Texas Department of Transportation

WACO DISTRICT

STANLEY SWIATEK, P.E.
DISTRICT ENGINEER

HAMILTON TRUCK/RELIEF ROUTE DESIGN SCHEMATIC

HAMILTON COUNTY

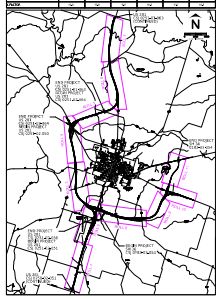
US 281
CSJ: 0025-04-064
BRIDGE OR BOX TO BE 3 LANES
PROJECT LENGTH: 0.08 MILES

SH 36
CSJ: 0188-03-034
ROLL AHEAD OF US 281
PROJECT LENGTH: 0.08 MILES

CSJ: 0025-04-065
FROM RAGO ST TO SH 36
PROJECT LENGTH: 0.08 MILES

PROJECT ALIGNMENT	FUNCTIONAL CLASS	DESIGN SPEED
US 281	RURAL PRINCIPAL	75 MPH
SH 36 REGULAR ROUTE	RURAL PRINCIPAL	75 MPH
US 281 GENERAL PURPOSE LANES	PRINCIPAL ARTERIAL	70 MPH
SH 36 SPUR	PRINCIPAL ARTERIAL	70 MPH
SH 22	PRINCIPAL ARTERIAL	60 MPH
CONNECTORS	PRINCIPAL ARTERIAL	55 MPH
RAMPS	PRINCIPAL ARTERIAL	50 MPH
CR 102	RURAL COLLECTOR	40 MPH
CR 102	RURAL COLLECTOR	40 MPH
FRONTAGE ROAD	RURAL COLLECTOR	40 MPH
FM 219	LOCAL ROAD	40 MPH
FM 1244	LOCAL ROAD	40 MPH
FM 2193	LOCAL ROAD	40 MPH
FM 2605	LOCAL ROAD	40 MPH
FM 2862	LOCAL ROAD	40 MPH

DESIGN ELEMENT	US 281 MAINLANES (SH 36 REGULAR ROUTE)	US 281 RAMPS	US 281 CONNECTORS	SH 36 MAINLANES (US 281 SPUR)	SH 36 RAMPS	SH 36 CONNECTORS
DESIGN SPEED	70 MPH	50 MPH	55 MPH	70 MPH	50 MPH	55 MPH
LANE WIDTH	12'	12'	12'	12'	12'	12'
SHOULDER WIDTH (OUTSIDE)	10'	10'	10'	10'	10'	10'
SHOULDER WIDTH (INSIDE)	10'	10'	10'	10'	10'	10'
MEDIAN WIDTH (MIN)	60'	60'	60'	60'	60'	60'
GRADE	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%



PROJECT LOCATION MAPKEY MAP

INDEX OF ROLLS

ROLL 1 OF 11 PLANS PROFILE 1.10.120 = STA 1+00+00 TO STA 1+10+00
ROLL 2 OF 11 PLANS PROFILE 1.10.120 = STA 1+10+00 TO STA 2+20+00 (SH 36 BEGIN TO STA 2+20+00)
ROLL 3 OF 11 PLANS PROFILE 1.10.120 = STA 2+20+00 TO STA 3+30+00
ROLL 4 OF 11 PLANS PROFILE 1.10.120 = STA 3+30+00 TO STA 4+40+00
ROLL 5 OF 11 PLANS PROFILE 1.10.120 = STA 4+40+00 TO STA 5+50+00
ROLL 6 OF 11 PLANS PROFILE 1.10.120 = STA 5+50+00 TO STA 6+60+00
ROLL 7 OF 11 PLANS PROFILE 1.10.120 = STA 6+60+00 TO STA 7+70+00
ROLL 8 OF 11 PLANS PROFILE 1.10.120 = STA 7+70+00 TO STA 8+80+00
ROLL 9 OF 11 PLANS PROFILE 1.10.120 = STA 8+80+00 TO STA 9+90+00
ROLL 10 OF 11 PLANS PROFILE 1.10.120 = STA 9+90+00 TO STA 11+00+00
ROLL 11 OF 11 PLANS PROFILE 1.10.120 = STA 11+00+00 TO SH 36 SPUR (SUBH 10 0 A 3820+00)

Bartlett & West

PRELIMINARY

LEGEND

PROPOSED RAILWAYS
PROPOSED FRONTAGE ROADS
PROPOSED & EXISTING RAILROADS WYE
PROPOSED RAMPS
PROPOSED & EXISTING CONNECTORS
PROPOSED CROSSWALKS
PROPOSED CURBS
PROPOSED & EXISTING TO REMAIN
EXISTING PAVEMENT TO BE REMOVED
PROPERTY LINE (APPROXIMATE)
EXISTING RIGHT-OF-WAY (TYP)
PROPOSED RIGHT-OF-WAY (TYP)
EXISTING CONTROL POINTS
CITY LIMITS
EASEMENTS
EXISTING TREE LINES
EXISTING OVERHEAD STRUCTURES
PROPOSED OVERHEAD STRUCTURES
PROPOSED DIRECTIONAL OF TRAFFIC
EXISTING DIRECTION OF TRAFFIC
FLOW LINE (ARTERIAL CULVERT)
FLOW TYPE
POTENTIAL DISPLACEMENT
CEMETERY
HISTORIC MARKER
HISTORIC MARKER STRIKER (TYP)
CHURCH
COURTHOUSE (NATIONAL REGISTRY PROPERTY)
PLACE OF INTEREST
MUSEUM
HEALTH CARE
FIRE STATION
SCHOOL
PARK
PUBLIC SHELTER

LEGEND OF UTILITY TYPES

QUALITY LEVELS
QUALITY LEVEL "A"
QUALITY LEVEL "B"
QUALITY LEVEL "C"
QUALITY LEVEL "D"
ABANDONED UTILITY
ABANDONED UTILITY
ABANDONED UTILITY

COMMUNICATIONS
CENTRAL TEXAS TELE COOP
CENTRAL TEXAS TELE COOP (FIBER)
TELEMATH (FIBER OPTIC)
CENTRAL TEXAS TELE COOP (FIBER)
LUMEN (FIBER OPTIC)
NYPENET (FIBER OPTIC)

ELECTRIC / POWER
TEXAS NEW MEXICO POWER
CITY OF HAMILTON
XLS STEEL ELECTRIC

GAS / PETROLEUM
CONFIDENTIAL
CONFIDENTIAL
SAMS LAKE
SAMS LAKE
BLANCO

SANITARY SEWER
CITY OF HAMILTON
CITY OF LAMPASAS

POTABLE WATER
FIRST COLONY WSC
CITY OF HICO
CITY OF HAMILTON

TRAFFIC SIGNALS
TRAFFIC SIGNALS

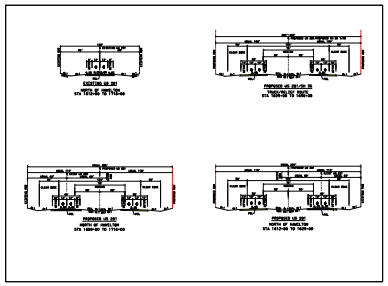
OVERHEAD UTILITY
OVERHEAD UTILITY

LEGEND OF UTILITY SYMBOLS

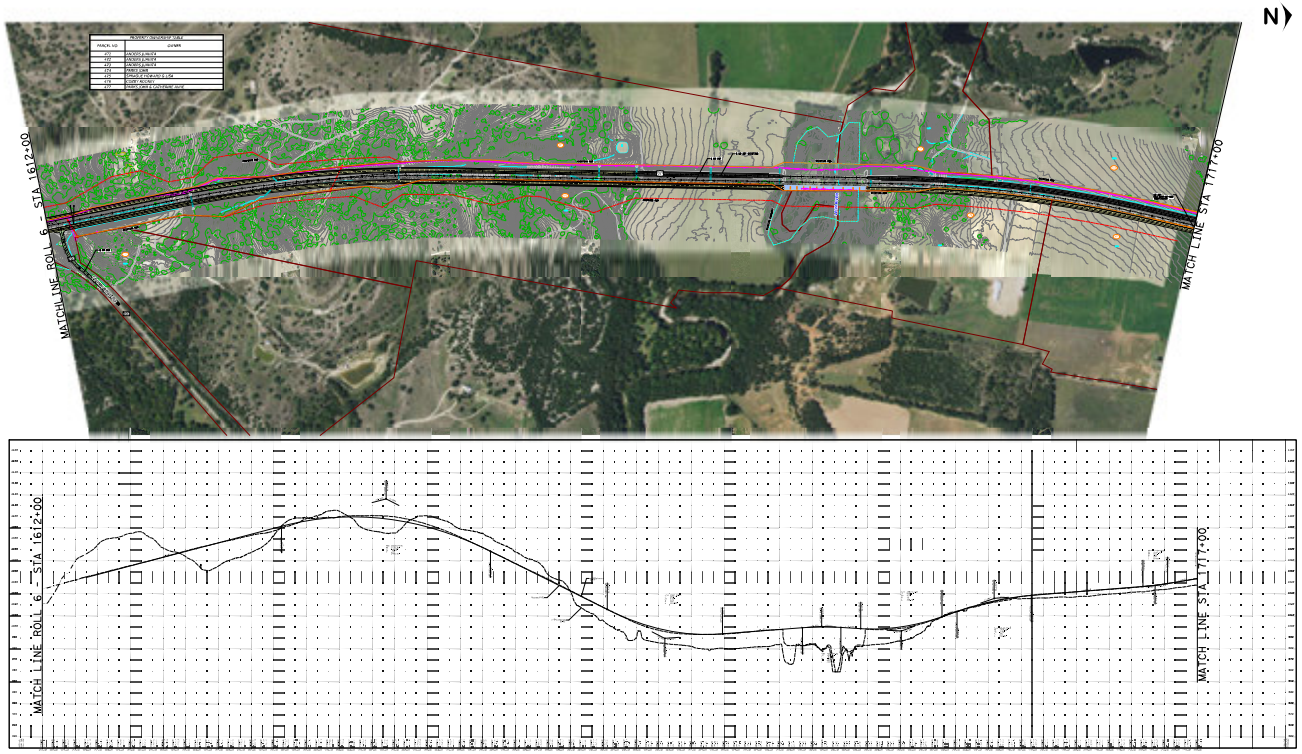
CITY LIMITS
CITY LIMITS CHANGE
TRAFFIC FLOW
TRAFFIC FLOW DIRECTION
CATCH BASIN
CATCH BASIN
CATCH BASIN
CATCH BASIN
MAIL BOX
MAIL BOX
TELEPHONE CABINET
TELEPHONE PEDESTAL
TELEPHONE PEDESTAL (VAULT)
TELEPHONE PEDESTAL
TELEPHONE PEDESTAL
TELEPHONE PEDESTAL
TELEPHONE POLE
TELEPHONE POLE
ELECTRIC PEDESTAL
ELECTRIC PEDESTAL (CABINET)
ELECTRIC POLE
ELECTRIC POLE (FIBER)
ELECTRIC POLE (FIBER)
ELECTRIC POLE (FIBER)
FLAG POLE
FLAG POLE (FIBER)
TRANSMISSION TOWER
GAS METER
GAS METER
GAS METER (FIBER)
GAS VALVE (FIBER)
GAS VALVE
STORM INLET
STORM MANHOLE
STORM MANHOLE
SANITARY SEWER MANHOLE
WATER METER
WATER METER (FIBER)
FIRE HYDRANT
FIRE HYDRANT
WATER VALVE
WATER VALVE
WATER VALVE
WATER VALVE

GENERAL NOTES

1. DETECTION OF BRIDGE STRUCTURES ARE PRELIMINARY. FINAL CONFIGURATION, STRUCTURE DEPTH AND CLEARANCES TO BE DETERMINED IN FINAL DESIGN DRAWINGS.
2. FINAL RESTORATION LOCATION OF DRIVEWAYS TO BE DETERMINED IN FINAL DESIGN DRAWINGS.
3. PGL INDICATES PROFILE GRADE LINE.
4. AERIAL SURVEYS PERFORMED



CURVE NAME	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	CURVE DIRECTION	AHEAD DIRECTION	PC STATION	PT STATION
NONE										



COUNTY: HAMILTON
DATE: 1-15-2014

US 281/SH 36 HAMILTON TRUCK/RELIEF ROUTE PROJECT

Bartlett & West