



2021 INFLOW REDUCTION PACKAGE I PROJECT

Solicitation Number: CO-00636

Job No.: 21-4517

ADDENDUM 1

June 2, 2023

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

- 1. Question:** Item No. 94 Portable Changeable Message Sign (TxDOT Spec) reads EA for Unit. Should this be weekly or monthly?
Response: The unit of measurement for Item 6001 will remain by each as stated in TxDOT Specification 6001 Paragraph 4 Measurement, and includes all costs associated as detailed under Paragraph 5 Payment, for the duration of construction to complete the work of Site No.1.
- 2. Question:** Please clarify where exactly bid item 36, spec 801 is located in the plans so the contractors can turn in an accurate bid price for this? If there is not a known location, can the bid time be changed from (1) Lump Sum to Each?
Response: Please see tree protection fencing (Level IIA Tree Protection) called out in Plans on Sheet 19,20,21,25,26, and 28. Please see special provision 801 Payment in contract documents for complete description of what is included in the Item 801 lump sum.
- 3. Question:** Please clarify where exactly bid item 92, spec SS2010 is located in the plans so the contractor can look in the field at it and be able to turn in an accurate bid price for this? If there is not a specific location, can the bid item be changed from Lump Sum to a Per Foot price for chain link, wooden, or barb wire fencing?
Response: The sites located within alleys may require fence removal and replacement to complete the work, however, Item SS 2010 includes any fence removal, disposal, and replacement of existing fencing (all types and sizes), including temporary fencing, for all project sites for accessibility purposes or as necessary to complete the work.

CHANGES TO THE SPECIFICATIONS

- 1. SPECIAL PROVISIONS TO THE TECHNICAL SPECIFICATIONS** – Remove Page 10 of the Special Provisions to the Technical Specifications and replace with the attached Page 10 of the Special Provisions to the Technical Specifications. The change to the Special Provisions to the Technical Specifications includes an addition to the construction and measurement sections of the Item 6001 TxDOT Specification.
- 2. SPECIAL CONDITIONS** – Remove Pages 6 and 7 of the Special Conditions and replace with the attached Pages 6 and 7 of the Special Conditions. The change to the Special Conditions includes the addition of SC3.2 Kampmann Blvd Alley nearby project coordination.

CHANGES TO THE PLANS

1. **SHEETS 43, 44, 45, 46 and 47:** Remove Sheets 43, 44, 45, 46 and 47 to the Plans and replace with the attached Sheet 43, 44, 45, 46 and 47. The changes include revisions to the conceptual traffic control plan notes, signage and traffic device placement, and detour routes.

CLARIFICATIONS

1. The estimated budget for this project has changed to \$3,872,000.00, which is also now reflected on SAWS website at the following:

https://apps.saws.org/business_center/ContractSol/Drill.cfm?id=4222&View=Yes

END OF ADDENDUM

This Addendum, including these Two (2) pages, is Ten (10) pages with attachments in its entirety.

Attachments:

Special Provisions to the Technical Specifications, Page 10 (1 page)

Special Conditions, Page 6 and 7 (2 pages)

Plan Sheets 43, 44, 45, 46 and 47 (5 pages)



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Texas Registered Engineering Firm
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Andrew J. Wilkinson, P.E.
Lockwood, Andrews & Newnam, Inc.

systems.

e. For multi-bypass pumping setups, payment will be proportional to the overall amount of the established bid line item.

f. Any damages, repairs, etc., to private or public property will not be considered for any additional payment.

All other language in Specification Item No. 865 shall remain in full force.

O. Revision to SAWS Standard Specification Item No. 900 Reconstruction of Sanitary Sewer by Pipe Bursting Crush

900.4 MEASUREMENT AND PAYMENT: ADD the following:

9. Point repairs and extra length point repairs shall include all trench excavation safety protection required to complete the work.

All other language in Specification Item No. 900.4 shall remain in full force.

P. Revision to TxDOT Specification Item No. 6001 Portable Changeable Message Sign

6001.3 CONSTRUCTION: DELETE the first paragraph in this section in its entirety and **REPLACE** with the following:

Place or relocate PCMS units as shown on the plans or as directed. The plans show the number of PCMS units needed.

6001.4 MEASUREMENT: DELETE this paragraph in its entirety and **REPLACE** with the following:

This item will be measured by each PCMS used.

All other language in Specification Item No. 6001 shall remain in full force.

- END -

SC2.9 – Concrete Pavement

Contractor shall replace concrete pavement as shown on plans (Site No. 11 Overdale Dr.) from existing joint to existing joint, or as required by CoSA Inspector, and match existing pavement grade.

SC3.0 – CoSA Solid Waste Management

Contractor shall coordinate with CoSA Solid Waste Management and contact Andrew Gutierrez at 210-207-6428 and CoSA Street Alley Group for coordinating access for Waste Management Services and ensure that access is maintained for trash pick-up services.

SC3.1 – CPS Energy Gas Mains

CPS Energy will be relocating gas services and 2” gas main on Wilson Blvd and capping and abandoning in place 1” steel gas service on Fredericksburg Rd as shown on plans, by separate contract, CPS Energy Job No. 40748226.

Project includes project sites with CPS gas mains in the area. Contractor shall use extreme caution while working around existing gas facilities and excavate and expose to protect gas main and services where crossing sewer main or laterals prior to pipe bursting activities, hand digging may be necessary (NSPI).

SC3.2 – Kampmann Blvd Alley Nearby Project Coordination

Project Site No. 10 Kampmann Blvd Alley has nearby SAWS project on adjacent street Kampmann Blvd titled SAWS 2024 SMP Package IV (Kampmann), SAWS Job No. 22-5042 and 22-5538. Contractor shall coordinate with the contractor of said project for construction schedule and activities including traffic control setup for the duration of the work on Site No. 10 at no additional cost to SAWS.

CONSENT DECREE NOTICE PROVISION

The San Antonio Water System (“SAWS”), the United States of America and the State of Texas have entered into a Consent Decree in Civil Action No. 5:13-cv-00666- DAE, United States of America and State of Texas v. San Antonio Water System, in the United States District Court for the Western District of Texas, San Antonio Division (the “Consent Decree”). A copy of the Consent Decree is available at

https://apps.saws.org/infrastructure/epa/docs/20131015_SAWS_EPA_FinalDecree.pdf

Work performed pursuant to this contract is work that SAWS is required to perform pursuant to the terms of the Consent Decree. In the event of any conflict between the terms and provisions of this Consent Decree Notice Provision and any other terms and provisions of this Contract or the Contract Documents, the terms and provisions of this Consent Decree Notice Provision shall prevail.

A. Retention of documents.

Contractor shall retain and preserve all non-identical copies of all documents, reports, research, analytical or other data, records or other information of any kind or character (including documents, records, or other information in electronic form including, but not limited to e-mails)

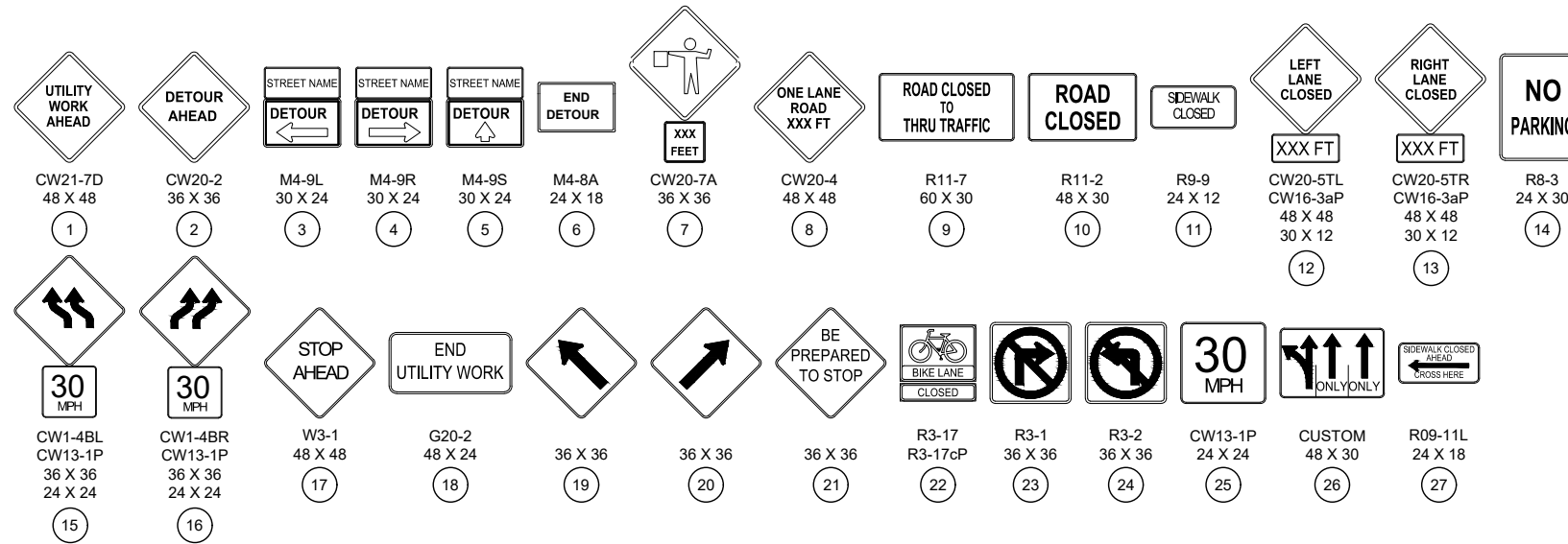
in its or its sub-contractors' or agents' possession or control, or that come into its or its sub-contractors' or agents' possession or control, and that relate in any manner to this contract, or the performance of any work described in this contract (the "Information"). This retention requirement shall apply regardless of any contrary corporate or institutional policy or procedure or legal requirement. Contractor, Contractor's sub-contractors and agents shall retain and shall not destroy any of the Information until such time as Contractor has received written approval from the General Counsel of SAWS that the Information or any part of the Information may be destroyed. Contractor shall, within 30 days after receipt of a written request by SAWS, deliver the Information to SAWS. Contractor shall instruct and require its agents and sub-contractors performing any part of the work described in this contract to comply with the requirements of this paragraph.

B. Notification of events that may cause delay.

If any event occurs that may delay performance by Contractor, or Contractor's agents or sub-contractors of any work or obligation of any kind under this contract, Contractor shall provide notice in accordance with the Notice Provisions of this contract to SAWS within two (2) business days of the date Contractor or Contractor's agents or sub-contractors first knew that the event might cause a delay. Contractor shall provide a written explanation and description of the reasons for the delay, the anticipated duration of the delay, all actions taken or to be taken to prevent or minimize the delay, and a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay. **TIME IS OF THE ESSENCE** in the performance of the requirements of this paragraph and of any work to be performed by the Contractor in this contract.

C. Liability for stipulated penalties.

The Consent Decree provides that the United States of America, the United States Environmental Protection Agency and the State of Texas may assess stipulated penalties against SAWS upon the occurrence of certain events. To the extent that Contractor or Contractor's agents or sub-contractors cause or contribute to, in whole or in part, the assessment of any stipulated penalty against SAWS, Contractor agrees that it shall pay to SAWS the full amount of any stipulated penalty assessed against and paid by SAWS that is caused or contributed to in whole or in part by any action, failure to act, or failure to act within the time required by any provision of this contract. Contractor shall also pay to SAWS all costs, attorney fees, expert witness fees and all other fees and expenses incurred by SAWS in connection with the assessment or payment of any such stipulated penalties, or in contesting the assessment or payment of any such stipulated penalties. In addition to any and all other remedies to which SAWS may be entitled at law or in equity, Contractor expressly authorizes SAWS to withhold all amounts assessed and paid as stipulated penalties, and all associated costs, fees, or expenses from any amount unpaid to Contractor under the terms of this contract, or from any retainage provided in the contract.



Posted Speed *	Formula	Minimum Desirable Taper Lengths **			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "X" Distance	Suggested Longitudinal Buffer Space "B"	Stopping Sight Distance
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent			
30	L = WS ² / 60	150'	165'	180'	30'	60'	120'	90'	200'
35		205'	225'	245'	35'	70'	160'	120'	250'
40		265'	295'	320'	40'	80'	240'	155'	305'
45	L = WS	450'	495'	540'	45'	90'	320'	195'	360'
50		500'	550'	600'	50'	100'	400'	240'	425'
55		550'	605'	660'	55'	110'	500'	295'	495'
60		600'	660'	720'	60'	120'	600'	350'	570'
65		650'	715'	780'	65'	130'	700'	410'	645'
70		700'	770'	840'	70'	140'	800'	475'	730'
75		750'	825'	900'	75'	150'	900'	540'	820'

* Conventional Roads Only
 ** Taper lengths have been rounded off.
 L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed (MPH)

TRAFFIC CONTROL PLAN NOTES:

- AERIAL IMAGERY SHOWN IS PROVIDED FOR REFERENCE ONLY TO THE CONTRACTOR OF THE HIGHLIGHTED CONCEPTUAL TRAFFIC CONTROL ELEMENTS AND MAY NOT BE CURRENT.
- ALL TRAFFIC CONTROL INFORMATION ON THIS SHEET INCLUDING THE SIGNAGE AND TRAFFIC CONTROL DEVICE SPACING ARE NOT SHOWN TO SCALE AND ARE PROVIDED FOR CONCEPTUAL PURPOSES ONLY. CONTRACTOR TO IMPLEMENT TCP PER COSA, TXDOT AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE INFORMATION AND PROVIDE A TCP, INCLUDING ANY DETOURS THAT MAY BE REQUIRED, SIGNED AND SEALED BY A TEXAS LICENSED PROFESSIONAL ENGINEER, AT NO ADDITIONAL COST TO SAWS, FOR SAWS AND COSA AND/OR TXDOT ROW DEPARTMENTS REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. SEE TRAFFIC CONTROL NOTES ON GENERAL NOTES SHEET 6. INSTALLATION OF MESSAGE BOARDS IN ADVANCE OF CONSTRUCTION AND OFF-DUTY POLICE OFFICERS FOR TRAFFIC CONTROL (INCLUDED IN RELATED TCP BID ITEM 502 OR 530.1) MAY BE NECESSARY TO SAFELY IMPLEMENT TRAFFIC CONTROL PLAN AND AS REQUIRED BY COSA ROW PERMITTING.
- ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST VERSION OF THE CITY OF SAN ANTONIO AND TXDOT STANDARD DETAILS AND TRAFFIC CONTROL STANDARDS AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), PART VI. FIELD MODIFICATIONS MAY BE MADE TO ADDRESS LOCAL CONDITIONS WITH THE APPROVAL OF THE COSA ROW DEPARTMENT.
- CONTRACTOR SHALL PROVIDE VEHICULAR INGRESS AND EGRESS ACCESS TO AT LEAST ONE DRIVEWAY PER PROPERTY AT ALL TIMES UNLESS OTHERWISE DIRECTED. NO SEPARATE PAYMENT SHALL BE MADE FOR MAINTAINING ACCESS TO DRIVEWAYS.
- ACCESS TO PROPERTIES AND BUSINESSES ADJACENT TO THE RIGHT-OF-WAY MUST BE PROVIDED AND MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL CONTACT BUSINESSES OR PROPERTY OWNERS AT LEAST 5 DAYS PRIOR TO ANY DRIVEWAY CLOSURE. IF THE PROPERTY HAS MORE THAN ONE DRIVEWAY, THEY SHALL BE CLOSED ONLY ONE AT A TIME. IF THE PROPERTY ONLY HAS ONE ACCESS, THE DRIVEWAY SHALL BE CLOSED IN HALF SECTIONS. FLAGGERS MAY BE REQUIRED TO SAFELY CONTROL TRAFFIC ENTERING AND EXITING DRIVEWAYS THAT ARE LIMITED TO ONE-WAY TRAFFIC DUE TO THE TEMPORARY CLOSURE OF HALF SECTIONS OF DRIVEWAY TO COMPLETE WORK.
- ANY DAMAGE TO SIDEWALK OR CONCRETE SHOULDER OUTSIDE THE TRENCH AND WORK AREA DURING CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR TO EXISTING OR BETTER CONDITION MEETING CURRENT COSA STANDARDS AT NO ADDITIONAL COST TO SAWS.
- TEMPORARY PAVEMENT MARKINGS FOR TEMPORARY DIVISION OF TRAFFIC FOR THE CONSTRUCTION DURATION MAY BE REQUIRED FOR THE TRAFFIC CONTROL SETUP ON SITE NO. 1 FREDERICKSBURG RD INCLUDING PLACEMENT OF TEMPORARY MARKINGS, REMOVAL OF TEMPORARY MARKINGS AND REFRESH OF PERMANENT MARKINGS AS REQUIRED BY COSA ROW AND SHALL BE INCLUDED IN THE RELATED TCP BID ITEM 502 OR 530.1. CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED FOR LONG TERM TCP SETUP (NSPI).
- NIGHT WORK MAY BE NECESSARY TO COMPLETE MILL AND OVERLAY PAVEMENT RESTORATION AND REFRESH OF PAVEMENT MARKINGS SO TO MINIMIZE IMPACT TO PEAK HOUR TRAFFIC ON FREDERICKSBURG RD AT NO ADDITIONAL COST TO SAWS; CONTRACTOR SHALL COORDINATE FOR TRAFFIC CONTROL SETUP AND APPROVAL WITH COSA ROW IN ADVANCE OF ANY PLANNED NIGHT WORK.
- NIGHT WORK IS ANTICIPATED FOR SITE NO. 1 FREDERICKSBURG RD TO COMPLETE WATER MAIN TIE -INS FOR WATER IMPROVEMENTS AND SHOULD BE COORDINATED WITH RESIDENTS AND BUSINESSES FOR TEMPORARY WATER MAIN SHUTDOWN (SEE SC 2.7) AND COSA ROW IN ADVANCE FOR TRAFFIC CONTROL SETUP AND WILL BE NO SEPARATE PAY ITEM.
- ALL CHANNELIZING DEVICES AND SIGN PLACEMENT MUST CONFORM TO THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) AND TXDOT STANDARDS, UNLESS OTHERWISE NOTED ON PLANS.
- ADVANCE WARNING SIGN PLACEMENT SHALL NOT CONFLICT WITH EXISTING PERMANENT SIGNAGE.
- FOR THE SAFETY OF THE PUBLIC, TRAFFIC CONTROL DEVICES SUCH AS WATER-FILLED BARRIERS OR APPROVED EQUAL SHALL BE CONSIDERED FOR THE TEMPORARY DIVISION OF TWO-WAY TRAFFIC DURING CONSTRUCTION.
- DETOUR ROUTES AS SHOWN ON SHEET 47 FOR THE NORTHBOUND AND SOUTHBOUND TRAFFIC ON FREDERICKSBURG RD WILL BE REQUIRED TO PROVIDE SAFE ACCESS TO BUSINESSES WHOSE DRIVEWAYS MAY BE RESTRICTED WITHIN THE WORK AREA. IF THE CONTRACTOR CHOOSES TO DEVIATE FROM THE CONCEPTUAL DETOUR ROUTES PROVIDED IN THE PLANS, CONTRACTOR SHALL SUBMIT A REVISED DETOUR PLAN FOR SAWS AND COSA ROW REVIEW AND APPROVAL.

LEGEND

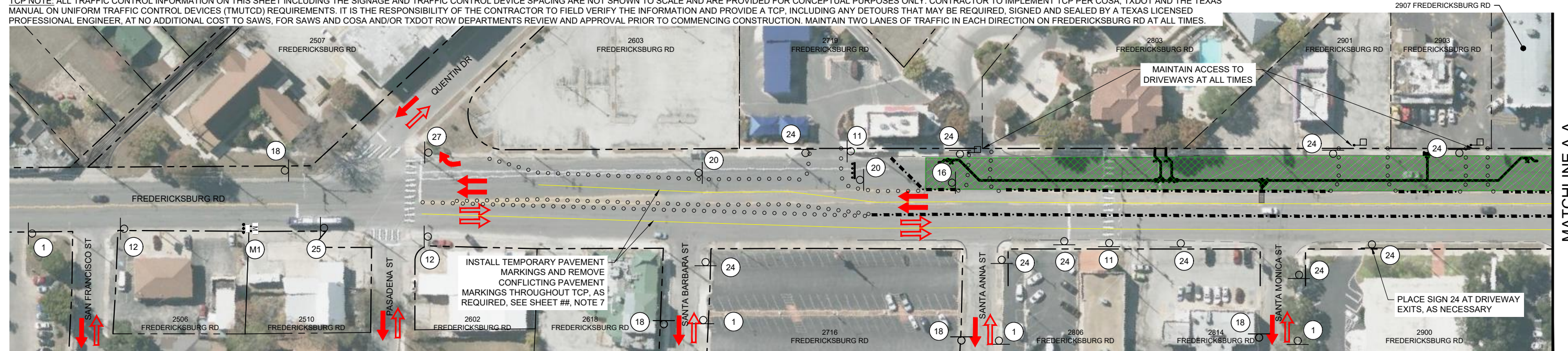
- DETOUR ROUTE
- TRAFFIC DIRECTION
- CONSTRUCTION AREA
- TYPE III BARRICADE (8')
- CHANNELIZING DEVICE
- TEMP. PAVEMENT MARKING
- WATER-FILLED BARRIERS
- SIGN
- TRAILER MOUNTED FLASHING ARROW BOARD
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- CONCEPTUAL BYPASS ROUTE
- DIRECT BURY WITH ASPHALT REPAIR
- FLOW THROUGH RAMP
- POTENTIAL ACCESS ROUTE
- POTENTIAL STAGING AREA
- MILL AND OVERLAY

100% SUBMITTAL

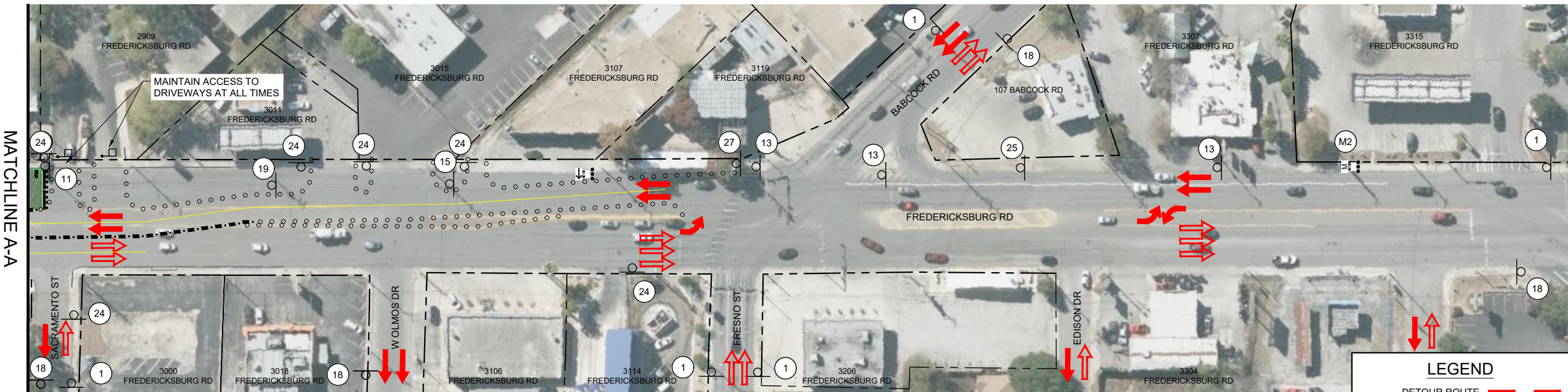


Lockwood, Andrews & Newnam, Inc. A LEO A DALY COMPANY TBPE REGISTRATION NO: F-2614				
1	ADDENDUM NO. 1	TRM	AJW	5/24/23
NO.	REVISION	DRAWN	APPROVED	DATE
REVISIONS				
SAWS 2021 INFLOW REDUCTION PACKAGE 1 FREDERICKSBURG RD TRAFFIC CONTROL PLAN NOTES				
DEVELOPER:				
CONT.		BUDGET PROJ.		
SUBMITTED				
APPROVED				
MAP NO. 148594		SHEET		
SECT. NO.				43
DR. TRM	CK. AJW	JOB NO. 21-4517		OF 53

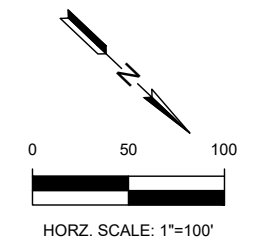
TCP NOTE: ALL TRAFFIC CONTROL INFORMATION ON THIS SHEET INCLUDING THE SIGNAGE AND TRAFFIC CONTROL DEVICE SPACING ARE NOT SHOWN TO SCALE AND ARE PROVIDED FOR CONCEPTUAL PURPOSES ONLY. CONTRACTOR TO IMPLEMENT TCP PER COSA, TXDOT AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE INFORMATION AND PROVIDE A TCP, INCLUDING ANY DETOURS THAT MAY BE REQUIRED, SIGNED AND SEALED BY A TEXAS LICENSED PROFESSIONAL ENGINEER, AT NO ADDITIONAL COST TO SAWS, FOR SAWS AND COSA AND/OR TXDOT ROW DEPARTMENTS REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION ON FREDERICKSBURG RD AT ALL TIMES.



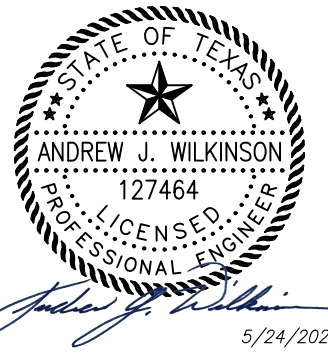
M1 PHASE 1: UTILITY WORK AHEAD
PHASE 2: LEFT LANE CLOSED AHEAD



MATCHLINE A-A

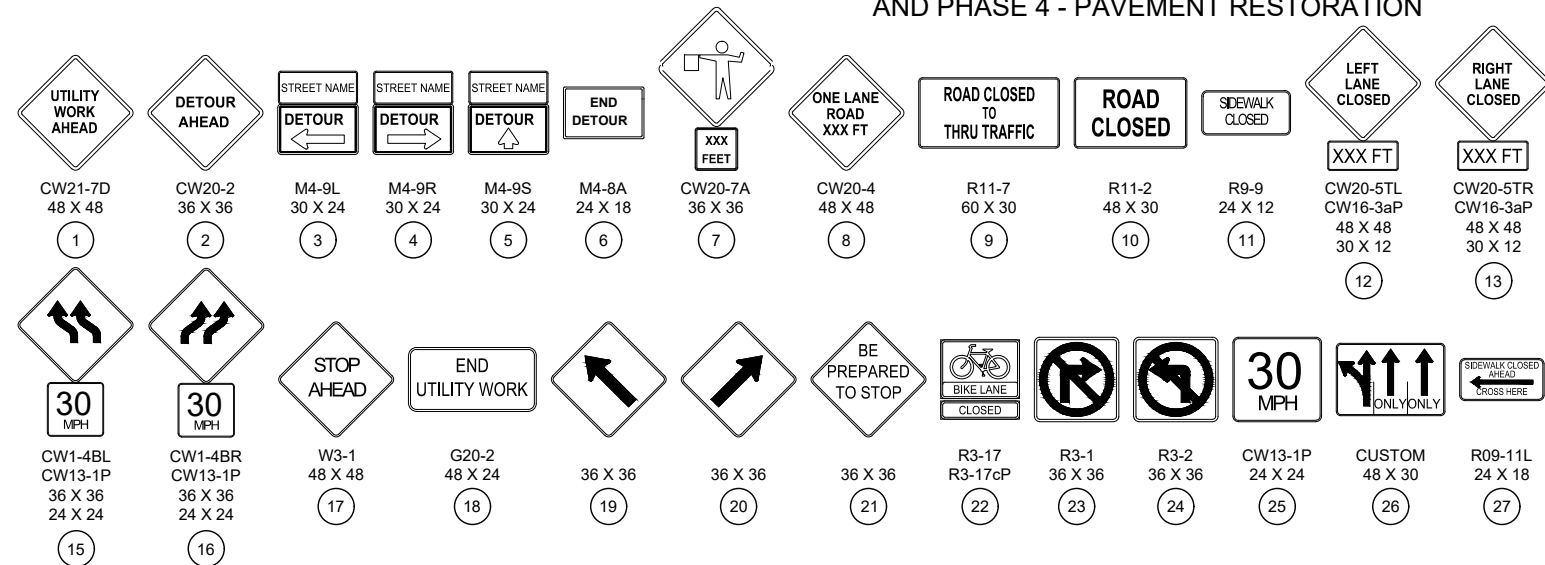


100% SUBMITTAL



CONCEPTUAL TRAFFIC CONTROL PLAN - PHASE 1 WATER IMPROVEMENTS AND PHASE 4 - PAVEMENT RESTORATION

M2 PHASE 1: UTILITY WORK AHEAD
PHASE 2: RIGHT LANE CLOSED AHEAD



NOTES:

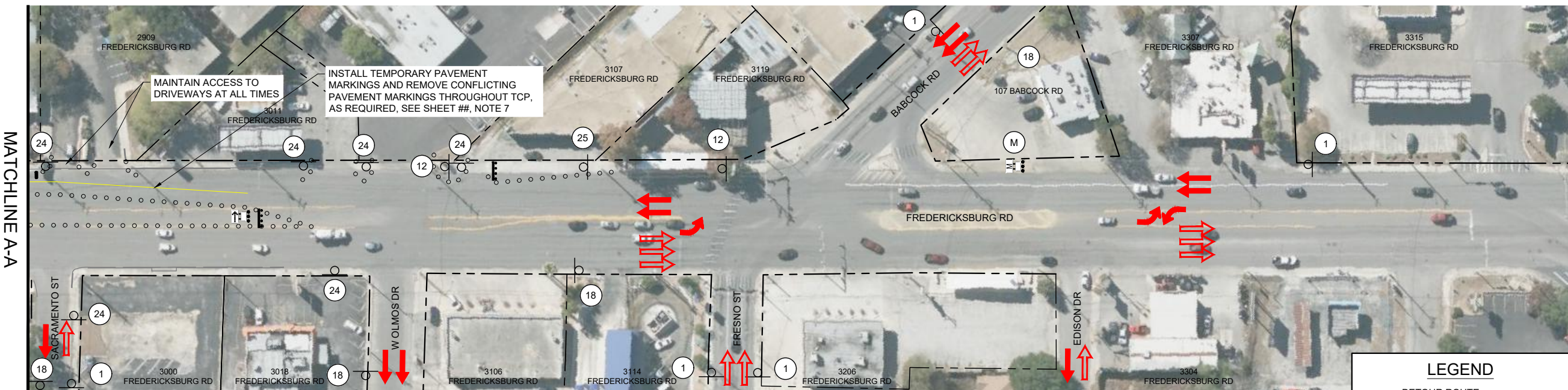
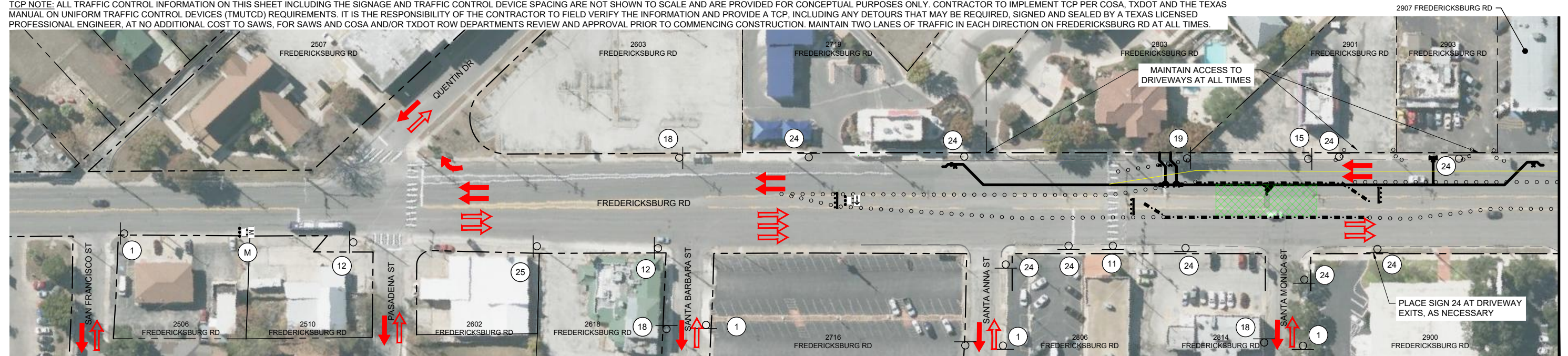
- PHASE 1 CONCEPTUAL TCP FOR WATER IMPROVEMENTS INCLUDING TIE-INS AT NORTH AND SOUTH ENDS OF NEW WATER MAIN FOR SITE NO. 1 FREDERICKSBURG RD. SEE PHASE 2 CONCEPTUAL TCP NEXT SHEET FOR THIRD TIE-IN AT SANTA MONICA ST WATER MAIN BRANCH.
- SETUP DETOUR ROUTES AS SHOWN ON SHEET 47 TO PROVIDE ACCESS FOR NO LEFT TURN NORTHBOUND AND SOUTHBOUND TRAFFIC ON FREDERICKSBURG RD TO TURN AROUND AND ACCESS BUSINESSES WITHIN WORK AREA.
- FOLLOWING COMPLETION OF WATER IMPROVEMENTS, WATER MAIN TIE-INS AND SEWER IMPROVEMENTS, SETUP PHASE 4 CONCEPTUAL TCP FOR PAVEMENT RESTORATION SHOWN ON THIS SHEET.
- NIGHT WORK MAY BE NECESSARY FOR WATER MAIN TIE-INS AND PAVEMENT RESTORATION INCLUDING REFRESH OF PAVEMENT MARKINGS SO TO MINIMIZE IMPACT TO PEAK HOUR TRAFFIC ON FREDERICKSBURG RD AT NO ADDITIONAL COST TO SAWS. CONTRACTOR SHALL COORDINATE ALL PLANNED NIGHT WORK IN ADVANCE WITH COSA ROW AND SAWS TO OBTAIN APPROVAL.
- AT THE END OF EACH WORKDAY, CONTRACTOR SHALL COVER ALL OPEN TRENCHES. NO TRENCH SHALL REMAIN OPEN OVERNIGHT UNLESS CONTRACTOR IS APPROVED FOR NIGHT WORK. UPON COMPLETION OF NIGHT WORK, ALL OPEN TRENCHES SHALL BE COVERED.
- SEE TRAFFIC CONTROL PLAN NOTES ON SHEET 6 AND 43.

LEGEND	
DETOUR ROUTE	
TRAFFIC DIRECTION	
CONSTRUCTION AREA	
TYPE III BARRICADE (8')	
CHANNELIZING DEVICE	
WATER-FILLED BARRIERS	
SIGN	
CONCEPTUAL BYPASS ROUTE	
DIRECT BURY WITH ASPHALT REPAIR	
FLOW THROUGH RAMP	
POTENTIAL ACCESS ROUTE	
POTENTIAL STAGING AREA	
MILL AND OVERLAY	

TBPE REGISTRATION NO: F-2614			
1	ADDENDUM NO. 1	TRM	AJW
NO.	REVISION	DRAWN	APPROVED
DATE: 5/24/23			
REVISIONS			
SAWS 2021 INFLOW REDUCTION PACKAGE 1			
SITE NO. 1 FREDERICKSBURG RD CONCEPTUAL TCP SHEETS 1 OF 4			
DEVELOPER:		BUDGET PROJ.	
SUBMITTED:		APPROVED:	
MAP NO. 148594		SHEET 44 OF 53	
SECT. NO.		JOB NO. 21-4517	
DR. TRM		CK. AJW	

FILE: C:\NP-TCP-PLAN_IR_Pkg.dwg PLOTTED: 5/24/2023 10:11 AM BY: MOHRE, TYLER

TCP NOTE: ALL TRAFFIC CONTROL INFORMATION ON THIS SHEET INCLUDING THE SIGNAGE AND TRAFFIC CONTROL DEVICE SPACING ARE NOT SHOWN TO SCALE AND ARE PROVIDED FOR CONCEPTUAL PURPOSES ONLY. CONTRACTOR TO IMPLEMENT TCP PER COSA, TXDOT AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE INFORMATION AND PROVIDE A TCP, INCLUDING ANY DETOURS THAT MAY BE REQUIRED, SIGNED AND SEALED BY A TEXAS LICENSED PROFESSIONAL ENGINEER, AT NO ADDITIONAL COST TO SAWS, FOR SAWS AND COSA AND/OR TXDOT ROW DEPARTMENTS REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION ON FREDERICKSBURG RD AT ALL TIMES.



CONCEPTUAL TRAFFIC CONTROL PLAN - PHASE 2 WATER MAIN TIE-IN AT SANTA MONICA ST WATER MAIN BRANCH

(M) PHASE 1: UTILITY WORK AHEAD
PHASE 2: LEFT LANE CLOSED AHEAD

 CW21-7D 48 X 48 1	 CW20-2 36 X 36 2	 M4-9L 30 X 24 3	 M4-9R 30 X 24 4	 M4-9S 30 X 24 5	 M4-8A 24 X 18 6	 CW20-7A 36 X 36 7	 CW20-4 48 X 48 8	 R11-7 60 X 30 9	 R11-2 48 X 30 10	 R9-9 24 X 12 11	 CW20-STL CW16-3aP 48 X 48 30 X 12 12	 CW20-STR CW16-3aP 48 X 48 30 X 12 13
 CW1-4BL CW13-1P 36 X 36 24 X 24 15	 CW1-4BR CW13-1P 36 X 36 24 X 24 16	 W3-1 48 X 48 17	 G20-2 48 X 24 18	 36 X 36 19	 36 X 36 20	 R3-17 R3-17cP 36 X 36 22	 R3-1 36 X 36 23	 R3-2 36 X 36 24	 CW13-1P 24 X 24 25	 CUSTOM 48 X 30 26	 R09-11L 24 X 18 27	

- NOTES:
- PHASE 2 CONCEPTUAL TCP FOR WATER MAIN TIE-IN AT SANTA MONICA ST WATER MAIN BRANCH AND SUBSEQUENT PAVEMENT RESTORATION OF SITE NO. 1 FREDERICKSBURG RD.
 - SETUP DETOUR ROUTES AS SHOWN ON SHEET 47 TO PROVIDE ACCESS FOR NO LEFT TURN NORTHBOUND AND SOUTHBOUND TRAFFIC ON FREDERICKSBURG RD TO TURN AROUND AND ACCESS BUSINESSES WITHIN WORK AREA.
 - FOLLOWING COMPLETION OF WATER IMPROVEMENTS, WATER MAIN TIE-INS AND SEWER IMPROVEMENTS, SETUP PHASE 4 CONCEPTUAL TCP FOR PAVEMENT RESTORATION AS SHOWN ON SHEET 44.
 - NIGHT WORK MAY BE NECESSARY FOR WATER MAIN TIE-INS AND PAVEMENT RESTORATION INCLUDING REFRESH OF PAVEMENT MARKINGS SO TO MINIMIZE IMPACT TO PEAK HOUR TRAFFIC ON FREDERICKSBURG RD AT NO ADDITIONAL COST TO SAWS. CONTRACTOR SHALL COORDINATE ALL PLANNED NIGHT WORK IN ADVANCE WITH COSA ROW AND SAWS TO OBTAIN APPROVAL.
 - AT THE END OF EACH WORKDAY, CONTRACTOR SHALL COVER ALL OPEN TRENCHES. NO TRENCH SHALL REMAIN OPEN OVERNIGHT UNLESS CONTRACTOR IS APPROVED FOR NIGHT WORK. UPON COMPLETION OF NIGHT WORK, ALL OPEN TRENCHES SHALL BE COVERED.
 - SEE TRAFFIC CONTROL PLAN NOTES ON SHEET 6 AND 43.

LEGEND

- DETOUR ROUTE:
- TRAFFIC DIRECTION:
- CONSTRUCTION AREA:
- TYPE III BARRICADE (8'):
- CHANNELIZING DEVICE:
- WATER-FILLED BARRIERS:
- SIGN:
- CONCEPTUAL BYPASS ROUTE:
- DIRECT BURY WITH ASPHALT REPAIR:
- FLOW THROUGH RAMP:
- POTENTIAL ACCESS ROUTE:
- POTENTIAL STAGING AREA:
- MILL AND OVERLAY:

0 50 100
HORZ. SCALE: 1"=100'
100% SUBMITTAL

STATE OF TEXAS
ANDREW J. WILKINSON
127464
LICENSED PROFESSIONAL ENGINEER
5/24/2023

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY
TBPE REGISTRATION NO: F-2614

1	ADDENDUM NO. 1	TRM	AJW	5/24/23
NO.	REVISION	DRAWN	APPROVED	DATE

REVISIONS

SAWS 2021 INFLOW REDUCTION PACKAGE 1
SITE NO. 1 FREDERICKSBURG RD
CONCEPTUAL TCP SHEETS 2 OF 4

DEVELOPER: _____
CONT. _____ BUDGET PROJ. _____

SUBMITTED: _____
APPROVED: _____

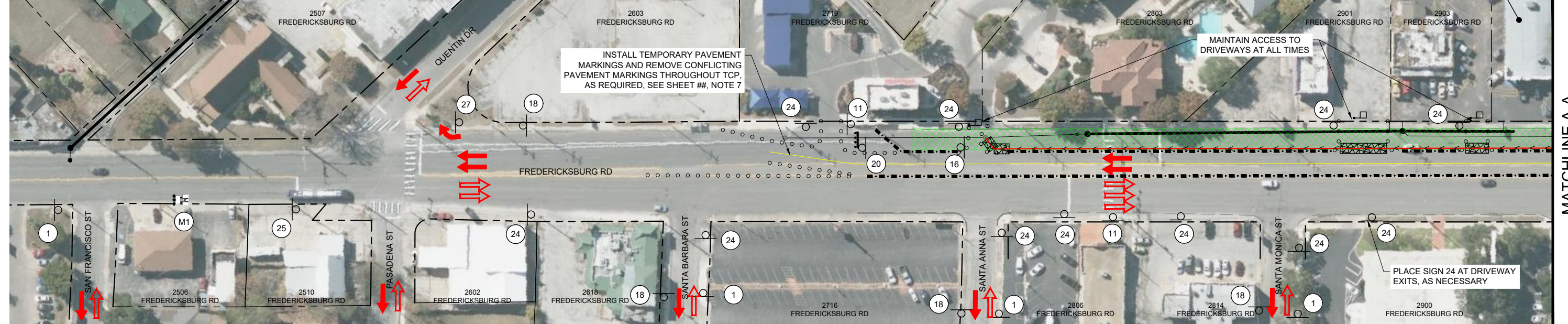
MAP NO. 148594 SHEET 45 OF 53
SECT. NO. _____
DR. TRM CK. AJW JOB NO. 21-4517

FILE: C:\NP-TCP-PLAN_IR_PKG.dwg PLOTTED: 5/24/2023 10:11 AM BY: MOHRE, TYLER

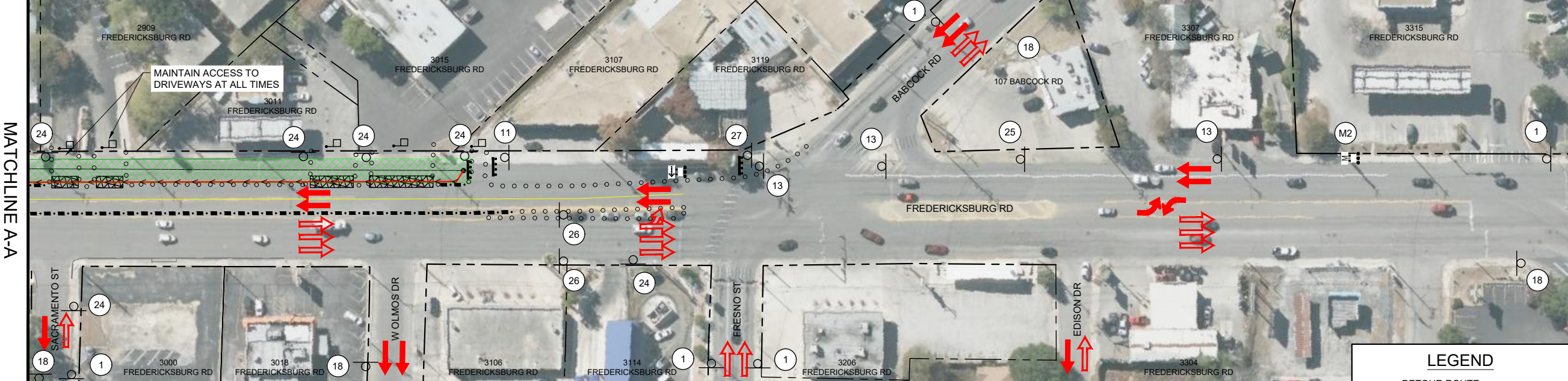
MATCHLINE A-A

MATCHLINE A-A

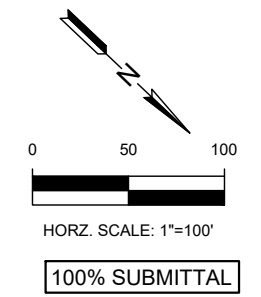
TCP NOTE: ALL TRAFFIC CONTROL INFORMATION ON THIS SHEET INCLUDING THE SIGNAGE AND TRAFFIC CONTROL DEVICE SPACING ARE NOT SHOWN TO SCALE AND ARE PROVIDED FOR CONCEPTUAL PURPOSES ONLY. CONTRACTOR TO IMPLEMENT TCP PER COSA, TXDOT AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE INFORMATION AND PROVIDE A TCP, INCLUDING ANY DETOURS THAT MAY BE REQUIRED, SIGNED AND SEALED BY A TEXAS LICENSED PROFESSIONAL ENGINEER, AT NO ADDITIONAL COST TO SAWS, FOR SAWS AND COSA AND/OR TXDOT ROW DEPARTMENTS REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION ON FREDERICKSBURG RD AT ALL TIMES.



M1 PHASE 1: UTILITY WORK AHEAD
PHASE 2: TURN LANE CLOSED AHEAD

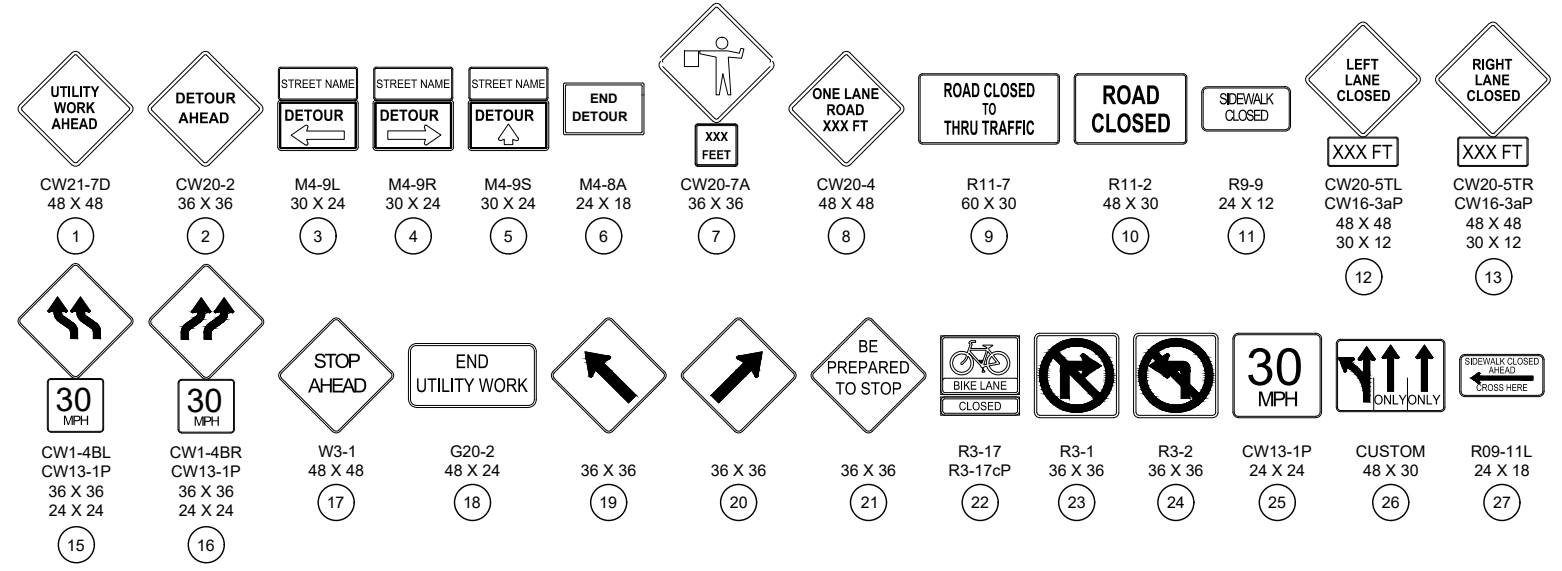


MATCHLINE A-A



CONCEPTUAL TRAFFIC CONTROL PLAN - PHASE 3 SEWER IMPROVEMENTS

M2 PHASE 1: UTILITY WORK AHEAD
PHASE 2: RIGHT LANE CLOSED AHEAD



NOTES:

- PHASE 3 CONCEPTUAL TCP FOR SEWER MAIN IMPROVEMENTS OF SITE NO. 1 FREDERICKSBURG RD.
- SETUP DETOUR ROUTES AS SHOWN ON SHEET 47 TO PROVIDE ACCESS FOR NO LEFT TURN NORTHBOUND AND SOUTHBOUND TRAFFIC ON FREDERICKSBURG RD TO TURN AROUND AND ACCESS BUSINESSES WITHIN WORK AREA.
- FOLLOWING COMPLETION OF WATER IMPROVEMENTS, WATER MAIN TIE-INS AND SEWER IMPROVEMENTS, SETUP PHASE 4 CONCEPTUAL TCP FOR PAVEMENT RESTORATION AS SHOWN ON SHEET 44.
- AT THE END OF EACH WORKDAY, CONTRACTOR SHALL COVER ALL OPEN TRENCHES. NO TRENCH SHALL REMAIN OPEN OVERNIGHT UNLESS CONTRACTOR IS APPROVED FOR NIGHT WORK. UPON COMPLETION OF NIGHT WORK, ALL OPEN TRENCHES SHALL BE COVERED.
- SEE TRAFFIC CONTROL PLAN NOTES ON SHEET 6 AND 43.

LEGEND	
DETOUR ROUTE	
TRAFFIC DIRECTION	
CONSTRUCTION AREA	
TYPE III BARRICADE (8')	
CHANNELIZING DEVICE	
WATER-FILLED BARRIERS	
SIGN	
CONCEPTUAL BYPASS ROUTE	
DIRECT BURY WITH ASPHALT REPAIR	
FLOW THROUGH RAMP	
POTENTIAL ACCESS ROUTE	
POTENTIAL STAGING AREA	
MILL AND OVERLAY	

LOCKWOOD, ANDREWS & NEWNAM, INC. A LEO A DALY COMPANY TBPE REGISTRATION NO: F-2614			
1	ADDENDUM NO. 1	TRM	AJW
NO.	REVISION	DRAWN	APPROVED
REVISIONS			
SAWS 2021 INFLOW REDUCTION PACKAGE 1			
SITE NO. 1 FREDERICKSBURG RD CONCEPTUAL TCP SHEETS 3 OF 4			
DEVELOPER:		BUDGET PROJ.	
SUBMITTED:		APPROVED:	
MAP NO. 148594		SHEET	
SECT. NO.	DR. TRM	CK. AJW	JOB NO. 21-4517
			46 OF 53

FILE: C:\NP-TCP-PLAN_IR_Pkg.dwg PLOTTED: 5/24/2023 10:11 AM BY: MOHRE, TYLER

TCP NOTE: ALL TRAFFIC CONTROL INFORMATION ON THIS SHEET INCLUDING THE SIGNAGE AND TRAFFIC CONTROL DEVICE SPACING ARE NOT SHOWN TO SCALE AND ARE PROVIDED FOR CONCEPTUAL PURPOSES ONLY. CONTRACTOR TO IMPLEMENT TCP PER COSA, TXDOT AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE INFORMATION AND PROVIDE A TCP, INCLUDING ANY DETOURS THAT MAY BE REQUIRED, SIGNED AND SEALED BY A TEXAS LICENSED PROFESSIONAL ENGINEER, AT NO ADDITIONAL COST TO SAWS, FOR SAWS AND COSA AND/OR TXDOT ROW DEPARTMENTS REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION ON FREDERICKSBURG RD AT ALL TIMES.

Utility Work Ahead: CW21-7D 48 X 48 (1)

Detour Ahead: CW20-2 36 X 36 (2)

Street Name Detour: M4-9L 30 X 24 (3), M4-9R 30 X 24 (4), M4-9S 30 X 24 (5)

End Detour: M4-8A 24 X 18 (6)

One Lane Road: CW20-7A 36 X 36 (7), CW20-4 48 X 48 (8)

Road Closed to Thru Traffic: R11-7 60 X 30 (9)

Road Closed: R11-2 48 X 30 (10)

Sidewalk Closed: R9-9 24 X 12 (11)

Left Lane Closed Ahead: W20-5L 36 X 36 (12)

Right Lane Closed Ahead: W20-5R 36 X 36 (13)

No Parking: R8-3 24 X 30 (14)

Stop Ahead: W1-4L 36 X 36 (15)

End Utility Work: W1-4R 36 X 36 (16)

Stop Ahead: W3-1 48 X 48 (17)

End Utility Work: G20-2 48 X 24 (18)

Left Turn: 36 X 36 (19)

Right Turn: 36 X 36 (20)

Be Prepared to Stop: 36 X 36 (21)

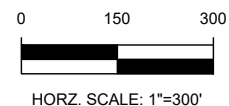
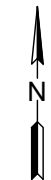
Bike Lane Closed: R3-17 R3-17cP (22)

No Right Turn: R3-1 36 X 36 (23)

No Left Turn: R3-2 36 X 36 (24)

NOTES:

- DETOUR ROUTES AS SHOWN FOR THE NORTHBOUND AND SOUTHBOUND TRAFFIC ON FREDERICKSBURG RD WILL BE REQUIRED TO PROVIDE SAFE ACCESS TO BUSINESSES WHOSE DRIVEWAYS MAY BE RESTRICTED WITHIN THE WORK AREA. IF THE CONTRACTOR CHOOSES TO DEVIATE FROM THE CONCEPTUAL DETOUR ROUTES PROVIDED IN THE PLANS, CONTRACTOR SHALL SUBMIT A REVISED DETOUR PLAN FOR SAWS AND COSA ROW REVIEW AND APPROVAL.
- SEE TRAFFIC CONTROL PLAN NOTES ON SHEET 6 AND ##.



100% SUBMITTAL

ANDREW J. WILKINSON
127464
LICENSED PROFESSIONAL ENGINEER
5/24/2023

LEGEND

- DETOUR ROUTE: - - - - -
- TRAFFIC DIRECTION: ← →
- CONSTRUCTION AREA: [Green hatched box]
- TYPE III BARRICADE (8'): [Three vertical bars]
- CHANNELIZING DEVICE: ○ ○ ○ ○ ○
- WATER-FILLED BARRIERS: - · - · - · - · - · - ·
- SIGN: ○
- CONCEPTUAL BYPASS ROUTE: ← →
- DIRECT BURY WITH ASPHALT REPAIR: [Diagonal hatched box]
- FLOW THROUGH RAMP: [Cross-hatched box]
- POTENTIAL ACCESS ROUTE: [Diagonal hatched box]
- POTENTIAL STAGING AREA: [Diagonal hatched box]
- MILL AND OVERLAY: [Grey shaded box]

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY
TBPE REGISTRATION NO: F-2614

NO.	ADDENDUM NO. 1	TRM	AJW	5/24/23
	REVISION	DRAWN	APPROVED	DATE

REVISIONS

SAWS 2021 INFLOW REDUCTION PACKAGE 1
SITE NO. 1 FREDERICKSBURG RD
CONCEPTUAL TCP SHEETS 4 OF 4

DEVELOPER: _____
CONT. _____ BUDGET PROJ. _____

SUBMITTED _____
APPROVED _____

MAP NO. 148594
SECT. NO. _____
DR. TRM CK. AJW JOB NO. 21-4517

SHEET 47 OF 53

FILE:CN-TCP-PLAN_IR_PKG.dwg PLOTTED: 5/24/2023 10:12 AM BY: MOHRE, TYLER

CONCEPTUAL TRAFFIC CONTROL PLAN - DETOUR ROUTES FOR TRAFFIC WITH NO LEFT TURN IN WORK AREA

