LEGEND

SH 71 PROPOSED ROADWAY
SHARED USES PATH (SUP)
PROPOSED CURB
PROPOSED HOA
PROPOSED ACCESS DENIAL
PROPERTY LINE
PROPOSED TRAFFIC FLOW
PAVEMENT REMOVAL
RIPRAP
RETAINING WALL
UTILITY COMMUNICATION-FIBER OPTIC
UTILITY ELECTRIC
UTILITY SANITARY SEWER
UTILITY WATER

Travis & Bastrop Counties Transportation Foundation

TRAVIS & BASTROP COUNTIES
AUSTIN DISTRICT
CSJ:0265-03-043

SH 71 AT TUCKER HILL

AUSTIN DISTRICT ENGINEER
TERRY MCCOY, P.E.

SCHEMATIC DESIGN FOR NEW OVERPASS OF SH 71 AT TUCKER HILL LANE

FROM: 0.86 MILES WEST OF TUCKER HILL LN
TO: 0.15 MILES EAST OF TUCKER HILL LN
ROADWAY LENGTH: 1.11 MI
BRIDGE LENGTH: 0.77 MI
TOTAL LENGTH: 1.49 MI

FUNCTIONAL CLASS/ROADWAY CLASSIFICATION
PRINCIPAL ARTERIAL-URBAN FREEWAY

DESIGN SPEED

MAINLANES	50 MPH
FRONTAGE ROADS	45 MPH
RAMPS	50 MPH
CROSS STREETS	50 MPH
X MAX = 6%	

TRAFFIC DATA

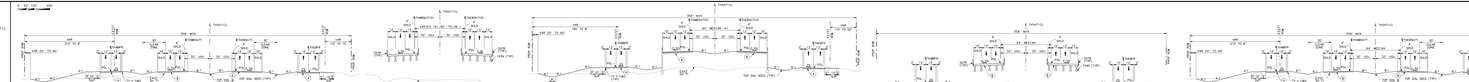
LOCATION	TRAFFIC DATA (VEHICLES/DAY)		PERCENT TRUCKS (%ADT)
	2014	2040	BASE YEAR
BETWEEN SH 71/TUCKER HILL LN	14,400	46,700	9.1%

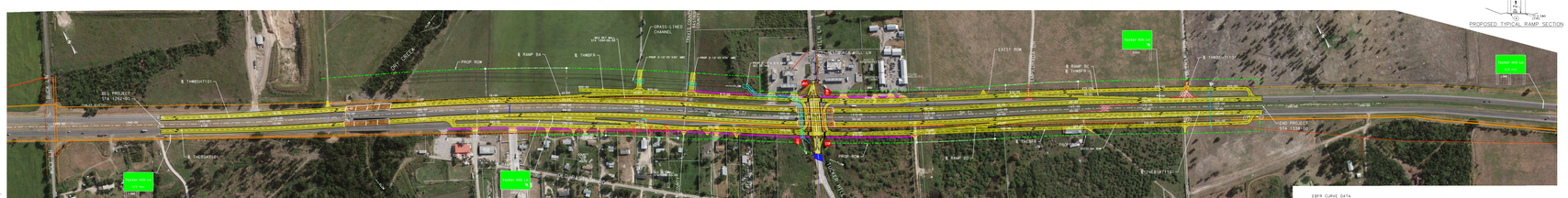
LOCATION MAP

BRIDGEFARMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
TBPE REGISTRATION NO 2614

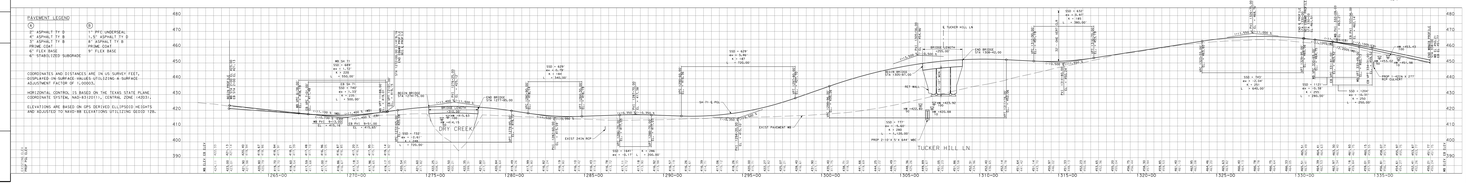
SH 71 MAINLANE
PLAN & PROFILE
90% SUBMITTAL

ROLL 1 OF 3





PRELIMINARY - SUBJECT TO CHANGE



EBFR CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00

WBFR CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00

RAMP BA CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00

RAMP BB CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00

RAMP BC CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00

RAMP BD CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00

E THIRSHTI01 CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00

E THIRSHTI101 CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00

TUCKER HILL LANE CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00
TO MATCH EXIST	TO MATCH EXIST	TO MATCH EXIST

RAMP BC CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00
TO MATCH EXIST	TO MATCH EXIST	TO MATCH EXIST

E THIRSHTI CURVE DATA

CURVE PARAMETERS	CURVE PARAMETERS	CURVE PARAMETERS
CURVE TYPE=CT1	CURVE TYPE=CT1	CURVE TYPE=CT1
DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)	DELTA= 0.00 (DD.MM.SS)
DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)	DEGREE= 0.00 (DD.MM.SS)
PI= STA 0+00.00	PI= STA 0+00.00	PI= STA 0+00.00

MBC CULVERT ALIGNMENT
FOR PROFILE - SEE ROLL 2 OF 3

	SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT	
NOT A BIDDING DOCUMENT	RECOMMENDED BY:	RECOMMENDED BY:
FEBRUARY 26, 2018		
ROBERTO GILI, P.E.	ADVANCED PROJECT DEVELOPMENT DIRECTOR	DISTRICT DESIGN ENGINEER
PLAN, REVIEW	RECOMMENDED BY:	APPROVED BY:
	AREA ENGINEER	DIRECTOR, TRANSPORTATION PLANNING & DEVELOPMENT

LEGEND

SH 71 PROPOSED ROADWAY
SHARED USES PATH (SUP)
PROPOSED CURB
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RIPRAP
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UTILITY SANITARY SEWER
UTILITY WATER

Travis & Bastrop Counties Transportation Foundation

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AUSTIN DISTRICT
CSJ:0265-03-043

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AUSTIN DISTRICT ENGINEER
TERRY MCCOY, P.E.

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EXISTING NONE
PROPOSED NONE
TUCKER HILL
AREA OF STUDY

LOCATION MAP

BRIDGEFARMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
TBPE REGISTRATION NO 2614

SH 71 MAINLANE
PLAN & PROFILE
90% SUBMITTAL

ROLL 1 OF 3