Texas Department of Transportation

WACO DISTRICT

STANLEY SWIATEK, P.E.
DISTRICT ENGINEER

HAMILTON TRUCK/RELIEF ROUTE DESIGN SCHEMATIC

HAMILTON COUNTY

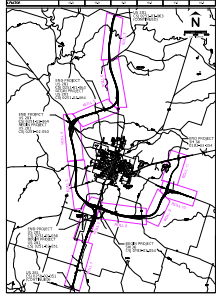
US 281
CSJ: 0028-04-064
BEGIN OF SCOPE STA 3020+00
PROJECT LENGTH 3.04 MILES

SH 36
CSJ: 0188-03-024
BEGIN OF SCOPE STA 1000+00
PROJECT LENGTH 1.75 MILES

CSJ: 0028-04-060
FROM RAGLEY TO STATE
PROJECT LENGTH 3.05 MILES

PROJECT ALIGNMENT	FUNCTIONAL CLASS	DESIGN SPEED
US 281	RURAL PRINCIPAL	75 MPH
SH 36 BETWEEN FRONTAGE ROADS	RURAL PRINCIPAL	75 MPH
US 281 GENERAL PURPOSE LANES	PRINCIPAL ARTERIAL	70 MPH
SH 36 SPUR	PRINCIPAL ARTERIAL	70 MPH
SH 22	PRINCIPAL ARTERIAL	70 MPH
DIRECT CONNECTORS	PRINCIPAL ARTERIAL	55 MPH
RAMPS	PRINCIPAL ARTERIAL	55 MPH
CR 102	RURAL COLLECTOR	40 MPH
CR 103	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 2562	LOCAL ROAD	40 MPH

DESIGN ELEMENT	US 281 MAINLANES	US 281 FRONTAGE ROADS	SH 36 MAINLANES	SH 36 FRONTAGE ROADS	SH 36 SPUR MAINLANES	SH 36 SPUR FRONTAGE ROADS
DESIGN SPEED	75 MPH	40 MPH	70 MPH	40 MPH	70 MPH	40 MPH
LANE WIDTH	12'	12'	12'	12'	12'	12'
SHOULDER WIDTH	10'	10'	10'	10'	10'	10'
SHOULDER BLEND	4:1	4:1	4:1	4:1	4:1	4:1
MEDIAN WIDTH	60'	60'	60'	60'	60'	60'
CURB	NO	NO	NO	NO	NO	NO



PROJECT LOCATION MAPKEY MAP

INDEX OF ROLLS

ROLL 1 OF 11 PLAN & PROFILE 1:20.00 = STA 1+00+00 TO STA 1+00+00
ROLL 2 OF 11 PLAN & PROFILE 1:20.00 = STA 1+00+00 TO STA 1+00+00 SH 36 BEGIN TO STA 2004+00
ROLL 3 OF 11 PLAN & PROFILE 1:20.00 = STA 1+00+00 TO STA 1+00+00
ROLL 4 OF 11 PLAN & PROFILE 1:20.00 = STA 1+00+00 TO STA 1+00+00
ROLL 5 OF 11 PLAN & PROFILE 1:20.00 = STA 1+00+00 TO STA 1+00+00
ROLL 6 OF 11 PLAN & PROFILE 1:20.00 = STA 1+00+00 TO STA 1+00+00
ROLL 7 OF 11 PLAN & PROFILE 1:20.00 = STA 2004+00 TO STA 2+00+00
ROLL 8 OF 11 PLAN & PROFILE 1:20.00 = STA 2+00+00 TO STA 2+00+00
ROLL 9 OF 11 PLAN & PROFILE 1:20.00 = STA 2+00+00 TO STA 2+00+00
ROLL 10 OF 11 PLAN & PROFILE 1:20.00 = STA 2+00+00 TO STA 2+00+00
ROLL 11 OF 11 PLAN & PROFILE 1:20.00 SH 36 SPUR BEGIN TO 0 = STA 3020+00
ROLL 11 OF 11 PLAN & PROFILE 1:20.00 SH 36 SPUR = STA 3020+00 TO END

Bartlett & West

Texas Department of Transportation

Stanley Swiatek, P.E.
District Engineer

PRELIMINARY
Not for Construction, Bidding or Permit Purposes

Date Signed

Date Signed

LEGEND

PROPOSED RIGHT OF WAY
PROPOSED FRONTAGE ROADS
PROPOSED & EXISTING RAILROADS
PROPOSED RAMPS
PROPOSED DIRECT CONNECTORS
PROPOSED CROSSWALKS
PROPOSED CURBS
EXISTING PAVEMENT TO REMAIN
EXISTING PAVEMENT TO BE REMOVED
PROPERTY LINE (APPROXIMATE)
EXISTING RIGHT-OF-WAY (TYP)
PROPOSED RIGHT-OF-WAY (TYP)
EXISTING CONTROL POINTS
LEFT COURTESY LINE
EASEMENTS
EXISTING TREE LINES
EXISTING CULVERT STRUCTURES
PROPOSED CULVERT STRUCTURES
PROPOSED VEHICULAR TRAFFIC
EXISTING DIRECTION OF TRAFFIC
PROPOSED DIRECTIONAL FLOW
FLOW LINES
POTENTIAL DISPLACEMENT
CEMETERY
HISTORIC MARKER
NATIONAL REGISTER STRUCTURE (TYPIC)
CHURCH
COUNTY AUDITORS NATURAL RESOURCES PROPERTY
PLACE OF WORSHIP
MUSEUM
HEALTH CARE
FIRE STATION
SCHOOL
PARK
PUBLIC SERVICE

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 OPTIC)
LUMEN (FIBER OPTIC)
TEXPOWER (FIBER OPTIC)

ELECTRIC / POWER
TRANS MISSION POWER
TEXPOWER
FLS STREET ELECTRIC

GAS / PETROLEUM
CONTINENTAL
CONTINENTAL
SAMS LAKE
SAMS LAKE
SUNOCO
SUNOCO

SANITARY SEWER
CITY OF HAMILTON
CITY OF LAMPASAS

POTABLE WATER
CITY OF HAMILTON
CITY OF HAMILTON
CITY OF LAMPASAS

TRAFFIC SIGNALS
TRAFFIC SIGNALS

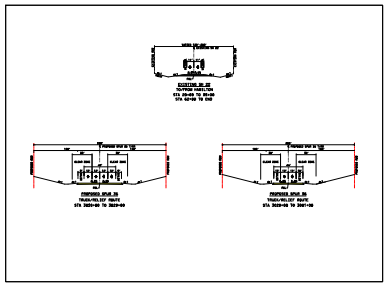
OVERHEAD UTILITY
AT&T
AT&T
CENTRAL TEXAS TELE COOP
CITY OF HAMILTON
HUTTMAN TELECOM
LUMEN
TEXAS NEW MEXICO POWER
TEXPOWER
TEXPOWER
TRANS MISSION POWER

LEGEND OF UTILITY SYMBOLS

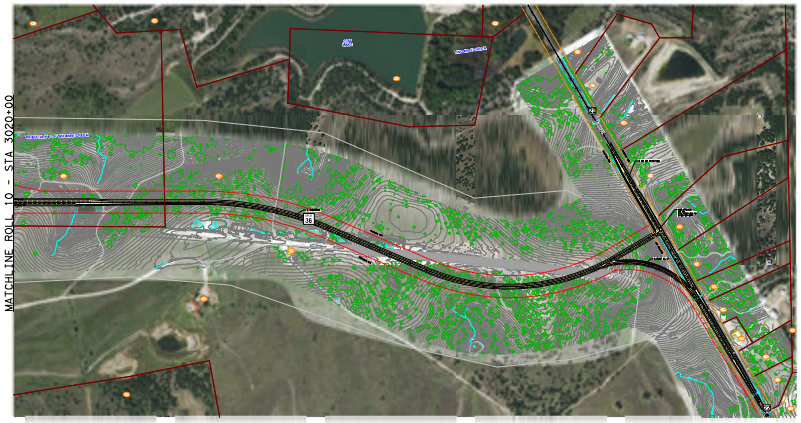
GAS VALVE
GAS VALVE CHANGE
GAS VALVE
GAS VALVE DESCRIPTION
GATE
CATCH BASIN
CATCH MANHOLE
CATCH MANHOLE
GRID INLET
GRID MANHOLE
MISC INLET
MISC MANHOLE
TELEPHONE CABINET
TELEPHONE MANHOLE (VAULT)
TELEPHONE MANHOLE
TELEPHONE MANHOLE
TELEPHONE POLE
TELEPHONE VAULT
ELECTRIC CABINET
ELECTRIC MANHOLE (CABINET)
ELECTRIC POLE (POWER)
ELECTRIC POLE (POWER)
ELECTRIC POLE (POWER)
TRAIL POLE
TRAFFIC SIGNAL POLE(S)
TRANSMISSION TOWER
GAS METER
GAS METER
GAS METER (GAS MISC)
GAS MISC (GAS MISC)
STORM INLET
STORM MANHOLE
STORM MANHOLE
WATER SYSTEM DESCRIPT
WATER MISC (WATER MISC)
WATER MISC
WATER MISC
WATER MISC
WATER MISC
WATER MISC
WATER MISC
WATER MISC

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	MIDDLE ORDINATE	MAX ORDINATE	MIDDLE ORDINATE	PI STATION	PC STATION	PT STATION
NUMBER												
		12°-00'-00"	1°-00'-00"	60'-00.00"	120'-00.00"	5729.58'	0.31'	0.31'	0.31'	1000+00.00	999+40.00	1001+20.00
		12°-00'-00"	1°-00'-00"	60'-00.00"	120'-00.00"	5729.58'	0.31'	0.31'	0.31'	2004+00.00	2003+40.00	2005+20.00



PROJECT REFERENCE TABLE	
PROJ. NO.	PROJECT
0000	BRIDGE INSPECTION (V.O.)
0000	BRIDGE INSPECTION (V.O.)
0000	BRIDGE INSPECTION (V.O.)
0000	CITY OF HAMILTON
0000	CITY OF HAMILTON
0000	CITY OF HAMILTON