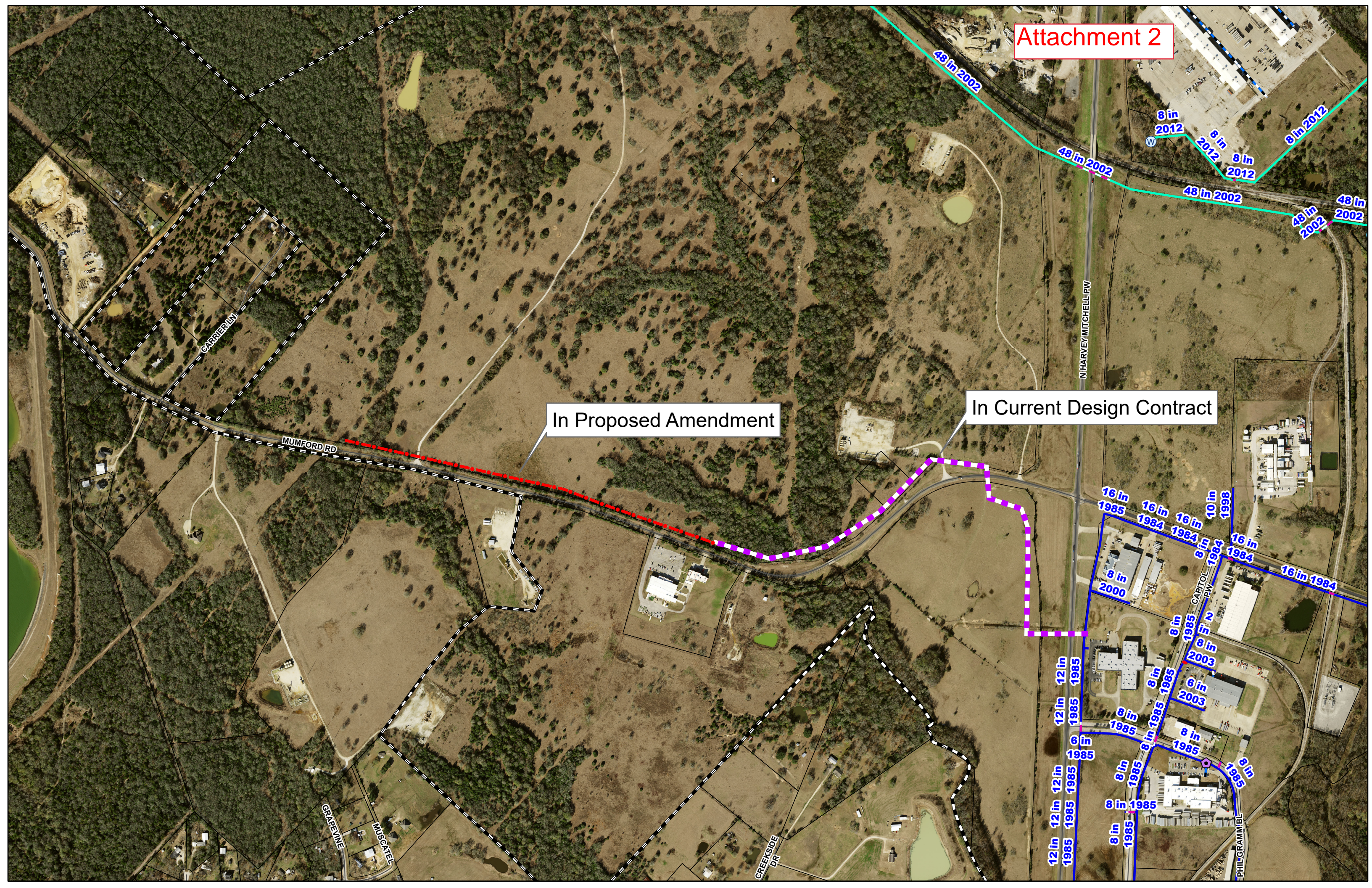
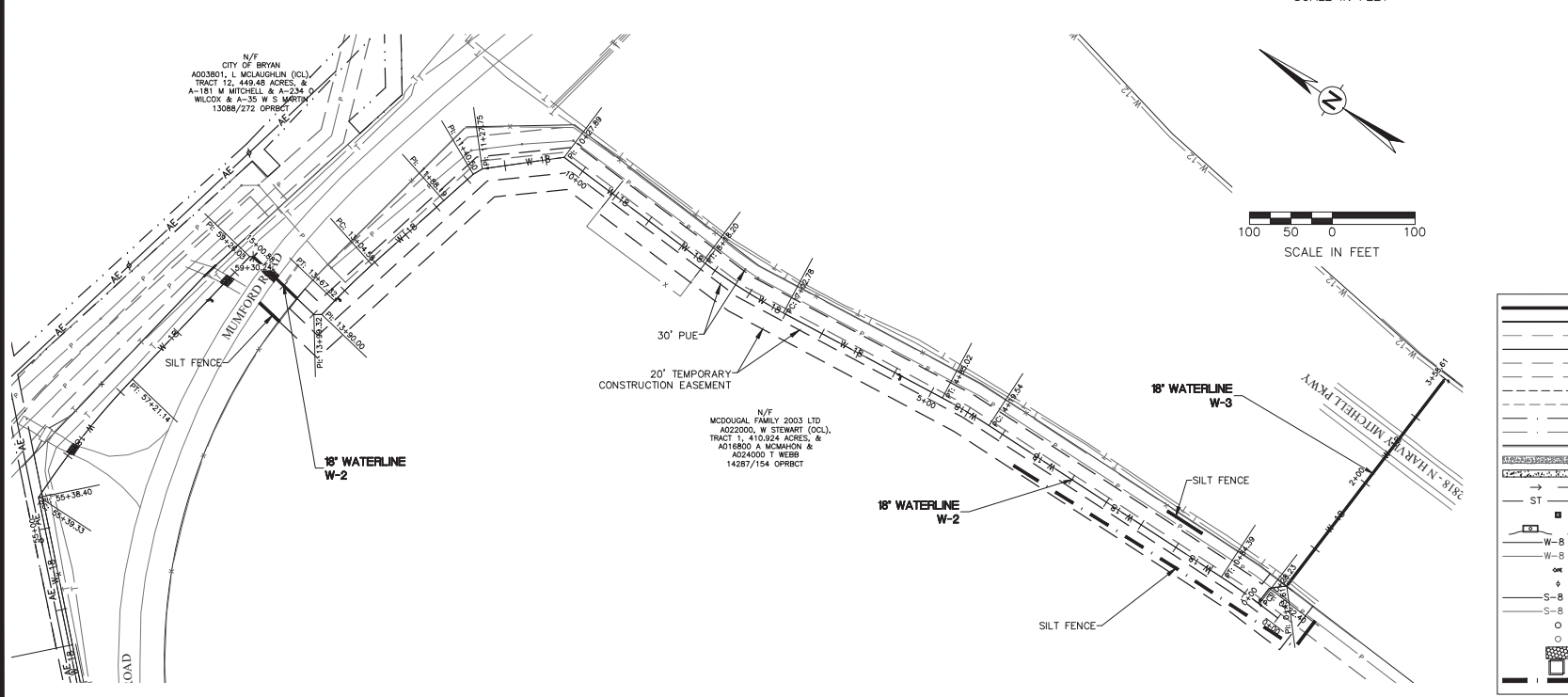
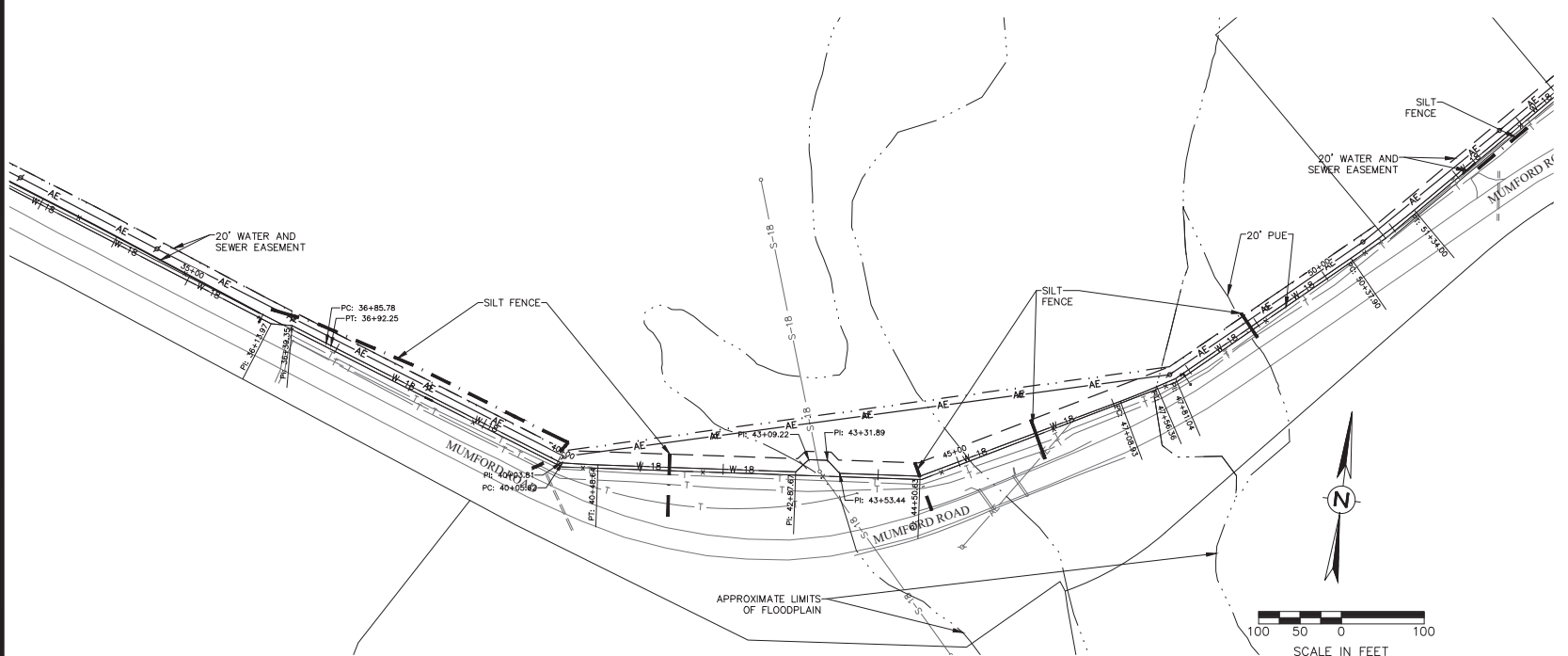
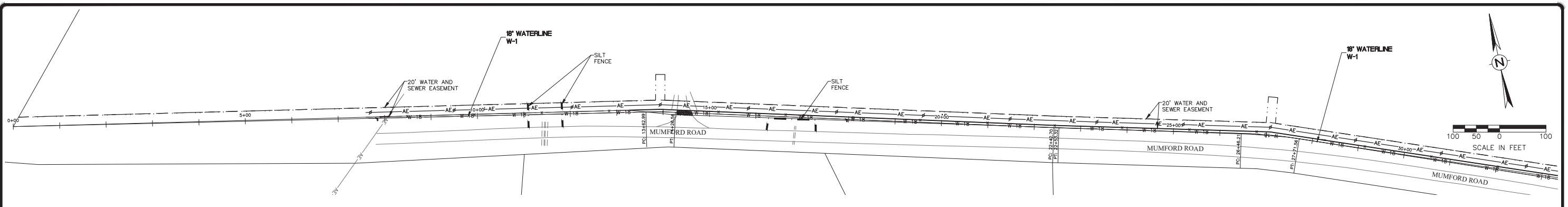


# Attachment 2



In Proposed Amendment

In Current Design Contract



Alignment Data: W-1

Number	Start Station	End Station	Length	Line/Chord Direction	Radius	Delta	DOC	Mid Ord	Tangent	Start Northing	Start Easting	End Northing	End Easting
L1	0+00.00	13+62.99	1362.99	S79° 24' 50"E						10246541.51	3517725.98	10246291.11	3519065.77
C1	13+62.99	14+26.56	63.57	S77° 35' 33"E	1000.00	003°38'33"	005.7296	0.51	31.80	10246291.11	3519065.77	10246277.45	3519127.84
L2	14+26.56	22+42.70	816.14	S75° 46' 17"E						10246277.45	3519127.84	10246076.85	3519918.95
C2	22+42.70	22+53.32	10.62	S76° 04' 32"E	1000.00	000°36'30"	005.7296	0.01	5.31	10246076.85	3519918.95	10246074.30	3519929.25
L3	22+53.32	28+46.21	592.89	S76° 22' 47"E						10246074.30	3519929.25	10245981.78	3520311.09
C3	28+46.21	27+71.56	125.35	S72° 47' 19"E	1000.00	007°10'50"	005.7296	1.96	62.78	10245981.78	3520311.09	10245944.71	3520430.75
L4	27+71.56	36+13.97	842.41	S69° 11' 51"E						10245944.71	3520430.75	10245645.53	3521243.62
L5	36+13.97	36+39.35	25.38	N88° 11' 09"E						10245645.53	3521243.62	10245646.28	3521243.62
L6	36+39.35	36+85.78	46.43	S69° 11' 51"E						10245646.28	3521243.62	10245629.79	3521287.02
C4	36+85.78	36+92.25	6.47	S69° 22' 58"E	1000.00	000°22'14"	005.7296	0.01	3.23	10245629.79	3521287.02	10245627.51	3521293.08
L7	36+92.25	40+03.81	311.55	S69° 34' 05"E						10245627.51	3521293.08	10245518.75	3521586.84
L8	40+03.81	40+05.62	1.81	N87° 55' 55"E						10245518.75	3521586.84	10245518.82	3521586.84
C5	40+05.62	40+48.64	43.02	N86° 41' 58"E	1000.00	002°27'53"	005.7296	0.23	21.51	10245518.82	3521586.84	10245521.30	3521629.79
L9	40+48.64	42+87.67	239.04	N85° 28' 02"E						10245521.30	3521629.79	10245504.19	3521868.07
L10	42+87.67	43+09.22	21.55	N40° 28' 02"E						10245504.19	3521868.07	10245556.58	3521904.66
L11	43+09.22	43+31.89	22.67	N85° 28' 02"E						10245556.58	3521904.66	10245558.37	3521904.66
L12	43+31.89	43+53.44	21.55	S49° 31' 58"E						10245558.37	3521904.66	10245544.39	3521921.05
L13	43+53.44	44+50.63	97.19	N85° 28' 02"E						10245544.39	3521921.05	10245552.07	3522017.94
L14	44+50.63	47+08.93	258.30	N61° 58' 02"E						10245552.07	3522017.94	10245669.47	3522248.02
C6	47+08.93	47+56.36	47.43	N61° 36' 30"E	1000.00	002°43'03"	005.7296	0.28	23.72	10245669.47	3522248.02	10245692.02	3522289.74
L15	47+56.36	47+81.04	24.68	N60° 14' 59"E						10245692.02	3522289.74	10245704.26	3522311.17
L16	47+81.04	50+37.90	256.85	N48° 59' 59"E						10245704.26	3522311.17	10245872.78	3522505.02
C7	50+37.90	51+34.00	96.10	N46° 14' 47"E	1000.00	005°30'23"	005.7296	1.15	48.09	10245872.78	3522505.02	10245939.21	3522574.41
L17	51+34.00	55+39.33	404.40	N43° 29' 36"E						10245939.21	3522574.41	10246232.59	3522852.74
L18	55+39.33	55+39.33	0.00	N88° 29' 36"E						10246232.59	3522852.74	10246232.61	3522853.68
C8	55+39.33	57+21.14	181.80	S86° 17' 54"E	1000.00	010°25'00"	005.7296	4.13	91.15	10246232.61	3522853.68	10246220.89	3523034.86
L19	57+21.14	59+26.03	204.89	S81° 05' 24"E						10246220.89	3523034.86	10246189.15	3523237.28
L20	59+26.03	59+30.24	4.21	S36° 05' 24"E						10246189.15	3523237.28	10246185.76	3523239.75

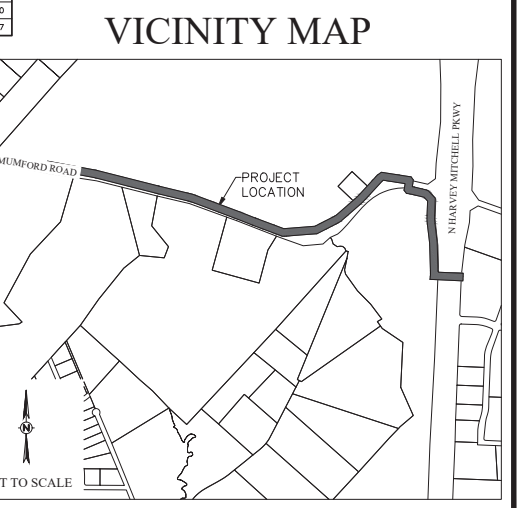
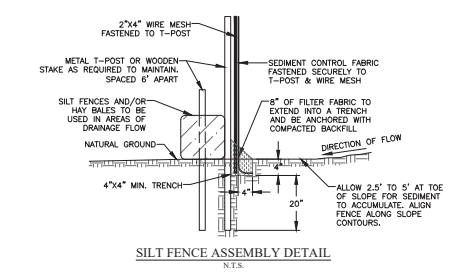
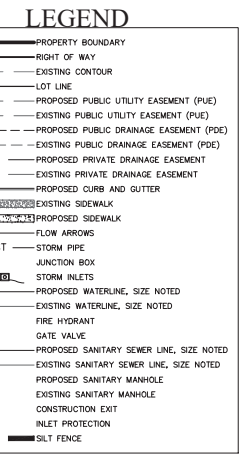
Alignment Data: W-2

Number	Start Station	End Station	Length	Line/Chord Direction	Radius	Delta	DOC	Mid Ord	Tangent	Start Northing	Start Easting	End Northing	End Easting
L21	0+00.00	0+28.23	28.23	N02° 36' 58"E						10244920.01	3523587.56	10244948.20	3523588.84
C9	0+28.23	0+44.39	16.16	N00° 27' 23"E	750.00	004°17'28"	007.6394	0.53	28.09	10244948.20	3523588.84	10245004.35	3523589.29
L22	0+44.39	4+19.54	335.15	N01° 41' 20"W						10245004.35	3523589.29	10245339.36	3523579.41
C10	4+19.54	4+85.02	65.48	N04° 11' 23"W	750.00	005°00'07"	007.6394	0.71	32.78	10245339.36	3523579.41	10245404.64	3523574.43
L23	4+85.02	7+02.78	217.76	N06° 41' 27"W						10245404.64	3523574.43	10245620.92	3523546.25
C11	7+02.78	8+18.20	115.42	N02° 16' 07"W	747.71	008°50'40"	007.6628	2.23	57.83	10245620.92	3523546.25	10245736.13	3523546.69
L24	8+18.20	10+27.89	209.69	N02° 09' 13"E						10245736.13	3523546.69	10245845.69	3523552.57
L25	10+27.89	11+27.75	99.86	N42° 50' 47"W						10245845.69	3523552.57	10246018.89	3523484.46
L26	11+27.75	11+40.50	12.75	N85° 20' 47"W						10246018.89	3523484.46	10246024.21	3523473.07
L27	11+40.50	11+88.19	47.69	N76° 35' 47"W						10246024.21	3523473.07	10246035.26	3523426.68
L28	11+88.19	13+04.58	116.39	N76° 35' 47"W						10246035.26	3523426.68	10246062.24	3523313.46
C12	13+04.58	13+47.32	42.74	N76° 50' 36"W	800.00	004°29'37"	007.1620	0.62	31.39	10246062.24	3523313.46	10246074.38	3523251.92
L29	13+47.32	13+90.00	42.67	N81° 05' 24"W						10246074.38	3523251.92	10246077.89	3523229.52
L30	13+90.00	13+99.32	9.32	N36° 05' 24"W						10246077.89	3523229.52	10246085.43	3523224.02
L31	13+99.32	15+00.88	101.55	N08° 54' 36"E						10246085.43	3523224.02	10246185.76	3523239.75

Alignment Data: W-3

Number	Start Station	End Station	Length	Line/Chord Direction	Radius	Delta	DOC	Mid Ord	Tangent	Start Northing	Start Easting	End Northing	End Easting
L32	0+00.00	0+22.40	22.40	S87° 23' 54"E						10244950.04	3523588.92	10244949.02	3523611.30
L33	0+22.40	0+43.61	21.21	S42° 23' 54"E						10244949.02	3523611.30	10244933.36	3523625.60
L34	0+43.61	3+58.61	315.00	S87° 24' 00"E						10244933.36	3523625.60	10244919.07	3523940.27

- CONSTRUCTION NOTES:
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. NOTIFICATION OF THE UTILITY COMPANIES 48 HOURS IN ADVANCE OF CONSTRUCTION IS REQUIRED. ATMOS ENERGY: (979) 774-2506 SUDEN LINK COMMUNICATIONS: (979) 595-2429 FRONTIER COMMUNICATIONS: (979) 821-4783 CITY OF BRYAN: (979) 209-5900
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE WHATEVER MEANS NECESSARY TO MINIMIZE EROSION AND PREVENT SEDIMENT FROM LEAVING THE PROJECT SITE. THIS INCLUDES THE INSTALLATION OF A CONSTRUCTION EXIT AND SILT FENCE AS NECESSARY.
  - THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND MAINTAINING THE EROSION AND SEDIMENT CONTROL DEVICES. INSPECTIONS SHALL BE DONE EVERY 14 DAYS AND AFTER EVERY RAINFALL EVENT OF 1/2" OR MORE. THE CONTRACTOR SHALL REMOVE ALL MUD DEPOSITED ON THE ADJACENT STREETS AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT.
  - THE CONTRACTOR IS REQUIRED TO MAINTAIN THE TPDES GENERAL PERMIT NO. TXR 150000 REQUIREMENTS FOR CONSTRUCTION SITES.
  - ALL AREAS WHERE EXISTING VEGETATION AND GRASS COVER HAVE BEEN DISTURBED BY CONSTRUCTION SHALL BE ADEQUATELY BLOCK SODDED OR HYDROMULCHED, AND WATERED UNTIL GROWTH IS ESTABLISHED. IN DEVELOPED AREAS WHERE GRASS IS PRESENT, BLOCK SOIL WILL BE REQUIRED. BARE AREAS SHALL BE SEEDDED OR SODDED WITHIN 14 CALENDAR DAYS OF LAST DISTURBANCE.
  - ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2020 CITY OF BRYAN/COLLEGE STATION STANDARD SPECIFICATIONS AND DETAILS FOR WATER, SEWER, STREETS AND DRAINAGE. ALL CONSTRUCTION SHALL BE COORDINATED WITH THE CITY ENGINEER'S OFFICE.
  - THE CONSTRUCTION SHALL COMPLY WITH OSHA STANDARD 29 CFR PART 1926 SUBPART P FOR TRENCH SAFETY REQUIREMENTS.
  - THE CONTRACTOR SHALL REMOVE THE EROSION CONTROL MEASURES ONCE GRASS IS ESTABLISHED.
  - INLET PROTECTION TO BE INSTALLED AT ALL PROPOSED AND EXISTING INLETS ADJACENT TO THE PROJECT SITE.
  - THE CONTRACTOR MAY OBTAIN AN ELECTRONIC COPY OF THESE PLANS FOR CONSTRUCTION PURPOSES. THE ELECTRONIC FILE AND INFORMATION GENERATED, BY SCHULTZ ENGINEERING, LLC (SE), FOR THIS PROJECT IS CONSIDERED BY SE TO BE CONFIDENTIAL. WHEN ISSUED, ITS USE IS INTENDED SOLELY FOR THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED. PERMISSION IS NOT GRANTED TO THE RECIPIENT FOR DISTRIBUTION OF THESE DOCUMENTS IN ANY FORM OR FASHION. THE RECIPIENT UNDERSTANDS THAT THIS DATA IS AUTHORIZED "AS IS" WITHOUT ANY WARRANTY AS TO ITS PERFORMANCE, ACCURACY, FREEDOM FROM ERROR, OR AS TO ANY RESULTS GENERATED THROUGHOUT ITS USE. THE RECIPIENT ALSO UNDERSTANDS AND AGREES THAT SE, UPON RELEASE OF SUCH DATA, IS NO LONGER RESPONSIBLE FOR THEIR USE OR MODIFICATION, THE USER AND RECIPIENT OF THE ELECTRONIC DATA ACCEPTS FULL RESPONSIBILITY AND LIABILITY FOR ANY CONSEQUENCES ARISING OUT OF THEIR USE.
  - CONSTRUCTION EXIT TO BE INSTALLED AT ROADWAY ACCESS LOCATIONS FOR MATERIAL STORAGE AREAS.

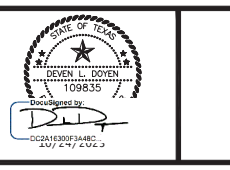


MARK	REVISION	BY	DATE

**SCHULTZ Engineering, LLC**  
 911 Southwest Pkwy E.  
 College Station, Texas 77840  
 979.764.3900  
 TBPE FIRM NO. 12327

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DEVEN L. DOYEN, P.E., LICENSE NO. 109835, OCTOBER 24, 2023  
 RELEASED FOR CONSTRUCTION

SURVEYED	DESIGNED	DRAWN	APPROVED	JOB NO.	DATE
STRONG	DLD	DLD	JPS	22-068	OCTOBER 2023



**MUMFORD ROAD WATERLINE EXTENSION**  
 CITY OF BRYAN  
 BRYAN, TX

**OVERALL LAYOUT & EROSION CONTROL PLAN**

SCALE	SHEET
VERTICAL N/A	1
HORIZONTAL 1"=100'	13
PLOTTING SCALE: 1:1	
FILE NAME: 22-068	