Texas Department of Transportation

WACO DISTRICT

STANLEY SWIATEK, P.E.
DISTRICT ENGINEER

HAMILTON TRUCK/RELIEF ROUTE DESIGN SCHEMATIC

HAMILTON COUNTY

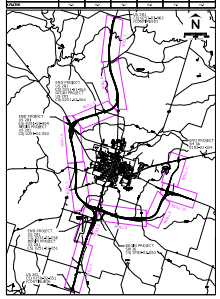
US 281
CSJ: 0025-04-064
PROJECT LENGTH (LOW TRUCK)

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

CSJ: 0025-04-060
FROM RAGO ST TO STA 1416+00
PROJECT LENGTH (LOW TRUCK)

PROJECT ALIGNMENT	FUNCTIONAL CLASS	DESIGN SPEED
US 281	RURAL PRINCIPAL	75 MPH
SH 36 PROJECT ROUTE	RURAL PRINCIPAL	75 MPH
US 281 GENERAL PURPOSE LANES	PRINCIPAL ARTERIAL	70 MPH
SH 36	PRINCIPAL ARTERIAL	70 MPH
SH 22	PRINCIPAL ARTERIAL	60 MPH
DIRECT CONNECTORS	PRINCIPAL ARTERIAL	35 MPH
RAMPS	PRINCIPAL ARTERIAL	30 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 PARAMETERS	US 281 PROJECT LENGTH (LOW TRUCK)	US 281 PROJECT LENGTH (HIGH TRUCK)	SH 36 PROJECT LENGTH (LOW TRUCK)	SH 36 PROJECT LENGTH (HIGH TRUCK)	US 281 PROJECT LENGTH (LOW TRUCK)	US 281 PROJECT LENGTH (HIGH TRUCK)
ADT (2040)	10,000	10,000	1,000	1,000	10,000	10,000
DESIGN SPEED (MPH)	75	75	60	60	70	70
DESIGN VEHICLE	WB-67	WB-67	WB-67	WB-67	WB-67	WB-67
TRUCK ADT (2040)	1,500	1,500	50	50	1,500	1,500
TRUCK DESIGN VEHICLE	WB-67	WB-67	WB-67	WB-67	WB-67	WB-67
TRUCK DESIGN SPEED	60	60	50	50	60	60
TRUCK	YES	YES	NO	NO	YES	YES



PROJECT LOCATION MAPKEY MAP

INDEX OF ROLLS

ROLL 1 OF 11	PLANS PROFILE 1.10.120	STA 1+00+00 STA 11+10+00
ROLL 2 OF 11	PLANS PROFILE 1.10.120	STA 11+10+00 STA 21+20+00 SH 36 DEBUTO TO STA 2004+00
ROLL 3 OF 11	PLANS PROFILE 1.10.120	STA 21+20+00 STA 31+30+00
ROLL 4 OF 11	PLANS PROFILE 1.10.120	STA 31+30+00 STA 41+40+00
ROLL 5 OF 11	PLANS PROFILE 1.10.120	STA 41+40+00 STA 51+50+00
ROLL 6 OF 11	PLANS PROFILE 1.10.120	STA 51+50+00 STA 61+60+00
ROLL 7 OF 11	PLANS PROFILE 1.10.120	STA 61+60+00 STA 71+70+00
ROLL 8 OF 11	PLANS PROFILE 1.10.120	STA 71+70+00 STA 81+80+00
ROLL 9 OF 11	PLANS PROFILE 1.10.120	STA 81+80+00 STA 91+90+00
ROLL 10 OF 11	PLANS PROFILE 1.10.120	STA 91+90+00 STA 101+00+00 SH 36 SAVA 2020+00 TO STA 2020+00
ROLL 11 OF 11	PLANS PROFILE 1.10.120	STA 101+00+00 END

Bartlett & West

Texas Department of Transportation

Schematic Date: 08-2013

PRELIMINARY

Not for Construction, Bidding or Permit Purposes

Project Manager

Project Engineer

LEGEND

PROPOSED RAILLINES
PROPOSED FRONTAGE ROADS
PROPOSED RETAINING WALLS/CRIB WALLS
PROPOSED RAMPS
PROPOSED DIRECT CONNECTORS
PROPOSED SHOULDERS
PROPOSED CURBS
PROPOSED PAVEMENT TO REMAIN
EXISTING PAVEMENT TO BE REMOVED
PROPERTY LINE (APPROXIMATE)
EXISTING RIGHT-OF-WAY (TYP)
PROPOSED RIGHT-OF-WAY (TYP)
EXISTING CONTROL POINTS
EXISTING CONTOURS
EXISTING
EXISTING TREE LINES
EXISTING GRADE STRUCTURES
PROPOSED GRADE STRUCTURES
PROPOSED DIRECTIONAL OF TRAFFIC
EXISTING DIRECTION OF TRAFFIC
EXISTING RAILROAD CROSSING
FLOOD PLAIN
POTENTIAL DISPLACEMENT
CEMETERY
HISTORIC MARKER
NATIONAL REGISTER HISTORIC PARK (TYPE)
CAVE IN ROCK
SOUTH PLAINS NATIONAL RELIGIOUS 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"
MEASUREMENT UTILITY
ABANDONED UTILITY
UNKNOWN UTILITY

COMMUNICATIONS
CATV (TYPE)
CENTRAL TEXAS TELE COOP (TELE)
TELEPHONE (TELE)
CENTRAL TEXAS TELE COOP (FIBER)
LUMEN (FIBER)
TEXPARK (FIBER)

ELECTRIC / POWER
TEXAS NEW MEXICO POWER
TNMP
OLD STEEL ELECTRIC

GAS / PETROLEUM
CONOCO
CONTINENTAL
SAMSON LINE
SHELL OIL
SUNOCO

SANITARY SEWER
CITY OF HAMILTON
CITY OF LAMPASAS

POTABLE WATER
CITY OF HAMILTON
CITY OF LAMPASAS

TRAFFIC SIGNALS
TRAFFIC

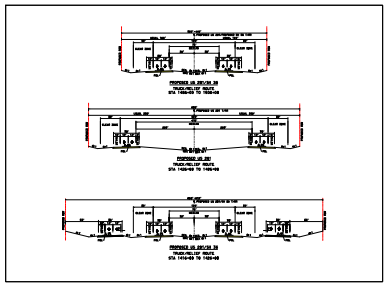
OVERHEAD UTILITY
CATV
CENTURYLINK
CENTRAL TEXAS TELE COOP
LUMEN
NUTRAM TELECOM
TEXPARK
TEXAS NEW MEXICO POWER
TNMP
OLD STEEL
TEXAS ELECTRIC
OVERHEAD TRAFFIC

LEGEND OF UTILITY SYMBOLS

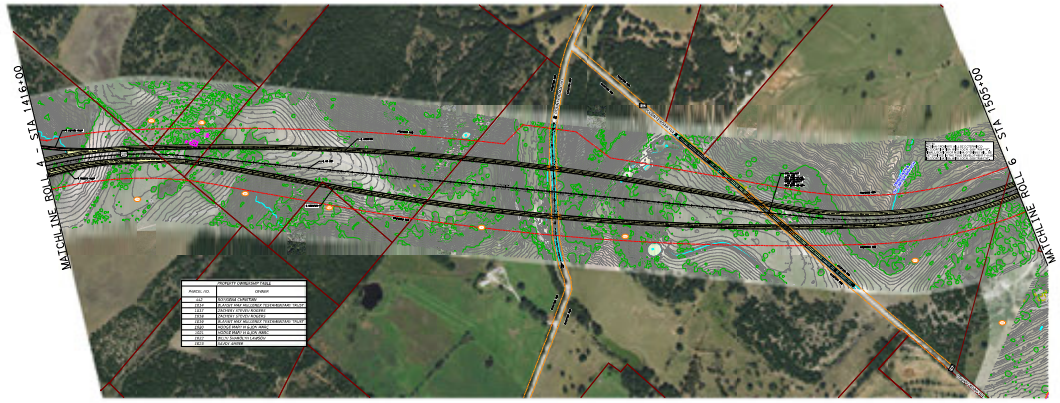
CATV
CATV PEDESTAL CABINET
CATV POLE
CATV POLE WITH GUYS
CATV CABINET
CATV MANHOLE
CATV VAULT
TELEPHONE
TELEPHONE PEDESTAL
TELEPHONE POLE
TELEPHONE CABINET
TELEPHONE MANHOLE (VAULT)
TELEPHONE MANHOLE
TELEPHONE VAULT
TELEPHONE POLE WITH GUYS
ELECTRIC
ELECTRIC PEDESTAL
ELECTRIC POLE (ELECTRIC CABINET)
ELECTRIC POLE WITH GUYS
ELECTRIC MANHOLE
ELECTRIC VAULT
TRANSMISSION TOWER
TRANSMISSION STEEL
GAS
GAS METER
GAS VALVE
GAS MANHOLE
GAS VAULT (NATURAL GAS)
STORM WATER
STORM MANHOLE
STORM INLET
STORM VAULT
SANITARY SEWER
SANITARY SEWER MANHOLE
SANITARY SEWER VAULT
SANITARY SEWER CLEANOUT
WATER
WATER MANHOLE
WATER VAULT
WATER METER
WATER VALVE
WATER WELL
WATER TOWER
WATER TANK
WATER VAULT
WATER METER
WATER VALVE
WATER WELL
WATER TOWER
WATER TANK

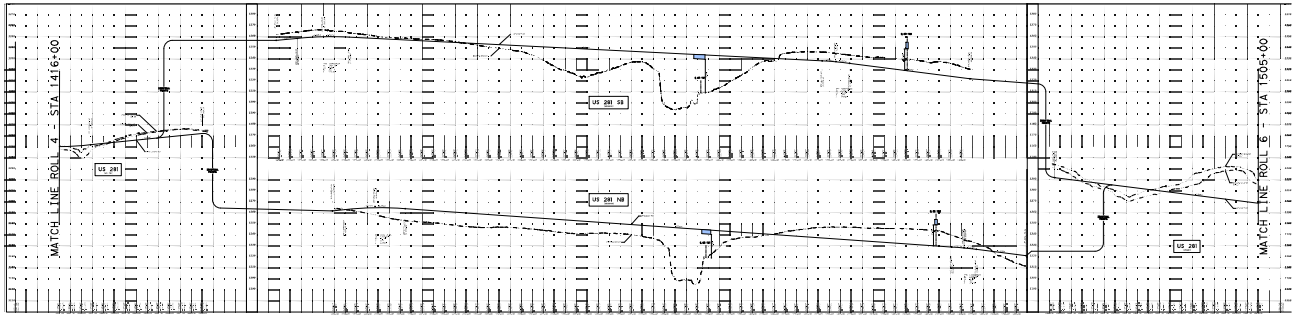
GENERAL NOTES

1. DEPTH 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	CURVE DIRECTION	ANGLE DIRECTION	PC STATION	PI STATION	PT STATION
US 281		47° 00' 00.00"	47° 00' 00.00"	1000.00'	1000.00'	1000.00'	RIGHT	RIGHT	1505+00.00	1510+00.00	1515+00.00
		47° 00' 00.00"	47° 00' 00.00"	1000.00'	1000.00'	1000.00'	RIGHT	RIGHT	1515+00.00	1520+00.00	1525+00.00
US 281 NB		47° 00' 00.00"	47° 00' 00.00"	1000.00'	1000.00'	1000.00'	RIGHT	RIGHT	1505+00.00	1510+00.00	1515+00.00
		47° 00' 00.00"	47° 00' 00.00"	1000.00'	1000.00'	1000.00'	RIGHT	RIGHT	1515+00.00	1520+00.00	1525+00.00
US 281 SB		47° 00' 00.00"	47° 00' 00.00"	1000.00'	1000.00'	1000.00'	RIGHT	RIGHT	1505+00.00	1510+00.00	1515+00.00
		47° 00' 00.00"	47° 00' 00.00"	1000.00'	1000.00'	1000.00'	RIGHT	RIGHT	1515+00.00	1520+00.00	1525+00.00
SH 36											
SH 36 SB		90° 00' 00.00"	90° 00' 00.00"	500.00'	500.00'	500.00'	LEFT	LEFT	1510+00.00	1515+00.00	1520+00.00
		90° 00' 00.00"	90° 00' 00.00"	500.00'	500.00'	500.00'	LEFT	LEFT	1520+00.00	1525+00.00	1530+00.00
SH 36 NB		90° 00' 00.00"	90° 00' 00.00"	500.00'	500.00'	500.00'	LEFT	LEFT	1510+00.00	1515+00.00	1520+00.00
		90° 00' 00.00"	90° 00' 00.00"	500.00'	500.00'	500.00'	LEFT	LEFT	1520+00.00	1525+00.00	1530+00.00





COUNTY: HAMILTON
DATE: 11-15-2013

US 281/SH 36 HAMILTON TRUCK/RELIEF ROUTE PROJECT

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