TEXAS DEPARTMENT OF TRANSPORTATION
FINAL DESIGN SCHEMATIC

100% SCHEMATIC LAYOUT
US 281: 1.3 MILES NORTH OF SH 71 TO 1.3 MILES SOUTH OF SH 71
WILLIAMSON COUNTY
TUCKER PERAGUSON, P.E. – DISTRICT ENGINEER
AUSTIN DISTRICT

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) GREEN BOOK DESIGN CRITERIA USED FOR THIS PROJECT:

CONTROL: SOILS SECTIONS: 1U, 2BA, 3YB		
PROJECT DESIGN SPEED: 60 MPH (URBAN) / 70 MPH (RURAL)		
PROJECT LENGTH ALONG US 281: 2.6 MILES / 13,728 FEET		
BRIDGE LENGTH ALONG US 281: 0.1 MILES / 603.6 FEET		
	EXISTING	PROPOSED
ROADWAY WIDTH:	2-LANE	4-LANE
ROW WIDTH ON US 281:	80-100	100-200
ROW WIDTH OFF OF SH 71:	0-300	300-400

FUNCTIONAL CLASS:
US 281: SECTION OF BEYCHWOOD: 0-URBAN PRINCIPAL ARTERIAL
US 281: SECTION OF BEYCHWOOD: 0-URBAN PRINCIPAL ARTERIAL
SH 71: 0-RURAL MINOR ARTERIAL
BEYCHWOOD ROAD: 0-URBAN COLLECTOR
GREGG STREET: 0-URBAN COLLECTOR
FLATROCK: 0-URBAN COLLECTOR
THUNDER: 0-URBAN COLLECTOR
BAYLOR SCOTT & WHITE: 0-URBAN COLLECTOR

DESIGN VEHICLE: WB-67
DESIGN SPEED: 60 MPH
US 281 & SH 71 TRANSITIONS: 70 MPH
US 281 & SH 71 RAMPS: 35 MPH
BEYCHWOOD ROAD: 30 MPH
GREGG STREET: 30 MPH
CROSS STREET: 30 MPH
TRUCKS: 5% MPH
PEDESTRIANS: NO MPH
BICYCLES: NO MPH
DRIVEWAYS: NO MPH
SIGHT DISTANCE: NO MPH
DRIVEWAYS: NO