



CITY OF WACO

Purchasing Services
Post Office Box 2570
Waco, Texas 76702-2570
254 / 750-8062
Fax: 254 / 750-8063
www.waco-texas.com

Date: October 26, 2022
RFB No: 2022-081
Commodity: Operational Street Improvements (City Wide)
Contact: Paul Campos pcampos@wacotx.gov

Closing Time: 2:00 P.M., November 30, 2022

Opening Time: 2:01 P.M., November 30, 2022

Bid Opening Location: St. Waco, Texas (Via Zoom Video & Dial-in)

Addendum No: 2

The above-mentioned bid invitation has been changed in the following manner. **Sign and return addendum to the Purchasing Office by the closing time and date with your RFB response.** Returning this page signed by your authorized agent will serve to acknowledge this change. All other requirements of the invitation remain unchanged. If you have any questions, please call or stop by the Purchasing Office at the above address.

THE FOLLOWING IS BEING ISSUED AS ADDENDUM NO. 2

PLEASE REVIEW THE FOLLOWING PAGES

- Revised Construction days, Base 210 and add alternates 40 working days.
- Revised drawing sheets,

Firm: _____

Address _____

Signature of Person
Authorized to Sign Bid: _____

Signor's Name and Title
(print or type): _____

Date: _____ Telephone: _____ Fax: _____

S:\Engineering\PROJECTS\PROJECTS ACTIVE\2022 Street Preservation Ph 3-Concrete Work Only\300 Engineering Services\300.03 Design\2022 Street Preservation Ph 2.dwg PLOT DATE: 10/24/2022 5:30 PM by DOROTHY GONZALES

Operational Street Improvements (City-Wide) (18ST2201F, 18ST2202F)

6. EROSION CONTROL

- 6.1. In accordance with City of Waco Code of Ordinances Chapter 26 Article VIII Division 1 Section 26-326 h and I, the Contractor shall prepare and submit an erosion control plan for review and approval as follows:
- 6.1.1. Upload designed erosion control plan to Projectmates AND email to the Watershed Protection Division at Stormwater@wacotx.gov.
 - 6.1.2. Erosion control plan shall be approved and implemented prior to any construction activity.
 - 6.1.3. Watershed Compliance Team may inspect erosion control devices throughout the duration of construction.
 - 6.1.4. Contractor shall remove all erosion control devices once final stabilization is achieved.
 - 6.1.5. Contractor shall be responsible for meeting any regulatory requirements across the entire project site.

7. PERMITS – NOT USED

8. SCHEDULE AND CONSTRAINTS

- 8.1. The pre-construction meeting will be scheduled by City of Waco staff after receipt of executed contracts. The construction schedule for the Base Bid is set at **210 160-working days**, beginning on the Notice to Proceed date and ending on the date of final acceptance. The Notice to Proceed will be issued after completion of the pre-construction meeting. For each Add Alternate selected, the City will add **40 20-working days** to the schedule.
- 8.2. A Working Day is defined as any day of the week, not including Saturdays, Sundays, or Legal Holidays during which conditions under the CONTRACTOR's control will permit work for a continuous period of not less than seven (7) hours between 7:00 a.m. and 6:00 p.m. Upon agreement with the Owner's Representative, work on Saturdays, Sundays and/or Legal Holidays may be allowed and will be considered a Working Day.
- 8.3. The project schedule includes time to:
- 8.3.1. Develop, submit, review, approve and implement the SW3P/erosion control plan;
 - 8.3.2. Develop, submit, review, and approve safety and material submittals;
 - 8.3.3. Attend all meetings including, but not limited to:
 - Preconstruction
 - Construction Progress
 - 8.3.4. Complete and commission the Work;
 - 8.3.5. Complete the project closure activities and paperwork.
- 8.4. **Construction Constraints:** The City will be starting surface treatment (microsurface, modified thin overlay mix, or mill and overlay) on each of the streets in this Project once the work is complete. The surface treatment work will be bid and awarded separately from this Project. To ensure the surface treatment work can begin in a timely manner, **the Contractor**

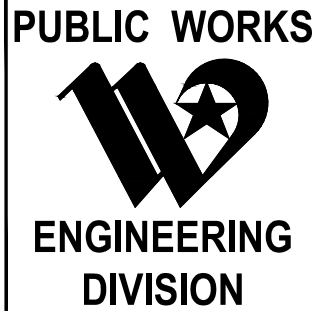
Operational Street Improvements (City-Wide) (18ST2201F, 18ST2202F)

shall complete the Base Bid work first and then complete each Add Alternate selected (in numerical order) before moving on to the next Add Alternate.

- 8.5. The Contractor shall maintain a work force adequate to accomplish the work within the contract time. The Contractor agrees to employ only orderly, competent, and knowledgeable workers, skillful in performance of the type of work required under this contract.
- 8.6. Contractor's representative (City of Waco Standard Specifications for Construction, General Provisions, Section 8.7, page 58) - "Before starting work, the Contractor shall designate in writing a representative who shall have complete authority to act for it. . . The representative or alternate shall be present at the Work site whenever work is in progress . . ."
- 8.7. The Contractor shall provide an approved baseline construction schedule within two weeks following the notice to proceed date. The schedule shall be in a Gantt, CPM, or PERT format suitable to depict the project work plan.
- 8.8. The Contractor shall supply the Project Engineer with a tentative schedule at least ten (10) days in advance of placement, along with weekly schedule.
- 8.9. The Contractor shall also provide updated schedules as warranted by the progress of the work or as requested by Project Engineer or Representative.
- 8.10. Work in conflict with special events or ongoing utility work may be suspended, delayed, or redirected when determined by the City at no additional expense to the City.

9. PROJECT COMPLETION

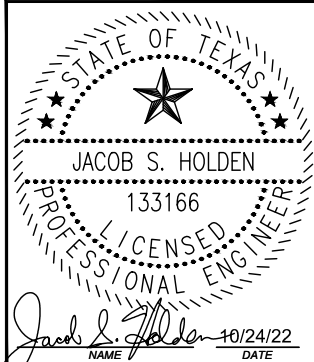
- 9.1. It is expected that the Contractor shall complete the "final" phase of the project in no more than ten (10) working days after completion of pay items, within the constraints of the "Schedule" section of these provisions.
- 9.2. When the Contractor completes all work or pay items, the Contractor shall submit a written request for a punch list. At the time this is submitted, contract days will temporarily cease accruing.
- 9.3. The EI will coordinate a "walk of the project" with the Contractor and other City representatives and soon after will issue the punch list. At the time of issuance of the punch list, the contract days will resume accruing.
- 9.4. When the Contractor deems all punch list items are complete, the Contractor shall submit a written request for a final inspection.
- 9.5. When the EI finds all items complete to their satisfaction the EI shall submit a letter of final acceptance. At this time, contract time will stop. The letter will request the Contractor submit a one-year guarantee and an all bills paid affidavit, both notarized.
 - 9.5.1. The final acceptance letter will include an accurate description of the Work being accepted.
 - 9.5.2. If private property is used the EI shall receive from the Contractor a written release from the property owner accepting the condition of their property.
 - 9.5.3. Once the guarantee and affidavit are received the project will be deemed final.
- 9.6. **Warranty** – (City of Waco Standard Specifications for Construction, General Provisions, Section 7.7, page 51). The EI will schedule a warranty walk approximately eleven (11)



OPERATIONAL STREET IMPROVEMENTS
(CITY-WIDE)

SPECIAL PROJECT PROVISIONS

1	ADDENDUM 2	10/22
NO.	REVISION	DATE



Design: DAG	Approved: JR
Checked: JSH	Project Mgr.: JSH

Project No: 18ST2201F	Sheet No. C006
Sheet Size: 11x17	
Issue Date: OCTOBER 2022	

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Operational Street Improvements (City-Wide) (18ST2201F, 18ST2202F)

- of the City of Waco Standard Specifications for Construction). See Base Failure Repair detail in the plans for additional requirements.
- 13.2. Though the City’s Public Works Department has no minimum curing time requirement for the CLSM for base repairs, the Contractor shall work diligently to minimize the impacts to the public. Pavement may be placed directly upon the CLSM as soon as the surface will withstand the paving process without displacement or disruption. If the placement of the CLSM is not completed in time and/or weather conditions are not suitable to allow permanent paving to be completed the same day, the Contractor shall utilize traffic control devices to prevent traffic contact with the CLSM until paving is completed. Base repair work shall be sequenced such that a lane of traffic will remain open at all times, which may require the work to be done in multiple sections.
- 13.3. Removal of all material shall be subsidiary to the Base Failure Repair bid item.

14. CEMENT TREATED BASE (PUG BASE)

- 14.1. As shown on Sheet C408, the Contractor shall utilize Cement Treated Base (Pug Base) for the section of road to be reconstructed in accordance with City of Waco Standard Specifications for Construction, Section 2.3.C.

15. CONCRETE CURB AND GUTTER, SIDEWALKS, ADA RAMPS, FILLETS, VALLEY GUTTERS, DRIVEWAYS, AND OTHER CONCRETE FACILITIES

- 15.1. The Contractor shall be responsible for construction of all concrete curb and gutter, sidewalks, ADA ramps, fillets, valley gutters, driveways, and other concrete facilities to meet existing grades as shown in the plans and described in all details and notes.
- 15.2. All work shown in the aforementioned concrete facility standard details shall be subsidiary to their respective bid items. **This work includes the Type D HMAc asphalt surface and concrete base tie-in (typically 2”) between the concrete facility and any adjacent pavement** required to provide a smooth transition between the existing pavement and the new concrete edge.
- 15.3. The Contractor shall work with property owners when working on or near driveways in order to ensure that access is maintained at all times.
- 15.4. **Limestone Curb Removal and Replacement:**
- 15.4.1. This Project includes removal of limestone curb. Contractor shall carefully remove the limestone curb, place it on a pallet and wrap it. Contractor shall coordinate with the EI and deliver the limestone curb to the City of Waco’s Operations storage yard at 7801 Monkey Run Road, between the hours of 8 A.M. and 5 P.M.
- 15.4.2. Sections of limestone curb to be removed and replaced with standard curb and gutter may be greater than 6 inches in height. To avoid excessive grade differences between edge of road and new gutter, Contractor shall extend height of curb by up to 4 inches (10-inch curb height). These sections of curb and gutter shall be paid for using the *Proposed Curb and Gutter (Extended Curb Height)* bid item.
- 15.5. The EI and Contractor will walk lanes to receive surface treatment and determine where curb and gutter replacement is required. The final decision will be the City’s. The unit price as bid will be used regardless of the quantity.

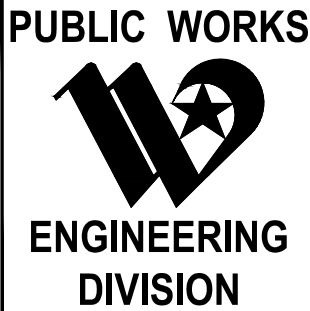
Operational Street Improvements (City-Wide) (18ST2201F, 18ST2202F)

16. WATER VALVE BOXES, MANHOLE LIDS

- 16.1. Manhole and water valve lids located in new concrete work (including concrete paving) shall be adjusted ~~and fitted with concrete diamonds~~ in accordance with the details provided in the plans.
- 16.2. Adjustment of manholes and valves shall be made to within ¼” of adjacent proposed grade. Manhole and water valve lids shall be adjusted in accordance with COW Standard Details, as well as the “Manhole Lid Height Adjustment” detail and “Valve Box Height Adjustment” detail in the plans. Note that abandoned valves may exist and will be addressed by the EI during construction. If old style valve boxes are encountered during the raising process, the Contractor shall replace them with boxes meeting the new details. All old style valve boxes shall be replaced to the full depth of the valve. The boxes will be either raised or replaced and paid for by the appropriate bid item. **Contractor will not be paid for both.** Salvage all water valve covers and deliver to the City’s Utilities Department at 200 Colcord Avenue.
- 16.3. The Contractor shall coordinate elevation adjustments of any “SWB Manholes” or AT&T manholes with Calvin Pewitt of AT&T who can be contacted at (254)757-7810 (office), (254)715-7869 (mobile) or at cp8237@att.com. Elevation adjustments to any other utility manholes encountered shall be coordinated by the Contractor.

17. PAVEMENT MARKINGS

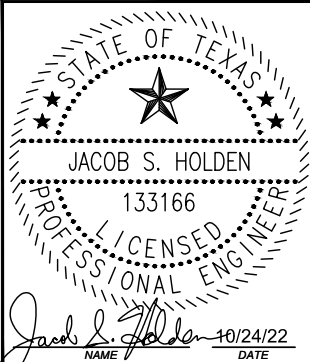
- 17.1. Temporary Markings shall be placed before lanes are open to traffic.
- 17.2. Place temporary traffic markings that meet the Texas Manual on Uniform Traffic Control Devices on all streets currently marked.
- 17.3. Placement of permanent markings on all streets shall be done as existing, unless indicated in plans. Markings shall meet the requirements of TxDOT Item 666, “Retroreflectorized Pavement Markings.” This shall include any non-overlaid concrete sections within the street limits.
- 17.3.1. Type 1 markings must meet the following minimum retroreflectivity values for edgeline markings, centerline or no passing barrier-line, and lane lines when measured any time after 3 days, but not later than 10 days after application:
- White markings: 250 millicandelas per square meter per lux (mcd/m2/lx)
 - Yellow markings: 175 mcd/m2/lx
- 17.3.2. Contractor shall complete the retroreflectivity testing in accordance with TxDOT Item 666 and shall provide written report with test results confirming conformance the required retroreflectivity values.
- 17.3.3. Surface preparation of concrete to receive pavement marking is required and shall be subsidiary to the various pavement marking bid items.
- 17.4. Placement of Raised Pavement Markers shall be done in accordance with TxDOT Item 672, “Raised Pavement Markers.”
- 17.5. Two-way left-turn use arrow pavement markings are to be placed, with 16 feet typical spacing, at or just downstream from the beginning of the two-way left-turn lane, as indicated in plans, per the Texas Manual on Uniform Traffic Control Devices, Section 3B.20.



OPERATIONAL STREET IMPROVEMENTS
(CITY-WIDE)

SPECIAL PROJECT PROVISIONS

1	ADDENDUM 2	10/22
NO.	REVISION	DATE



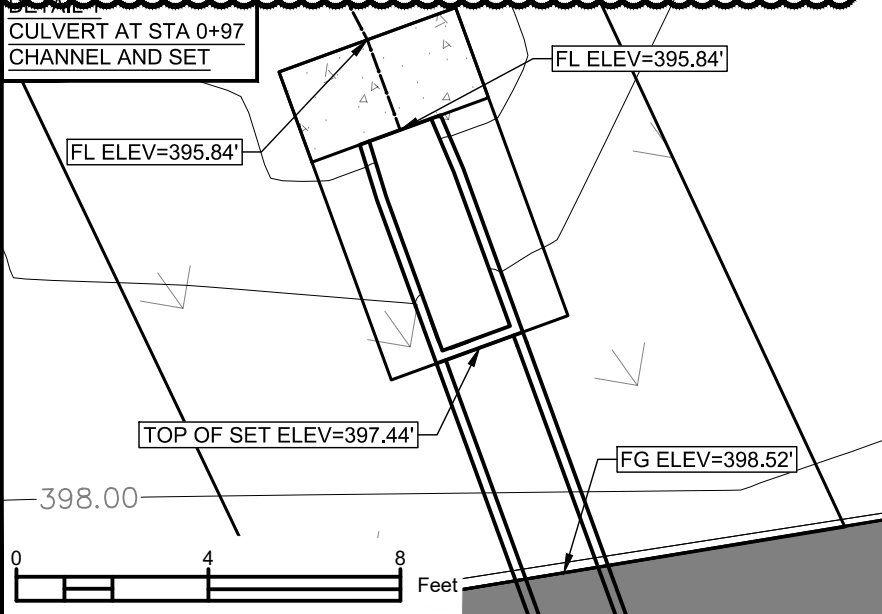
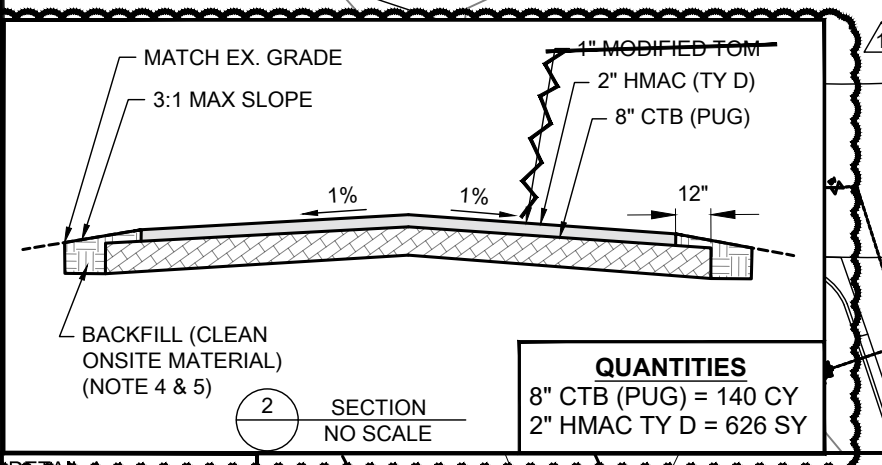
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Project No: 18ST2201F	Sheet No. C008
Sheet Size: 11x17	
Issue Date: OCTOBER 2022	

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NOTE:

1. CONTRACTOR SHALL USE CLEAN, EXCAVATED MATERIAL TO BACKFILL RR TRACK REMOVAL TRENCHES UP TO 6 INCHES BELOW EXISTING GRADE. THE TOP 6 INCHES SHALL BE TOPSOIL. THIS WORK SHALL BE SUBSIDIARY TO THE RR TRACK REMOVAL BID ITEM.
2. REMOVAL SHALL INCLUDE TRACKS, TIES, CONCRETE APPROACHES, AND ANY OTHER DELETERIOUS MATERIAL ASSOCIATED WITH THE RR TRACKS.
3. FOUNDATION COURSE (AS REQUIRED) TO PROVIDE FIRM, STABLE, AND UNIFORM PIPE SUPPORT PER STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 4.2, PART 2.A.2a COURSE CRUSHED ROCK. ALTERNATIVE ROCK SIZES SHALL BE PRE-APPROVED BY CITY ENGINEER.
4. CLEAN MATERIAL MAY BE USED TO BACKFILL EDGES OF ROAD.
5. SUBSIDIARY TO CTB BID ITEM.
6. CONTRACTOR SHALL USE CLEAN, EXCAVATED MATERIAL TO BACKFILL RR TRACK REMOVAL TRENCHES UP TO THE BOTTOM OF THE PROPOSED 8" CTB LAYER. THIS WORK SHALL BE SUBSIDIARY TO THE RR TRACK REMOVAL BID ITEM.



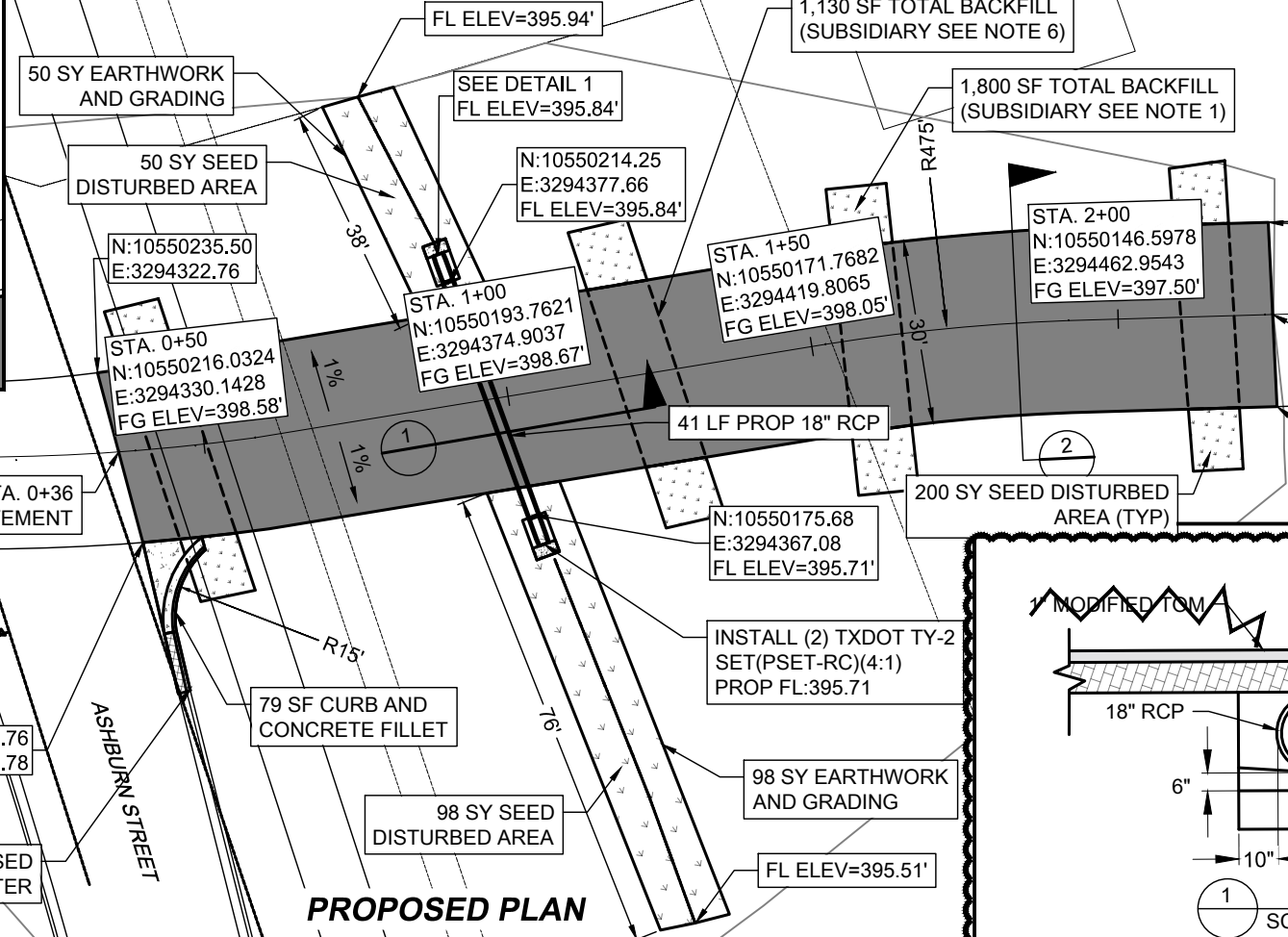
PEDESTRIAN IMPROVEMENT LEGEND	
R	RAMP
L	LANDING
	GRASS (BERMUDA - BLOCK SOD)
	SIDEWALK TIE IN (CONCRETE)
	WARNING STRIP
	PROPOSED CURB & GUTTER
	PROPOSED CURB
	PROPOSED GUTTER
	PROPOSED RAMP
	PROPOSED SIDEWALK
	PROPOSED ASPHALT TRANSITION

0+00

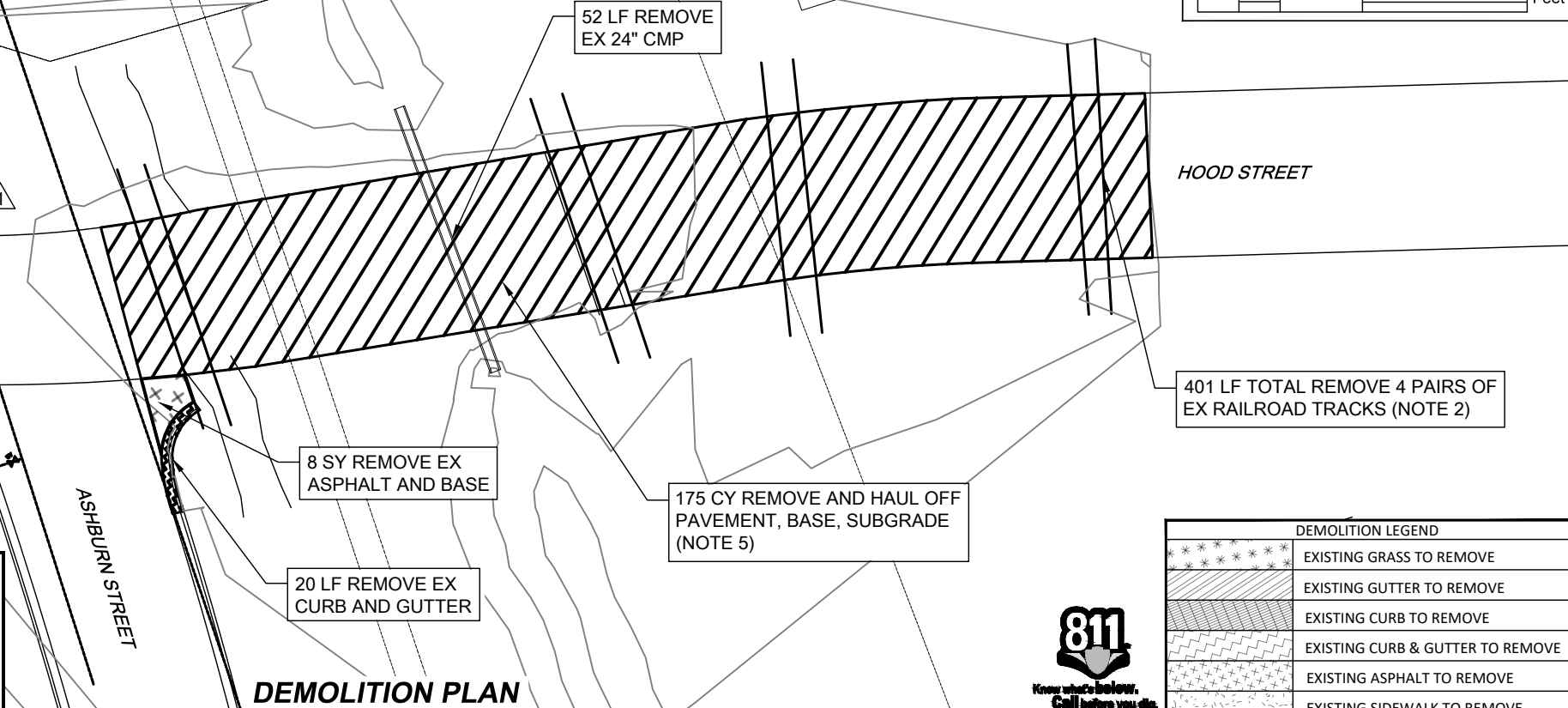
STA. 0+36
MATCH EX. PAVEMENT

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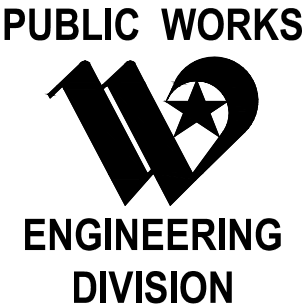
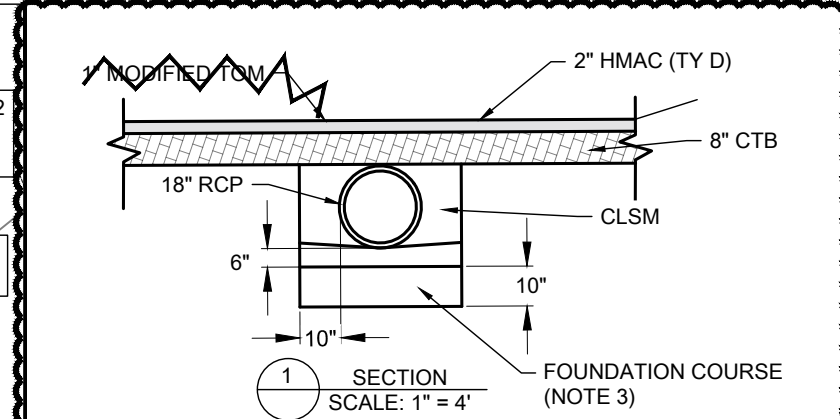
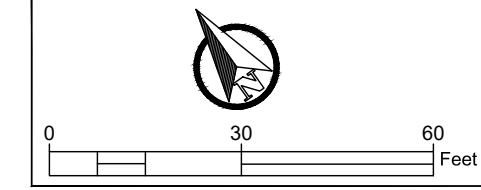
10 LF PROPOSED CURB AND GUTTER



DEMOLITION PLAN



DEMOLITION LEGEND	
	EXISTING GRASS TO REMOVE
	EXISTING GUTTER TO REMOVE
	EXISTING CURB TO REMOVE
	EXISTING CURB & GUTTER TO REMOVE
	EXISTING ASPHALT TO REMOVE
	EXISTING SIDEWALK TO REMOVE



**OPERATIONAL STREET IMPROVEMENTS
(CITY-WIDE)**

**DEMOLITION PLAN & PROPOSED PLAN
HOOD STREET & ASHBURN STREET**

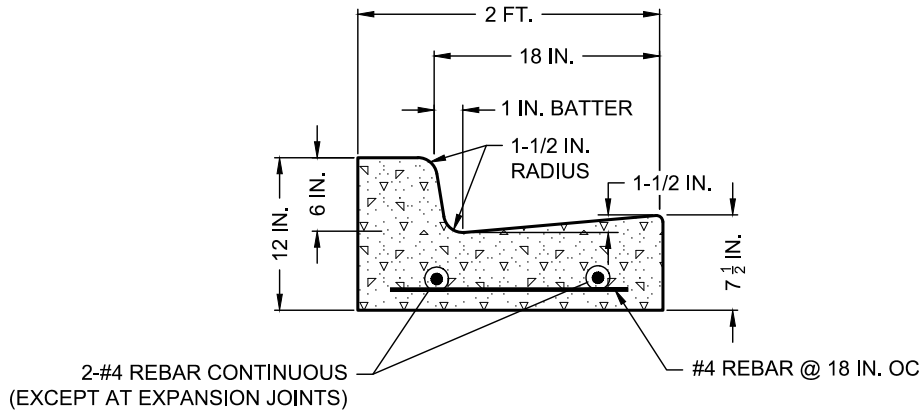
1	ADDENDUM 2	10/22
NO.	REVISION	DATE



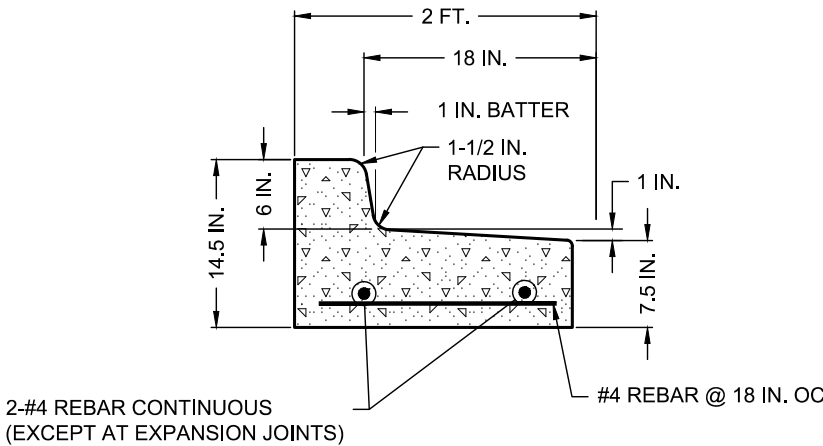
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Checked: JSH	Project Mgr.: JSH
Project No: 18ST2201F	Sheet No: C408
Sheet Size: 11x17	Issue Date: OCTOBER 2022

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DETAILS PROVIDED TO SHOW CURB AND GUTTER DIMENSIONS AND REBAR REQUIREMENTS ONLY. SEE DETAILS ST-20 ON C803 FOR ADDITIONAL CURB AND GUTTER INSTALLATION REQUIREMENTS.



DIRECT FLOW



INDIRECT FLOW

STANDARD CURB AND GUTTER DETAILS
(NO SCALE)

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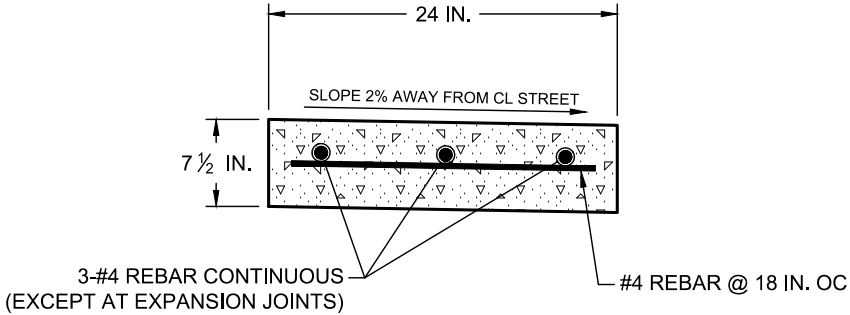
ENGINEERING
DIVISION



REVISIONS			
NO.	COMMENTS	BY	DATE

DATE
02/08/2022

ST-15



RIBBON CURB DETAIL
(NO SCALE)

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02/08/2022

ST-16

PUBLIC WORKS

ENGINEERING
DIVISION

OPERATIONAL STREET IMPROVEMENTS
(CITY-WIDE)

CITY OF WACO DETAILS (3 OF 21)

1	ADDENDUM 2	10/22
NO.	REVISION	DATE

STATE OF TEXAS

JACOB S. HOLDEN
133166
PROFESSIONAL ENGINEER

Jacob S. Holden
NAME
10/24/22
DATE

Design: DAG Approved: JSH
Checked: JSH Project Mgr.: JSH

Project No: 18ST2201F	Sheet No. C802
Sheet Size: 11x17	Issue Date: OCTOBER 2022