Texas Department of Transportation

WACO DISTRICT

STANLEY SWIATEK, P.E.
DISTRICT ENGINEER

# HAMILTON TRUCK/RELIEF ROUTE DESIGN SCHEMATIC

HAMILTON COUNTY

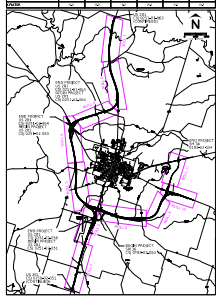
US 281
CSJ: 0025-04-064
PROJECT LENGTH 3.08 MILES

SH 36
CSJ: 0188-03-034
PROJECT LENGTH 1.48 MILES

CSJ: 0025-04-065
PROJECT LENGTH 3.08 MILES

| PROPOSED SECTION | FUNCTIONAL CLASS | DESIGN SPEED |
|---|---|---|
| US 281 | RURAL PRIMARY | 75 MPH |
| SH 36 PROJECT ROUTE | RURAL PRIMARY | 75 MPH |
| US 281 GENERAL PURPOSE LANES | PRINCIPAL ARTERIAL | 70 MPH |
| SH 36 GPLR | PRINCIPAL ARTERIAL | 70 MPH |
| SH 22 | PRINCIPAL ARTERIAL | 70 MPH |
| CONNECT 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 1241 | LOCAL ROAD | 40 MPH |
| FM 2005 | LOCAL ROAD | 40 MPH |
| FM 2802 | LOCAL ROAD | 40 MPH |

| DESIGN ELEMENT | US 281 PROJECT ROUTE (SH 36 GPLR) | US 281 GPLR | US 281 CONNECTOR | SH 36 PROJECT ROUTE | SH 36 GPLR | SH 36 CONNECTOR |
|---|---|---|---|---|---|---|
| DESIGN SPEED (MPH) | 75 | 70 | 55 | 75 | 70 | 55 |
| LANE WIDTH (FT) | 12 | 12 | 12 | 12 | 12 | 12 |
| SHOULDER WIDTH (FT) | 10 | 10 | 10 | 10 | 10 | 10 |
| OUTSIDE SHOULDER WIDTH (FT) | 10 | 10 | 10 | 10 | 10 | 10 |
| MEDIAN WIDTH (FT) | 60 | 60 | 60 | 60 | 60 | 60 |
| CURVE | NO | NO | NO | NO | NO | NO |




INDEX OF ROLLS

ROLL 1 OF 11 PLAN & PROFILE 1.10.120 — STA 1+00+00 TO STA 11+00+00
ROLL 2 OF 11 PLAN & PROFILE 1.10.120 — STA 11+00+00 TO STA 21+00+00 (SH 36 GPLR BEGIN TO STA 20+00+00)
ROLL 3 OF 11 PLAN & PROFILE 1.10.120 — STA 21+00+00 TO STA 31+00+00
ROLL 4 OF 11 PLAN & PROFILE 1.10.120 — STA 31+00+00 TO STA 41+00+00
ROLL 5 OF 11 PLAN & PROFILE 1.10.120 — STA 41+00+00 TO STA 51+00+00
ROLL 6 OF 11 PLAN & PROFILE SH 36 — STA 20+00+00 TO STA 21+00+00
ROLL 7 OF 11 PLAN & PROFILE SH 36 — STA 20+00+00 TO STA 31+00+00
ROLL 8 OF 11 PLAN & PROFILE SH 36 — STA 30+00+00 TO STA 40+00+00
ROLL 9 OF 11 PLAN & PROFILE SH 36 — STA 40+00+00 TO STA 51+00+00
ROLL 10 OF 11 PLAN & PROFILE SH 36 GPLR — STA 20+00+00 TO SH 36 GPLR END (SH 36 G-A 3620+00)
ROLL 11 OF 11 PLAN & PROFILE SH 36 GPLR — STA 3620+00 TO END

Bartlett & West

Texas.gov

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PRELIMINARY
Not for Construction, Bidding or Permit Purposes

Date Prepared: 10/2/2014

Date Revised: 1-15-2015

## LEGEND

PROPOSED RIGHT LINES
PROPOSED FRONTAGE ROADS
PROPOSED RETAINING WALLS/BULKHEADS
PROPOSED RAMPS
PROPOSED CONNECTORS
PROPOSED CROSSWALKS
PROPOSED CURBS
PROPERTY LINE TO BE TAKEN
PROPERTY LINE TO BE PARTIALLY TAKEN
PROPERTY LINE APPROXIMATE
EXISTING RIGHT-OF-WAY (TxDOT)
PROPOSED RIGHT-OF-WAY (TxDOT)
EXISTING RIGHT-OF-WAY (OTHER)
CITY/COUNTY LIMITS
EASEMENTS
EXISTING UTILITIES
EXISTING OVERHEAD STRUCTURES
PROPOSED OVERHEAD STRUCTURES
PROPOSED DIRECTIONAL FLOW TRAFFIC
EXISTING DIRECTION OF TRAFFIC
EXISTING PUBLIC LAND USE
FLOOD PLAIN
POTENTIAL DISPLACEMENT
CEMETERY
HISTORIC MARKER
NATIONAL REGISTER HISTORIC PARK (TXSHC)
CAVE IN ROCK
COURTHOUSE IN NATIONAL REGISTER PROPERTY
PLACE OF WORSHIP
MUSEUM
HEALTH CARE
FIRE STATION
SCHOOL
PARK
HISTORIC MARKER

## LEGEND OF UTILITY TYPES

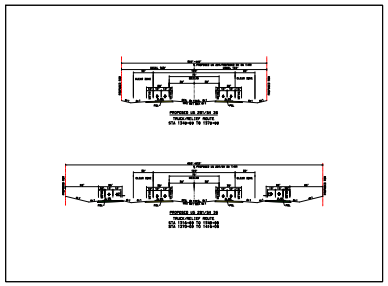
QUALITY LEVELS
QUALITY LEVEL "A"
QUALITY LEVEL "B"
QUALITY LEVEL "C"
QUALITY LEVEL "D"
ABANDONED UTILITY
ABANDONED UTILITY
COMMUNICATIONS
CATV
CENTRAL TEXAS TELE-CORP (TELE)
TELEPORT (TELEPORT)
CENTRAL TEXAS TELE-CORP (FIBER)
LUMEN (FIBER)
NYPENN (FIBER)
ELECTRIC / POWER
TRANS MISSION POWER
TRANS MISSION
OLD STEEL ELECTRIC
GAS / PETROLEUM
GAS
CONFIDENTIAL
SAMPLE LINE
PETROLEUM
BLANKOUT
SANITARY SEWER
CITY OF HAMILTON
CITY OF LAMPASAS
POTABLE WATER
NEW BRAUNFELS WATER
CITY OF HICO
CITY OF LAMPASAS
TRAFFIC SIGNALS
TRAFFIC SIGNALS
OVERHEAD UTILITY
CATV
AT&T
CENTRAL TEXAS TELE COOP
LUMEN
NUTRAM TELECOM
NYPENN
TEXAS NEW MEXICO POWER
TWC
VERIZON
VERIZON (Wireless)

## LEGEND OF UTILITY SYMBOLS

GAS METER
GAS VALVE
GAS LINE MARKER
GAS VENT
GAS WELL
GAS WELL
CATV PEDESTAL
CATV MANHOLE
CATV MANHOLE
CATV VAULT
TELEPHONE PEDESTAL
TELEPHONE MANHOLE
TELEPHONE MANHOLE
TELEPHONE MANHOLE (VAULT)
TELEPHONE MANHOLE
TELEPHONE MANHOLE
TELEPHONE MANHOLE
ELECTRIC PEDESTAL
ELECTRIC MANHOLE (ELECTRIC CABINET)
ELECTRIC MANHOLE
ELECTRIC MANHOLE (VAULT)
ELECTRIC MANHOLE
TRAFFIC SIGNAL
TRAFFIC SIGNAL PEDESTAL
TRANSMISSION TOWER
GAS METER
GAS WELL
GAS WELL (BLOWN WELL)
STORM INLET
STORM MANHOLE
STORM MANHOLE
WATER SYSTEM BLOWOFF
WATER SYSTEM VALVE
FIRE HYDRANT
WATER MANHOLE
WATER METER
WATER VALVE
WATER WELL

## GENERAL NOTES

1. DEFINITION 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 TABLE | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CURVE NAME | CURVE NO. | DELTA | DEGREE | TangENT | LENGTH | RADIUS | BASE BEARING | AHEAD BEARING | PC STATION | PI STATION | PT STATION |
| US 281 | | | | | | | | | | | |
| | | 14° 00' 00.00" | 14° 00' 00.00" | 1000.00' | 1999.00' | 409.00' | S87° 00' 00.00"E | S73° 00' 00.00"E | 1316+00.00 | 1337+11.11 | 1356+99.00 |
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| SH 36 | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
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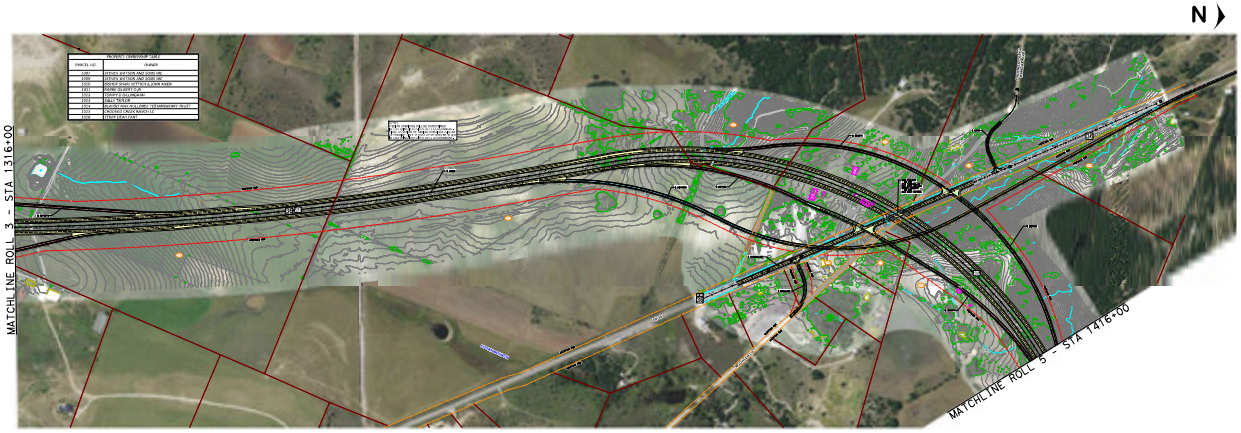


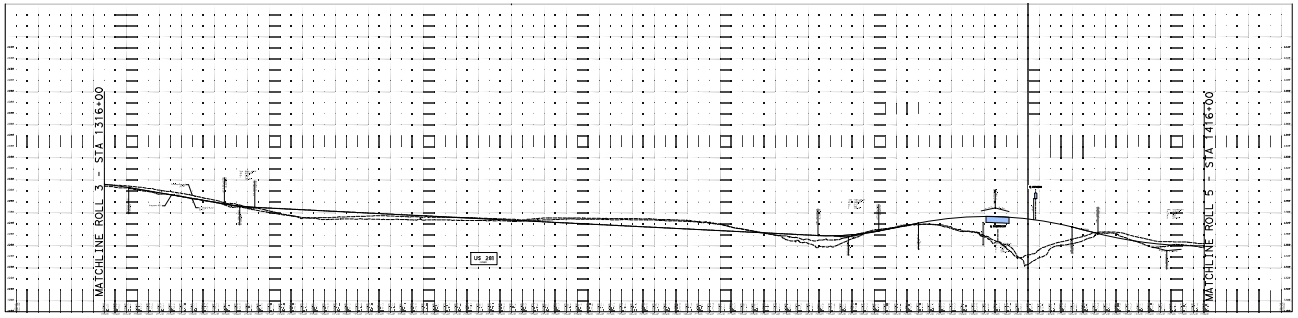


COUNTY: HAMILTON
DATE: 1-15-2015

US 281/SH 36 HAMILTON TRUCK/RELIEF ROUTE PROJECT

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