# Texas Department of Transportation

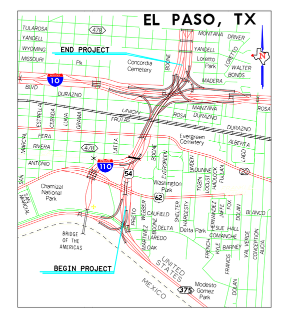
# 100% SUBMITTAL

GEOMETRIC LAYOUT OF
I-10 CONNECT
(US 54, I-10, I-110, SL 375, & US 62)
EL PASO, TEXAS

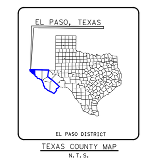
ROLL 1 OF 2

| DATE: | STATE DISTRICT | COUNTY | CONTROL NO. | SEC. NO. | JOB NO. |
|---|---|---|---|---|---|
| 04-03-18 | | | | | |
| REVISION DATE: N/A | ELP | EL PASO | 0167 | 01 | 113 |

0 25 50 100
SCALE IN FEET




VICINITY MAP
N.T.S.




TEXAS COUNTY MAP
N.T.S.

NOT A BIDDING DOCUMENT
BRIAN SWINDELL
PROJECT ENGINEER'S NAME
80688
TEXAS REGISTRATION NUMBER
6/25/18
DATE

## LEGEND

| | |
|---|---|
| EXISTING R.O.W. | |
| EXISTING R.O.W. / C.O.A. | |
| PROPOSED R.O.W. / C.O.A. | |
| EXISTING RAILROAD | |
| EXISTING CULVERT | |
| PROPOSED OUTFLOW | |
| PROPOSED BOX CULVERT | |
| EXISTING LANE DIRECTIONAL INDICATOR | |
| PROPOSED LANE DIRECTIONAL INDICATOR | |
| CANTILEVER OVERHEAD SIGN STRUCTURE (COSS) | |
| OVERHEAD SIGN BRIDGE (OSB) | |
| PROPOSED RETAINING WALL | |
| *POTENTIAL NOISE WALL | |
| SECTION MARKER | |
| PROPOSED MAINLANE | |
| PROPOSED DIRECT CONNECTOR | |
| PROPOSED RAMP | |
| PROPOSED ARTERIAL | |
| PROPOSED COLLECTOR/LOCAL | |
| EXISTING DETENTION POND | |
| PROPOSED DETENTION POND | |
| EXISTING RETENTION POND | |
| PAVEMENT/STRUCTURE REMOVAL | |
| BUILDING IMPACTED | |
| CONSTRUCTION EASEMENT | |
| PARCEL ID | |

*POTENTIAL NOISE WALLS ARE SUBJECT TO CHANGE PENDING RESULTS OF THE NOISE WORKSHOP.

## PROJECT LENGTH:

LIMITS FROM APPROXIMATELY LOOP 375 TO APPROXIMATELY YANDELL DRIVE

## DESIGN SPEED:

| MAINLANES: | RAMPS/DC: | ARTERIALS | COLLECTOR/LOCAL |
|---|---|---|---|
| 50 MPH | 35 MPH MINIMUM<br>50 MPH MAXIMUM | 45 MPH | 20 MPH MINIMUM<br>30 MPH MAXIMUM |

## GENERAL NOTES:

1.) COORDINATES SHOWN ARE SURFACE COORDINATES IN U.S. SURVEY FEET BASED UPON THE TEXAS COORDINATE SYSTEM OF 1983 (NAD 83 STATE PLANE COORDINATES) CENTRAL ZONE (4203) WITH A SURFACE ADJUSTMENT FACTOR OF 1.000231000 (GRID X 1.000231000 = SURFACE COORDINATES).

2.) BEARINGS SHOWN ARE GRID BEARINGS BASED UPON THE TEXAS COORDINATE SYSTEM OF 1983 (NAD 83 STATE PLANE COORDINATES) CENTRAL ZONE (4203).

3.) SURVEY WAS BASED ON THE FOLLOWING CONTROL POINTS PROVIDED BY TXDOT. SEE ENGINEERING SUMMARY REPORT FOR ADDITIONAL DETAILS.

| POINT NO. | NORTHING | EASTING | ELEVATION |
|---|---|---|---|
| G100 | 10663747.210 | 398726.680 | 3700.970 |
| 5007 | 10663252.187 | 398147.092 | 3718.390 |
| 5010 | 10661247.515 | 397563.606 | 3724.997 |
| 5005 | 10665275.284 | 393141.153 | 3722.929 |
| 5006 | 10667113.874 | 399910.295 | 3753.449 |
| 5002 | 10664535.114 | 404845.963 | 3764.078 |
| G103 | 10662141.840 | 396452.640 | 3713.350 |
| G104 | 10659850.660 | 397162.590 | 3700.370 |

4.) EXISTING RIGHT OF WAY SHOWN WAS DERIVED FROM TXDOT AS-BUILT PLANS.

5.) REFER TO ENGINEERING SUMMARY REPORT APPENDIX A AND APPENDIX B FOR ADDITIONAL DETAILS ON TRAFFIC

6.) REFER TO ENGINEERING SUMMARY REPORT APPENDIX F FOR ADDITIONAL DETAILS ON DRAINAGE

7.) REFER TO ENGINEERING SUMMARY REPORT APPENDIX O FOR ADDITIONAL DETAILS ON SIGNAGE

8.) REFER TO ENGINEERING SUMMARY REPORT APPENDIX U FOR ADDITIONAL DETAILS ON ITS

9.) REFER TO ENGINEERING SUMMARY REPORT APPENDIX V FOR ADDITIONAL DETAILS ON ILLUMINATION

PRELIMINARY
THIS PRINT IS FURNISHED FOR INFORMATION ONLY. THE PLAN INFORMATION OR OTHER DATA SHOWN HEREON IS SUBJECT TO CHANGE AND MUST NOT BE CONSTRUED AS FINAL.

| FED. RD. DIV. NO. | STATE AID PROJECT NO. | | SHEET NO. |
|---|---|---|---|
| X | | | 1 |
| STATE | STATE DISTRICT | COUNTY | |
| TEXAS | ELP | EL PASO | |
| CONT. | SECT. | JOB | HIGHWAY NO. |
| 0167 | 01 | 113 | US 54 |

DRAWN BY: D.S.
CHECK BY: B.S.

$FILE$

Texas Department of Transportation
100% SUBMITTAL
GEOMETRIC LAYOUT OF I-10 CONNECT (US 54, I-10, I-110, SL 375, & US 62) EL PASO, TEXAS
EL PASO, TX
VICINITY MAP
PRELIMINARY