Texas Department of Transportation

FM 659 (ZARAGOZA ROAD)/ MONTWOOD DR / LOOP 375 (JOE BATTLE BLVD) INTERSECTION PROJECT

EL PASO, TEXAS

FILE:	CONTROL	SECTION	JOB	HIGHWAY

DISTRICT	COUNTY	CONTROL	SECTION	JOB	HIGHWAY NO.

ROLL 1 OF 1

REVISION DATE: 12/18/2015	12/18/2015	12/18/2015	12/18/2015	12/18/2015
FILE:	ROLL: 1 OF 1	CONTROL:	SECTION:	JOB:
DISTRICT: EL PASO	COUNTY: EL PASO	CONTROL:	SECTION:	JOB:
HIGHWAY NO.: FM 659				

VICINITY MAP
NOT TO SCALE

TEXAS COUNTY MAP
NOT TO SCALE

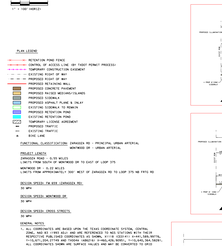
P.E. SEAL

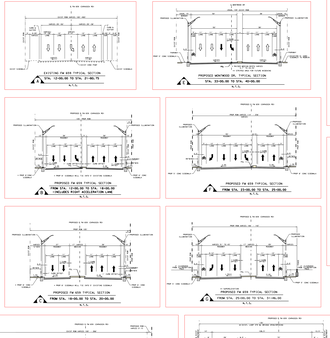
PRELIMINARY
Document incomplete not intended for permit, bidding or construction.

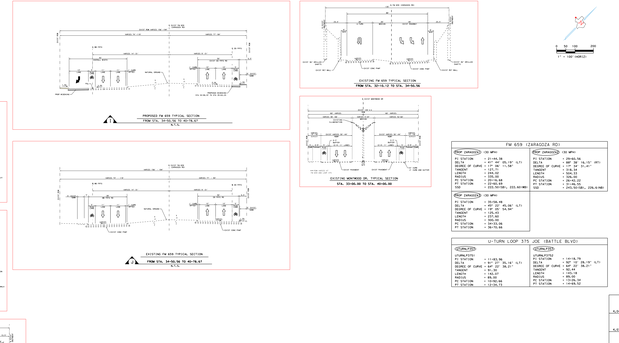
P.E. Serial No. 12345
Date: 12/29/2017

100% SUBMITTAL

REVISION DATE: 12/18/2015	12/18/2015	12/18/2015	12/18/2015	12/18/2015
FILE:	ROLL: 1 OF 1	CONTROL:	SECTION:	JOB:
DISTRICT: EL PASO	COUNTY: EL PASO	CONTROL:	SECTION:	JOB:
HIGHWAY NO.: FM 659				

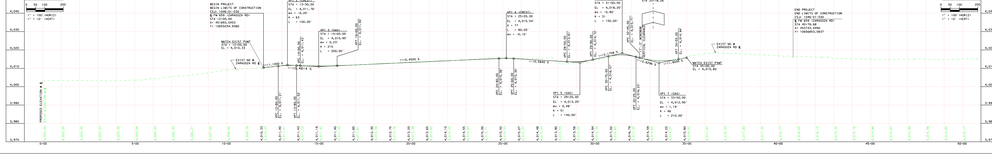

EXISTING R.O.W. CONTROL LINE
PROPOSED R.O.W. CONTROL LINE
EXISTING R.O.W.
PROPOSED R.O.W.
EXISTING CURB
PROPOSED CURB
EXISTING EDGE OF PAVEMENT
PROPOSED EDGE OF PAVEMENT
EXISTING CONCRETE PAVEMENT
PROPOSED CONCRETE PAVEMENT
PROPOSED CONCRETE PAVEMENT
PROPOSED SIDEWALK
PROPOSED ASPHALT PLANE & INLAY
PROPOSED RETENTION WALL
PROPOSED RETENTION POND
EXISTING RETENTION POND
PROPOSED TEMPORARY EASEMENT
PROPOSED TRAFFIC
EXISTING TRAFFIC
BIKE LANE
FUNCTIONAL CLASSIFICATION: ZARAGOZA RD - PRINCIPAL URBAN ARTERIAL
MONTWOOD DR - URBAN ARTERIAL
PROJECT LENGTH:
ZARAGOZA ROAD - 0.55 MILES
LIMITS FROM APPROXIMATELY 300' WEST OF ZARAGOZA RD TO EAST OF LOOP 375
MONTWOOD DR - 0.35 MILES
LIMITS FROM APPROXIMATELY 300' WEST OF ZARAGOZA RD TO LOOP 375 NB FRYG RD
DESIGN SPEED: FM 659 (ZARAGOZA RD):
50 MPH
DESIGN SPEED: MONTWOOD DR:
30 MPH
DESIGN SPEED: CROSS STREETS:
30 MPH
GENERAL NOTES:
1. ALL COORDINATES ARE BASED UPON THE TEXAS COORDINATE SYSTEM, CENTRAL ZONE, NAD 83/2011 (EPOCH 2010.00) AS DEFINED BY THE LATEST EDITION OF THE NGS PUBLISHED PUBLISHED COORDINATES AS SHOWN. X:1-18 (CO2-01-1 X=451,584.9679, Y=15,671,274.3779) AND THEIRON (ABOVE) X=MAG.ADJ.NORM(X), Y=Y(LAT)*MAG.FACTOR(X-X1)+Y(LAT)-X(LAT)*MAG.FACTOR(Y-Y1) ELEVATIONS ARE BASED UPON THE TEXAS COORDINATE SYSTEM OF 1983(2011) ELEVATIONS ARE BASED UPON THE TEXAS COORDINATE SYSTEM OF 1983(2011) ELEVATIONS ARE BASED UPON THE TEXAS COORDINATE SYSTEM OF 1983(2011) ELEVATIONS ARE PUBLISHED ELEVATION OF X1-18 (CO2-01-1), ELEVATION = 3985.114
UNIT OF MEASURE: US U.S. SURVEY FOOT.
2. PROJECT CONTROL POINTS: CPS-REFERENCE MONUMENT LOCATED APPROX. 0.38 MILES (600') WEST OF LOOP 375, ON THE NORTH SIDE OF FM659, 300 WEST OF LOOP 375.
CPS-REFERENCE MONUMENT LOCATED APPROX. 0.38 MILES (600') WEST OF LOOP 375, ON THE NORTH SIDE OF FM659, 300 WEST OF LOOP 375.
3. ALL DRIVEWAYS IMPACTED BY PROPOSED CONSTRUCTION TO BE RECONSTRUCTED.
4. PROFILES OF OTHER CROSS STREETS AND MAJOR INTERSECTIONS MAY REQUIRE ADJUSTMENT DURING THE FINAL PHASE DUE TO THE RAPID DEVELOPMENT FOR THE PROJECT AREA.





FM 659 (ZARAGOZA RD)	
BEGIN (ZARAGOZA) (50 MPH)	
PI STATION	27+91.35
DELTA	0° 17' 00" (RT)
DEGREE OF CURVE	1° 00' 00"
TANGENT	1.25 FT
RADIUS	5,729.58
LENGTH	2.50 FT
PT STATION	27+93.85
END (ZARAGOZA) (50 MPH)	
PI STATION	28+04.94
DELTA	0° 17' 00" (RT)
DEGREE OF CURVE	1° 00' 00"
TANGENT	1.25 FT
RADIUS	5,729.58
LENGTH	2.50 FT
PT STATION	28+07.44
BEGIN (MONTWOOD) (30 MPH)	
PI STATION	20+00.00
DELTA	90° 00' 00" (LT)
DEGREE OF CURVE	14° 32' 00"
TANGENT	19.68 FT
RADIUS	394.00
LENGTH	31.42 FT
PT STATION	20+31.42
END (MONTWOOD) (30 MPH)	
PI STATION	20+00.00
DELTA	90° 00' 00" (LT)
DEGREE OF CURVE	14° 32' 00"
TANGENT	19.68 FT
RADIUS	394.00
LENGTH	31.42 FT
PT STATION	20+31.42

U-TURN LOOP 375 JOE (BATTLE BLVD)	
BEGIN (PC)	
STATION/POINT	1+11.95
DELTA	90° 00' 00" (LT)
DEGREE OF CURVE	14° 32' 00"
TANGENT	19.68 FT
RADIUS	394.00
LENGTH	31.42 FT
PT STATION	1+43.36
END (PT)	
STATION/POINT	1+11.95
DELTA	90° 00' 00" (LT)
DEGREE OF CURVE	14° 32' 00"
TANGENT	19.68 FT
RADIUS	394.00
LENGTH	31.42 FT
PT STATION	1+43.36


DESIGN SPEED: 50 MPH
BEGIN PROJECT
BEGIN PROJECT CONSTRUCTION
FM659 (ZARAGOZA RD)
STA. 13+00.00
N: 15,671,274.3779
E: 451,584.9679
BEGIN CROSS SLOPE
STA. 13+00.00
N: 15,671,274.3779
E: 451,584.9679
EXIST BC PG
EXISTING
EXIST BC PG
EXISTING
LT-LANE
LT-LANE
LT-LANE