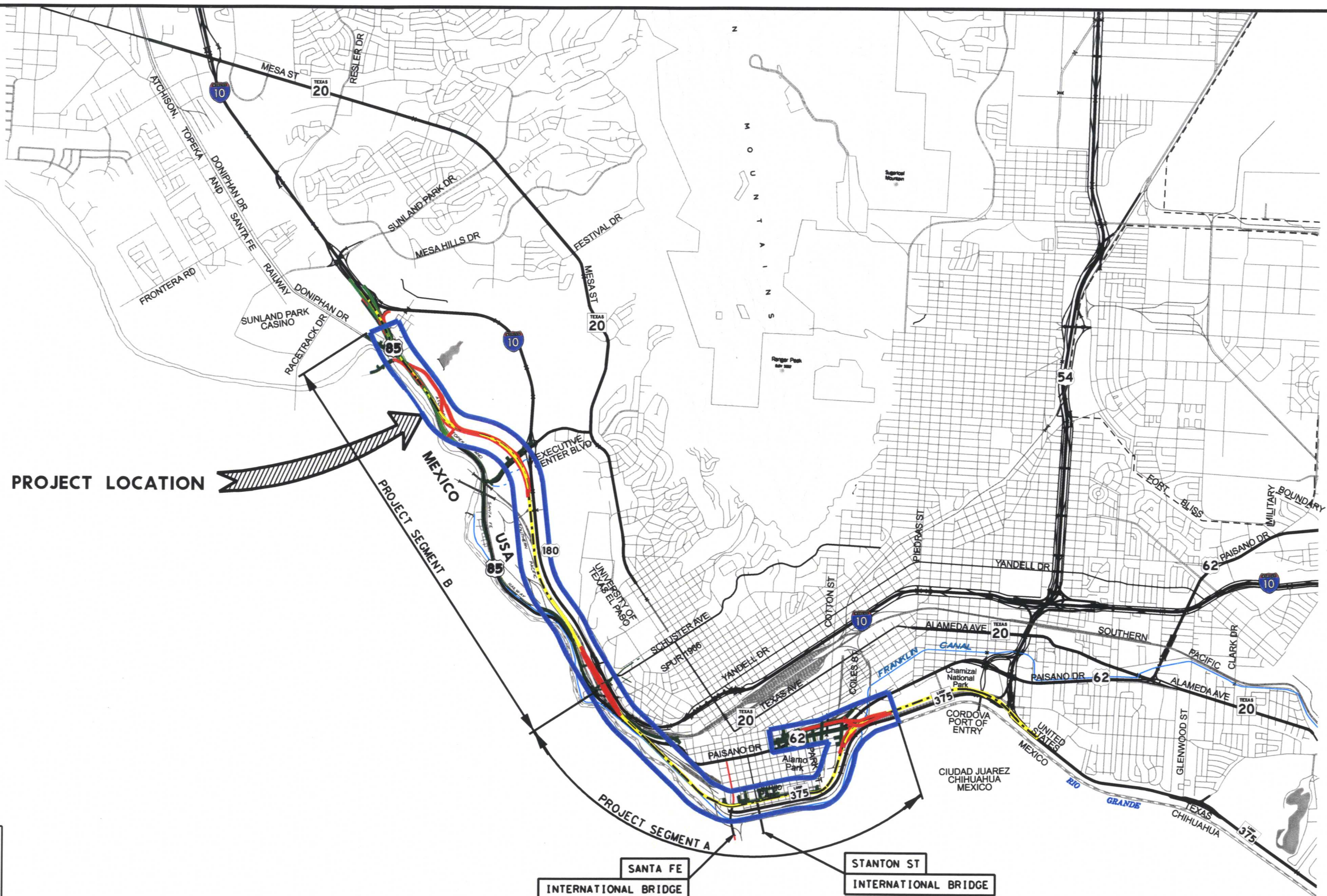


User: \$USER\$

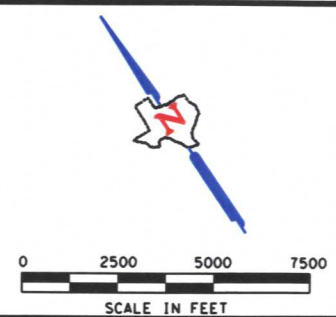
FILE: \$FILE\$

TIME: \$TIME\$

DATE: \$DATE\$



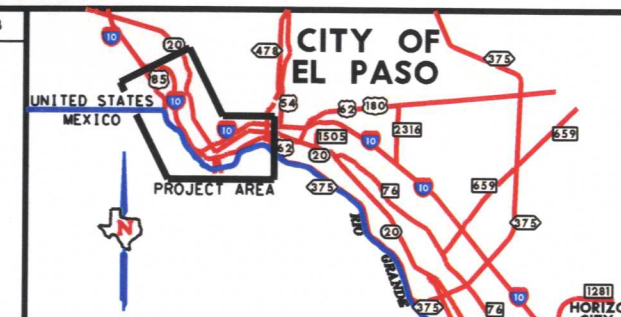
DISCLAIMER:
THE INFORMATION IS PROVIDED FOR PRELIMINARY
ENGINEERING PURPOSES ONLY AND NOT FOR USE IN
DESIGN OR CONSTRUCTION OF IMPROVEMENTS IN THE
PROJECT AREA.



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.
© 2013 by Texas Department of Transportation,
(512) 416-2055; all rights reserved.

MORENO CARDENAS, INC.
LEADERS IN PROJECT DELIVERY AND PERFORMANCE
PRELIMINARY - FOR INTERIM REVIEW ONLY
These documents are for Interim Review and
not intended for Construction, Bidding, or
Permit Purposes. They were prepared by,
or under the supervision of:
MARVIN H. GOMEZ 86920 01/29/13
NAME PE# Date
MCI FIRM TEXAS REGISTRATION NUMBER: F-000554

DATE: JANUARY 28, 2013



Texas Department of Transportation

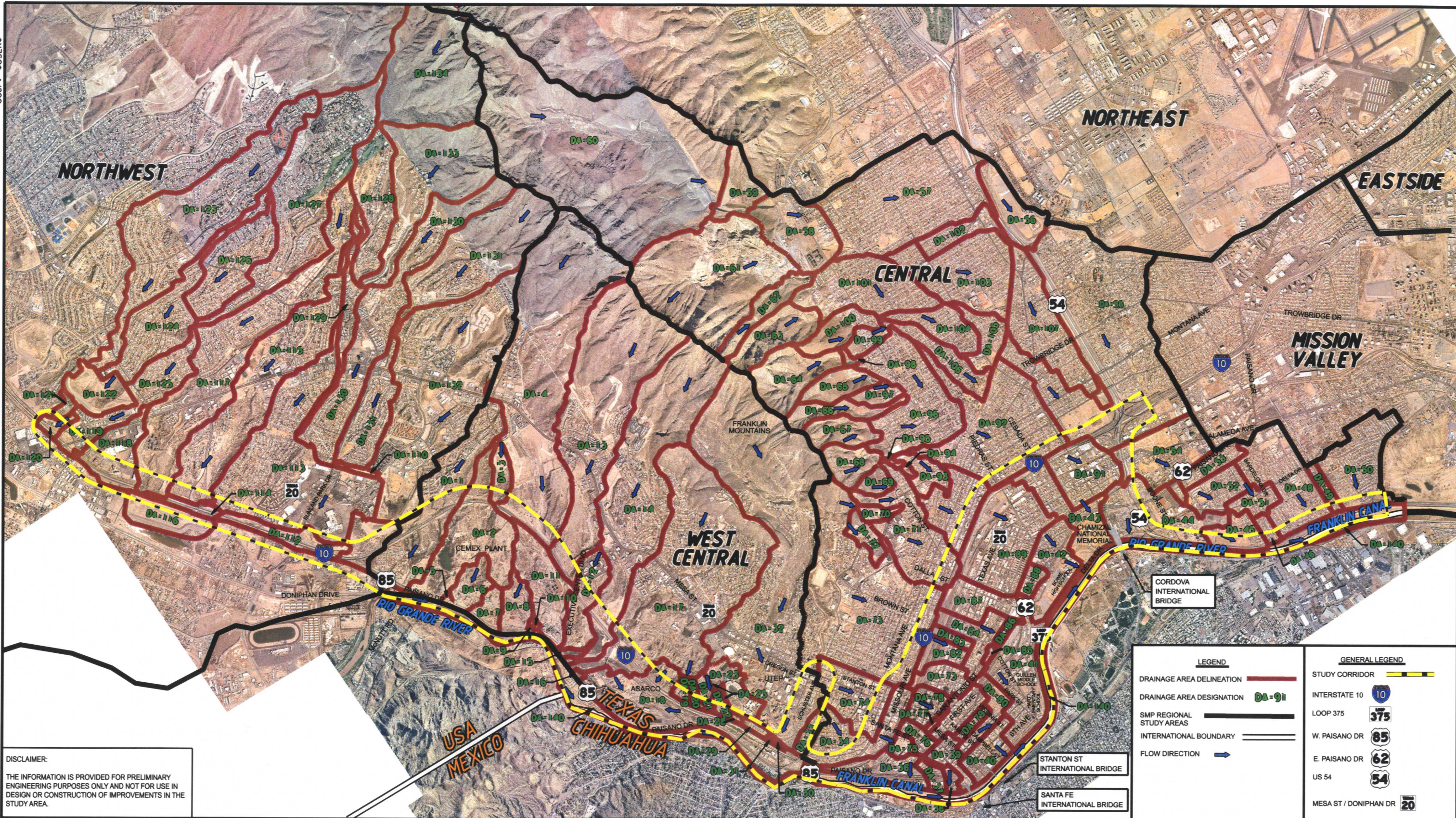
Moreno Cardenas Inc.
consulting engineers
TEXAS REGISTRATION # F-00054

HALFF
1905-1981

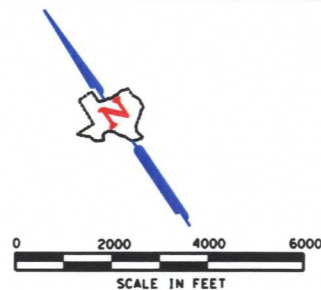
Loop 375 Border Highway West
Extension Project
From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
LOCATION MAP

TxDOT El Paso District
CSJ: 2552-04-027

FIGURE 1



DISCLAIMER:
THE INFORMATION IS PROVIDED FOR PRELIMINARY
ENGINEERING PURPOSES ONLY AND NOT FOR USE IN
DESIGN OR CONSTRUCTION OF IMPROVEMENTS IN THE
STUDY AREA.

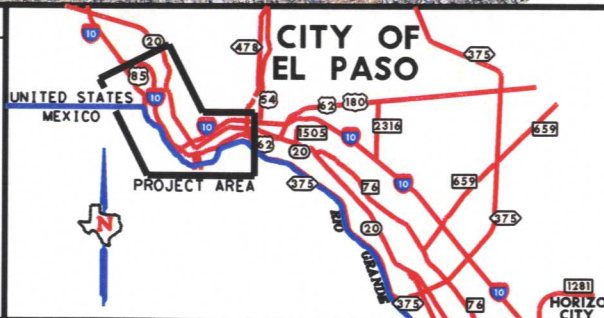


PRELIMINARY
THIS PRINT IS FURNISHED FOR INFORMATION ONLY.
THE PLAN INFORMATION OR OTHER DATA SHOWN HEREON IS
SUBJECT TO CHANGE AND MUST NOT BE CONSTRUED AS FINAL.

© 2013 by Texas Department of Transportation;
(512) 416-2055; all rights reserved.

MORENO CARDENAS, INC.
LEADERS IN PROJECT DELIVERY AND PERFORMANCE
PRELIMINARY - FOR INTERIM REVIEW ONLY
These documents are for Interim Review and
not intended for Construction, Bidding, or
Permit Purposes. They were prepared by,
or under the supervision of:
MARVIN H. GOMEZ 86920 01/29/13
NAME PE# Date
MCI FIRM TEXAS REGISTRATION NUMBER: F-000554

DATE: JANUARY 28, 2013



**Loop 375 Border Highway West
Extension Project**
From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
EXISTING DRAINAGE AREA MAP

TxDOT El Paso District
CSJ: 2552-04-027



THE INFORMATION IS PROVIDED FOR PRELIMINARY
ENGINEERING PURPOSES ONLY AND NOT FOR USE IN
DESIGN OR CONSTRUCTION OF IMPROVEMENTS IN THE
STUDY AREA.

500-YR FLOOD ZONE AREA

100-YR FLOOD ZONE AREA

FLOW PATH

3786 WATER SURFACE CONTOUR AND ELEVATION

AREAS OF 100-YEAR FLOOD; BASE FLOOD ELEVATIONS AND FLOOD HAZARD FACTORS DETERMINED.

AREAS BETWEEN LIMITS OF 100-YEAR FLOOD AND 500-YEAR FLOOD; OR CERTAIN AREAS SUBJECT TO 100-YEAR FLOODING WITH AVERAGE DEPTHS LESS THAN ONE (1) FOOT WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN ONE SQUARE MILE; OR AREAS PROTECTED BY LEEVES FROM THE BASE FLOOD.

AREAS OF MINIMAL FLOODING.

FROM FEMA FIRM PANEL #480214-0032C

PROPOSED BHW ALIGNMENT

PROPOSED RAMPS

EXISTING RAILROAD LINES

PARCELS

INTERNATIONAL
BOUNDARY

MESA ST / DONIPHAN DR

LOOP 375

INTERSTATE 10

W. PAISANO DR

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.

© 2013 by Texas Department of Transportation;
(512) 416-2055; all rights reserved.

MCI FIRM TEXAS REGISTRATION NUMBER: F-000554

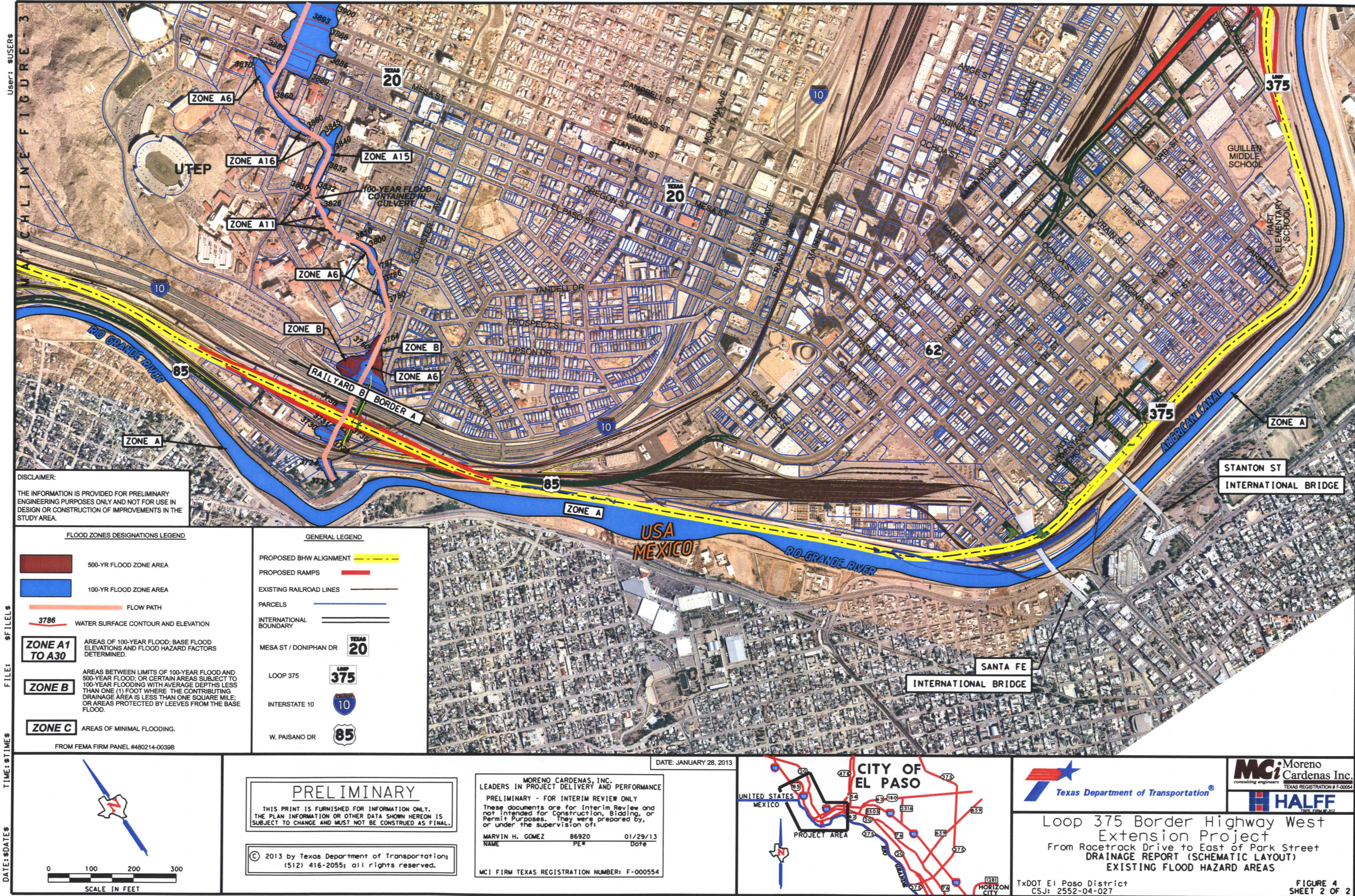


HALFF

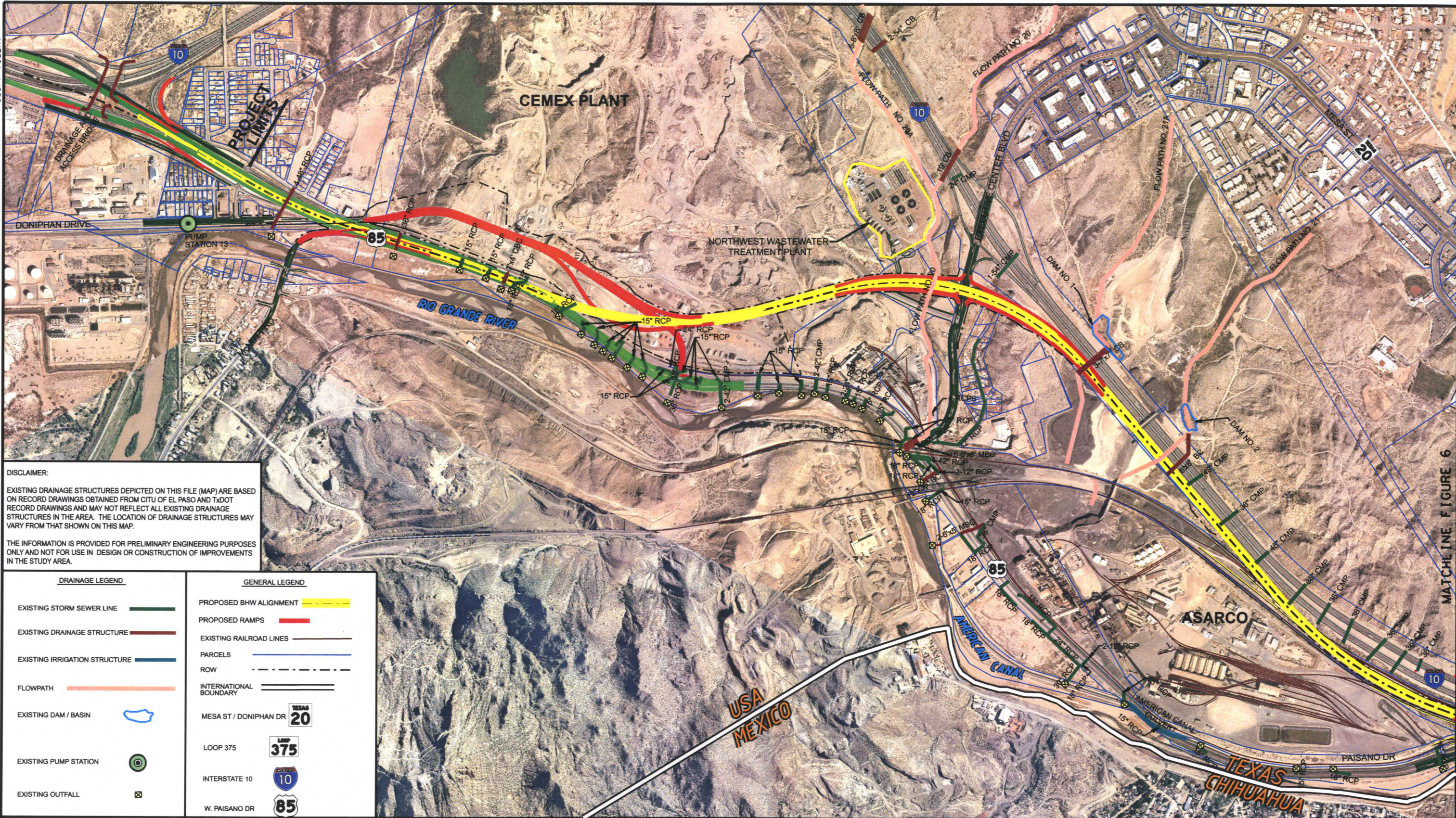
Loop 375 Border Highway West
Extension Project
From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
EXISTING FLOOD HAZARD AREAS

TxDOT El Paso District
CSJ: 2552-04-027

FIGURE 3
SHEET 1 OF 2

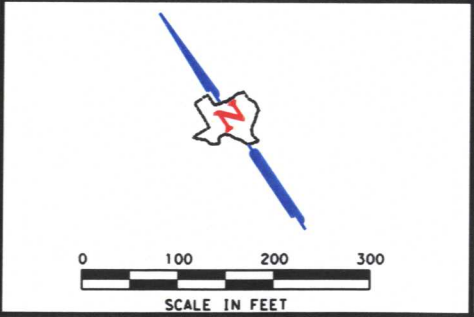


User: \$USERS
FILE: \$FILE\$
TIME: \$TIME\$
DATE: \$DATE\$



DISCLAIMER:
EXISTING DRAINAGE STRUCTURES DEPICTED ON THIS FILE (MAP) ARE BASED ON RECORD DRAWINGS OBTAINED FROM CITY OF EL PASO AND TxDOT RECORD DRAWINGS AND MAY NOT REFLECT ALL EXISTING DRAINAGE STRUCTURES IN THE AREA. THE LOCATION OF DRAINAGE STRUCTURES MAY VARY FROM THAT SHOWN ON THIS MAP.
THE INFORMATION IS PROVIDED FOR PRELIMINARY ENGINEERING PURPOSES ONLY AND NOT FOR USE IN DESIGN OR CONSTRUCTION OF IMPROVEMENTS IN THE STUDY AREA.

DRAINAGE LEGEND		GENERAL LEGEND	
EXISTING STORM SEWER LINE		PROPOSED BHW ALIGNMENT	
EXISTING DRAINAGE STRUCTURE		PROPOSED RAMPS	
EXISTING IRRIGATION STRUCTURE		EXISTING RAILROAD LINES	
FLOWPATH		PARCELS	
EXISTING DAM / BASIN		ROW	
EXISTING PUMP STATION		INTERNATIONAL BOUNDARY	
EXISTING OUTFALL		MESA ST / DONIPHAN DR	
		LOOP 375	
		INTERSTATE 10	
		W. PAISANO DR	



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.

© 2013 by Texas Department of Transportation;
(512) 416-2055; all rights reserved.

MORENO CARDENAS, INC.
LEADERS IN PROJECT DELIVERY AND PERFORMANCE
PRELIMINARY - FOR INTERIM REVIEW ONLY
These documents are for Interim Review and
not intended for Construction, Bidding, or
Permit Purposes. They were prepared by,
or under the supervision of:
MARVIN H. GOMEZ 86920 01/29/13
NAME PE# Date
MCI FIRM TEXAS REGISTRATION NUMBER: F-000554

DATE: JANUARY 28, 2013



Texas Department of Transportation

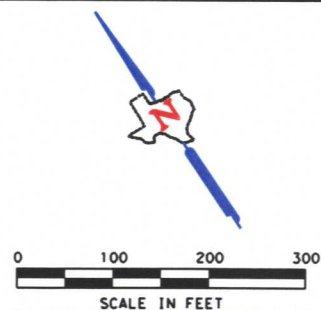
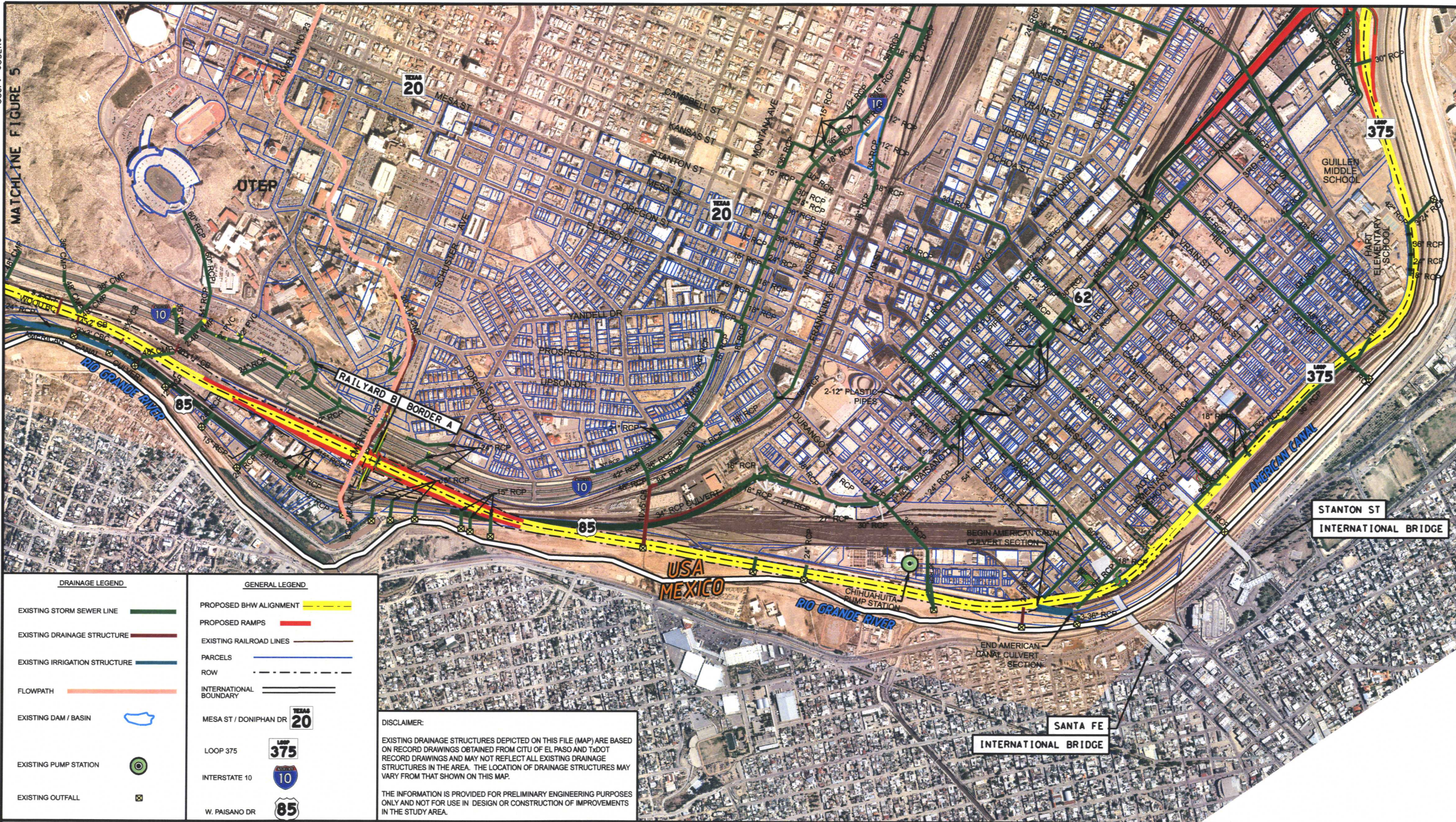
Moreno Cardenas Inc.
consulting engineers

HALFF
TDCP FIRM #112

Loop 375 Border Highway West
Extension Project
From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
EXISTING MAJOR DRAINAGE INFRASTRUCTURE

TxDOT El Paso District
CSJ: 2552-04-027

FIGURE 5
SHEET 1 OF 2



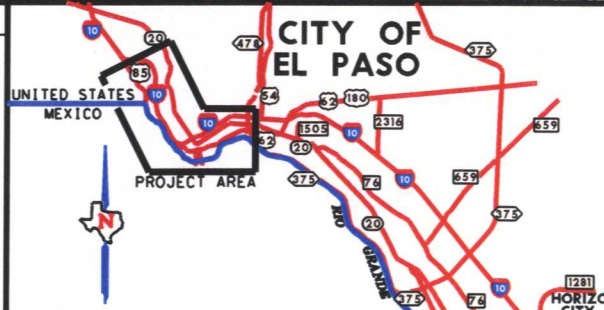
PRELIMINARY

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.

© 2013 by Texas Department of Transportation; (512) 416-2055; all rights reserved.

MORENO CARDENAS, INC.
LEADERS IN PROJECT DELIVERY AND PERFORMANCE
PRELIMINARY - FOR INTERIM REVIEW ONLY
These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
MARVIN H. GOMEZ 86920 01/29/13
NAME PE# Date
MCI FIRM TEXAS REGISTRATION NUMBER: F-000554

DATE: JANUARY 28, 2013



Mc Moreno Cardenas Inc.
consulting engineers
TEXAS REGISTRATION # F-00054

HALFF
TYPE: FIRM #317

Texas Department of Transportation

Loop 375 Border Highway West Extension Project
From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
EXISTING MAJOR DRAINAGE INFRASTRUCTURE

TxDOT El Paso District
CSJ: 2552-04-027

FIGURE 6
SHEET 2 OF 2