

KIMLEY-HORN AND ASSOCIATES, INC.
 801 Cherry Street, Suite 1300
 Fort Worth, TX 76102

Date: January 9, 2025

PROJECT DESCRIPTION:

2024 I35 UTILITY RELOCATION

KHA Project No.:

61322300

OWNER:

CITY OF SANGER

CONTRACTOR:

ANA SITE CONSTRUCTION LLC

ORIGINAL CONTRACT AMOUNT:

\$ 6,971,123.00

REVISED CONTRACT AMOUNT PER

\$ 7,122,754.00

CHANGE ORDER No. 1:

\$ 7,122,754.00

REVISED CONTRACT AMOUNT PER

CHANGE ORDER No. 2:

REVISED CONTRACT AMOUNT PER

CHANGE ORDER No. 3:

CSJ 074 Water WLB, WLC, WLD, WLE, and Ductile Iron Fittings Change Order #2									
Item #	Item Description	Original Quantity	Change in Quantity	Updated Quantity	Unit	Unit Price	Original Item Cost	Change in Item Cost	
2	Grout Fill 8" Water Line	888.00	(35.00)	853.00	LF	\$ 15.00	\$ 13,320.00	\$ (525.00)	
4	Remove 8" Water Line	4,885.00	521.00	5,406.00	LF	\$ 11.00	\$ 53,735.00	\$ 5,731.00	
5	Remove 12" Water Line	622.00	(622.00)	-	LF	\$ 16.00	\$ 9,952.00	\$ (9,952.00)	
10	C-900 DR-18 PVC Water Line (6") (Open Cut)	20.00	5.00	25.00	LF	\$ 141.00	\$ 2,820.00	\$ 705.00	
11	C-900 DR-18 PVC Water Line (8") (Open Cut)	5,346.00	797.00	6,143.00	LF	\$ 72.00	\$ 384,912.00	\$ 57,384.00	
12	C-900 DR-18 PVC Water Line (8") (Carrier Pipe)	1,027.00	123.00	1,150.00	LF	\$ 81.00	\$ 83,187.00	\$ 9,963.00	
13	C-900 DR-18 PVC Water Line (12") (Open Cut)	246.00	(246.00)	-	LF	\$ 184.00	\$ 45,264.00	\$ (45,264.00)	
14	Steel Casing (18") (Open Cut)*	43.00	23.00	66.00	LF	\$ 265.00	\$ 11,395.00	\$ 6,095.00	
15	Steel Casing (18") (Bore)*	984.00	100.00	1,084.00	LF	\$ 472.00	\$ 464,448.00	\$ 47,200.00	
120	Resilient Seated Gate Valve (6")*	-	1.00	1.00	EA	\$ 4,500.00	\$ -	\$ 4,500.00	
16	Resilient Seated Gate Valve (8")*	16.00	4.00	20.00	EA	\$ 4,800.00	\$ 76,800.00	\$ 19,200.00	
17	Resilient Seated Gate Valve (12")*	5.00	(5.00)	-	EA	\$ 7,300.00	\$ 36,500.00	\$ (36,500.00)	
20	1" Water Meter	5.00	3.00	8.00	EA	\$ 2,950.00	\$ 14,750.00	\$ 8,850.00	
121	2" Water Meter	-	2.00	2.00	EA	\$ 3,500.00	\$ -	\$ 7,000.00	
21	Connect Existing Water Line	15.00	1.00	16.00	EA	\$ 5,400.00	\$ 81,000.00	\$ 5,400.00	
22	Trench Excavation Protection	5,612.00	471.00	6,083.00	LF	\$ 3.00	\$ 16,836.00	\$ 1,413.00	
23	Cut & Restore Conc Paving*	67.00	120.00	187.00	SY	\$ 123.00	\$ 8,241.00	\$ 14,760.00	
26	Seeding Surface Repair	10,715.00	1,077.00	11,792.00	SY	\$ 2.00	\$ 21,430.00	\$ 2,154.00	
Ductile Iron Fittings									
17	074 Ductile Iron Fittings*	1.00	3.82	4.8175	TON	\$ 20,000.00	\$ 20,000.00	\$ 76,350.00	
77	081 Ductile Iron Fittings*	1.00	3.11	4.1100	TON	\$ 20,000.00	\$ 20,000.00	\$ 62,200.00	
									\$ 236,664.00

Total Increase In Contract Amount:	\$ 236,664.00
Original Contract Amount:	\$ 6,971,123.00
Revised Contract Amount:	\$ 7,359,418.00
Net Increase/(Decrease) in Contract Time of Completion:	30 Days
Revised Contract Time of Completion:	330 Days

Recommended by Kimley-Horn and Associates, Inc.

Approved by Owners:
City of Sanger

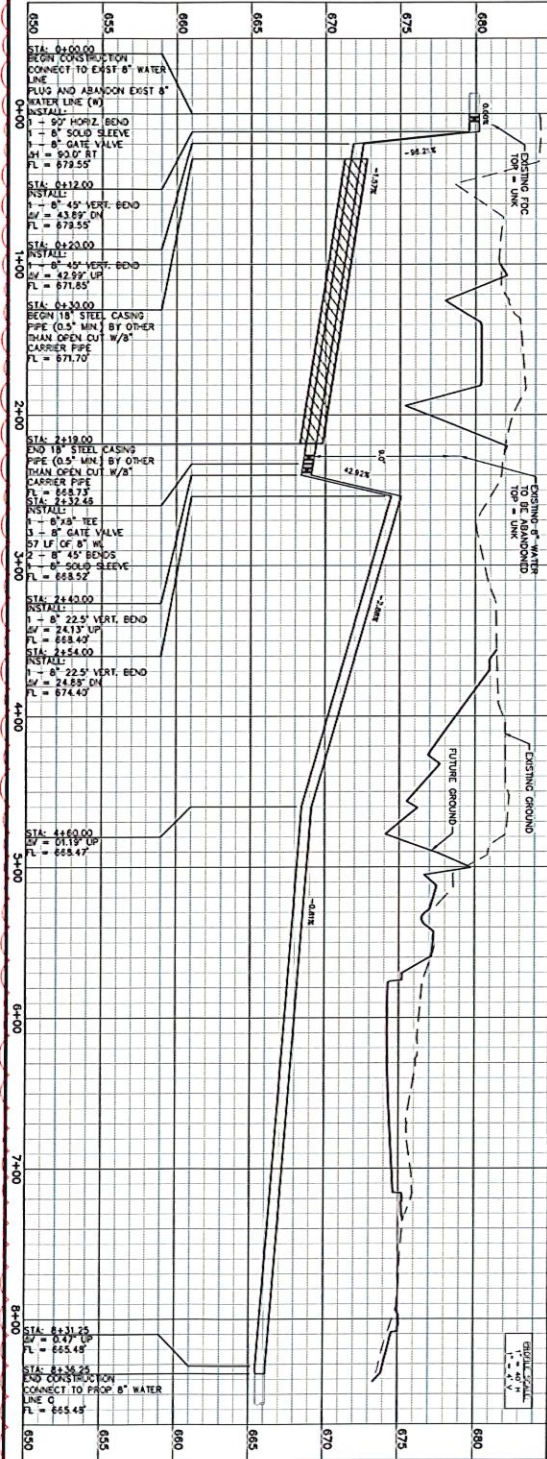
By Uniz Ego P.E.

By _____

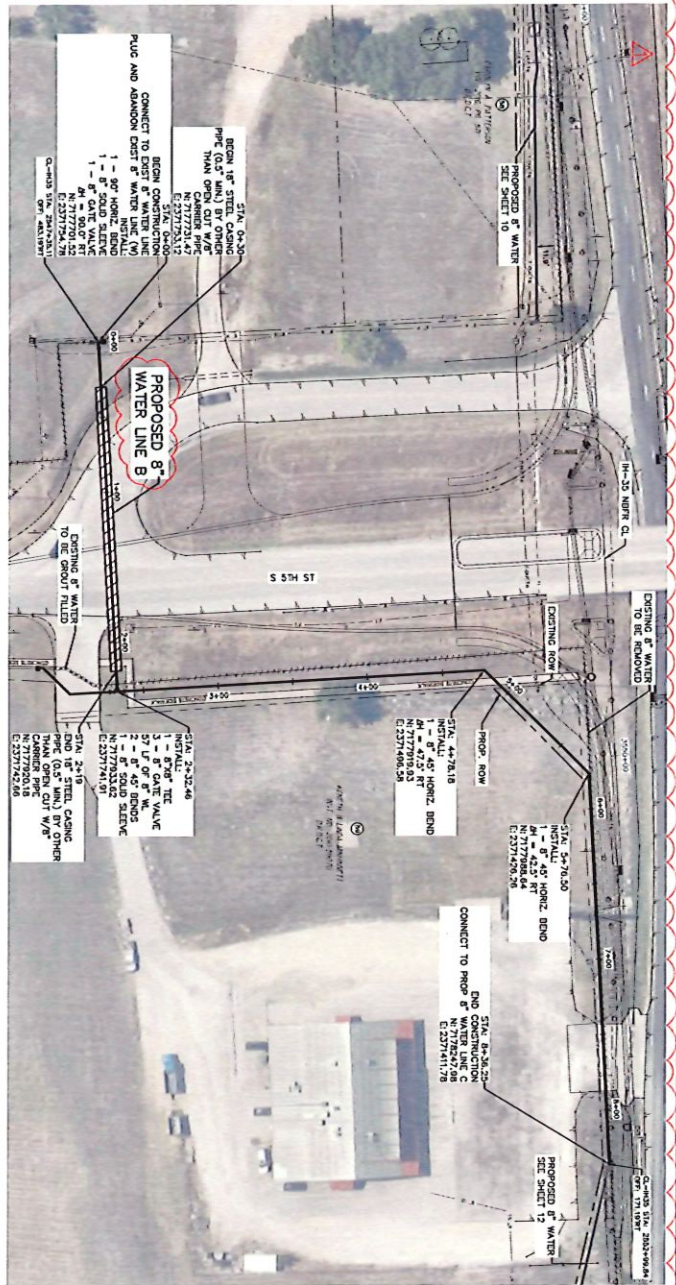
Accepted by Contractor

By Adam Darrach

Distribution
1-Owner, 1 - Contractor, 1 - KHA Office



CSJ 074 - PROPOSED 8IN WL B STA 0+00 - END



GRAPHIC SCALE IN FEET
 0 20 40
 FOR 11"x17" 1"=40'
 SHEET NOTES
 1. CONTRACTOR SHALL VERIFY AND POWER POLES.

DATE:	DECEMBER 2024
DESIGN:	CR
DRAWN:	NOOH
CHECKED:	CTD
KMA NO.:	061322305

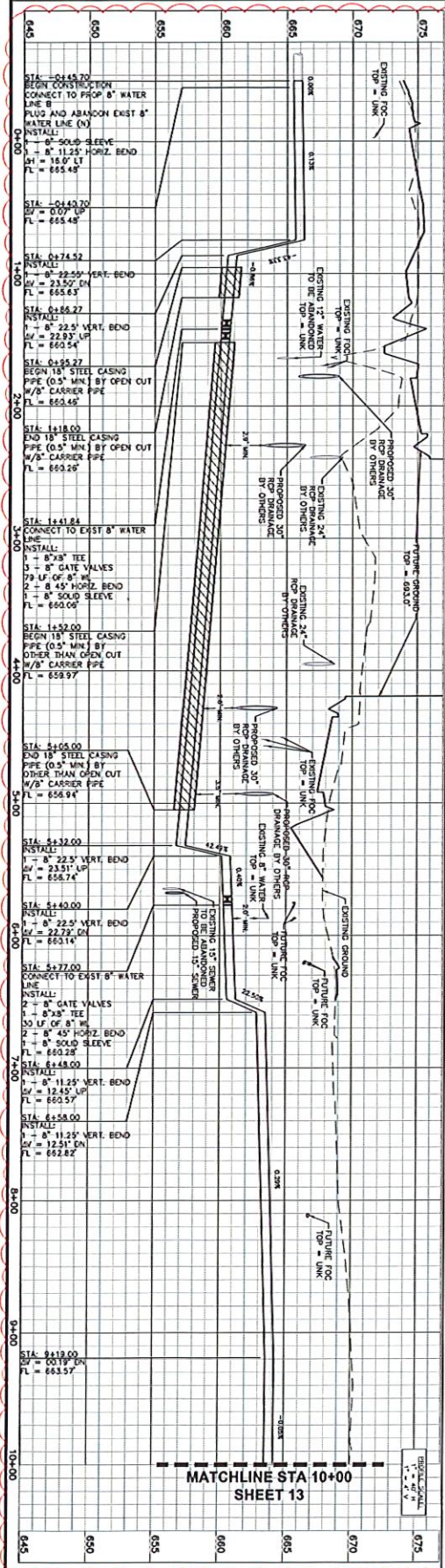
CSJ 074 - PROPOSED 8IN WL B
 STA 0+00 - END

CITY OF SANGER
 IH-35 UTILITY RELOCATIONS

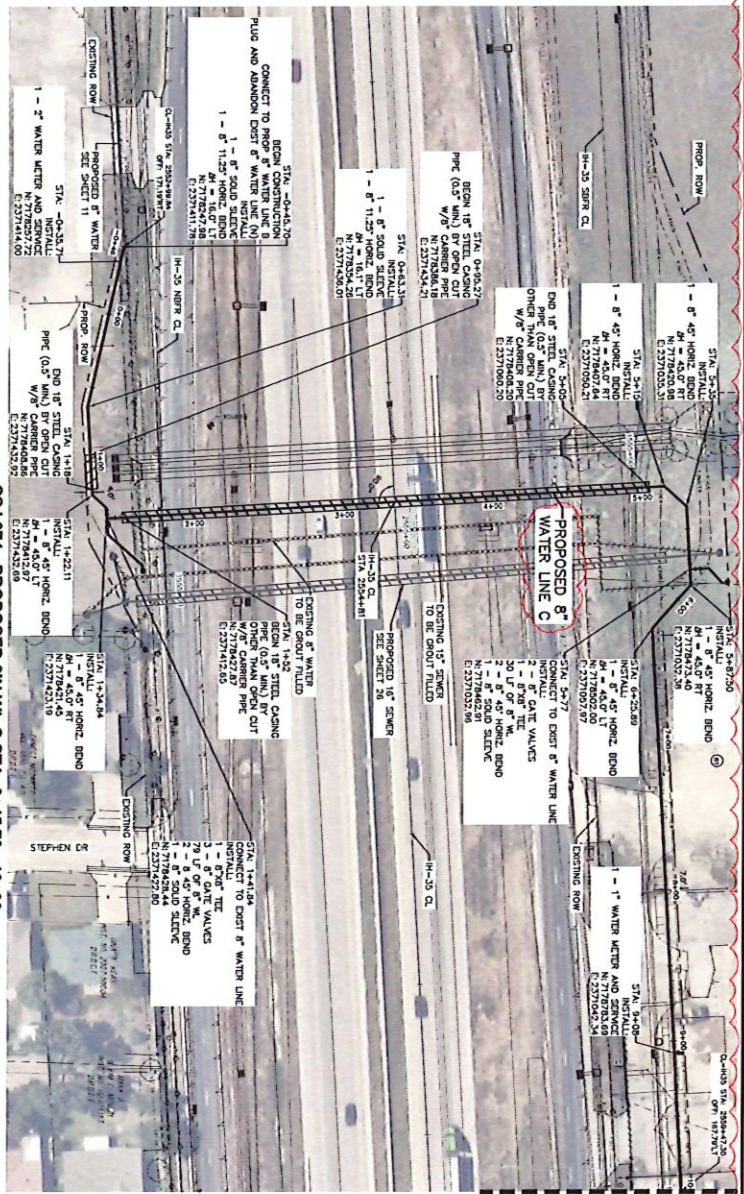


Kimley»Horn
 TYPE FIRM NO. 028 P. 817-335-6611
 801 Cherry St., Suite 500 Ft. Worth, TX 76102

No.	Revision	By	Date
1	ALIGNMENT AND PIPE SIZE CHANGE	CR	12/17/24



CSJ 074 - PROPOSED 8IN WL C STA 0+45.70 - 10+00



MATCHLINE STA 10+00 SHEET 13

12	DATE: DECEMBER 2024
	DESIGN: CPI
	DRAWN: NOOH
	CHECKED: CTD
	KHA NO.: 061322300

CSJ 074 - PROPOSED 8IN WL C
STA 0+45.70 - 10+00

CITY OF SANGER
IH-35 UTILITY RELOCATIONS



Kimley-Horn

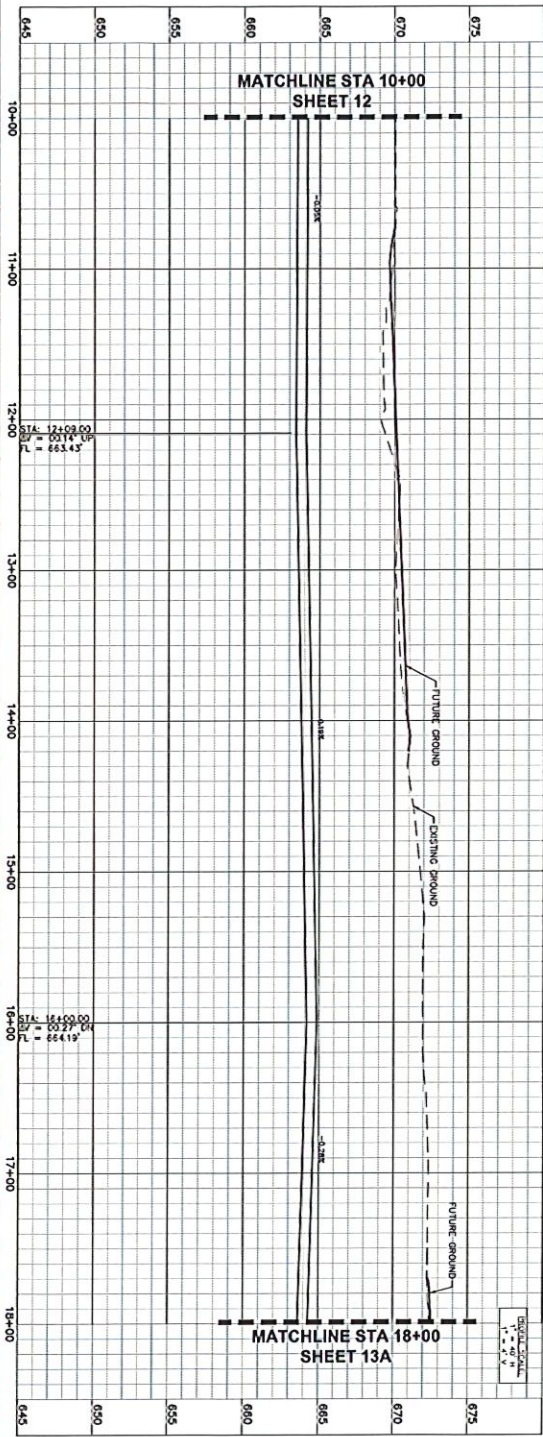
700 West 10th Street
801 Cherry St, Suite 1000 Ft. Worth, TX 76102
Tel: 817-335-8661

No.	Revision	By	Date
1	ALIGNMENT CHANGE	CPI	03/24/24
2	ALIGNMENT AND PIPE SIZE CHANGE	CPI	11/03/24

CONTRACTOR NOTES:

- CONTRACTOR SHALL PLACE ALL REELS AND FITTINGS IN THE MIDDLE OF THE ROW.
- CONTRACTOR SHALL PLACE ALL REELS AND FITTINGS IN THE MIDDLE OF THE ROW.
- CONTRACTOR SHALL PLACE ALL REELS AND FITTINGS IN THE MIDDLE OF THE ROW.





CSJ 074 - PROPOSED 8IN WL C STA 10+00 - 18+00



MATCHLINE STA 10+00 SHEET 12

MATCHLINE STA 18+00 SHEET 13A



GRAPHIC SCALE IN FEET
 0 20 40
 FOR 11"x17" 1"=50'

- SHEET NOTES:**
1. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AND SUPPORT SHALL BRACE AND PROTECT ALL UTILITIES.
 2. CONTRACTOR SHALL BRACE AND SUPPORT THE POWER POLES OF EXISTING OVERHEAD LINES TO MAINTAIN CLEARANCE WITH SANGER WINDING WITH FLOWABLE FILL.

13 SHEET	DATE: DECEMBER 2024
	DESIGN: CFI
	DRAWN: NOCH
	CHECKED: CTD
	DWG NO.: 061322300

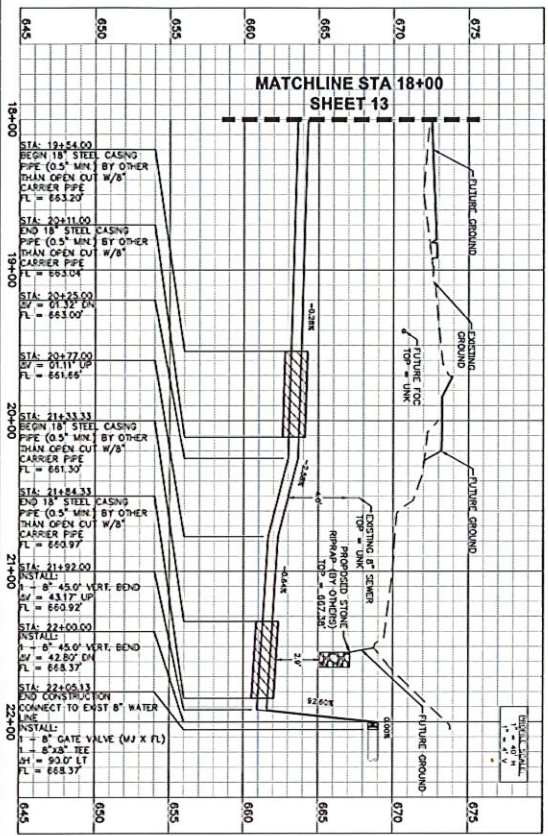
CSJ 074 - PROPOSED 8IN WL C
 STA 10+00 - 18+00

CITY OF SANGER
 IIR-35 UTILITY RELOCATIONS



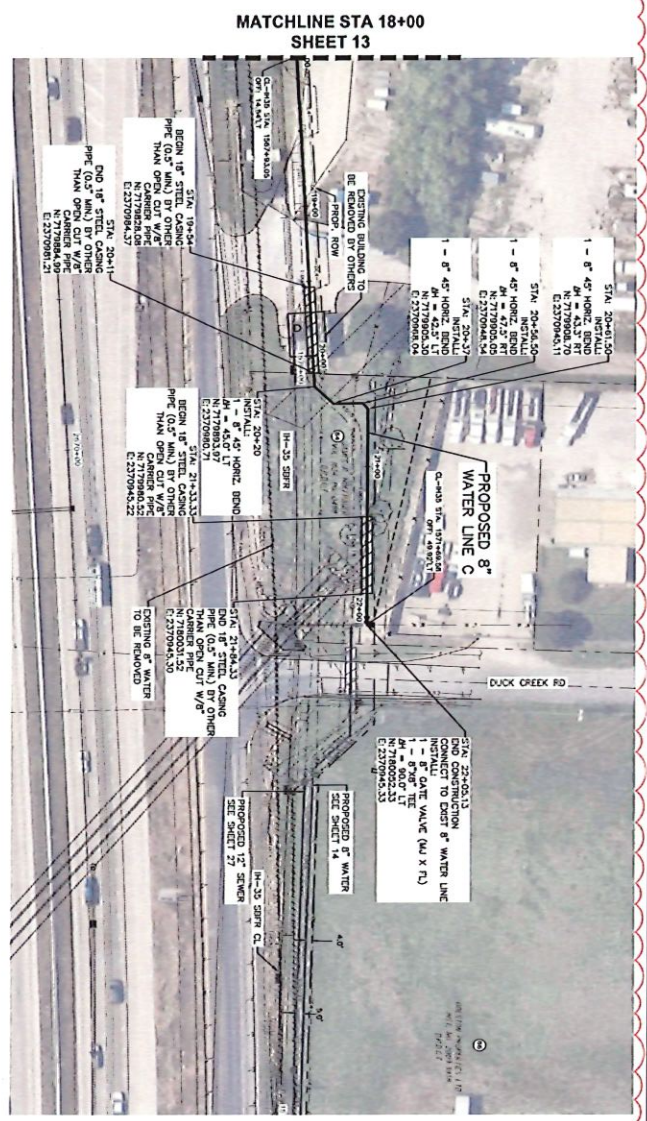

Kimley-Horn
 12/18/2024
 505 Cherry St., Suite 1000 Ft. Worth, TX 76102
 Tel: 817-520-9519
 Fax: 817-520-9518

No.	Description	Revision	By	Date
1	ALIGNMENT CHANGE		CFI	03/24/24
2	ALIGNMENT CHANGE		CH	12/27/24



18+00	STA: 18+24.00 BEGIN 18" STEEL CASING PIPE (0.5" MIN. BY OTHER THAN OPEN CUT W/8" CARRIER PIPE FL = 663.20
19+00	STA: 20+11.00 END 18" STEEL CASING PIPE (0.5" MIN. BY OTHER THAN OPEN CUT W/8" CARRIER PIPE FL = 663.04
	STA: 20+25.00 FL = 663.00
	STA: 20+77.00 FL = 661.66
20+00	STA: 21+33.33 BEGIN 18" STEEL CASING PIPE (0.5" MIN. BY OTHER THAN OPEN CUT W/8" CARRIER PIPE FL = 661.30
	STA: 21+84.33 END 18" STEEL CASING PIPE (0.5" MIN. BY OTHER THAN OPEN CUT W/8" CARRIER PIPE FL = 660.97
	STA: 21+92.00 INSTALL: 1 - 8" 45° VERT. BEND S/L = 43.17' UP FL = 660.92
21+00	STA: 22+00.00 INSTALL: 1 - 8" 45° VERT. BEND S/L = 42.87' DN FL = 668.37
22+00	STA: 22+00.00 END CONSTRUCTION CONNECT TO EXIST 8" WATER LINE INSTALL: 1 - 8" GATE VALVE (MJ X FL) S/L = 8'28" SEE S/L = 90.0' LT FL = 668.37

CSJ 074 - PROPOSED 8IN WL C STA 18+00 - END



GRAPHIC SCALE IN FEET
0 20 40 60
FOR 11"x17" - 1"=80'

NOTE:
1. CONTRACTOR SHALL MAINTAIN EXISTING UTILITIES AND SUPPORT THE POWER AND SIGNALING UTILITIES DURING CONSTRUCTION. COORDINATE WITH SANGER UTILITIES DEPARTMENT FOR ANY NECESSARY RELOCATIONS.
2. CONTRACTOR SHALL MAINTAIN EXISTING UTILITIES AND SUPPORT THE POWER AND SIGNALING UTILITIES DURING CONSTRUCTION. COORDINATE WITH SANGER UTILITIES DEPARTMENT FOR ANY NECESSARY RELOCATIONS.

13A

DATE:	DECEMBER 2024
DESIGN:	CFI
DRAWN:	NOCH
CHECKED:	CTD
KHA NO.:	061322300

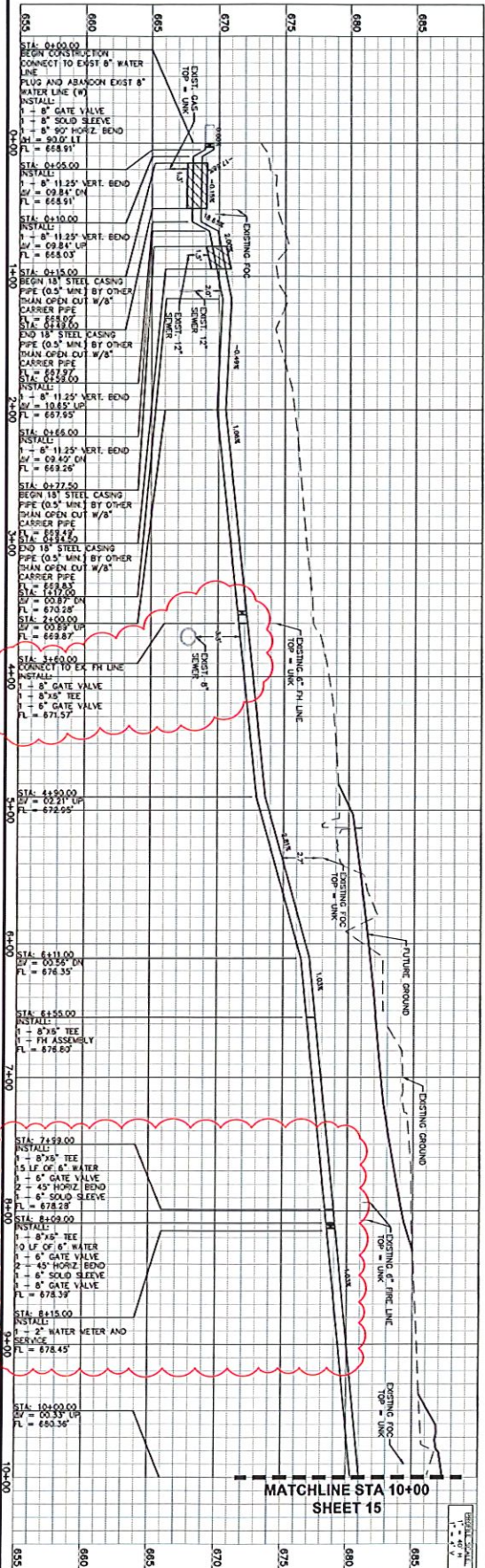
CSJ 074 - PROPOSED 8IN WL C STA 18+00 - END

CITY OF SANGER
IH-35 UTILITY RELOCATIONS

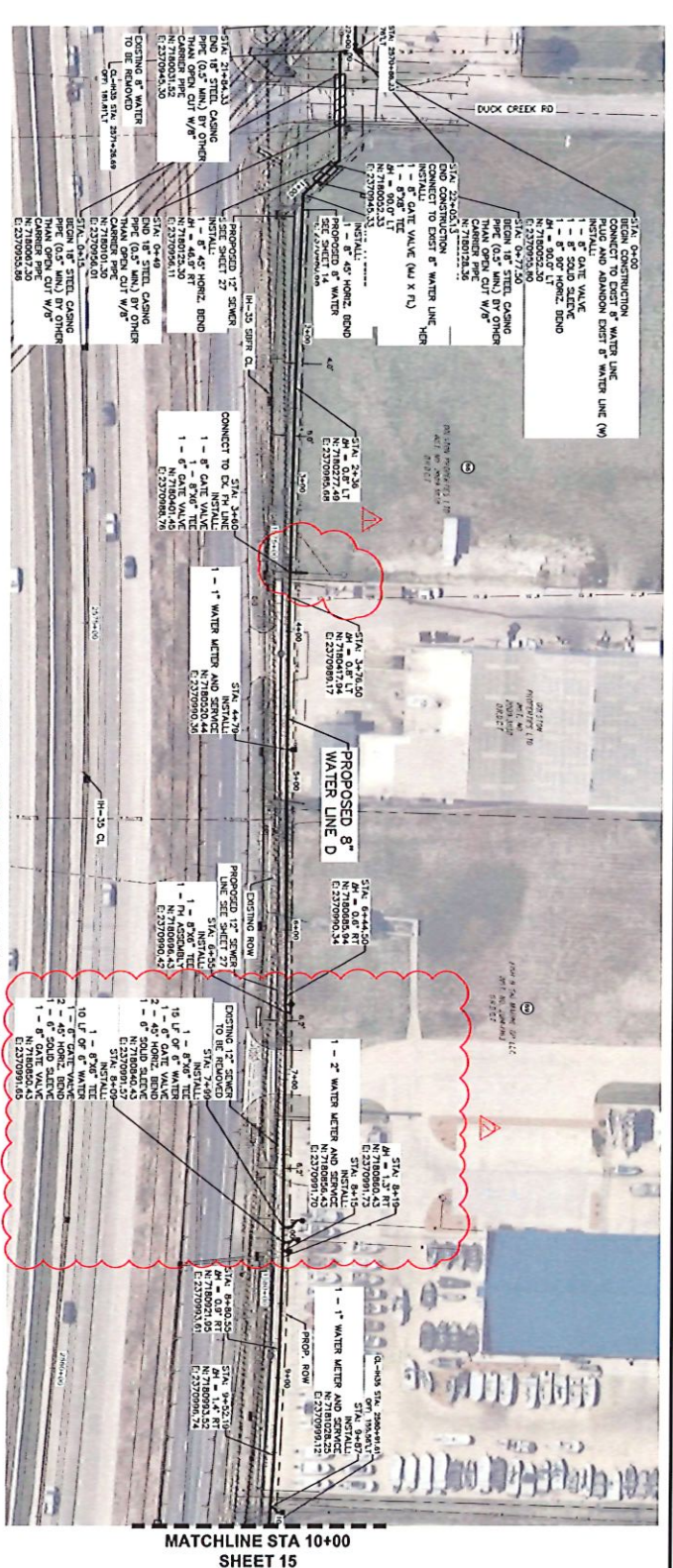
Kimley»Horn

1000 West 10th Street, Suite 1000, Sanger, TX 76875
817-253-8888

No.	Revision	By	Date
1	ALIGNMENT CHANGE	CFI	11/13/24



CSJ 074 - PROPOSED 8IN WL D STA 0+00 - 10+00



MATCHLINE STA 10+00
SHEET 15

GRAPHIC SCALE IN FEET
0 20 40
1" = 40'

CONTRACTOR SHALL MAINTAIN EXISTING WATER LINES PRIOR TO CONNECTIONS.

CONTRACTOR SHALL LOCATE EXISTING WATER LINES PRIOR TO CONNECTIONS.

CONTRACTOR SHALL PLACE TOWNSHIP TIES IN AREAS BETWEEN POLES TO ENSURE PROPER ALIGNMENT TO EXISTING WATER LINE BY OTHER CUT BID ITEM.

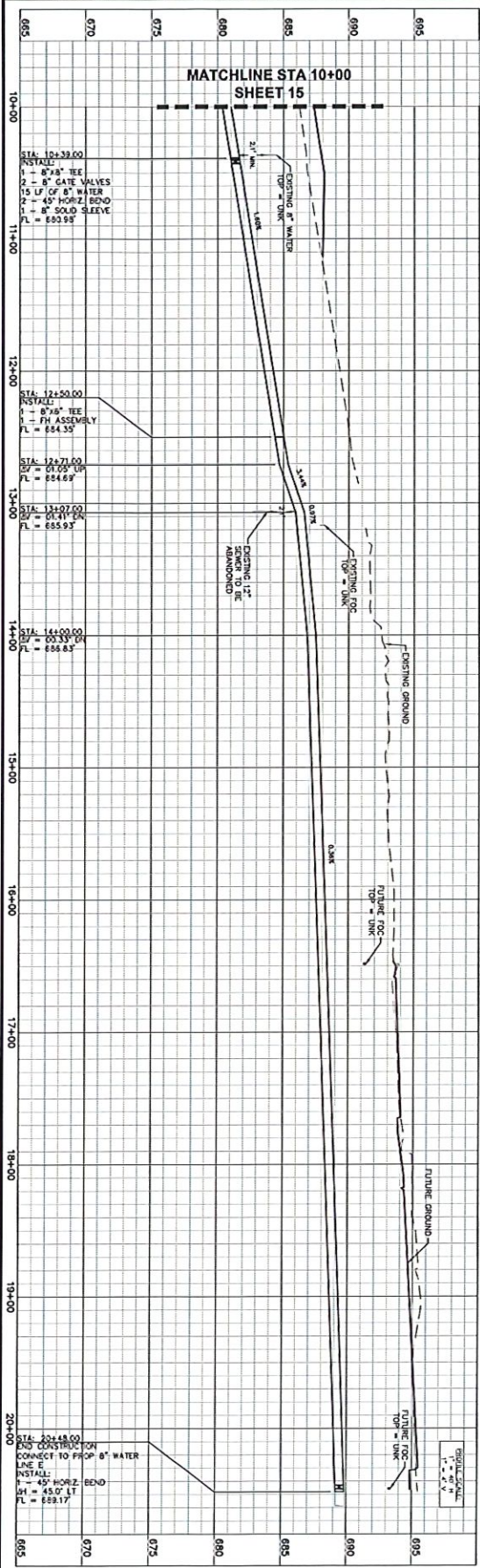
PROPOSED WATER LINE D IS GENERALLY 4'-00" FROM '1807' DOWNSIDE OF EXISTING WATER MAINS. CONTRACTOR SHALL VERIFY THIS ALIGNMENT WITH MANUFACTURERS OF MANUFACTURING RECOMMENDATION CONTRACTOR WHEN IN SAME TRENCH AS EXISTING WATER MAINS FOR CLARITY.

14	DATE: DECEMBER 2024	CSJ 074 - PROPOSED 8IN WL D STA 0+00 - 10+00
	DESIGN: CFI	
	DRAWN: NOCH	
	CHECKED: CTD	
	KHA NO.: 06132230	

CITY OF SANGER
IH-35 UTILITY RELOCATIONS

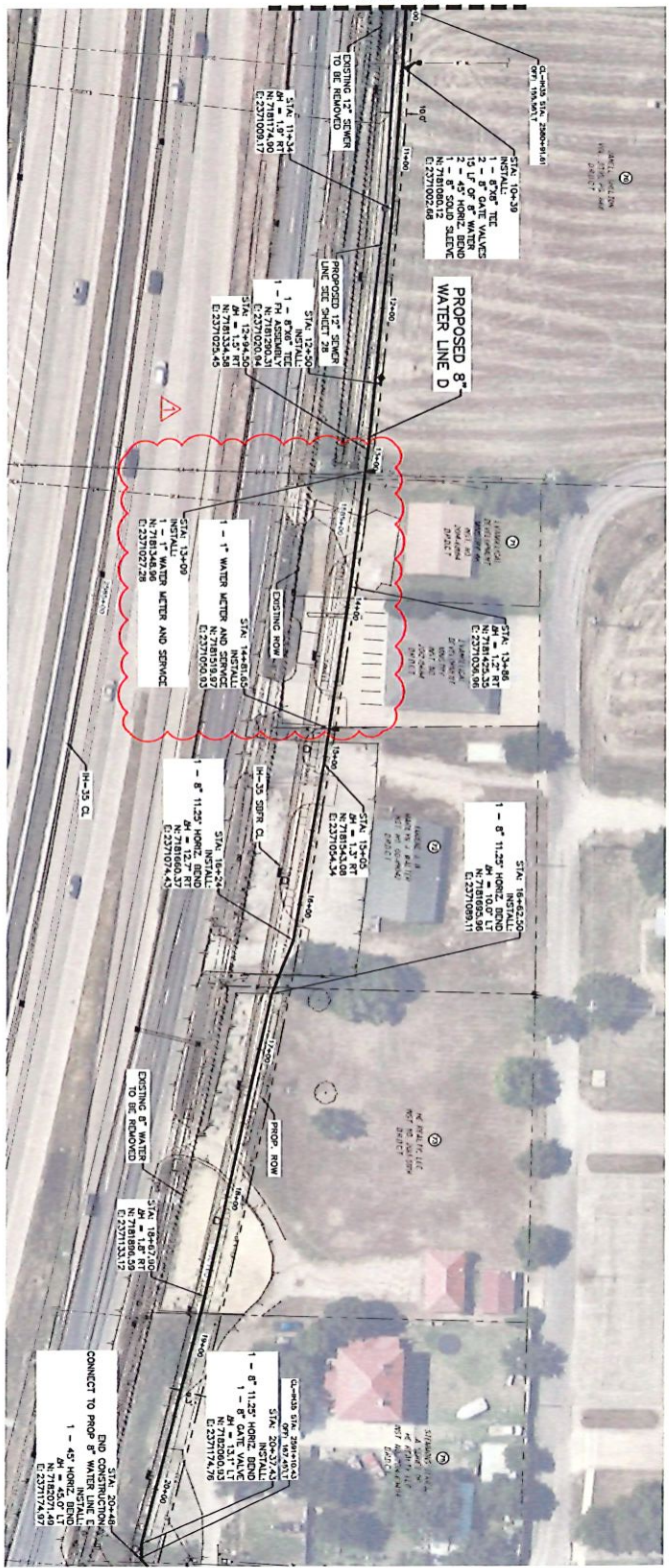
Kimley-Horn
TYPE Plan No. 628
801 Cherry St., Suite 1200 Ft. Worth, TX 76102
P. 817-509-6611

No.	Revision	By	Date
1	CONNECT TO EXISTING FIRE M-GRADE	CFI	10/22/24
2	CONNECT TO EXISTING FIRE LINE AND METER	CFI	10/29/24



CSJ 074 - PROPOSED 8IN WL D STA 10+00 - END

MATCHLINE STA 10+00
SHEET 15



1. CONTRACTOR SHALL PROTECT ALL TREES AND POWER POLES.
2. TEMPORARY WATER SERVICES CONNECTION, THIS SHALL BE CONSIDERED DISCONNECTED AND CONNECTION TO EXISTING 8" WATER LINE DIB SHALL BE MADE AT THE TIME OF CONSTRUCTION.
3. CONTRACTOR SHALL MAINTAIN EXISTING CONSTRUCTION SERVICES AT ALL TIMES.
4. CONTRACTOR SHALL LOCATE TO CONSTRUCTION TO VERIFY CONNECTIONS.
5. CONTRACTOR SHALL PLACE EXISTING POWER POLES AND POWER POLES THAT ARE EXISTING UNDER PREVIOUS SUPPORT STRUCTURE TO THE EXISTING 8" WATER LINE DIB.
6. PROPOSED WATER LINE D IS GENERALLY 4'-0" FROM EXISTING 12" SEWER LINE. CONTRACTOR SHALL VERIFY AND POWER POLES AS NECESSARY. CONTRACTOR SHALL VERIFY AND POWER POLES AS NECESSARY. CONTRACTOR SHALL VERIFY AND POWER POLES AS NECESSARY. CONTRACTOR SHALL VERIFY AND POWER POLES AS NECESSARY.

15	DATE:	DECEMBER 2024
	DESIGN:	CPI
	DRAWN:	NOCH
	CHECKED:	CTD
	KHA NO.:	661322300

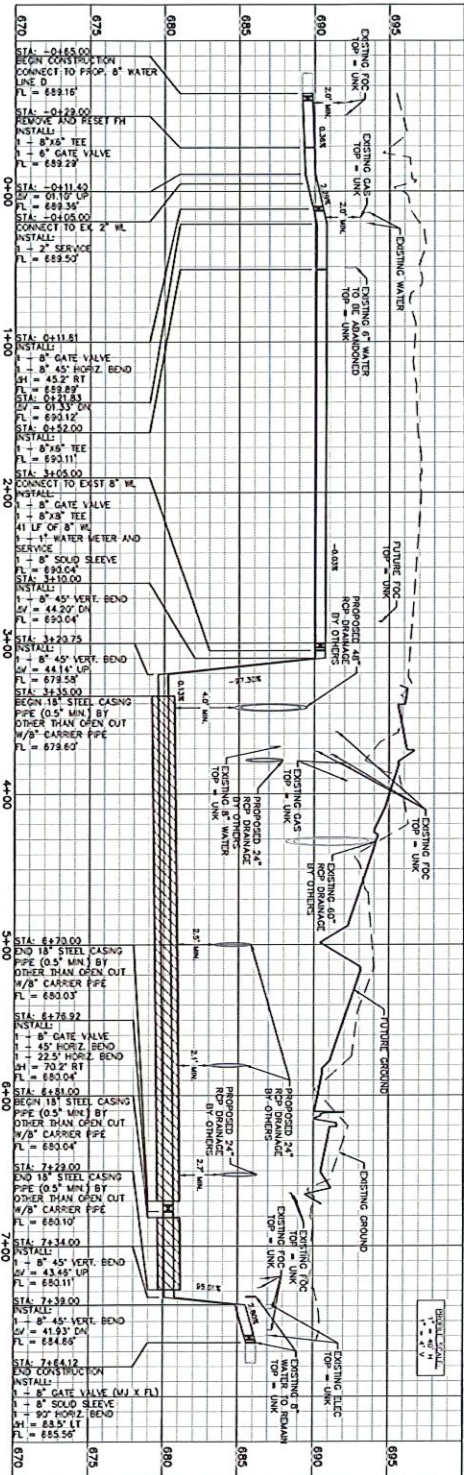
CSJ 074 - PROPOSED 8IN WL D
STA 10+00 - END

CITY OF SANGER
IH-35 UTILITY RELOCATIONS

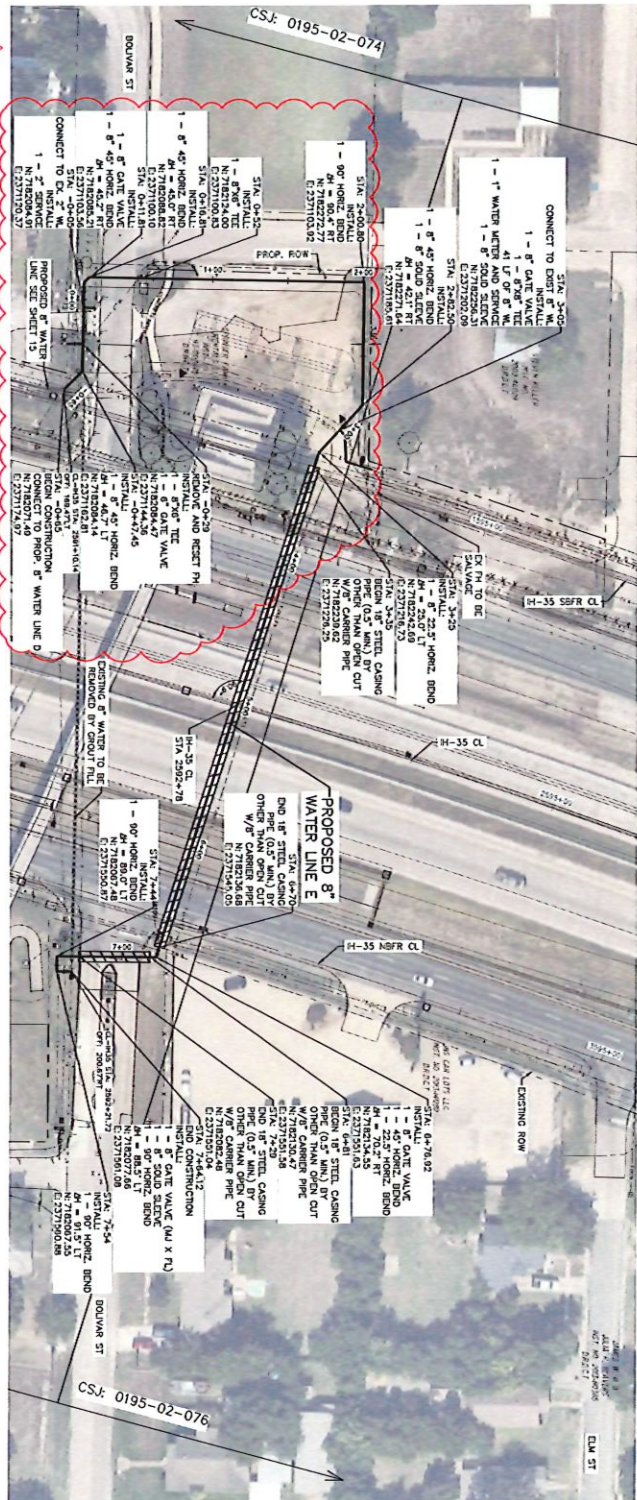
Kimley»Horn

TYPE 700 800
801 Orlan St., Suite 1000 Ft. Worth, TX 76102
P 817-335-6611

No.	Revision	By	Date
1	CONNECT TO WATER SERVICE	CPI	12/29/24



CSJ 074 - PROPOSED 8IN WL E STA 0+65 - END



GRAPHIC SCALE IN FEET
 0 20 40 60 80
 FOR 11"x17" 1"=80"

SHEET NOTES
 1. CONTRACTOR SHALL
 PROVIDE ALL NECESSARY
 POWER POLES, TREES AND
 OTHER OBSTRUCTIONS

16	DATE: DECEMBER 2024
	DESIGN: CFI
	DRAWN: NODH
	CHECKED: CTD
	KMA NO.: 061322300

CSJ 074 - PROPOSED 8IN WL E
 STA 0+65 - END

CITY OF SANGER
 IH-35 UTILITY RELOCATIONS



Kimley-Horn
 801 Cherry St., Suite 500 Ft. Worth, TX 76102
 TEL: 817-335-8600 FAX: 817-335-8601

No.	Revision	By	Date
1.	CONNECT TO PROP. W.L. TO N.S.	CFI	11/26/24