Texas Department of Transportation

US 82 SCHEMATIC DESIGN

WIDEN FROM 2 TO 4 LANES
CLAY COUNTY & MONTAGUE COUNTY

LIMITS: FROM FM 1197/BRIDGE ST IN HENRIETTA TO SH 175/MONTAGUE ST IN NOCONA

PROJECT LENGTH: 27.43 MILES

WICHITA FALLS DISTRICT

DATE: JUNE 10, 2019

INTERIM REVIEW DOCUMENT
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

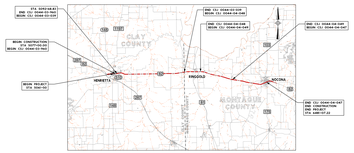
MARTIN GONZALES, IV, P.E. — 80403 P.E. # — JUNE 10, 2019 DATE

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT US 82(SECTION 1)	AADT US 82(SECTION 2)
US 82 (UNDIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2014 = 4,100	2014 = 3,200
US 82 (DIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2036 = 8,500	2036 = 4,400
US 81 (RAMPS)	55 MPH	MAJOR COLLECTOR		
US 81 (RAMPS)	40 MPH			

0 200 400 600 800
SCALE: 1" = 200'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012

PRELIMINARY - SUBJECT TO CHANGE



LEGEND

ROADWAY

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
- EXISTING PROPERTY LINE
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- DITCH FLOW LINE
- XX TRAFFIC COUNT YEAR (2036) DHV
- EXIST EASEMENT
- FLOW ARROW
- PROPOSED MAINLANE
- PROPOSED RAMP
- PROPOSED BRIDGE
- PROPOSED LOCAL ROAD
- PROPOSED RAISED ISLAND
- EXISTING PAVEMENT TO REMAIN (2" OVERLAY)
- EXISTING BRIDGE TO REMAIN
- PAVEMENT TO BE REMOVED
- 0000 CURVE NUMBER

UTILITIES

- ELECTRIC POWER
- TELEPHONE PEDESTAL
- ELECTRIC PULL BOX
- ELECTRIC POLE
- WATER METER

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1160 Dairy Ashford, Suite 500, Houston, Texas 77079
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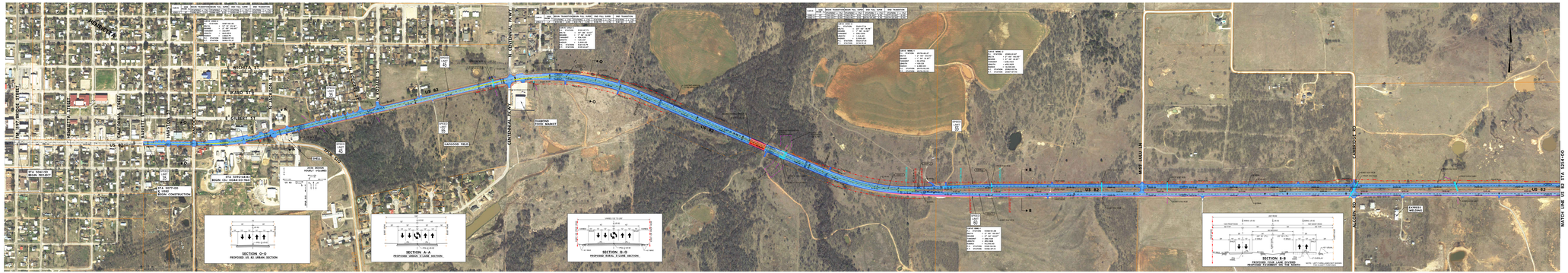
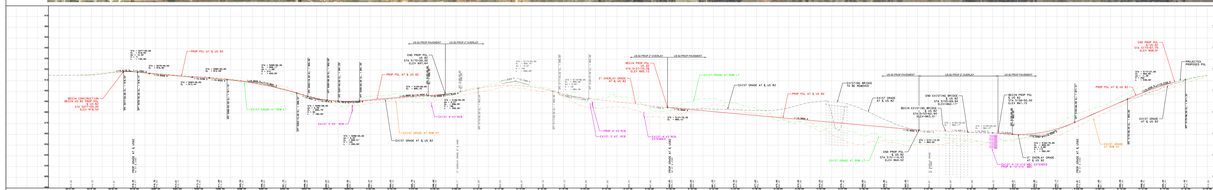
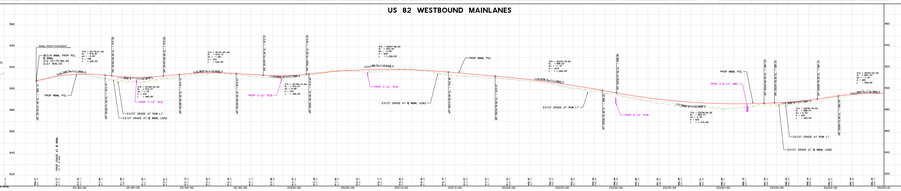
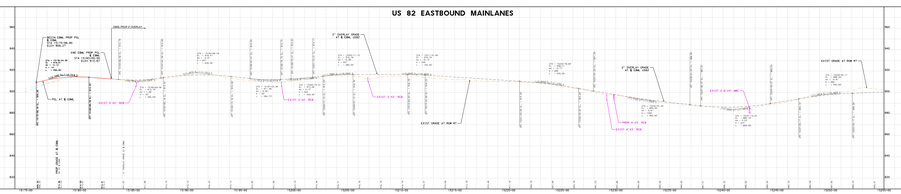








SHEET 1 OF 9

Texas Department of Transportation

WICHITA FALLS DISTRICT

US 82
SCHEMATIC DESIGN

WIDEN FROM 2 TO 4 LANES
CLAY COUNTY & MONTAGUE COUNTY

LIMITS: FROM FM 1197/BRIDGE ST IN HENRIETTA
TO SH 175/MONTAGUE ST IN NOCONA

PROJECT LENGTH: 27.43 MILES

DATE: JUNE 10, 2019

INTERIM REVIEW DOCUMENT
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

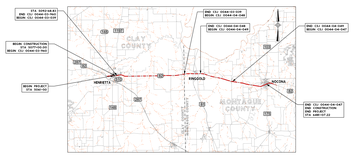
MARTIN GONZALES, IV, P.E. — R0403 P.E. OF RECORD — JUNE 10, 2019 DATE

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT AS PROJECTED (2)
US 82 (UNDIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2014 = 3,200
US 82 (DIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2034 = 4,400
US 81 (MAINLANES)	55 MPH	MAJOR COLLECTOR	
US 81 (RAMPS)	40 MPH		

0 200 400 600 800
SCALE: 1" = 200'
SCALE: 1:2,400

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012

PRELIMINARY - SUBJECT TO CHANGE



LEGEND

ROADWAY

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
- EXISTING PROPERTY LINE
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- DITCH FLOW LINE
- XX TRAFFIC COUNT YEAR (2006) DHV
- EXIST EASEMENT
- FLOW ARROW
- PROPOSED MAINLANE
- PROPOSED RAMP
- PROPOSED BRIDGE
- PROPOSED LOCAL ROAD
- PROPOSED RAISED ISLAND
- EXISTING PAVEMENT TO REMAIN (2" OVERLAY)
- EXISTING BASE TO REMAIN
- PAVEMENT TO BE REMOVED
- 0.00 CURVE NUMBER

UTILITIES

- ELECTRIC POWER
- TELEPHONE PEDESTAL
- ELECTRIC PULL BOX
- ELECTRIC POLE
- WATER METER

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1160 Daily Ashford, Suite 500, Houston, Texas 77079
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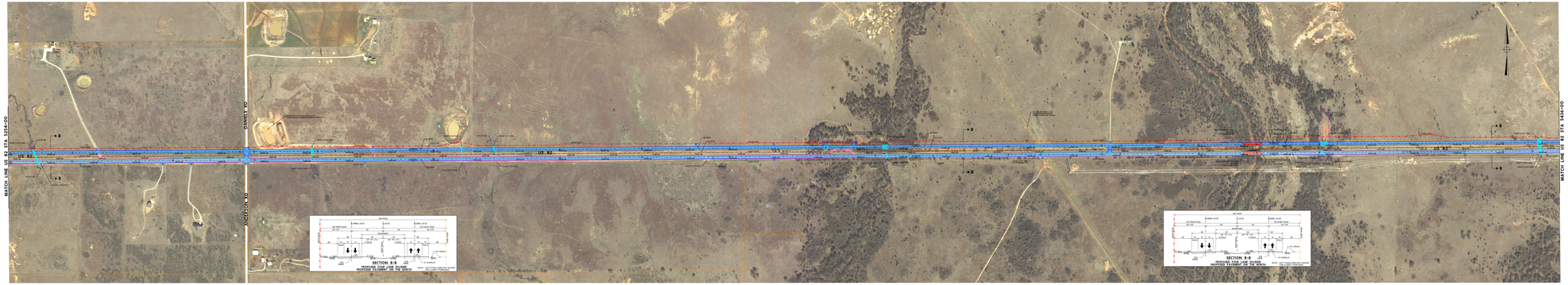

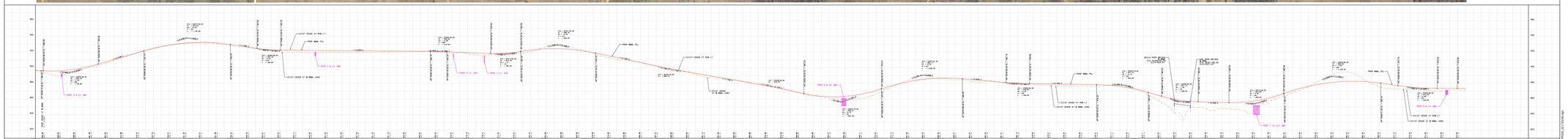

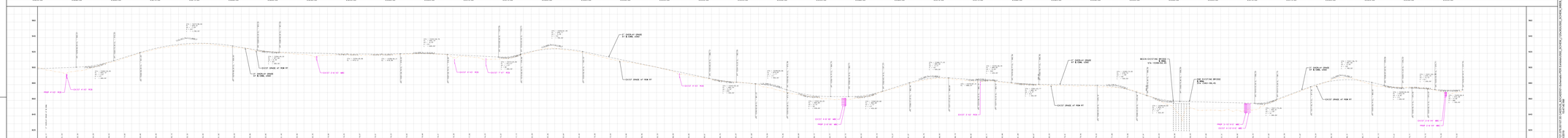

Texas Department of Transportation

US 82 SCHEMATIC DESIGN

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CLAY COUNTY & MONTAGUE COUNTY

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PROJECT LENGTH: 27.43 MILES

WICHITA FALLS DISTRICT

DATE: JUNE 10, 2019

INTERIM REVIEW DOCUMENT
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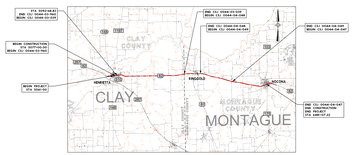
MARTIN GONZALEZ, IV, P.E. 80403 P.E. OF TEXAS JUNE 10, 2019

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT OR ADJUSTTION ID
US 82 (UNDIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2014 - 3,200
US 82 (DIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2036 - 4,400
US 81 (MAINLANE)	55 MPH	MAJOR COLLECTOR	
US 81 (RAMPS)	40 MPH		

0 200 400 600 800
SCALE: 1" = 200'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012

PRELIMINARY - SUBJECT TO CHANGE



LEGEND

ROADWAY

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
- EXISTING PROPERTY LINE
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- DITCH FLOW LINE
- XX TRAFFIC COUNT YEAR (2036) DHV
- EXIST EASEMENT
- FLOW ARROW
- PROPOSED MAINLANE
- PROPOSED RAMP
- PROPOSED BRIDGE
- PROPOSED LOCAL ROAD
- PROPOSED RAISED ISLAND
- EXISTING PAVEMENT TO REMAIN (2" OVERLAY)
- EXISTING BASE TO REMAIN
- PAVEMENT TO BE REMOVED
- 0.000 CURVE NUMBER

UTILITIES

- ELECTRIC POWER
- TELEPHONE PEDESTAL
- ELECTRIC PULL BOX
- ELECTRIC POLE
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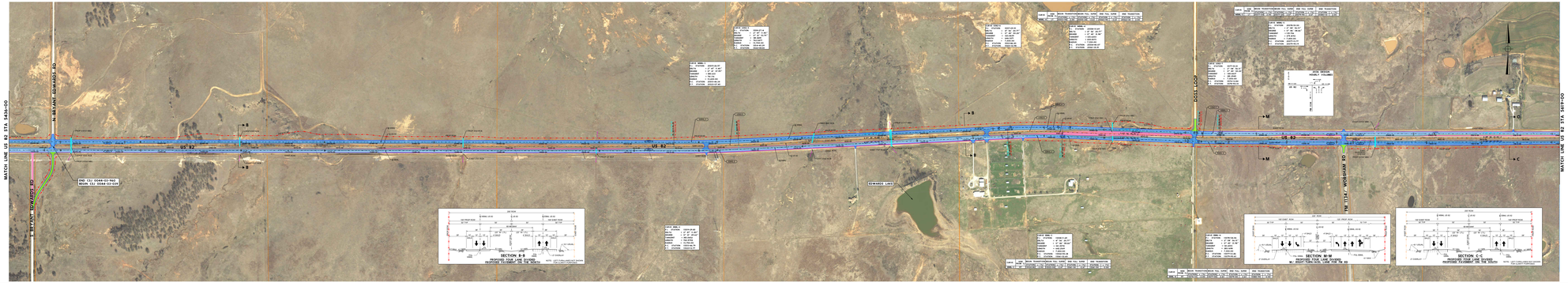

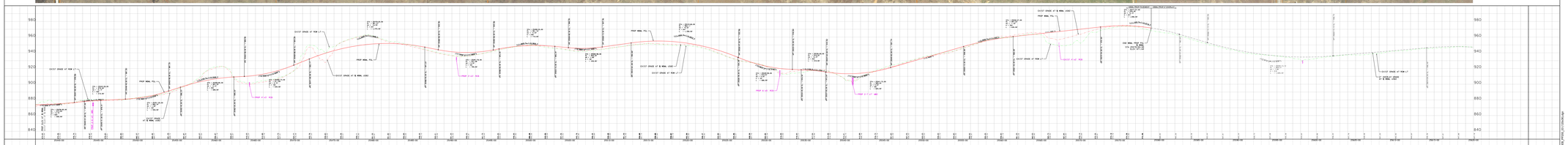

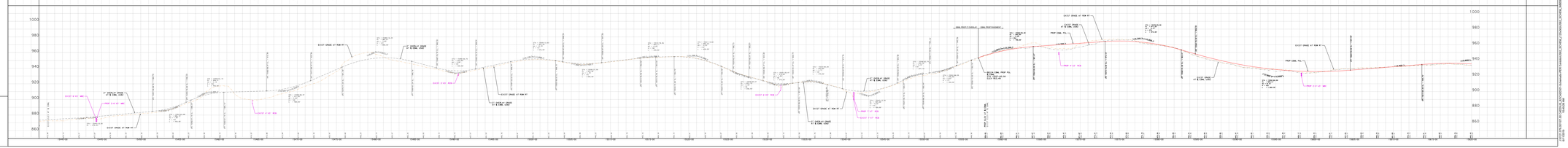

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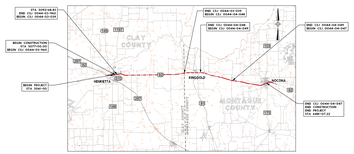
MARTIN GONZALEZ, IV, P.E. — 80403 P.E. # — JUNE 10, 2019 DATE

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT AS ADJECTIFIED 20
US 82 (UNDIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2014 = 3,200
US 82 (DIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2036 = 4,400
US 81 (MAINLANES)	55 MPH	MAJOR COLLECTOR	
US 81 (RAMPS)	40 MPH		

0 200 400 600 800
SCALE 1" = 1,000'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012

PRELIMINARY - SUBJECT TO CHANGE



LEGEND

ROADWAY

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
- EXISTING PROPERTY LINE
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- DITCH FLOW LINE
- TRAFFIC COUNT YEAR (2036) DHV
- EXIST EASEMENT
- FLOW ARROW
- PROPOSED MAINLANE
- PROPOSED RAMP
- PROPOSED BRIDGE
- PROPOSED LOCAL ROAD
- PROPOSED RAISED ISLAND
- EXISTING PAVEMENT TO REMAIN (2" OVERLAY)
- EXISTING BASE TO REMAIN
- PAVEMENT TO BE REMOVED
- CURVE NUMBER

UTILITIES

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- ELECTRIC PULL BOX
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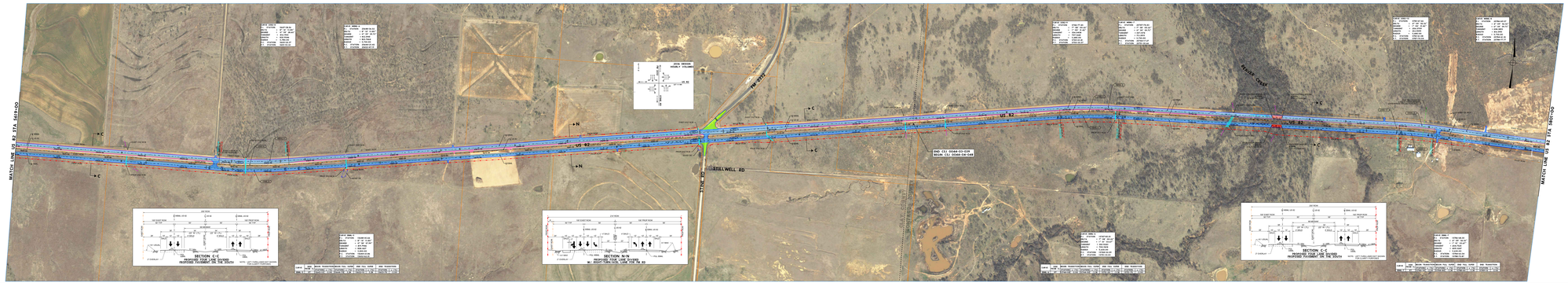

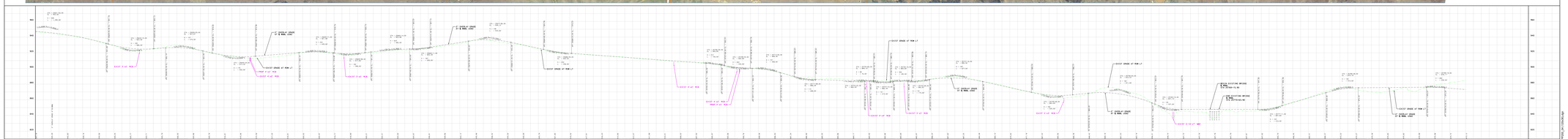

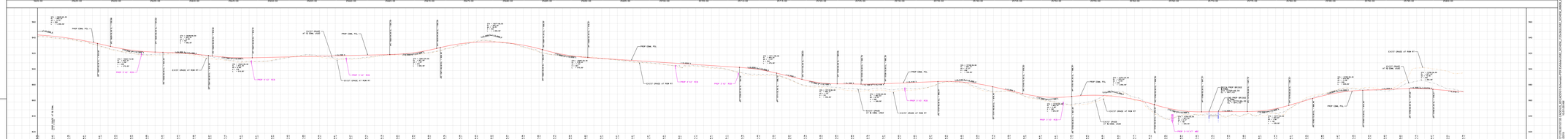

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WICHITA FALLS DISTRICT

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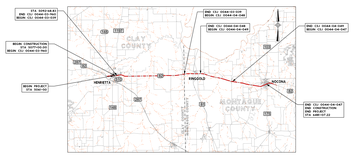
MARTIN GONZALES, IV, P.E. — 80403 P.E. of Texas — JUNE 10, 2019

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT (ID SECTION 2)
US 82 (UNDIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2014 = 3,200
US 82 (DIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2036 = 4,400
US 81 (MAINLANE)	70 MPH	MAJOR COLLECTOR	
US 81 (RAMPS)	40 MPH		

0 200 400 600 800
SCALE: 1" = 1,000'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012

PRELIMINARY - SUBJECT TO CHANGE



LEGEND

ROADWAY

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
- EXISTING PROPERTY LINE
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- DITCH FLOW LINE
- XX TRAFFIC COUNT YEAR (2036) DHV
- EXIST EASEMENT
- FLOW ARROW
- PROPOSED MAINLANE
- PROPOSED RAMP
- PROPOSED BRIDGE
- PROPOSED LOCAL ROAD
- PROPOSED RAISED ISLAND
- EXISTING PAVEMENT TO REMAIN (2" OVERLAY)
- EXISTING BASE TO REMAIN (8" OVERLAY)
- PAVEMENT TO BE REMOVED
- 0.00 CURVE NUMBER

UTILITIES

- ELECTRIC POWER
- TELEPHONE PEDESTAL
- ELECTRIC PULL BOX
- ELECTRIC POLE
- WATER METER

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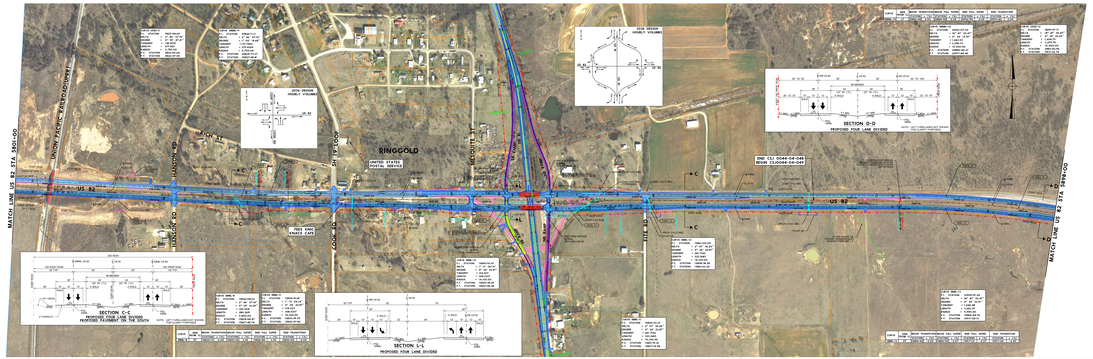

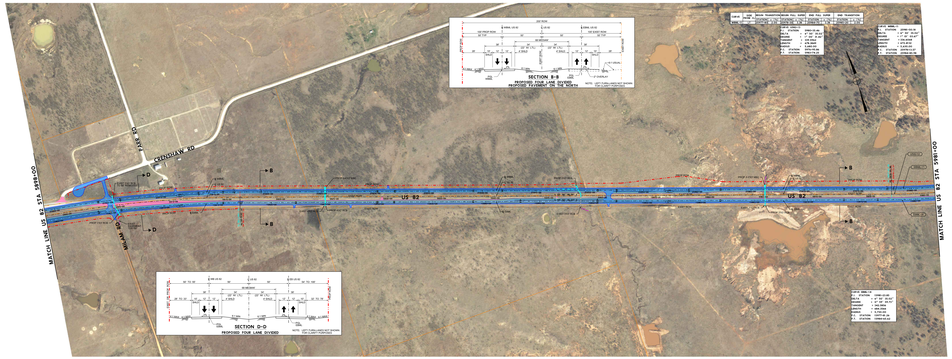

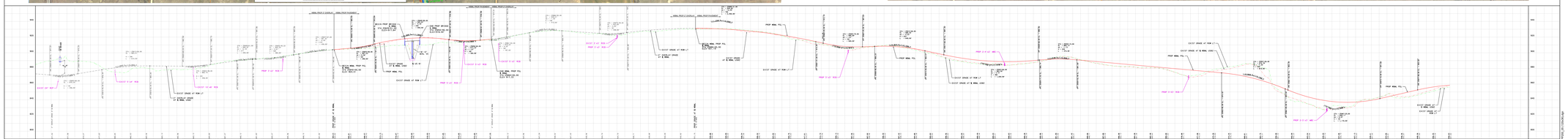

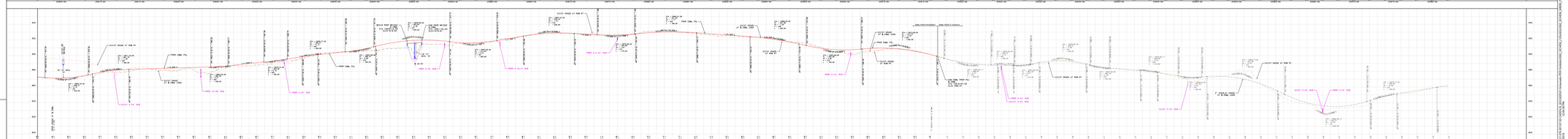

Texas Department of Transportation

US 82 SCHEMATIC DESIGN

WIDEN FROM 2 TO 4 LANES
CLAY COUNTY & MONTAGUE COUNTY

LIMITS: FROM FM 1197/BRIDGE ST IN HENRIETTA TO SH 175/MONTAGUE ST IN NOCONA

PROJECT LENGTH: 27.43 MILES

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DATE: JUNE 10, 2019

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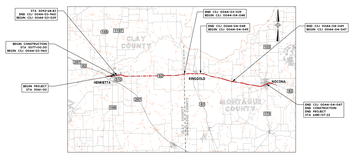
MARTIN GONZALES, IV, P.E. 80403 P.E. # JUNE 10, 2019 DATE

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT AS REDIRECTION 2)
US 82 (UNDIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2014 = 3,200
US 82 (DIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2034 = 4,400
US 81 (MAINLANES)	55 MPH	MAJOR COLLECTOR	
US 81 (RAMPS)	40 MPH		

0 200 400 600 800
SCALE: 1" = 200'
1" = 60 METERS

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012

PRELIMINARY - SUBJECT TO CHANGE



LEGEND

ROADWAY

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
- EXISTING PROPERTY LINE
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- DITCH FLOW LINE
- XX TRAFFIC COUNT YEAR (2006) DHV
- EXIST EASEMENT
- FLOW ARROW
- PROPOSED MAINLANE
- PROPOSED RAMP
- PROPOSED BRIDGE
- PROPOSED LOCAL ROAD
- PROPOSED RAISED ISLAND
- EXISTING PAVEMENT TO REMAIN (2" OVERLAY)
- EXISTING BRIDGE TO REMAIN
- PAVEMENT TO BE REMOVED
- 000 CURVE NUMBER

UTILITIES

- ELECTRIC POWER
- TELEPHONE PEDESTAL
- ELECTRIC PULL BOX
- ELECTRIC POLE
- WATER METER

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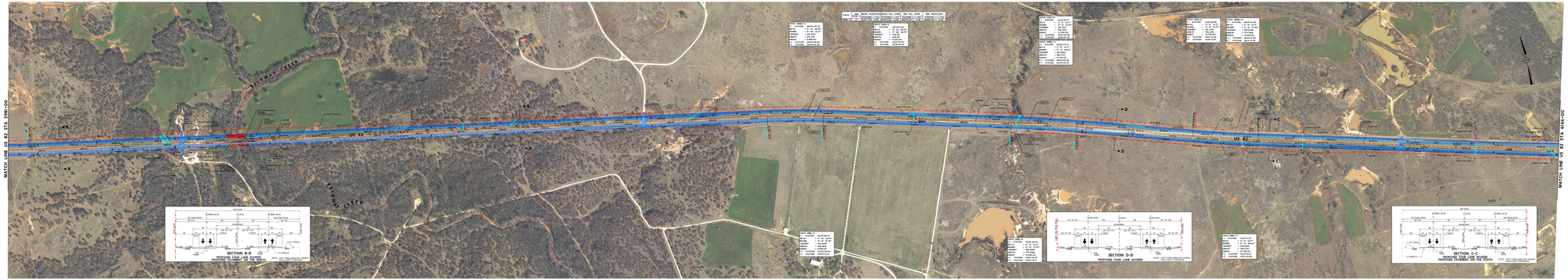

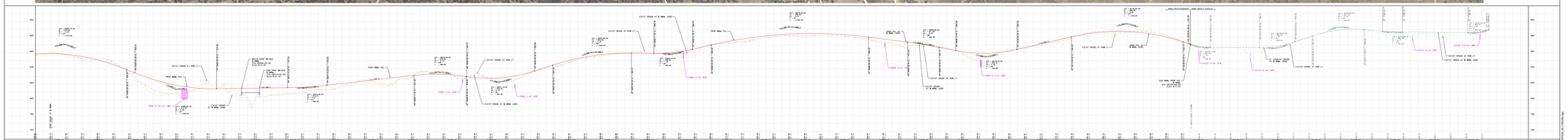

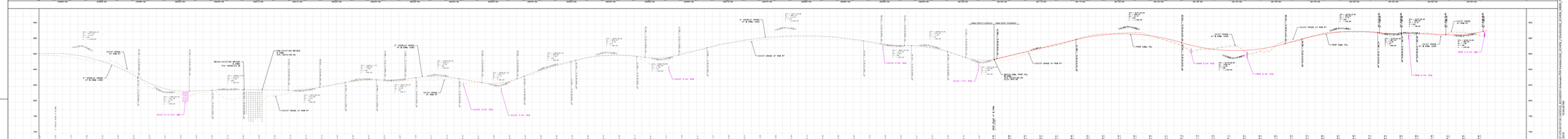

Texas Department of Transportation

US 82 SCHEMATIC DESIGN

WIDEN FROM 2 TO 4 LANES
CLAY COUNTY & MONTAGUE COUNTY

LIMITS: FROM FM 1197/BRIDGE ST IN HENRIETTA
TO SH 175/MONTAGUE ST IN NOCONA

PROJECT LENGTH: 27.43 MILES

WICHITA FALLS DISTRICT

DATE: JUNE 10, 2019

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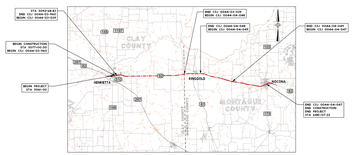
80403 JUNE 10, 2019
MARTIN GONZALES, IV, P.E. P.E. # DATE

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT VS ADJECTIVE 20
US 82 (UNDIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2014 = 3,200
US 82 (DIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL	2036 = 4,400
US 81 (MAINLANE)	55 MPH	MAJOR COLLECTOR	
US 81 (RAMPS)	40 MPH		

0 200 400 600 800 Feet
SCALE: 1" = 1,000'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012

PRELIMINARY - SUBJECT TO CHANGE



LEGEND

ROADWAY

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
- EXISTING PROPERTY LINE
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- DITCH FLOW LINE
- TRAFFIC COUNT YEAR (2036) DHV
- EXIST EASEMENT
- FLOW ARROW
- PROPOSED MAINLANE
- PROPOSED RAMP
- PROPOSED BRIDGE
- PROPOSED LOCAL ROAD
- PROPOSED RAISED ISLAND
- EXISTING PAVEMENT TO REMAIN (2" OVERLAY)
- EXISTING PAVEMENT TO REMAIN
- PAVEMENT TO BE REMOVED
- CURVE NUMBER

UTILITIES

- ELECTRIC POWER
- TELEPHONE PEDESTAL
- ELECTRIC PULL BOX
- ELECTRIC POLE
- WATER METER

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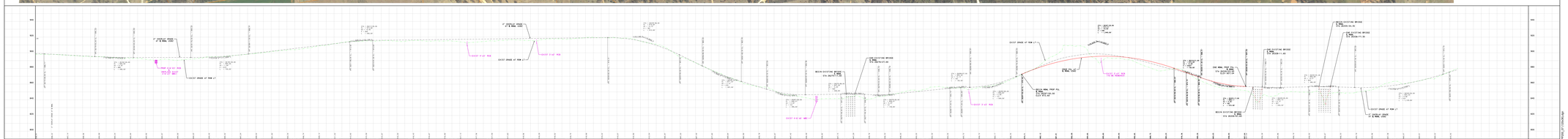
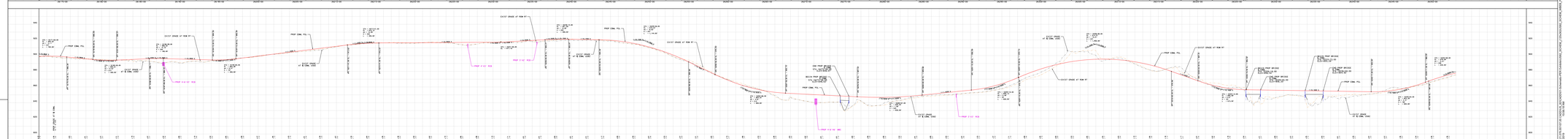




SHEET 7 OF 9

SHEET 7 OF 9

US 82
SCHEMATIC DESIGN

WIDEN FROM 2 TO 4 LANES
CLAY COUNTY & MONTAGUE COUNTY
LIMITS: FROM FM 1197/BRIDGE ST IN HENRIETTA TO SH 175/MONTAGUE ST IN NOCONA
PROJECT LENGTH: 27.43 MILES

Texas Department of Transportation
WICHITA FALLS DISTRICT

DATE: JUNE 10, 2019

INTERIM REVIEW DOCUMENT
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

MARTIN GONZALEZ, IV, P.E.	80603	JUNE 10, 2019
	P.E. #	DATE

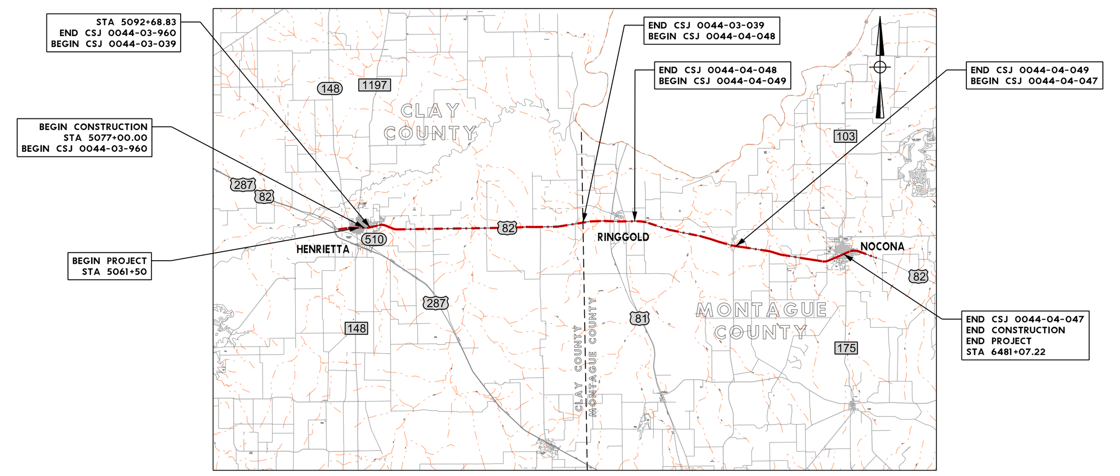
ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS
US 82 (UNDIVIDED SECTION)	55 MPH	PRINCIPAL ARTERIAL
US 82 (DIVIDED SECTION)	60 MPH	PRINCIPAL ARTERIAL
US 81 (MAINLANE)	70 MPH	MAJOR COLLECTOR
US 81 (RAMPS)	40 MPH	

AADT US 82(SECTION 2)	
2016 =	3,200
2036 =	4,400

SCALE: H: 1"= 200'
V: 1"= 20'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012

PRELIMINARY - SUBJECT TO CHANGE



LEGEND

ROADWAY

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
- EXISTING PROPERTY LINE
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- DITCH FLOW LINE
- XX TRAFFIC COUNT YEAR (2036) DHV
- EXIST EASEMENT
- FLOW ARROW
- PROPOSED MAINLANE
- PROPOSED RAMP
- PROPOSED BRIDGE
- PROPOSED LOCAL ROAD
- PROPOSED RAISED ISLAND
- EXISTING PAVEMENT TO REMAIN (2" OVERLAY)
- EXISTING BRIDGE TO REMAIN (2" OVERLAY)
- PAVEMENT TO BE REMOVED
- US82-## CURVE NUMBER

UTILITIES

- ELECTRIC/POWER
- TELEPHONE PEDESTAL
- ELECTRIC PULL BOX
- ELECTRIC POLE
- WATER METER

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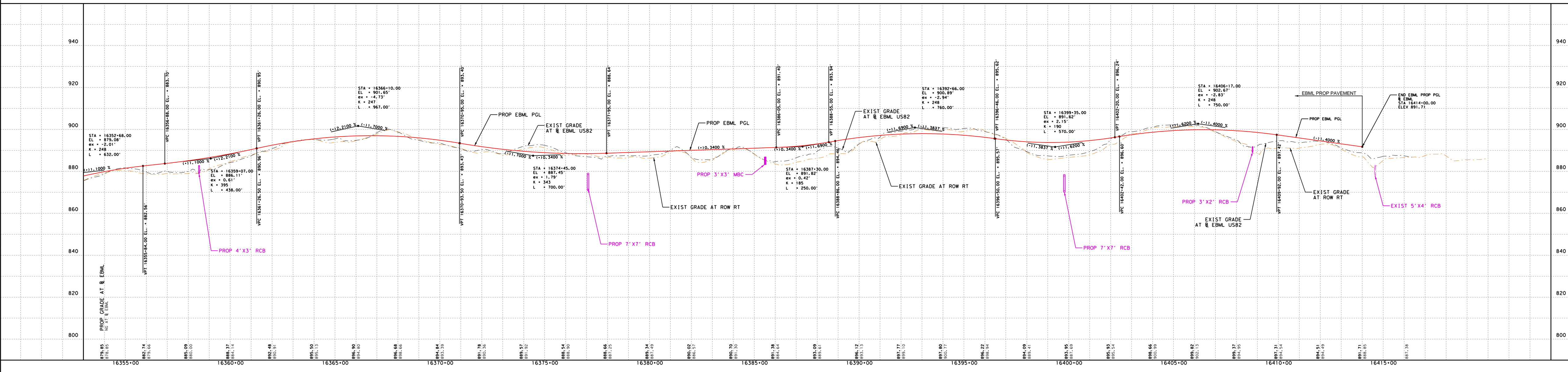

Texas Department of Transportation

US 82
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WIDEN FROM 2 TO 4 LANES
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0 200 400 600 800

SCALE: H: 1"= 200'
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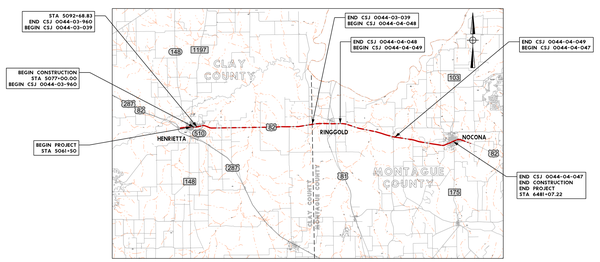
PRELIMINARY - SUBJECT TO CHANGE



LEGEND

ROADWAY

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
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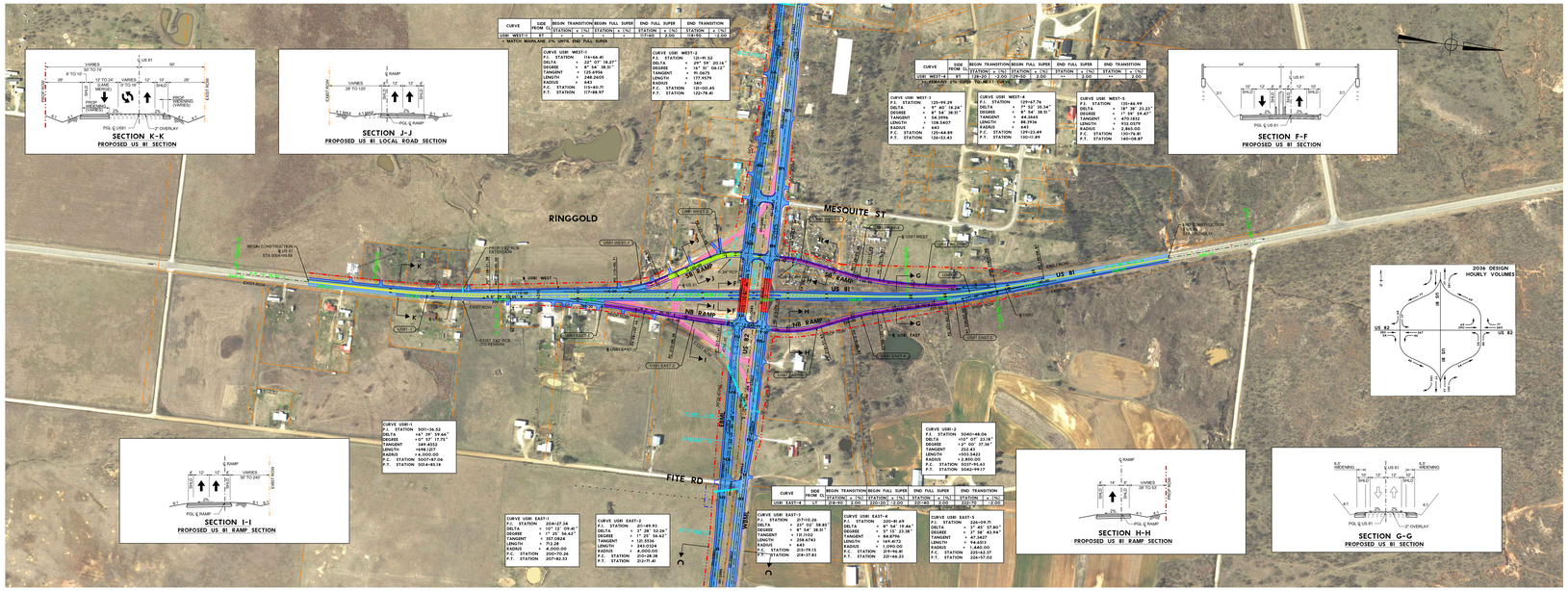
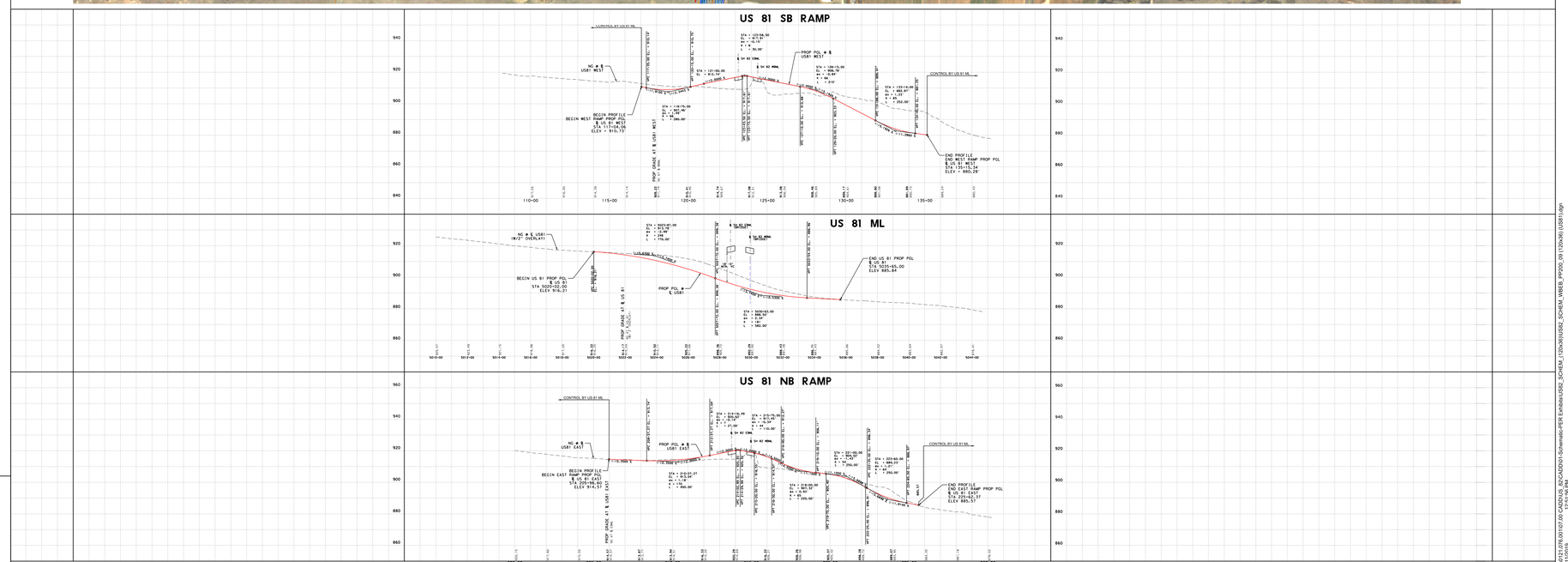
- PROPOSED RAISED ISLAND
- EXISTING PAVEMENT TO REMAIN (2" OVERLAY)
- EXISTING BRIDGE TO REMAIN (2" OVERLAY)
- PAVEMENT TO BE REMOVED
- USBZ-## — CURVE NUMBER

UTILITIES

- ELECTRIC/POWER
- TELEPHONE PEDESTAL
- ELECTRIC PULL BOX
- ELECTRIC POLE
- WATER METER

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