LEGEND

- SH 71 PROPOSED ROADWAY
- SHARED USED PATH (SUP)
- PROPOSED ROW
- PROPOSED ROW
- PROPERTY LINE
- PROPOSED TRAFFIC FLOW
- PAVEMENT REMOVAL
- PROPOSED PAVEMENT
- TEMPORARY PAVEMENT IN CONSTRUCTION
- PREVIOUSLY CONSTRUCTED PAVEMENT
- UTILITY ELECTRIC
- UTILITY COMMUNICATION / FIBER OPTIC
- UTILITY ELECTRIC
- UTILITY SANITARY SEWER
- UTILITY WATER

TRAVIS COUNTY
CITY OF DEL VALLE
AUSTIN DISTRICT

CSJ#0265-02-036

SH 71 AT ROSS-KELLAM

AUSTIN DISTRICT ENGINEER
TERRY McCOY, P.E.

SCHEMATIC DESIGN FOR NEW OVERPASSES OF SH 71 AT ROSS RD AND KELLAM RD

FROM: EAST OF SH 130
TO: EAST OF KELLAM RD

ROADWAY LENGTH: 2.76 MI
BRIDGE LENGTH: 0.14 MI
TOTAL LENGTH: 2.46 MI

FUNCTIONAL CLASS
URBAN FREEWAY

DESIGN SPEED
MAINLANES: 50 MPH (MIN: 70 MPH (DESIRED)
SERVICE ROADS: 30 MPH
RAMPS: 50 MPH
CROSS STREETS: 30-45 MPH
BRS = 85

TRAFFIC DATA

LOCATION	2015 ADT	2040 ADT	PEAKING FACTOR
SH 71 MAINLANE	45,700	78,500	5.5%
SH 71 RAMP AM	1,100	1,900	10.0%
SH 71 RAMP PM	1,100	1,900	10.0%
SH 71 CROSSROADS	32,400	65,600	7.6%

BRIDGEFARMER & ASSOCIATES, INC.
TBPE FIRM F-2579
TBPLS FIRM 10194-00

APRIL 14, 2017

90% SCHEMATIC REVIEW
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

JAMES W. LANGSTON, PE 73881

MAINLANE
PLAN & PROFILE

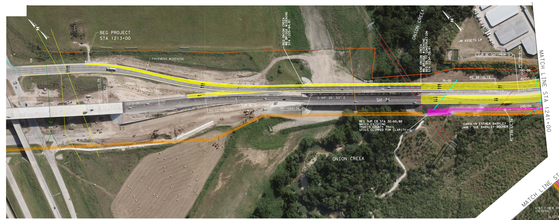
ROLL 1 OF 3

SCHEMATIC PLAN & PROFILE

SH-71 AT SH 130 TO ROSS RD

CSJ:0265-02-036

ROLL 1 OF 3



BEGIN PROJECT
STA 1213+00
END PROJECT
STA 1345+00
ONION CREEK
ROSS RD
KELLAM RD
SH 71 EB
SH 71 WB
TRAVIS COUNTY
CITY OF DEL VALLE
CVS PHARMACY, INC
CITY BURIAL FAMILY FUNAL, INC
KELLAM ROAD, LLC
HC JOHNSON, LTD
TEXAS STATE NB
SUNOCO
SUNOCO
CITY OF DEL VALLE
DEL VALLE CITY HALL
DEL VALLE FIRE DEPT
DEL VALLE ISD
DEL VALLE ISD
DEL VALLE ISD