TEXAS DEPARTMENT OF TRANSPORTATION
WACO DISTRICT

BELL COUNTY
DESIGN SCHEMATIC
BOBBY LITTLEFIELD, P.E.
DISTRICT ENGINEER

SL 121
CSJ: 2502-01-017
FROM: FM 439
TO: I-35

NET LENGTH OF PROJECT: 4.81 MILES

FUNCTIONAL CLASSIFICATION:
ARTERIAL
DESIGN SPEED = 45 MPH

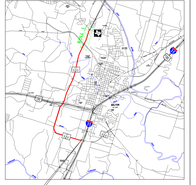
TRAFFIC DATA

TRAFFIC DATA BASED ON TRAFFIC STUDIES PERFORMED BY TXDOT TPNP DIVISION APPROVED BY TXDOT TPNP DIVISION ON OCTOBER 10, 2017	SL 121 FROM FM 439 TO SPARTA RD	SL 121 FROM US 190 EBFR TO I-35
AVERAGE DAILY TRAFFIC (2017)(2037)	10,000/15,000	7,800/11,600
DIRECTIONAL DISTRIBUTION (%)	50-50	50-50
PERCENT TRUCKS OF DHV	5.8	6.2
K-FACTOR	11.1	11.1

COUNTY: BELL
DATE: MAY 2017

DESIGN SCHEMATIC FOR SL 121
BEGIN PROJECT TO STA 891+00

ROLL 1 OF 6



PUBLIC MEETING
MAY 18, 2017

PREPARED BY:
CIVIL ASSOCIATES, INC.
TBPE REGISTRATION NO. F-000981

NASER ABUSAAD, P.E., AICP
LICENSE NO. 83200

GRANT WU, P.E.
LICENSE NO. 89929

Texas Department of Transportation
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SCALE: 1"=100' HOR
1"= 10' VERT
SCALE IN FEET

GENERAL NOTES

1. AERIAL IMAGES SHOWN WERE OBTAINED FROM: https://nrcs.usg.org, http://www.pictometry.com/HTML/datasets.html, 2015.
2. EXISTING TOPOGRAPHY AND PLANIMETRICS SHOWN WERE PROVIDED FROM SURVEY BY GORRONDONA & ASSOC., INC., JANUARY 9, 2017.
3. EXISTING RIGHT-OF-WAY AND PARCEL BOUNDARIES SHOWN WERE PROVIDED FROM SURVEY BY LINA T. RAMEY & ASSOCIATES, JANUARY 5, 2017.
4. PARCEL NUMBERS AND OWNERSHIP DATA SHOWN WERE OBTAINED FROM THE BELL COUNTY TAX APPRAISAL DISTRICT, OCTOBER 17, 2016.

HORIZONTAL ALIGNMENT CURVE DATA

CURVE SL121_CL1	
PI STATION	= 854+84.23
DELTA	= 5°-21'- 31.35"
DEGREE OF CURVE	= 2°-12'- 31.35"
TANGENT	= 206.59
LENGTH	= 408.42
PC STATION	= 852+77.64
PT STATION	= 856+86.06

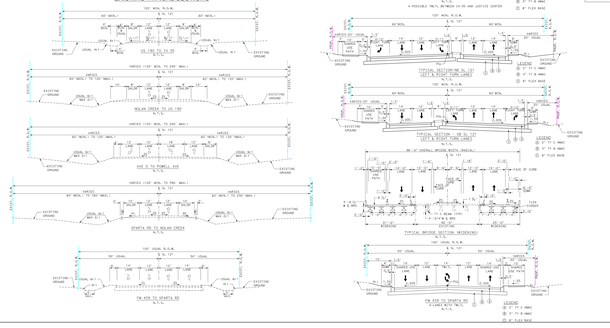
CURVE SL121_CL2	
PI STATION	= 871+75.25
DELTA	= 11°-50'- 00.00"
DEGREE OF CURVE	= 11°-50'- 00.00"
TANGENT	= 305.26
LENGTH	= 609.14
PC STATION	= 868+70.79
PT STATION	= 874+79.21

LEGEND

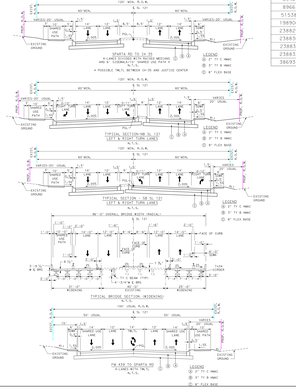
- PROPOSED PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED DRIVEWAY
- PROPOSED SHARED USE PATH
- PROPOSED BRIDGE
- PROPOSED IMPROVEMENT BY OTHERS
- PROPOSED R.O.W.
- EXISTING R.O.W.
- EXISTING EASEMENT
- PARCEL BOUNDARIES
- (123456) PARCEL I.D. NUMBER
- APPROXIMATE CITY LIMITS
- TRAFFIC DIRECTIONAL ARROWS
- JURISDICTIONAL WATERS
- EXISTING TOPOGRAPHY

SL 121 TRAFFIC PROJECTIONS FROM FM 439 TO SPARTA RD

EXISTING TYPICAL SECTIONS



PROPOSED TYPICAL SECTIONS



PROPERTY OWNERSHIP TABLE

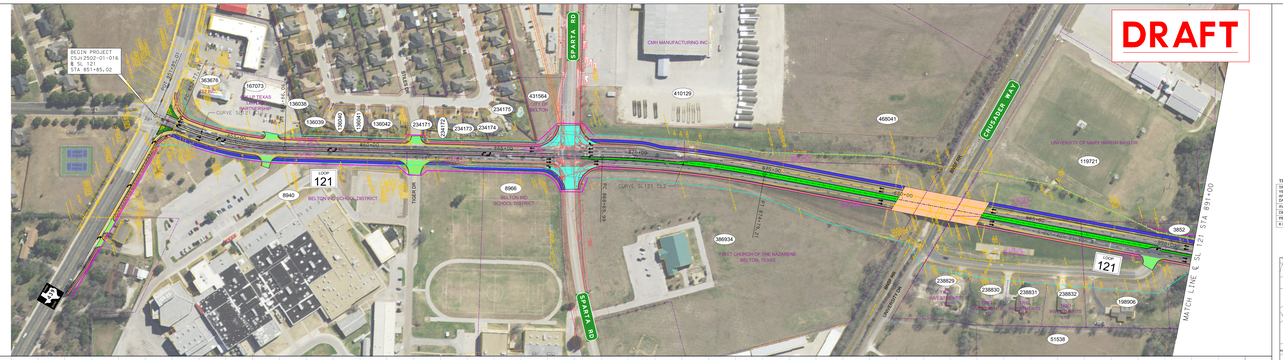
Source: BELL COUNTY TAX APPRAISAL DISTRICT
Date: OCTOBER 17, 2016
SL 121 - NORTHBOUND

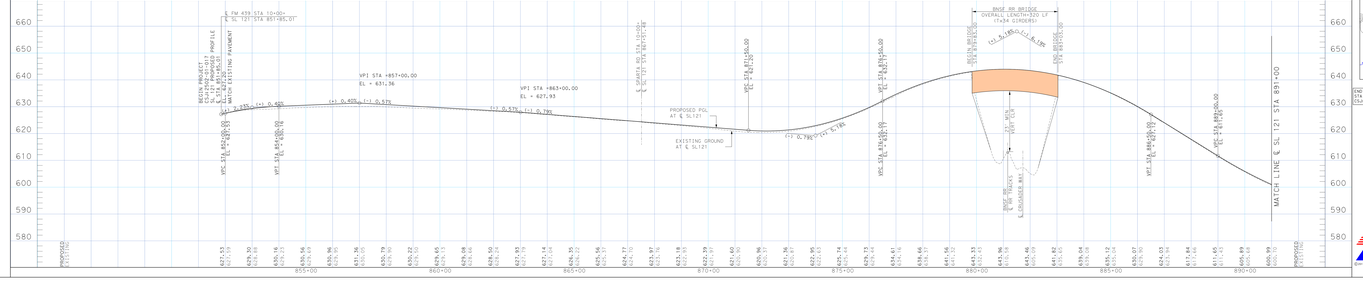
ID NO.	OWNER
3852	HILLIARD, JERRY M ETUX REBECCA
119721	UNIVERSITY OF MARY HARDIN BAYLOR
136038	DAUDE, PATRICIA M ETVIR
136039	MUCHA, RONALD LEE
136040	BROWN, PHILLIP ETUX CHRISTINE
136041	ROMERO, FELIXBERTO G & CHONA R
136042	BREWER BOOOS, JAN SHIRLY
167073	4SK LP TEXAS LIMITED PARTNERSHIP
234171	FASOLINO, EDWARD ETUX DEBORAH J
234172	AHLERSMEYER, WILLIAM H ETUX TINA L
234175	CONFIDENTIAL OWNER
234174	BARNARD, WILLIAM O ETUX NICOLE M
234175	HILL, CALEB & RACHEL
363676	JL22 INCORPORATED
410129	CMH MANUFACTURING INC
431564	CITY OF BELTON
468041	CMH MANUFACTURING INC

PROPERTY OWNERSHIP TABLE

Source: BELL COUNTY TAX APPRAISAL DISTRICT
Date: OCTOBER 17, 2016
SL 121 - SOUTHBOUND

ID NO.	OWNER
8940	BELTON IND SCHOOL DISTRICT
8966	BELTON IND SCHOOL DISTRICT
51538	HOOD, EARON MRS
198906	WHITES, BARBARA
238829	TRIO INVESTMENTS LTD
238830	TRIO INVESTMENTS LTD
238831	TRIO INVESTMENTS LTD
238832	TRIO INVESTMENTS LTD
386934	FIRST CHURCH OF THE NAZARENE BELTON TEXAS





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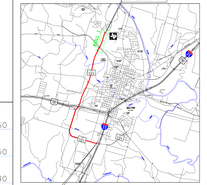

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