

**RESOLUTION
of the
SEMINOLE COUNTY BOARD OF COUNTY COMMISSIONERS:**

ACCEPTING AND AUTHORIZING THE CHAIRMAN TO EXECUTE A MEMORANDUM OF AGREEMENT WITH THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, FOR THE LANDSCAPE CONSTRUCTION AND MAINTENANCE SERVICES WITHIN THE RIGHT OF WAY OF STATE ROAD 434 AS PART OF THE ROLLING HILLS/RAYMOND AVENUE IMPROVEMENTS.

WHEREAS, the State of Florida, Department of Transportation, and Seminole County desire to facilitate a Memorandum of Agreement for the installation and maintenance of certain landscaping withing the right of way of State Road 434 as part of the Rolling Hills/Raymond Avenue Improvements; and

WHEREAS, the State of Florida, Department of Transportation, has requested Seminole County to execute and deliver to the State of Florida, Department of Transportation, a Memorandum of Agreement for the installation and maintenance of certain landscaping withing the right of way of State Road 434 as part of the Rolling Hills/Raymond Avenue Improvements.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Seminole County, Florida, that the Chairman is hereby authorized to make, execute and deliver to the State of Florida, Department of Transportation, a Memorandum of Agreement (Attachment 1) for the project described above.

ADOPTED THIS 22nd DAY OF OCTOBER 2024

ATTEST:

**BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY, FLORIDA**

**GRANT MALOY, Clerk to the
Board of County Commissioners in
and for Seminole County, Florida.**

Jay Zembower, Chairman

ATTACHMENT 1

REV. 9/6/2024

LANDSCAPE CONSTRUCTION AND MAINTENANCE MEMORANDUM OF AGREEMENT

THIS AGREEMENT, made and entered into this _____ day of _____, 2024, by and between the **STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION**, a component agency of the State of Florida, hereinafter called the “**DEPARTMENT**” and the County of Seminole County, a political subdivision existing under the laws of the State of Florida, hereinafter called the “**LOCAL GOVERNMENT.**”

WITNESSETH

WHEREAS, the **DEPARTMENT** has jurisdiction over and maintains State Road 434 as part of the State Highway System; and

WHEREAS, the **LOCAL GOVERNMENT** seeks to install and maintain certain landscaping within the right of way of State Road 434 as part of the Rolling Hills/ Raymond Avenue improvements; and

WHEREAS, the **LOCAL GOVERNMENT**, as part of said landscaping, seeks to remove or has removed sidewalk from a portion of said right of way and replace existing sidewalk or connect the remaining sidewalk to a **LOCAL GOVERNMENT** sidewalk located off of said right of way; and

WHEREAS, the **DEPARTMENT** agrees to allow the landscaping only under certain conditions necessary to protect the traveling public using said right of way; and

WHEREAS, Rule 14-40.003, Florida Administrative Code, requires the parties to enter into an Agreement designating and setting forth the responsibilities of each party; and

WHEREAS, the **LOCAL GOVERNMENT**, by Resolution No. _____, dated _____, 2024, and attached hereto as Exhibit “A,” has authorized its officers to execute this **AGREEMENT** on its behalf.

NOW THEREFORE, for and in consideration of the mutual benefits to flow each to the other, the parties covenant and agree as follows:

1. The **LOCAL GOVERNMENT** hereby agrees to install or cause to be installed landscaping, which consists solely of a 10’ shared path within the right of way of State Road 434 as part of the Rolling Hills/ Raymond Avenue improvements, as specified in the Landscape Plans included as Exhibit “B.” Such installation shall be in conformance with Florida Administrative Code Rule 14-40.003, as it may be amended from time to time, and the Florida Highway Landscape Guide, which is incorporated into Rule 14-40.003 by reference. The **LOCAL GOVERNMENT** shall not change or deviate from said plans without written approval of the **DEPARTMENT**.

2. The **LOCAL GOVERNMENT** agrees to maintain the landscaping referenced above in accordance with the Landscape Maintenance Plan(s) included as Exhibit “C.” Additionally, the **LOCAL GOVERNMENT** agrees to maintain existing sidewalk that remains in the right of way, if any, within the area between the boundary line on either side of the abutting property extending forward to the back of the curb, or if no curb exists, then the edge of the travel lane, and within the area connecting with the sidewalk as shown in Exhibit “B”, as well as any newly constructed pedestrian facilities depicted on Exhibit “B.” Said maintenance will be in accordance with Florida Administrative Code Rule 14-40.003 and the Florida Highway Landscape Guide, as they may be amended from time to time. The **LOCAL GOVERNMENT’s** responsibility for maintenance shall be consistent with the requirements of Florida Administrative Code Rule 14-40.003. The **LOCAL GOVERNMENT** also agrees to maintain the **LOCAL GOVERNMENT** sidewalk in conformance with generally accepted standards of sidewalk maintenance. The above-named functions to be performed by the **LOCAL GOVERNMENT** shall be subject to periodic inspections by the **DEPARTMENT**. The **LOCAL GOVERNMENT** shall not change or deviate from said plan(s) without written approval of the **DEPARTMENT**.
3. All landscape installation and all maintenance activities undertaken by the **LOCAL GOVERNMENT** shall be in accordance with the Maintenance of Traffic Plans(s) included as Exhibit “D” and Florida Administrative Code Rule 14-40.003.
4. If at any time after the **LOCAL GOVERNMENT** has assumed the landscaping installation or the maintenance responsibility above-mentioned, it shall come to the attention of the **DEPARTMENT** that the limits or a part thereof is not properly installed or maintained pursuant to the terms of this **AGREEMENT**, the District Secretary or his designee may issue a written notice that a deficiency or deficiencies exist(s), by sending a certified letter to the **LOCAL GOVERNMENT** to place said **LOCAL GOVERNMENT** on notice thereof. The certified letter shall be sent to the City Manager. Thereafter the **LOCAL GOVERNMENT** shall have a period of thirty (30) calendar days within which to correct the cited deficiencies. If said deficiencies are not corrected within this time period, the **DEPARTMENT** may at its option, proceed as follows:
 - (a) If installation is not completed in accordance with the plans in paragraph 1, the **DEPARTMENT** may complete the installation, with **DEPARTMENT** or Contractor’s personnel, and invoice the **LOCAL GOVERNMENT** for expenses incurred.
 - (b) If installation has been properly completed or if the **DEPARTMENT** elects not to complete the installation under (a) above, and maintenance by the **LOCAL GOVERNMENT** is not in compliance with paragraphs 2 or 3, the **DEPARTMENT** may take action to maintain the landscaping or existing sidewalk or a part thereof, with **DEPARTMENT** or Contractor’s personnel and invoice the **LOCAL GOVERNMENT** for expenses incurred, or
 - (c) The **DEPARTMENT** may terminate the **AGREEMENT**, in which case the **LOCAL GOVERNMENT** shall at its own expense and within sixty (60) days after

written notice by the **DEPARTMENT**, remove all of the landscaping that the **DEPARTMENT** directs be removed and return the right-of-way to its original condition. The **LOCAL GOVERNMENT** will own such materials it removes and the **DEPARTMENT** shall own any materials remaining. The **DEPARTMENT** may, in its discretion, remove, relocate or adjust the landscaping materials, with the **LOCAL GOVERNMENT** being responsible for the cost of any removal.

Upon **DEPARTMENT** action under one of the above options and upon direction of the **DEPARTMENT**, the **LOCAL GOVERNMENT** shall cease installation and maintenance activities under this **AGREEMENT**.

5. It is understood between the parties hereto that the landscaping covered by this **AGREEMENT** may be removed, relocated or adjusted by the **DEPARTMENT** at any time in the future as determined to be necessary by the **DEPARTMENT** in order that the state road be widened, altered or otherwise changed which activities may include, but are not limited to, emergency or routine maintenance which may impact the landscaping. The **LOCAL GOVERNMENT** shall be given sixty (60) calendar days notice to remove said landscaping/hardscape after which time the **DEPARTMENT** may remove the same, with the **LOCAL GOVERNMENT** being responsible for the cost of removal.
6. The **LOCAL GOVERNMENT** may utilize its employees or third parties to accomplish its obligations under paragraphs 1, 2 or 3; however, the **LOCAL GOVERNMENT** remains responsible for proper performance under this **AGREEMENT** and shall take all steps necessary to ensure that its employees or third parties perform as required under this **AGREEMENT**.
7. The **LOCAL GOVERNMENT** agrees to include the following indemnification in all contracts with contractors, subcontractors, consultants, and subconsultants, who perform work in connection with this Agreement:

“The contractor/subcontractor/consultant/subconsultant shall indemnify, defend, save and hold harmless the State of Florida, Department of Transportation and all of its officers, agents or employees from all suits, actions, claims, demands, liability of any nature whatsoever arising out of, because of, or due to any negligent act or occurrence of omission or commission of the contractor/subcontractor/consultant/subconsultant, its officers, agents or employees.”
8. The term of this **AGREEMENT** commences upon execution. The **LOCAL GOVERNMENT** shall notify or cause the Department’s Maintenance Engineer or his designee to be notified a minimum of 48 hours, excluding Saturday, Sunday, and legal holidays, prior to starting work in the right-of-way, unless said Engineer or his designee waives this period in writing. When the Department through said Engineer or his designee issues a Notice to Proceed, the **LOCAL GOVERNMENT** may proceed with the project.
9. **LEGAL REQUIREMENTS.** This Agreement is executed and entered into in the State of Florida and will be construed, performed, and enforced in all respects in strict conformity with local, state, and federal laws, rules, and regulations.

- (a) If any term or provision of the Agreement is found to be illegal or unenforceable, the remainder of the Agreement will remain in full force and effect and such term or provision will be deemed stricken.
 - (b) The **LOCAL GOVERNMENT** shall allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the **LOCAL GOVERNMENT** in conjunction with this Agreement. Failure by the **LOCAL GOVERNMENT** to grant such public access shall be grounds for immediate unilateral cancellation of this Agreement by the **DEPARTMENT**.
 - (c) The **LOCAL GOVERNMENT** and the **DEPARTMENT** agree that the **LOCAL GOVERNMENT**, its employees, contractors, subcontractors, consultants, and sub consultants are not agents of the **DEPARTMENT** as a result of this Agreement.
 - (d) The **LOCAL GOVERNMENT** shall not cause any liens or encumbrances to attach to any portion of the **DEPARTMENT** right-of-way.
 - (e) Nothing in this Agreement may inure to the benefit of any third party for the purpose of allowing any claim against either of the parties, which claim would otherwise be barred under the doctrine of sovereign immunity or by operation of law, including but not limited to Section 768.28, Florida Statutes (2024), as this statute may be amended from time to time.
 - (f) **LOCAL GOVERNMENT**:
 - i. shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the **LOCAL GOVERNMENT** during the term of the contract; and
 - ii. shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.
10. This writing embodies the entire **AGREEMENT** and understanding between the parties hereto and there are no other **AGREEMENTS** and understanding, oral or written, with reference to the subject matter hereof that are not merged herein and superseded hereby.
11. This **AGREEMENT** may not be assigned or transferred by the **LOCAL GOVERNMENT** in whole or part without the consent of the **DEPARTMENT**.
12. This **AGREEMENT** shall be governed by and construed in accordance with the laws of the State of Florida. In the event of a conflict between any portion of the **AGREEMENT** and Florida law, the laws of Florida shall prevail.
13. Public Entity Crime - A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public

entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

14. Anti-Discrimination - An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity.
15. The Parties agree to comply with s.20.055(5), Florida Statutes, and to incorporate in all subcontracts the obligation to comply with s.20.055(5), Florida Statutes.

The remainder of this page is intentionally left blank.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed the day and year first above written.

**Seminole County
(LOCAL GOVERNMENT)**

BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY, FLORIDA

By: See attached Signature Page

Printed Name & Title

Date: _____

Attest: See Attached Signature Page

Printed Name & Title

Legal Approval See Attached Signature Page

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

By: _____
Ron J. Meade, P.E., District Maintenance Engineer

Attest: _____
Victor A. LoPiccolo, Maintenance Project Manager

Legal Approval _____

BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY, FLORIDA

By: _____
JAY ZEMBOWER, Chairman

Date: _____

As authorized for execution by the Board of
County Commissioners at its _____
regular meeting.

ATTEST:

GRANT MALOY, Clerk to the
Board of County Commissioners of
Seminole County, Florida.

For the use and reliance of Seminole
County only.

Approved as to form and legal sufficiency.

County Attorney

Exhibit A

RESOLUTION NO. 2024 - R - _____

SEMINOLE COUNTY, FLORIDA

**RESOLUTION
of the
SEMINOLE COUNTY BOARD OF COUNTY COMMISSIONERS:**

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**BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY, FLORIDA**

GRANT MALOY, Clerk to the
Board of County Commissioners in
and for Seminole County, Florida.

Jay Zembower, Chairman

COMPONENTS OF CONTRACT PLANS SET

- Roadway Plans
- Signing and Pavement Marking Plans
- Signalization Plans
- Landscape Plans

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO. SHEET DESCRIPTION

1	KEY SHEET
2-3	SIGNATORY SHEETS
4-8	DRAINAGE MAP
9-10	SUMMARY OF DRAINAGE STRUCTURES
11-28	TYPICAL SECTIONS
29-31	TYPICAL SECTION DETAILS
32	PROJECT LAYOUT
33-42	PROJECT CONTROL
43-52	SURVEY CONTROL MAP
53-54	GENERAL NOTES
55-82	ROADWAY PLAN-PROFILE SHEETS
83-98	INTERSECTION DETAIL SHEETS
99-101	SPECIAL DETAILS
102-130	DRAINAGE STRUCTURES
131-153	POND SHEETS AND POND CROSS SECTIONS
154	SOIL SURVEY
155-285	CROSS SECTIONS
286-288	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
289-304	SUMMARY OF QUANTITIES
305-360	TEMPORARY TRAFFIC CONTROL PLANS
U-1-U-21	UTILITY ADJUSTMENTS
S-1-S-33	SIGNING AND PAVEMENT MARKING PLANS
T-1-T-22	SIGNALIZATION PLANS
LD-1-LD-43	LANDSCAPE PLANS

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, Jan 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

BOARD OF COUNTY COMMISSIONERS

- | | |
|-----------------|------------|
| BOB DALLARI | DISTRICT 1 |
| JAY ZEMBOWER | DISTRICT 2 |
| LEE CONSTANTINE | DISTRICT 3 |
| AMY LOCKHART | DISTRICT 4 |
| ANDRIA HERR | DISTRICT 5 |

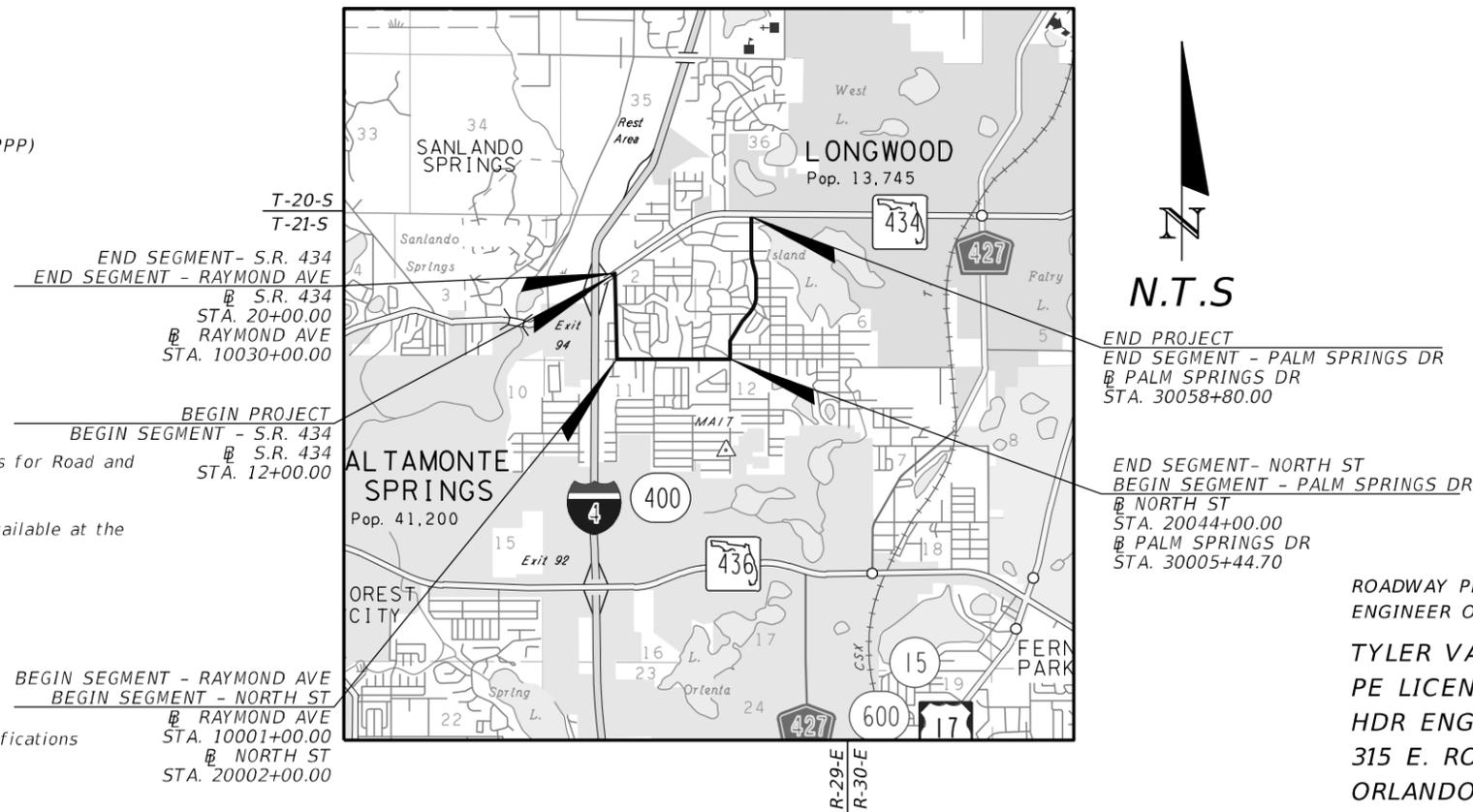
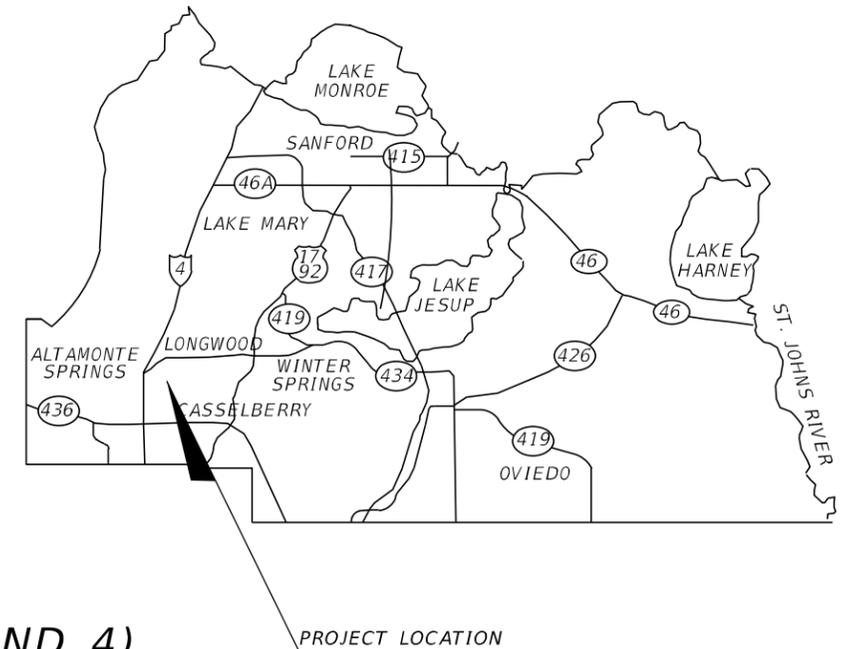
A. BRYANT APPLIGATE, INTERIM COUNTY MANAGER

EXHIBIT B
SEMINOLE COUNTY
ENGINEERING DIVISION

CONTRACT PLANS



ROLLING HILLS AREA ROADWAYS PHASE 1
SEMINOLE COUNTY CIP No. 01907084 (DISTRICT 3 AND 4)



PROJECT LENGTH IS BASED ON \bar{Q} OF CONSTRUCTION

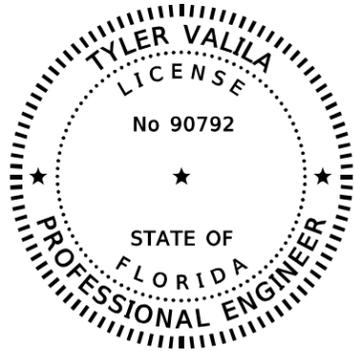
LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	13170	2.49
BRIDGES		
NET LENGTH OF PROJECT	13170	2.49
EXCEPTIONS		
GROSS LENGTH OF PROJECT	13170	2.49

PUBLIC WORKS DIRECTOR: JEAN JREIJ, P.E.

ROADWAY PLANS
ENGINEER OF RECORD:
TYLER VALILA, PE
PE LICENSE NO. 90792
HDR ENGINEERING, INC.
315 E. ROBINSON STREET, SUITE 400
ORLANDO, FL 32801

COUNTY PROJECT MANAGER:
SAM MOUSSA, PE
PUBLIC WORKS DEPARTMENT
100 EAST 1st STREET
SANFORD, FL 32771

FISCAL YEAR	SHEET NO.
23-24	1



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

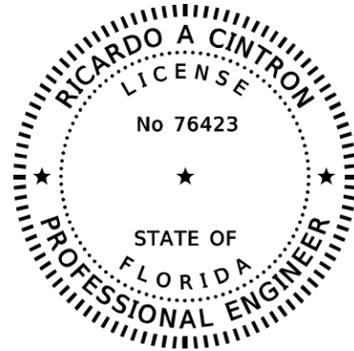
Tyler J Valila
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PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

HDR ENGINEERING, INC.
315 E. ROBINSON STREET
ORLANDO, FLORIDA 32801

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET No.	DESCRIPTION	SHEET No.	DESCRIPTION
1	KEY SHEET	305-360	TEMPORARY TRAFFIC CONTROL PLANS
11-28	TYPICAL SECTIONS		
28-31	TYPICAL SECTION DETAILS		
32	PROJECT LAYOUT		
33-42	PROJECT CONTROL		
53-54	GENERAL NOTES		
55-82	ROADWAY PLAN-PROFILE SHEETS		
83-98	INTERSECTION DETAIL SHEETS		
99-101	SPECIAL DETAILS		
155-285	CROSS SECTIONS		
289-304	SUMMARY OF QUANTITIES		



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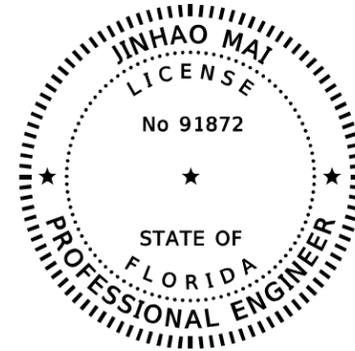
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HDR ENGINEERING, INC.
315 E. ROBINSON STREET
ORLANDO, FLORIDA 32801

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET No.	DESCRIPTION
4-8	DRAINAGE MAP
9-10	SUM. OF DRAINAGE STRUCT.
102-130	DRAINAGE STRUCTURES
131-153	POND SHEETS & POND CROSS SECTIONS
286-288	STORMWATER POLL. PREV. PLAN (SWPPP)



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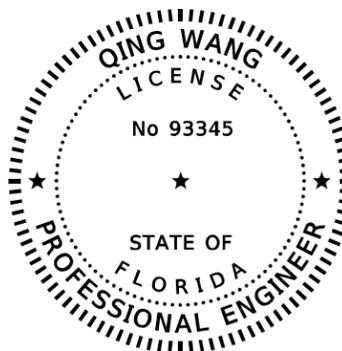
Digitally signed by
Jinhao Mai
Date: 2024.05.16
16:06:18-04'00'

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HDR ENGINEERING, INC.
315 E. ROBINSON STREET
ORLANDO, FLORIDA 32801

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET No.	DESCRIPTION
S-1-S-33	SIGNING AND PAVEMENT MARKING PLANS
T-1-T-17	SIGNALIZATION PLANS
T-19-T-21	SIGNALIZATION PLANS



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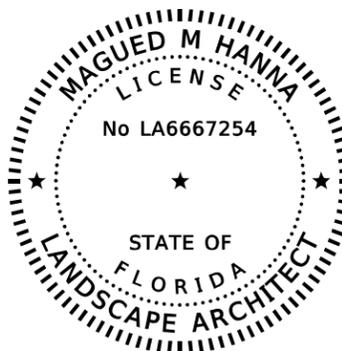
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HDR ENGINEERING, INC.
4830 W. KENNEDY BLVD. SUITE 400
TAMPA, FL 33609-2548

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET No.	DESCRIPTION
T-18	SIGNALIZATION PLANS



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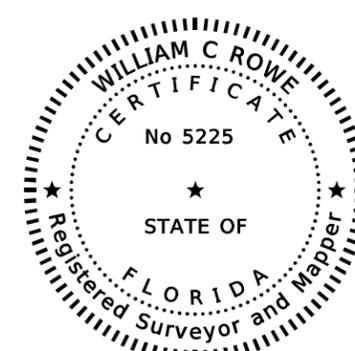
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Hanna, Magued
Date: 2024.05.14
10:09:07 -04'00'

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HDR ENGINEERING, INC.
315 E. ROBINSON STREET
ORLANDO, FLORIDA 32801

THE ABOVE NAMED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G10-11.001, F.A.C.

SHEET No.	DESCRIPTION
LD-1-LD-43	LANDSCAPE PLANS



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Digitally signed by William C Rowe
DN: c=US, o=Florida,
dnQualifier=A01410C00000189565
205AD0004268D, cn=William C
Rowe
Date: 2024.05.13 14:46:00 -04'00'

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SOUTHEASTERN SURVEYING
AND MAPPING CORPORATION
6500 ALL AMERICAN BOULEVARD
ORLANDO, FLORIDA 32810

THE ABOVE NAMED PROFESSIONAL SURVEYOR AND MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

SHEET No.	DESCRIPTION
43-52	SURVEY CONTROL MAP

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



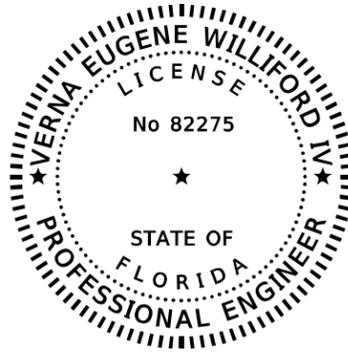
315 E. ROBINSON ST.
SUITE 400
ORLANDO, FL 32801
PHONE 407.420.4200
FAX 407.420.4242

SEMINOLE COUNTY
ENGINEERING DIVISION
ROLLING HILLS AREA ROADWAYS PHASE 1

ROAD	COUNTY CIP No.
RAYMOND AVE., NORTH ST., PALM SPRINGS DR.	01907084

SIGNATURE SHEET

SHEET NO.
2



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

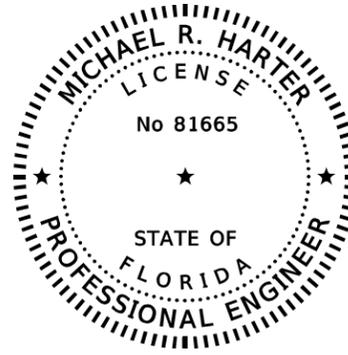
Verna E Williford IV
 Digitally signed by Verna E Williford IV
 Date: 2024.05.13 15:56:33 -04'00'

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.
 919 LAKE BALDWIN LANE
 ORLANDO, FLORIDA 32814

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET No.	DESCRIPTION
154	SOIL SURVEY
T-22	SOIL BORINGS



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Michael R Harter
 Digitally signed by Michael R Harter
 Date: 2024.05.13 12:37:54 -04'00'

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

BRINDLEY PIETERS AND ASSOCIATES, INC.
 2600 MAITLAND CENTER PKWY,
 SUITE 180
 MAITLAND, FLORIDA 32751

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET No.	DESCRIPTION
U-1-U-21	UTILITY ADJUSTMENTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

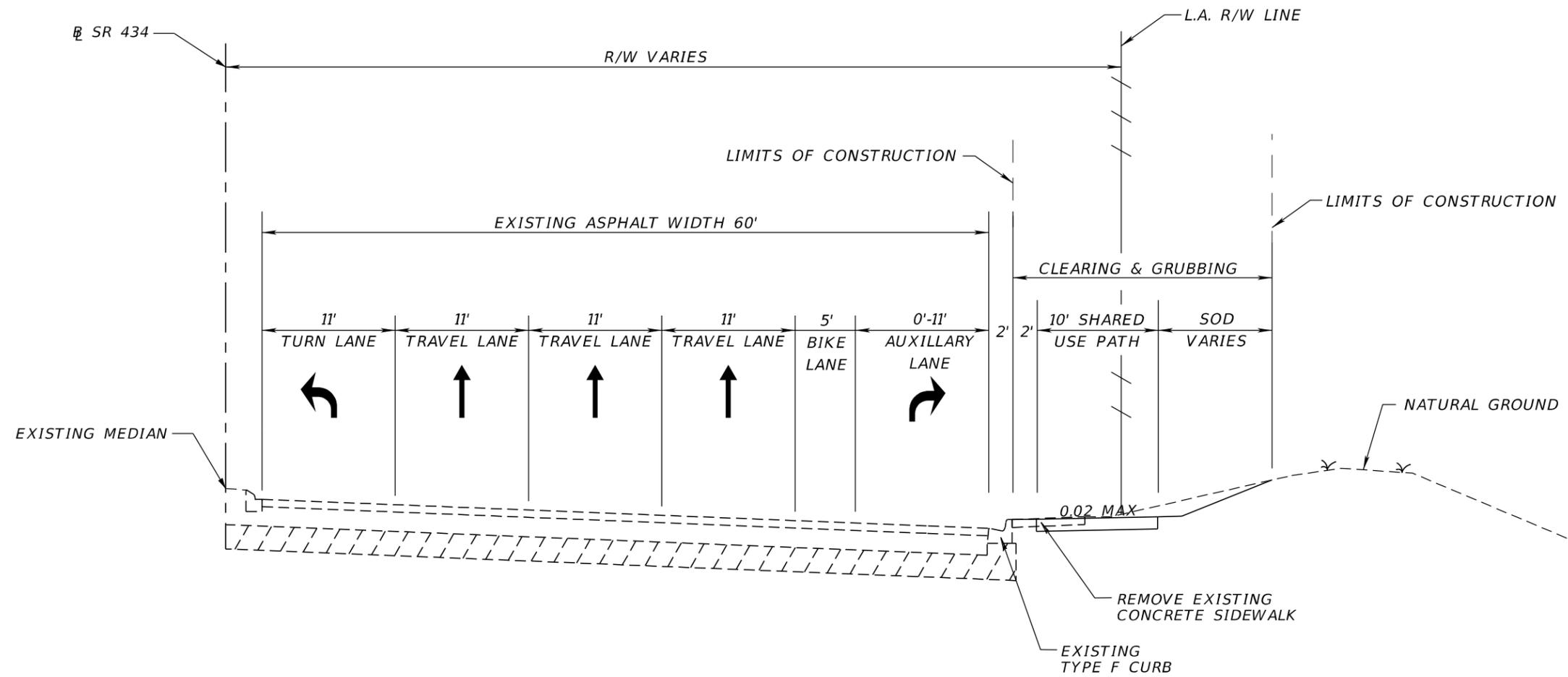


315 E. ROBINSON ST.
 SUITE 400
 ORLANDO, FL 32801
 PHONE 407.420.4200
 FAX 407.420.4242

SEMINOLE COUNTY ENGINEERING DIVISION ROLLING HILLS AREA ROADWAYS PHASE 1	
ROAD	COUNTY CIP No.
RAYMOND AVE., NORTH ST., PALM SPRINGS DR.	01907084

SIGNATURE SHEET

SHEET NO.
3



TYPICAL SECTION 5
S.R. 434
STA. 12+48.28 TO STA. 18+46.47

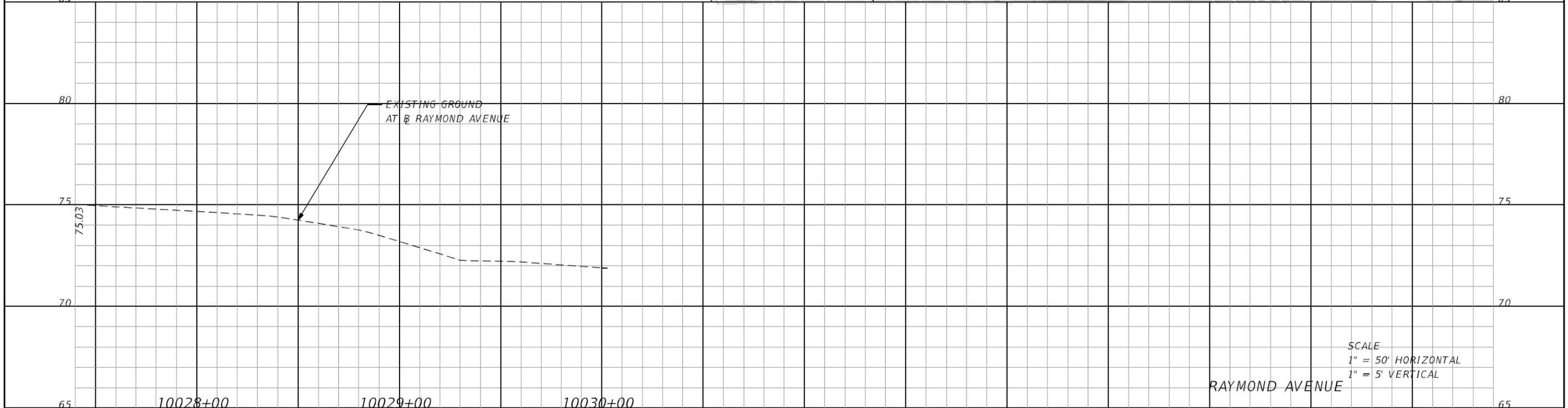
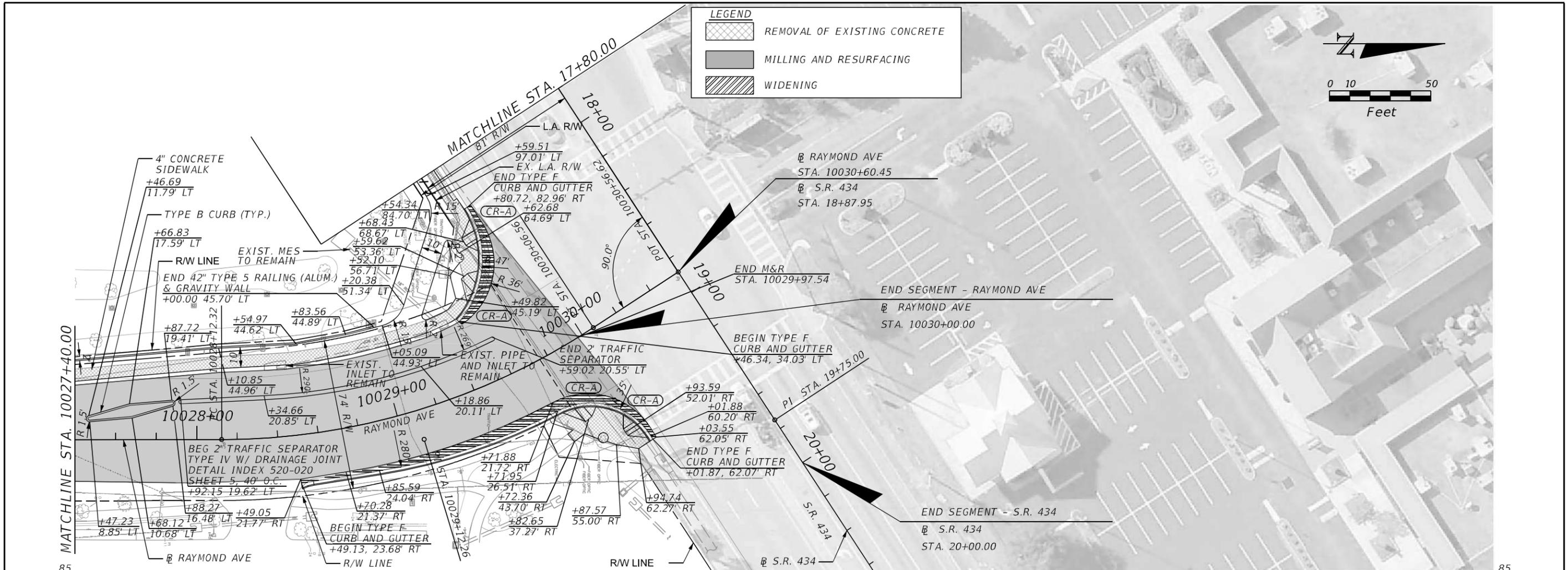
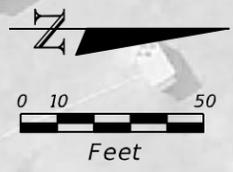
TRAFFIC DATA

DESIGN SPEED = 40 MPH (ASSUMED)
POSTED SPEED = 35 MPH

REVISIONS				<small>TYLER VALILA, P.E. LICENSE NO. 90792</small> HR <small>315 E. ROBINSON ST. SUITE 400 ORLANDO, FL 32801</small> <small>PHONE 407.420.4200 FAX 407.420.4242</small>	<small>SEMINOLE COUNTY ENGINEERING DIVISION</small> ROLLING HILLS AREA ROADWAYS PHASE 1		<p style="text-align: center;"><i>TYPICAL SECTIONS</i></p>	<small>SHEET NO.</small> 15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY CIP No.		
					RAYMOND AVE., NORTH ST., PALM SPRINGS DR.	01907084		

LEGEND

- REMOVAL OF EXISTING CONCRETE
- MILLING AND RESURFACING
- WIDENING



SCALE
 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TYLER VALILA, P.E.
 LICENSE NO. 90792
 315 E. ROBINSON ST.
 SUITE 400
 ORLANDO, FL 32801
 PHONE 407.420.4200
 FAX 407.420.4242

SEMINOLE COUNTY
 ENGINEERING DIVISION
 ROLLING HILLS AREA ROADWAYS PHASE 1

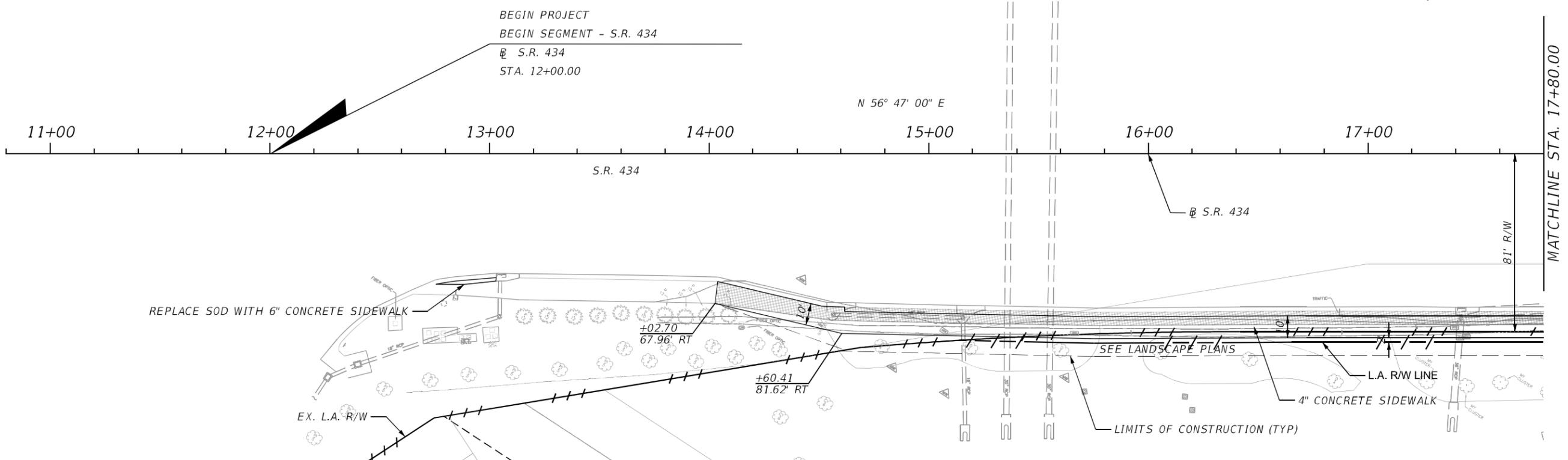
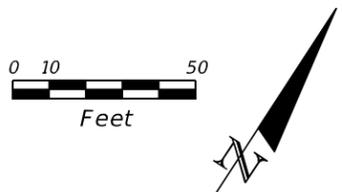
ROAD	COUNTY CIP No.
RAYMOND AVE., NORTH ST., PALM SPRINGS DR.	01907084

PLAN-PROFILE SHEET (6)

SHEET NO.
 60

LEGEND

- REMOVAL OF EXISTING CONCRETE
- MILLING AND RESURFACING
- PATTERNED PAVEMENT



NO PROFILE THIS SHEET

SR 434

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

TYLER VALILA, P.E.
 LICENSE NO. 90792
 315 E. ROBINSON ST.
 SUITE 400
 ORLANDO, FL 32801
 PHONE 407.420.4200
 FAX 407.420.4242



SEMINOLE COUNTY
ENGINEERING DIVISION
 ROLLING HILLS AREA ROADWAYS PHASE 1

ROAD	COUNTY CIP No.
RAYMOND AVE., NORTH ST., PALM SPRINGS DR.	01907084

PLAN-PROFILE SHEET (7)

SHEET NO.
61

EXHIBIT C

MAINTENANCE PLAN

All landscaping shall be maintained in accordance with Rule Chapter 14-40, FAC, the Landscape Construction and Maintenance Memorandum of Agreement, Landscape Plans, and the FDOT Standard Plans Indices 522-001 & 522-002.

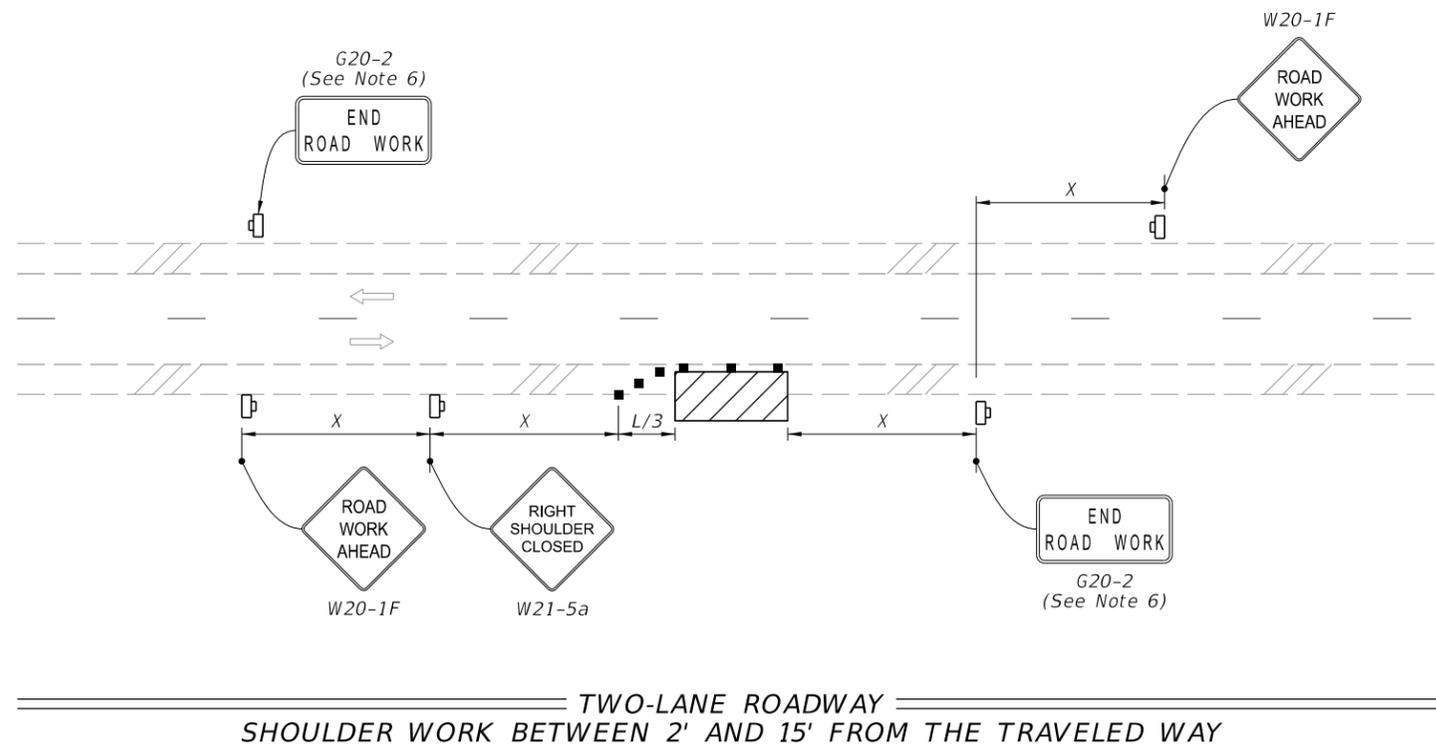
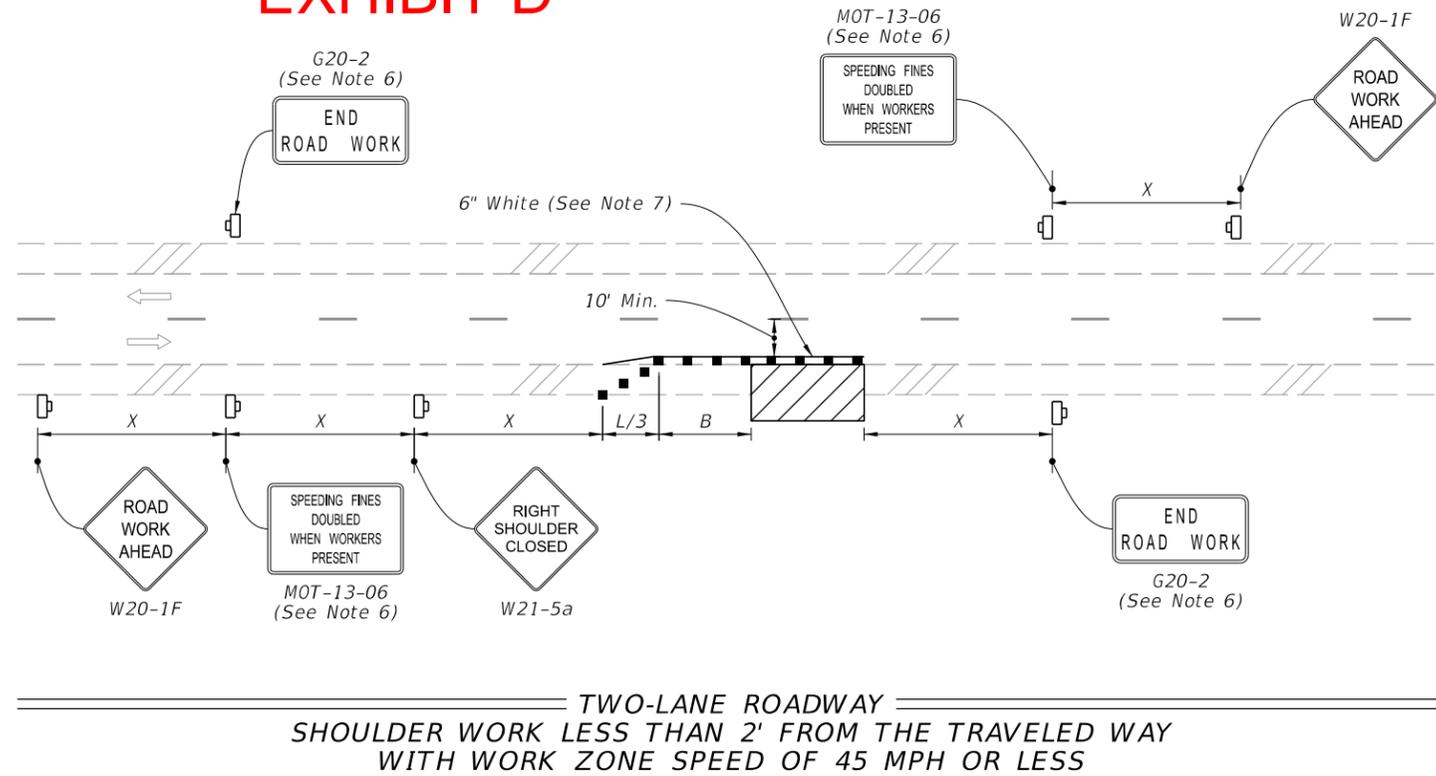
EXHIBIT D

NOTE:

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. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
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 2' 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 work operation is in place for 24 hours or less.
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

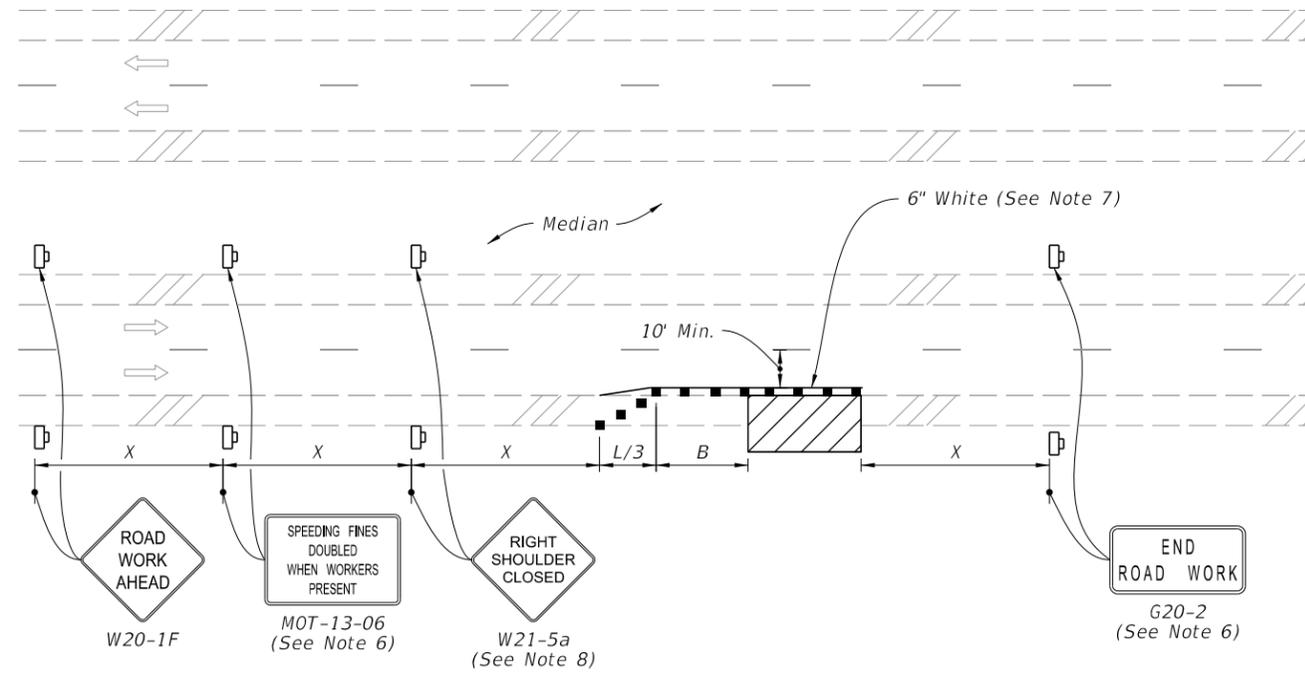
SYMBOLS:

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

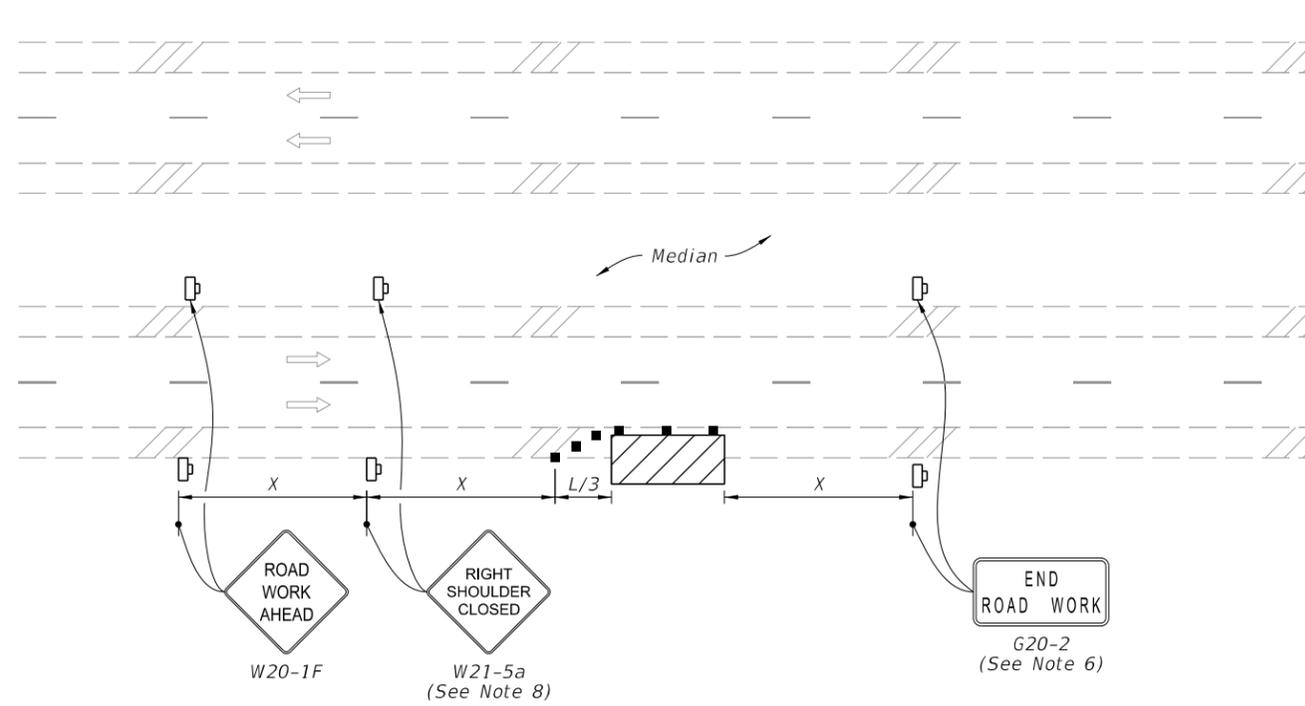


2/2/2023 10:33:35 AM

LAST REVISION 11/01/21	REVISION	DESCRIPTION:		FY 2023-24 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 2
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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

SYMBOLS:

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

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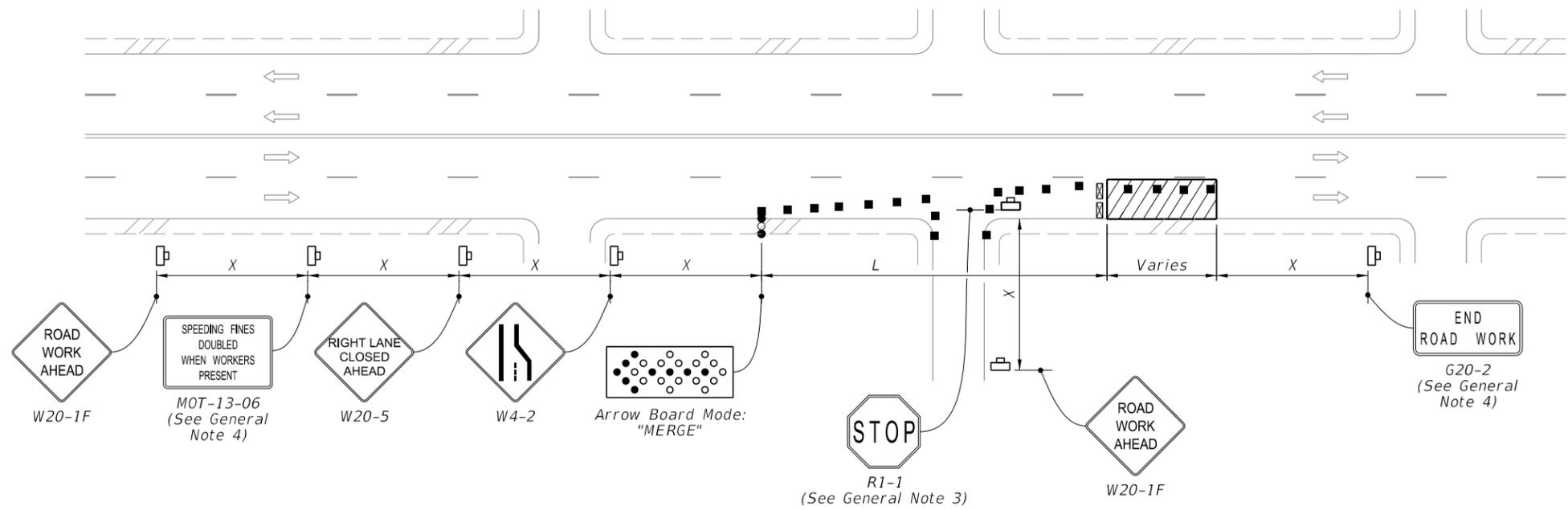
LAST REVISION 11/01/20	REVISION	DESCRIPTION:
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NOTE:

Confine work operations to the following lane or lane combinations:

- a. Outside travel lane
- b. Outside auxiliary lane
- c. Outside travel lane and adjoining auxiliary lane
- d. Inside travel lane
- e. Inside auxiliary lane
- f. Inside travel lane and adjoining auxiliary lane

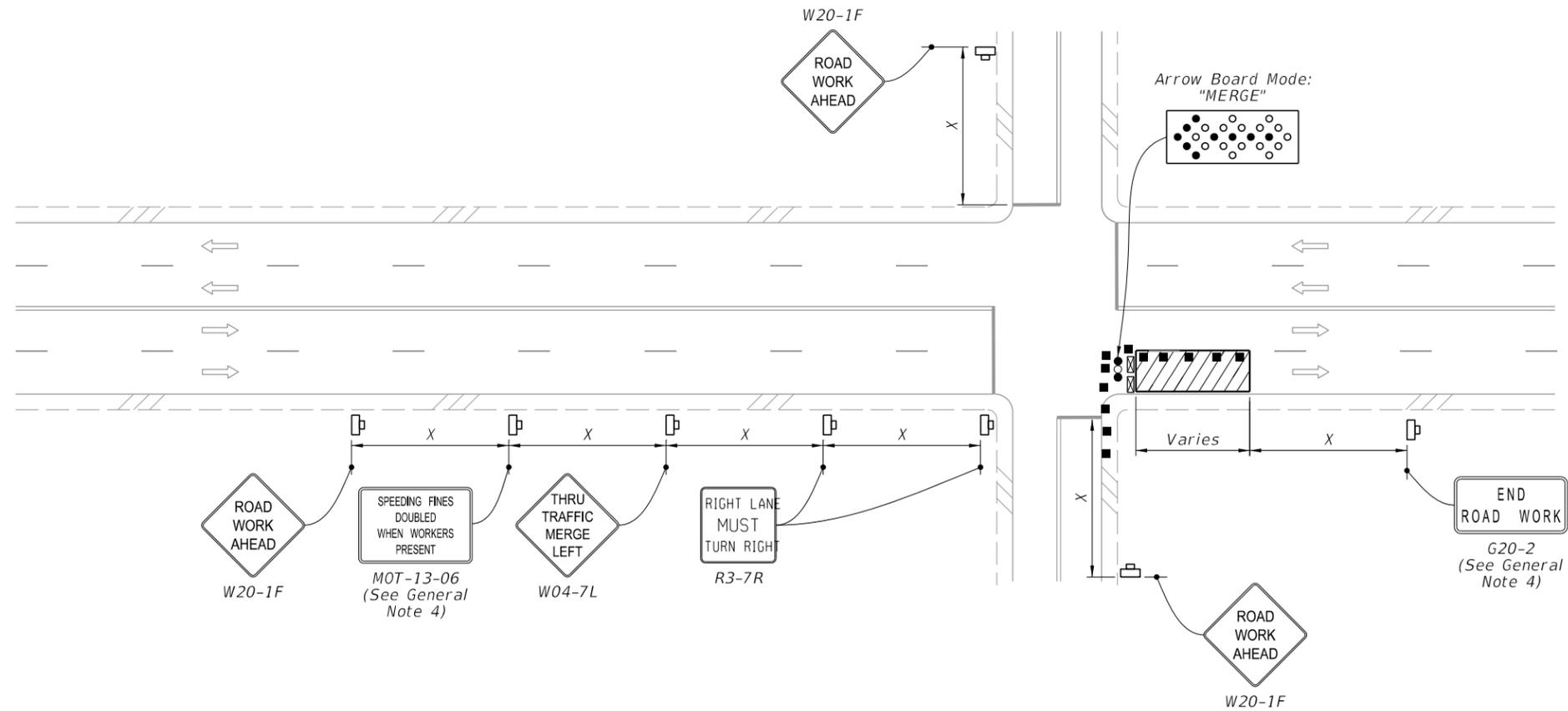
If the work area is confined to an auxiliary lane, the work area must be barricaded. Replace the RIGHT (LEFT) LANE CLOSED AHEAD signs with ROAD WORK AHEAD signs, and omit the merge symbol signs and arrow board.



RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDE STREET

SYMBOLS:

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



RIGHT LANE CLOSED ON FAR SIDE OF INTERSECTION WITH SIGNIFICANT RIGHT TURNING MOVEMENTS

11/1/2022 1:39:11 PM

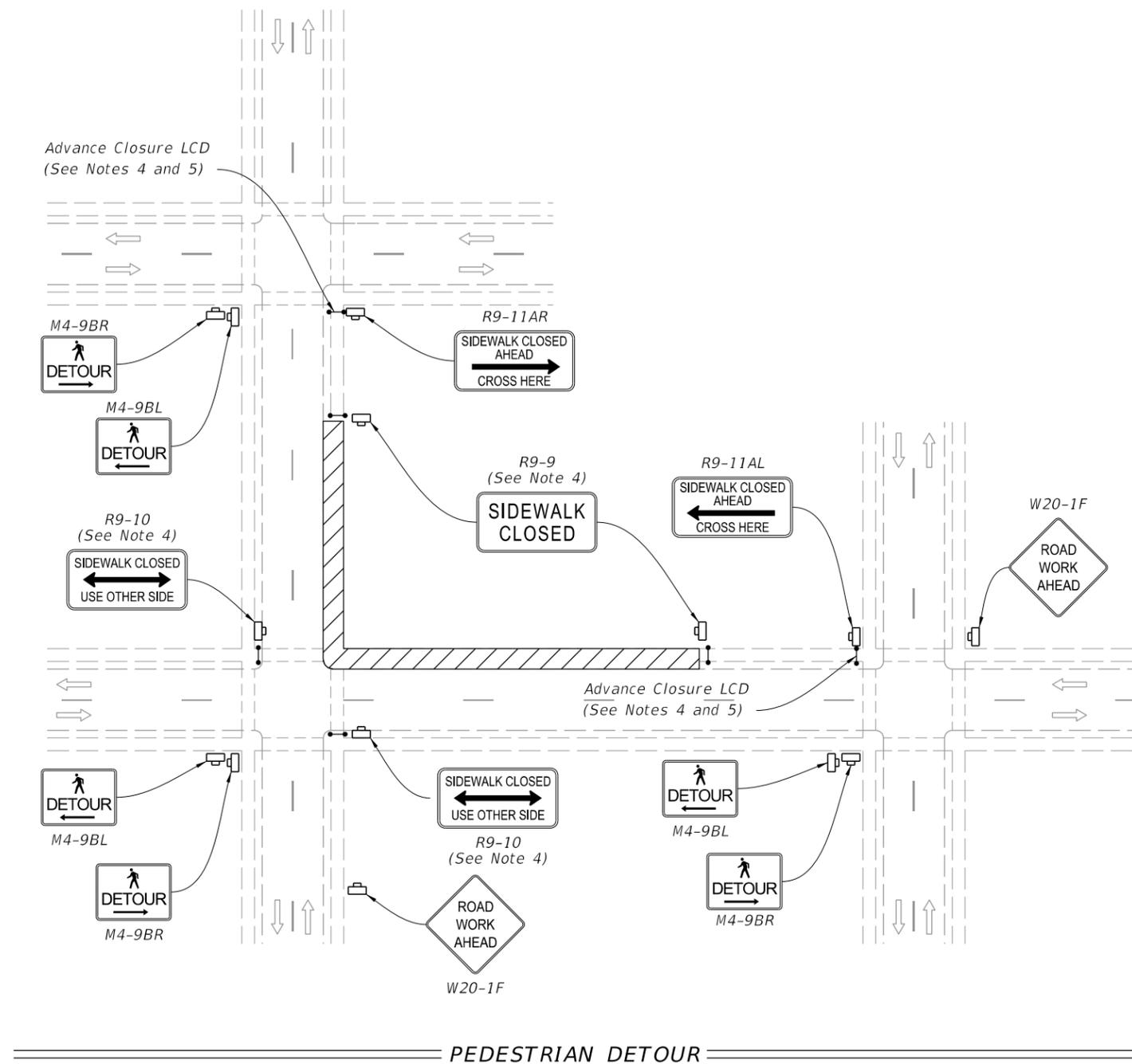
LAST REVISION 11/01/22	REVISION	DESCRIPTION:	 FY 2023-24 STANDARD PLANS	MULTILANE ROADWAY, INTERSECTION WORK	INDEX 102-615	SHEET 2 of 5
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NOTES:

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
-  Pedestrian Longitudinal Channelizing Device (LCD)
-  Lane Identification and Direction of Traffic



10/6/2022 1:28:35 PM

LAST REVISION 11/01/20	REVISION	DESCRIPTION:		FY 2023-24 STANDARD PLANS	SIDEWALK CLOSURE	INDEX 102-660	SHEET 1 of 2
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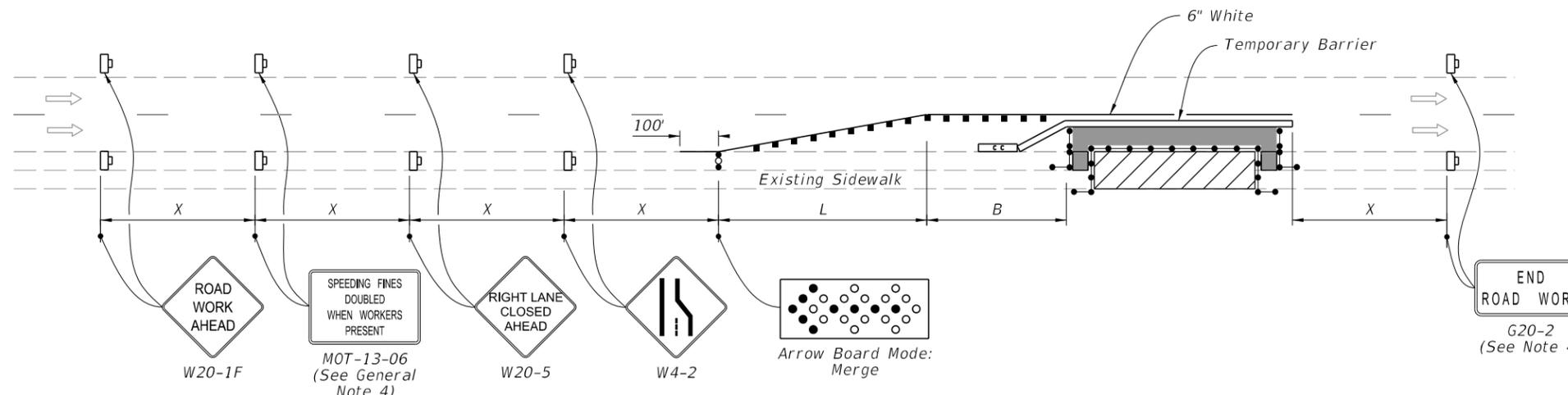
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NOTES:

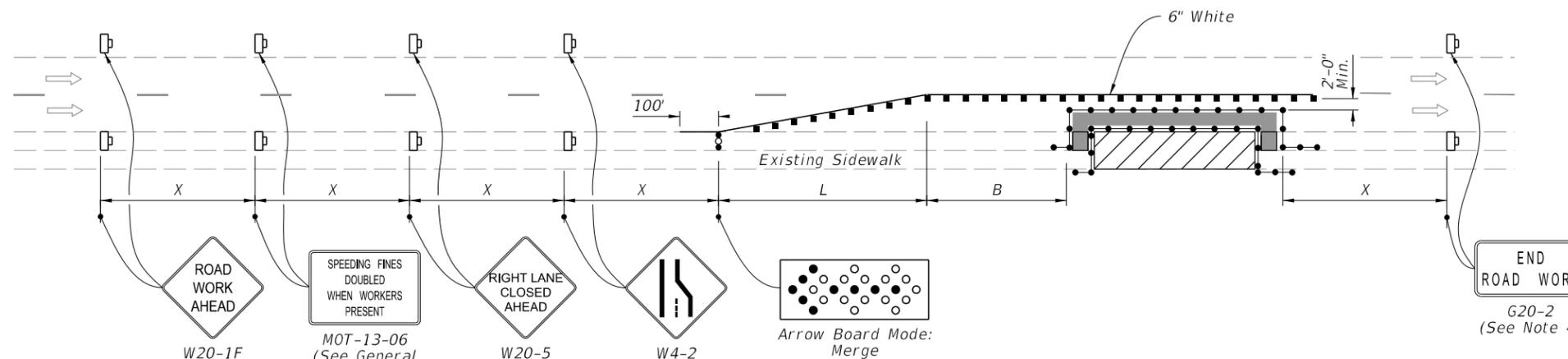
1. L = Taper Length
B = Buffer Length
X = Work Zone Sign Distance
See Index 102-600 for "L", "B", "X", channelizing device spacing values.
2. Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' 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 operation will be in place for 24 hours or less.
5. Pedestrian Diversion Option 2 may only be used when called for in the Plans or as approved by an Engineer.

SYMBOLS:

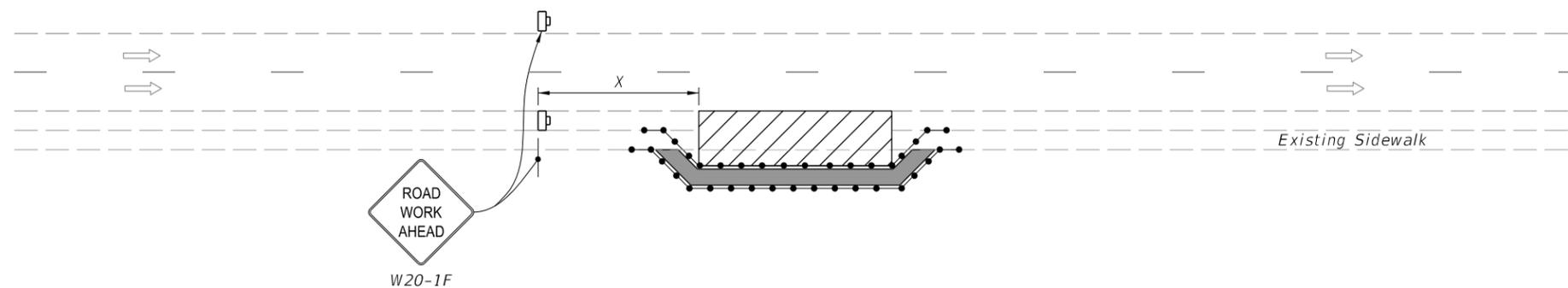
- Work Area
- Temporary Pedestrian Way
- Channelizing Device (See Index 102-600)
- Pedestrian Longitudinal Channelizing Device (LCD)
- Work Zone Sign
- Arrow Board
- Crash Cushion
- Lane Identification and Direction of Traffic



PEDESTRIAN DIVERSION - OPTION 1
(Temporary Barrier Shown, Low Profile Barrier Similar)



PEDESTRIAN DIVERSION - OPTION 2
(Work Zone Speed 35 mph or Less)



PEDESTRIAN SPECIAL DETOUR

LAST REVISION 11/01/21	REVISION	DESCRIPTION:	FY 2023-24 STANDARD PLANS	SIDEWALK CLOSURE	INDEX 102-660	SHEET 2 of 2
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