Texas Department of Transportation

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WACO DISTRICT

STANLEY SWIATEK, P.E.
DISTRICT ENGINEER

US 281 HAMILTON TRUCK/RELIEF ROUTE DESIGN SCHEMATIC

HAMILTON COUNTY

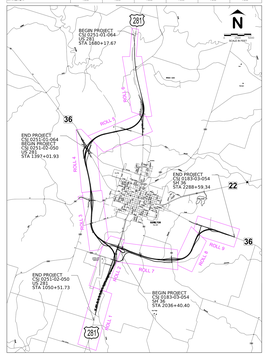
US 281
CSJ : 0251-01-064
FROM 1.25 MILES NORTH OF CR 203 (LEON RIVER)
TO 0.5 MILE NORTH OF
PROJECT LENGTH 5.36 MILES

CSJ : 0251-02-050
FROM SH36 TO CR 309
PROJECT LENGTH 0.56 MILES

SH 36
CSJ : 0183-03-054
FROM US 281 TO SH 36
PROJECT LENGTH 4.78 MILES

ROADWAY TYPE	FUNCTIONAL CLASS	DESIGN SPEED
US 281 RELIEF ROUTE	RURAL FREEWAY	75 MPH
SH 36 RELIEF ROUTE	RURAL FREEWAY	75 MPH
US 281 CENTRAL PURPOSE LANES	PRINCIPAL ARTERIAL	70 MPH
SH 36 SPUR	PRINCIPAL ARTERIAL	70 MPH
DIRECT CONNECTORS	PRINCIPAL ARTERIAL	50 MPH
RAMPS	PRINCIPAL ARTERIAL	50 MPH*
*LOOPEXIT	PRINCIPAL ARTERIAL	30 MPH
*LOOPENT	PRINCIPAL ARTERIAL	30 MPH
*BUS281SLOOP	PRINCIPAL ARTERIAL	30 MPH
CR 101	RURAL MINOR COLLECTOR	60 MPH
CR 102	RURAL MINOR COLLECTOR	50 MPH
CR 203	RURAL COLLECTOR	30 MPH
CR 401	RURAL COLLECTOR	30 MPH
BUSINESS LANE	RURAL MINOR COLLECTOR	30 MPH
FRONTAGE ROAD	RURAL COLLECTOR	40 MPH
FM 218	RURAL MAJOR COLLECTOR	40 MPH
FM 932	RURAL MAJOR COLLECTOR	60 MPH
FM 1241	RURAL MINOR COLLECTOR	45 MPH
FM 2005	RURAL MAJOR COLLECTOR	30 MPH
FM 3302	RURAL MINOR COLLECTOR	40 MPH
LOCAL ROADS	LOCAL ROAD	25 MPH
BACKING ROADS	LOCAL ROAD	20 MPH

TRAFFIC VOLUMES BASED ON: 2024 AADT ESTIMATES AVAILABLE ON TEXAS TRANSPORTAL (WHERE DIVIDED)	US 281 FROM 1.25 MILES NORTH OF CR 203 (LEON RIVER) TO 0.5 MILE NORTH OF BUSINESS NORTH	US 281 RELIEF ROUTE FROM 0.5 MILE NORTH OF BUSINESS NORTH TO JCT SH 36 WEST	US 281 RELIEF ROUTE FROM JCT SH 36 WEST TO JCT SH 36 WEST BUSINESS SOUTH	US 281 FROM BUSINESS SOUTH TO PROJECT LENGTH	SH 36 RELIEF ROUTE FROM JCT SH 36 WEST TO JCT SH 36 EAST	SH 36 SPUR FROM JCT SH 36 WEST TO JCT SH 36 EAST
AVERAGE DAILY TRAFFIC (ADT) (BOTH DIRECTIONS)	5,800 (7.8%)	3,000 (4.25%)	4,200 (5.75%)	5,800 (7.8%)	2,900 (3.85%)	950 (1.35%)
AVERAGE DAILY TRAFFIC (ADT) (DIVIDED BY DIRECTION)	N/A	N/A	N/A	N/A	1,350 (1.45%)	N/A
DIRECTIONAL DISTRIBUTION	54%	54%	54%	54%	54%	54%
PERCENT TRUCKS OF ADT	19.0%	33.0%	42.0%	19.0%	19.0%	19.0%
K FACTOR	16.8	16.8	16.8	16.8	16.8	16.8



PROJECT LOCATION MAP/KEY MAP

INDEX OF ROLLS

ROLL 1 OF 11 PLAN & PROFILE US 281 - BEGIN OF PROJECT TO STA 1110+00
ROLL 2 OF 11 PLAN & PROFILE US 281 - STA 1110+00 TO STA 1210+00; SH 36 BEGIN OF PROJECT TO STA 2034+00
ROLL 3 OF 11 PLAN & PROFILE US 281 - STA 1210+00 TO STA 1318+00
ROLL 4 OF 11 PLAN & PROFILE US 281 - STA 1318+00 TO STA 1418+00
ROLL 5 OF 11 PLAN & PROFILE US 281 - STA 1418+00 TO STA 1520+00
ROLL 6 OF 11 PLAN & PROFILE US 281 - STA 1520+00 TO END OF PROJECT
ROLL 7 OF 11 PLAN & PROFILE SH 36 - STA 2034+00 TO STA 2150+00
ROLL 8 OF 11 PLAN & PROFILE SH 36 - STA 2150+00 TO STA 2219+00
ROLL 9 OF 11 PLAN & PROFILE SH 36 - STA 2219+00 TO END OF PROJECT
ROLL 10 OF 11 PROPOSED FRONTAGES
ROLL 11 OF 11 TRAFFIC DIAGRAM

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FEBRUARY 12, 2026

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

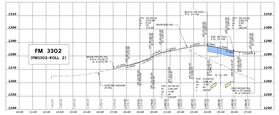
CHAD HENDERSON, P.E.
TX PE LICENSE NO. 91723

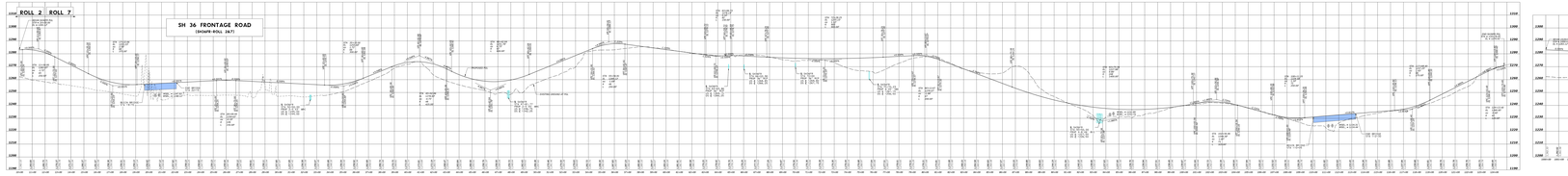
Bartlett&West
TBPE FIRM REG. F-439

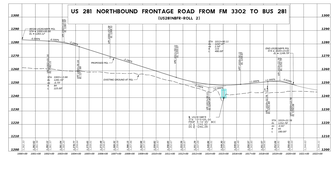
PRELIMINARY

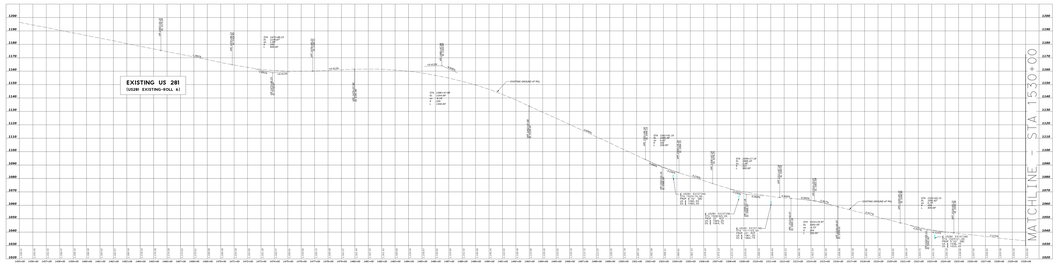
AVAILABLE INFORMATION ONLY. RECOMMENDED CONCEPTS ARE PRELIMINARY AND SUBJECT TO CHANGE.

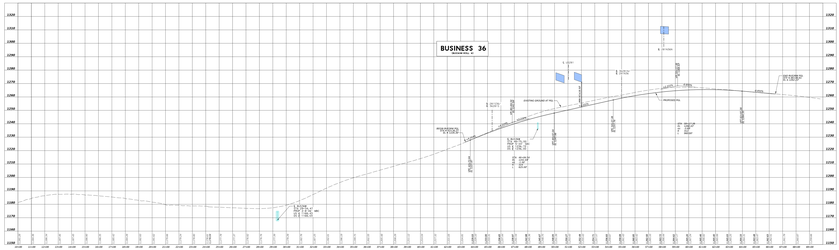
TIMOTHY M. BRADDY, P.E.
TX PE LICENSE NO. 94828

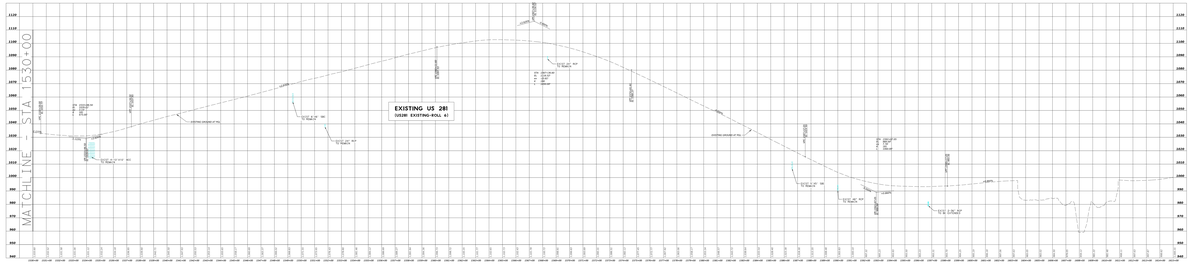


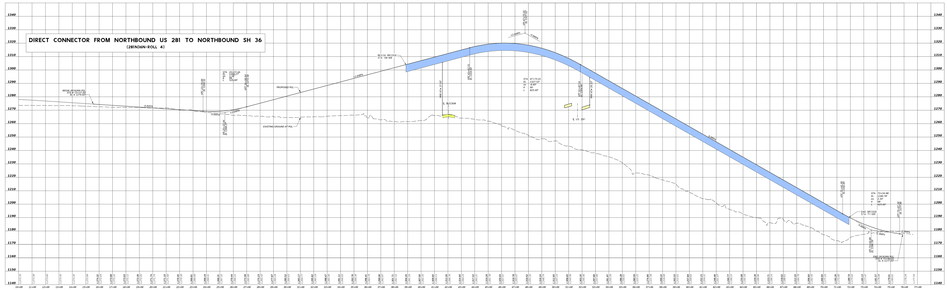


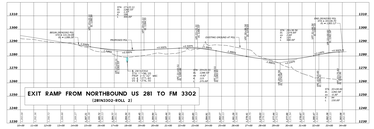


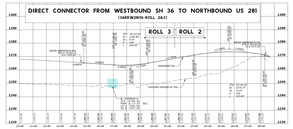


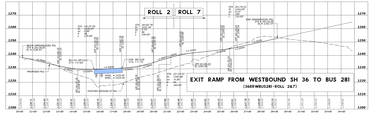


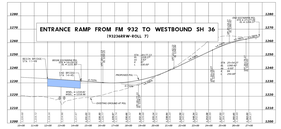


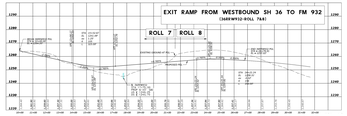












Texas Department of Transportation

COUNTY : HAMILTON
DATE : 2/12/2026

ROLL 10 OF 11

US 281/SH 36 HAMILTON TRUCK/RELIEF ROUTE PROJECT

Bartlett&West