Texas Department of Transportation

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Texas Registered Engineering Firm F-2397

PROPOSED SCHEMATIC LAYOUT
I-10 COLLECTOR-DISTRIBUTOR PROJECT
EL PASO, TEXAS

PROJECT LIMITS
FROM: APPROX. 0.5 MILES WEST OF SH 20 (MESA ST.)
TO: APPROX. 0.3 MILES EAST OF EXECUTIVE CENTER BLVD
APPROXIMATE LENGTH: 5.75 MILES

DATE: 06-5-2012	STATE DISTRICT	COUNTY	CONTROL NO.	SEC. NO.	JOB NO.	HWY NO.	ROLL 1 OF 2
REVISION DATE: 00-00-00	ELP	EL PASO	2121	02	137	I-10	CHECKED BY: MS

5/29/2012 1:58:21 PM

CITY OF EL PASO

PROJECT LIMITS

EL PASO, TEXAS

EL PASO DISTRICT

CIUDAD JUAREZ

VICINITY MAP

NOT TO SCALE

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.

NOT A BIDDING DOCUMENT

ABRAHAM A. ABUGATTAS, P.E.
34940
TEXAS REGISTRATION NUMBER
JUNE 5, 2012
DATE

NOT A BIDDING DOCUMENT

JAVIER J. MURILLO, P.E.
93726
TEXAS REGISTRATION NUMBER
JUNE 5, 2012
DATE

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PLAN LEGEND

- ℄ I-10 — ROADWAY IDENTIFICATION
- 20R1HP-1 — CURVE NUMBER
- EXISTING ROW
- PROPOSED ROW
- EXISTING LANE DIRECTIONAL INDICATOR
- PROPOSED LANE DIRECTIONAL INDICATOR
- ACCESS DENIAL LINE
- SECTION MARKER
- GUIDE SIGN STRUCTURE
- GUIDE SIGN POST
- PROPOSED HIGH MAST ILLUMINATION
- PROPOSED SAFETY ILLUMINATION
- PROPOSED ILLUMINATION UNDER BRIDGE
- EXISTING PAVEMENT
- EXISTING STRUCTURE
- PAVEMENT / STRUCTURE REMOVAL
- PROPOSED I-10 & US 85 MAINLANES
- PROPOSED COLLECTOR-DISTRIBUTORS
- PROPOSED FRONTAGE ROADS & CROSS STREETS
- PROPOSED DIRECT CONNECTORS & GROUND RAMPS
- PROPOSED U-TURNS
- PROPOSED BRIDGE STRUCTURES
- PROPOSED RETAINING WALLS
- EXISTING CULVERTS
- PROPOSED CULVERTS
- BORING

UTILITY LEGEND

- GAS LINE
- SEWER LINE
- ELECTRIC LINE
- WATER LINE
- FIBER OPTIC LINE

TYPICAL SECTION LEGEND

- (A) 13" CRCP
- (B) 4" HMACP (TY D)
- (C) 6" CEMENT TREATED SUBGRADE (4% BY WEIGHT)
- EXISTING GROUND
- PROPOSED GROUND

GENERAL NOTES

1. PROJECT DESIGN UNITS ARE FEET.
2. DESIGN VEHICLE USED WB-62TX.
3. GEOMETRICS ARE BASED ON TXDOT ROADWAY DESIGN MANUAL, MAY 2010 AND AAHSTO MANUAL 2004.
4. DATE OF TOPOGRAPHIC INFORMATION XXXX.
5. EXIT NUMBERS ON LARGE GUIDE SIGNS WILL BE DETERMINED IN THE PLAN SPECIFICATIONS AND ESTIMATE PHASE.

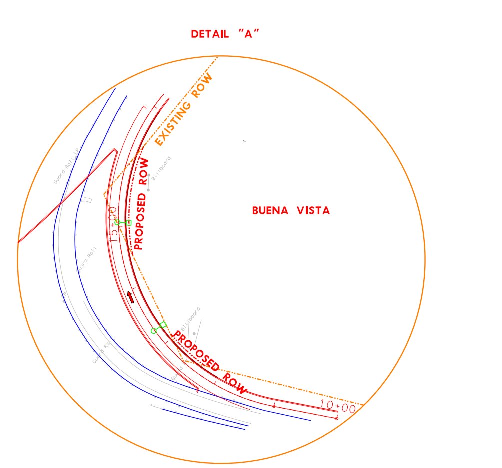
PLAN SCALE

0 100 200 300 400
SCALE: 1" = 150' HORIZ

DESIGN SPEED TABLE

FACILITY TYPE	FACILITY DESCRIPTION	CHAIN NAME	DESIGN SPEED (MPH)		
			HORIZONTAL	VERTICAL	CONTROL
MAINLANES, FRONTAGE ROADS & COLLECTOR-DISTRIBUTORS	I-10 MAINLANES	10MLHP	70	N/A	N/A
	I-10 WB BASELINE	10WBHP	70	70	70
	I-10 EB BASELINE	10EBHP	70	70	70
	I-10 WB FRONTAGE ROAD	10WBFRHP	50	50	50
	I-10 EB FRONTAGE ROAD	10EBFRHP	50	50	50
	WB COLLECTOR-DISTRIBUTOR	WBCDHP	55	50	50
	EB COLLECTOR-DISTRIBUTOR	EBCDHP	55	50	50
	US 85 WB MAINLANES	85WBMLH	50	50	50
	US 85 EB MAINLANES	85EBMLH	50	50	50
	US 85 WB FRONTAGE ROAD	85WBFRH	45	45	45
	US 85 EB FRONTAGE ROAD	85EBFRH	50	45	45
	I-10 WB FRONTAGE ROAD (EXECUTIVE CENTER BLVD	ECWBFRH	50	50	50
	I-10 EB FRONTAGE ROAD (EXECUTIVE CENTER BLVD	ECEBFRH	50	50	50
DIRECT CONNECTORS & GROUND RAMPS	RESLER DRIVE DIRECT CONNECTOR	REDCHP	45	45	45
	SUNLAND PARK DRIVE DIRECT CONNECTOR	SPDCHP	45	45	45
	I-10 TO SH 20 WB OFF-RAMP	20R1HP	50	60	50
	SH 20 TO I-10 EB ON-RAMP	20R2HP	50	50	50
	SH 20 TO I-10 WB ON-RAMP	20R3HP	45	60	45
	I-10 TO SH 20 EB OFF-RAMP	20R4HP	45	55	45
	WB C-D TO RESLER DRIVE OFF-RAMP	RER1HP	45	60	45
	SUNLAND PARK DRIVE TO WB C-D ON-RAMP	SPR1HP	50	40	40
	WB C-D TO SUNLAND PARK DRIVE OFF-RAMP	SPR2HP	50	45	45
	EB C-D TO SUNLAND PARK DRIVE OFF-RAMP	SPR4HP	50	35	35
	EB C-D ON-RAMP	CDR2HP	45	45	45
	WB I-10 TO WB C-D OFF-RAMP	WBR1HP	50	50	50
	WB I-10 TO SUNLAND PARK DRIVE OFF-RAMP	WBR3HP	50	40	40
	WB US 85 TO WB US 85 FRONTAGE RD OFF-RAMP	WBR5HP	50	35	35
	WB US 85 TO EB I-10 OFF-RAMP	WBR7HP	40	35	35
	EB I-10 FRONTAGE ROAD TO I-10 ON-RAMP	EBR2HP	45	45	45
	EB US 85 TO EB US 85 FRONTAGE RD OFF-RAMP	EBR5HP	50	35	35
	EXECUTIVE CENTER BLVD TO I-10 WB ON-RAMP	ECR1HP	45	45	45
	I-10 TO EXECUTIVE CENTER BLVD EB OFF-RAMP	ECR2HP	45	45	45
	I-10 TO EXECUTIVE CENTER BLVD WB OFF-RAMP	ECR3HP	45	35	35
	EXECUTIVE CENTER BLVD TO I-10 EB ON-RAMP	ECR4HP	45	35	35
U-TURNS	SH 20 WB-EB	20WEUHP	20*	N/A	N/A
	SH 20 EB-WB	20EWUHP	20*	N/A	N/A
	SUNLAND PARK DRIVE WB-EB	SPWEUHP	20*	N/A	N/A
	SUNLAND PARK DRIVE EB-WB	SPEWUHP	20*	N/A	N/A
CROSS STREETS	SH 20 (MESA STREET)	20MLHP	45*	45	45
	SUNLAND PARK DRIVE	SPMLHP	45*	40	40
	EXECUTIVE CENTER BOULEVARD	ECMLHP	45*	N/A	N/A

* INDICATES LOW-SPEED URBAN DESIGN CRITERIA.



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