ALTERNATIVE #3

CONSTRUCT GENERAL PURPOSE LANES AND DIRECT CONNECTORS BETWEEN SH 199 AND I-820

TEXAS DEPARTMENT OF TRANSPORTATION
FORT WORTH DISTRICT
LOYL C. BUSSELL, P.E. - DISTRICT ENGINEER

PUBLIC MEETING DISPLAY
FEBRUARY 19, 2019
SH 199 (INCLUDING I-820 INTERCHANGE)
ALTERNATIVE 3

SH 199
FROM AZLE AVE EAST TO BPAY STREET

I-820
FROM NAVAJO TRAIL/CAHOBA DRIVE
TO MARINE CREEK PARKWAY

PROJECT LOCATION MAP
(NOT TO SCALE)

ROADWAY TYPE	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
I-820 MAINLANES	50 MPH	URBAN INTERSTATE
SH 199 MAINLANES	50 MPH	URBAN PRINCIPAL ARTERIAL
FRONTAGE ROAD	40 MPH	URBAN STREET (COLLECTOR)
COLLECTOR-DISTRIBUTOR (C-D)	50 MPH	URBAN FREEWAY (C-D)
DIRECT CONNECTOR (DC)	45 MPH	URBAN FREEWAY (DC)
RAMPS	50 MPH	URBAN FREEWAY RAMPS
CROSS STREET	40 MPH	URBAN STREET

TRAFFIC DATA						
TRAFFIC VOLUMES BASED ON:	SH 199		I-820		I-820	
YEAR 2040 PROJECTIONS	FROM		FROM		FROM	
APPROVED BY TXDOT	AZLE AVE		NAVAJO TR		SH 199	
TPRP DIVISION	TO		TO		TO	
	I-820		SH 199		MARINE CREEK PKWY	
DIRECTIONAL DISTRIBUTION	41/59		49/51		51/49	
PERCENT TRUCKS OF DHV	1.1 %		2.3 %		2.3 %	
K FACTOR	11.0		9.0		9.0	
TRAFFIC VOLUME:	EB	WB	EB	WB	EB	WB
CURRENT ADT (2017)	17,430	25,180	32,020	33,290	43,230	40,730
PROJECTED ADT (2020)	18,510	26,700	33,950	35,290	45,840	43,190
PROJECTED ADT (2040)	25,490	36,780	40,750	48,480	63,120	59,480

PRELIMINARY
NOT INTENDED FOR CONSTRUCTION, BIDDING, AND OR PERMIT PURPOSES

COBB, FENDLEY, & ASSOCIATES, INC.
TBPE Firm Registration No. 275, TBPLS Firm Registration No. 10040
2601 Network Boulevard, Suite 800
Frisco, Texas 75034
972.335.3214 fax 972.335.3311 www.cobbfendley.com

PREPARED UNDER THE SUPERVISION OF
MARK C. LORANCE, P.E. 82013 FEBRUARY 19, 2019
P.E. # DATE

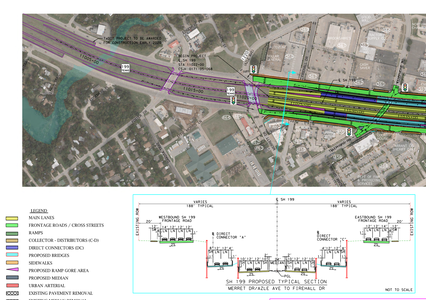
HORIZONTAL 0 20 40
VERTICAL 0 2 4
GRAPHIC SCALES IN FEET

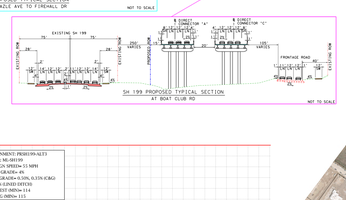
ROLL 1 OF 1

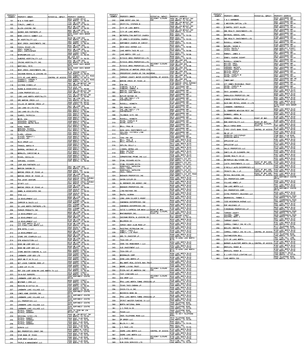
ALTERNATIVE 3
PUBLIC MEETING DISPLAY
FEBRUARY 19, 2019

ROLL 1 OF 1

SH 199 (CSJ: 0171-05-068)
TARRANT COUNTY

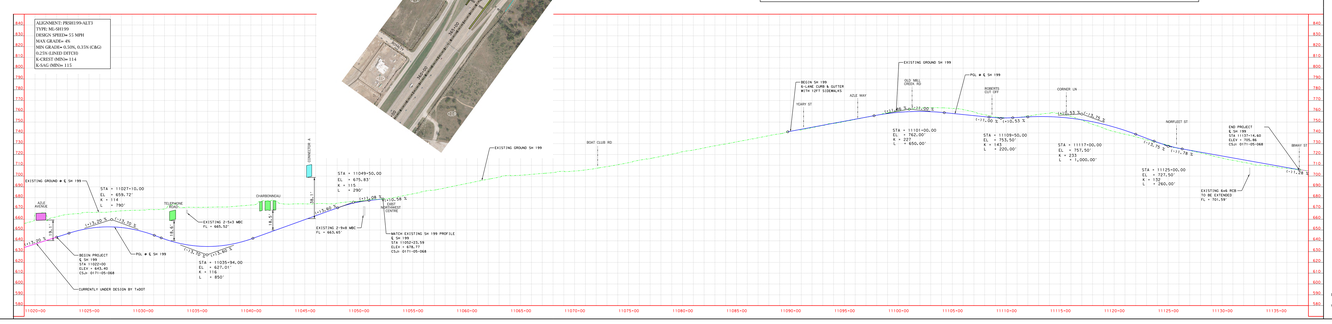






LEGEND
- MAIN LANES
- FRONTAGE ROADS / CROSS STREETS
- RAMPS
- COLLECTOR - DISTRIBUTORS (C-D)
- DIRECT CONNECTORS (DC)
- PROPOSED BRIDGES
- SIDEWALKS
- PROPOSED RAMP GORE AREA
- PROPOSED MEDIAN
- URBAN ARTERIAL
- EXISTING PAVEMENT REMOVAL
- EXISTING MEDIAN REMOVAL
- EXISTING BRIDGE TO REMAIN
- TxDOT PROJECT
- BUSINESS NAME / TENANT
- EXISTING RIGHT-OF-WAY
- EXISTING CONTROL-OF-ACCESS
- PROPOSED RIGHT-OF-WAY
- PROPOSED CONTROL-OF-ACCESS
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- RETAINING WALL
- BRIDGE BENTS
- FEMA FLOOD ZONE
- SIGNALIZED INTERSECTION
- POTENTIAL DISPLACEMENT
- EXISTING EASEMENT
- PROPERTY LINE

AERIAL IMAGE PHOTOGRAPH DATE: NOVEMBER 10, 2016



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FRONTAGE ROAD 40 MPH URBAN STREET (COLLECTOR)
COLLECTOR-DISTRIBUTOR (C-D) 50 MPH URBAN FREEWAY (C-D)
DIRECT CONNECTOR (DC) 45 MPH URBAN FREEWAY (DC)
RAMPS 50 MPH URBAN FREEWAY RAMPS
CROSS STREET 40 MPH URBAN STREET

TRAFFIC DATA
TRAFFIC VOLUMES BASED ON: SH 199 I-820 I-820
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APPROVED BY TXDOT AZLE AVE NAVAJO TR SH 199
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