 lineal feet of new watermain in portions of the 301N in Ellenton, FL as well as along Central Ave (37th Ave), and Franklin Ave (39th Ave). During the design of the project we wish to avoid all other underground utilities. The project Engineer of Record is Alex Gonzalez P.E..

We request that you mark the LINKED plans with your companies utilities and return to us by August 20, 2020.

Alternatively, the location of your existing utilities could be sent via electronic file formats such as CAD, DWG, DGN, DXF, SHP, PDF.

Our Surveyor has attempted to locate and identify underground utilities in the project area.

Please indicate which of the illustrated utilities belong to your company and that they are complete and accurate.

The markups you provide are highly valued and appreciated. We make every effort to avoid impact to other utilities from the early design phase onward.

Documents

1. [Franklin WM 30 design plans.pdf](#)

e-Builder Technical Support

phone: 1-888-288-5717 fax: 1-888-576-9322

support@e-builder.net

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FLORIDA DEPARTMENT OF TRANSPORTATION STORMWATER POLLUTION PREVENTION



The Law

The Federal Clean Water Act was established in 1972 to protect our waterways. As a result, the National Pollutant Discharge Elimination System (NPDES) program was developed. The NPDES permit program addresses water pollution by regulating point sources that discharge pollutants to surface waters. The Florida Department of Environmental Protection (FDEP) administers the NPDES program for Municipal Separate Storm Sewer Systems (MS4) and Construction activities.

CONSTRUCTION ACTIVITIES

➤ Is your construction site regulated?

Yes, if your construction activity will ultimately disturb one acre or more and has the potential to discharge stormwater to surface waters or into a MS4. Disturbance includes clearing, grading, excavation, and demolition.

➤ What are you required to do?

- ✓ Prepare and implement a Stormwater Pollution Prevention Plan (SWPPP)
- ✓ Submit a Notice of Intent (NOI or application) and the appropriate fee to FDEP
- ✓ Submit a Notice of Termination (NOT) to FDEP and to the local MS4 once the site meets the eligibility requirements for termination

For more information on NPDES Stormwater Construction Activities, contact FDEP for more information at (866) 336-6312 or visit <http://www.dep.state.fl.us/water/stormwater/index.htm>.

HOW CAN YOU HELP STOP STORMWATER POLLUTION?

- ✓ Do not pour oil or any chemicals down any storm drain or in the street
- ✓ Use fertilizers and herbicides carefully and only use the recommended amount*
- ✓ Report illicit discharges**
- ✓ Recycle used oil and dispose of chemicals properly. For more information on the proper disposal of wastes contact FDEP at (850) 245-8707 or visit: <http://www.dep.state.fl.us/waste/categories/hwRegulation/>
- ✓ Maintain proper sediment and erosion controls on your construction site



| | | | | | |
|--|----------------|----------------|------------------------|---|----------------|
| *Contact your County Agricultural Extension Office for answers to your pest and weed problems. | | | | ** Illicit Discharges: Report any material other than stormwater being discharged into a storm drain or into the street. | |
| County Agricultural Extension Office | | | | County / FDOT Environmental Contacts | |
| Charlotte Co. | (941) 764-4340 | Highlands Co. | (863) 402-6540 | Charlotte Co. | (941) 575-3632 |
| Collier Co. | (239) 252-4800 | Lee Co. | (239) 533-7505 | Highlands Co. | (863) 402-6500 |
| DeSoto Co. | (863) 993-4846 | Manatee Co. | (941) 722-4524 | Lee County | (239) 533-9400 |
| Glades Co. | (863) 946-0244 | Okeechobee Co. | (863) 763-6469 | Manatee County | (941) 748-4501 |
| Hardee Co. | (863) 773-2164 | Polk Co. | (863) 519-8677 | Polk County | (863) 534-7377 |
| Hendry Co. | (863) 674-4092 | Sarasota Co. | (941) 861-9900 | Sarasota County | (941) 861-5000 |
| | | | | FDOT Right of Way | (863) 519-2762 |
| FDOT MAINTENANCE YARDS | | | SPILL REPORTING | State Watch Office (Spill Report Hotline typically 25 gallons or more) | (800) 320-0519 |
| Arcadia Operations | | (863) 993-4634 | | | |
| Bartow Operations | | (863) 519-4100 | | | |
| Fort Myers Operations | | (239) 985-7800 | | | |
| Labelle Operations | | (863) 674-4027 | | | |
| Manatee Operations | | (941) 708-4400 | | | |
| Sebring Operations | | (863) 386-6104 | | | |
| For more information on NPDES stormwater regulations, please contact, FDOT District Maintenance, at (863) 519-2762 | | | | | |

GENERAL COMMENT STAMPS

THE FDOT MUST BE NOTIFIED TWO (2) BUSINESS DAYS IN ADVANCE OF STARTING WORK AND THAT NO LANE CLOSURES ARE REQUIRED BY CONTACTING (941)708-4400. FAILURE TO CALL MAY RESULT IN A DELAY TO BEGIN WORK.

IF A LANE CLOSURE IS WITHIN THE PROJECT LIMITS, THE PERMITTEE MUST NOTIFY THE FDOT TWO (2) WEEKS PRIOR TO A LANE CLOSURE TO ALLOW THE FDOT TO INFORM THE MOTORING PUBLIC. FAILURE TO CALL MAY RESULT IN A DELAY TO BEGIN WORK.

LANE CLOSURES AND/OR WORK ACTIVITIES MAY BE RESTRICTED BY THE FDOT DUE TO HEAVY TRAFFIC AND THE POTENTIAL FOR BACKUPS CAUSED BY THESE ACTIVITIES. NIGHT WORK WILL BE REQUIRED AS THE ALTERNATE TIME FOR THESE ACTIVITIES.

THE PERMITTEE IS RESPONSIBLE FOR NOTIFYING OWNERS OF ALL EXISTING AERIAL AND UNDERGROUND UTILITIES OF A PROPOSED DRIVEWAY AND RESOLVING ANY CONFLICTS BEFORE CONSTRUCTION BEGINS.

IN ACCORDANCE WITH FL STATUTE 335.18, THE PERMITTEE SHALL BE REQUIRED TO BEAR THE COST OF FUTURE ACCESS MODIFICATIONS, TRAFFIC CONTROL DEVICES OR OTHER IMPROVEMENTS, WHEN DETERMINED BY THE FDOT TO BE IN CONJUNCTION WITH ACCEPTED ENGINEERING PRACTICES.

ALL LANE CLOSURES, CONSTRUCTION AND MAINTENANCE ACTIVITIES IN FDOT'S RIGHT-OF-WAY SHALL CONFORM TO THE CURRENT FHWA'S MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE CURRENT FDOT'S STANDARD PLANS FOR ROAD CONSTRUCTION.

THE PERMITTEE MUST WAIT FOURTEEN (14) DAYS TO ALLOW ASPHALT FRICTION COURSE TO CURE BEFORE PLACING THERMOPLASTIC PAVEMENT MARKINGS.

ALL CONTRACTORS/SUBCONTRACTORS OF THE PERMITTEE SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE PERMITTED M.O.T. PLAN.

ALL PORTIONS OF DISTURBED RIGHT-OF-WAY WILL BE SODDED WITHIN SEVENTY-TWO (72) HOURS OF COMPLETION OF WORK.

ALL ABOVE GROUND APPURTENANCES ARE TO BE LOCATED AT FDOT'S RIGHT-OF-WAY LINE.

COMPACTION, DENSITY TESTING AND THEIR REPORTS ARE TO BE COMPLETED AND SUBMITTED PRIOR TO PLACEMENT OF ANY PAVEMENT.

PRIOR TO EXCAVATING, CONTACT THE CLERK OF THE CIRCUIT COURT FOR POSSIBLE GASOLINE CONFLICTS.

THE APPLICANT SHALL NOT, DURING AND AFTER COMPLETION OF PERMITTED CONSTRUCTION, INTRODUCE ANY FORM OR METHOD OF SITE DRAINAGE DISCHARGE INTO THE DRAINAGE FACILITIES ON THE FDOT'S RIGHT-OF-WAY OR EASEMENT. ANY DISCHARGE SHALL BE IN VIOLATION OF THIS PERMIT.

THE PERMITTEE IS CAUTIONED THAT UTILITIES MAY BE LOCATED WITHIN THE CONSTRUCTION AREA.

IT IS THE RESPONSIBILITY OF THE PERMITTEE TO DETERMINE AND COMPLY, IN ADDITION TO FDOT REQUIREMENTS, WITH ALL COUNTY AND MUNICIPAL ORDINANCES THAT ARE RELATIVE TO THE ACTIVITIES DESCRIBED ON THIS PERMIT.

N.P.D.E.S. REQUIRES THAT STORM WATER CONTROL MEASURES BE IMPLEMENTED ON ANY PROJECT ON PUBLIC TRANSPORTATION FACILITY RIGHTS-OF-WAY INCLUDING, BUT NOT LIMITED TO MEASURES DESCRIBED IN THE CURRENT FDOT STANDARD PLANS FOR ROAD CONSTRUCTION.

IF A CONSTRUCTION, RECONSTRUCTION, REPAIR OR MAINTENANCE ACTIVITY NECESSITATES THE CLOSING OF ONE (1) OR MORE TRAVEL LANES OF ANY ROAD ON THE STATE, COUNTY OR CITY ROAD SYSTEMS, FOR A PERIOD OF TIME EXCEEDING TWO (2) HOURS, THE PERMITTEE PERFORMING SUCH WORK WILL BE RESPONSIBLE TO GIVE NOTICE TO THE APPROPRIATE LOCAL LAW ENFORCEMENT AGENCY WITH JURISDICTION OVER SAID ROAD PRIOR TO COMMENCING WORK ON THIS PROJECT.

ADHERE TO ALL INSTRUCTIONS/REQUIREMENTS IN THE CURRENT UTILITY ACCOMODATIONS MANUAL.

