



Turtle Creek No. 3: 42-Inch Water Transmission Main Project
Solicitation Number: CO-00429
Job No.: 15-7001

ADDENDUM 1
August 4, 2021

To Respondent 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 Respondent Questionnaire.

RESPONSES TO QUESTIONS

1. Question: Under what bid item does the items for the machine chlorination go?
Response: Machine chlorination shall be performed by SAWS. Contractor's related costs shall be subsidiary to Specification 841: Hydrostatic Testing.
2. Question: Under what bid item should the 30" Access Manways be under?
Response: Manways shall be subsidiary to Specification 02571: 42" Steel Waterline (All Depths).
3. Question: Is the vertical 42" and 24" piping included in the footages for bid items 38 and 64?
Response: Yes, the vertical piping footages are included.
4. Question: In the Instructions to Respondents, it calls for 8 sealed proposals to be personal/hand delivered. Can you please clarify that this is an electronic proposal?
Response: Yes, this is an electronic-only proposal. Please review Supplemental Conditions, Instructions to Respondents, Sections 1, 2, 4 and 24 for clarification.

CLARIFICATIONS

1. The engineer's opinion of probable construction cost has been changed to \$6,478,071.28.

CHANGES TO SPECIFICATIONS

1. Due to updates in the General Wage Decisions for Building Construction Type, remove the wage decision documents from the solicitation in entirety and replace with the revised version attached (rev. 7/09/2021 for General Decision Number TX 20210231). This version should be utilized by the awarded contractor for the project.
2. Remove the Price Proposal in its entirety and replace with the attached Price Proposal. The following items were updated/added:
 - a. Item No. 57: Increased value of Allowance to \$150,000.00
 - b. Item No. 70: Spec No. updated to 102
 - c. Item No. 71: Spec No. updated to 102

3. Remove paragraph F of the Special Provisions to the Technical Specifications (SPTS-4 to SPTS-5) in its entirety.

CHANGES TO PLANS

1. Plan sheet 2 – Replace sheet dated 6/29/2021 with attached sheet dated 8/4/2021.
2. Plan sheet 22 – Replace sheet dated 6/29/2021 with attached sheet dated 8/4/2021.
3. Plan sheet 63 – Replace sheet dated 6/29/2021 with attached sheet dated 8/4/2021.
4. Plan sheet 64 – Replace sheet dated 6/29/2021 with attached sheet dated 8/4/2021.



Michael Persyn

8/04/2021

Michael Persyn, P.E.
K Friese & Associates, Inc. (TBPE F-6535)

END OF ADDENDUM 1

This Addendum, including these two (2) pages, is seventeen (17) pages in its entirety, with three (3) attachments.

Attachments: General Wage Decision Number TX20210231 (rev. 7/09/2021) (7 pages)
 Price Proposal (4 pages)
 Plan sheets (4 pages)

"General Decision Number: TX20210231 07/09/2021

Superseded General Decision Number: TX20200231

State: Texas

Construction Type: Building

County: Bexar County in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.95 for calendar year 2021 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.95 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2021. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/01/2021
1	03/12/2021
2	05/07/2021
3	07/09/2021

ASBE0087-014 03/02/2020

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR (Duct, Pipe and Mechanical System Insulation)....	\$ 23.97	10.79

BOIL0074-003 01/01/2017

	Rates	Fringes
BOILERMAKER.....	\$ 28.00	22.35

ELEC0060-003 07/27/2020

	Rates	Fringes
ELECTRICIAN (Communication		

Technician Only).....\$ 29.60 15%+5.45

 ELEC0060-004 07/27/2020

Rates Fringes

ELECTRICIAN (Excludes Low Voltage Wiring).....\$ 29.60 18%+5.45

 ELEV0081-001 01/01/2021

Rates Fringes

ELEVATOR MECHANIC.....\$ 43.31 36.365

FOOTNOTES:

A. 6% under 5 years based on regular hourly rate for all hours worked. 8% over 5 years based on regular hourly rate for all hours worked.

B. Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day; and Veterans Day.

 ENGI0450-002 04/01/2014

Rates Fringes

POWER EQUIPMENT OPERATOR
 Cranes.....\$ 34.85 9.85

 IRON0066-013 06/01/2020

Rates Fringes

IRONWORKER, STRUCTURAL.....\$ 23.45 6.83

 IRON0084-011 06/01/2020

Rates Fringes

IRONWORKER, ORNAMENTAL.....\$ 25.26 7.13

 PLUM0142-009 07/01/2020

Rates Fringes

HVAC MECHANIC (HVAC Electrical Temperature Control Installation Only).....\$ 30.25 13.36

HVAC MECHANIC (HVAC Unit Installation Only).....\$ 30.25 13.36

PIPEFITTER (Including HVAC Pipe Installation).....\$ 31.90 13.76

Including HVAC Pipe Installation
 PLUMBER (Excludes HVAC Pipe Installation).....\$ 31.90 13.76

Excludes HVAC Pipe Installation

 SFTX0669-002 04/01/2021

Rates Fringes

SPRINKLER FITTER (Fire

Sprinklers).....\$ 31.68 22.50

SHEE0067-004 04/01/2021

Rates Fringes

Sheet metal worker

Excludes HVAC Duct

Installation.....\$ 27.58 15.76

HVAC Duct Installation Only.\$ 27.58 15.76

SUTX2014-006 07/21/2014

Rates Fringes

BRICKLAYER.....\$ 22.15 0.00

CARPENTER (Acoustical Ceiling
Installation Only).....\$ 17.83 0.00

CARPENTER (Form Work Only).....\$ 13.63 0.00

CARPENTER, Excludes
Acoustical Ceiling
Installation, Drywall
Hanging, Form Work, and Metal
Stud Installation.....\$ 16.86 4.17

CAULKER.....\$ 15.00 0.00

CEMENT MASON/CONCRETE FINISHER...\$ 22.27 5.30

DRYWALL FINISHER/TAPER.....\$ 13.81 0.00

DRYWALL HANGER AND METAL STUD
INSTALLER.....\$ 15.18 0.00

ELECTRICIAN (Low Voltage
Wiring Only).....\$ 20.39 3.04

IRONWORKER, REINFORCING.....\$ 12.27 0.00

LABORER: Common or General.....\$ 10.75 0.00

LABORER: Mason Tender - Brick...\$ 11.88 0.00

LABORER: Mason Tender -
Cement/Concrete.....\$ 12.00 0.00

LABORER: Pipelayer.....\$ 11.00 0.00

LABORER: Roof Tearoff.....\$ 11.28 0.00

LABORER: Landscape and
Irrigation.....\$ 8.00 0.00

OPERATOR:
Backhoe/Excavator/Trackhoe.....\$ 15.98 0.00

OPERATOR: Bobcat/Skid
Steer/Skid Loader.....\$ 14.00 0.00

OPERATOR: Bulldozer.....\$ 14.00 0.00

OPERATOR: Drill.....\$ 14.50 0.00

ADDENDUM 1

OPERATOR: Forklift.....	\$ 12.50	0.00
OPERATOR: Grader/Blade.....	\$ 23.00	5.07
OPERATOR: Loader.....	\$ 12.79	0.00
OPERATOR: Mechanic.....	\$ 18.75	5.12
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 16.03	0.00
OPERATOR: Roller.....	\$ 12.00	0.00
PAINTER (Brush, Roller and Spray), Excludes Drywall Finishing/Taping.....	\$ 13.07	0.00
ROOFER.....	\$ 12.00	0.00
TILE FINISHER.....	\$ 11.32	0.00
TILE SETTER.....	\$ 14.94	0.00
TRUCK DRIVER: Dump Truck.....	\$ 12.39	1.18
TRUCK DRIVER: Flatbed Truck.....	\$ 19.65	8.57
TRUCK DRIVER: Semi-Trailer Truck.....	\$ 12.50	0.00
TRUCK DRIVER: Water Truck.....	\$ 12.00	4.11

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is

based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====
END OF GENERAL DECISION"

ADDENDUM 1

PRICE PROPOSAL

PROPOSAL OF _____, a corporation
a partnership consisting of _____
an individual doing business as _____

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation for Competitive Sealed Proposals, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices in the bid proposal to wit:

PLEASE SEE ATTACHED LIST OF BID ITEMS.

RESPONDENT'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO. /FAX NO.

FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following:
Addendum Nos. _____

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE PROPOSAL.

The respondent offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **365** calendar days after the start date, as set forth in the Authorization to Proceed. **The Respondent understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Proposal which are included on the following pages.

Statement on President's Executive Orders

Has your firm previously performed work subject to the President's Executive Orders Numbers 11246 and 11375 or any preceding similar executive orders (Numbers 10925 and 11114)?

Yes No

Item No.	Spec No.	Bid Item Specification No. & Description	Unit	Qty.	Unit Price	Total Price
1	103.1	REMOVE CONCRETE CURB (COSA SPEC)	LF	825	\$	\$
2	103.3	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS (COSA SPEC)	SF	2325	\$	\$
3	203	TACK COAT (COSA SPEC)	GAL	1472.4	\$	\$
4	205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED DEPTH) (COSA SPEC)	SY	3396	\$	\$
5	205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (1.5" COMPACTED DEPTH) (COSA SPEC)	SY	8443	\$	\$
6	205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED DEPTH) (COSA SPEC)	SY	6281	\$	\$
7	208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT (1.5") (COSA SPEC)	SY	8443	\$	\$
8	208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT (2") (COSA SPEC)	SY	6281	\$	\$
9	230.1	FLEXIBLE PAVEMENT STRUCTURE REPAIR (4" COMPACTED DEPTH) (COSA SPEC)	SY	1523	\$	\$
10	413	FLOWABLE FILL (COSA SPEC)	CY	948	\$	\$
11	500.1	CONCRETE CURB (COSA SPEC)	LF	667	\$	\$
12	SP500.3	CONCRETE GUTTER	LF	42	\$	\$
13	500.4	CONCRETE CURB AND GUTTER (COSA SPEC)	LF	158	\$	\$
14	502	CONCRETE SIDEWALKS (COSA SPEC)	SY	119	\$	\$
15	503.1	PORTLAND CEMENT CONCRETE DRIVEWAY (COMMERCIAL) (COSA SPEC)	SY	139	\$	\$
16	503.4	ASPHALTIC CONCRETE DRIVEWAY	SY	48	\$	\$
17	506.1	CONCRETE RETAINING WALL	CY	28	\$	\$
18	SP507.1	REMOVE AND REPLACE WOOD FENCE	LF	84	\$	\$
19	507.3	REMOVE AND REPLACE CHAIN LINK FENCE (8 FT. HIGH)	LF	794	\$	\$
20	SP515	TOPSOIL (3")	SY	8420	\$	\$
21	516	BERMUDA SODDING	SY	1006	\$	\$
22	520	HYDROMULCH (COSA SPEC)	SY	7414	\$	\$
23	530	BARRICADES, SIGNS, AND TRAFFIC HANDLING (COSA SPEC)	LS	1	\$	\$
24	535.1	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4" WIDE YELLOW LINE) (COSA SPEC)	LF	1343	\$	\$
25	535.2	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4" WIDE WHITE LINE) (COSA SPEC)	LF	3371	\$	\$
26	535.4	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (8" WIDE WHITE LINE) (COSA SPEC)	LF	809	\$	\$
27	535.8	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (LEFT YELLOW ARROW) (COSA SPEC)	EA	1	\$	\$
28	535.9	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (RIGHT YELLOW ARROW) (COSA SPEC)	EA	1	\$	\$
29	535.13	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (STRAIGHT YELLOW ARROW) (COSA SPEC)	EA	4	\$	\$
30	535.16	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (STRAIGHT WHITE ARROW BICYCLE FACILITY) (COSA SPEC)	EA	2	\$	\$
31	535.17	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (BICYCLE RIDER SYMBOL) (COSA SPEC)	EA	2	\$	\$
32	SP540	TEMPORARY EROSION, SEDIMENTATION, AND WATER POLLUTION PREVENTION AND CONTROL (COSA SPEC)	LS	1	\$	\$
33	550	TRENCH EXCAVATION SAFETY PROTECTION	LF	5028	\$	\$
34	552.1	REMOVING AND RELOCATING IRRIGATION SYSTEMS	LF	1000	\$	\$
35	814	12" DI WATERLINE (CL 350) (ALL DEPTHS)	LF	26	\$	\$

Item No.	Spec No.	Bid Item Specification No. & Description	Unit	Qty.	Unit Price	Total Price
36	814	16" DI WATERLINE (CL 250) (ALL DEPTHS)	LF	24	\$	\$
37	814	20" DI WATERLINE (CL 250) (ALL DEPTHS)	LF	27	\$	\$
38	814	24" DI WATERLINE (CL 200) (ALL DEPTHS)	LF	28	\$	\$
39	818	6" PVC C-900 WATERLINE (ALL DEPTHS)	LF	479	\$	\$
40	828	16" GATE VALVE	EA	1	\$	\$
41	SP828	VALVE INSERTION (6")	EA	1	\$	\$
42	SP828	VALVE INSERTION (12")	EA	2	\$	\$
43	SP828	VALVE INSERTION (16")	EA	2	\$	\$
44	831	16" CUT-IN TEE	EA	1	\$	\$
45	832	24"X20" TAPPING SLEEVE & VALVE	EA	1	\$	\$
46	834.1	FIRE HYDRANT ASSEMBLY	EA	4	\$	\$
47	836	PIPE FITTINGS, ALL SIZES & TYPES	TN	2.0	\$	\$
48	840	12" WATER TIE-IN	EA	2	\$	\$
49	840	6" WATER TIE-IN	EA	2	\$	\$
50	841	HYDROSTATIC TESTING	LS	1	\$	\$
51	844	2" BLOW-OFF, TEMPORARY	EA	5	\$	\$
52	SP844	42" INTERNAL TEST BULKHEAD ASSEMBLY	LS	1	\$	\$
53	845	PIPELINE MARKERS	EA	3	\$	\$
54	846	2" AIR RELEASE VALVE	EA	1	\$	\$
55	856	24" SPLIT STEEL CASING (OPEN CUT)	LF	21	\$	\$
56	858	CONCRETE ENCASEMENT, CRADDLES, SADDLES, AND COLLARS	CY	0.2	\$	\$
57	SS01020	ANEW APARTMENTS UNDERGROUND ELECTRIC RELOCATION	ALW	1	\$150,000.00	\$150,000.00
58	SS02425.1	JACKING, BORING, OR TUNNELING 42"	LF	152	\$	\$
59	SS02425.1	JACKING, BORING, OR TUNNELING 60"	LF	312	\$	\$
60	SS02425.2	42" STEEL CASING PIPE	LF	152	\$	\$
61	SS02425.2	60" STEEL CASING PIPE	LF	312	\$	\$
62	SS02425.3	24" CARRIER PIPE FOR JACKING, BORING, OR TUNNELING	LF	152	\$	\$
63	SS02425.3	42" CARRIER PIPE FOR JACKING, BORING, OR TUNNELING	LF	312	\$	\$
64	SS02571	42" STEEL WATERLINE (ALL DEPTHS)	LF	4446	\$	\$
65	SS02820	TEMPORARY SCREENED CHAINLINK FENCE	LF	2474	\$	\$
66	3000	REMOVAL, TRANSPORTATION, AND DISPOSAL OF VARIOUS SIZES OF A.C. PIPE	LF	182	\$	\$
67	SS15103	42" BUTTERFLY VALVE	EA	3	\$	\$
68	SS15117	6" COMBINATION AIR VALVE AND VAULT	EA	6	\$	\$
69	SS261351	IMPRESSED-CURRENT CATHODIC PROTECTION SYSTEM	LS	1	\$	\$
SUBTOTAL (ITEMS 1 - 69)					\$	

Item No.	Spec No.	Bid Item Specification No. & Description	Unit	Qty.	Unit Price	Total Price
70	102	INTERMEDIATE DEMOBILIZATION / REMOBILIZATION (OPEN CUT)	EA	1	\$	\$
71	102	INTERMEDIATE DEMOBILIZATION / REMOBILIZATION (TRENCHLESS)	EA	1	\$	\$
72	100	MOBILIZATION AND DEMOBILIZATION, MAX 10% OF LINE ITEMS 1-69	LS	1	\$	\$
73	101	PREPARING ROW, MAX 5% OF LINE ITEMS 1-69	LS	1	\$	\$

Mobilization and Prep of ROW shall be limited to the maximum percentage shown. If the percentage exceeds the allowable maximum stated for mobilization and or preparation of ROW, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.

TOTAL BID PRICE (TO INCLUDE LINE ITEMS 1-69 AND 70-73)	\$
---	----

SHEET INDEX

1 COVER SHEET
 2 SHEET INDEX AND QUANTITIES
 3 GENERAL NOTES
 4 PROJECT SPECIFIC NOTES
 5 PROJECT LAYOUT
 6 EASEMENT LAYOUT
 7 PLAN AND PROFILE - BEGIN TO STA 13+50
 8 PLAN AND PROFILE - STA 13+50 TO 17+00
 9 PLAN AND PROFILE - STA 17+00 TO 21+00
 10 PLAN AND PROFILE - STA 21+00 TO 25+00
 11 PLAN AND PROFILE - STA 25+00 TO 29+00
 12 PLAN AND PROFILE - STA 29+00 TO 32+00
 13 PLAN AND PROFILE - STA 32+00 TO 36+50
 14 PLAN AND PROFILE - STA 36+50 TO 40+00
 15 PLAN AND PROFILE - STA 40+00 TO 44+00
 16 PLAN AND PROFILE - STA 44+00 TO 48+00
 17 PLAN AND PROFILE - STA 48+00 TO 52+00
 18 PLAN AND PROFILE - STA 52+00 TO 56+00
 19 PLAN AND PROFILE - STA 56+00 TO END
 20 DATAPOINT TIE-IN - BEGIN TO END
 21 CAV VENT PIPE LAYOUT
 22 6-INCH WATER SERVICE PLAN
 23 DETAILS (1 OF 6)
 24 DETAILS (2 OF 6)
 25 DETAILS (3 OF 6)
 26 DETAILS (4 OF 6)
 27 DETAILS (5 OF 6)
 28 DETAILS (6 OF 6)
 29 RETAINING WALLS - RW 1(L/A)
 30 RETAINING WALL MISCELLANEOUS DETAILS - RW 2
 31 CATHODIC PROTECTION STANDARD TEST STATION DETAILS
 32 CATHODIC PROTECTION FOREIGN & CASING TEST STATION DETAILS
 33 CATHODIC PROTECTION ISOLATION DEVICE DETAILS
 34 NON-CONDUCTIVE JOINT CONTINUITY BONDING DETAILS
 35 TRAFFIC CONTROL PLAN NARRATIVE
 36 TRAFFIC CONTROL PLAN FREDERICKSBURG RD.
 37 TRAFFIC CONTROL PLAN DATAPOINT DR.
 38 TRAFFIC CONTROL PLAN FAIRHAVEN ST
 39 TRAFFIC CONTROL PLAN FAIRHAVEN ST. PHASE 1
 40 TRAFFIC CONTROL PLAN FAIRHAVEN ST
 41 TRAFFIC CONTROL PLAN FAIRHAVEN ST. PHASE 2
 42 TRAFFIC CONTROL PLAN BLUFFDALE DR.
 43 BC(1)-14
 44 BC(2)-14
 45 BC(3)-14
 46 BC(4)-14
 47 BC(5)-14
 48 BC(6)-14
 49 BC(7)-14
 50 BC(8)-14
 51 BC(9)-14
 52 BC(10)-14
 53 BC(11)-14
 54 BC(12)-14
 55 TCP(2-1)-18
 56 TCP(2-2)-18
 57 TCP(2-3)-18
 58 TCP(2-4)-18
 59 TCP(2-5)-18
 60 RESTORATION - BEGIN TO STA 20+00
 61 RESTORATION - STA 20+00 TO 29+00
 62 RESTORATION - STA 29+00 TO 36+50
 63 RESTORATION - STA 36+50 TO 46+50
 64 RESTORATION - STA 46+50 TO STA 56+50
 65 RESTORATION - STA 56+50 TO END
 66 TREE PROTECTION PLAN - BEGIN TO STA 20+00
 67 TREE PROTECTION PLAN - STA 20+00 TO 29+00
 68 TREE PROTECTION PLAN - STA 29+00 TO 36+50
 69 TREE PROTECTION PLAN - STA 36+50 TO 46+50
 70 TREE PROTECTION PLAN - STA 46+50 TO STA 56+50
 71 TREE PROTECTION PLAN - STA 56+50 TO END
 72 TREE PROTECTION DETAILS
 73 STORM WATER POLLUTION PREVENTION PLAN (SW3P) NARRATIVE - SHEET 1
 74 STORM WATER POLLUTION PREVENTION PLAN (SW3P) NARRATIVE - SHEET 2
 75 STORM WATER POLLUTION PREVENTION PLAN (SW3P) - SHEET 1
 76 STORM WATER POLLUTION PREVENTION PLAN (SW3P) - SHEET 2
 77 STORM WATER POLLUTION PREVENTION PLAN (SW3P) - SHEET 3
 78 STORM WATER POLLUTION PREVENTION PLAN (SW3P) - SHEET 4
 79 STORM WATER POLLUTION PREVENTION PLAN (SW3P) - SHEET 5
 80 TEMPORARY EROSION, SEDIMENT, & WATER POLLUTION CONTROL MEASURES STANDARDS 1
 81 TEMPORARY EROSION, SEDIMENT, & WATER POLLUTION CONTROL MEASURES STANDARDS 2
 82 TEMPORARY EROSION, SEDIMENT, & WATER POLLUTION CONTROL MEASURES - EROSION CONTROL LOG EC(9)-16 - SHEET 1 OF 3
 83 TEMPORARY EROSION, SEDIMENT, & WATER POLLUTION CONTROL MEASURES - EROSION CONTROL LOG EC(9)-16 - SHEET 2 OF 3
 84 TEMPORARY EROSION, SEDIMENT, & WATER POLLUTION CONTROL MEASURES - EROSION CONTROL LOG EC(9)-16 - SHEET 3 OF 3


TOTAL ESTIMATED QUANTITIES			
SPEC NO.	DESCRIPTION	UNIT	QUANTITY
103.1	REMOVE CONCRETE CURB (COSA SPEC)	LF	825
103.3	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS (COSA SPEC)	SF	2325
203	TACK COAT (COSA SPEC)	GAL	1472.4
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED DEPTH) (COSA SPEC)	SY	3396
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (1.5" COMPACTED DEPTH) (COSA SPEC)	SY	8443
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED DEPTH) (COSA SPEC)	SY	6281
208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT (1.5") (COSA SPEC)	SY	8443
208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT (2") (COSA SPEC)	SY	6281
230.1	FLEXIBLE PAVEMENT STRUCTURE REPAIR (4" COMPACTED DEPTH) (COSA SPEC)	SY	1523
413	FLOWABLE FILL (COSA SPEC)	CY	948
500.1	CONCRETE CURB (COSA SPEC)	LF	667
SP500.3	CONCRETE GUTTER (COSA SPEC)	LF	42
500.4	CONCRETE CURB AND GUTTER (COSA SPEC)	LF	158
502	CONCRETE SIDEWALKS (COSA SPEC)	SY	119
503.1	PORTLAND CEMENT CONCRETE DRIVEWAY (COMMERCIAL) (COSA SPEC)	SY	139
503.4	ASPHALTIC CONCRETE DRIVEWAY (COSA SPEC)	SY	48
506.1	CONCRETE RETAINING WALL (COSA SPEC)	CY	28
SP507.1	REMOVE AND REPLACE WOOD FENCE (COSA SPEC)	LF	84
507.3	REMOVE AND REPLACE CHAIN LINK FENCE (8 FT. HIGH)	LF	794
SP515	TOPSOIL (3") (COSA SPEC)	SY	8420
516	BERMUDA SODDING (COSA SPEC)	SY	1006
520	HYDROMULCH (COSA SPEC)	SY	7414
530	BARRICADES, SIGNS, AND TRAFFIC HANDLING (COSA SPEC)	LS	1
535.1	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4" WIDE YELLOW LINE) (COSA SPEC)	LF	1343
535.2	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4" WIDE WHITE LINE) (COSA SPEC)	LF	3371
535.4	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (8" WIDE WHITE LINE) (COSA SPEC)	LF	809
535.8	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (LEFT YELLOW ARROW) (COSA SPEC)	EA	1
535.9	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (RIGHT YELLOW ARROW) (COSA SPEC)	EA	1
535.13	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (STRAIGHT YELLOW ARROW) (COSA SPEC)	EA	4
535.16	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (STRAIGHT WHITE ARROW BICYCLE FACILITY) (COSA SPEC)	EA	2
535.17	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (BICYCLE RIDER SYMBOL) (COSA SPEC)	EA	2
SP540	TEMPORARY EROSION, SEDIMENTATION, AND WATER POLLUTION PREVENTION AND CONTROL (COSA SPEC)	LS	1
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	5028
552.1	REMOVING AND RELOCATING IRRIGATION SYSTEMS (COSA SPEC)	LF	1000
814	12" DI WATERLINE (CL 350) (ALL DEPTHS)	LF	26
814	16" DI WATERLINE (CL 250) (ALL DEPTHS)	LF	24
814	20" DI WATERLINE (CL 250) (ALL DEPTHS)	LF	27
814	24" DI WATERLINE (CL 200) (ALL DEPTHS)	LF	28
818	6" PVC C-900 WATERLINE (ALL DEPTHS)	LF	479
828	16" GATE VALVE	EA	1
SP828	VALVE INSERTION (6")	EA	1
SP828	VALVE INSERTION (12")	EA	2
SP828	VALVE INSERTION (16")	EA	2
831	16" CUT-IN TEE	EA	1
832	24"x20" TAPPING SLEEVE & VALVE	EA	1
834.1	FIRE HYDRANT ASSEMBLY	EA	4
836	PIPE FITTINGS, ALL SIZES & TYPES	TN	2.0
840	12" WATER TIE-IN	EA	2
840	6" WATER TIE-IN	EA	2
841	HYDROSTATIC TESTING	LS	1
844	2" BLOW-OFF, TEMPORARY	EA	5
SP844	42" INTERNAL TEST BULKHEAD ASSEMBLY	LS	1
845	PIPELINE MARKERS	EA	3
846	2" AIR RELEASE VALVE	EA	1
856	24" SPLIT STEEL CASING (OPEN CUT)	LF	21
858	CONCRETE ENCASEMENT, CRADLES, SADDLES, AND COLLARS	CY	0.2
SS01020	ANEW APARTMENTS UNDERGROUND ELECTRIC RELOCATION	ALW	1
SS02425.1	JACKING, BORING, OR TUNNELING 42"	LF	152
SS02425.1	JACKING, BORING, OR TUNNELING 60"	LF	312
SS02425.2	42" STEEL CASING PIPE	LF	152
SS02425.2	60" STEEL CASING PIPE	LF	312
SS02425.3	24" CARRIER PIPE FOR JACKING, BORING, OR TUNNELING	LF	152
SS02425.3	42" CARRIER PIPE FOR JACKING, BORING, OR TUNNELING	LF	312
SS02571	42" STEEL WATERLINE (ALL DEPTHS)	LF	4446
SS02820	TEMPORARY SCREENED CHAINLINK FENCE	LF	2474
3000	REMOVAL, TRANSPORTATION, AND DISPOSAL OF VARIOUS SIZES OF A.C. PIPE	LF	182
SS15103	42" BUTTERFLY VALVE	EA	3
SS15117	6" COMBINATION AIR VALVE AND VAULT	EA	6
SS261351	IMPRESSED-CURRENT CATHODIC PROTECTION SYSTEM	LS	1
102	INTERMEDIATE DEMOBILIZATION / REMOBILIZATION (OPEN CUT)	EA	1
102	INTERMEDIATE DEMOBILIZATION / REMOBILIZATION (TRENCHLESS)	EA	1
100	MOBILIZATION AND DEMOBILIZATION	LS	1
101	PREPARING RIGHT-OF-WAY	LS	1

NOTES:
 1) SEE PIPELINE NOTE 15 ON SHEET 4 FOR QUANTITY RELATED NOTES.



10001 Reunion Place
 Suite 404
 San Antonio, Texas 78216
 P: 210.491.2391 F: 512.338.1784
 TBPE Firm Number 6535
 www.kfriese.com



ADDENDUM 1	AF	MP	8/4/21				
No.	Revision	Drawn	Approved	Date			
REVISIONS							
		TURTLE CREEK NO. 3: 42-INCH TRANSMISSION MAIN					
SHEET INDEX AND QUANTITIES							
DEVELOPER: _____							
CONT. _____				BUDGET PROJ. _____			
SUBMITTED _____							
APPROVED _____							
MAP No. _____		SHEET					
SECT. No. _____		2					
DR. _____	CK. _____	JOB No. 15-7001				OF 84	

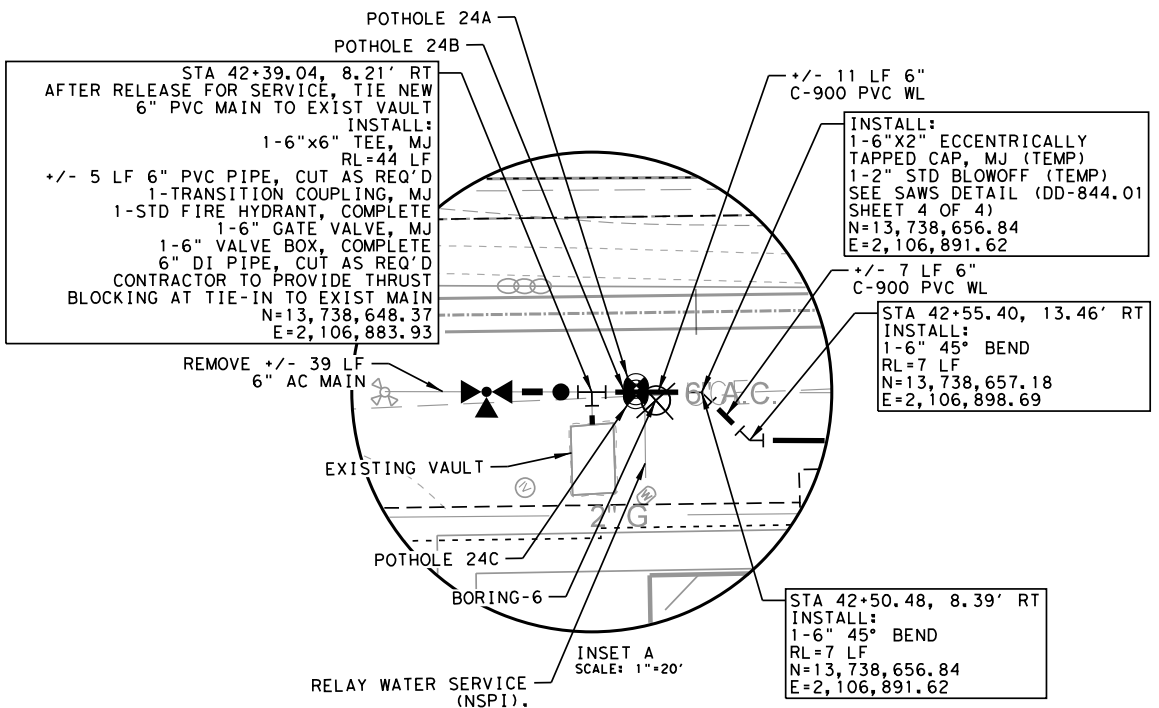
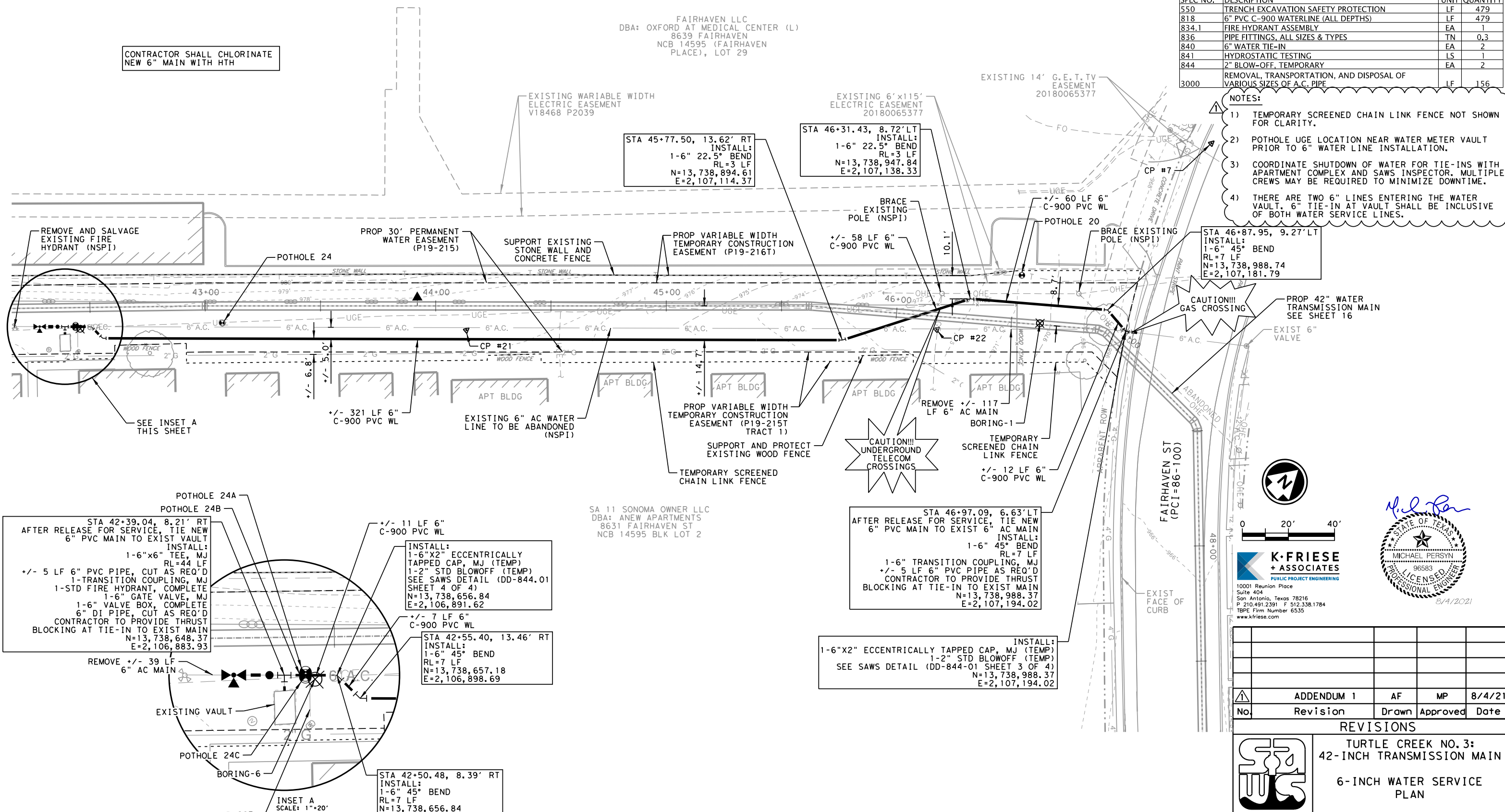
0627-INDEK.dgn modified by ofischer on 8/4/2021 - 9:02:54 AM

CONTRACTOR SHALL CHLORINATE
NEW 6" MAIN WITH HTH

FAIRHAVEN LLC
DBA: OXFORD AT MEDICAL CENTER (L)
8639 FAIRHAVEN
NCB 14595 (FAIRHAVEN
PLACE), LOT 29

ESTIMATED QUANTITIES			
SPEC NO.	DESCRIPTION	UNIT	QUANTITY
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	479
818	6" PVC C-900 WATERLINE (ALL DEPTHS)	LF	479
834.1	FIRE HYDRANT ASSEMBLY	EA	1
836	PIPE FITTINGS, ALL SIZES & TYPES	TN	0.3
840	6" WATER TIE-IN	EA	2
841	HYDROSTATIC TESTING	LS	1
844	2" BLOW-OFF, TEMPORARY	EA	2
3000	REMOVAL, TRANSPORTATION, AND DISPOSAL OF VARIOUS SIZES OF A.C. PIPE	LF	156

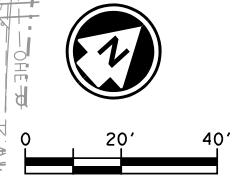
- NOTES:
- 1) TEMPORARY SCREENED CHAIN LINK FENCE NOT SHOWN FOR CLARITY.
 - 2) POTHOLE UGE LOCATION NEAR WATER METER VAULT PRIOR TO 6" WATER LINE INSTALLATION.
 - 3) COORDINATE SHUTDOWN OF WATER FOR TIE-INS WITH APARTMENT COMPLEX AND SAWS INSPECTOR. MULTIPLE CREWS MAY BE REQUIRED TO MINIMIZE DOWNTIME.
 - 4) THERE ARE TWO 6" LINES ENTERING THE WATER VAULT. 6" TIE-IN AT VAULT SHALL BE INCLUSIVE OF BOTH WATER SERVICE LINES.



SA 11 SONOMA OWNER LLC
DBA: ANEW APARTMENTS
8631 FAIRHAVEN ST
NCB 14595 BLK LOT 2

STA 46+97.09, 6.63' LT
AFTER RELEASE FOR SERVICE, TIE NEW
6" PVC MAIN TO EXIST 6" AC MAIN
INSTALL:
1-6" 45° BEND RL=7 LF
1-6" TRANSITION COUPLING, MJ
+/- 5 LF 6" PVC PIPE AS REQ'D
CONTRACTOR TO PROVIDE THRUST
BLOCKING AT TIE-IN TO EXIST MAIN
N=13,738,988.37
E=2,107,194.02

INSTALL:
1-6"x2" ECCENTRICALLY TAPPED CAP, MJ (TEMP)
1-2" STD BLOWOFF (TEMP)
SEE SAWS DETAIL (DD-844-01 SHEET 3 OF 4)
N=13,738,988.37
E=2,107,194.02



K-FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING
10001 Reunion Place
Suite 404
San Antonio, Texas 78216
P 210.491.2391 F 512.338.1784
TBE Firm Number 6535
www.kfriese.com

Michael Persyn
STATE OF TEXAS
MICHAEL PERSYN
96583
LICENSED PROFESSIONAL ENGINEER
8/4/2021

No.	Revision	Drawn	Approved	Date
ADDENDUM 1	AF	MP		8/4/21

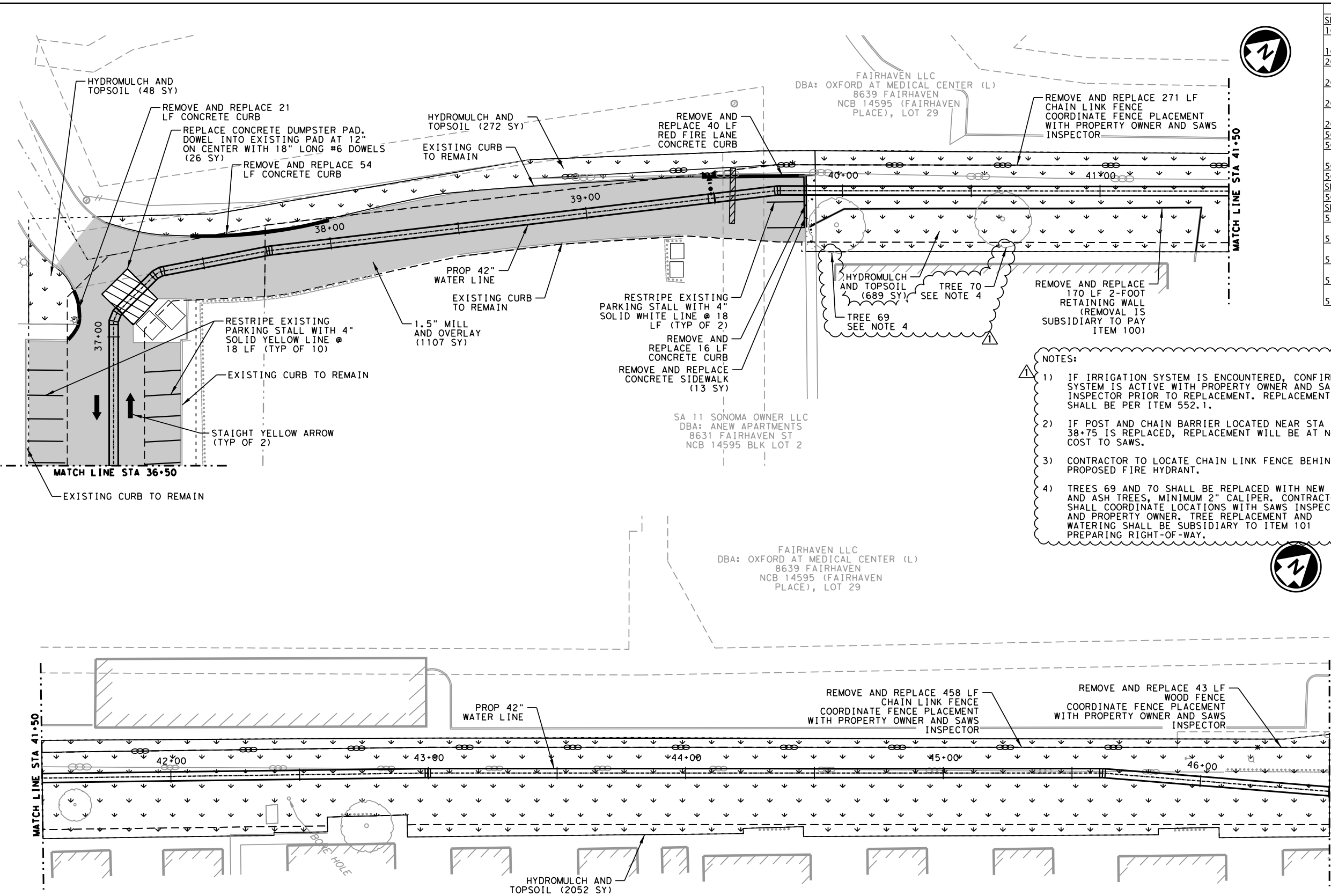
REVISIONS

STA WGS TURTLE CREEK NO. 3:
42-INCH TRANSMISSION MAIN
6-INCH WATER SERVICE PLAN

DEVELOPER: _____
 CONT. BUDGET PROJ.
 SUBMITTED _____
 APPROVED _____
 MAP No. _____ SHEET 22
 SECT. No. _____ OF 84
 DR. CK. JOB No. 15-7001

0627+6 IN WATER.dgn modified by ofischer on 8/4/2021 - 9:02:57 AM

0627-R04.dgn modified by ofischer on 8/4/2021 - 9:02:59 AM



ESTIMATED QUANTITIES			
SPEC NO.	DESCRIPTION	UNIT	QUANTITY
103.1	REMOVE CONCRETE CURB (COSA SPEC)	LF	131
103.3	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS (COSA SPEC)	SF	351
203	TACK COAT (COSA SPEC)	GAL	111
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED DEPTH) (COSA SPEC)	SY	340
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (1.5" COMPACTED DEPTH) (COSA SPEC)	SY	1107
208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT (1.5") (COSA SPEC)	SY	1107
500.1	CONCRETE CURB (COSA SPEC)	LF	131
502	CONCRETE SIDEWALKS (COSA SPEC)	SY	13
503.1	PORTLAND CEMENT CONCRETE DRIVEWAY (COMMERCIAL) (COSA SPEC)	SY	26
506.1	CONCRETE RETAINING WALL (COSA SPEC)	CY	28
SP507.1	REMOVE AND REPLACE WOOD FENCE (COSA SPEC)	LF	43
507.3	REMOVE AND REPLACE CHAIN LINK FENCE (8 FT. HIGH)	LF	729
SP515	TOPSOIL (3") (COSA SPEC)	SY	3061
520	HYDROMULCH (COSA SPEC)	SY	3061
535.1	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4" WIDE YELLOW LINE) (COSA SPEC)	LF	180
535.2	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4" WIDE WHITE LINE) (COSA SPEC)	LF	36
535.13	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (STRAIGHT YELLOW ARROW) (COSA SPEC)	EA	2
552.1	REMOVING AND RELOCATING IRRIGATION SYSTEMS (COSA SPEC)	LF	1000

- NOTES:**
- IF IRRIGATION SYSTEM IS ENCOUNTERED, CONFIRM SYSTEM IS ACTIVE WITH PROPERTY OWNER AND SAWS INSPECTOR PRIOR TO REPLACEMENT. REPLACEMENT SHALL BE PER ITEM 552.1.
 - IF POST AND CHAIN BARRIER LOCATED NEAR STA 38+75 IS REPLACED, REPLACEMENT WILL BE AT NO COST TO SAWS.
 - CONTRACTOR TO LOCATE CHAIN LINK FENCE BEHIND PROPOSED FIRE HYDRANT.
 - TREES 69 AND 70 SHALL BE REPLACED WITH NEW ELM AND ASH TREES, MINIMUM 2" CALIPER. CONTRACTOR SHALL COORDINATE LOCATIONS WITH SAWS INSPECTOR AND PROPERTY OWNER. TREE REPLACEMENT AND WATERING SHALL BE SUBSIDIARY TO ITEM 101 PREPARING RIGHT-OF-WAY.

LEGEND

	PROP MILL AND OVERLAY
	PROP PAVEMENT REPAIR
	PROP CONCRETE DRIVE
	PROP CONCRETE SIDEWALK
	PROP HYDROMULCH
	PROP BERMUDA SOD
	PROP CONCRETE CURB
	CHAIN LINK FENCE
	WOODEN FENCE
	WROUGHT IRON FENCE



K-FRIESE + ASSOCIATES
 PUBLIC PROJECT ENGINEERING
 10001 Reunion Place
 Suite 404
 San Antonio, Texas 78216
 P 210.491.2391 F 512.338.1784
 TBP# Firm Number 6535
 www.kfriese.com



ADDENDUM 1	AF	MP	8/4/21
No.	Revision	Drawn	Approved Date

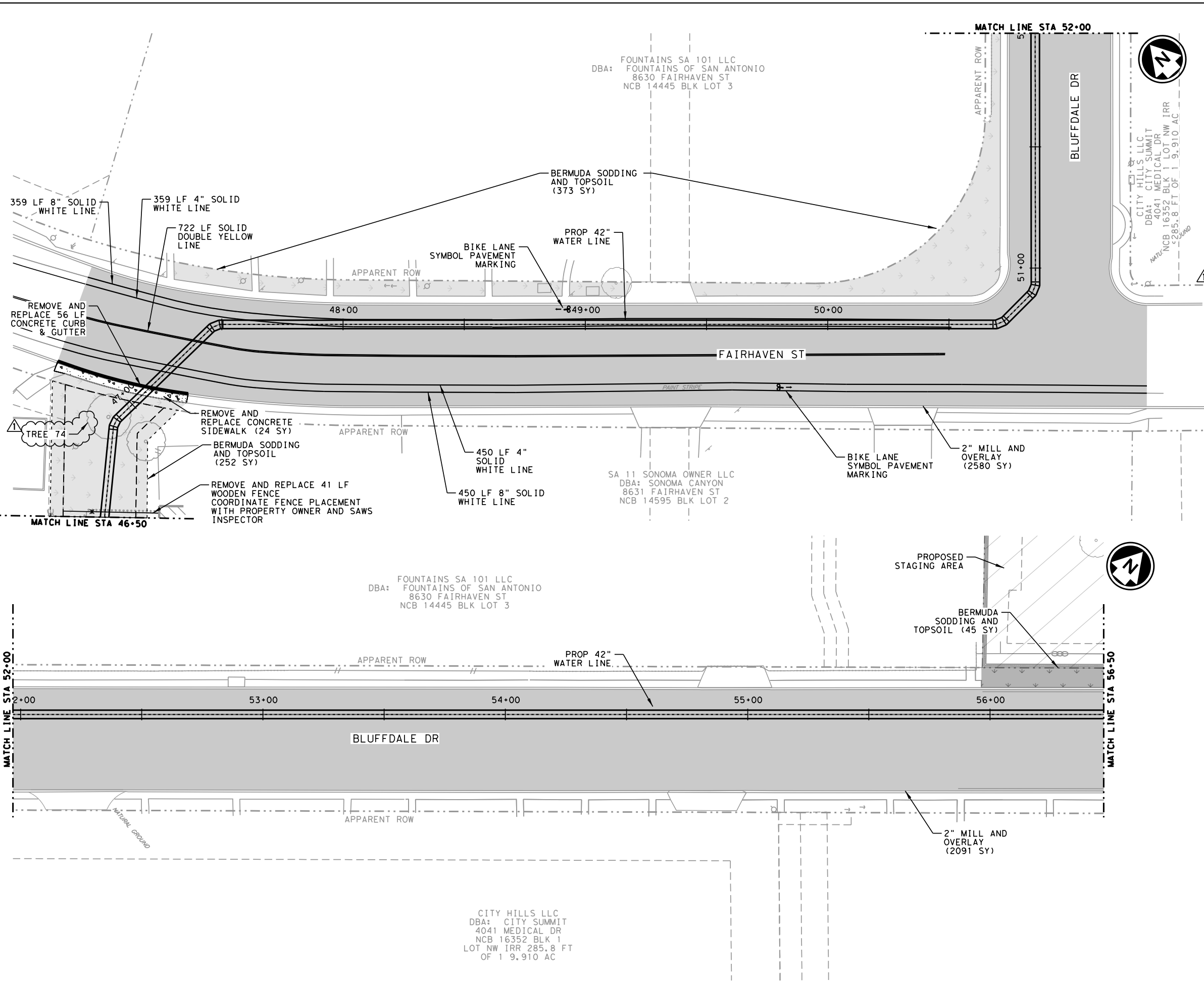
REVISIONS

TURTLE CREEK NO. 3:
42-INCH TRANSMISSION MAIN
RESTORATION
STA 36+50 TO 46+50

DEVELOPER:	
CONT.	BUDGET PROJ.
SUBMITTED _____	
APPROVED _____	
MAP No.	SHEET
SECT. No.	63
DR.	CK.
JOB No. 15-7001 OF 84	

SA 11 SONOMA OWNER LLC
 DBA: ANEW APARTMENTS
 8631 FAIRHAVEN ST
 NCB 14595 BLK LOT 2

0627-R05.dgn modified by ofischer on 8/4/2021 - 9:03:00 AM



ESTIMATED QUANTITIES			
SPEC NO.	DESCRIPTION	UNIT	QUANTITY
103.1	REMOVE CONCRETE CURB (COSA SPEC)	LF	56
103.3	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS (COSA SPEC)	SF	216
203	TACK COAT (COSA SPEC)	GAL	467
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED DEPTH) (COSA SPEC)	SY	988
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED DEPTH) (COSA SPEC)	SY	4671
208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT (2") (COSA SPEC)	SY	4671
500.4	CONCRETE CURB AND GUTTER (COSA SPEC)	LF	56
502	CONCRETE SIDEWALKS (COSA SPEC)	SY	24
SP507.1	REMOVE AND REPLACE WOOD FENCE (COSA SPEC)	LF	41
SP515	TOPSOIL (3") (COSA SPEC)	SY	670
516	BERMUDA SODDING (COSA SPEC)	SY	670
535.1	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4" WIDE YELLOW LINE) (COSA SPEC)	LF	722
535.2	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4" WIDE WHITE LINE) (COSA SPEC)	LF	809
535.4	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (8" WIDE WHITE LINE) (COSA SPEC)	LF	809
535.16	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (STRAIGHT WHITE ARROW BICYCLE FACILITY) (COSA SPEC)	EA	2
535.17	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (BICYCLE RIDER SYMBOL) (COSA SPEC)	EA	2

NOTE:
 1. TREE 74 SHALL BE REPLACED WITH NEW CREPE MYRTLE, MINIMUM 2" CALIPER. CONTRACTOR SHALL COORDINATE LOCATION WITH SAWS INSPECTOR AND PROPERTY OWNER. TREE REPLACEMENT AND WATERING SHALL BE SUBSIDIARY TO ITEM 101 PREPARING RIGHT-OF-WAY.

LEGEND

- PROP MILL AND OVERLAY
- PROP PAVEMENT REPAIR
- PROP CONCRETE DRIVE
- PROP CONCRETE SIDEWALK
- PROP HYDROMULCH
- PROP BERMUDA SOD
- PROP CONCRETE CURB
- CHAIN LINK FENCE
- WOODEN FENCE
- WROUGHT IRON FENCE



K-FRIESE + ASSOCIATES
 PUBLIC PROJECT ENGINEERING
 10001 Reunion Place
 Suite 404
 San Antonio, Texas 78216
 P: 210.491.2391 F: 512.338.1784
 TBE Firm Number 6535
 www.kfriese.com



ADDENDUM 1	AF	MP	8/4/21
No.	Revision	Drawn	Approved Date

REVISIONS

 TURTLE CREEK NO. 3:
 42-INCH TRANSMISSION MAIN
 RESTORATION
 STA 46+50 TO STA 56+50

DEVELOPER: _____
 CONT. BUDGET PROJ.
 SUBMITTED _____
 APPROVED _____
 MAP No. _____ SHEET 64
 SECT. No. _____ OF 84
 DR. CK. JOB No. 15-7001