LEGEND

- Sh 71 PROPOSED ROADWAY
- SHARED USED PATH (SUP)
- PROPOSED RIGHT OF WAY
- PROPOSED MBL
- PROPOSED ACCESS DENIAL
- PROPERTY LINE
- PROPOSED TRAFFIC FLOW
- PAVEMENT REMOVAL
- RIPRAP
- RETAINING WALL
- UTILITY TELECOMMUNICATION/FIBER OPTIC
- UTILITY ELECTRIC
- UTILITY SANITARY SEWER
- UTILITY WATER

BASTROP COUNTY
TRANSPORTATION TABLE
AUSTIN DISTRICT
CSJ:0265-03-042

SH 71 AT POPE BEND

AUSTIN DISTRICT ENGINEER
TERRY MCCOY, P.E.

SCHEMATIC DESIGN FOR NEW OVERPASS OF SH 71 AT POPE BEND ROAD

FROM: 0.40 MILES WEST OF POPE BEND RD
TO: 0.60 MILES EAST OF POPE BEND RD
MAINLANE LENGTH: 1.00 MI
RAMP LENGTH: 0.55 MI
TOTAL LENGTH: 1.55 MI

FUNCTIONAL CLASS/ROADWAY CLASSIFICATION
PRINCIPAL ARTERIAL/URBAN FREEWAY

DESIGN SPEED	
MAINLANES:	60 MPH
CROSS ROADS:	40 MPH
RAMPS:	30 MPH
CROSS STREETS:	30 MPH
V MAX = 65	

TRAFFIC DATA			
LOCATION	HOURLY DAILY TRAFFIC (VPD)		AVERAGE DAILY TRAFFIC (VPD)
	2014	2040	BASE YEAR
BELOW SH 71 AT POPE BEND RD	14,540	46,700	9.55

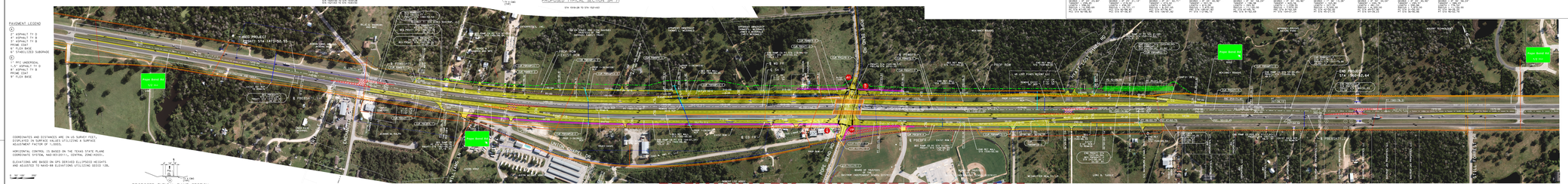
EXISTING/ON NONE
PROPOSED/ON NONE
RETAINING/ON NONE

LOCATION MAP

BRIDGEFARMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
TBPE REGISTRATION NO. 284

SH 71 MAINLANE
PLAN & PROFILE
100% SUBMITTAL

ROLL 1 OF 3



CL MAINLANE CURVE DATA							
CURVE PROJECT=1	CURVE PROJECT=2	CURVE PROJECT=3	CURVE PROJECT=4	CURVE PROJECT=5	CURVE PROJECT=6	CURVE PROJECT=7	CURVE PROJECT=8
DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00

EBFR CURVE DATA							
CURVE PROJECT=1	CURVE PROJECT=2	CURVE PROJECT=3	CURVE PROJECT=4	CURVE PROJECT=5	CURVE PROJECT=6	CURVE PROJECT=7	CURVE PROJECT=8
DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00

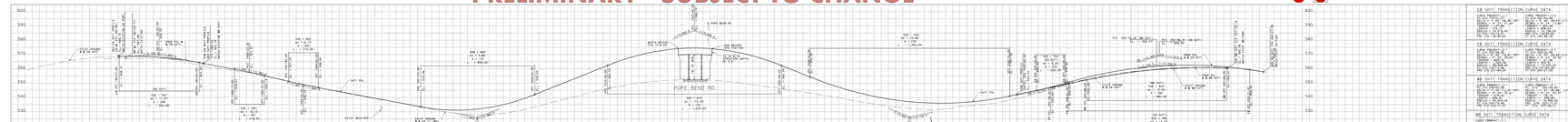
POPE BEND RD							
CURVE PROJECT=1	CURVE PROJECT=2	CURVE PROJECT=3	CURVE PROJECT=4	CURVE PROJECT=5	CURVE PROJECT=6	CURVE PROJECT=7	CURVE PROJECT=8
DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00

WBFR CURVE DATA							
CURVE PROJECT=1	CURVE PROJECT=2	CURVE PROJECT=3	CURVE PROJECT=4	CURVE PROJECT=5	CURVE PROJECT=6	CURVE PROJECT=7	CURVE PROJECT=8
DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00

RAMP C4 CURVE DATA							
CURVE PROJECT=1	CURVE PROJECT=2	CURVE PROJECT=3	CURVE PROJECT=4	CURVE PROJECT=5	CURVE PROJECT=6	CURVE PROJECT=7	CURVE PROJECT=8
DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00

RAMP C6 CURVE DATA							
CURVE PROJECT=1	CURVE PROJECT=2	CURVE PROJECT=3	CURVE PROJECT=4	CURVE PROJECT=5	CURVE PROJECT=6	CURVE PROJECT=7	CURVE PROJECT=8
DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00

RAMP D2 CURVE DATA							
CURVE PROJECT=1	CURVE PROJECT=2	CURVE PROJECT=3	CURVE PROJECT=4	CURVE PROJECT=5	CURVE PROJECT=6	CURVE PROJECT=7	CURVE PROJECT=8
DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00	PI=0.00+00.00



EB SH71 TRANSITION CURVE DATA	
CURVE PROJECT=1	CURVE PROJECT=2
DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00

EB SH71 TRANSITION CURVE DATA	
CURVE PROJECT=1	CURVE PROJECT=2
DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00

WB SH71 TRANSITION CURVE DATA	
CURVE PROJECT=1	CURVE PROJECT=2
DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00

WB SH71 TRANSITION CURVE DATA	
CURVE PROJECT=1	CURVE PROJECT=2
DELTA=0.1000000-D	DELTA=0.1000000-D
DEGREE=0.0000000-D	DEGREE=0.0000000-D
LENGTH=0.0000000	LENGTH=0.0000000
PI=0.00+00.00	PI=0.00+00.00

NOT A BIDDING DOCUMENT
JULY 16, 2018

JOHN M. LANGSTON, P.E.
PROJECT MANAGER

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT
RECOMMENDED BY: RECOMMENDED BY:
ADVANCED PROJECT DEVELOPMENT DIRECTOR
DISTRICT DESIGN ENGINEER
RECOMMENDED BY: APPROVED BY:
AREA ENGINEER
DIRECTOR, TRANSPORTATION PLANNING & DEVELOPMENT

LEGEND

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- PROPOSED MBL
- PROPOSED ACCESS DENIAL
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ROLL 1 OF 3

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SH 71 AT POPE BEND RD.