Texas Department of Transportation

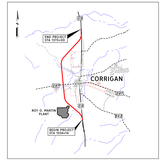
STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
US 59
POLK COUNTY

PROJECT LIMITS: FM 92 & UP PR 92 TO 1 MI N OF US 287
SUMMA CREEK OF PROJECT: 0.7 MI N OF

CSJ 0170-04-058 & CSJ 0170-05-164 POLK COUNTY
CHERI M. O'BRIEN, P.E. DISTRICT ENGINEER

SHEET 1 OF 9

95% SUBMITTAL

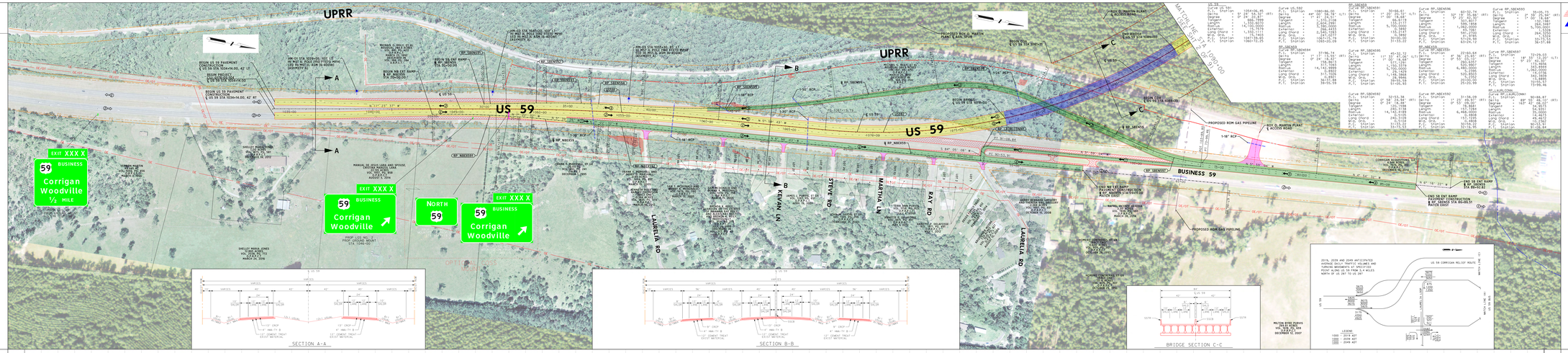


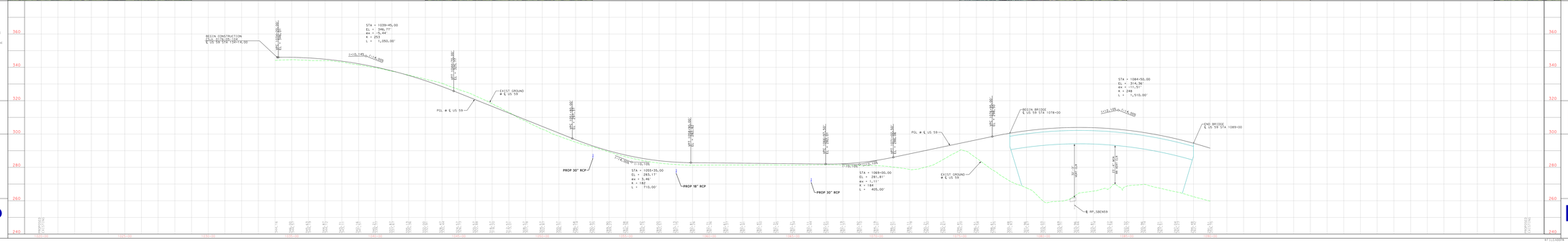
VICINITY MAP

US 59 TRAFFIC VOLUMES
EXISTING: (2016 ADT) 11,650
PROJECTED (2039 ADT) 14,500

FUNCTIONAL CLASSIFICATION: RURAL FREWAY

DESIGN SPEED
MAINLINES = 70 MPH
RAMPS = 50 MPH





LEGEND

- EXISTING ROW
- PROPOSED ROW
- PROPOSED C.O.S.A.
- EXISTING PROPERTY LINE
- EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING OVERHEAD ELECTRIC AND OVERHEAD TELEPHONE
- EXISTING FIBER OPTICS UNDERGROUND
- EXISTING GAS LINE
- PROPOSED WASTEWATER LINE (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED MAINLINES
- PROPOSED CONNECTORS, RAMPS & CROSS STREETS
- PROPOSED DRIVEWAY
- PAVEMENT TO BE REMOVED
- FLOODPLAIN
- WETLANDS
- NUMBER OF LANES

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY: THOMAS C. RUTKENDALL, JR., P.E. #86302

DATE: 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR REGISTRATION

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp

VICTORIA OFFICE
307 E. MESQUITE, STE. 1
VICTORIA, TEXAS 77901
PH: 361-573-0846 FAX: 361-576-7661

REGISTRATION
TBPE FIRM F-10928
TBPLS FIRM 10194

HOUSTON OFFICE
1200 CYPRESS STREET, STE. 105
HOUSTON, TEXAS 77003
PH: 713-225-8100 FAX: 713-225-8101

TBPELS REGISTRATION PILLAR#001 - 1143-00

DATE: 11/16/2017
FILE: C:\Users\thomas.rutkendall\AECOM\CONNECT - WSP\Projects\Corrigan Woodville Relief Route\Design\Roadway\Sheets\Plan Sheets\Plan Sheet.dgn
DGN: 11/16/2017 10:44:00 AM

Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
US 59
POLK COUNTY

PROJECT LIMITS: FM 92 & UP PR 92 TO 1 MI N OF US 287
SUMMA CREEK OF PROJECT: 0.7 MI N OF

CSJ 0170-04-058 & CSJ 0170-05-164 POLK COUNTY
CHERI M. O'BRIEN, P.E. DISTRICT ENGINEER

SHEET 1 OF 9

95% SUBMITTAL

VICINITY MAP

US 59 TRAFFIC VOLUMES
EXISTING: (2016 ADT) 11,650
PROJECTED (2039 ADT) 14,500

FUNCTIONAL CLASSIFICATION: RURAL FREWAY

DESIGN SPEED
MAINLINES = 70 MPH
RAMPS = 50 MPH

LEGEND

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY: THOMAS C. RUTKENDALL, JR., P.E. #86302

DATE: 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR REGISTRATION

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp

95% SUBMITTAL

SHEET 2 OF 9

Texas Department of Transportation

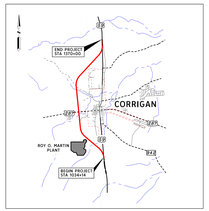
STATE OF TEXAS

PRELIMINARY DESIGN SCHEMATIC
US 59

POLK COUNTY

PROJECT LIMITS: 3.0 MI S OF US 287 TO 3.4 MI N OF US 287
APPROX LENGTH OF PROJECT: 33,586 FT = 6.4 MI

CSJ 0278-04-058 & CSJ 0278-05-158 (POLK COUNTY)
CHERYL P. FLOOD, P.E. DISTRICT ENGINEER



VICINITY MAP

0 100' 200'
HORIZ SCALE

0 10' 20'
VERT SCALE

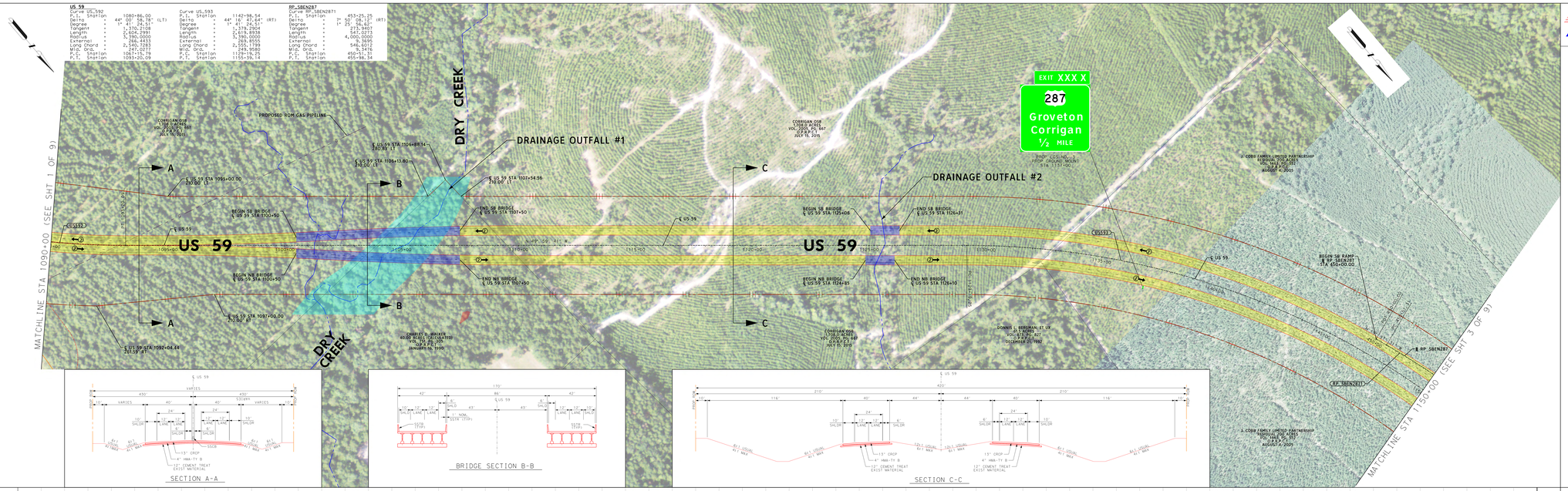
US 59 TRAFFIC VOLUMES
EXISTING (2019 ADT): 11,650
PROJECTED (2039 ADT): 16,000

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

US 59			
Curve US-592		Curve US-593	
P.I. Station	1080+86.00	P.I. Station	1142+98.54
Delta	44° 07' 56.78" (LT)	Delta	44° 16' 41.64" (RT)
Degree	1° 50' 08.73"	Degree	1° 50' 08.73"
Tangent	1,370.74	Tangent	1,379.04
Length	2,604.2991	Length	2,619.8938
Radius	3,390.0000	Radius	3,390.0000
External	346.1283	External	351.6895
MID Chord	2,539.1253	MID Chord	2,555.7799
MID Ord.	247.0273	MID Ord.	249.9580
P.C. Station	1067+15.79	P.C. Station	1129+19.25
P.T. Station	1093+20.09	P.T. Station	1155+39.14

RP-SBENZ87	
Curve RP-SBENZ87(RT)	
P.I. Station	453+25.25
Delta	7° 50' 08.12" (RT)
Degree	1° 50' 08.73"
Tangent	273.9401
Length	547.0273
Radius	4,000.0000
External	9.3895
MID Chord	546.8279
MID Ord.	9.5476
P.C. Station	450+51.31
P.T. Station	455+98.34



LEGEND

- EXISTING ROW
- PROPOSED ROW
- PROPOSED C.G.A.
- EXISTING PROPERTY LINE
- OT — EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
- OE — EXISTING OVERHEAD ELECTRIC
- OE/OT — EXISTING OVERHEAD ELECTRIC AND OVERHEAD TELEPHONE
- FO — EXISTING FIBER OPTICS (UNDERGROUND)
- G — EXISTING GAS LINE
- WW — PROPOSED WASTEWATER LINE (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED MAINLANES
- PROPOSED CONNECTORS, RAMPS & CROSS STREETS
- PROPOSED DRIVEWAY
- PAVEMENT TO BE REMOVED
- FLOODPLAIN
- WETLANDS
- NUMBER OF LANES

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. KUYKENDALL, JR. P.E. #86302

DATE 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

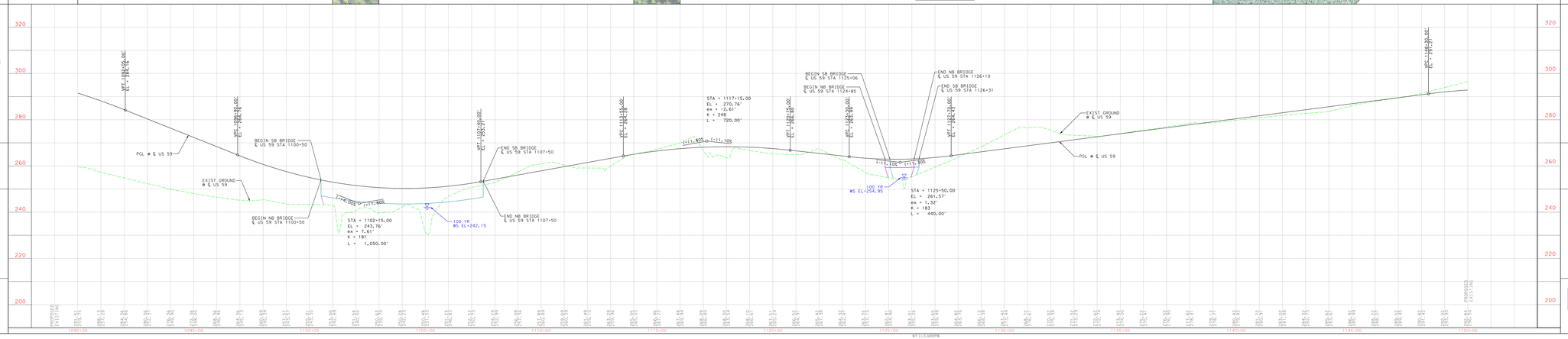
SUBMITTAL DATE: NOVEMBER 2017

CivilCorp

VICTORIA OFFICE
1501 E. MOCKINGBIRD LN., SUITE 406
VICTORIA, TX 77904
PH:(361) 573-7900 - FX:(361) 576-7901

HOUSTON OFFICE
24275 TH FREE, SUITE 19
SPRING, TX 77373
PH:(832) 252-8100 - FX:(832) 252-8103

FIRM REGISTRATION NUMBER - 10283



95% SUBMITTAL

SHEET 2 OF 9

Texas Department of Transportation

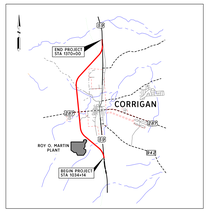
STATE OF TEXAS

PRELIMINARY DESIGN SCHEMATIC
US 59

POLK COUNTY

PROJECT LIMITS: 3.0 MI S OF US 287 TO 3.4 MI N OF US 287
APPROX LENGTH OF PROJECT: 33,586 FT = 6.4 MI

CSJ 0278-04-058 & CSJ 0278-05-158 (POLK COUNTY)
CHERYL P. FLOOD, P.E. DISTRICT ENGINEER



VICINITY MAP

0 100' 200'
HORIZ SCALE

0 10' 20'
VERT SCALE

US 59 TRAFFIC VOLUMES
EXISTING (2019 ADT): 11,650
PROJECTED (2039 ADT): 16,000

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. KUYKENDALL, JR. P.E. #86302

DATE 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp

VICTORIA OFFICE
1501 E. MOCKINGBIRD LN., SUITE 406
VICTORIA, TX 77904
PH:(361) 573-7900 - FX:(361) 576-7901

HOUSTON OFFICE
24275 TH FREE, SUITE 19
SPRING, TX 77373
PH:(832) 252-8100 - FX:(832) 252-8103

FIRM REGISTRATION NUMBER - 10283

Texas Department of Transportation

95% SUBMITTAL

SHEET 3 OF 9

STATE OF TEXAS

PRELIMINARY PLAN SUBMITTAL

US 59

POLK COUNTY

PROJECT LIMITS: S.H. 87 AT FM 1276 (TO S.H. 87 AT FM 287)
CSJ: 0170-00-000 & 0170-00-034 (POLK COUNTY)
CNSTRN: F.Y. 2020; F.Y. 2021 (DISTRICT CONTROL)

VICINITY MAP

US 59 TRAFFIC VOLUMES
EXISTING (2018 ADT): 11,600
PROJECTED (2038 ADT): 14,500

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND

- EXISTING ROW
- PROPOSED ROW
- PROPOSED C.L.R.R.
- EXISTING PROPERTY LINE
- EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING OVERHEAD ELECTRIC AND OVERHEAD TELEPHONE
- EXISTING FIBER OPTICS (UNDERGROUND)
- EXISTING GAS LINE
- PROPOSED WATERWATER LINE (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED MAINLANES
- PROPOSED CONNECTORS, RAMPS & CROSS STREETS
- PROPOSED DRIVEWAY
- PAVEMENT TO BE REMOVED
- FLOODPLAIN
- WETLANDS
- NUMBER OF LANES

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY: THOMAS L. RUTHERFORD, JR., P.E. 106332

DATE: 11/10/2017

NOT FOR CONSTRUCTION, BIDDING OR PURCHASING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp

DISTRICT OFFICE
2617 W. BARTON SKELLY DR.
BRYAN, TEXAS 77808
(979) 776-9279 FAX (979) 776-9280
F-PLS REGISTRATION NUMBER - 10183

HOUSTON OFFICE
1111 FANNIN, SUITE 1250
HOUSTON, TEXAS 77002
(713) 353-8300 FAX (713) 353-8301
F-PLS REGISTRATION NUMBER - 10183

DATE: 11/10/2017 DGN: TX-CivilCorp
TIME: 11:10:20 AM USER: tlrutherford
FILE: H:\PROJECTS\0170-00-034 POLK COUNTY\DESIGN\SHEETS\0170-00-034_SHT_03.DGN

Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY PLAN SCHEMATIC
US 59

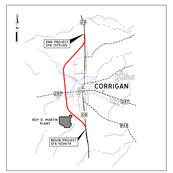
POLK COUNTY

PROJECT LIMITS: 3.0 MI S OF US 287 TO 5.4 MI N OF US 287
APPROX LENGTH OF PROJECT: 51,546 FT = 6.4 MI

CSJ: 0158-04-058 & 0914-01-038,058 (POLK COUNTY)
CMRMC "A" PUBLIC V.S. SERVICE ENGINEER

95% SUBMITTAL

SHEET 4 OF 9



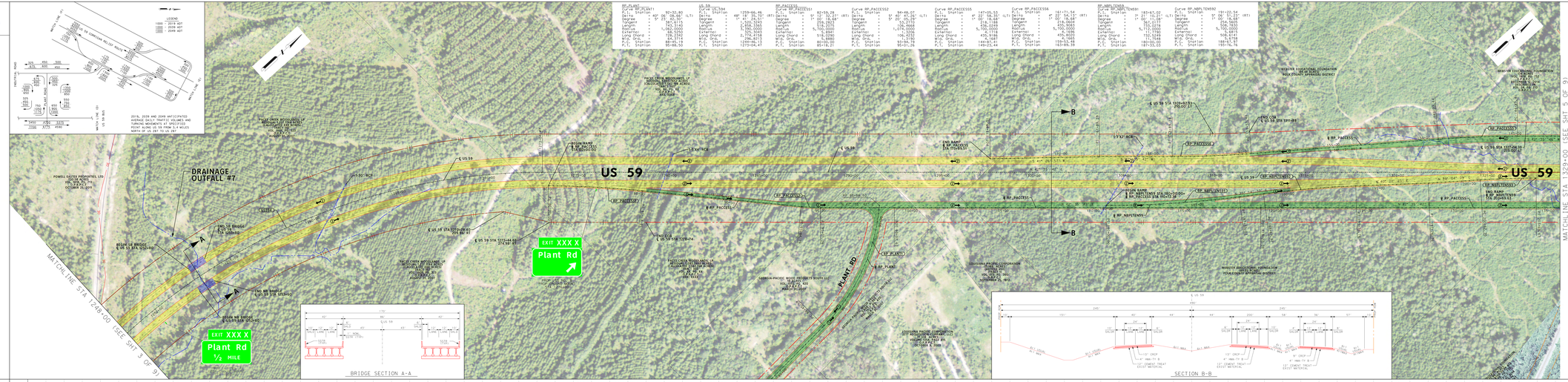
VICINITY MAP

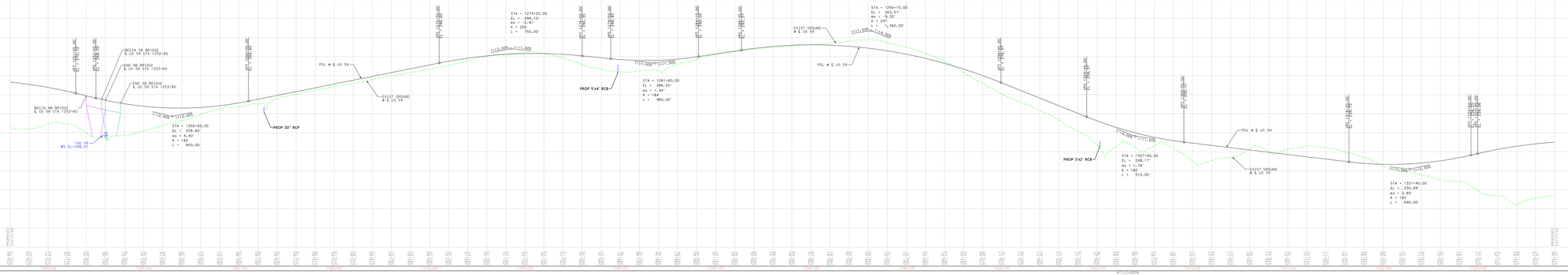
HORIZ SCALE 0 500 1000
VERT SCALE 0 5 10

US 59 TRAFFIC VOLUMES
EXISTING: (2019 ADT) 11,650
PROJECTED (2039 ADT) 16,000

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH





LEGEND

- EXISTING ROW
- PROPOSED ROW
- PROPOSED C.G.A.
- EXISTING PROPERTY LINE
- EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING OVERHEAD ELECTRIC AND OVERHEAD TELEPHONE
- EXISTING FIBER OPTICS (UNDERGROUND)
- EXISTING GAS LINE
- PROPOSED WASTEWATER LINE (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED MAINLANES
- PROPOSED CONNECTORS, RAMPS & CROSS STREETS
- PROPOSED DRIVEWAY
- PAVEMENT TO BE REMOVED
- FLOODPLAIN
- WETLANDS
- NUMBER OF LANES

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. KUYKENDALL JR., P.E. #86302

DATE 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp

VICTORIA OFFICE
1905 N. MOCKINGBIRD LANE
VICTORIA, TX 77904
PHONE: (361) 573-0731 FAX: (361) 573-0732
FIRM REGISTRATION NUMBER - 11245

HOUSTON OFFICE
2929 BRIARPARK DRIVE, SUITE 150
HOUSTON, TX 77042
PHONE: (281) 558-8700 FAX: (281) 558-8705
FIRM REGISTRATION NUMBER - 11245

DATE: 11/08/2017 FILENAME: 59_
FILE NAME: C:\Users\tkuykendall\Desktop\CIVILCORP\Projects\TxDOT\US59 Corrigan\Plans\Sheet 4 of 9.dwg

Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY PLAN SCHEMATIC
US 59

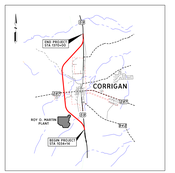
POLK COUNTY

PROJECT LIMITS: 3.0 MI S OF US 287 TO 5.4 MI N OF US 287
APPROX LENGTH OF PROJECT: 51,546 FT = 6.4 MI

CSJ: 0158-04-058 & 0914-01-038,058 (POLK COUNTY)
CMRMC "A" PUBLIC V.S. SERVICE ENGINEER

95% SUBMITTAL

SHEET 4 OF 9



VICINITY MAP

HORIZ SCALE 0 500 1000
VERT SCALE 0 5 10

US 59 TRAFFIC VOLUMES
EXISTING: (2019 ADT) 11,650
PROJECTED (2039 ADT) 16,000

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND

- EXISTING ROW
- PROPOSED ROW
- PROPOSED C.G.A.
- EXISTING PROPERTY LINE
- EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING OVERHEAD ELECTRIC AND OVERHEAD TELEPHONE
- EXISTING FIBER OPTICS (UNDERGROUND)
- EXISTING GAS LINE
- PROPOSED WASTEWATER LINE (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED MAINLANES
- PROPOSED CONNECTORS, RAMPS & CROSS STREETS
- PROPOSED DRIVEWAY
- PAVEMENT TO BE REMOVED
- FLOODPLAIN
- WETLANDS
- NUMBER OF LANES

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. KUYKENDALL JR., P.E. #86302

DATE 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp

VICTORIA OFFICE
1905 N. MOCKINGBIRD LANE
VICTORIA, TX 77904
PHONE: (361) 573-0731 FAX: (361) 573-0732
FIRM REGISTRATION NUMBER - 11245

HOUSTON OFFICE
2929 BRIARPARK DRIVE, SUITE 150
HOUSTON, TX 77042
PHONE: (281) 558-8700 FAX: (281) 558-8705
FIRM REGISTRATION NUMBER - 11245

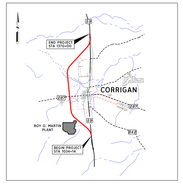
SHEET 4 OF 9
95% SUBMITTAL

87-C-0009

Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
US 59

POLK COUNTY
PROJECT LIMITS: 3.0 MI S OF US 287 TO 5.4 MI N OF US 287
LIMITS LENGTH OF PROJECT: 8.4 MI "A" & "M"
CSJ 0178-04-058 & CSJ 0178-05-034 (POLK COUNTY)
CHERYL P. FLOOD, P.E. SUPERVISING ENGINEER



VICINITY MAP

HORIZ SCALE 0 100' 200'
VERT SCALE 0 10' 20'

US 59 TRAFFIC VOLUMES
EXISTING: (2019 ADT): 12,650
PROJECTED (2039 ADT): 16,000

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND

- EXISTING ROW
- PROPOSED ROW
- PROPOSED C.G.&.
- EXISTING PROPERTY LINE
- EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING OVERHEAD ELECTRIC AND OVERHEAD TELEPHONE
- EXISTING FIBER OPTICS (UNDERGROUND)
- EXISTING GAS LINE
- PROPOSED WASTEWATER LINE (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED MAINLANES
- PROPOSED CONNECTORS, RAMPS & CROSS STREETS
- PROPOSED DRIVEWAY
- PAVEMENT TO BE REMOVED
- FLOODPLAIN
- WETLANDS
- NUMBER OF LANES

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. RUYKENDALL, JR., P.E. #86302

DATE 11/8/2017

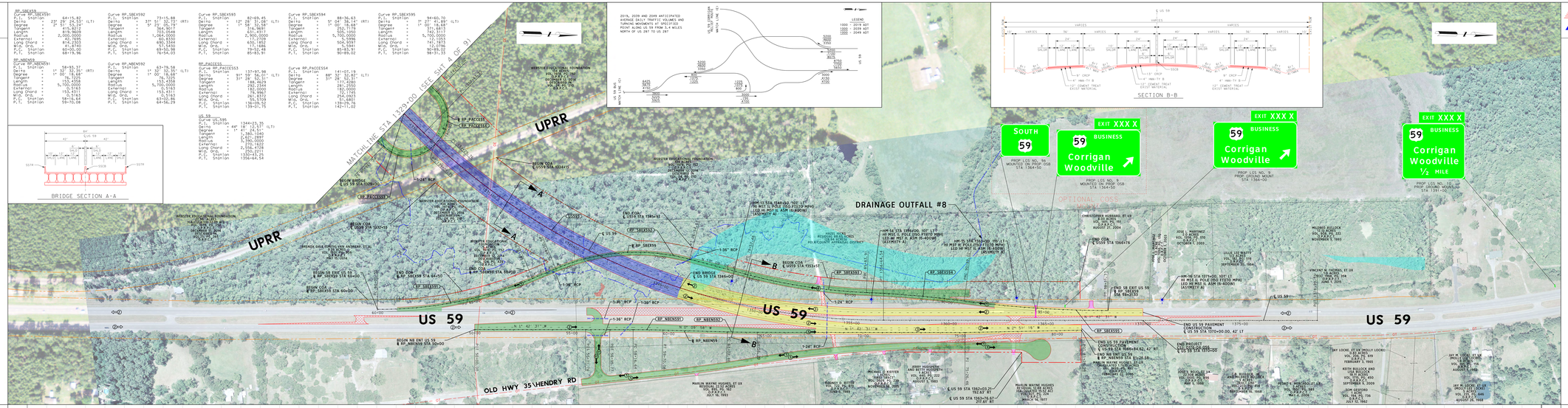
NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

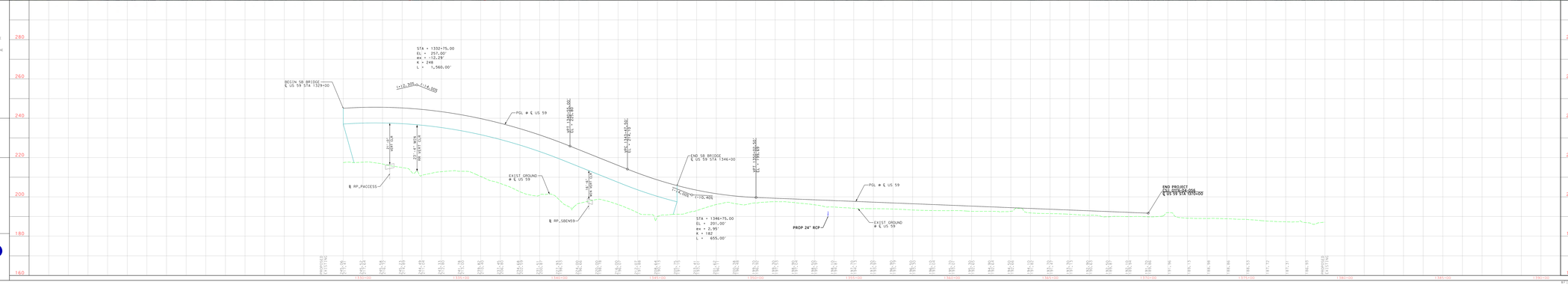
SUBMITTAL DATE: NOVEMBER 2017

CivilCorp
FIRM ID: VICTORIA OFFICE 2121 NORTH NAVARRO, SUITE 400 VICTORIA, TX 77901 PHONE: (361) 576-0220 FAX: (361) 576-0221
HOUSTON OFFICE 2929 BRIARPARK DRIVE, SUITE 400 HOUSTON, TX 77042 PHONE: (281) 558-8700 FAX: (281) 558-8701
FIRM REGISTRATION NUMBER - 10088

95% SUBMITTAL

SHEET 5 OF 9





Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
US 59

POLK COUNTY
PROJECT LIMITS: 3.0 MI S OF US 287 TO 5.4 MI N OF US 287
LIMITS LENGTH OF PROJECT: 8.4 MI "A" & "M"
CSJ 0178-04-058 & CSJ 0178-05-034 (POLK COUNTY)
CHERYL P. FLOOD, P.E. SUPERVISING ENGINEER

VICINITY MAP

HORIZ SCALE 0 100' 200'
VERT SCALE 0 10' 20'

US 59 TRAFFIC VOLUMES
EXISTING: (2019 ADT): 12,650
PROJECTED (2039 ADT): 16,000

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. RUYKENDALL, JR., P.E. #86302

DATE 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp
FIRM ID: VICTORIA OFFICE 2121 NORTH NAVARRO, SUITE 400 VICTORIA, TX 77901 PHONE: (361) 576-0220 FAX: (361) 576-0221
HOUSTON OFFICE 2929 BRIARPARK DRIVE, SUITE 400 HOUSTON, TX 77042 PHONE: (281) 558-8700 FAX: (281) 558-8701
FIRM REGISTRATION NUMBER - 10088

95% SUBMITTAL

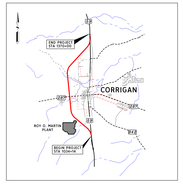
SHEET 5 OF 9

Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
US 59

POLK COUNTY
PROJECT LIMITS: 3.0 MI S.OF US 287 TO 5.4 MI N.OF US 287
OVERALL LENGTH OF PROJECT: 15,984 FT = 6.4 MI

CSJ 0178-04-058 & CSJ 0178-05-104 (POLK COUNTY)
CHEPU, P. FLOOD, P.E. SEPHIRO ENGINEER



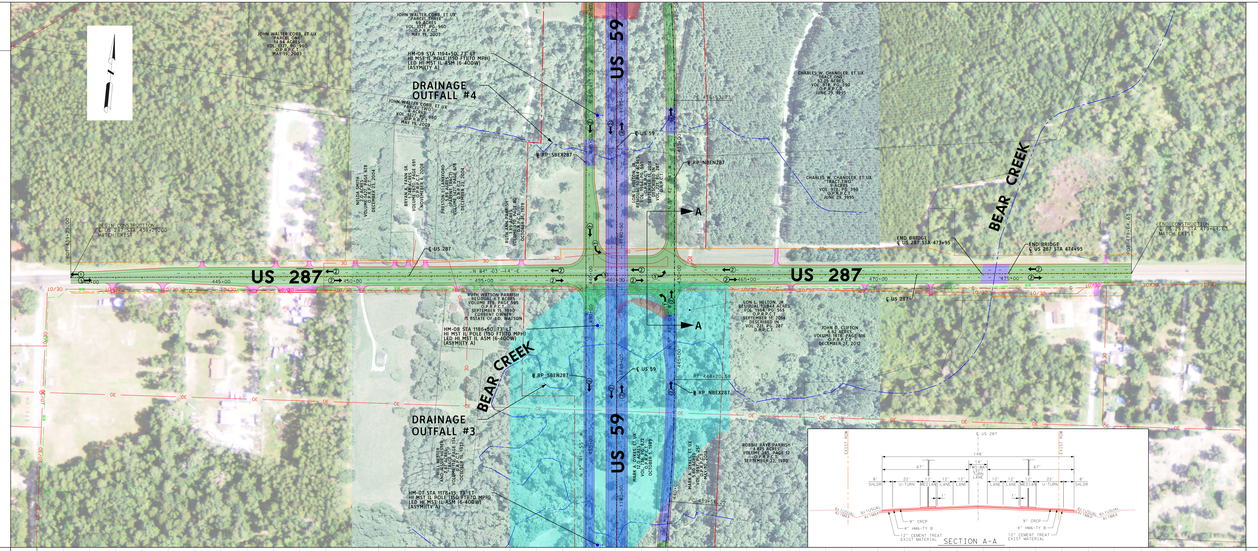
VICINITY MAP

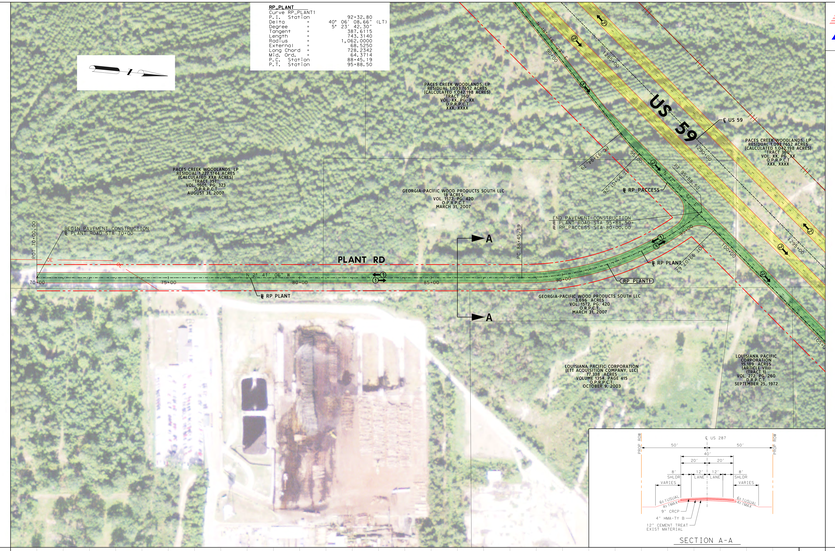
HORIZ SCALE 0 100' 200'
VERT SCALE 0 10' 20'

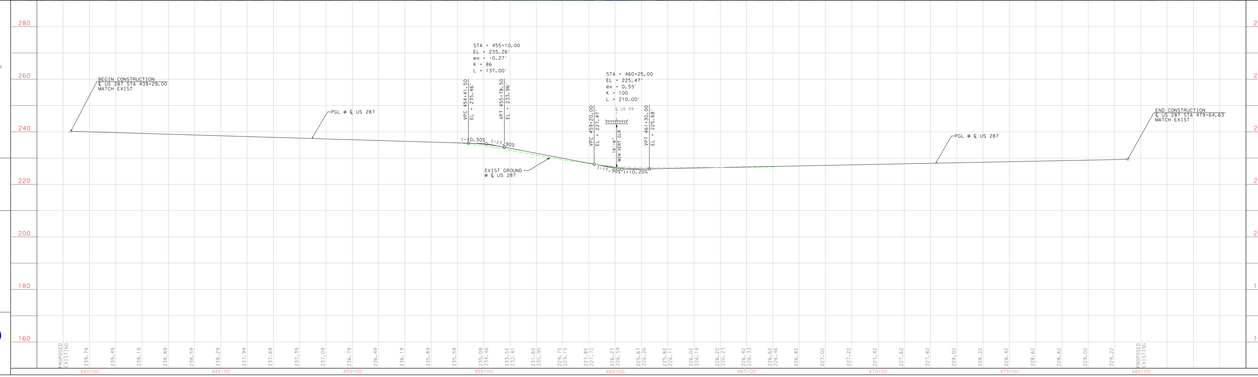
US 59 TRAFFIC VOLUMES
EXISTING: (2019 ADT= 12,650
PROJECTED: (2039 ADT= 16,000

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH







LEGEND

- EXISTING ROW
- PROPOSED ROW
- PROPOSED C.O.L.
- EXISTING PROPERTY LINE
- OP — EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
- OE — EXISTING OVERHEAD ELECTRIC
- OE,OT — EXISTING OVERHEAD ELECTRIC AND OVERHEAD TELEPHONE
- FO — EXISTING FIBER OPTICS (UNDERGROUND)
- G — EXISTING GAS LINE
- WW — PROPOSED WASTEWATER LINE (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED MAINLANES
- PROPOSED CONNECTORS, RAMPS & CROSS STREETS
- PROPOSED DRIVEWAY
- PAVEMENT TO BE REMOVED
- FLOODPLAIN
- WETLANDS
- NUMBER OF LANES

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. RUYKENDALL, JR., P.E. #86302

DATE 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp
VICTORIA OFFICE: 7901 E. Mesquite Street, Suite 400, Victoria, Texas 77905, Phone No.: (361) 573-0846, Fax No.: (361) 573-0847
HOUSTON OFFICE: 2929 Briarpark Drive, Suite 400, Houston, Texas 77042, Phone No.: (713) 783-1122, Fax No.: (713) 783-1123
FIRM REGISTRATION NUMBER - 10088

95% SUBMITTAL

SHEET 6 OF 9

DATE: 11/8/2017 11:53:12 AM
FILE: L:\CIVILCORP\CIVIL\PROJECTS\2015\15-15 SH Segment C and D Improvements BEC\Corridor\Sheets\Schematic\15-15-SH-Segment-C-and-D-Improvements-BEC-Corridor-SHEET-PLAN-SCH.DGN

Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
US 59

POLK COUNTY
PROJECT LIMITS: 3.0 MI S.OF US 287 TO 5.4 MI N.OF US 287
OVERALL LENGTH OF PROJECT: 15,984 FT = 6.4 MI

CSJ 0178-04-058 & CSJ 0178-05-104 (POLK COUNTY)
CHEPU, P. FLOOD, P.E. SEPHIRO ENGINEER

VICINITY MAP

HORIZ SCALE 0 100' 200'
VERT SCALE 0 10' 20'

US 59 TRAFFIC VOLUMES
EXISTING: (2019 ADT= 12,650
PROJECTED: (2039 ADT= 16,000

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND

- EXISTING ROW
- PROPOSED ROW
- PROPOSED C.O.L.
- EXISTING PROPERTY LINE
- OP — EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
- OE — EXISTING OVERHEAD ELECTRIC
- OE,OT — EXISTING OVERHEAD ELECTRIC AND OVERHEAD TELEPHONE
- FO — EXISTING FIBER OPTICS (UNDERGROUND)
- G — EXISTING GAS LINE
- WW — PROPOSED WASTEWATER LINE (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED MAINLANES
- PROPOSED CONNECTORS, RAMPS & CROSS STREETS
- PROPOSED DRIVEWAY
- PAVEMENT TO BE REMOVED
- FLOODPLAIN
- WETLANDS
- NUMBER OF LANES

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. RUYKENDALL, JR., P.E. #86302

DATE 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp
VICTORIA OFFICE: 7901 E. Mesquite Street, Suite 400, Victoria, Texas 77905, Phone No.: (361) 573-0846, Fax No.: (361) 573-0847
HOUSTON OFFICE: 2929 Briarpark Drive, Suite 400, Houston, Texas 77042, Phone No.: (713) 783-1122, Fax No.: (713) 783-1123
FIRM REGISTRATION NUMBER - 10088

95% SUBMITTAL

SHEET 6 OF 9

Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
FOR
US 59

POLK COUNTY

PROJECT LIMITS: 0.5 MI NORTH OF FM 1988 TO 0.5 MI N OF US 287
BRIDGE CLASS: 0.5 MI NORTH TO 0.5 MI S OF FM 1988

CSJ: 0170-06-058 & 0170-07-058 POLK COUNTY
CHERYL M. FLOWE, P.E. DISTRICT ENGINEER

VICINITY MAP

HORIZ. SCALE 1:50 0 100' 200'
VERT. SCALE 1" 5' 10'

US 59 TRAFFIC VOLUMES
EXISTING: (2XXX ADT)
PROJECTED: (2XXX ADT)

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAIN LANES = 70 MPH
RAMPS = 50 MPH

LEGEND
EXISTING GROUND PROFILE
PROPOSED PROFILE GRADE LINE

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY
THOMAS G. RUTHENBELI, JR., P.E. #86302
DATE 11/8/2017
NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

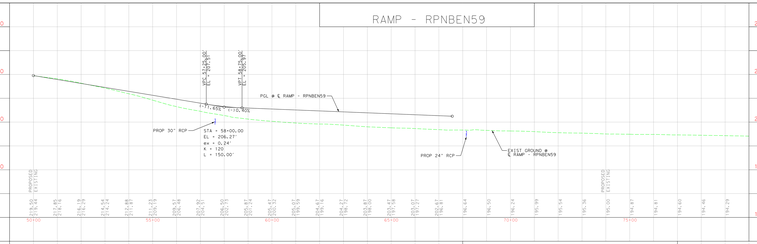
SUBMITTAL DATE: NOVEMBER 2017

CivilCorp
HOUSTON OFFICE
7501 S. WESTPARK DRIVE, SUITE 100
HOUSTON, TEXAS 77063
PH:832-200-0900 FX:832-200-0901
FIRM REGISTRATION NUMBER - 12283
CONROE OFFICE
2160 W. GRAND LAKE DRIVE, STE. 76
CONROE, TEXAS 77304
PH:832-200-0900 FX:832-200-0901
FIRM REGISTRATION NUMBER - 12283

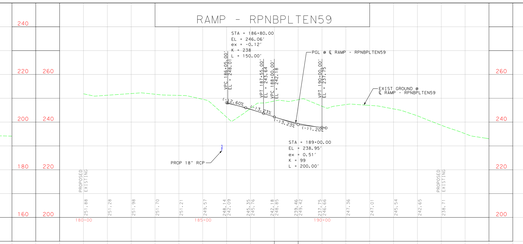
95% SUBMITTAL

SHEET 9 OF 9

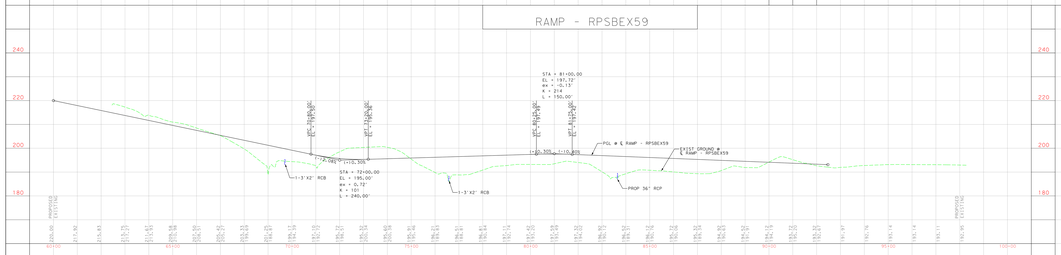
RAMP - RPNBEN59



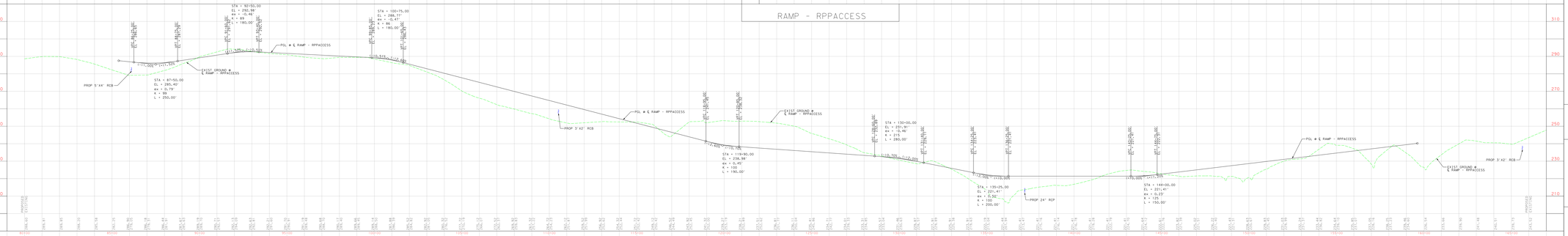
RAMP - RPNBPLTEN59



RAMP - RPSBEX59



RAMP - RPPACCESS



Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
FOR
US 59

POLK COUNTY

PROJECT LIMITS: 0.5 MI NORTH OF FM 1988 TO 0.5 MI N OF US 287
BRIDGE CLASS: 0.5 MI NORTH TO 0.5 MI S OF FM 1988

CSJ: 0170-06-058 & 0170-07-058 POLK COUNTY
CHERYL M. FLOWE, P.E. DISTRICT ENGINEER

VICINITY MAP

HORIZ. SCALE 1:50 0 100' 200'
VERT. SCALE 1" 5' 10'

US 59 TRAFFIC VOLUMES
EXISTING: (2XXX ADT)
PROJECTED: (2XXX ADT)

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAIN LANES = 70 MPH
RAMPS = 50 MPH

LEGEND
EXISTING GROUND PROFILE
PROPOSED PROFILE GRADE LINE

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY
THOMAS G. RUTHENBELI, JR., P.E. #86302
DATE 11/8/2017
NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp
HOUSTON OFFICE
7501 S. WESTPARK DRIVE, SUITE 100
HOUSTON, TEXAS 77063
PH:832-200-0900 FX:832-200-0901
FIRM REGISTRATION NUMBER - 12283
CONROE OFFICE
2160 W. GRAND LAKE DRIVE, STE. 76
CONROE, TEXAS 77304
PH:832-200-0900 FX:832-200-0901
FIRM REGISTRATION NUMBER - 12283

95% SUBMITTAL

SHEET 9 OF 9

95% SUBMITTAL

SHEET 7 OF 9

Texas Department of Transportation

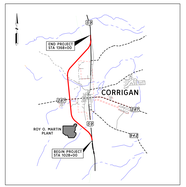
STATE OF TEXAS

PRELIMINARY DESIGN SCHEMATIC
FOR
US 59

POLK COUNTY

PROJECT LIMITS: FM 92 & US 69 FRT TO 5.4 MI N OF US 287
CHARGE CODE: CSJ 0178-04-056 & CSJ 0178-05-031

CSJ 0178-04-056 & CSJ 0178-05-031 (POLK COUNTY)
CHERRI M. FLOOD, P.E. DISTRICT ENGINEER



VICINITY MAP

0 100' 200'
HORIZ. SCALE

0 10' 20'
VERT. SCALE

US 59 TRAFFIC VOLUMES
EXISTING (2024 ADT)
PROJECTED (2044 ADT)

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND

EXISTING GROUND PROFILE
PROPOSED PROFILE GRADE LINE

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. KUYKENDALL, JR. P.E. #86302

DATE 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

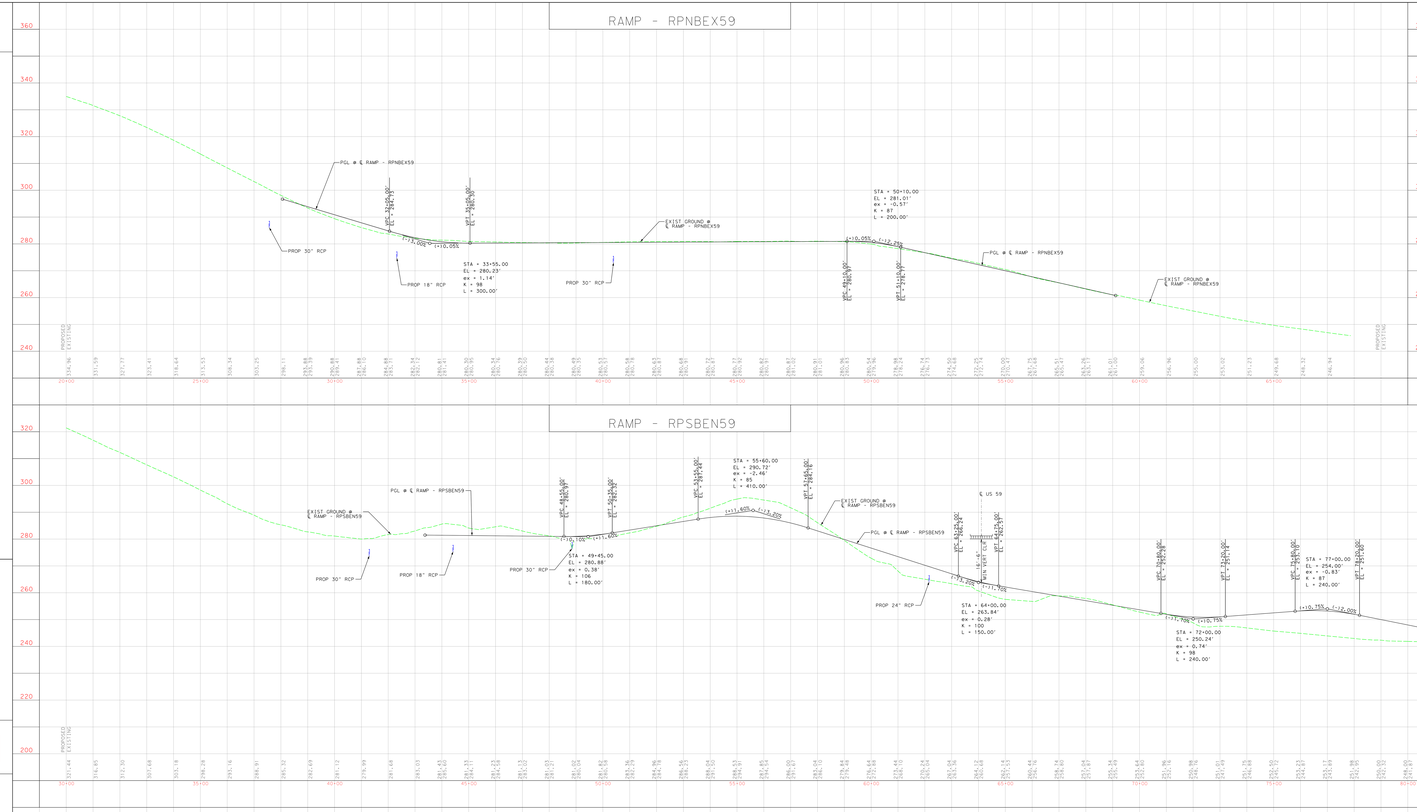
SUBMITTAL DATE: NOVEMBER 2017

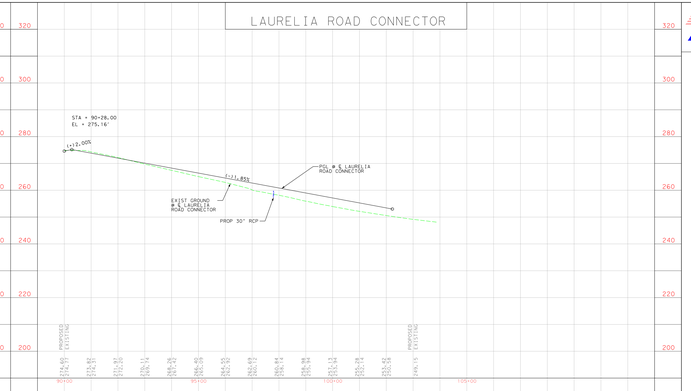
CivilCorp

VICTORIA OFFICE
1501 E. MOCKINGBIRD LN, SUITE 406
VICTORIA, TX 77904
PH:361-572-7500 - FX:361-572-7501

HOUSTON OFFICE
11200 BROADWAY, SUITE 2036
HOUSTON, TX 77025
PH:832-252-8100 - FX:832-252-8102

FIRM REGISTRATION NUMBER - 12283





95% SUBMITTAL

SHEET 7 OF 9

Texas Department of Transportation

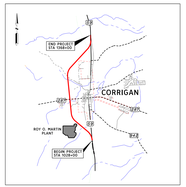
STATE OF TEXAS

PRELIMINARY DESIGN SCHEMATIC
FOR
US 59

POLK COUNTY

PROJECT LIMITS: FM 92 & US 69 FRT TO 5.4 MI N OF US 287
CHARGE CODE: CSJ 0178-04-056 & CSJ 0178-05-031

CSJ 0178-04-056 & CSJ 0178-05-031 (POLK COUNTY)
CHERRI M. FLOOD, P.E. DISTRICT ENGINEER



VICINITY MAP

0 100' 200'
HORIZ. SCALE

0 10' 20'
VERT. SCALE

US 59 TRAFFIC VOLUMES
EXISTING (2024 ADT)
PROJECTED (2044 ADT)

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND

EXISTING GROUND PROFILE
PROPOSED PROFILE GRADE LINE

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY

BY THOMAS C. KUYKENDALL, JR. P.E. #86302

DATE 11/8/2017

NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp

VICTORIA OFFICE
1501 E. MOCKINGBIRD LN, SUITE 406
VICTORIA, TX 77904
PH:361-572-7500 - FX:361-572-7501

HOUSTON OFFICE
11200 BROADWAY, SUITE 2036
HOUSTON, TX 77025
PH:832-252-8100 - FX:832-252-8102

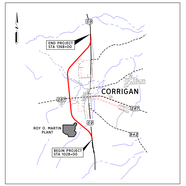
FIRM REGISTRATION NUMBER - 12283

DATE: 11/8/2017 10:32:29 AM
FILE: L:\Civil\Projects\0178-04-056 & 0178-05-031 US 59 Corridor\Civil Drawings\Roadway\Plan Sheets\Ramp Profiles.dgn

RFILE:00019

Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
US 59
POLK COUNTY
PROJECT LIMITS: FM 92 & US 69 FRT TO 5.4 MI N OF US 287
CONTROL SECTION: 0009-02 & 0009-03
CSJ: 0178-04-056 & CSJ:0178-03-055 (POLK COUNTY)
CHERYL M. FLOOD, P.E. DISTRICT ENGINEER



VICINITY MAP

0 100' 200'
HORIZ SCALE

0 10' 20'
VERT SCALE

US 59 TRAFFIC VOLUMES
EXISTING (2024 ADT)=
PROJECTED (2044 ADT)=

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND
EXISTING GROUND PROFILE
PROPOSED PROFILE GRADE LINE

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY
BY: THOMAS C. KUYKENDALL, JR. P.E. #86302
DATE: 11/8/2017
NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

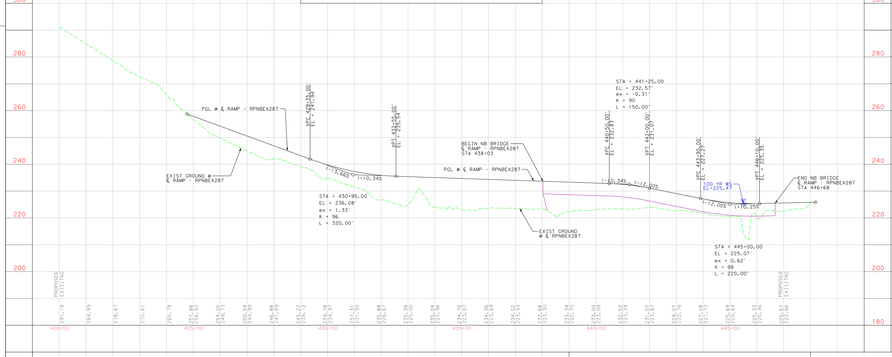
SUBMITTAL DATE: NOVEMBER 2017

CivilCorp
VICTORIA OFFICE
1501 E. MOCKINGBIRD LN, SUITE 406
VICTORIA, TEXAS 77904
PH:361-572-7500 - FX:361-572-7501
HOUSTON OFFICE
11200 BRIARPARK DR, STE 400
HOUSTON, TEXAS 77043
PH:832-252-8100 - FX:832-252-8102
FIRM REGISTRATION NUMBER - 12283

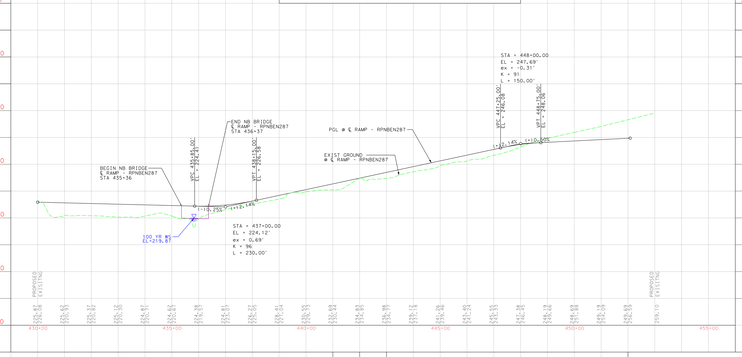
95% SUBMITTAL

SHEET 8 OF 9

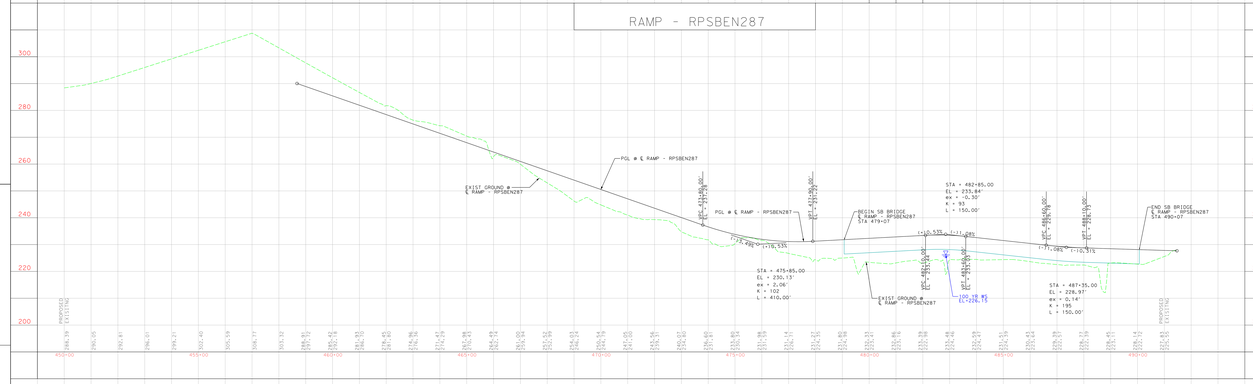
RAMP - RPNBEX287



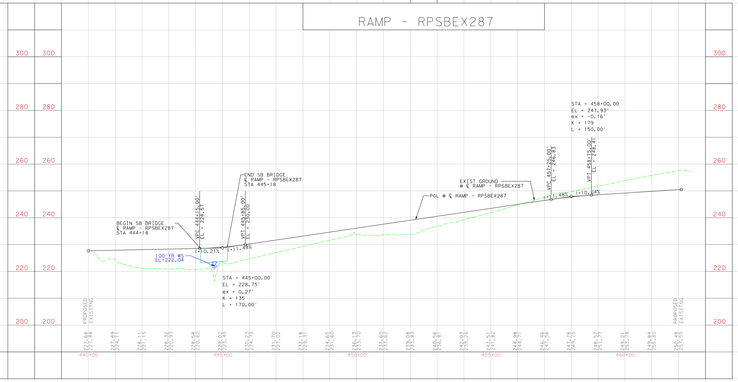
RAMP - RPNBEN287



RAMP - RPSBEN287



RAMP - RPSBEX287



Texas Department of Transportation

STATE OF TEXAS
PRELIMINARY DESIGN SCHEMATIC
US 59
POLK COUNTY
PROJECT LIMITS: FM 92 & US 69 FRT TO 5.4 MI N OF US 287
CONTROL SECTION: 0009-02 & 0009-03
CSJ: 0178-04-056 & CSJ:0178-03-055 (POLK COUNTY)
CHERYL M. FLOOD, P.E. DISTRICT ENGINEER

VICINITY MAP

0 100' 200'
HORIZ SCALE

0 10' 20'
VERT SCALE

US 59 TRAFFIC VOLUMES
EXISTING (2024 ADT)=
PROJECTED (2044 ADT)=

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY

DESIGN SPEED:
MAINLANES = 70 MPH
RAMPS = 50 MPH

LEGEND
EXISTING GROUND PROFILE
PROPOSED PROFILE GRADE LINE

PRELIMINARY
SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

PRELIMINARY
BY: THOMAS C. KUYKENDALL, JR. P.E. #86302
DATE: 11/8/2017
NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

SUBMITTAL DATE: NOVEMBER 2017

CivilCorp
VICTORIA OFFICE
1501 E. MOCKINGBIRD LN, SUITE 406
VICTORIA, TEXAS 77904
PH:361-572-7500 - FX:361-572-7501
HOUSTON OFFICE
11200 BRIARPARK DR, STE 400
HOUSTON, TEXAS 77043
PH:832-252-8100 - FX:832-252-8102
FIRM REGISTRATION NUMBER - 12283

95% SUBMITTAL

SHEET 8 OF 9