TEXAS DEPARTMENT OF TRANSPORTATION
EL PASO DISTRICT
ROBERT BIELEK, P.E. DISTRICT ENGINEER

New Mexico DEPARTMENT OF TRANSPORTATION
DISTRICT ONE
TRENT DOOLITTLE, P.E. DISTRICT ONE ENGINEER

DESIGN SCHEMATIC FOR NORTHEAST PARKWAY EL PASO, TEXAS

SHEET NO. 1 OF 11

DATE: (EAT/ES)	STATE DISTRICT	COUNTY	CONTROL NO.	SEC NO.	JOB NO.
REVISION DATE: (EAT/ES)	ELP	EL PASO	0924	06	136

VICINITY MAP
NTS

SURVEY CONTROL POINTS

POINT NO.	NORTHING	EASTING	ELEVATION	STATION AND OFFSET (FEET)
H-36	10160112.566	435575.193	3952.362	OUTSIDE PROJECT LIMITS
H-37	10710663.362	435537.496	4021.436	OUTSIDE PROJECT LIMITS
H-39	10709374.134	436484.978	4184.537	OUTSIDE PROJECT LIMITS
H-45	10748735.224	418784.548	4025.561	OUTSIDE PROJECT LIMITS
H-46	10736952.350	436720.502	4005.851	OUTSIDE PROJECT LIMITS

LEGEND

	EXISTING	PROPOSED
MAIN LANES		
RAMP		
FRONTAGE ROAD		
CROSS STREETS		
RIGHT-OF-WAY/PROPERTY LINES		
CONTROL-OF-ACCESS		
MAINLANE/FRONTAGE/RAMP TRAFFIC LANE DIRECTIONAL INDICATOR		
PAVEMENT TO BE REMOVED		
RETAINING WALLS	NOT SHOWN	
BRIDGES		
PAVED BIKE PATH		

A.D.A. RAMP

FUNCTIONAL CLASSIFICATION: RURAL FREEWAY
PROJECT LENGTH: 10.76 MILES

GENERAL NOTES

1.) COORDINATES SHOWN ARE SURFACE COORDINATES BASED ON THE TEXAS COORDINATE SYSTEM OF 1983 NAD 83 (2011) EPOCH 2010.00 ZONE (4205) PLANE COORDINATES (CENTRAL ZONE (4205). THESE HAVE BE ADJUSTMENT BY A COMBINED FACTOR OF 1.00013. DISTANCES SHOWN ARE GRID AND ARE SHOWN USING DECIMAL FEET. POINTS H-36, H-37, H-39, H-45, H-46 WERE HAND PROCESSED BY TXDOT.

2.) BEARINGS SHOWN ARE BASED ON THE TEXAS COORDINATE SYSTEM OF 1983 NAD 83 (2011) EPOCH 2010.00 ZONE (4205) PLANE COORDINATES, POINTS H-36, H-37, H-39, H-45, H-46 WERE HAND PROCESSED BY TXDOT.

3.) ELEVATIONS ARE NAVD 88 DATUM BASED ON THE FOLLOWING BENCHMARKS H-36, H-37, H-39, H-45, H-46 WERE HAND PROCESSED BY TXDOT. ALL DISTANCES SHOWN ARE GRID AND ARE SHOWN USING DECIMAL FEET FROM TXDOT FIELD. POINTS H-36, H-37, H-39, H-45, H-46 WERE HAND PROCESSED BY TXDOT.

4.) TEMPORARY CONSTRUCTION EASEMENTS WILL BE NECESSARY FOR SLOPE TREATMENT BEYOND LIMITS OF ROW.

5.) ALL PROPERTY LINES SHOWN ON THIS SCHEMATIC ARE APPARENT LINES ONLY. PRIOR TO ROW ACQUISITION A BOUNDARY SURVEY SHALL BE PERFORMED.

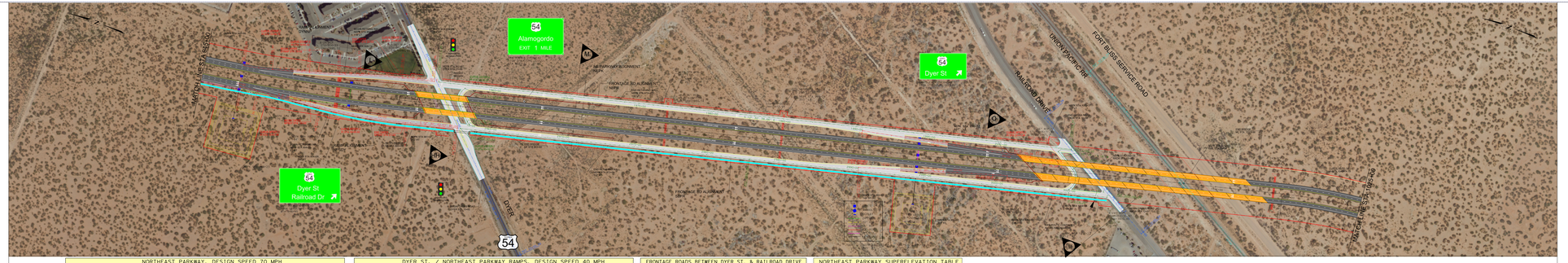
NOT A BIDDING DOCUMENT

FED.RD. DIV.NO.	FEDERAL AID PROJECT NO.	SHEET NO.

STATE	DIST.	COUNT	CHARG. EXC.	CHECK BY:
TEXAS	ELP	EL PASO	J03	SF3
CONT.	SECT.	JOB	ACCOUNT NO.	
0924	06	136	NORTHEAST PARKWAY	

FINAL SUBMITTAL

JACOBS
8519 Jasper Blvd, Suite 200
El Paso, Texas 79907
915.845.9618



NORTHEAST PARKWAY, DESIGN SPEED 70 MPH

CURVE NAME	P.I. STATION	P.I. NORTHING	P.I. EASTING	DELTA	TANGENT	CURVE LENGTH	RADIUS	P.C. STATION	P.T. STATION	BEARING INBOUND	BEARING OUTBOUND
NEPK 1.0	1000+00.00	10,174,778.55	442,124.70	0° 0' 0.00"	0.00	0.00	0.00	1000+00.00	1000+00.00	S 0° 0' 0.0" E	S 0° 0' 0.0" E
NEPK 1.0	1000+00.00	10,174,778.55	442,124.70	0° 0' 0.00"	0.00	0.00	0.00	1000+00.00	1000+00.00	S 0° 0' 0.0" E	S 0° 0' 0.0" E

DYER ST. / NORTHEAST PARKWAY RAMPS, DESIGN SPEED 40 MPH

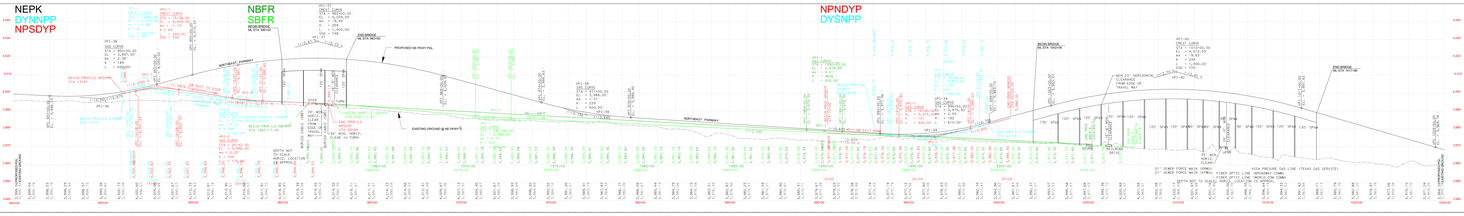
CURVE NAME	P.I. STATION	P.I. NORTHING	P.I. EASTING	BEARING
NORTHEAST PARKWAY NB EXIT TO DYER/BIRCH, DESIGN SPEED 40 MPH				
NORTHEAST PARKWAY NB EXIT TO DYER/BIRCH, DESIGN SPEED 40 MPH				
NORTHEAST PARKWAY NB EXIT TO DYER/BIRCH, DESIGN SPEED 40 MPH				
NORTHEAST PARKWAY NB EXIT TO DYER/BIRCH, DESIGN SPEED 40 MPH				
DYER ST. / NORTHEAST PARKWAY RAMPS, DESIGN SPEED 40 MPH				
DYER ST. / NORTHEAST PARKWAY RAMPS, DESIGN SPEED 40 MPH				
DYER ST. / NORTHEAST PARKWAY RAMPS, DESIGN SPEED 40 MPH				
DYER ST. / NORTHEAST PARKWAY RAMPS, DESIGN SPEED 40 MPH				
DYER ST. / NORTHEAST PARKWAY RAMPS, DESIGN SPEED 40 MPH				
DYER ST. / NORTHEAST PARKWAY RAMPS, DESIGN SPEED 40 MPH				

FRONTAGE ROADS BETWEEN DYER ST. & RAILROAD DRIVE DESIGN SPEED 40 MPH

CURVE NAME	P.I. STATION	P.I. NORTHING	P.I. EASTING	BEARING
NORTHEAST PARKWAY NORTHBOUND FRONTAGE ROAD, SECTION SPEED 40 MPH				
NORTHEAST PARKWAY NORTHBOUND FRONTAGE ROAD, SECTION SPEED 40 MPH				
NORTHEAST PARKWAY SOUTHBOUND FRONTAGE ROAD, SECTION SPEED 40 MPH				
NORTHEAST PARKWAY SOUTHBOUND FRONTAGE ROAD, SECTION SPEED 40 MPH				

NORTHEAST PARKWAY SUPERELEVATION TABLE

	BEGIN TRANSITION		BEGIN FULL SUPER		END TRANSITION	
CURVE NUMBER	STA	E	STA	E	STA	E
NEPK-1.0 1000	-2.0%	1011+00.13	1031+00	-4.4%	1067+60.63	-4.4%
NEPK-1.0 1035	-2.0%	1018+70.13	1018+85	-4.4%	1059+00	-4.4%



PROFILE LEGEND

EXISTING GROUND @ NE PKWY PL	
PROPOSED NE PKWY PGL	
NBFR	
SBFR	
NPNDYP	
DYSNPP	
NEPK	
DYNNPP	
NPSDYP	

DESIGN SPEED
MAIN LANE: 70 MPH
FRONTAGE ROAD: 40 MPH
RAMP: 40 MPH
DIRECT CONNECT RAMPS: 50 MPH
CROSS STREETS: 40 MPH

PROFILE SCALE
Horiz: 1"=100'
Vert: 1"=10'

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SHEET NO. 1 OF 11

VICINITY MAP
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SURVEY CONTROL POINTS

LEGEND

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TEXAS & NEW MEXICO DISTRICT MAPS