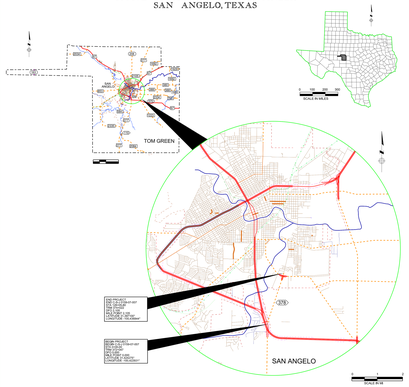
STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT OF PROPOSED STATE HIGHWAY IMPROVEMENT
SL 378 - TOM GREEN
OFFICE OF THE DISTRICT ENGINEER
SAN ANGELO, TEXAS



SL 378
LIMITS FROM FM 1223 TO US 87
CONTROL: 0159
PROJECT:
JOB: 007
LENGTH = 2.155 MILES

DESIGN SPEED:
SL 378 = 50MPH
THE CROSSING AVENUE = 40MPH
FAIRVIEW SCHOOL ROAD = 40MPH

SL 378:
FUNCTIONAL CLASS: MAJOR COLLECTOR
TERRAIN: LEVEL

FM1223:
FUNCTIONAL CLASS: MINOR ARTERIAL
TERRAIN: LEVEL

TRAFFIC DATA:
EXISTING: ADT YEAR 2019= 8,200
ADT YEAR 2039= 12,600

EXCEPTIONS: NONE
EQUATIONS: NONE
RAILROAD CROSSINGS: NONE

INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE, NOT INTENDED
FOR CONSTRUCTION, BIDDING OR CONSTRUCTION PURPOSES
P.E. SERIAL NO.:
DATE:

APPROVED BY DESIGN DIVISION
LETTER DATED

CORRECT:
2019
TRANSPORTATION PLANNING DIRECTOR

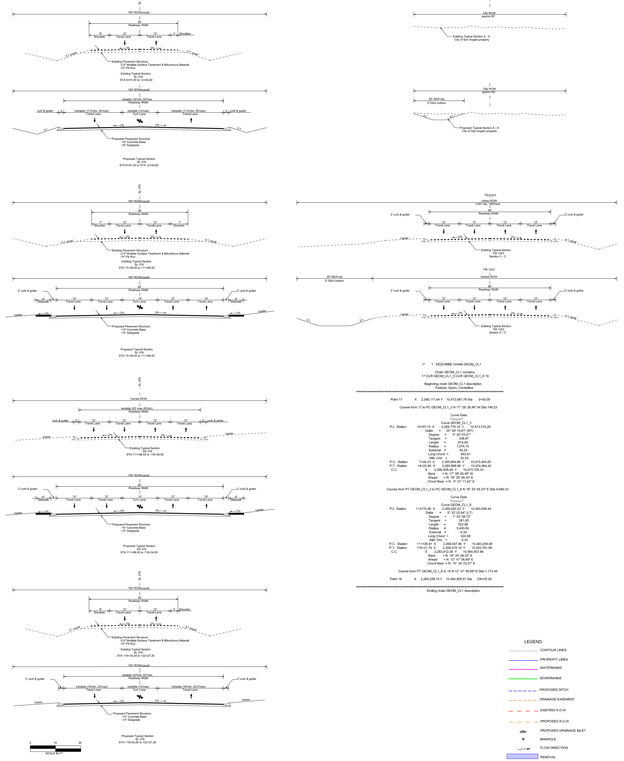
APPROVED BY F.H.W.A.
LETTER DATED

CORRECT:
2019
DIRECTOR OF TRANSPORTATION PLANNING AND DEVELOPMENT

RECOMMENDED FOR APPROVAL:
2019
DISTRICT ENGINEER

TXDOT - SAN ANGELO

2019
Texas Department of Transportation



✓ 1 DESCRIBE CHAIN GEOM_CL1
Chain GEOM_CL1 = chain(s)
17 CLAS GEOM_CL1_CLAS GEOM_CL1_0 - 16

Beginning chain GEOM_CL1 description
Fairview Street Connection

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Point 17          X:  2,266,111.64 Y:  10,472,921.78 Elev:   0+00.00

Course from 17 to PC GEOM_CL1_0 N 17° 35' 26.48" E Dist:746.23

                  Curve Data
                  Curve GEOM_CL1_0
                  Curve GEOM_CL1_0
P.I.  Station:  10+07.05 N:  2,266,776.16 E:  10,473,723.20
                  Degree  =   5° 00' 00.00"
                  Radius  =   1146.28
                  Tangent =   374.85
                  Length  =   674.00
                  Chord   =   664.41
                  External =  35.91
                  Long Chord =  661.01
P.C.  Station:  7+48.20 N:  2,266,366.46 E:  10,473,400.83
P.T.  Station:  14+22.20 N:  2,266,958.98 E:  10,473,084.83
C.C.          X:  2,266,906.49 Y:  10,472,726.33
                  Chord Bearing = N 14° 35' 26.48" E
                  Chord Bear = N 14° 35' 26.48" E

Course from PT GEOM_CL1_0 to PC GEOM_CL1_1 N 11° 35' 45.32" E Dist:9,886.03

                  Curve Data
                  Curve GEOM_CL1_1
P.I.  Station:  113+70.50 N:  2,269,866.64 E:  10,480,398.44
                  Delta   =   5° 32' 02.64" S (LT)
                  Degree  =   0° 30' 00.00"
                  Tangent =   241.62
                  Length  =   483.98
                  Chord   =   483.85
                  External =  5.34
                  Long Chord =  483.72
                  Mid Ord =   5.33
P.C.  Station:  111+88.88 N:  2,268,937.34 E:  10,480,266.06
P.T.  Station:  116+72.86 N:  2,269,378.16 E:  10,480,464.38
C.C.          X:  2,268,276.46 Y:  10,480,267.06
                  Chord Bearing = S 08° 49' 26.68" E
                  Chord Bear = S 08° 49' 26.68" E

Course from PT GEOM_CL1_1 to 18 N 12° 47' 56.69" E Dist:1,173.49

Point 18          X:  2,269,236.10 Y:  10,481,629.31 Elev:   0+00.28

Ending chain GEOM_CL1 description
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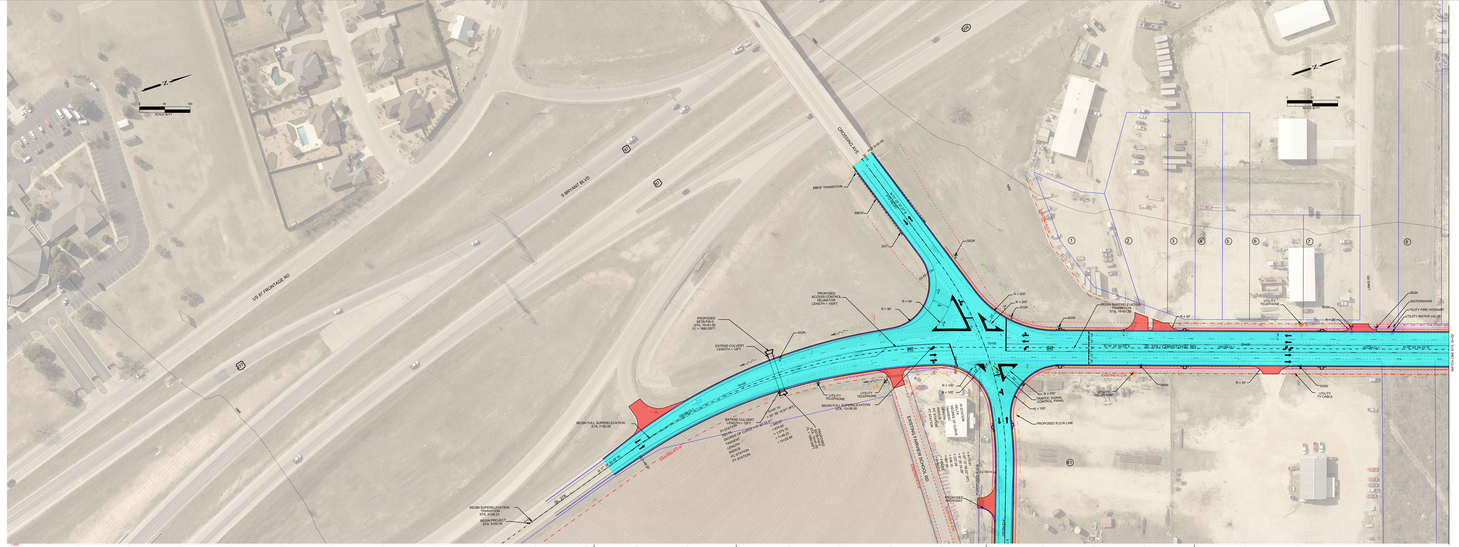
LEGEND

- CONTOUR LINES
- PROPERTY LINES
- WATERMAINS
- SEWERMAINS
- PROPOSED DITCH
- DRAINAGE EASEMENT
- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED DRAINAGE INLET
- MANHOLE
- FLOW DIRECTION
- REMOVAL
- TRAFFIC CONE
- SIDEWALK
- PAVEMENT MARKING 4" YELLOW SKIP 10-30'
- PAVEMENT MARKING 4" WHITE 6'-10'
- PROPOSED DRIVEWAY

PRELIMINARY
SUBJECT TO CHANGE

NOTE: EXISTING R.O.W TO BE VERIFIED ON DURING THE PS&E STAGE.


SCALE IN FEET
CROSSING AVE
E BRYANT BLVD
US 87 PROCHNOW RD
MEDIAN TRANSITION
PROPOSED RETAINING WALL
PROPOSED RETAINING WALL
EXISTING CULVERT
EXISTING CULVERT
EXISTING CULVERT