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

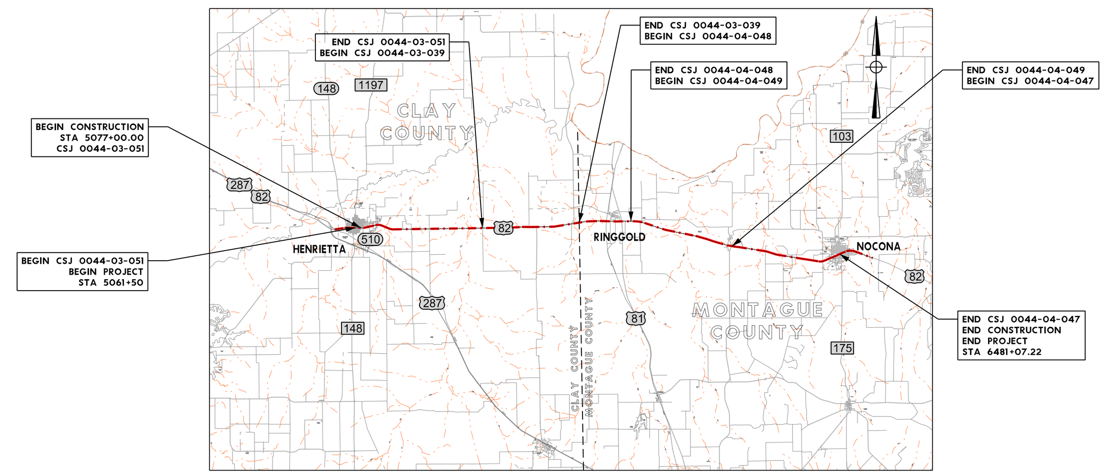
DATE: OCT 14, 2019

STATE OF TEXAS
MARTIN GONZALEZ, VI
80603
REGISTERED PROFESSIONAL ENGINEER
10/14/19

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT US 82 (SPUR 510 TO LEGION ST)
US 82 (SUBURBAN SECTION)	55 MPH	PRINCIPAL ARTERIAL	2016 = 3,200
US 82 (RURAL SECTION)	60 MPH	PRINCIPAL ARTERIAL	2036 = 4,400
US 81 (MAINLANE)	70 MPH	MAJOR COLLECTOR	
US 81 (RAMPS)	40 MPH		

0 200 400 600 800
SCALE: H: 1"= 200'
V: 1"= 20'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012



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 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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SHEET 1 OF 9

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

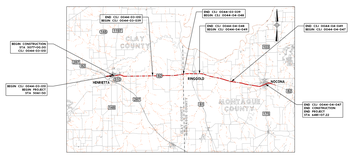
DATE: OCT 14, 2019

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT US 82 (BASED ON 2016 TXDOT DATA)
US 82 (SUBURBAN SECTIONS)	55 MPH	PERIPHERAL ARTERIAL	2016 = 7,200
US 82 (RURAL SECTIONS)	60 MPH	PERIPHERAL ARTERIAL	2036 = 8,400
FM 2393 (BRIDGE ST)	30 MPH	MAJOR COLLECTOR	
US 81 (MAIN ST)	40 MPH		

0 200 400 600 800

SCALE: 1" = 200'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012



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
- 0.0000 CURVE NUMBER

UTILITIES

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

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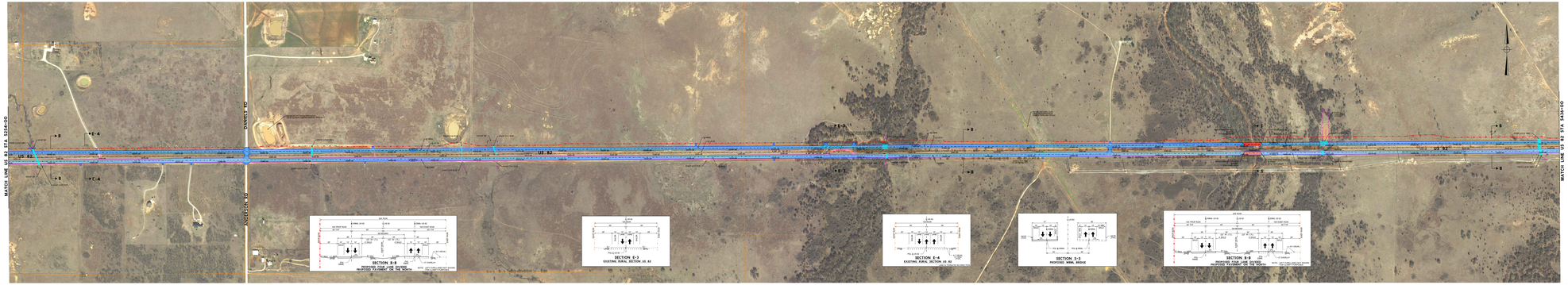
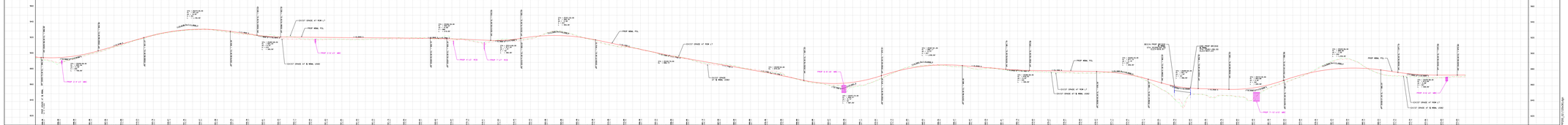
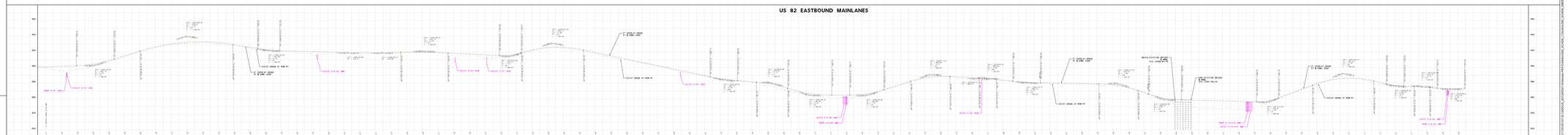


US 82 WESTBOUND MAINLANES



US 82 EASTBOUND MAINLANES



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

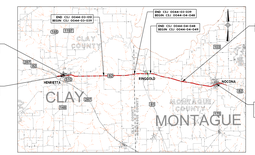
WICHITA FALLS DISTRICT

DATE: OCT 14, 2019

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT US 82 (BRIDGE ST TO MONTAGUE ST)
US 82 (SUBURBAN SECTION)	55 MPH	PRINCIPAL ARTERIAL	2014 = 3,200
US 82 (RURAL SECTION)	60 MPH	PRINCIPAL ARTERIAL	2036 = 4,400
US 82 (BRIDGE ST)	40 MPH	MAJOR COLLECTOR	
US 81 (BRIDGE)	40 MPH		

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

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012



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 AREA TO BE PAVED TO REMAIN
- PAVEMENT TO BE REMOVED
- 0.0000 CURVE NUMBER

UTILITIES

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

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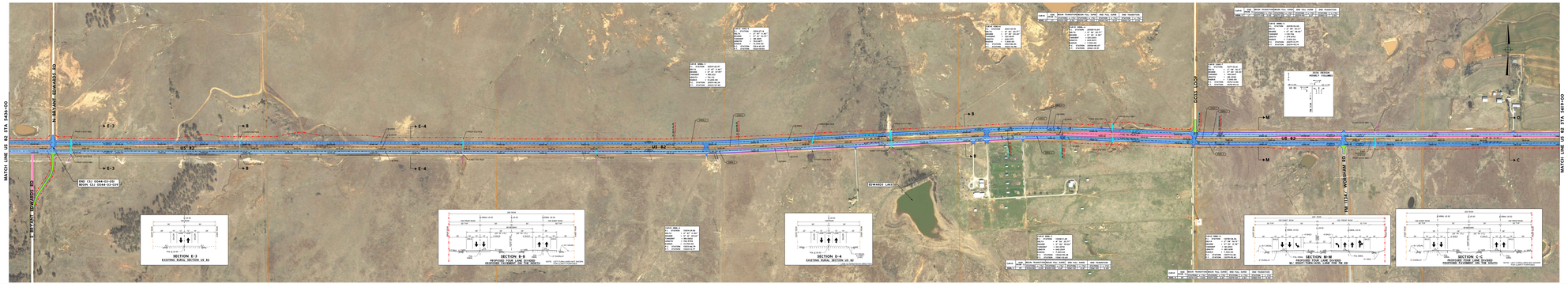
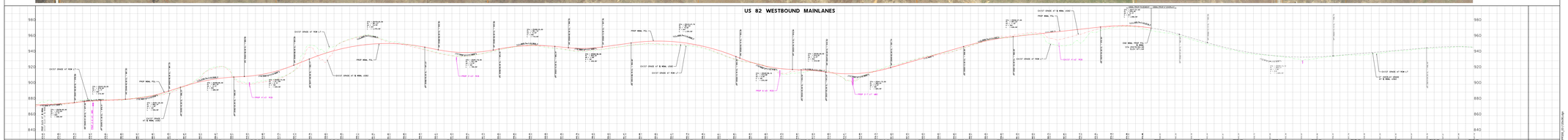
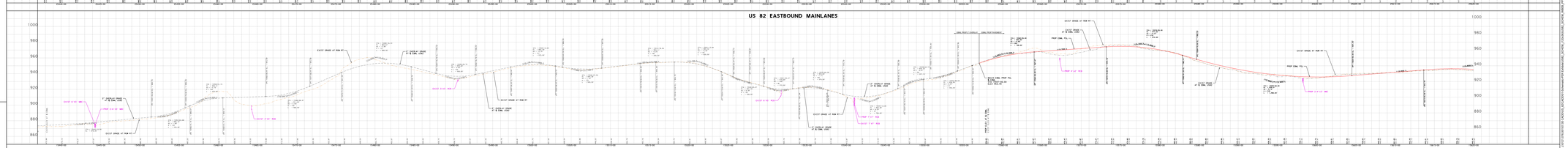






DATA FOR REVIEW PURPOSES ONLY
DATA FOR CONSTRUCTION PURPOSES

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

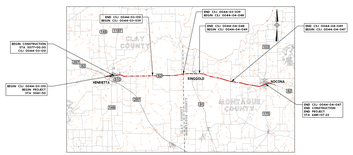
WICHITA FALLS DISTRICT

DATE: OCT 14, 2019

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT US 82 (BRIDGE ST/MONTAGUE ST)
US 82 (SUBURBAN SECTION)	55 MPH	PRINCIPAL ARTERIAL	2014 = 7,200
US 82 (RURAL SECTION)	60 MPH	PRINCIPAL ARTERIAL	2036 = 8,400
FM 1197 (BRIDGE ST)	40 MPH	MAJOR COLLECTOR	
US 81 (KIAMICHI)	40 MPH		

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

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012



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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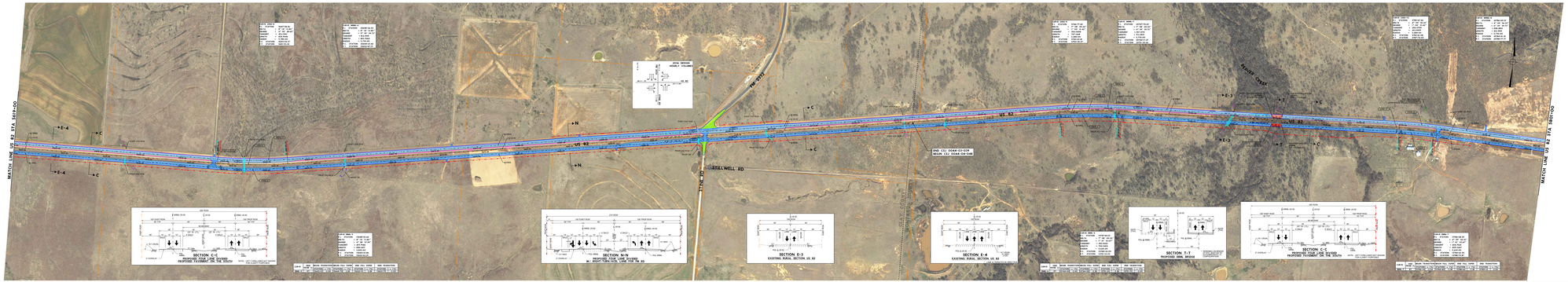
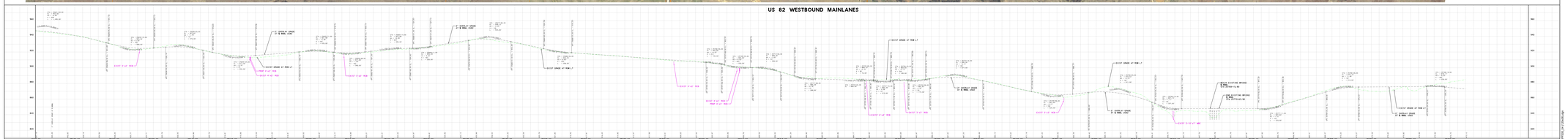
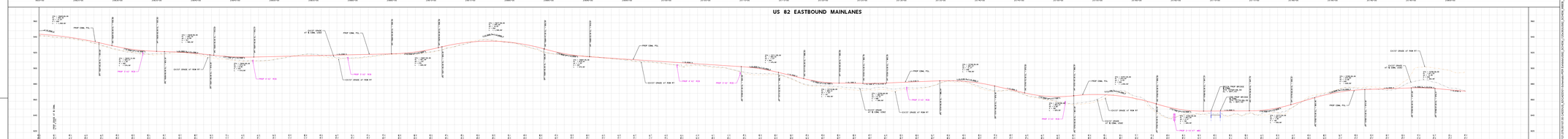






SHEET 4 OF 9

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

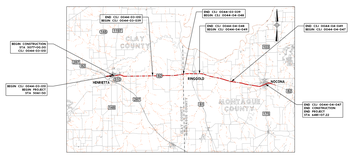
DATE: OCT 14, 2019

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT US 82 (2016 - 2036 ADT BETWEEN 2ND ST)
US 82 (SUBURBAN SECTIONS)	55 MPH	PRINCIPAL ARTERIAL	2016 = 3,200
US 82 (RURAL SECTIONS)	60 MPH	PRINCIPAL ARTERIAL	2036 = 4,400
US 82 (RINGGOLD)	40 MPH	MAJOR COLLECTOR	
US 81 (NOCONA)	40 MPH		

0 200 400 600 800

SCALE: 1" = 200'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012



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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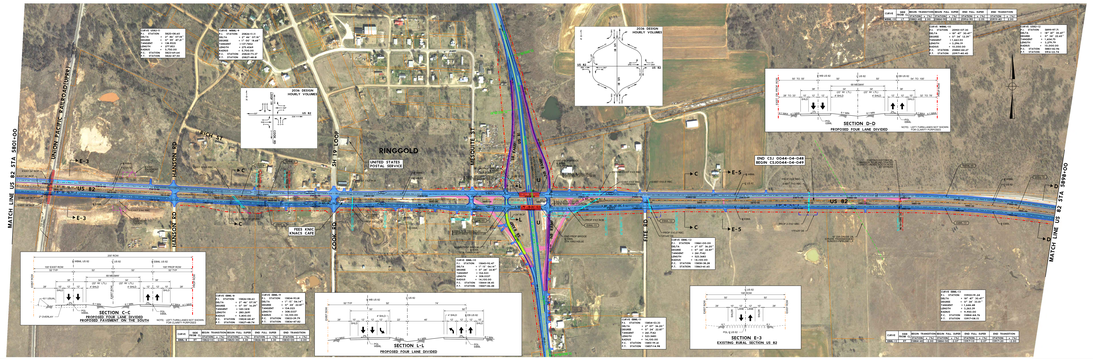
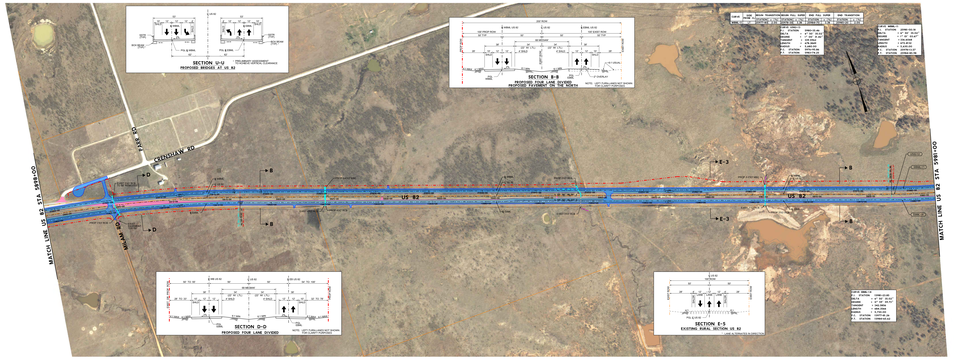
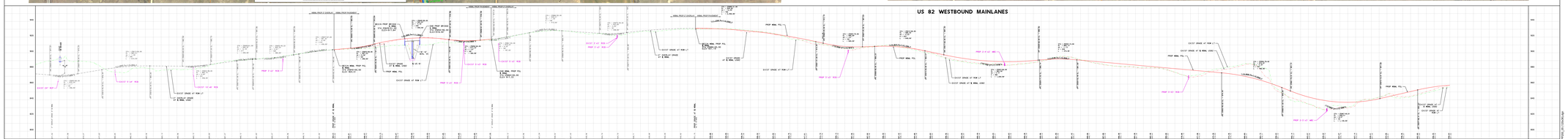
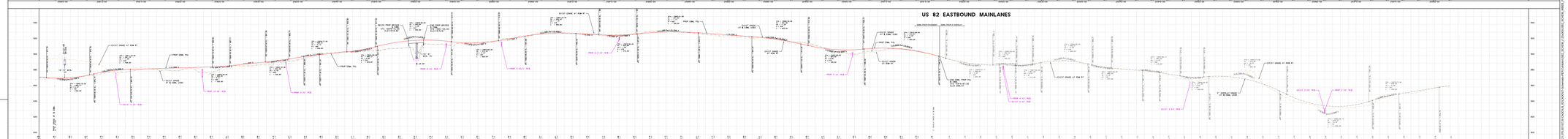








SHEET 5 OF 9

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

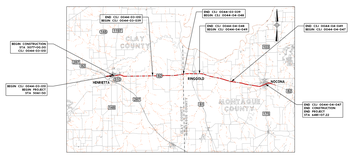
DATE: OCT 14, 2019

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT US 82 (BRIDGE ST TO MONTAGUE ST)
US 82 (RURALIZED SECTIONS)	55 MPH	PERIPHERAL ARTERIAL	2016 = 7,200
US 82 (RURAL SECTIONS)	60 MPH	PERIPHERAL ARTERIAL	2036 = 8,400
US 82 (URBAN SECTIONS)	45 MPH	MAJOR COLLECTOR	
US 82 (BRIDGE)	40 MPH		

0 200 400 600 800

SCALE: 1" = 200'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012



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 PAVEMENT 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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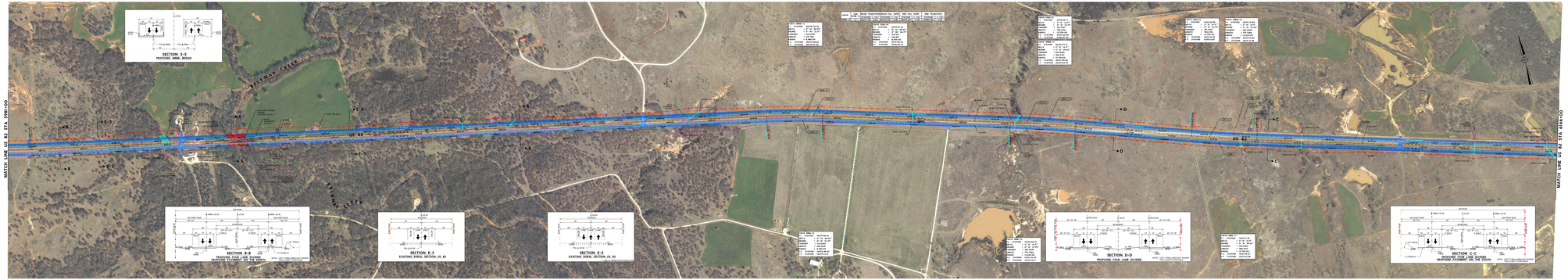

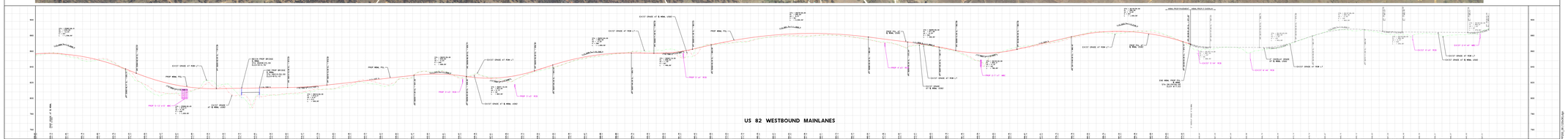

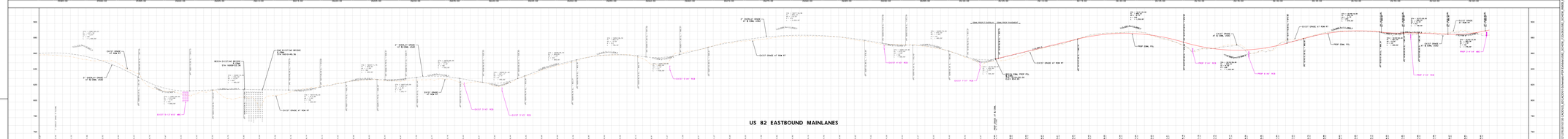

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DPS DGN MODEL: SCHEMATIC
DPS DATE: 10/14/2019 TIME: 4:00 PM
DPS PLOT SCALE: 1:1 PLOT DATE: 10/14/2019

SHEET 6 OF 9

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

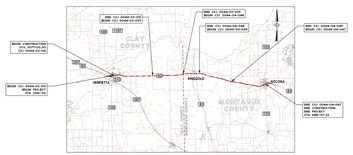
DATE: OCT 14, 2019

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS
US 82 (SUBURBAN SECTIONS)	55 MPH	PERIPHAL ARTERIAL
US 82 (RURAL SECTIONS)	60 MPH	PERIPHAL ARTERIAL
US 82 (BYPASS)	60 MPH	PERIPHAL ARTERIAL
US 81 (BYPASS)	40 MPH	MAJOR COLLECTOR

AADT US 82
(BRIDGE ST TO SH 175/MONTAGUE ST)
2016 = 7,200
2036 = 8,400

0 200 400 600 800
SCALE 1" = 1,000'
1:12,000

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012



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
- 000 CURVE NUMBER

UTILITIES

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

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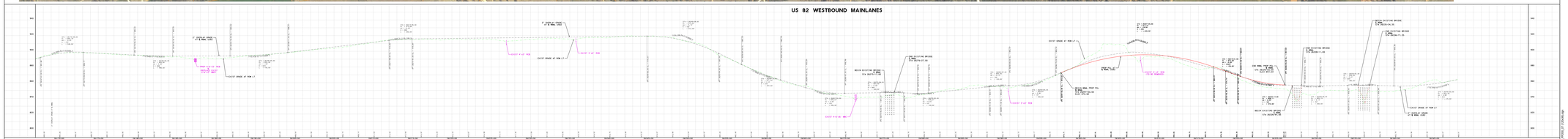
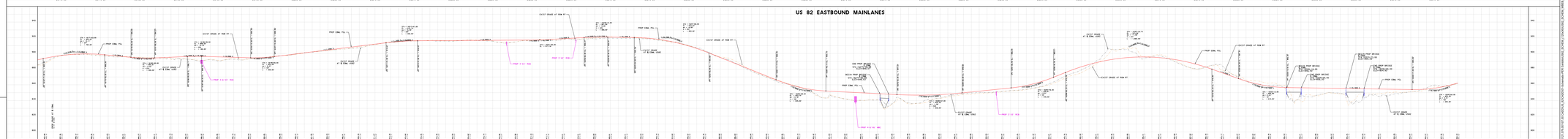
US 82 WESTBOUND MAINLANES



US 82 EASTBOUND MAINLANES



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

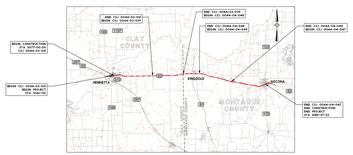
WICHITA FALLS DISTRICT

DATE: OCT 14, 2019

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS	AADT US 82 (2016 FROM FM 1197/BRIDGE ST)
US 82 (SUBURBAN SECTION)	55 MPH	PRINCIPAL ARTERIAL	2016 = 7,200
US 82 (RURAL SECTION)	60 MPH	PRINCIPAL ARTERIAL	2036 = 8,400
FM 1197/BRIDGE ST	30 MPH	MAJOR COLLECTOR	
US 81 (MAIN ST)	40 MPH		

0 200 400 600 800
SCALE 1" = 200'

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012



LEGEND

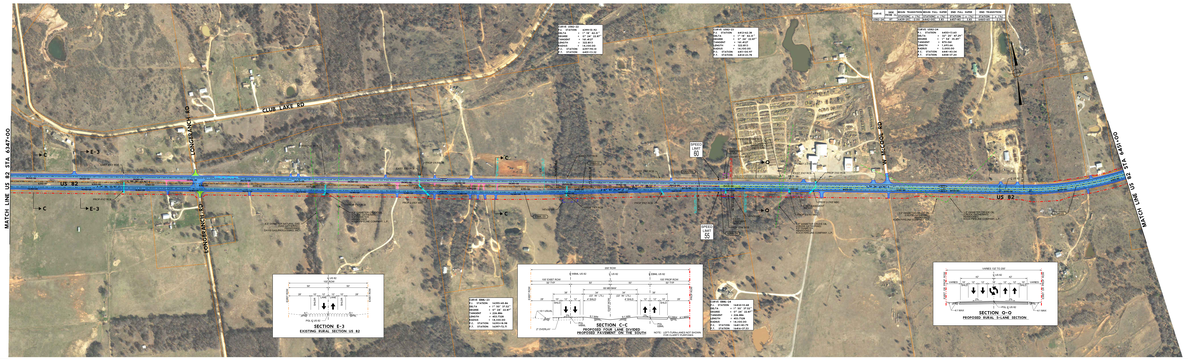
ROADWAY

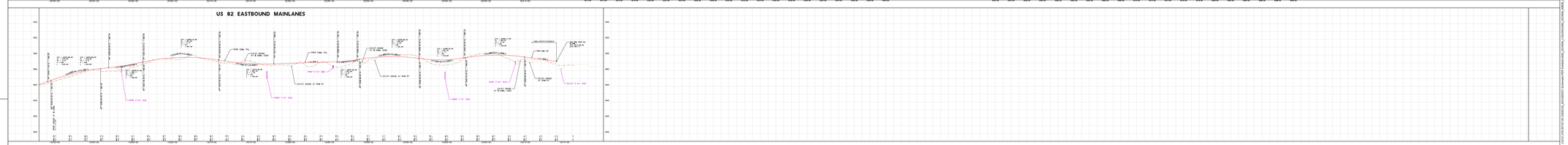
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- EDGE OF PAVEMENT (NON-CURB)
- EDGE OF PAVEMENT (CURB)
- EXISTING ROW
- EXISTING PROPERTY LINE
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- DITCH FLOW LINE
- XX TRAFFIC COUNT YEAR (2036) DHV
- EXIST EASEMENT
- FLOW ARROW
- PROPOSED MAINLINE
- 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

rps
Texas PE Firm Reg. #F-929
575 N. Dairy Ashford, Suite 700, Houston, Texas 77079
T +1 281 589 7257 E usinfrastructure@rpsgroup.com





SHEET 8 OF 9

SHEET 8 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: OCT 14, 2019

STATE OF TEXAS — MARTIN GONZALEZ III — 80603 — LICENSED PROFESSIONAL ENGINEER

10/14/19

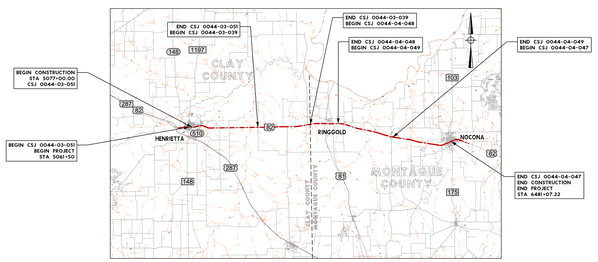
ROADWAY	DESIGN SPEED	FUNCTIONAL CLASS
US 82 (SUBURBAN SECTION)	55 MPH	PRINCIPAL ARTERIAL
US 82 (RURAL SECTION)	60 MPH	PRINCIPAL ARTERIAL
US 81 (MAINLANE)	70 MPH	MAJOR COLLECTOR
US 81 (RAMPS)	40 MPH	

AADT US 82 (SPUR 510 TO LEGION ST)
2016 = 3,200
2036 = 4,400

0 200 400 600 800

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

NOTE: GRID TO SURFACE SCALE FACTOR = 1.00012



LEGEND

ROADWAY

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- EDGE OF PAVEMENT (CURB)
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- PROPOSED RAISED ISLAND
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- EXISTING BRIDGE TO REMAIN (2" OVERLAY)
- PAVEMENT TO BE REMOVED
- USB2## CURVE NUMBER

UTILITIES

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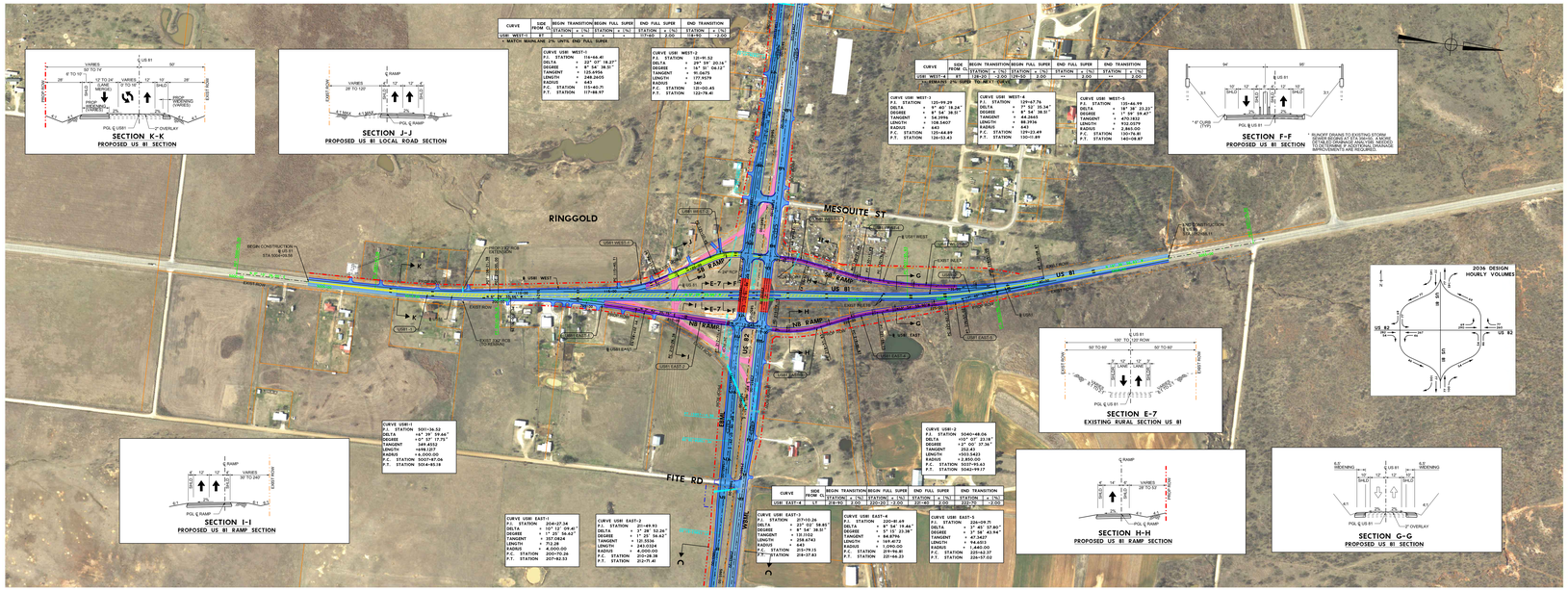
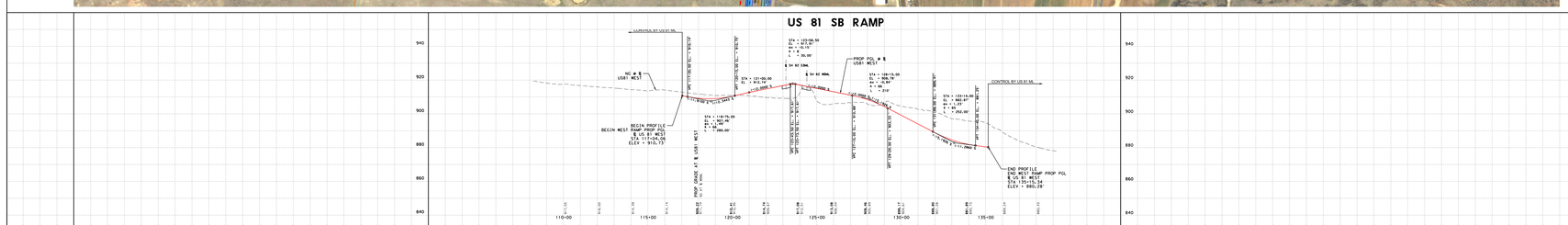
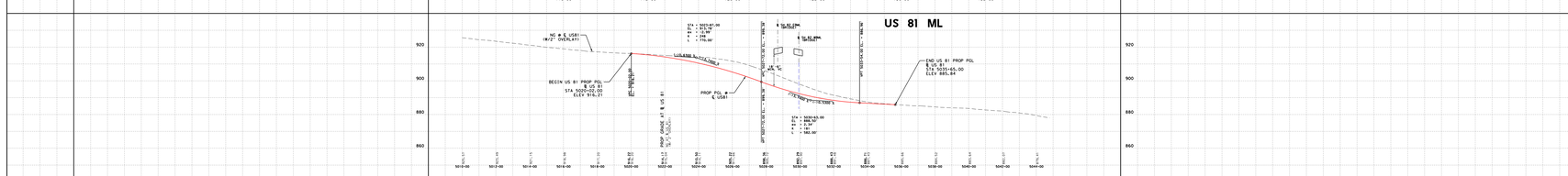
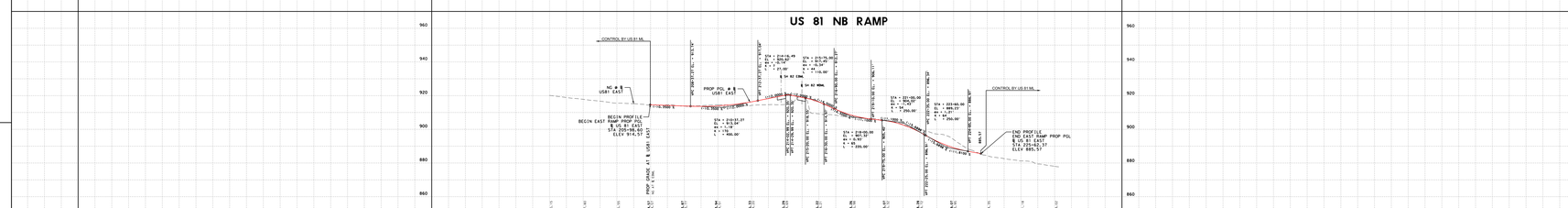
- TELEPHONE PEDESTAL
- ELECTRIC PULL BOX
- ELECTRIC POLE
- WATER METER

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