US 79

Texas Department of Transportation

Wilbarger County Transportation Department

Wilbarger County Transportation Department

Winkley & Bartlett Inc.
Consulting engineers
Transportation engineers

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
US 79
LEON & LIMESTONE COUNTIES

CSJ: 0265-04-047 (US 79)
BEGIN: 0.5 MI. SOUTH OF FM 39 (LIMESTONE CO.)
END: 0.5 MI. NORTH OF FM 39 (LEON CO.)
(0.0 mi. = 0265-04-047
LENGTH: 12.00 MI.
LENGTH: 12.00 MI.

LEVEL OF SERVICE DESIGNED
(BY-PASS ROUTE)

DESIGN SPEED: 70 MPH / Posted 60 MPH (Rural)
Functional Classification: Rural Major Collector / Section 5 Rehabilitation Rural Highway

Equivalenced Axle: Year 1 ESA

4/15/2019

AVERAGE DAILY TRAFFIC VOLUME
(2019-2039)

2019	2029	2039
1,500	1,600	1,700

2019	2029	2039
1,500	1,600	1,700

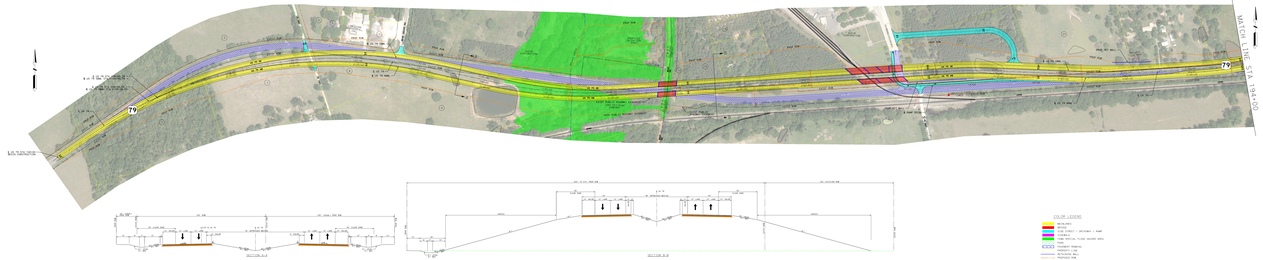
SCHEMATIC DESIGN
PRELIMINARY - SUBJECT TO CHANGE

These documents are not suitable for Construction, Bidding, or Permit purposes unless they are signed, sealed by, or under the supervision of:

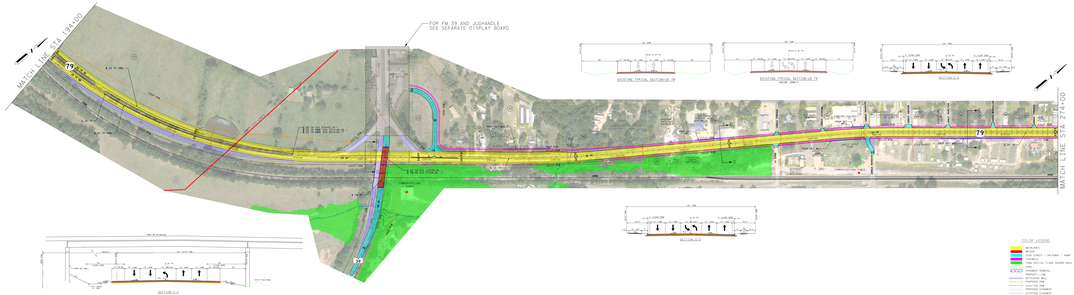
David G. Greene, PE PE #120047 4/15/2019 Date

COLOR LEGEND
- BEGIN/END
- BRIDGE
- SIDE STREET / DRIVEWAY / RAMP
- CULVERTS
- FLOW OFFICIAL FLOOD HAZARD AREA
- PAVEMENT MARKING
- PROPOSED PAVEMENT
- EXISTING ROW
- PROPOSED ROW
- PROPOSED RAIL
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING CONTOURS
- COMMUNICATION TOWER
- OUTSIDE STORAGE TANKS
- ACCESSIBLE RAMPS
- FIBER OPTIC COMMUNICATION
- OVERHEAD ELECTRIC
- GAS LINE
- OVERHEAD TRANSMISSION LINES
- PROPERTY MARKER

NOTE: ALL MATERIALS AND METHODS ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED.



COLOR LEGEND
- BEGIN/END
- BRIDGE
- SIDE STREET / DRIVEWAY / RAMP
- CULVERTS
- FLOW OFFICIAL FLOOD HAZARD AREA
- PAVEMENT MARKING
- PROPOSED PAVEMENT
- EXISTING ROW
- PROPOSED ROW
- PROPOSED RAIL
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING CONTOURS
- COMMUNICATION TOWER
- OUTSIDE STORAGE TANKS
- ACCESSIBLE RAMPS
- FIBER OPTIC COMMUNICATION
- OVERHEAD ELECTRIC
- GAS LINE
- OVERHEAD TRANSMISSION LINES
- PROPERTY MARKER



COLOR LEGEND
- BEGIN/END
- BRIDGE
- SIDE STREET / DRIVEWAY / RAMP
- CULVERTS
- FLOW OFFICIAL FLOOD HAZARD AREA
- PAVEMENT MARKING
- PROPOSED PAVEMENT
- EXISTING ROW
- PROPOSED ROW
- PROPOSED RAIL
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING CONTOURS
- COMMUNICATION TOWER
- OUTSIDE STORAGE TANKS
- ACCESSIBLE RAMPS
- FIBER OPTIC COMMUNICATION
- OVERHEAD ELECTRIC
- GAS LINE
- OVERHEAD TRANSMISSION LINES
- PROPERTY MARKER

Date: 4/15/2019 Sheet: 1 of 8 Exhibit: Schematic

CSJ: 0265-04-047

US 79 Texas Department of Transportation

CSJ: 0200-04-047

SHEET 3 OF 4 Sealed Technical

Texas Department of Transportation

Blinking & Burfield Inc.
TBPE Firm Registration #F-1356
TBPLS Firm Registration #10194

AVERAGE DAILY TRAFFIC VOLUMES
2019
2024
2044
AADT
AADT
AADT

SCHEMATIC DESIGN
PRELIMINARY - SUBJECT TO CHANGE

These documents are not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

David W Greaves, PE TX #125862 4-10-2019
Date

COLOR LEGEND

- RETAINING
- CURB
- FOR STREET / DRIVEWAY / RAMP
- PAVEMENT
- FEMA SPECIAL FLOOD HAZARD AREA
- BRIDGE
- PROPERTY MARKING
- PROPERTY LINE
- RESERVED ROW
- EXISTING ROW
- EXISTING ROW
- PROPOSED EASEMENT
- EXISTING EASEMENT
- COMMUNICATIONS LINES
- PETROLEUM STORAGE TANKS
- HISTORICAL MARKER
- LARGE UTILITY COMMUNICATION
- OVERHEAD ELECTRIC
- GAS LINE
- OVERHEAD TRANSMISSION LINES
- PROPERTY MARKER

NOTES:
ALL ELEVATIONS ARE BASED ON THE 1929 ELEVATION DATUM. ALL DIMENSIONS ARE BASED ON THE 1983 NORTH AMERICAN DATUM. ALL DIMENSIONS ARE SHOWN IN FEET AND DECIMALS OF FEET UNLESS OTHERWISE NOTED.

US 79

Date: 4/10/2019

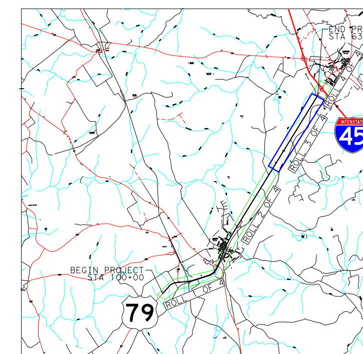
CSJ: 0200-04-047

SHEET 4 OF 4 Sealed Technical

US 79

Date: 4/10/2019

US 79



LOCATION MAP
N.T.S.

Texas Department of Transportation © 2019

Binkley & Barfield, Inc
consulting engineers
Texas Registration Number F-257

AVERAGE DAILY TRAFFIC VOLUMES

0205-04-047

US 79

EXIST	OPENING	DESIGN
2018	2025	2045
5860	7300	13720

SCHEMATIC DESIGN
PRELIMINARY - SUBJECT TO CHANGE

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David G Greaney, PE — **PE #125563** — **4/10/2019** Date

COLOR LEGEND

MAINLANES	PROPOSED EASEMENT
BRIDGE	EXISTING EASEMENT
SIDE STREET / DRIVEWAY / RAMP	COMMUNICATIONS TOWER
SIDEWALK	PETROLEUM STORAGE TANKS
FEMA SPECIAL FLOOD HAZARD AREA	HISTORICAL MARKER
PARK	FIBER OPTIC COMMUNICATION
PAVEMENT REMOVAL	OVERHEAD ELECTRIC
PROPERTY LINE	GAS LINE
RETAINING WALL	OVERHEAD TRANSMISSION LINES
PROPOSED ROW	PROPERTY NUMBER
EXISTING ROW	

NOTE: ALL BEARINGS ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, FIPS 4203 AND ADJUSTED TO SURFACE USING A COMBINED SCALE FACTOR OF 1.00012. UNITS ARE US SURVEY FEET.

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
US 79
LEON COUNTY

LIMITS: FROM: FIVE LANE SECTION IN BUFFALO
TO: 0.6 MILES WEST OF FM 1512

C-S-J-: 0205-04-047
FED. AID PROJECT NO.:
LENGTH: 10.30 MI

OFFICE OF DISTRICT ENGINEER
BRYAN DISTRICT

DESIGN SPEED: 70 MPH - Rural; 40 MPH - City

Functional Classification: Multi-Lane Rural Highway
Chapter 3, Section 5 Multi-Lane Rural Highways

Superelevation Rate e_{max} = 6%

4/10/2019

CSJ: 0205-04-047
ROLL 3 OF 4
Scale: 0' 50' 100'
Date: 4/10/2019
Texas Department of Transportation © 2019
US 79

FILE: \\PZHOU\data\bbi\trans\0170000246*02*US79*Schematic\CADD\DGN\Open House 2\US79*SCHEM*03-Open House 2.dgn
DATE: 4/10/2019 11:36:57 AM

CSJ: 0205-04-047

ROLL 4 OF 4

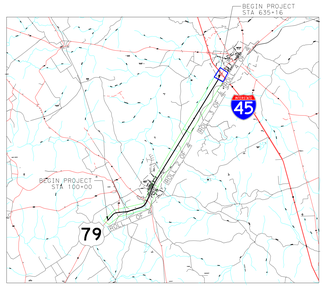
Scale: 1"=200'-0"

Texas Department of Transportation

US 79

Date: 4/10/2019

US 79



LOCATION MAP
N.T.S.

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
US 79
LEON COUNTY

LIMITS: FROM: FIVE LANE SECTION IN BUFFALO
TO: 0.6 MILES WEST OF FM 1512

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4/10/2019

Texas Department of Transportation
© 2019

Binkley & Barfield, Inc
consulting engineers
Texas Registration Number F-257

AVERAGE DAILY TRAFFIC VOLUMES

0205-04-047

US 79

EXIST	OPENING	DESIGN
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SCHEMATIC DESIGN
PRELIMINARY - SUBJECT TO CHANGE

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David G Greaney, PE **PE #125563** **4/10/2019 Date**

COLOR LEGEND

- MAINLANES
- BRIDGE
- SIDE STREET / DRIVEWAY / RAMP
- SIDEWALK
- FEMA SPECIAL FLOOD HAZARD AREA
- PARK
- PAVEMENT REMOVAL
- PROPERTY LINE
- RETAINING WALL
- PROPOSED ROW
- EXISTING ROW
- PROPOSED EASEMENT
- EXISTING EASEMENT
- COMMUNICATIONS TOWER
- PETROLEUM STORAGE TANKS
- HISTORICAL MARKER
- FIBER OPTIC COMMUNICATION
- OVERHEAD ELECTRIC
- GAS LINE
- OVERHEAD TRANSMISSION LINES
- PROPERTY NUMBER

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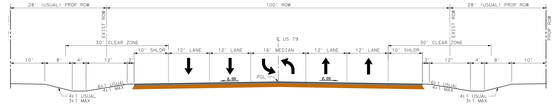
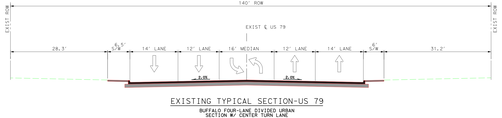


SECTION I-I

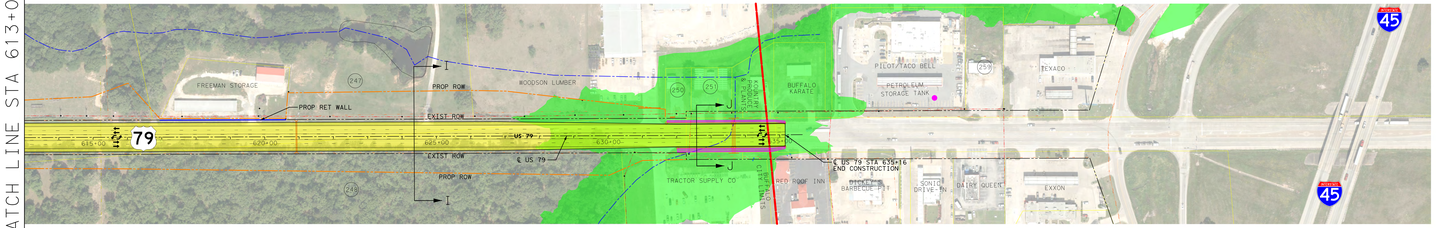
EXISTING TYPICAL SECTION-US 79



EXISTING TYPICAL SECTION-US 79
BUFFALO FOUR-LANE DIVIDED URBAN
SECTION W/ CENTER TURN LANE

SECTION J-J

MATCH LINE STA 613+00



COLOR LEGEND

- MAINLANES
- BRIDGE
- SIDE STREET / DRIVEWAY / RAMP
- SIDEWALK
- FEMA SPECIAL FLOOD HAZARD AREA
- PARK
- PAVEMENT REMOVAL
- PROPERTY LINE
- RETAINING WALL
- PROPOSED ROW
- EXISTING ROW
- PROPOSED EASEMENT
- EXISTING EASEMENT
- COMMUNICATIONS TOWER
- PETROLEUM STORAGE TANKS
- HISTORICAL MARKER
- FIBER OPTIC COMMUNICATION
- OVERHEAD ELECTRIC
- GAS LINE
- OVERHEAD TRANSMISSION LINES
- PROPERTY NUMBER

ROLL 4 OF 4

Scale: 1"=200'-0"

CSJ: 0205-04-047

Texas Department of Transportation

US 79

Date: 4/10/2019

FILE: V:\PROJECTS\0205-04-047\PROJECT\0205-04-047-Schematic.dgn
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