



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, FORT WORTH DISTRICT
P.O. BOX 17300
FORT WORTH, TX 76102-0300

May 2, 2025

Real Estate Division

SUBJECT: Lake Georgetown, Texas; Supplemental Agreement No. 1 to Consent No.
DACW63-9-05-0527

Mr. Adam Boatright
Williamson County Engineer
Williamson County
3151 Southeast Inner Loop
Georgetown, Texas 78626

Dear Mr. Boatright:

Enclosed is the subject supplemental agreement granting you permission to construct, operate, and maintain two additional bridges and associated roadway at Lake Georgetown, Texas.

Please sign, date, and return the supplemental agreement to the above address, Attention: CESWF-RE-M (Ms. Lanell Woodard). Once signed, the fully executed supplemental agreement shall be returned to you and shall be officially recorded by you and filed with the county of record.

If you have any questions, please contact Ms. Lanell Woodard, 817-886-1991 or glennisl.woodard@usace.army.mil.

Sincerely,

A handwritten signature in cursive script that reads "James B. Miller".

James B. Miller
Chief, Management and Disposal Branch
Real Estate Division

Enclosure

CONSENT NO. DACW63-9-05-0527

SUPPLEMENTAL AGREEMENT NO. 1

TO

CONSENT NO. DACW63-9-05-0527

GEORGETOWN LAKE, TEXAS

This Supplemental Agreement No. 1 is made and entered into between the Secretary of the Army, party of the first part, hereinafter referred to as the Government, and Williamson County, Texas, 710 Main Street, Suite 201, Georgetown, Texas 78626, party of the second part, hereinafter referred to as the Grantee;

W I T N E S S E T H:

WHEREAS, on March 2, 2005, the Government granted to Williamson County, Texas, the above numbered consent to construct two bridges and a roadway at Georgetown Lake, Texas, as more specifically described in said consent.

WHEREAS, Grantee has requested permission to construct two additional bridges and associated roadway.

NOW THEREFORE, Consent No. DACW63-9-05-0527 is hereby amended in the following respects only:

1. Delete the granting clause of the original consent in its entirety and substitute in lieu thereof:

NOW THEREFORE, the United States hereby gives consent to Williamson County, Texas, 710 Main Street, Georgetown, Texas 78626, to construct, maintain, and repair four (4) bridges and associated roadways at the locations shown on **EXHIBITS A1 to A5 – DESIGN PLAN, B1 – MAP, and C1 – SURVEY**, attached hereto;

2. Add Exhibit B1 – Map
3. Add Exhibit C1 – Survey
4. Add Exhibit D1 – Design Plan
5. Add Exhibit E1 – Cut and Fill Plan
6. Insert the following Conditions:

CONSENT NO. DACW63-9-05-0527

9. This project estimates cutting approximately 9,980 cubic yards of soil and adding approximately 8,241 cubic yards of fill, resulting in approximately 1,739 cubic yards of net flood storage gain, as shown on **EXHIBIT E1 – CUT AND FILL PLAN**.

10. All work must be performed in accordance with the design plan, attached as **EXHIBIT D1 - DESIGN PLAN**. All changes and/or additions to the design plan must be approved by the Lake Office prior to construction.

11. Grantee shall contact the Lake Office to schedule an inspection of the construction site prior to commencement of work.

12. This project is being reviewed by the U.S. Army Corp of Engineers Regulatory Department under project No. SWF-2022-00490. Grantee shall comply with any terms and conditions of the regulatory review.

13. The Grantee is responsible for ensuring that the fully executed consent is officially recorded and filed in the county of record, and a copy is provided to the undersigned Real Estate Contracting Officer within 30 days of receipt.

EXCEPT for the revision above, the terms and conditions of the consent shall remain unchanged and in full force and effect.

THE REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK

CONSENT NO. DACW63-9-05-0527

IN WITNESS WHEREOF, I have hereunto set my hand by authority of the
Secretary of the Army, this _____ day of _____, 2025.

Lee A. Flannery
Deputy Chief, Real Estate Division
Real Estate Contracting Officer

The above instrument, together with all the conditions thereof, is hereby
accepted this 10 day of June, 2025.

Williamson County, Texas


Steve Snell (Jun 10, 2025 22:47 CDT)

Signature

County, Judge

Title

ACKNOWLEDGMENT

STATE OF TEXAS

§

§ SS.

COUNTY OF TARRANT

§

On this _____ day of _____, 2025, before me, the undersigned officer, personally appeared within named _____, _____, United States Army Corps of Engineers, Fort Worth District, on behalf of the United States of America, and known to me to be the person whose name is subscribed to the foregoing instrument by virtue of the above-cited authority and acknowledged to me that he executed the same in such capacity for the purposes and consideration therein expressed.

Given under my hand and seal this _____ day of _____, 2025.

Notary Public, State of Texas

My Commission Expires: _____

Printed Name: _____

STATE OF TEXAS

§

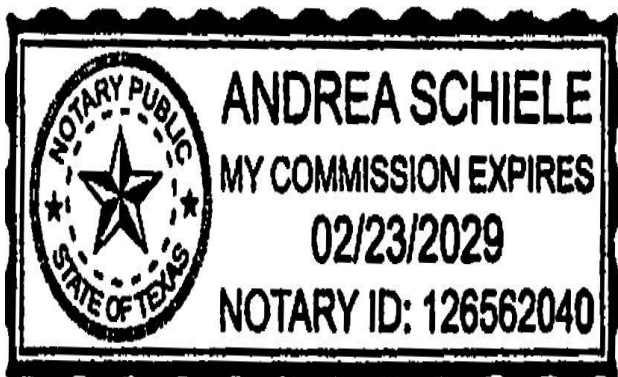
§ SS.

COUNTY OF Williamson

§

On this 10 day of June, 2025, before me, the undersigned officer, personally appeared Steven Snell, known to me to be the person described in the foregoing instrument, who acknowledged that he executed the same in the capacity therein stated and for the purpose therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.



Andrea L. Schiele

Andrea L. Schiele (Jun 11, 2025 09:06 CDT)

Notary Public, State of Texas

My Commission Expires: 02/23/2029

Printed Name: Andrea L. Schiele

CERTIFICATE OF AUTHORITY

I, Nancy E. Rister, certify that I am the County Clerk of **Williamson County, Texas**, named as the Grantee herein; and that Judge Steven Snell, who signed the foregoing instrument on behalf of the Grantee, was then County Judge of **Williamson County, Texas**. I further certify that the said officer was acting within the scope of powers delegated to this governing body of the Grantee in executing said instrument.

Williamson County, Texas

6-12-2025
Date

Nancy E. Rister
Authorized Representative

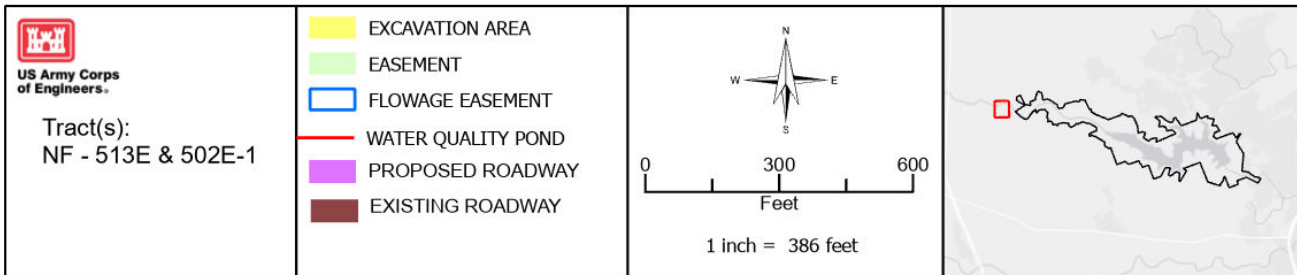
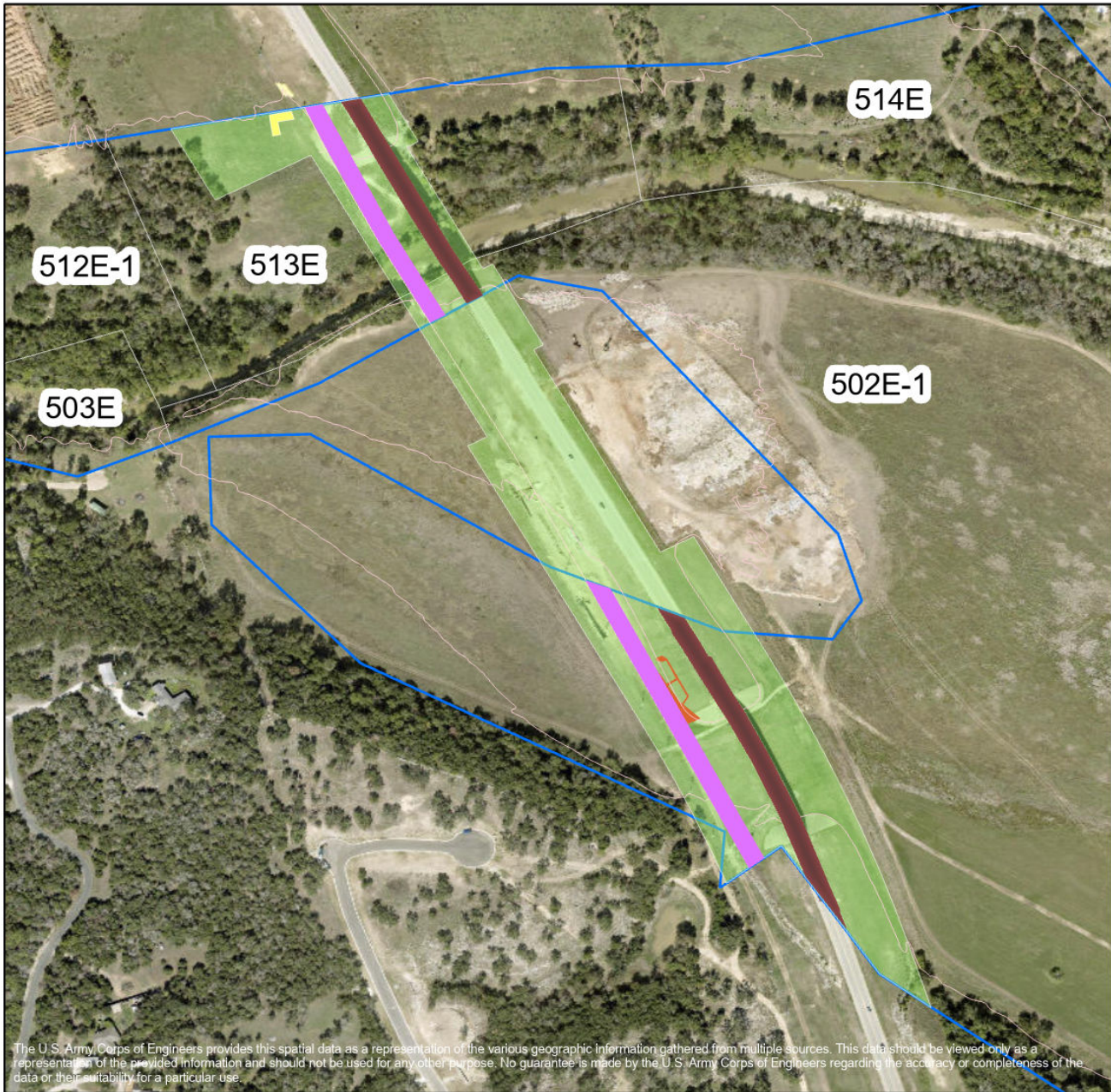
Williamson County Clerk
Title

AFFIX COMPANY SEAL



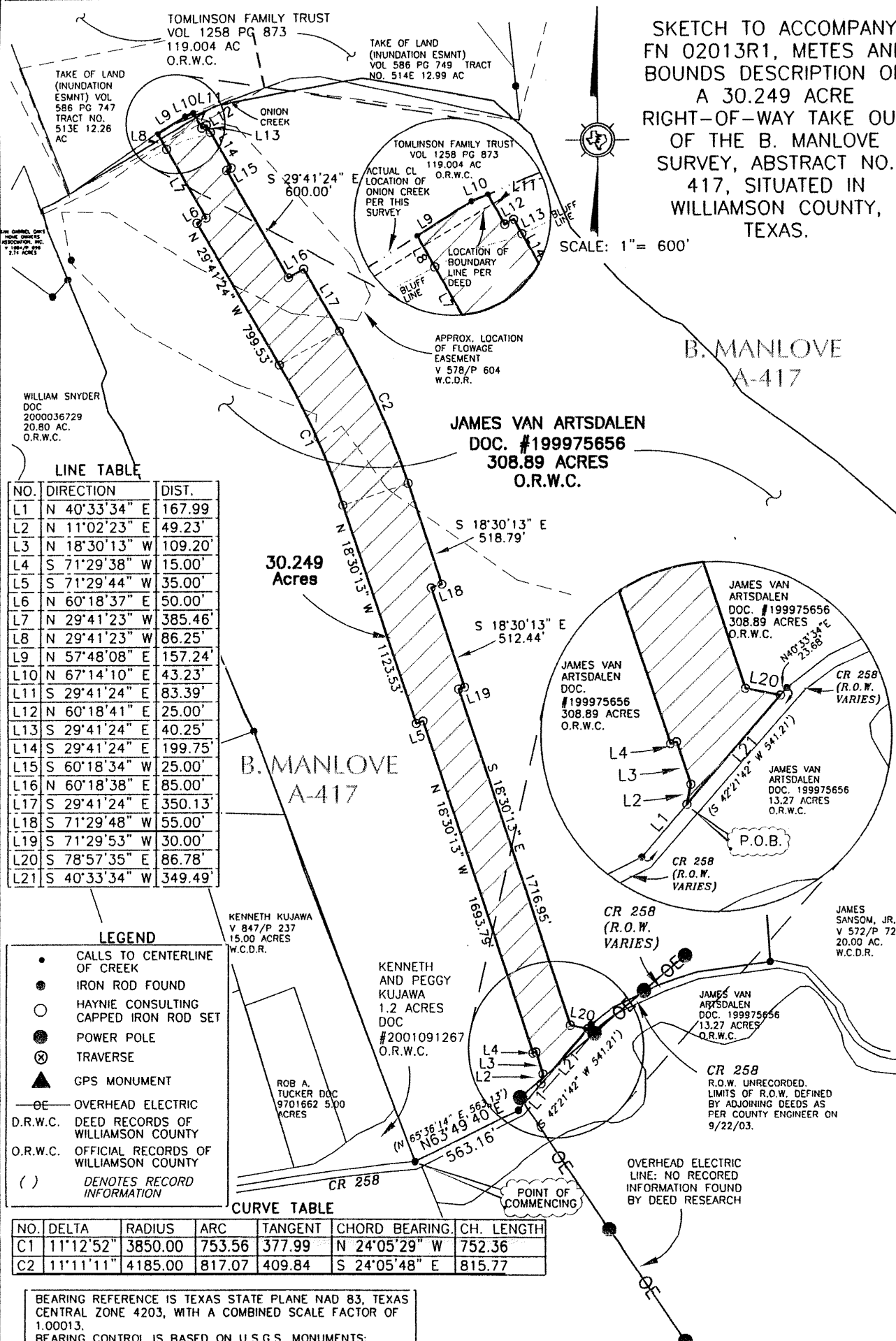
NOTE: This form certifies that the person signing the attached instrument has the authority to do so. The signature of the Secretary/Attesting Officer and the individual signing the attached instrument cannot be the same person.

CONSENT
Ronald Reagan Blvd, Liberty Hill, Texas 78642
Bridge Construction Request
Lake Georgetown



SKETCH TO ACCOMPANY
FN 02013R1, METES AND
BOUNDS DESCRIPTION OF
A 30.249 ACRE
RIGHT-OF-WAY TAKE OUT
OF THE B. MANLOVE
SURVEY, ABSTRACT NO.
417, SITUATED IN
WILLIAMSON COUNTY,
TEXAS.

SCALE: 1"= 600'



LINE TABLE		
NO.	DIRECTION	DIST.
L1	N 40°33'34" E	167.99
L2	N 11°02'23" E	49.23
L3	N 18°30'13" W	109.20
L4	S 71°29'38" W	15.00
L5	S 71°29'44" W	35.00
L6	N 60°18'37" E	50.00
L7	N 29°41'23" W	385.46
L8	N 29°41'23" W	86.25
L9	N 57°48'08" E	157.24
L10	N 67°14'10" E	43.23
L11	S 29°41'24" E	83.39
L12	N 60°18'41" E	25.00
L13	S 29°41'24" E	40.25
L14	S 29°41'24" E	199.75
L15	S 60°18'34" W	25.00
L16	N 60°18'38" E	85.00
L17	S 29°41'24" E	350.13
L18	S 71°29'48" W	55.00
L19	S 71°29'53" W	30.00
L20	S 78°57'35" E	86.78
L21	S 40°33'34" W	349.49

- LEGEND**
- CALLS TO CENTERLINE OF CREEK
 - IRON ROD FOUND
 - HAYNIE CONSULTING CAPPED IRON ROD SET
 - POWER POLE
 - ⊗ TRAVERSE
 - ▲ GPS MONUMENT
 - OE— OVERHEAD ELECTRIC
 - D.R.W.C. DEED RECORDS OF WILLIAMSON COUNTY
 - O.R.W.C. OFFICIAL RECORDS OF WILLIAMSON COUNTY
 - () DENOTES RECORD INFORMATION

CURVE TABLE						
NO.	DELTA	RADIUS	ARC	TANGENT	CHORD BEARING	CH. LENGTH
C1	11°12'52"	3850.00	753.56	377.99	N 24°05'29" W	752.36
C2	11°11'11"	4185.00	817.07	409.84	S 24°05'48" E	815.77

BEARING REFERENCE IS TEXAS STATE PLANE NAD 83, TEXAS CENTRAL ZONE 4203, WITH A COMBINED SCALE FACTOR OF 1.00013.
BEARING CONTROL IS BASED ON U.S.G.S. MONUMENTS:

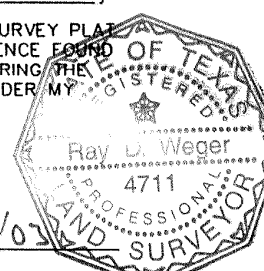
GEORGETOWN LAT 30° 40' 53.48127"(N) (NAD 83)
LONG 97° 41' 07.17138"(W) (NAD 83)

HOG MOUNTAIN LAT 30° 55' 07.21931"(N) (NAD 83)
LONG 97° 46' 13.56682"(W) (NAD 83)

I, RAY D. WEGER, R.P.L.S., CERTIFY THAT THIS SURVEY PLAT IS AN ACCURATE REPRESENTATION OF THE EVIDENCE FOUND BY AN ON THE GROUND SURVEY PERFORMED DURING THE MONTHS OF NOVEMBER AND DECEMBER 2002 UNDER MY SUPERVISION.

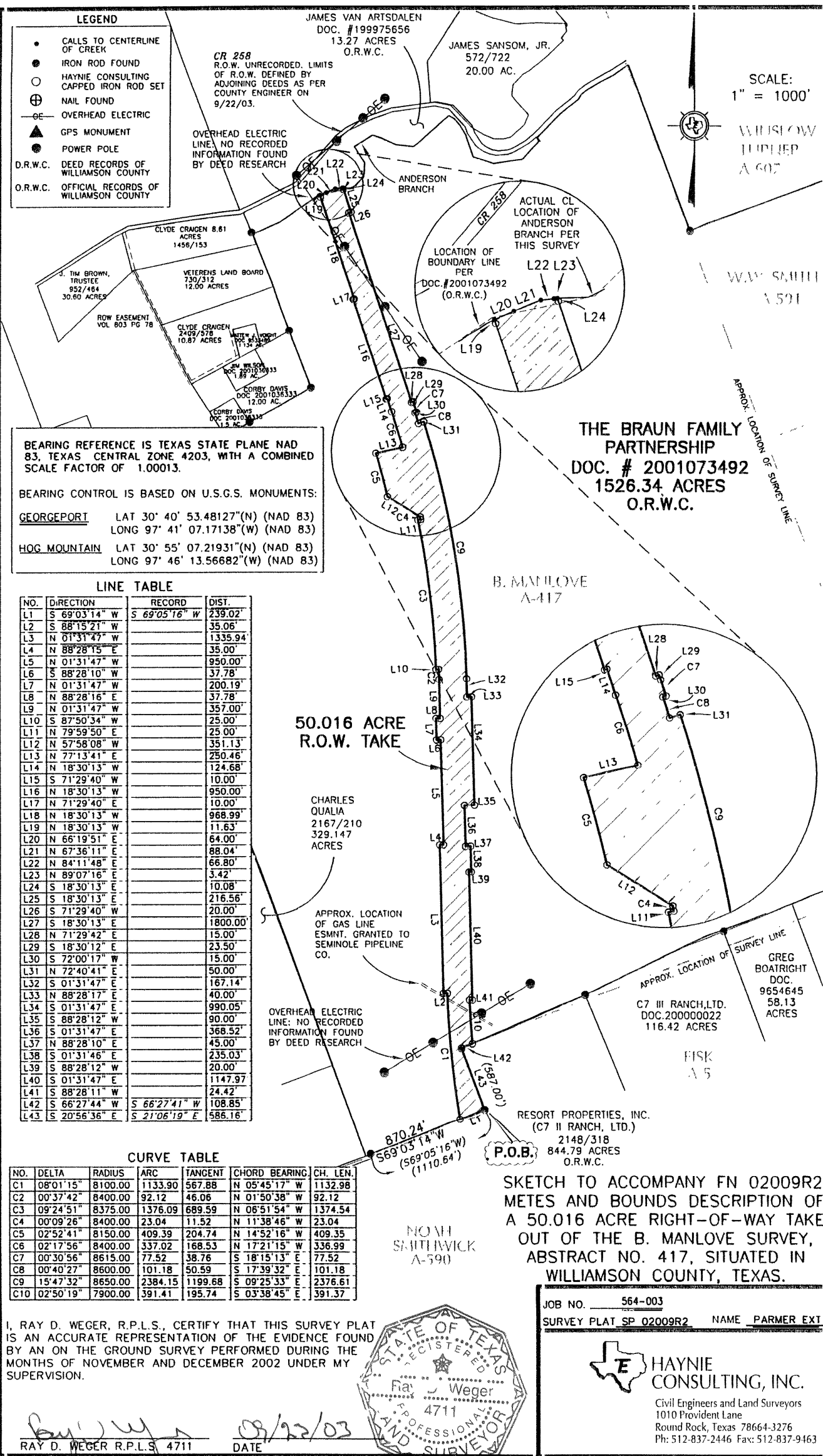
Ray D. Weger
RAY D. WEGER R.P.L.S. 4711

09/23/02
DATE



JOB NO. 564-003
SURVEY PLAT SP 02013R1 FILE SP02013(9-15-03)

HAYNIE CONSULTING, INC.
Civil Engineers and Land Surveyors
1010 Provident Lane
Round Rock, Texas 78664-3276
Ph: 512-837-2446 Fax: 512-837-9463



- LEGEND**
- CALLS TO CENTERLINE OF CREEK
 - IRON ROD FOUND
 - HAYNIE CONSULTING CAPPED IRON ROD SET
 - ⊕ NAIL FOUND
 - OE— OVERHEAD ELECTRIC
 - ▲ GPS MONUMENT
 - POWER POLE
 - D.R.W.C. DEED RECORDS OF WILLIAMSON COUNTY
 - O.R.W.C. OFFICIAL RECORDS OF WILLIAMSON COUNTY

BEARING REFERENCE IS TEXAS STATE PLANE NAD 83, TEXAS CENTRAL ZONE 4203, WITH A COMBINED SCALE FACTOR OF 1.00013.

BEARING CONTROL IS BASED ON U.S.G.S. MONUMENTS:

GEORGETOWN LAT 30° 40' 53.48127"(N) (NAD 83)
LONG 97° 41' 07.17138"(W) (NAD 83)

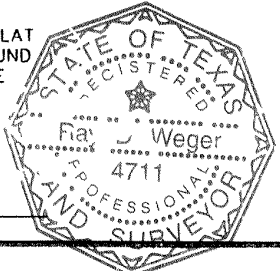
HOG MOUNTAIN LAT 30° 55' 07.21931"(N) (NAD 83)
LONG 97° 46' 13.56682"(W) (NAD 83)

LINE TABLE			
NO.	DIRECTION	RECORD	DIST.
L1	S 69°03'14" W	S 69°05'16" W	239.02'
L2	S 88°15'21" W		35.06'
L3	N 01°31'47" W		1335.94'
L4	N 88°28'15" E		35.00'
L5	N 01°31'47" W		950.00'
L6	S 88°28'10" W		37.78'
L7	N 01°31'47" W		200.19'
L8	N 88°28'16" E		37.78'
L9	N 01°31'47" W		357.00'
L10	S 87°50'34" W		25.00'
L11	N 79°59'50" E		25.00'
L12	N 57°58'08" W		351.13'
L13	N 77°13'41" E		250.46'
L14	N 18°30'13" W		124.68'
L15	S 71°29'40" W		10.00'
L16	N 18°30'13" W		950.00'
L17	N 71°29'40" E		10.00'
L18	N 18°30'13" W		968.99'
L19	N 18°30'13" W		11.63'
L20	N 66°19'51" E		64.00'
L21	N 67°36'11" E		88.04'
L22	N 84°11'48" E		66.80'
L23	N 89°07'16" E		3.42'
L24	S 18°30'13" E		10.08'
L25	S 18°30'13" E		216.56'
L26	S 71°29'40" W		20.00'
L27	S 18°30'13" E		1800.00'
L28	N 71°29'42" E		15.00'
L29	S 18°30'12" E		23.50'
L30	S 72°00'17" W		15.00'
L31	N 72°40'41" E		50.00'
L32	S 01°31'47" E		167.14'
L33	N 88°28'17" E		40.00'
L34	S 01°31'47" E		990.05'
L35	S 88°28'12" W		90.00'
L36	S 01°31'47" E		368.52'
L37	N 88°28'10" E		45.00'
L38	S 01°31'46" E		235.03'
L39	S 88°28'12" W		20.00'
L40	S 01°31'47" E		1147.97'
L41	S 88°28'11" W		24.42'
L42	S 66°27'44" W	S 66°27'41" W	108.85'
L43	S 20°56'36" E	S 21°06'19" E	586.16'

CURVE TABLE					
NO.	DELTA	RADIUS	ARC	TANGENT	CHORD BEARING
C1	08°01'15"	8100.00	1133.90	567.88	N 05°45'17" W
C2	00°37'42"	8400.00	92.12	46.06	N 01°50'38" W
C3	09°24'51"	8375.00	1376.09	689.59	N 06°51'54" W
C4	00°09'26"	8400.00	23.04	11.52	N 11°38'46" W
C5	02°52'41"	8150.00	409.39	204.74	N 14°52'16" W
C6	02°17'56"	8400.00	337.02	168.53	N 17°21'15" W
C7	00°30'56"	8615.00	77.52	38.76	S 18°15'13" E
C8	00°40'27"	8600.00	101.18	50.59	S 17°39'32" E
C9	15°47'32"	8650.00	2384.15	1199.68	S 09°25'33" E
C10	02°50'19"	7900.00	391.41	195.74	S 03°38'45" E

I, RAY D. WEGER, R.P.L.S., CERTIFY THAT THIS SURVEY PLAT IS AN ACCURATE REPRESENTATION OF THE EVIDENCE FOUND BY AN ON THE GROUND SURVEY PERFORMED DURING THE MONTHS OF NOVEMBER AND DECEMBER 2002 UNDER MY SUPERVISION.

RAY D. WEGER R.P.L.S. 4711 DATE 09/22/03

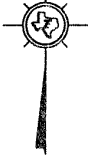


SKETCH TO ACCOMPANY FN 02009R2, METES AND BOUNDS DESCRIPTION OF A 50.016 ACRE RIGHT-OF-WAY TAKE OUT OF THE B. MANLOVE SURVEY, ABSTRACT NO. 417, SITUATED IN WILLIAMSON COUNTY, TEXAS.

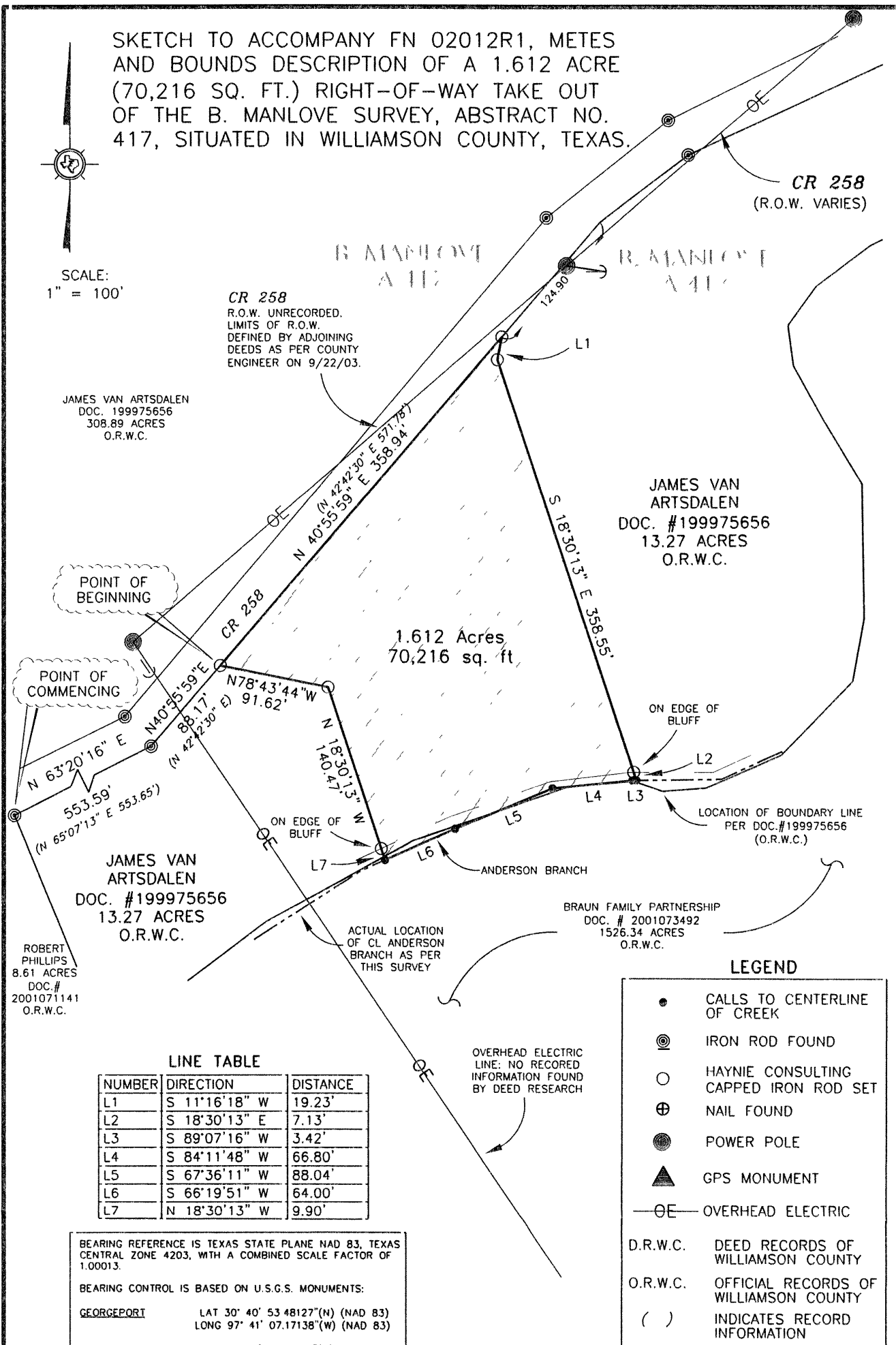
JOB NO. 564-003
SURVEY PLAT SP 02009R2 NAME PARMER EXT

HAYNIE CONSULTING, INC.
Civil Engineers and Land Surveyors
1010 Provident Lane
Round Rock, Texas 78664-3276
Ph: 512-837-2446 Fax: 512-837-9463

SKETCH TO ACCOMPANY FN 02012R1, METES AND BOUNDS DESCRIPTION OF A 1.612 ACRE (70,216 SQ. FT.) RIGHT-OF-WAY TAKE OUT OF THE B. MANLOVE SURVEY, ABSTRACT NO. 417, SITUATED IN WILLIAMSON COUNTY, TEXAS.



SCALE:
1" = 100'



LINE TABLE		
NUMBER	DIRECTION	DISTANCE
L1	S 11°16'18" W	19.23'
L2	S 18°30'13" E	7.13'
L3	S 89°07'16" W	3.42'
L4	S 84°11'48" W	66.80'
L5	S 67°36'11" W	88.04'
L6	S 66°19'51" W	64.00'
L7	N 18°30'13" W	9.90'

BEARING REFERENCE IS TEXAS STATE PLANE NAD 83, TEXAS CENTRAL ZONE 4203, WITH A COMBINED SCALE FACTOR OF 1.00013.

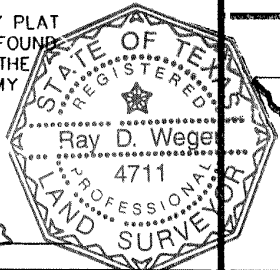
BEARING CONTROL IS BASED ON U.S.G.S. MONUMENTS:

GEORGEPORT LAT 30° 40' 53.48127"(N) (NAD 83)
LONG 97° 41' 07.17138"(W) (NAD 83)

HOG MOUNTAIN LAT 30° 55' 07.21931"(N) (NAD 83)
LONG 97° 46' 13.56682"(W) (NAD 83)

I, RAY D. WEGER, R.P.L.S., CERTIFY THAT THIS SURVEY PLAT IS AN ACCURATE REPRESENTATION OF THE EVIDENCE FOUND BY AN ON THE GROUND SURVEY PERFORMED DURING THE MONTHS OF NOVEMBER AND DECEMBER 2002 UNDER MY SUPERVISION.

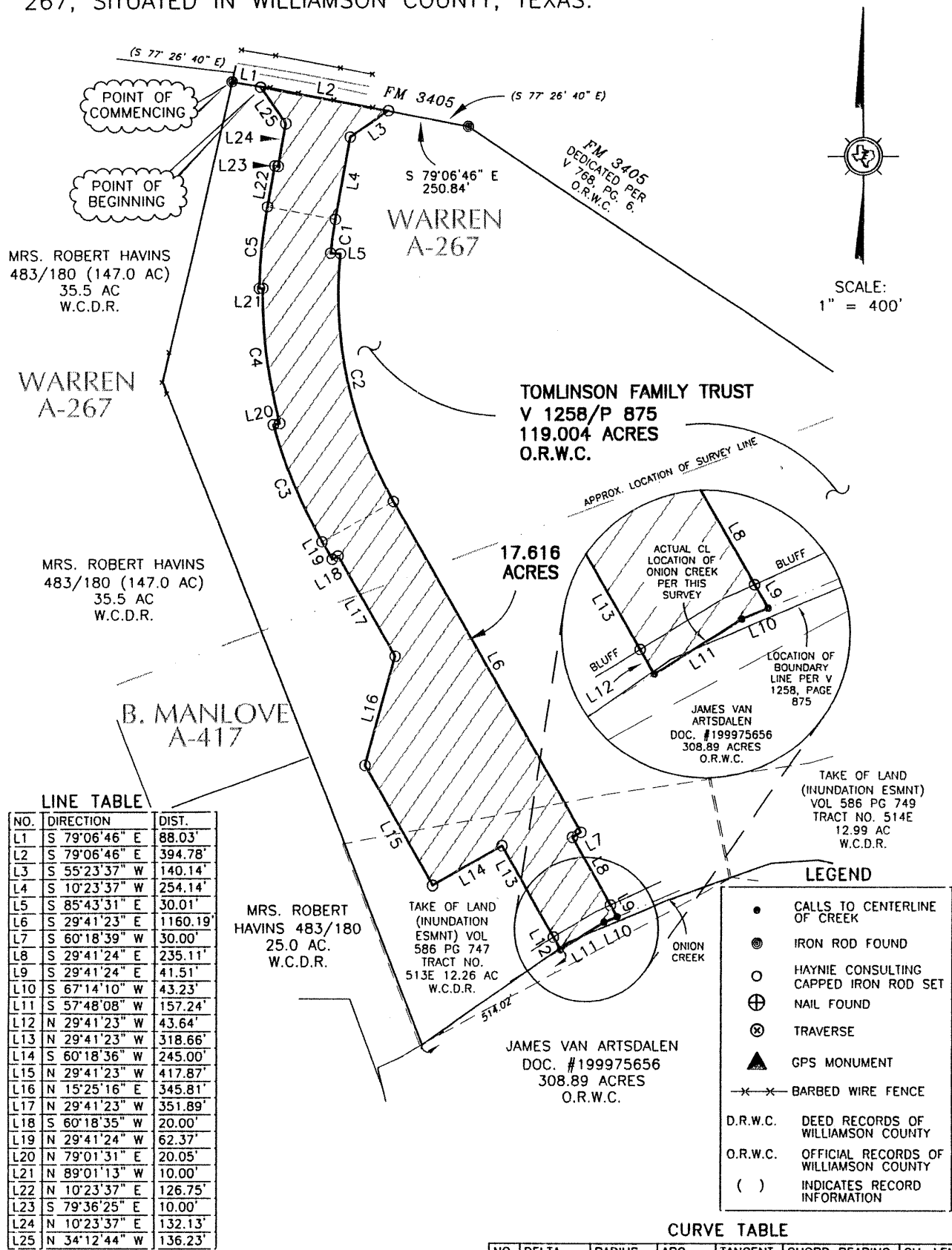
RAY D. WEGER R.P.L.S. 4711 DATE 09/23/03



JOB NO. 01-60
SURVEY PLAT SP 02012R1 FILE NAME SP02012R1

HAYNIE CONSULTING, INC.
Civil Engineers and Land Surveyors
1010 Provident Lane
Round Rock, Texas 78664-3276
Ph: 512-837-2446 Fax: 512-837-9463

SKETCH TO ACCOMPANY FN 02014R1, METES AND BOUNDS DESCRIPTION OF A 17.616 ACRE RIGHT-OF-WAY TAKE OUT OF THE B. MANLOVE SURVEY, ABSTRACT NO. 417, AND THE B. WARREN SURVEY, ABSTRACT NO. 267, SITUATED IN WILLIAMSON COUNTY, TEXAS.



BEARING REFERENCE IS TEXAS STATE PLANE NAD 83, TEXAS CENTRAL ZONE 4203, WITH A COMBINED SCALE FACTOR OF 1.00013.

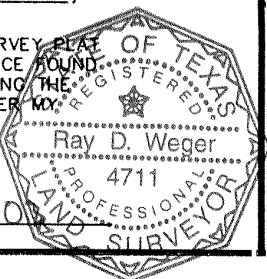
BEARING CONTROL IS BASED ON U.S.G.S. MONUMENTS:

GEORGETOWN LAT 30° 40' 53.48127"(N) (NAD 83)
LONG 97° 41' 07.17138"(W) (NAD 83)
HOG MOUNTAIN LAT 30° 55' 07.21931"(N) (NAD 83)
LONG 97° 46' 13.56682"(W) (NAD 83)

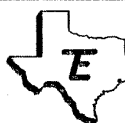
I, RAY D. WEGER, R.P.L.S., CERTIFY THAT THIS SURVEY IS AN ACCURATE REPRESENTATION OF THE EVIDENCE FOUND BY AN ON THE GROUND SURVEY PERFORMED DURING THE MONTHS OF NOVEMBER AND DECEMBER 2002 UNDER MY SUPERVISION.

RAY D. WEGER R.P.L.S. 4711

DATE



JOB NO. 564-003
SURVEY PLAT SP 02014R1 FILE NAME SP02014R1

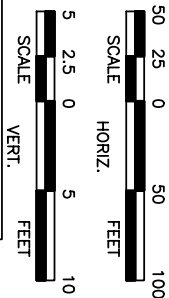
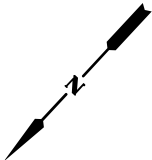


HAYNIE CONSULTING, INC.

Civil Engineers and Land Surveyors
1010 Provident Lane
Round Rock, Texas 78664-3276
Ph: 512-837-2446 Fax: 512-837-9463

Proposed

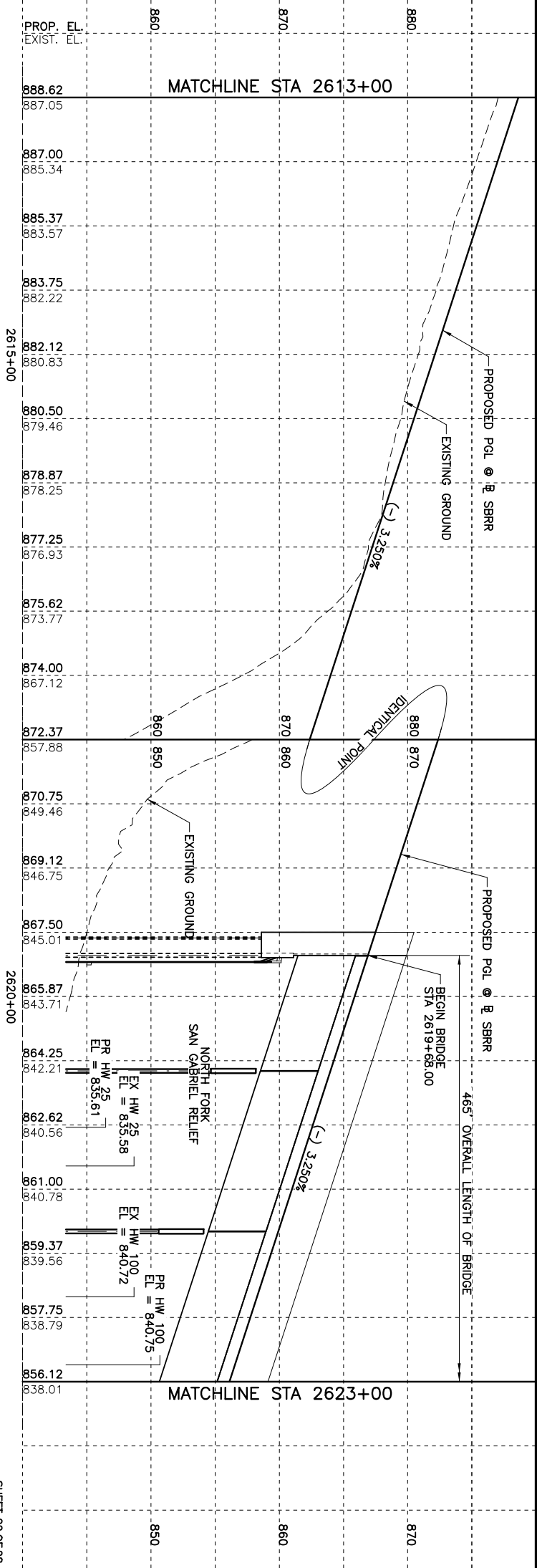
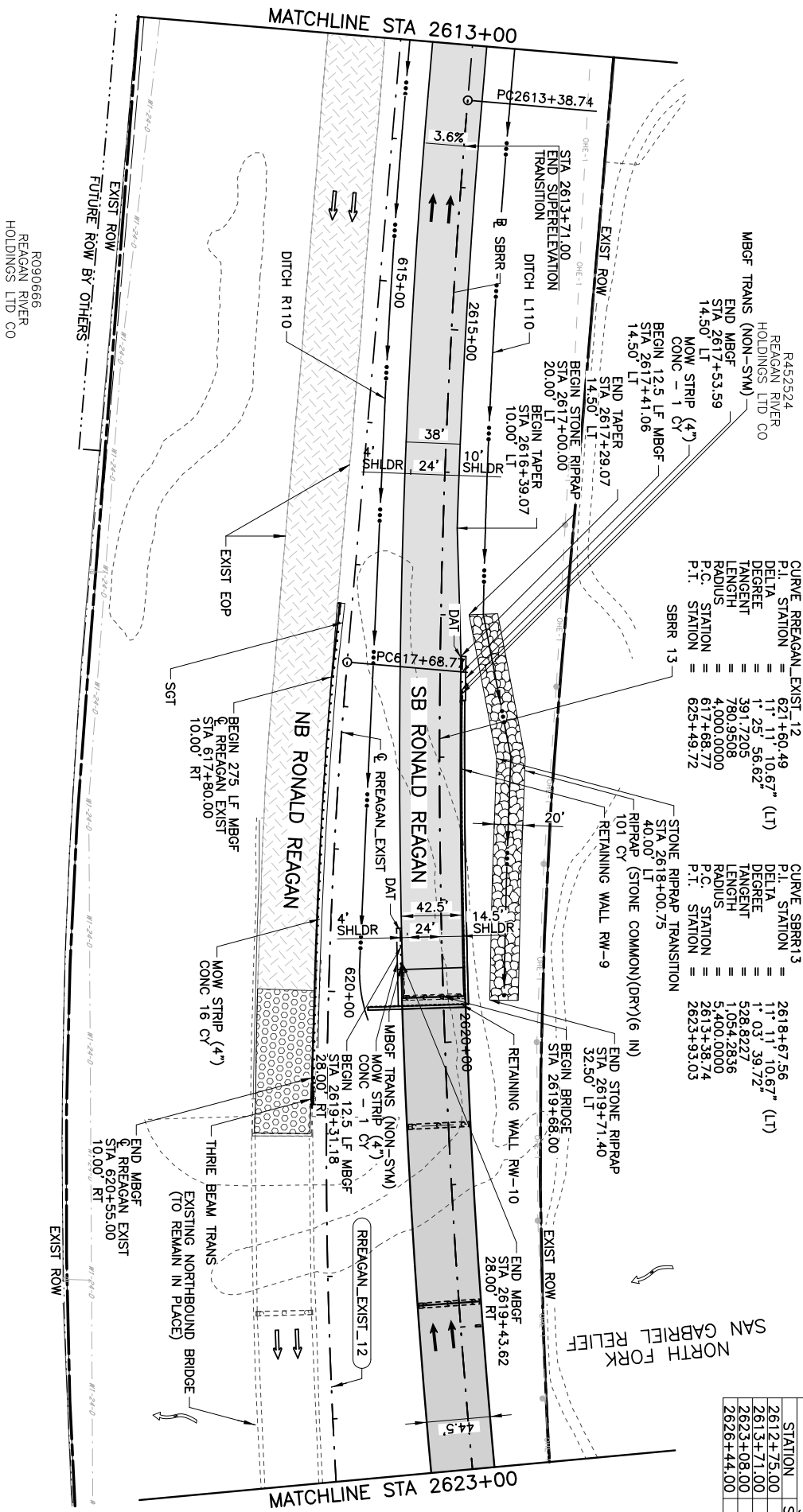
SUPERELEVATION TABLE	
STATION	COMMENTS
2612+75.00	2 BEGIN TRANSITION
2613+71.00	3.6 BEGIN FULL SUPERELEVATION
2653+08.00	3.6 END FULL SUPERELEVATION
2656+44.00	-2 END TRANSITION



- | LEGEND | |
|---|------------------------|
|  | PROPOSED PAVEMENT |
|  | PROPOSED BRIDGE |
|  | PROPOSED SIDEWALK |
|  | PROPOSED SURFACE LIFT |
|  | 2" OVERLAY & UNDERSEAL |
|  | 0" - 2" MILLING |
|  | W/2" OVERLAY |
|  | 0" - 2" EDGE MILLING |
|  | CONCRETE |
|  | STONE RIPRAP |
|  | PARCEL LINE |
|  | FUTURE BY OTHERS |

NOTES:

1. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT WHERE APPLICABLE.
2. ALL STATIONING BASED ON § SBRR UNLESS OTHERWISE NOTED.
3. EXISTING GROUND PROFILE IS AT § SBRR.
4. DRAINAGE LOCATIONS SHOWN ARE APPROXIMATE LOCATIONS. SEE FIELD NOTES FOR DRAINAGE CONSTRUCTION. SEE DRAINWAY AND SIDEWALK DETAILS SHEET FOR FURTHER INFORMATION.
5. SEE INTERSECTION LAYOUTS FOR MORE INFORMATION.





WILCO
TEXAS



CP&Y
an STV Company

RONALD REAGAN BLVD.

TEAS REGISTERED
ENGINEERING FIRM F-1741

ROADWAY PLAN & PROFILE

SB RONALD REAGAN

STA 2613+00.00 TO STA 2623+00.00

Design: ANK **DES. NO.:** STATE

Checked: ANK **X** **TEXAS**

Drawn: ANK **DIST.:** COUNTY

Checker: ANK **WILLIAMSON**

PROJECT NO.:

SECTION NO.:

JOB NO.:

SHEET NO.:

NO.

REVISION

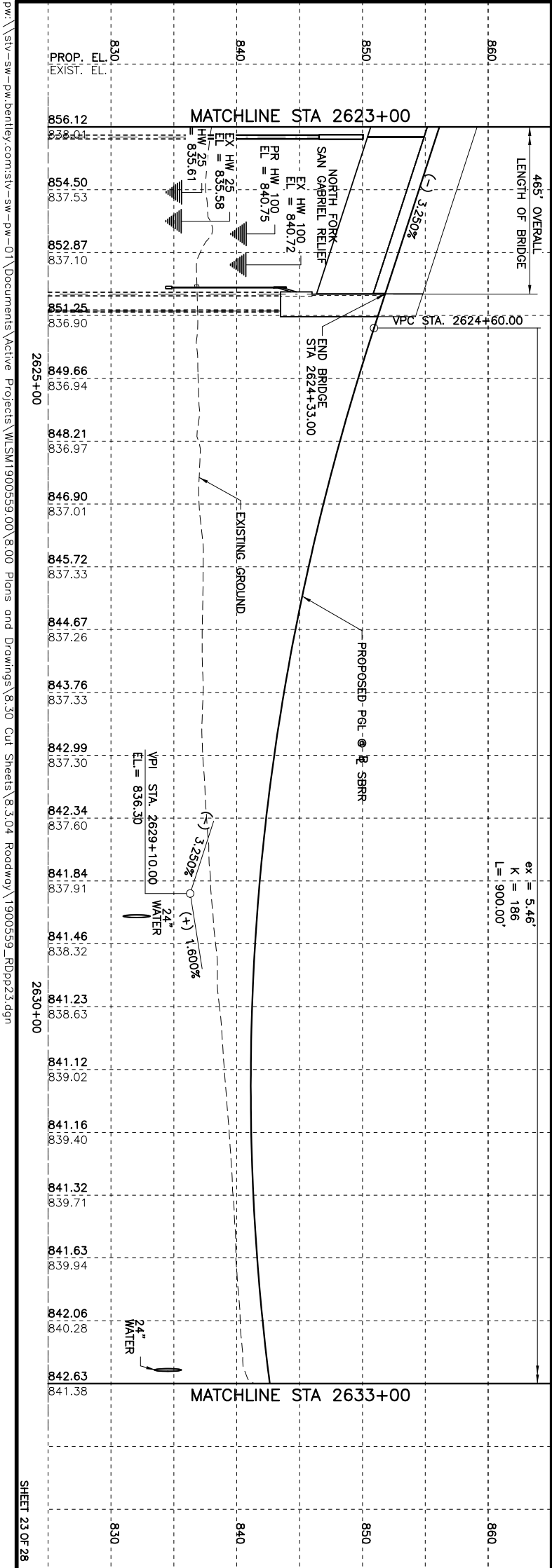
BY

DATE

03/29/2024

Andrea Klodinski





NO.

REVISION

BY

DATE

1

WILCO

TEXAS

CP&Y

an STV Company

TEXAS REGISTERED ENGINEERING FIRM F-1741

ROADWAY PLAN & PROFILE

SB RONALD REAGAN

STA 2623+00.00 TO STA 2633+00.00

Designed:	ANK	Rev. No.	1	State	TEXAS	Project No.		Sheet No.	
Checked:	ANK	Dist.	X	County	WILLIAMSON	Control Section No.		Job No.	
Drawn:	ANK	Dist.		Country	WILLIAMSON	Control Section No.		Job No.	
Created:	ANK	Dist.		Country	WILLIAMSON	Control Section No.		Job No.	163

LEGEND

PROPOSED PAVEMENT

PROPOSED BRIDGE

PROPOSED SIDEWALK

PROPOSED SURFACE LIFT

2" OVERLAY & UNDERSEAL

0" - 2" MILLING TRANSITION

W/2" OVERLAY

0" - 2" EDGE MILLING

CONCRETE

STONE RIPRAP

PARCEL LINE

FUTURE BY OTHERS

50 25 0 50 100

SCALE

HORIZ. FEET

5 2.5 0 5 10

SCALE

VERT. FEET

NOTES:

1. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT WHERE APPLICABLE.

2. ALL STATIONING BASED ON E SBRR UNLESS OTHERWISE NOTED.

3. EXISTING GROUND PROFILE IS AT E SBRR.

4. DRIVEWAY LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. SEE DRIVEWAY AND SIDEWALK DETAILS SHEET FOR FURTHER INFORMATION.

5. SEE INTERSECTION LAYOUTS FOR MORE INFORMATION.

CURVE: RREGAN_EX12

P.I. STATION = 621+60.49

DELTA = 11° 11' 10.67" (LT)

DEGREE = 1° 25' 56.62"

TANGENT = 391.7205

LENGTH = 780.9508

RADIUS = 4,000.0000

P.C. STATION = 617+68.77

P.T. STATION = 625+49.72

CURVE: SBRR13

P.I. STATION = 2618+67.56

DELTA = 1° 03' 39.72" (LT)

DEGREE = 528.8227

TANGENT = 1,054.2836

LENGTH = 5,400.0000

RADIUS = 2613+38.74

P.C. STATION = 2623+93.03

P.T. STATION = 2623+93.03

SUPERELEVATION TABLE			
STATION	SLOPE	COMMENTS	
2612+75.00	2	BEGIN TRANSITION	
2613+71.00	3.6	BEGIN FULL SUPERELEVATION	
2623+08.00	3.6	END FULL SUPERELEVATION	
2626+44.00	-2	END TRANSITION	

NOTES:

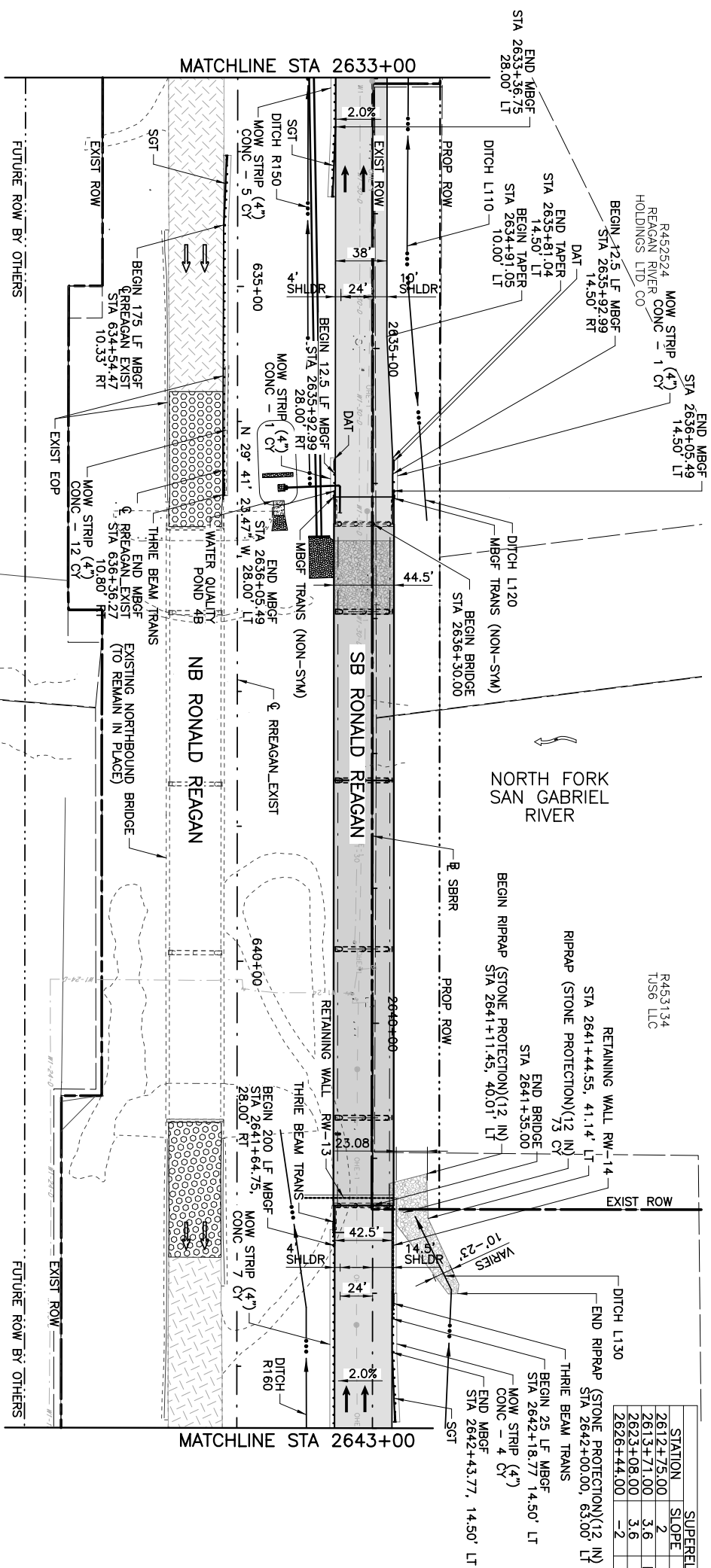
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT WHERE APPLICABLE.
- ALL STATIONING BASED ON E SBRR UNLESS OTHERWISE NOTED.
- EXISTING GROUND PROFILE IS AT E SBRR.
- DRIVEWAY LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. SEE DRIVEWAY AND SIDEWALK DETAILS SHEET FOR FURTHER INFORMATION.
- SEE INTERSECTION LAYOUTS FOR MORE INFORMATION.

03/29/2024

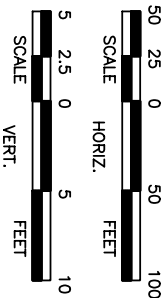
EXHIBIT D1

2 of 8

Proposed

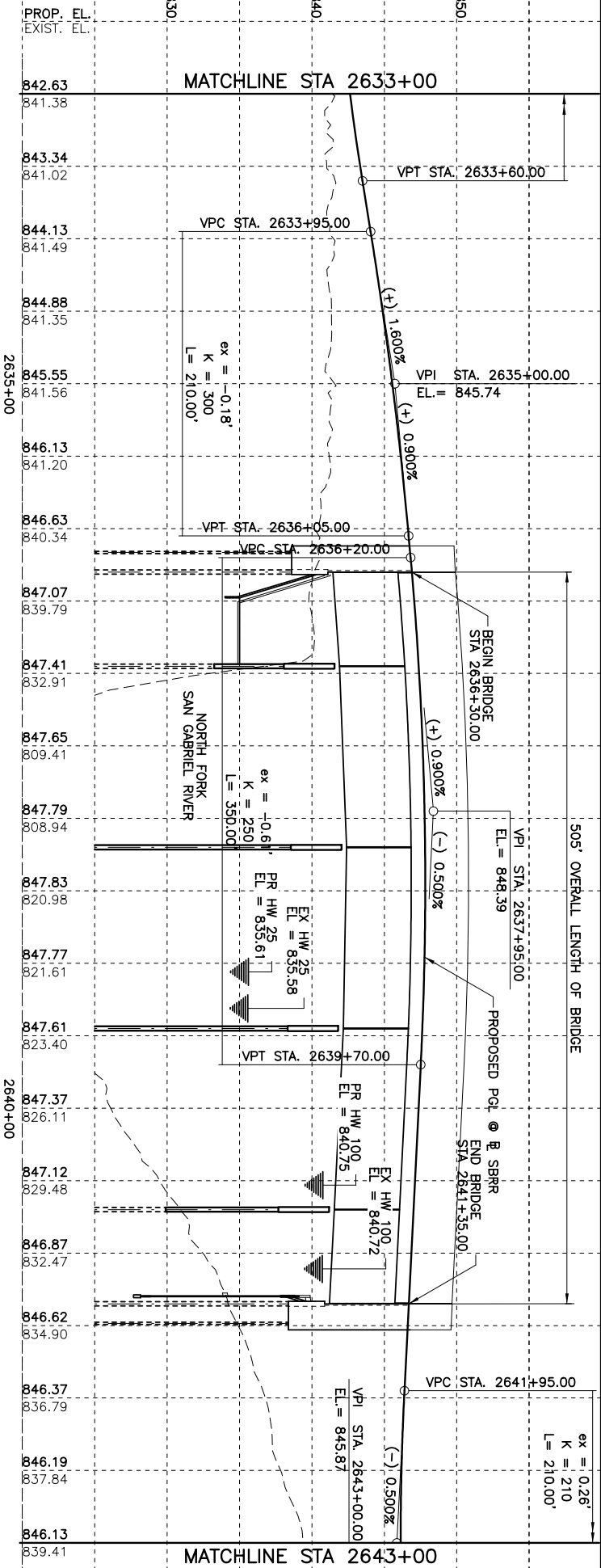


SUPERELEVATION TABLE		
STATION	SLOPE	COMMENTS
2612+75.00	2	BEGIN TRANSITION
2613+71.00	3.6	BEGIN FULL SUPERELEVATION
2623+08.00	3.6	END FULL SUPERELEVATION
2628+44.00	-2	END TRANSITION



LEGEND	
[Pattern]	PROPOSED PAVEMENT
[Pattern]	PROPOSED BRIDGE
[Pattern]	PROPOSED SIDEWALK
[Pattern]	PROPOSED SURFACE LIFT
[Pattern]	2" OVERLAY & UNDERSEAL
[Pattern]	0" - 2" MILLING TRANSITION
[Pattern]	W/2" OVERLAY
[Pattern]	0" - 2" EDGE MILLING
[Pattern]	CONCRETE
[Pattern]	STONE RIPRAP
[Pattern]	PARCEL LINE
[Pattern]	FUTURE BY OTHERS

- NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT WHERE APPLICABLE.
 - ALL STATIONING BASED ON E SBRR UNLESS OTHERWISE NOTED.
 - EXISTING GROUND PROFILE IS AT E SBRR.
 - DRIVEWAY LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. SEE DRIVEWAY AND SIDEWALK DETAILS SHEET FOR FURTHER INFORMATION.
 - SEE INTERSECTION LAYOUTS FOR MORE INFORMATION.



RONALD REAGAN BLVD.

ROADWAY PLAN & PROFILE

SB RONALD REAGAN

STA 2633+00.00 TO STA 2643+00.00

Designed:	ANK	REV. NO.	STATE	PROJECT NO.	DATE
Checked:	ANK	X	TEXAS		
Drawn:	ANK	DIST.	COUNTY	CORREL. SECTION	NO. OF SHEET
Created:	ANK		WILLIAMSON		164



05/09/2024

NO.	REVISION	BY	DATE

cpybw_ANSIB.tbl

cpypdf_ANSIB.pltcf

pw:\stvw-sw-pw.bentley.com:stvw-sw-pw-01\Documents\Active Projects\WLSM1900559.00\8.00 Plans and Drawings\8.30 Cut Sheets\8.3.04 Roadway\1900559_RDpp2

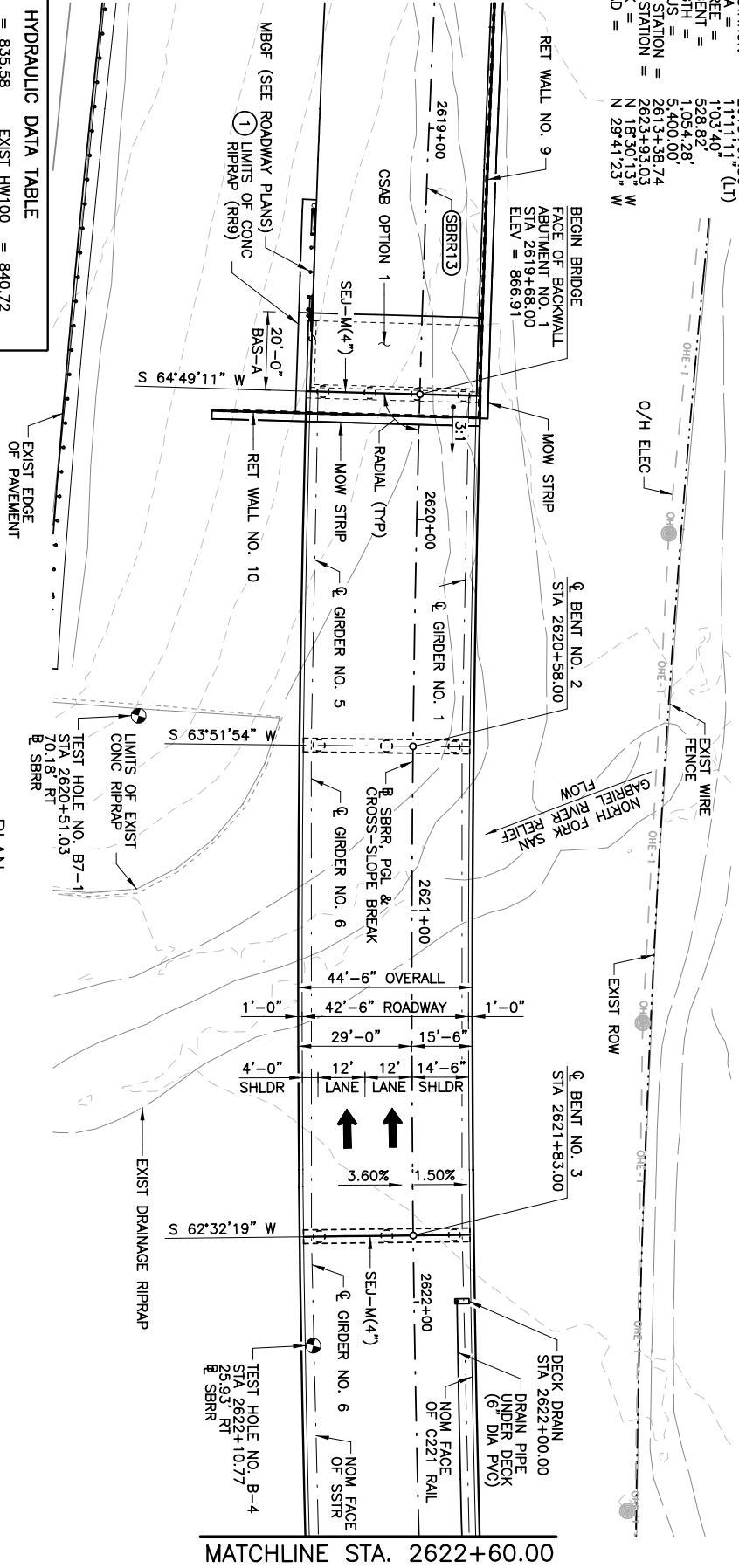
5/9/2024 2:43:46 PM KlocinAN

pw:\stvw-sw-pw.bentley.com:stvw-sw-pw-01\Documents\Active Projects\WLSM1900559.00\8.00 Plans and Drawings\8.30 Cut Sheets\8.3.04 Roadway\1900559_RDpp2.dgn

Proposed

HORIZONTAL CURVE DATA

(SBRR13)
P.I. STATION = 2618+67.56
DELTA = 111°11' (LT)
DEGREE = 1°03'40"
TANGENT = 528.82'
LENGTH = 1,054.28'
RADIUS = 5,400.00'
P.C. STATION = 2613+38.74
P.T. STATION = 2623+93.03
BACK = N 18°30'13" W
AHEAD = N 29°41'23" W



HYDRAULIC DATA TABLE

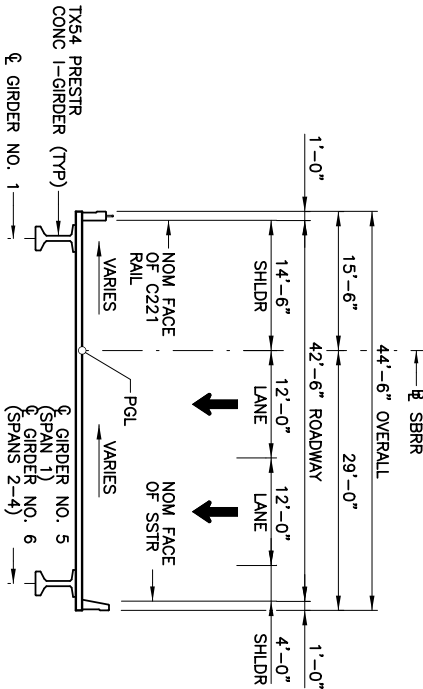
EXIST HW25	= 835.58	EXIST HW100	= 840.72
EXIST Q25	= 71.089 cfs	EXIST Q100	= 53.384 cfs
EXIST V25	= 7.06 ft/s	EXIST V100	= 8.05 ft/s
PROP HW25	= 835.61	PROP HW100	= 840.75
PROP Q25	= 31.089 cfs	PROP Q100	= 53.384 cfs
PROP V25	= 7.06 ft/s	PROP V100	= 7.98 ft/s

LOW CHORD ELEV = 846.31

1 EXTEND CONCRETE RIPRAP 2'-0" FROM FACE OF WINGWALL

PROP NBI NO.: 14-246-AA99-53-015
FUNCTIONAL CLASSIFICATION: FREEWAY/ARTERIAL
DESIGN SPEED: 70 MPH
ADT (2017) : 15,500
ADT (2043) : 39,800

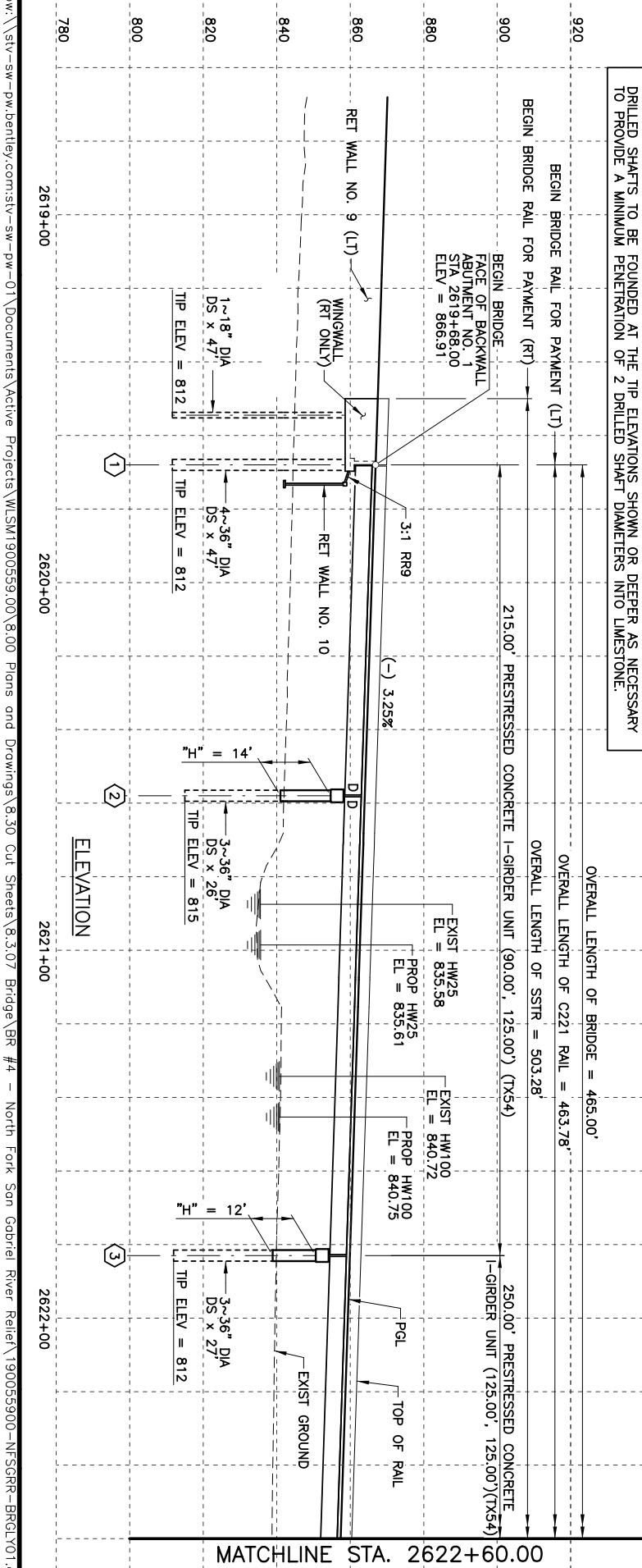
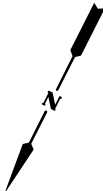
TYPICAL TRANSVERSE SECTION



HL93 LOADING

GENERAL NOTES:

- DESIGNED ACCORDING TO 2020 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION (HL93 LOADING).
- "D" DENOTES SLOTTED HOLE AT GIRDER ENDS. SEE BENT DETAILS FOR LOCATIONS OF DOWELS D.
- THE "H" VALUE SHOWN ARE ESTIMATED COLUMN HEIGHT. CONTRACTOR IS RESPONSIBLE FOR CALCULATING ACTUAL COLUMN HEIGHTS BASED ON FIELD CONDITIONS.
- SEE BRIDGE BORING LOG SHEET FOR GEOTECHNICAL INFORMATION.
- USE OPTION 1 FOR CONFIGURATION OF CSAB BEHIND ABUTMENTS. SEE CSAB STANDARD FOR DETAILS.



WILCO

CP&Y

all STV Company

TEXAS REGISTERED ENGINEERING FIRM F-1741

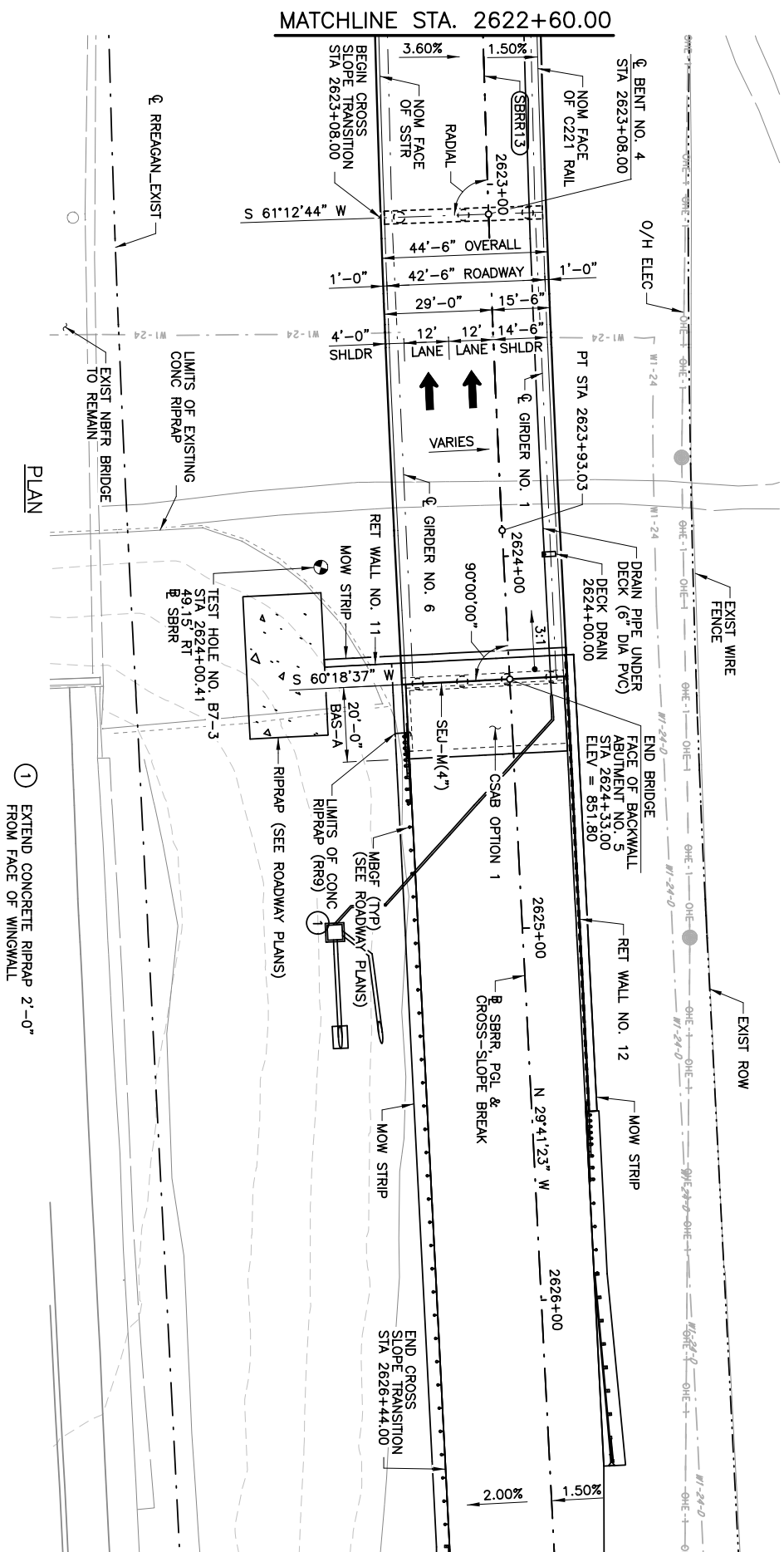
RONALD REAGAN BLVD.

BRIDGE LAYOUT

NORTH FORK SAN GABRIEL RIVER RELIEF BRIDGE

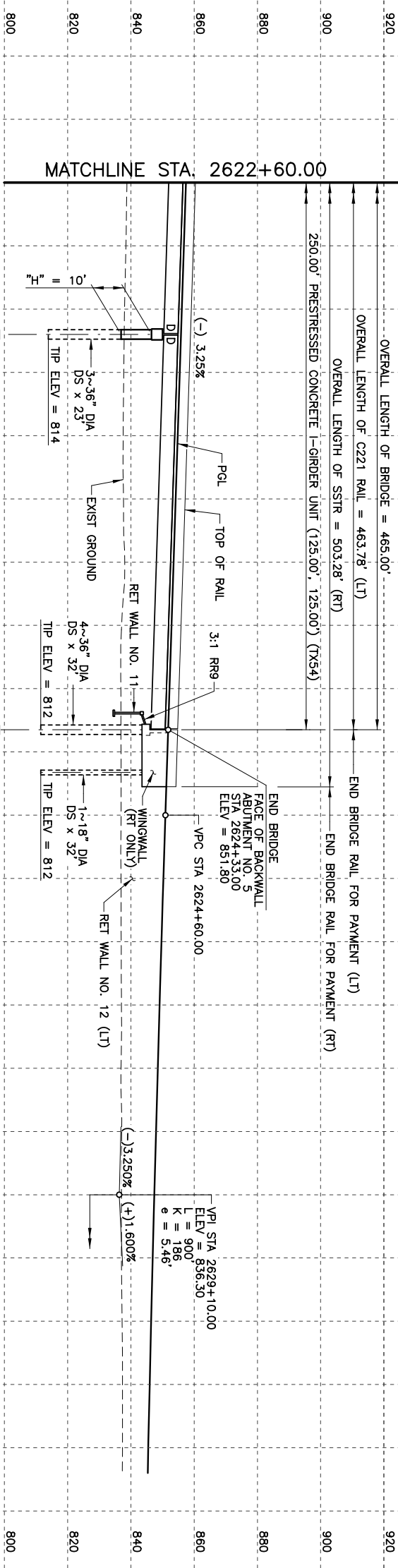
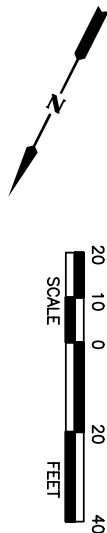
Designed:	AA	Rev. No.:		Project No.:		Sheet No.:	
Checked:	JAS	X	TEXAS				
Drawn:	ANK	DIST.	COUNTRY	CONTROL SECTION	NO.	NO.	
Created:	TWS		WILLIAMSON				411

Proposed



1 EXTEND CONCRETE RIPRAP 2'-0"
FROM FACE OF WINGWALL

HL93 LOADING



NO.	REVISION	BY	DATE



03/28/2024

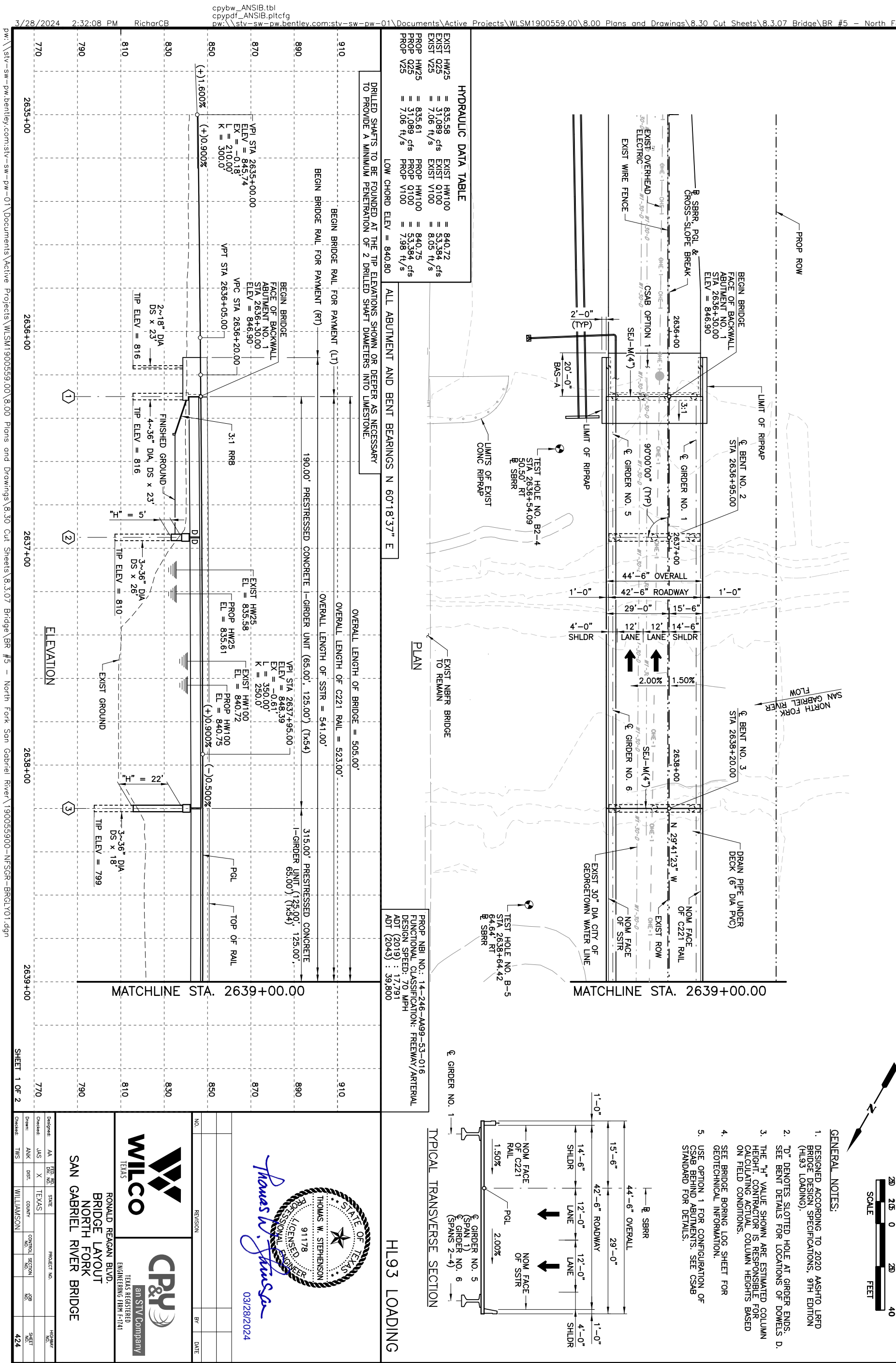


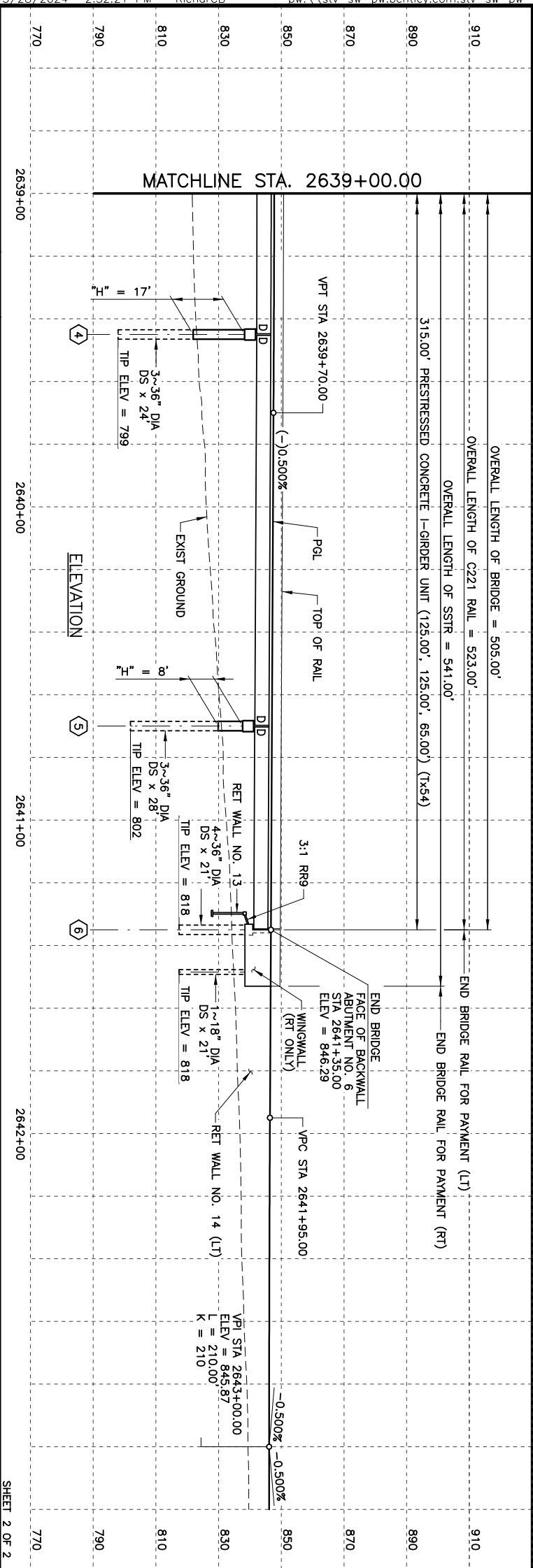
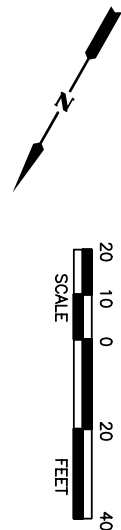
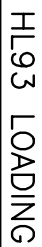
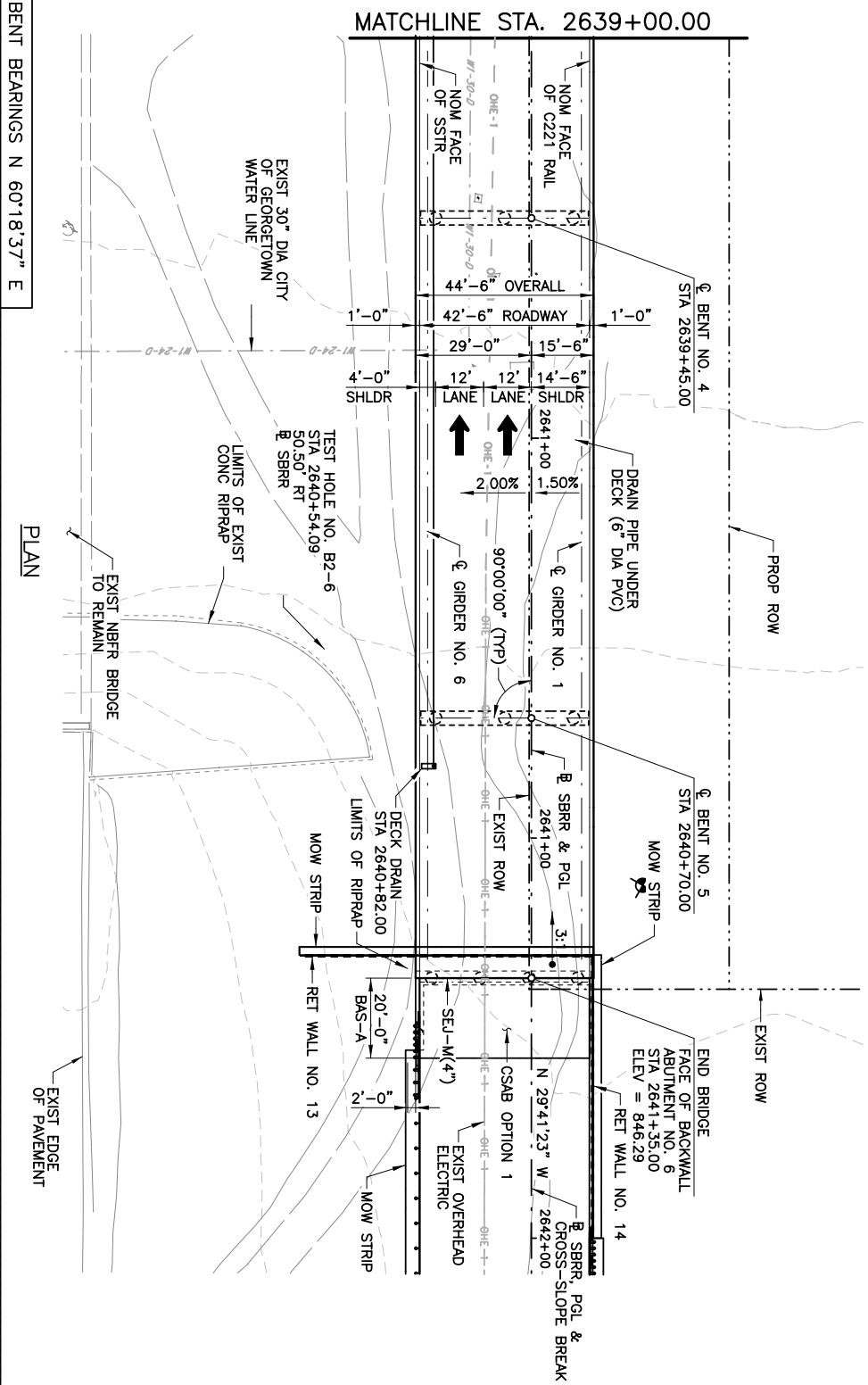
ENGINEERING FIRM F-174

RONALD REAGAN BLVD.
BRIDGE LAYOUT
NORTH FORK SAN GABRIEL
RIVER RELIEF BRIDGE

Designed:	AA	FED. NO. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
Checked:	JAS	X	TEXAS		
Drawing:	AUK	DIST.	COUNTY	CONTROL NO.	SECTION NO.
Checked:	TWS		WILLIAMSON		JOB NO.
					SHEET NO.
					412

Proposed





NO.	REVISION	BY	DATE



James V. James
03/28/

03/28/2024

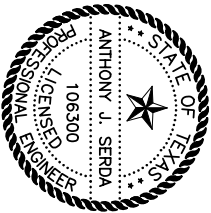


**TEXAS REGISTERED
ENGINEERING FIRM F-1741**

TEXAS REGISTERED
ENGINEERING FIRM F-174

RONALD REAGAN BLVD.
BRIDGE LAYOUT
NORTH FORK
SAN GABRIEL RIVER BRIDGE

Designed:	AA	FED. RD. DIV. NO.	STATE	PROJECT NO.	PRIORITY NO.
Checked:	JAS	X	TEXAS		
Drawn:	AAK	DIST.	COUNTY	CONTROL NO.	SECTION NO.
Checked:	TWS		WILLIAMSON		JOB NO.
					SHEET NO.
					425



NO.		REVISION		BY	DATE



RONALD REAGAN BLVD.

FLOWAGE EASEMENT
MITIGATION GRADING PLAN

Designed:	CPY	TSB	NO.	STATE	PROJECT NO.	HIGHWAY NO.
Checked:	CPY	X		TEXAS		
Drawn:	CPY		DIST.	COUNTY	CONTROL SECTION NO.	SHEET NO.
Created:	CPY			WILLIAMSON		275



Ronald Reagan Improvement Project

Cut and Fill Calculations Summary Report

Proposed fill impacts: **-8241 CY**

These materials (bridge piers, riprap, retaining walls, and earth) are being added between the bridges, at the bridge approaches, and from the proposed riprap-lined ditch for the Ronald Reagan roadway crossing the North Fork San Gabriel River. Negative number represents a loss in floodplain storage due to proposed fill compared to existing conditions. Major proposed fill elements detailed in table below.

Proposed Element	Floodplain Volume Differential	Station Limits
Bridge Piers Fill (estimate)	-207 CY	Main Bridge 2637+80 to 2641+00
Riprap	-99 CY	2641+11 to 2642+00
Retaining Walls	-19 CY	2641+30 to 2642+00
Embankment	-2815 CY	Full Xsection 2641+30 to 2642+00
Embankment	-5101 CY	See Consent Letter
Total Project Fill Impacts	-8241 CY	

Compensatory cut: **9980 CY**

These materials (earth) are being removed from the proposed ditch grading along Ronald Reagan and grading designated in the ROW "bubble-out" near Station 2542+00 in the northwest corner of Ronald Reagan and the North Fork San Gabriel River. Earthwork excavation within flowage easement since adoption. The positive number represents an increase in floodplain storage.

Proposed Element	Floodplain Volume Differential	Station Limits
Embankment Cut	464 CY	Full Xsection 2641+30 to 2642+00
Embankment Cut	1875 CY	Excavation/Cut per Grading Plan
Embankment Cut	7641 CY	See Consent Letter
Total Project Cut Impacts	9980 CY	

Excavation/Fill Calculations



13809 Research Blvd., Suite 300
Austin, TX 78750
o. 512.349.0700 | f. 512.349.0727
stvinc.com

Net change in floodplain storage: 1739 CY

The net increase in floodplain storage indicates the required mitigation for proposed flowage easement impact has been provided.

	Floodplain Volume Differential	
Total Project Fill Impacts	-8241 CY	
Total Project Cut Impacts	9980 CY	
Total Net Change	1739 CY	

All proposed grading shall take place within the limits of the flowage easement consent area.