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 (LOW TIES)

SH 36
CSJ: 0188-03-024
PROJECT LENGTH (LOW TIES)

CSJ: 0025-04-064
FROM RAGO ST TO STA
PROJECT LENGTH 2+05.18 LTS

PROPOSED ROUTE	FUNCTIONAL CLASS	DESIGN SPEED
US 281	RURAL PRINCIPAL	75 MPH
SH 36 BYPASS ROUTE	RURAL PRINCIPAL	75 MPH
US 281 GENERAL PURPOSE LANES	PRINCIPAL ARTERIAL	70 MPH
SH 36	PRINCIPAL ARTERIAL	70 MPH
SH 22	PRINCIPAL ARTERIAL	70 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 2181	LOCAL ROAD	40 MPH
FM 2605	LOCAL ROAD	40 MPH
FM 2862	LOCAL ROAD	40 MPH

DESIGN SPEED (MPH)	75	70	55	50	40	30
MINIMUM RADIUS (FT)	1,500	1,000	700	500	300	200
MAXIMUM GRADE (%)	3.0	3.0	3.0	3.0	3.0	3.0
MINIMUM SSD (FT)	570	500	425	360	305	250
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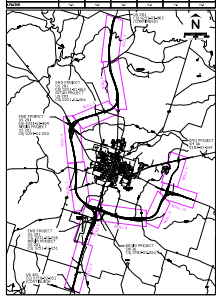


PROJECT LOCATION MAPKEY MAP

INDEX OF ROLLS

ROLL 1 SF 01 PLAN & PROFILE 1:50.00 = STA 1+00+00 TO STA 1+19+00
ROLL 2 SF 01 PLAN & PROFILE 1:50.00 = STA 1+19+00 TO STA 2+94+00 SH 36 BEGIN TO STA 2+94+00
ROLL 3 SF 01 PLAN & PROFILE 1:50.00 = STA 2+94+00 TO STA 4+69+00
ROLL 4 SF 01 PLAN & PROFILE 1:50.00 = STA 4+69+00 TO STA 6+44+00
ROLL 5 SF 01 PLAN & PROFILE 1:50.00 = STA 6+44+00 TO STA 8+19+00
ROLL 6 SF 01 PLAN & PROFILE 1:50.00 = STA 8+19+00 TO STA 9+94+00
ROLL 7 SF 01 PLAN & PROFILE 1:50.00 = STA 9+94+00 TO STA 11+69+00
ROLL 8 SF 01 PLAN & PROFILE 1:50.00 = STA 11+69+00 TO STA 13+44+00
ROLL 9 SF 01 PLAN & PROFILE 1:50.00 = STA 13+44+00 TO STA 15+19+00
ROLL 10 SF 01 PLAN & PROFILE 1:50.00 = STA 15+19+00 TO STA 16+94+00 SH 36 SAVA BEGIN 10 0 A 3820+00
ROLL 11 SF 01 PLAN & PROFILE 1:50.00 = STA 16+94+00 TO END

Bartlett & West

PRELIMINARY
Not for Construction, Bidding or Permit Purposes

Date: December 6th, 2013
Not for Construction, Bidding or Permit Purposes

Project Manager

Project Engineer

LEGEND

- PROPOSED RIGHT OF WAY
- PROPOSED FRONTAGE ROADS
- PROPOSED TRUCK/RELIEF ROUTE
- PROPOSED RAMPS
- PROPOSED CONNECTORS
- PROPOSED CROSSOVER
- PROPOSED CURBS
- PROPOSED CURB RAMPS TO REMAIN
- EXISTING PAVEMENT TO BE REMOVED
- PROPERTY LINE (APPROXIMATE)
- EXISTING RIGHT-OF-WAY (TYP)
- PROPOSED RIGHT-OF-WAY (TYP)
- EXISTING CONTROL POINT (TYP)
- LEFT COURTESY LANES
- EXISTING
- EXISTING TREE (TYPE)
- EXISTING CULVERT/BRIDGE STRUCTURES
- PROPOSED CULVERT/BRIDGE STRUCTURES
- PROPOSED DIRECTION OF TRAFFIC
- EXISTING DIRECTION OF TRAFFIC
- EXISTING BUILDING/FACILITY
- FLOOD PLAIN
- POTENTIAL DISPLACEMENT
- CEMETERY
- HISTORIC MARKER
- HISTORIC MARKER (STAGE RAN 2/1/00)
- CASE IN JAIL
- COURTHOUSE NATIONAL REGISTER PROPERTY
- PLACE OF WORSHIP
- MUSEUM
- HEALTH CARE
- FIRE STATION
- SCHOOL
- PARK
- PUBLIC OFFICE

LEGEND OF UTILITY TYPES

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

COMMUNICATIONS
- CENTRAL TEXAS TELE COOP (TELE)
- CENTRAL TEXAS TELE COOP (FIBER)
- TELEPORT (FIBER)
- TEXAS NETWORK TELE COOP (FIBER)
- LUMEN (FIBER)
- TEXPOINT (FIBER)

ELECTRIC / POWER
- TRANS MISSION POWER
- TRANSMISSION
- 69 STEEL ELECTRIC

GAS / PETROLEUM
- CONOCO
- CONTINENTAL
- SHELL OIL
- SHELL GAS
- SUNOCO

SANITARY SEWER
- CITY OF HAMILTON
- CITY OF LAMPASAS

POTABLE WATER
- BRA RAGSDALE WTP
- CITY OF HICO
- CITY OF LAMPASAS

TRAFFIC SIGNALS
- TRAFFIC SIGNAL

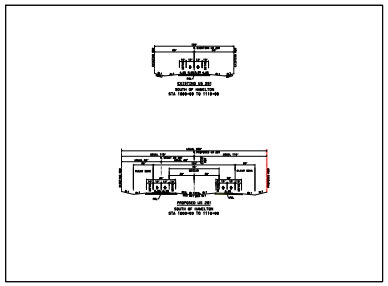
OVERHEAD UTILITY
- OVERHEAD UTILITY

LEGEND OF UTILITY SYMBOLS

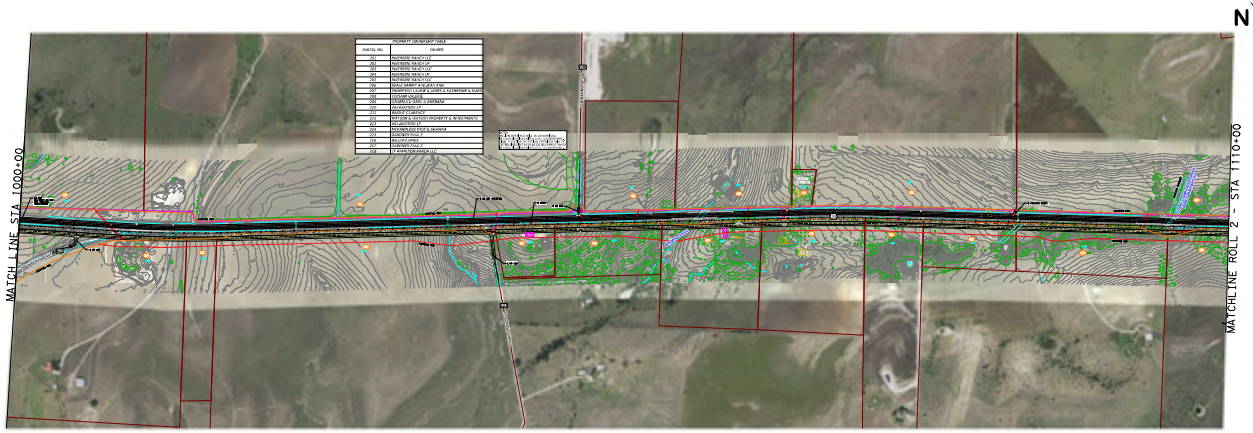
- GAS VALVE
- GAS VALVE CHANGE
- GAS METER
- GAS METER STATION
- GAS METER
- CATV CABINET
- CATV PEDESTAL
- CATV MANHOLE
- CATV MANHOLE
- CATV PEDESTAL
- FIBER PEDESTAL
- FIBER MANHOLE
- FIBER MANHOLE
- TELEPHONE PEDESTAL
- TELEPHONE MANHOLE (VAULT)
- TELEPHONE MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE POLE
- TELEPHONE POLE
- ELECTRIC MANHOLE
- ELECTRIC MANHOLE (CONCRETE CAPS)
- ELECTRIC POLE (WOOD)
- ELECTRIC POLE (STEEL)
- ELECTRIC POLE (STRUCT)
- TRAN POLE
- TRANSMISSION (WOOD)
- TRANSMISSION (STEEL)
- GAS METER
- GAS METER STATION
- GAS MONITORING WELL
- STORM INLET
- STORM MANHOLE
- STORM MANHOLE
- SANITARY SEWER MANHOLE
- SANITARY SEWER MANHOLE
- CLEAN OUT
- CLEAN OUT
- WATER METER
- WATER METER
- WATER VALVE
- WATER VALVE

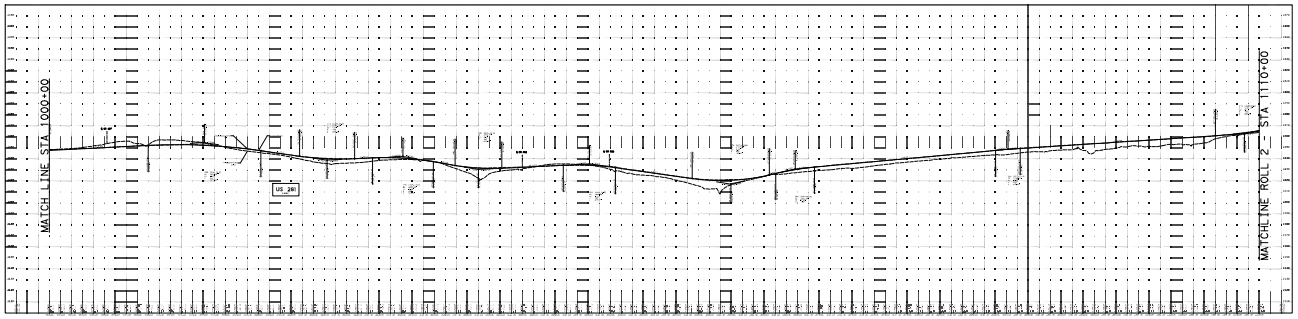
GENERAL NOTES

1. DETECTION OF BRIDGE STRUCTURES ARE PRELIMINARY FINAL CONFIGURATION, STRUCTURE DEPTH AND CLEARANCE 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 (FEET)	CURVE DIRECTION	CURVE DIRECTION	PC STATION	PT STATION
CURVE 1		90° 00' 00.00"	90° 00' 00.00"	1.00	1.57	1.00	LEFT	LEFT	1+00+00.00	1+01+57.08
		90° 00' 00.00"	90° 00' 00.00"	1.00	1.57	1.00	LEFT	LEFT	1+01+57.08	1+03+14.16
		90° 00' 00.00"	90° 00' 00.00"	1.00	1.57	1.00	LEFT	LEFT	1+03+14.16	1+04+71.24
		90° 00' 00.00"	90° 00' 00.00"	1.00	1.57	1.00	LEFT	LEFT	1+04+71.24	1+06+28.32





COUNTY: HAMILTON
DATE: 11-15-2013

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US 281/SH 36 HAMILTON TRUCK/RELIEF ROUTE PROJECT

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