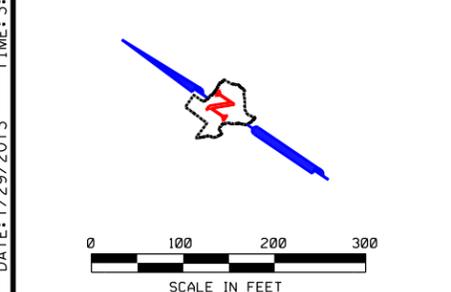


MATCHLINE AT STA 211+00

PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	TxDOT ROW
EXISTING RAILROAD LINES	PARCELS
INTERNATIONAL BOUNDARY	INTERSTATE 10
LOOP 375	W. PAISANO DR
E. PAISANO DR	MESA ST / DONIPHAN DR

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.

DATE: JANUARY 29, 2013

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



Texas Department of Transportation

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

HALFF
 TRAFFIC ENGINEERS

Loop 375 Border Highway West Extension Project
 From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)

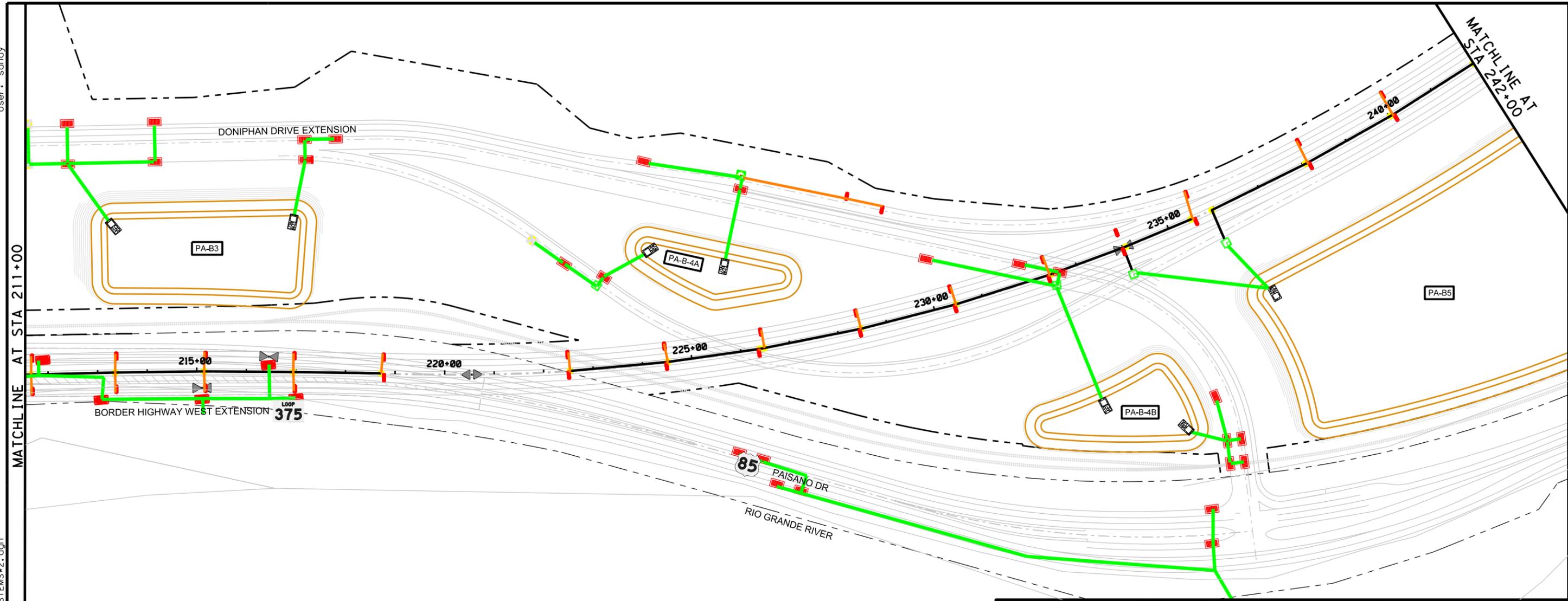
TxDOT El Paso District
 CSJ: 2552-04-027

FIGURE - E1

User: sandy

FILE: ... \Dgn\DRG\PROP\STORM_SYSTEMS*2.dgn

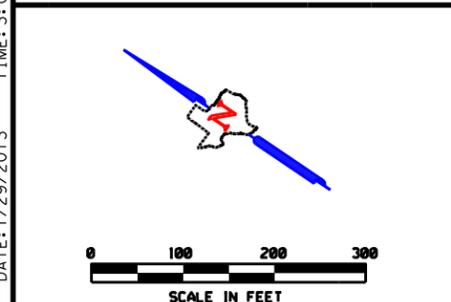
DATE: 1/29/2013 TIME: 3:04:25 PM



PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

EXISTING OUTFALL	
TxDOT ROW	
EXISTING RAILROAD LINES	
PARCELS	
INTERNATIONAL BOUNDARY	
INTERSTATE 10	
LOOP 375	
W. PAISANO DR	
E. PAISANO DR	
MESA ST / DONIPHAN DR	

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.

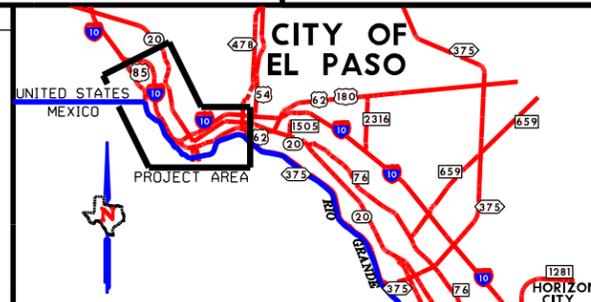
DATE: JANUARY 29, 2013

MORENO CARDENAS, INC.
 LEADERS IN PROJECT DELIVERY AND PERFORMANCE

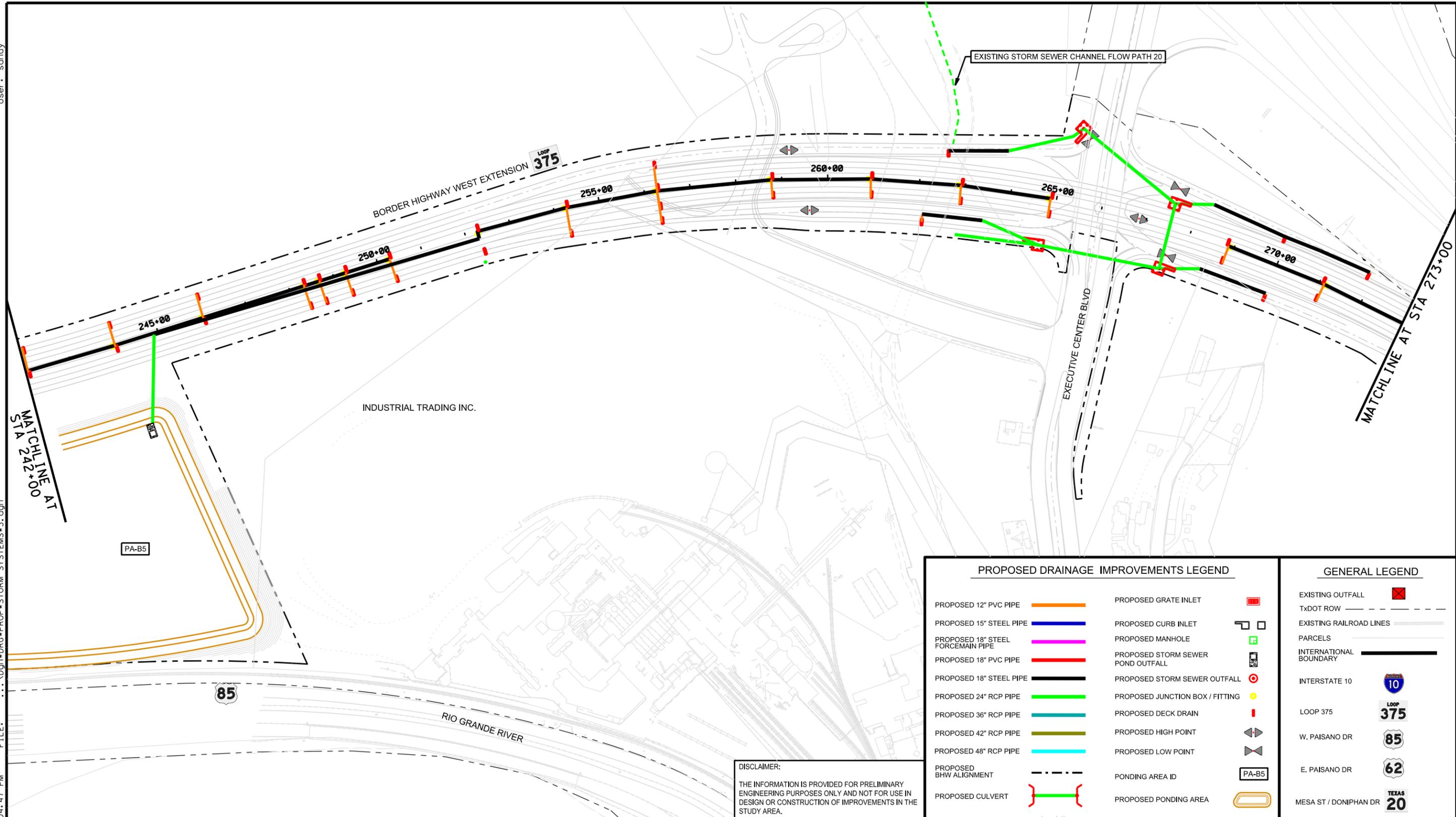
PRELIMINARY - FOR INTERIM REVIEW ONLY
 These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

MARVIN H. GOMEZ	86920	01/29/13
NAME	PE#	Date

MCI FIRM TEXAS REGISTRATION NUMBER: F-000554



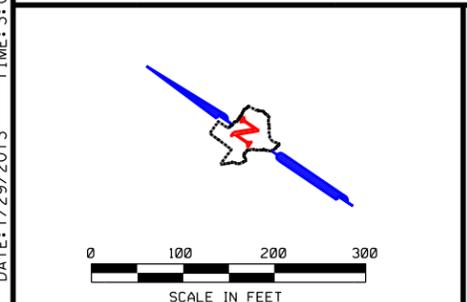
 Texas Department of Transportation	 MCI Moreno Cardenas Inc. consulting engineers TEXAS REGISTRATION # F-000554
Loop 375 Border Highway West Extension Project From Racetrack Drive to East of Park Street DRAINAGE REPORT (SCHEMATIC LAYOUT) PROPOSED STORM SEWER SYSTEMS	
TxDOT El Paso District CSJ: 2552-04-027	FIGURE - E2



PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	TxDOT ROW
EXISTING RAILROAD LINES	PARCELS
INTERNATIONAL BOUNDARY	INTERSTATE 10
LOOP 375	W. PAISANO DR
E. PAISANO DR	MESA ST / DONIPHAN DR

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.

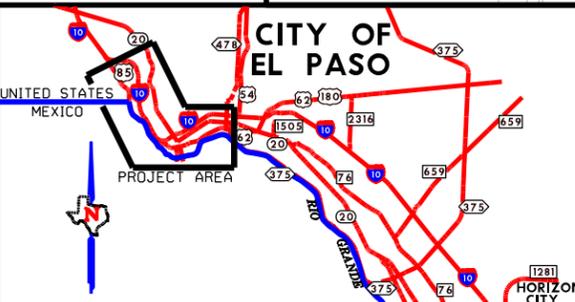
DATE: JANUARY 29, 2013

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



Texas Department of Transportation

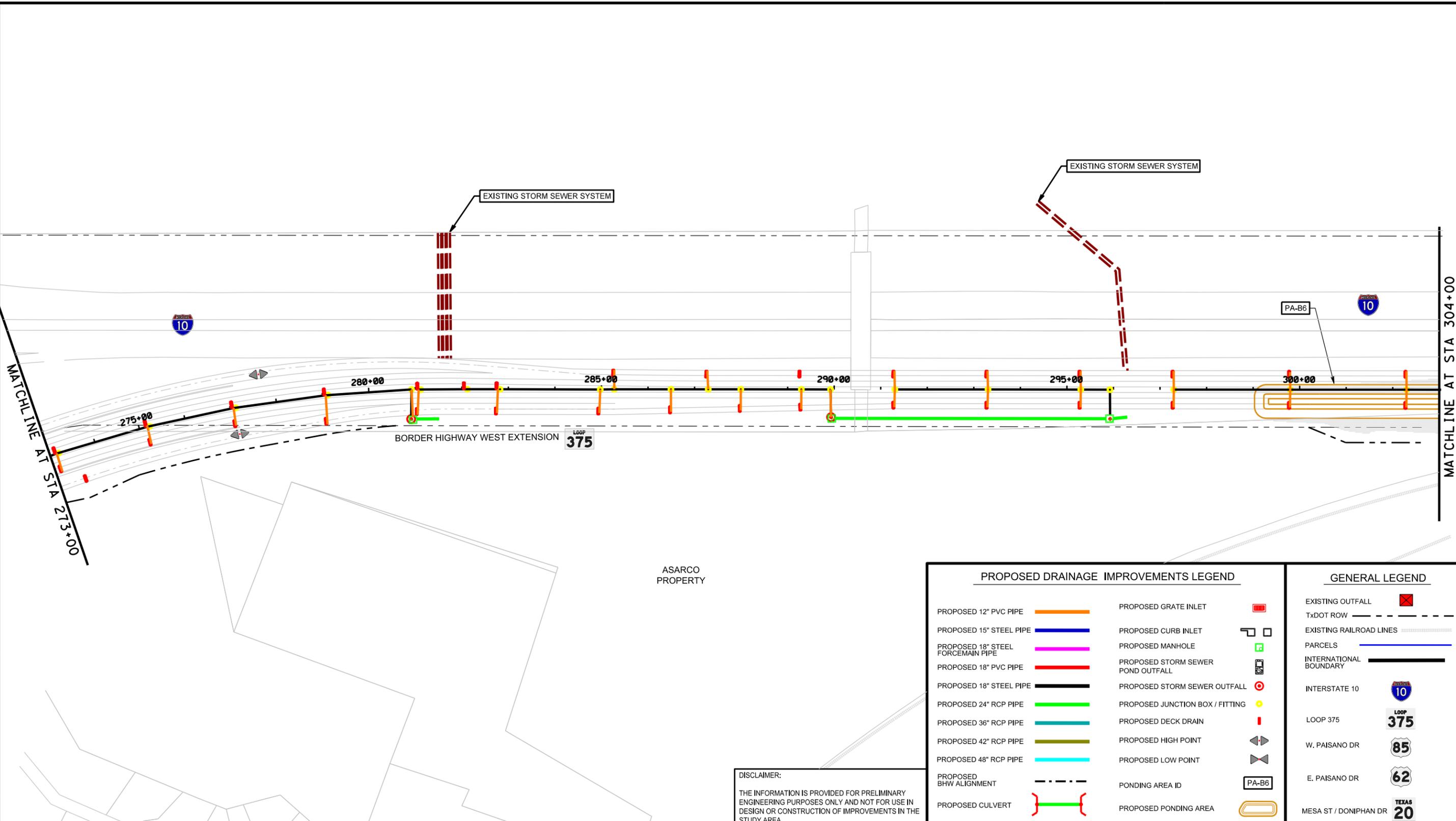
Moreno Cardenas Inc.
consulting engineers
TEXAS REGISTRATION # F-00054

HALFF
TRRF FIRM # F-102

Loop 375 Border Highway West Extension Project
 From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)

TxDOT El Paso District
 CSJ: 2552-04-027

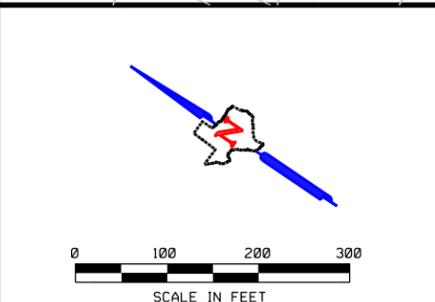
FIGURE - E3



PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	TxDOT ROW
EXISTING RAILROAD LINES	PARCELS
INTERNATIONAL BOUNDARY	INTERSTATE 10
LOOP 375	W. PAISANO DR
E. PAISANO DR	MESA ST / DONIPHAN DR

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

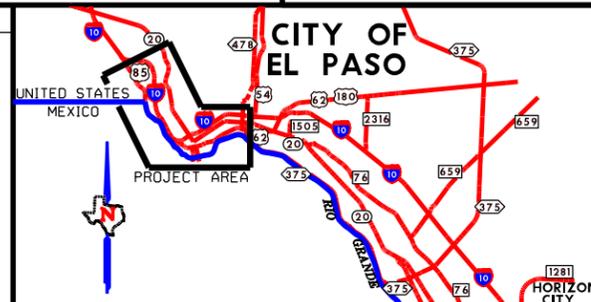


PRELIMINARY
 THIS PRINT IS FURNISHED FOR INFORMATION ONLY. THE PLAN INFORMATION OR OTHER DATA SHOWN HEREON IS SUBJECT TO CHANGE AND MUST NOT BE CONSTRUED AS FINAL.

© 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 29, 2013



Texas Department of Transportation

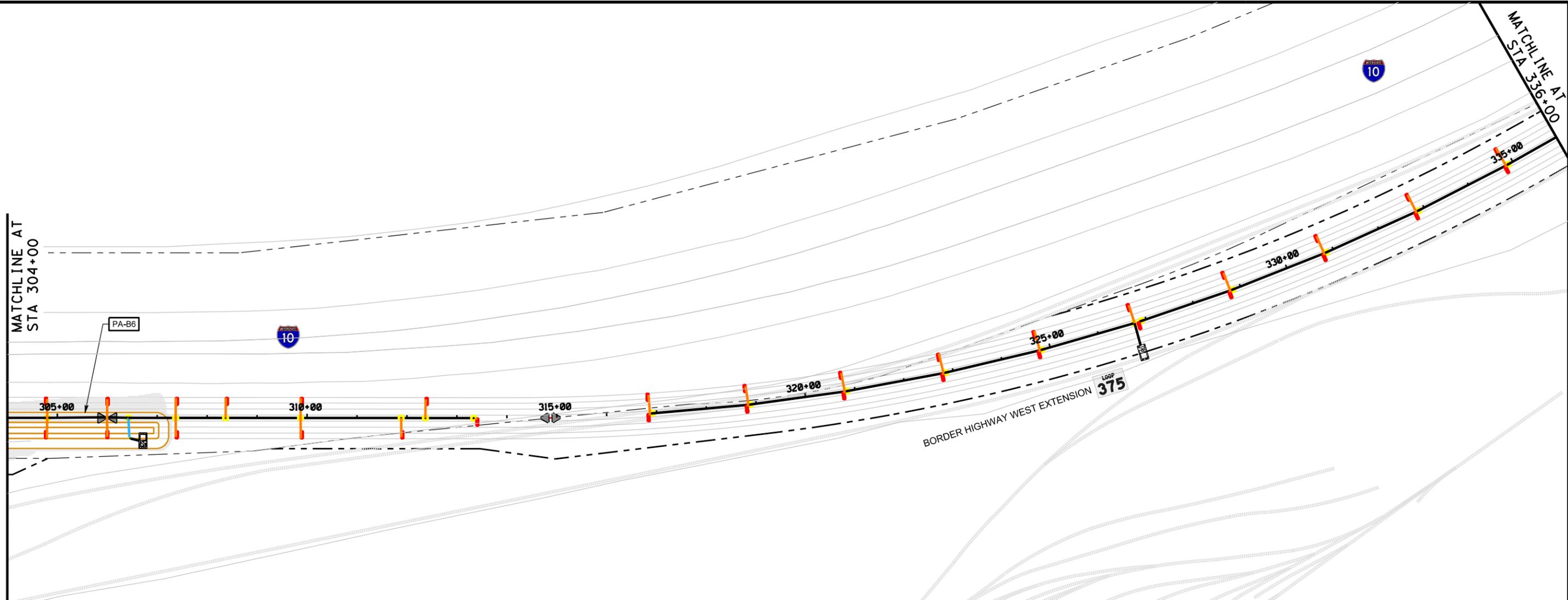
MCI Moreno Cardenas Inc. consulting engineers TEXAS REGISTRATION # F-000554

HALFF ENGINEERS ARCHITECTS TEXAS REGISTRATION # F-000512

Loop 375 Border Highway West Extension Project
 From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)

TxDOT El Paso District
 CSJ: 2552-04-027

FIGURE - E4

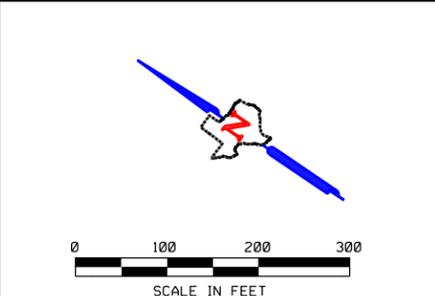


ASARCO PROPERTY

PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	TxDOT ROW
EXISTING RAILROAD LINES	PARCELS
INTERNATIONAL BOUNDARY	INTERSTATE 10
LOOP 375	W. PAISANO DR
E. PAISANO DR	MESA ST / DONIPHAN DR

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.

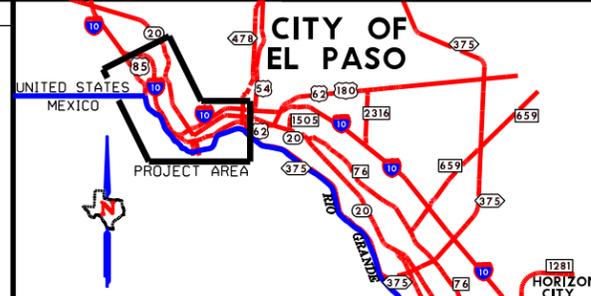
© 2013 by Texas Department of Transportation; (512) 416-2055; all rights reserved.

DATE: JANUARY 29, 2013

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



Texas Department of Transportation

MCI Moreno Cardenas Inc.
 consulting engineers
 TEXAS REGISTRATION # F-000554

HALFF
 TRAFFIC ENGINEERS

Loop 375 Border Highway West Extension Project
 From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)

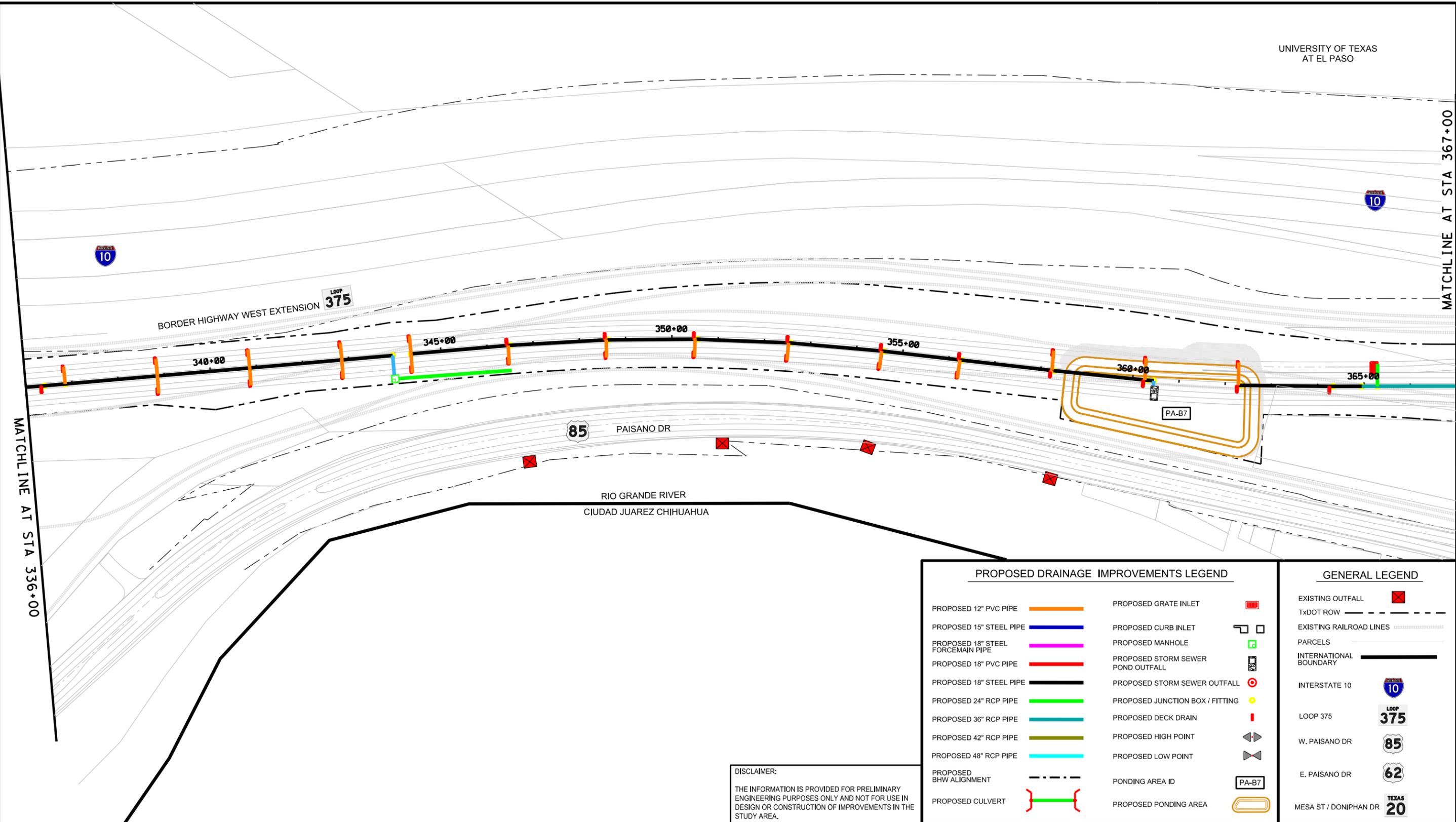
TxDOT El Paso District
 CSJ: 2552-04-027

FIGURE - E5

User: sandy

FILE: ... \Dgn\DRG\PROP*STORM_SYSTEMS*6.dgn

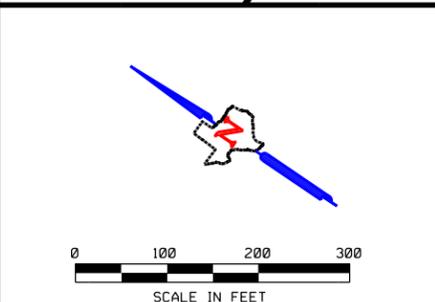
DATE: 1/29/2013 TIME: 3:06:46 PM



PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED 18" STEEL PIPE
PROPOSED 15" STEEL PIPE	PROPOSED 24" RCP PIPE
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED 36" RCP PIPE
PROPOSED 18" PVC PIPE	PROPOSED 42" RCP PIPE
PROPOSED 18" STEEL PIPE	PROPOSED 48" RCP PIPE
PROPOSED 24" RCP PIPE	PROPOSED BHW ALIGNMENT
PROPOSED 36" RCP PIPE	PROPOSED CULVERT
PROPOSED 42" RCP PIPE	
PROPOSED 48" RCP PIPE	
PROPOSED GRATE INLET	PROPOSED CURB INLET
PROPOSED MANHOLE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED STORM SEWER POND OUTFALL	PROPOSED STORM SEWER OUTFALL
PROPOSED JUNCTION BOX / FITTING	PROPOSED DECK DRAIN
PROPOSED HIGH POINT	PROPOSED LOW POINT
PONDING AREA ID	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	TxDOT ROW
EXISTING RAILROAD LINES	PARCELS
INTERNATIONAL BOUNDARY	INTERSTATE 10
LOOP 375	W. PAISANO DR
E. PAISANO DR	MESA ST / DONIPHAN DR

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.

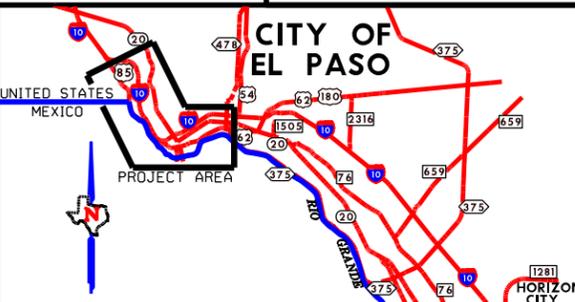
© 2013 by Texas Department of Transportation; (512) 416-2055; all rights reserved.

DATE: JANUARY 29, 2013

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



Texas Department of Transportation

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

HALFF
TRPE FIRM #E-312

Loop 375 Border Highway West Extension Project
From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)

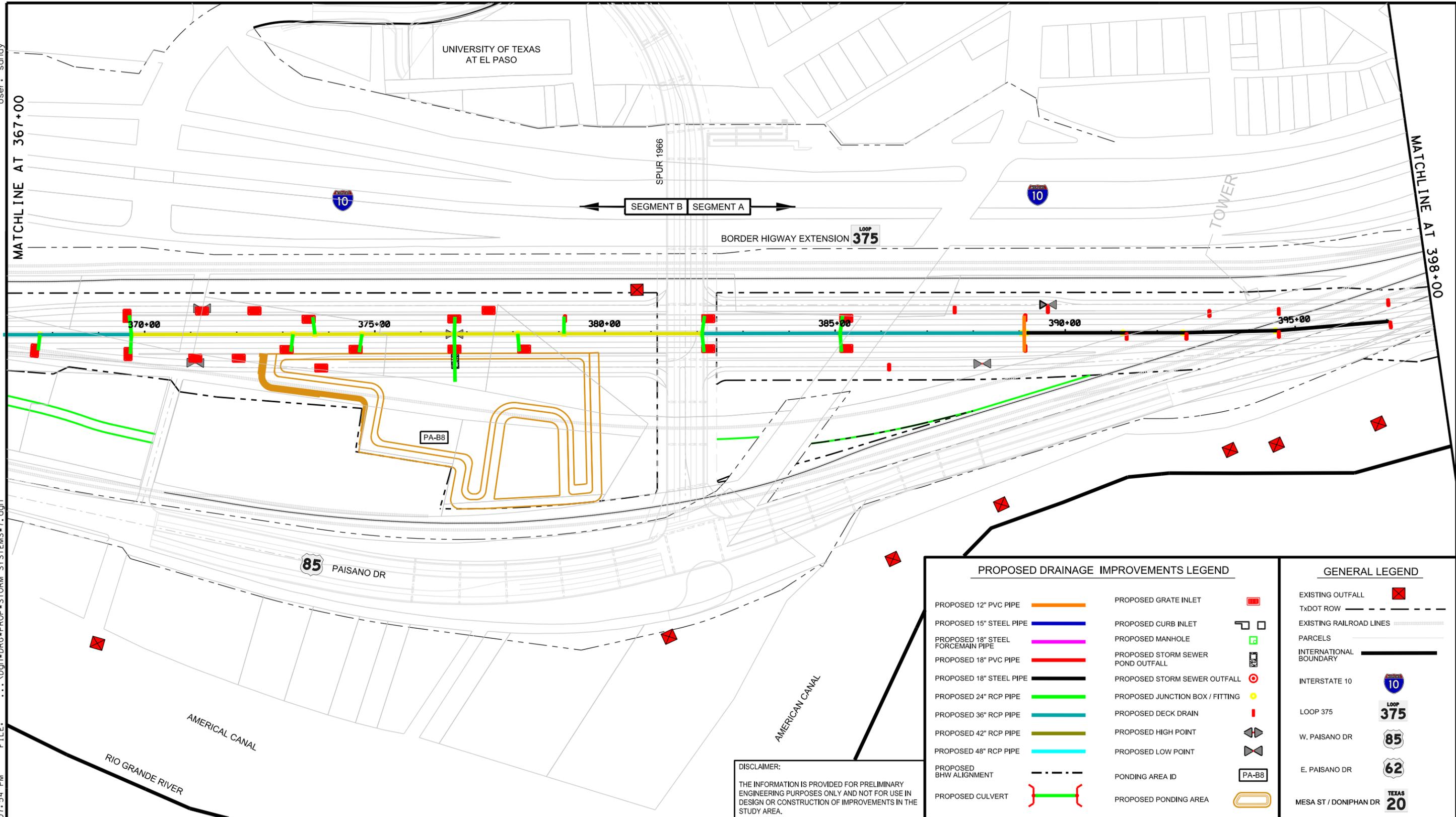
TxDOT El Paso District
CSJ: 2552-04-027

FIGURE - E6

User: sandy

FILE: ... \Dgn\DRG\PROP\STORM_SYSTEMS*7.dgn

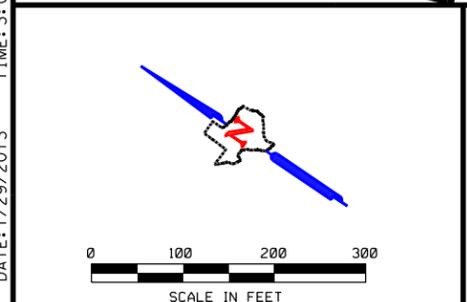
DATE: 1/29/2013 TIME: 3:07:54 PM



PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	TxDOT ROW
EXISTING RAILROAD LINES	PARCELS
INTERNATIONAL BOUNDARY	INTERSTATE 10
LOOP 375	W. PAISANO DR
PAISANO DR	E. PAISANO DR
MESA ST / DONIPHAN DR	

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



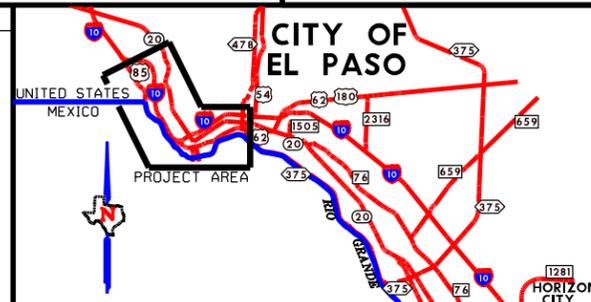
PRELIMINARY
 THIS PRINT IS FURNISHED FOR INFORMATION ONLY. THE PLAN INFORMATION OR OTHER DATA SHOWN HEREON IS SUBJECT TO CHANGE AND MUST NOT BE CONSTRUED AS FINAL.
 © 2013 by Texas Department of Transportation; (512) 416-2055; all rights reserved.

DATE: JANUARY 29, 2013

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



Texas Department of Transportation

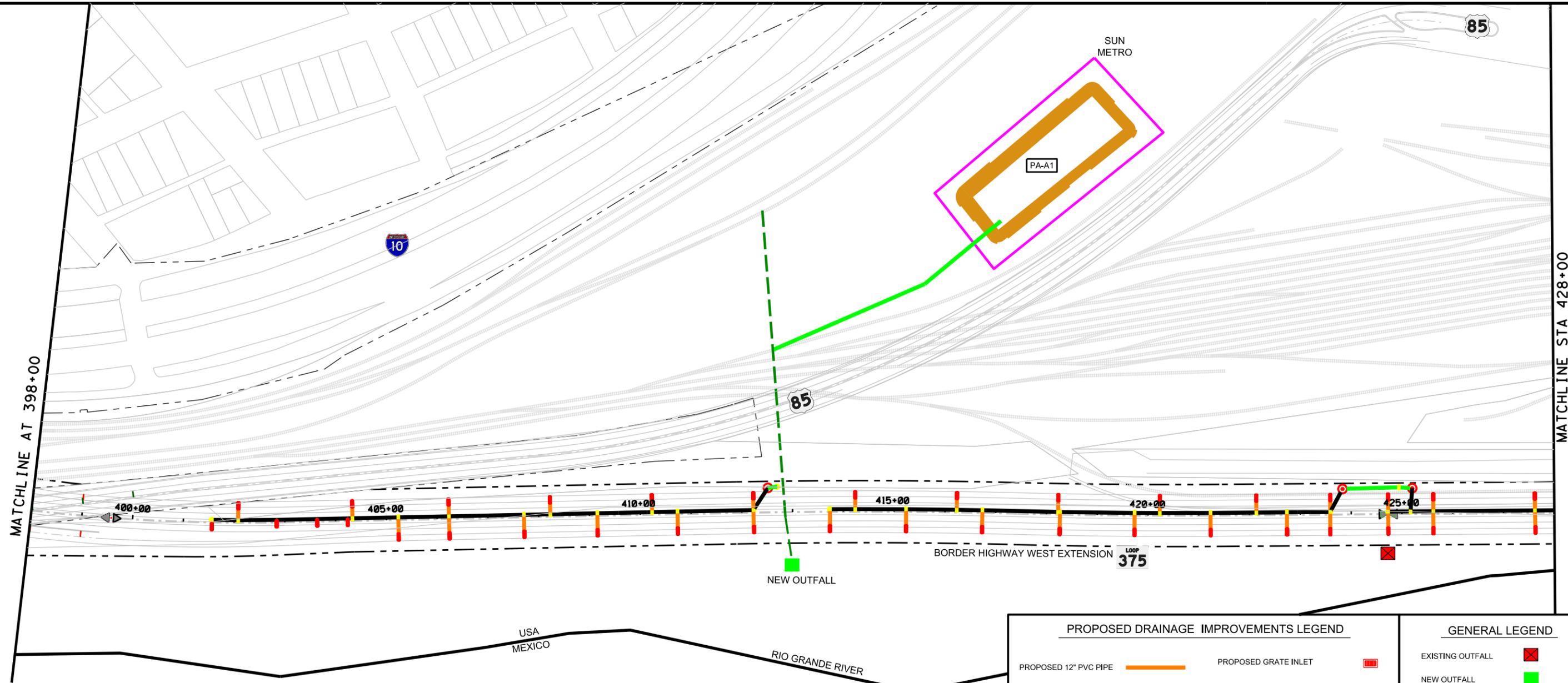
MCI Moreno Cardenas Inc.
 consulting engineers
 TEXAS REGISTRATION # F-000554

HALFF
 TRAFFIC ENGINEERS

Loop 375 Border Highway West Extension Project
 From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)

TxDOT El Paso District
 CSJ: 2552-04-027

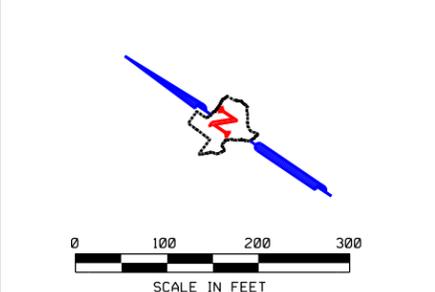
FIGURE - E7



PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	NEW OUTFALL
TxDOT ROW	EXISTING RAILROAD LINES
PARCELS	INTERNATIONAL BOUNDARY
INTERSTATE 10	LOOP 375
W. PAISANO DR	E. PAISANO DR
MESA ST / DONIPHAN DR	

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

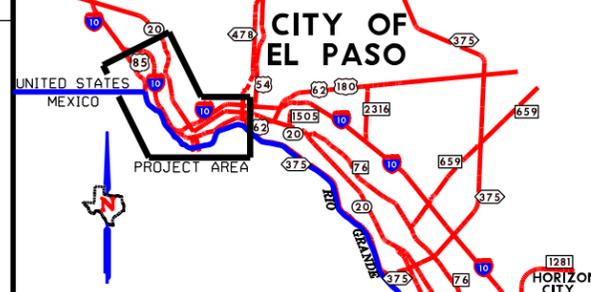


PRELIMINARY
 THIS PRINT IS FURNISHED FOR INFORMATION ONLY. THE PLAN INFORMATION OR OTHER DATA SHOWN HEREON IS SUBJECT TO CHANGE AND MUST NOT BE CONSTRUED AS FINAL.

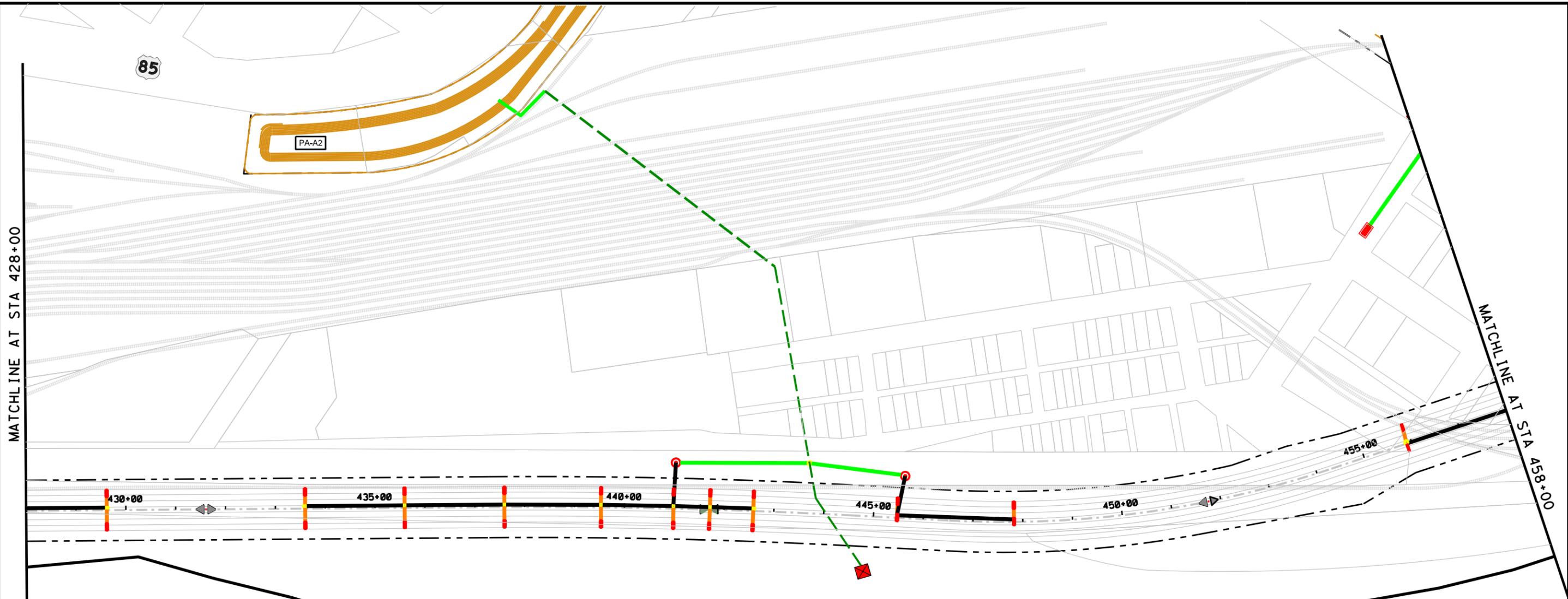
© 2013 by Texas Department of Transportation; (512) 416-2055; all rights reserved.

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 29, 2013



Loop 375 Border Highway West Extension Project
 From Race Track Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)
 TxDOT El Paso District
 CSJ: 2552-04-027



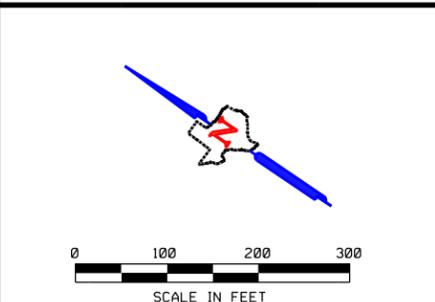
MATCHLINE AT STA 428+00

MATCHLINE AT STA 458+00

PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	TxDOT ROW
EXISTING RAILROAD LINES	PARCELS
INTERNATIONAL BOUNDARY	INTERSTATE 10
LOOP 375	W. PAISANO DR
E. PAISANO DR	MESA ST / DONIPHAN DR

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

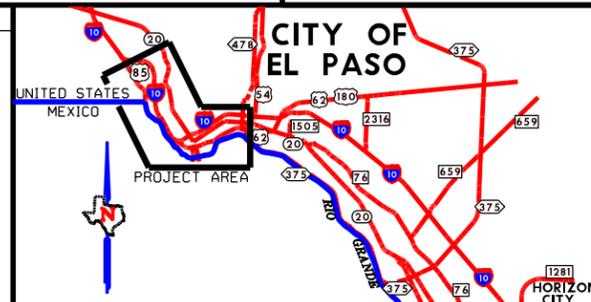


PRELIMINARY
 THIS PRINT IS FURNISHED FOR INFORMATION ONLY. THE PLAN INFORMATION OR OTHER DATA SHOWN HEREON IS SUBJECT TO CHANGE AND MUST NOT BE CONSTRUED AS FINAL.

© 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 29, 2013

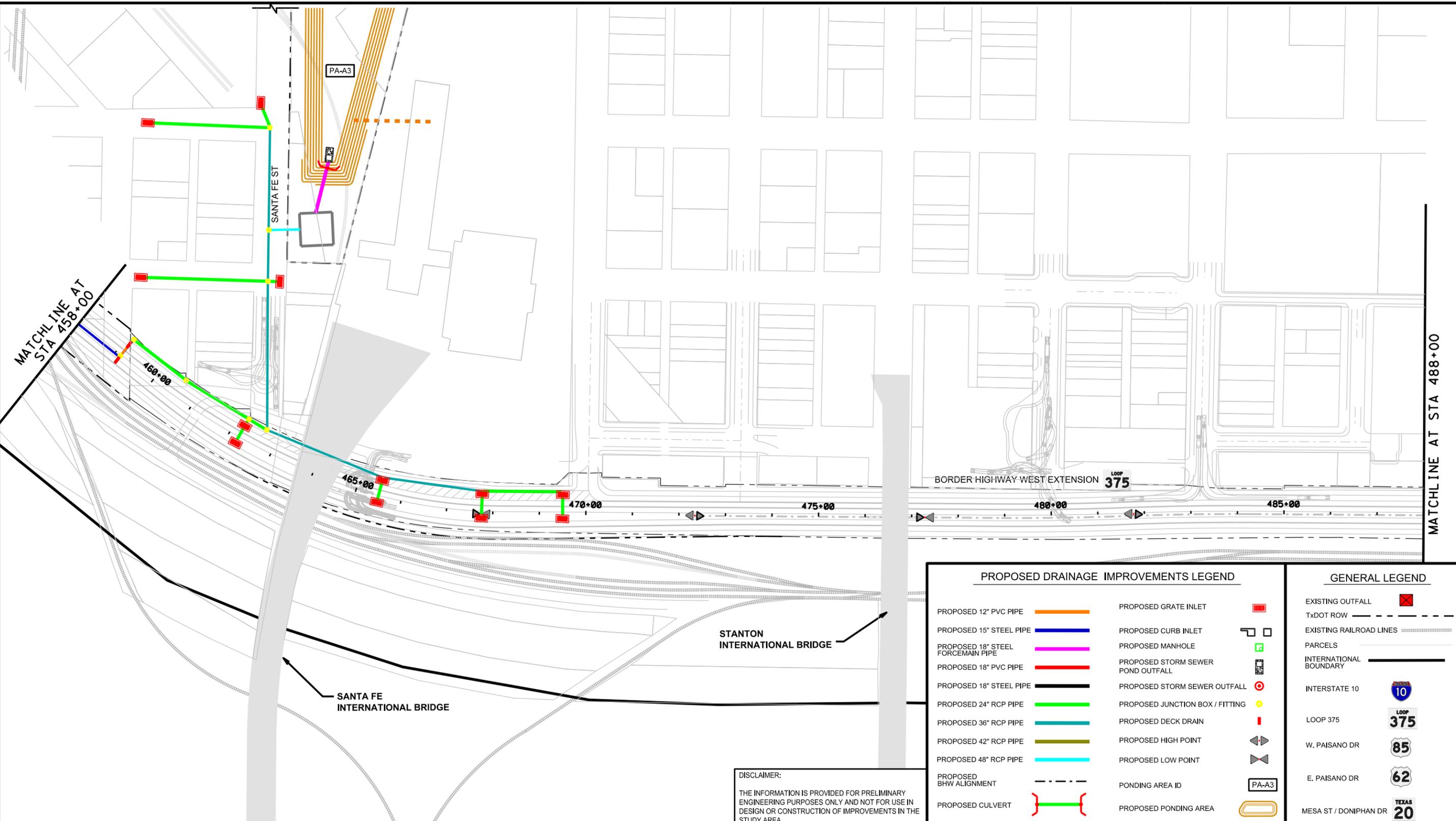


Texas Department of Transportation

MCi Moreno Cardenas Inc. consulting engineers TEXAS REGISTRATION # F-000554

HALFF ENGINEERS ARCHITECTS TEXAS REGISTRATION # F-000512

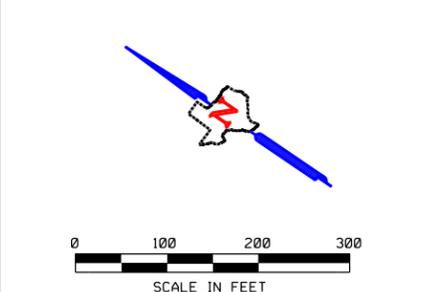
Loop 375 Border Highway West Extension Project
 From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)
 TxDOT El Paso District
 CSJ: 2552-04-027



PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

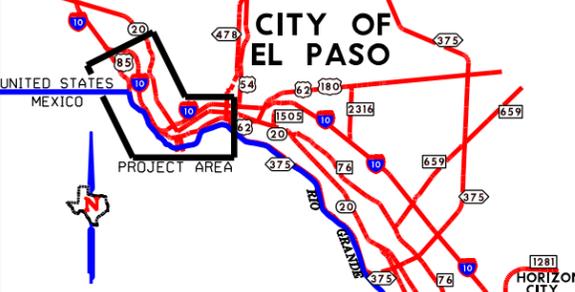
GENERAL LEGEND	
EXISTING OUTFALL	TxDOT ROW
EXISTING RAILROAD LINES	PARCELS
INTERNATIONAL BOUNDARY	INTERSTATE 10
LOOP 375	W. PAISANO DR
E. PAISANO DR	MESA ST / DONIPHAN DR

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.

DATE: JANUARY 29, 2013
 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



Texas Department of Transportation

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

HALFF
 TRAFFIC ENGINEERS

Loop 375 Border Highway West Extension Project
 From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)

TxDOT El Paso District
 CSJ: 2552-04-027

FIGURE - E10

MATCHLINE AT STA 488+00

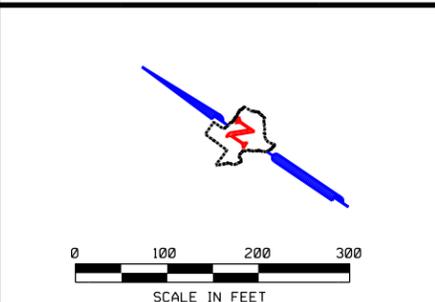
MATCHLINE AT STA 518+00



PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	TXDOT ROW
EXISTING RAILROAD LINES	PARCELS
INTERNATIONAL BOUNDARY	INTERSTATE 10
LOOP 375	W. PAISANO DR
E. PAISANO DR	MESA ST / DONIPHAN DR

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

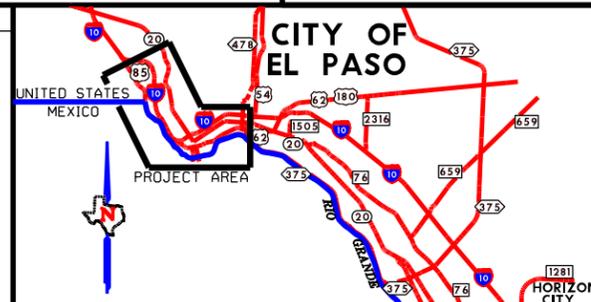


PRELIMINARY
 THIS PRINT IS FURNISHED FOR INFORMATION ONLY. THE PLAN INFORMATION OR OTHER DATA SHOWN HEREON IS SUBJECT TO CHANGE AND MUST NOT BE CONSTRUED AS FINAL.

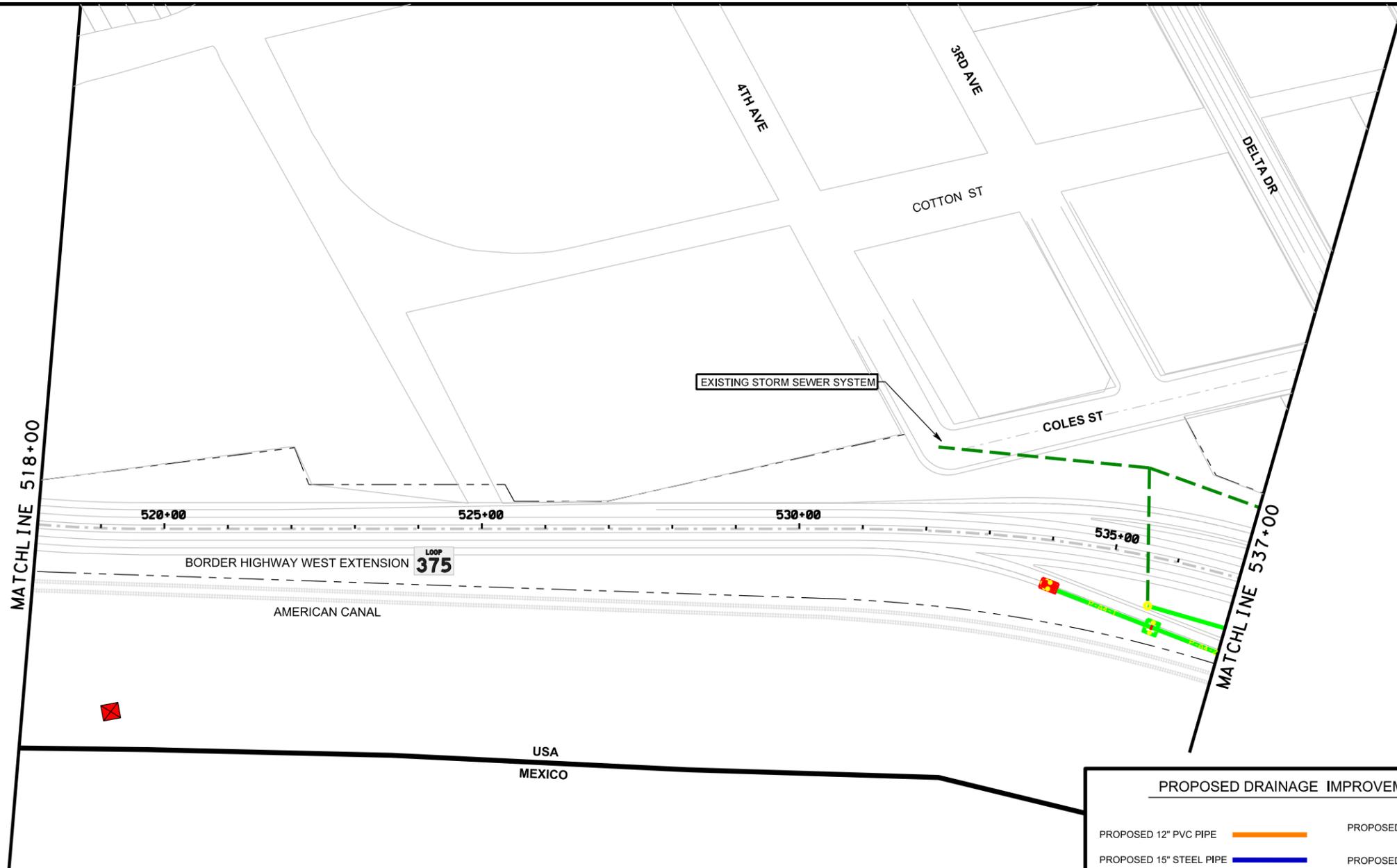
© 2013 by Texas Department of Transportation; (512) 416-2055; all rights reserved.

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 29, 2013



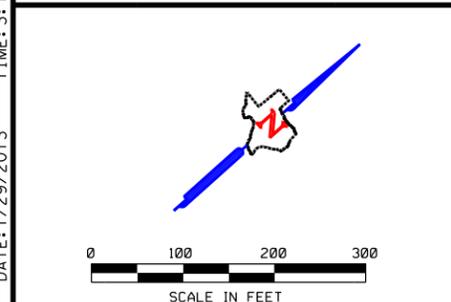
Loop 375 Border Highway West Extension Project
 From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)
 TxDOT El Paso District
 CSJ: 2552-04-027



PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	
TxDOT ROW	
EXISTING RAILROAD LINES	
PARCELS	
INTERNATIONAL BOUNDARY	
INTERSTATE 10	
LOOP 375	
W. PAISANO DR	
E. PAISANO DR	
MESA ST / DONIPHAN DR	

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.

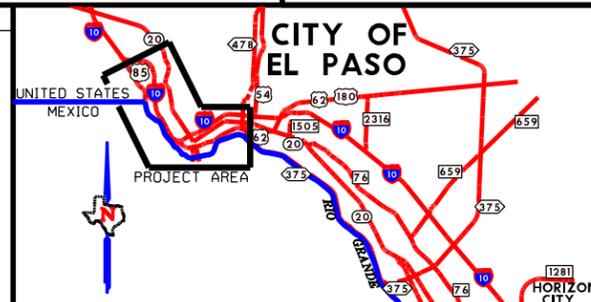
DATE: JANUARY 29, 2013

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



Texas Department of Transportation

consulting engineers
 MORENO CARDENAS, INC.
 TEXAS REGISTRATION # F-000554

HALFF
 TRAFFIC ENGINEERING

Loop 375 Border Highway West Extension Project
 From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)

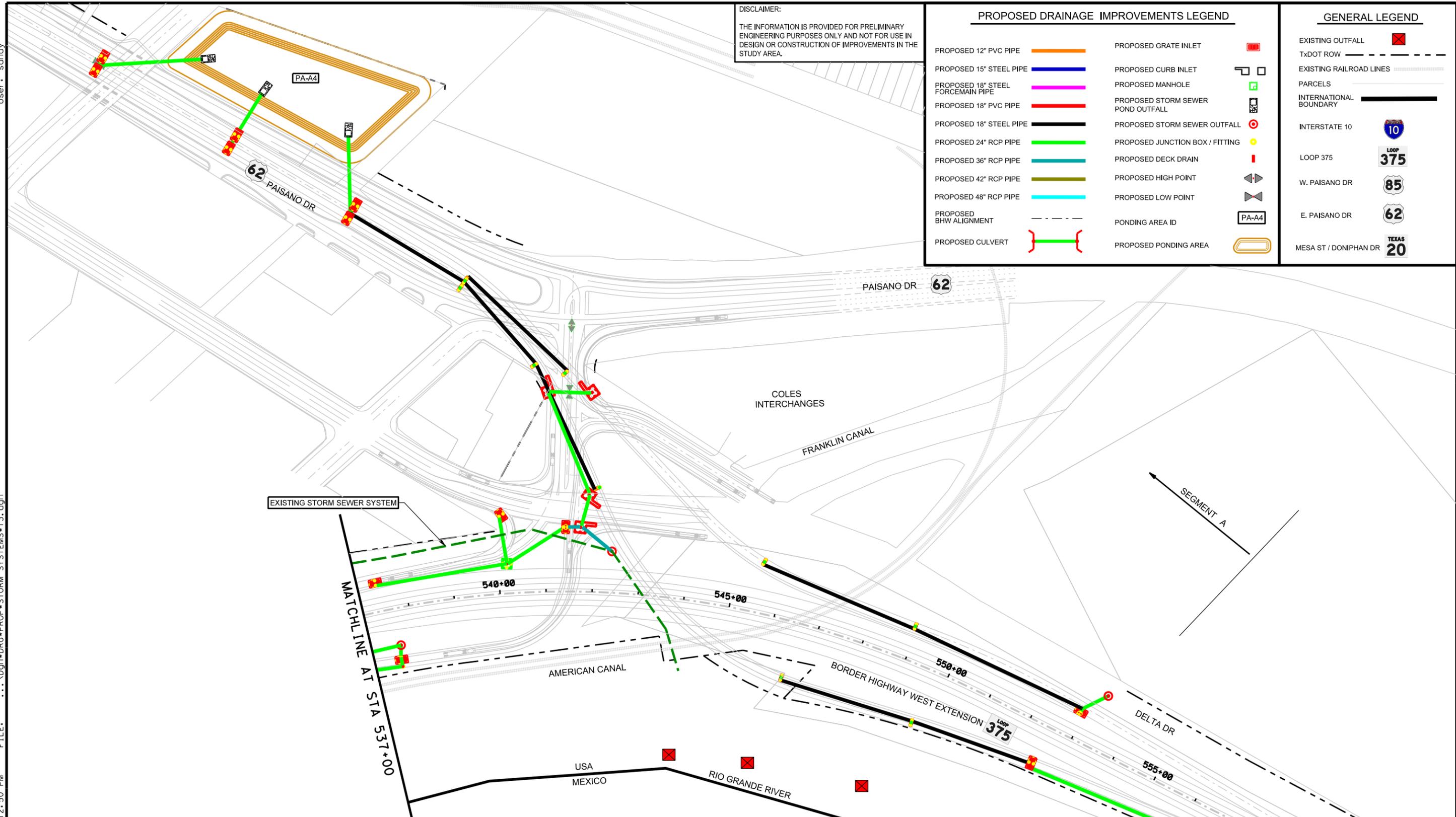
TxDOT El Paso District
 CSJ: 2552-04-027

FIGURE - E12

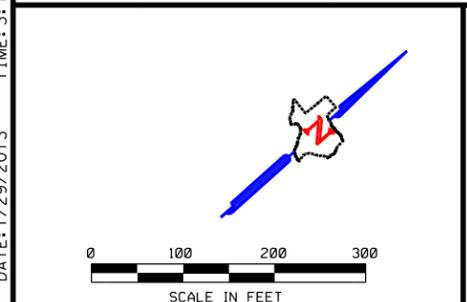
DISCLAIMER:
THE INFORMATION IS PROVIDED FOR PRELIMINARY ENGINEERING PURPOSES ONLY AND NOT FOR USE IN DESIGN OR CONSTRUCTION OF IMPROVEMENTS IN THE STUDY AREA.

PROPOSED DRAINAGE IMPROVEMENTS LEGEND	
PROPOSED 12" PVC PIPE	PROPOSED GRATE INLET
PROPOSED 15" STEEL PIPE	PROPOSED CURB INLET
PROPOSED 18" STEEL FORCEMAIN PIPE	PROPOSED MANHOLE
PROPOSED 18" PVC PIPE	PROPOSED STORM SEWER POND OUTFALL
PROPOSED 18" STEEL PIPE	PROPOSED STORM SEWER OUTFALL
PROPOSED 24" RCP PIPE	PROPOSED JUNCTION BOX / FITTING
PROPOSED 36" RCP PIPE	PROPOSED DECK DRAIN
PROPOSED 42" RCP PIPE	PROPOSED HIGH POINT
PROPOSED 48" RCP PIPE	PROPOSED LOW POINT
PROPOSED BHW ALIGNMENT	PONDING AREA ID
PROPOSED CULVERT	PROPOSED PONDING AREA

GENERAL LEGEND	
EXISTING OUTFALL	
TxDOT ROW	
EXISTING RAILROAD LINES	
PARCELS	
INTERNATIONAL BOUNDARY	
INTERSTATE 10	
LOOP 375	
W. PAISANO DR	
E. PAISANO DR	
MESA ST / DONIPHAN DR	



User: sandy
DATE: 1/29/2013 TIME: 3:12:50 PM FILE: ... \Dgn\DRG\PROP*STORM SYSTEMS*13.dgn



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.

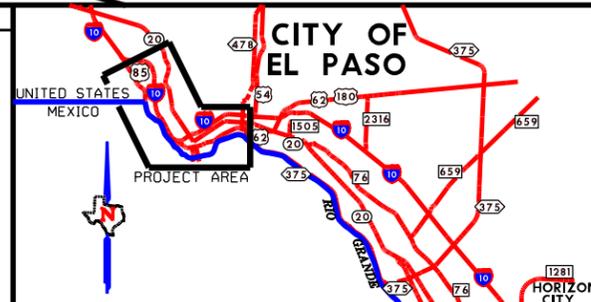
DATE: JANUARY 29, 2013

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






Loop 375 Border Highway West Extension Project
From Racetrack Drive to East of Park Street
DRAINAGE REPORT (SCHEMATIC LAYOUT)
PROPOSED STORM SEWER SYSTEMS (MAINLANES)

TxDOT El Paso District
CSJ: 2552-04-027



FIGURE - E13