TEXAS DEPARTMENT OF TRANSPORTATION
SCHEMATIC LAYOUT 60%

FM 3009 - GUADALUPE COUNTY
OFFICE OF THE DISTRICT ENGINEER
SCHERTZ ,TEXAS

CONTROL 3107 SECTION 02 JOB 056
LIMITS:
FROM BORGFELD/ELBEL TO FM 78
NET LENGTH OF PROJECT= 2.153 MILES
NET LENGTH OF BRIDGE= 0.709 MILES

ROLL 1 OF 2

FM 3009:
(FROM BORGFELD/ELBEL TO FM 78 - LENGTH 0.688 MILES)
FUNCTIONAL CLASS = MINOR ARTERIAL
DESIGN SPEED = 45 MPH
e-max = 4 %

PRELIMINARY
SUBJECT TO REVISION

UNNAMED ROAD:
(FROM FM 3009 TO DEITZ CREEK - LENGTH 0.057 MILES)
FUNCTIONAL CLASS = LOCAL STREET
DESIGN SPEED = 25 MPH
e-max = 4 %

FM 3009 CONNECTION:
(FROM FM 78 TO FM 3009 - LENGTH 0.221 MILES)
FUNCTIONAL CLASS = MINOR COLLECTOR
DESIGN SPEED = 30 MPH
e-max = 4 %

SURVEY DATA:NAD83 STATE PLANE TX-SOUTH
CENTERLINE COORDINATES: BEGIN TO END
COMBINED SCALE FACTOR 1.0002

PROJECT LOCATION MAP
SCALE 1" = 1500'

PRELIMINARY
DOCUMENT TO FOR INTERIM REVIEW AND COMMENT ONLY. NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
PROJECT MANAGER: JOSEPH C. WOLFORD
P.E. LICENSE No. 1 (TEXAS)
DATE: 1-JUN-2026

CORRECTS

DATE
CONCURRENCE BY DESIGN DIVISION

DATE
ADVANCED PROJECT DEVELOPMENT DIRECTOR

CONCURRENCE BY F.I.N. M.A.

RECOMMENDED FOR APPROVAL:

DATE
DIRECTOR OF TRANSPORTATION, PLANNING, AND DEVELOPMENT

APPROVED:

DATE
DISTRICT ENGINEER

Texas Department of Transportation
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Kimley»Horn
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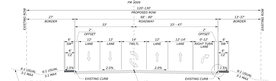
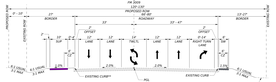
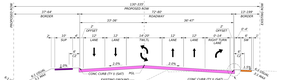
PROPOSED DESIGN STANDARDS FOR ROADWAY: TxDOT RDM NOVEMBER 2024
PROPOSED DESIGN STANDARDS FOR TRAFFIC: TxMUTCD Rev 2, OCTOBER 2014



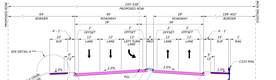
EXISTING FM 3009 TYPICAL SECTION
NORTH AND SOUTH OF EXISTING DEITZ CREEK BRIDGE
* SIDEWALK LOCATION VARIES THROUGHOUT LIMITS OF THE JOB.



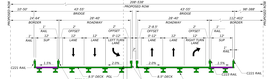
PROPOSED FM 3009 TYPICAL SECTION
BEGIN TO STA 149+25.00
**CONSTRUCT CONC CURB (TY I) (SAT)
STA 147+47.57 TO STA 149+25.00



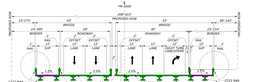
PROPOSED FM 3009 TYPICAL SECTION
STA 149+25.00 TO STA 159+76.19



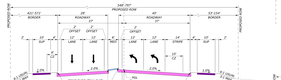
PROPOSED FM 3009 TYPICAL SECTION
STA 159+76.19 TO STA 159+75.34
*** MSE RETAINING WALL
℄ FM 3009 STA 159+27.63 TO 156+75.34



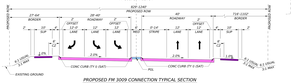
PROPOSED FM 3009 BRIDGE TYPICAL SECTION
STA 156+75.34 TO STA 160+68.77
TX 54 GIRDERS STA 156+75.34 TO STA 160+68.77
STEEL PLATE I-GIRDERS STA 159+20.00 TO STA 160+68.77



PROPOSED FM 3009 BRIDGE TYPICAL SECTION
STA 160+68.77 TO STA 176+98.25
STEEL PLATE I-GIRDERS STA 160+68.77 TO STA 163+97.59
TX 54 I-GIRDERS STA 163+97.59 TO STA 176+98.25
**** CLF-CRO FENCE STA 167+25.46 TO STA 176+98.25

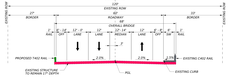


PROPOSED FM 3009 TYPICAL SECTION
STA 176+98.25 TO END

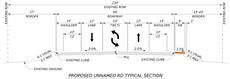


PROPOSED FM 3009 CONNECTION TYPICAL SECTION
STA 3+66.00 TO END

PROPOSED UNNAMED RD TYPICAL SECTION
2+31.39 TO STA 3+49.40

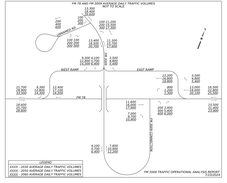


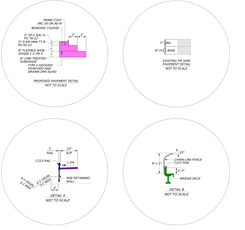
PROPOSED UNNAMED RD SLAB SPAN BRIDGE TYPICAL SECTION
STA 3+49.06 TO STA 3+18.09



PROPOSED UNNAMED RD TYPICAL SECTION
STA 3+19.09 TO END

SUPERELEVATION TABLE						
STATION BEGIN	STATION END	LENGTH (FEET)	RATE (%)	PHASE	DESIGN SPEED (MPH)
2+31.39	2+31.39		2.00%	FULL SUPER	30
2+31.39	2+51.39	20.00	-2.00%	FULL SUPER	
2+51.39	3+31.39	80.00	2.00%	FULL SUPER	
3+31.39	3+51.39	20.00	-2.00%	FULL SUPER	





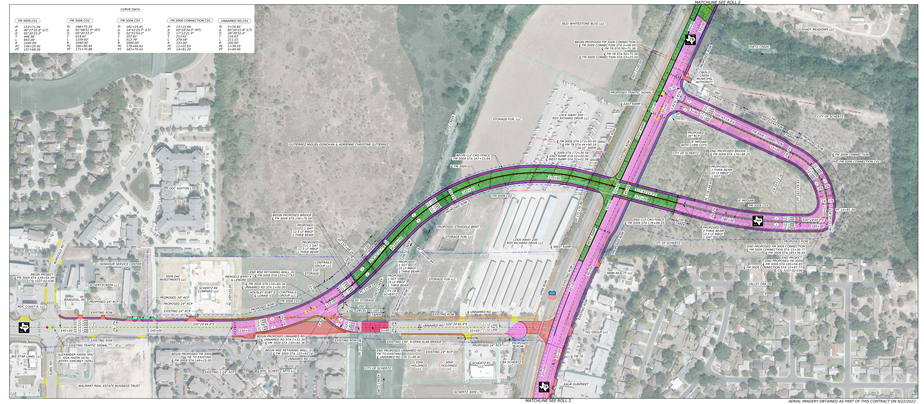
CROSS SLOPE
SIGN CONVENTION

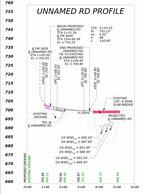
SCHEMATIC LEGEND

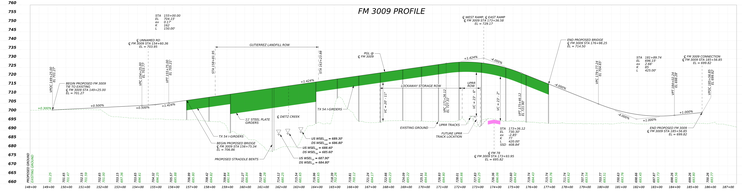
- EXISTING ROAD TO REMAIN
- PROPOSED ROAD
- PROPOSED MEDIAN
- PROPOSED SHARED-USED PATH
- PROPOSED BRIDGE
- EXISTING BRIDGE
- EXISTING PAVEMENT TO BE REMOVED
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING STRUCTURE TO REMAIN
- PROPOSED DRIVEWAY
- EXISTING DRIVEWAY TO REMAIN
- PROPOSED DRIVEWAY
- PROPOSED REPAIR
- 100 YR FLOODPLAIN
- BRIDGE BENT
- TRAFFIC FLOW ARROW
- EXISTING TRAFFIC FLOW ARROW
- EXISTING ROW
- PROPOSED ROW
- EXISTING ROW
- PROPOSED ROW
- EASEMENT
- DRIVEWAY EASEMENT
- EXISTING DRAINAGE
- PROPOSED DRAINAGE
- DITCH FLOW LINE
- PROPOSED RETAINING WALL
- PROPOSED BARRIER
- SIGNALIZED INTERSECTION
- CONTROL OF ACCESS
- NUMBER OF LANES

UTILITY LEGEND
COMMUNICATION

AT&T OPTICAL	
AT&T LOCAL	
SPECTRUM	
ELEC	
ELECTRIC	
HIGHWAY LIGHT SYSTEM	
TRAFFIC SIGNAL	
GAS PIPELINE	
CENTERPOINT ENERGY	
WATER TRANSMISSION/DISTRIBUTION	
CITY OF SCHERTZ WATER	
CITY OF SCHERTZ SEWER	
PRIVATE WATER	
SCHERTZ SEWER CONNECTION	
SEWER CONNECTION	
SEWER	
STORM SEWER	






FM 3009 PROFILE
760
755
750
745
740
735
730
725
720
715
710
705
700
695
690
685
680
675
670
665
660
EXISTING GROUND
℄ FM 3009
BEGIN PROPOSED FM 3009
℄ FM 3009 STA 139+00.00
EL = 702.27
END PROPOSED FM 3009
℄ FM 3009 STA 159+76.19
EL = 699.62
℄ EAST BOUND
℄ WEST BOUND
EXISTING GROUND
℄ FM 3009
PROPOSED GRADE
℄ FM 3009
℄ EAST BOUND
℄ WEST BOUND

TEXAS DEPARTMENT OF TRANSPORTATION
SCHEMATIC LAYOUT 60%

FM 3009 - GUADALUPE COUNTY
OFFICE OF THE DISTRICT ENGINEER
SCHERTZ ,TEXAS

CONTROL: 3107 SECTION: 02 JOB: 056
LIMITS:
FROM BORGFELD/ELBEL TO FM 78
NET LENGTH OF PROJECT= 2.153 MILES
NET LENGTH OF BRIDGE= 0.709 MILES

ROLL 2 OF 2

FM 78:
(FROM RIVER RD TO N OF SHADY MEADOWS LANE - LENGTH 0.802 MILES)
FUNCTIONAL CLASS = PRINCIPAL ARTERIAL
DESIGN SPEED = 45MPH
e-max = 4 %

PRELIMINARY
SUBJECT TO REVISION

WEST RAMP:
(FROM CLOVERLEAF RD TO FM 3009 - LENGTH 0.161 MILES)
FUNCTIONAL CLASS = RAMP
DESIGN SPEED = 40 MPH
e-max = 4 %

EAST RAMP:
(FROM FM 3009 TO SHADY MEADOWS LANE- LENGTH 0.223 MILES)
FUNCTIONAL CLASS = RAMP
DESIGN SPEED = 40 MPH
e-max = 4 %

SURVEY DATA:NAD83 STATE PLANE TX-SOUTH
CENTERLINE COORDINATES:NAD83 SURFACE DIST & BEND
COMBINED SCALE FACTOR 1.0002

PROJECT LOCATION MAP
SCALE 1" = 10MI

PRELIMINARY
DOCUMENT IS FOR INTERIM REVIEW AND COORDINATION PURPOSES ONLY. IT IS NOT FOR CONSTRUCTION, BIDDING, OR RECORDING PURPOSES.
PROJECT: (CSJ) ( ), WILSON
P.E. SERIAL No.( ) (TBPE)
DATE: (24-DEC)

CONCURRENCE BY DESIGN DIVISION — DATE
CONCURRENCE BY F.I.N. M.A. — DATE
CORRECT: — DATE
ADVANCED PROJECT DEVELOPMENT DIRECTOR — DATE
RECOMMENDED FOR APPROVAL: — DATE
DIRECTOR OF TRANSPORTATION, PLANNING, AND DEVELOPMENT — DATE
APPROVED: — DATE
DISTRICT ENGINEER

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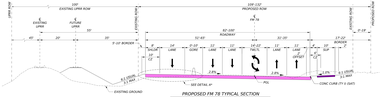
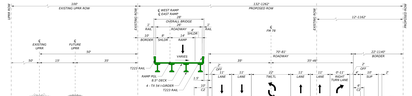
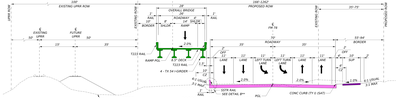
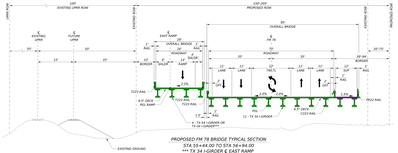
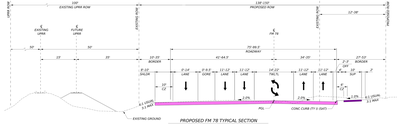
PROPOSED DESIGN STANDARDS FOR ROADWAY= TxDOT RDM NOVEMBER 2024
PROPOSED DESIGN STANDARDS FOR TRAFFIC= TxMUTCD Rev 2, OCTOBER 2024

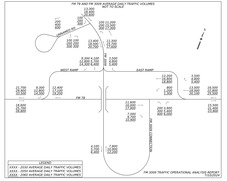












0' 100' 200'
HORIZONTAL SCALE

0' 10' 20'
VERTICAL SCALE

SCHEMATIC LEGEND

- EXISTING ROAD TO REMAIN
- PROPOSED ROAD
- PROPOSED MEDIAN
- PROPOSED DIAMOND LOGO PATH
- PROPOSED BRIDGE
- EXISTING BRIDGE
- EXISTING PAVEMENT TO BE REMOVED
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING SIDEWALK TO REMAIN
- PROPOSED SIDEWALK
- EXISTING DRIVEWAY TO REMAIN
- PROPOSED DRIVEWAY
- PROPOSED RIPRAP
- 2300 FM FLOODPLAIN
- BRIDGE BENT
- TRAFFIC FLOW ARROW
- EXISTING TRAFFIC FLOW ARROW
- EXISTING ROW
- PROPOSED ROW
- ORIGINAL ROW
- DRAINAGE EASEMENT
- EXISTING DRAINAGE
- PROPOSED DRAINAGE
- DITCH FLOW LINE
- PROPOSED RETAINING WALL
- PROPOSED BARRIER
- SIGNALIZED INTERSECTION
- CONTROL OF ACCESS
- NUMBER OF LANES

UTILITY LEGEND
COMMUNICATION

AT&T
CENTURYLINK
MCI LINDSAY
SPECTRUM
ZAYO
EXISTING
WARRENTON VALLEY WATER DISTRICT
TRAFFIC SIGNAL
CITY OF SCHERTZ FIBER
CITY OF SCHERTZ FIBER
CITY OF SCHERTZ SEWER
CITY OF SCHERTZ WATER
CITY OF SCHERTZ WATER
CITY OF SCHERTZ WAT