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

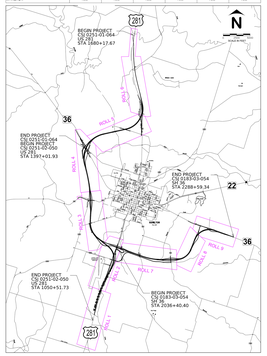
US 281
CSJ : 0251-01-064
FROM 1.25 MILES NORTH OF CR 203 (LEON RIVER)
TO 0.25 MILE SOUTH OF SH 36
PROJECT LENGTH 5.36 MILES

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

CSJ : 0251-02-050
FROM SH36 TO CR 309
PROJECT LENGTH 0.56 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 / SH 36 MULTI PURPOSE LANES	PRINCIPAL ARTERIAL	70 MPH
SH 36 SPUR	PRINCIPAL ARTERIAL	70 MPH
DIRECT CONNECTORS	PRINCIPAL ARTERIAL	50 MPH
RAMPS	PRINCIPAL ARTERIAL	50 MPH*
"L-OOPEXIT"	PRINCIPAL ARTERIAL	30 MPH
"L-OOPENT"	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
FM 2005 TURN LANE	RURAL MINOR COLLECTOR	45 MPH
FRONTAGE ROAD	RURAL COLLECTOR	30 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	20 MPH
BACKING ROADS	LOCAL ROAD	20 MPH

TRAFFIC VOLUMES BASED ON AVERAGE DAILY TRAFFIC (ADT) AND TURNING MOVEMENTS (PER DIRECTION)	US 281 FROM 1.25 MILES NORTH OF ACT SH 36 (HAMILTON) TO ACT SH 36 BUSINESS NORTH	US 281 RELIEF ROUTE FROM ACT SH 36 (HAMILTON) TO ACT SH 36 WEST	US 281 RELIEF ROUTE FROM ACT SH 36 WEST TO ACT SH 36 BUSINESS SOUTH	US 281 FROM ACT SH 36 BUSINESS SOUTH TO PROJECT LIMITS	SH 36 RELIEF ROUTE FROM ACT SH 36 WEST TO ACT SH 36 EAST	SH 36 SPUR FROM ACT SH 36 EAST TO ACT SH 36 BUSINESS SOUTH
AVERAGE DAILY TRAFFIC (ADT) 2035 (VEH/DAY)	5,800 (7,800)	3,000 (4,200)	4,200 (5,700)	5,800 (7,800)	2,900 (3,900)	900 (1,300)
AVERAGE DAILY TRAFFIC (ADT) 2055 (VEH/DAY) (PROJECTED)	N/A	N/A	N/A	N/A	1,050 (1,400)	N/A
DIRECTIONAL DISTRIBUTION	54%	54%	54%	54%	57%	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 1316+00
ROLL 4 OF 11 PLAN & PROFILE US 281 - STA 1316+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 PROFILES
ROLL 11 OF 11 TRAFFIC DIAGRAM

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

Bartlett & West
TEXAS (BWTX), INC.

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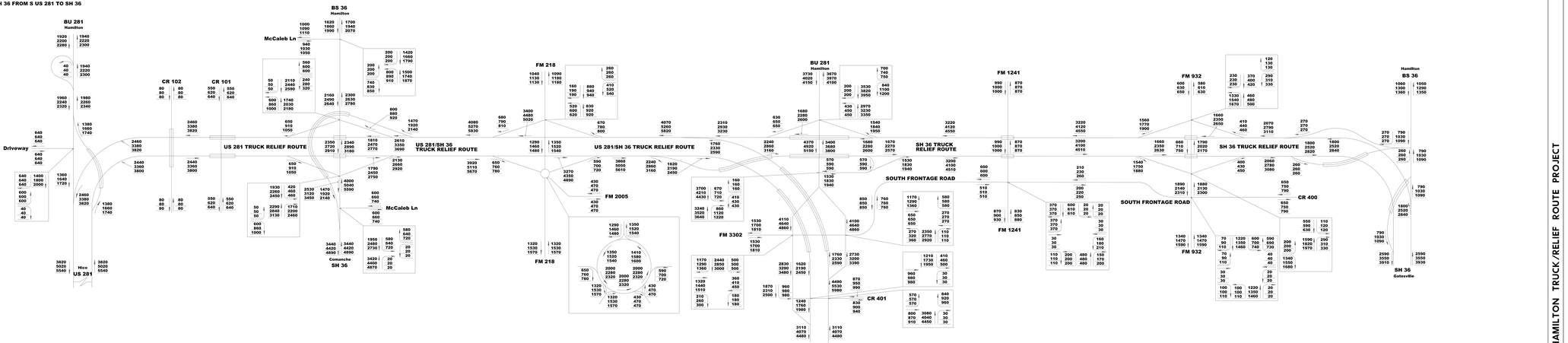
SOURCE: US 281 WIDENING PROJECT AND HAMILTON TRUCK/RELIEF ROUTE TRAFFIC FORECAST REPORT (AUGUST 29, 2025)

2035, 2055 AND 2065 ANTICIPATED AVERAGE DAILY TRAFFIC (ADT) VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG

US 281 FROM N US 281 TO S US 281 AND FROM SH 36 FROM S US 281 TO SH 36



Texas Department of Transportation

COUNTY - HAMILTON
DATE - 2/12/2026

ROLL 11 OF 11

US 281/SH 36 HAMILTON TRUCK/RELIEF ROUTE PROJECT

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