TEXAS DEPARTMENT OF TRANSPORTATION
ODESSA DISTRICT

DESIGN SCHEMATIC
JOHN R. SPEED, P.E., DISTRICT ENGINEER
ECTOR/MIDLAND COUNTY
IH 20

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PROJECT LIMIT: FROM FM1936 TO EAST OF BUSINESS 20

CONTROL: 0004-07-124, 0004-07-125, 0005-13-059,
0004-07-128, 0005-14-084, 0005-067,
0005-14-086 , 0005-13-060, 0005-14-087

PROJECT LENGTH = 33.57 MILES (177,250.8 FT)

LEGEND:

- GENERAL PURPOSE LANES (GP LANES)
- RAMPS
- FRONTAGE ROAD/CITY STREETS
- PROPOSED RAMP CORE AREA
- PRELIMINARY STRUCTURE LIMITS
- PROPOSED BY OTHERS
- DISPLACED STRUCTURE
- DRIVEWAY
- SIDEWALK
- 100 YR FLOODPLAIN
- DIRECTION OF TRAFFIC
- UNDERCORE ALIGNMENT NAME
- PROPOSED RETAINING WALL
- METAL BEAM GUARD FENCE
- MAJOR POWER UTILITY
- EXISTING RIGHT-OF-WAY (R.O.W.)
- EXISTING CONTROL-OF-ACCESS (COA)
- PROPOSED RIGHT-OF-WAY (R.O.W.)
- PROPOSED CONTROL-OF-ACCESS (BY PERMIT)
- SECTIONS PROPOSED SIGN NUMBER
- EXISTING PAVEMENT REMOVAL
- RIGHT-OF-WAY TAKE AREA
- PROPOSED DRAINAGE
- PROPOSED DRAINAGE EASEMENT
- EXISTING DRAINAGE
- EXISTING DITCH

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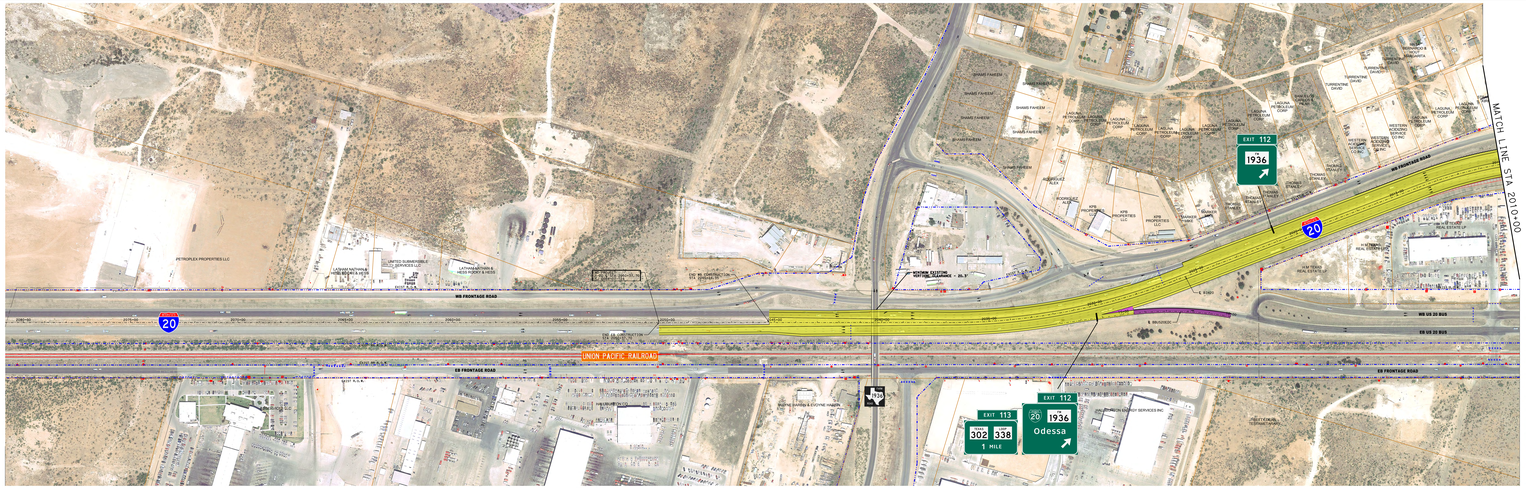
DGN:	SCHEMATIC	CKD:	SCHEMATIC
TXDOT DIST.	ODESSA	FED. RD. DIV.	SCHEMATIC
FILE:	SCHEMATIC	DATE:	SCHEMATIC
CONT:	SCHEMATIC	SECT:	SCHEMATIC
HWY:	SCHEMATIC	PROJ. ID:	SCHEMATIC

1

JACOBS
Jacobs Engineering Group Inc.
1999 Bryan Street, Suite 1300
Dallas, Texas 75201-3136
Phone 214.638.0145

ROLL: 1 OF 24


MATCH LINE STA. 2010+00
WB FRONTAGE ROAD
EB FRONTAGE ROAD
UNION PACIFIC RAILROAD
PETROPLEX PROPERTIES LLC
LATHAM NATIONAL REAL ESTATE LLC
UNITED SUBMARINE SERVICES LLC
LATHAM NATION & REDD
LOC NO.4 CONSTRUCTION CO. (DENVER)
NORTHERN TRUSTCO OF TEXAS N.A.
EXIT 112
1936
20
EXIT 113
302
938
1 MILE
EXIT 112
20
1936
Odessa
WB US 20 BUS
EB US 20 BUS
EB RAMP
WB RAMP
EB RAMP
WB RAMP
EB RAMP
WB RAMP

TEXAS DEPARTMENT OF TRANSPORTATION
ODESSA DISTRICT

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- PROPOSED DRAINAGE
- PROPOSED DRAINAGE EASEMENT
- EXISTING DRAINAGE
- EXISTING DITCH

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DGN	SHEET	DATE	5/20/2015
CHKD	BY	DATE	5/20/2015
APVD	BY	DATE	5/20/2015
DATE			

2

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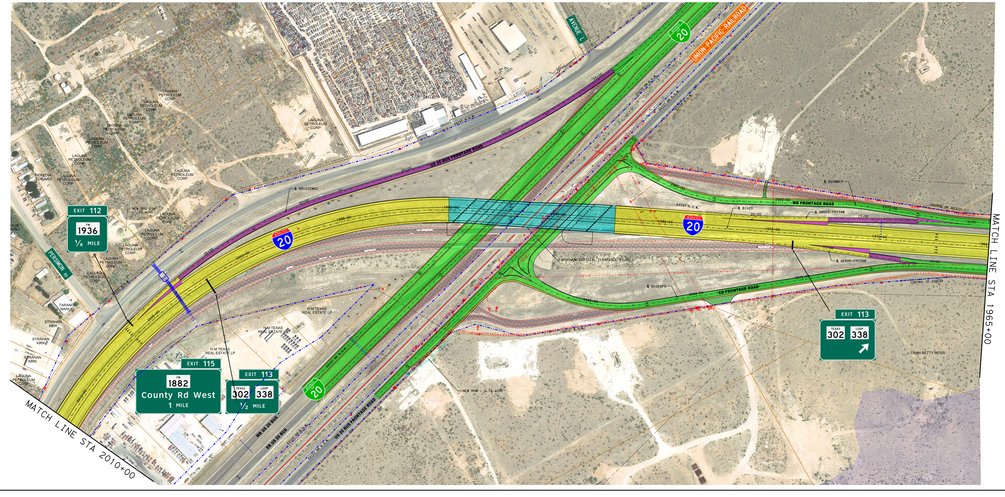
Jacobs Engineering Group Inc.
1999 Bryan Street, Suite 1200
Dallas, Texas 75201
Tel: 214.638.0145
Texas Registration No. F-2966

ROLL: 2 OF 24



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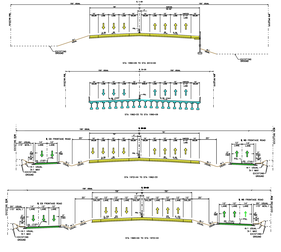

PROPOSED TYPICAL SECTION

2

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1999 Bryan Street, Suite 1200
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ROLL: 2 OF 24

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PIC: DARREN G. L. DATE: 5/20/2015
PM: DARREN G. L. DATE: 5/20/2015
CHK: M. L. DATE: 5/20/2015
DSN: M. L. DATE: 5/20/2015

3

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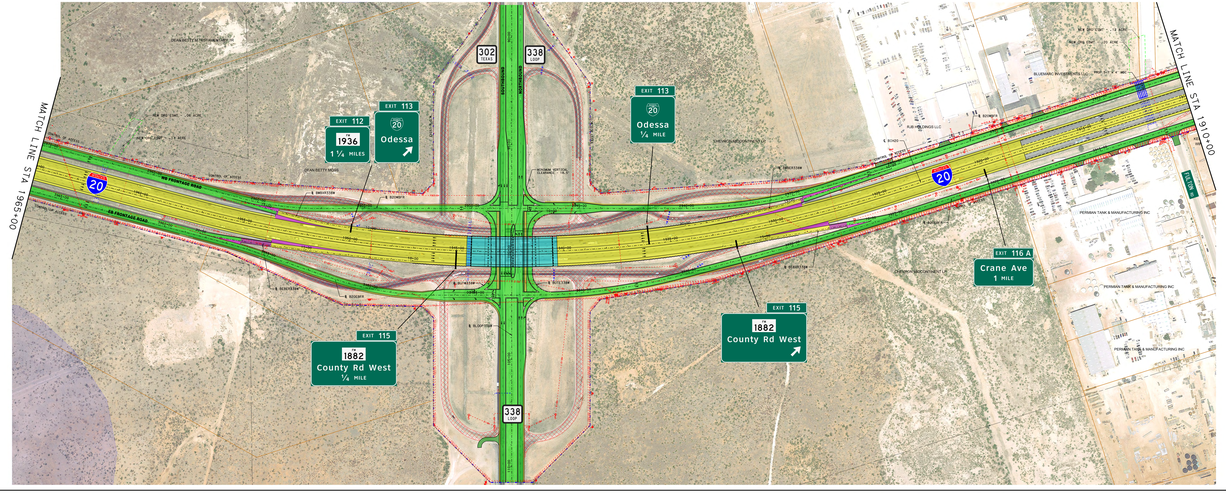
Phone: 214.638.0145

ROLL: 3 OF 24



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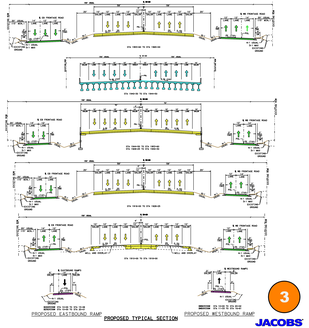

3

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- EXISTING DRAINAGE
- EXISTING DITCH

DESIGNING
ALIGNMENT NAME

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JOHN R. SPEED, P.E.
Full Name (P.E.) DATE 5/20/2015
Full Name (R.P.L.S.) DATE 5/20/2015
Full Name (R.A.) DATE 5/20/2015

ROLL: 4 OF 24

4

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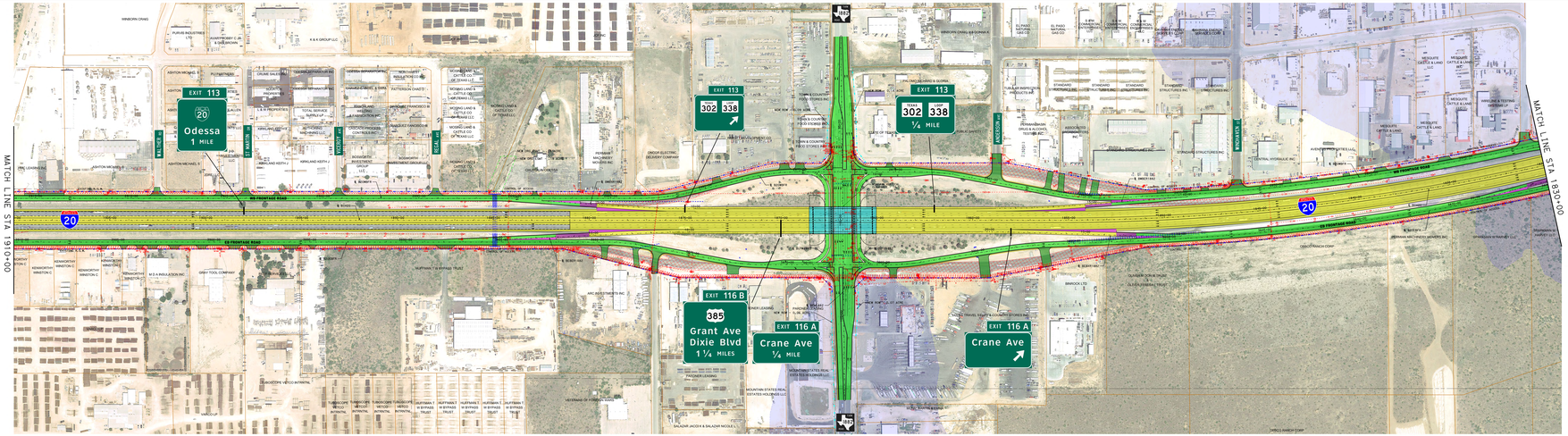
DALLAS, TEXAS 75201
TBPE FIRM F-2579



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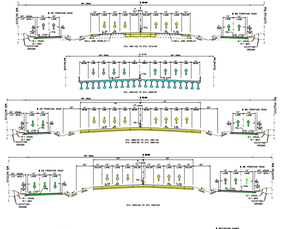

PROPOSED TYPICAL SECTION

ROLL: 4 OF 24

4

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DALLAS, TEXAS 75201
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TEXAS DEPARTMENT OF TRANSPORTATION
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RAY GARRETT, P.E.		DATE:	5/30/2023
DAVID J. MCCOY		DATE:	5/30/2023
JOHN R. SPEED, P.E.		DATE:	5/30/2023
DAN J. WILSON		DATE:	5/30/2023

5

JACOBS
JACOBS ENGINEERING GROUP INC.
1999 BRYAN STREET, SUITE 1200
DALLAS, TEXAS 75201
TBPE FIRM F-2447

ROLL: 5 OF 24

EXIT 115
1882
County Rd West
EXIT ONLY
EXIT 116 B
385
Grant Ave
Dixie Blvd
EXIT ONLY
EXIT 118
3503
Grandview Ave
1 MILE
EXIT 116 B
385
Grant Ave
Dixie Blvd
EXIT ONLY
EXIT 115
1882
County Rd West
1 MILE
EXIT 116
385
Grant Ave
Crane Ave
EXIT 118
3503
Grandview Ave
¼ MILE
MATCH LINE STA 1830+00
MATCH LINE STA 1745+00
20
385
LINCOLN ST
DIXIE BLVD
FM 1936
SE FRONTAGE ROAD
NE FRONTAGE ROAD
E. GRANDVIEW
E. CRANE
E. DIXIE BLVD
E. DOUGLAS
E. CRAIG
E. DOUGLAS
E. CRAIG
E. DIXIE BLV

TEXAS DEPARTMENT OF TRANSPORTATION
ODESSA DISTRICT

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Date Plotted: 9/20/2021

6

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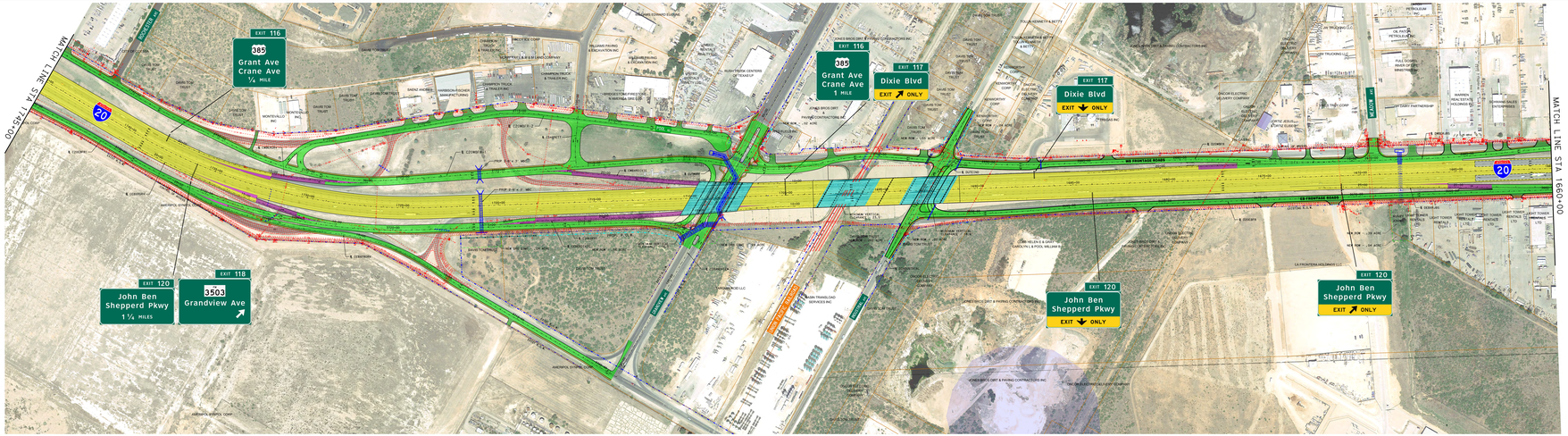
1999 Bryan Street, Suite 2000
Dallas, Texas 75201
Phone: 214.638.0145
TBPE Firm Registration No. F-2447

ROLL: 6 OF 24



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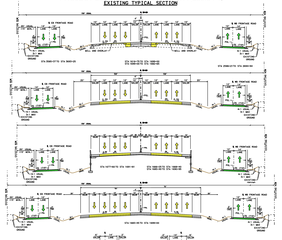
EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

6

JACOBS
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ROLL: 6 OF 24

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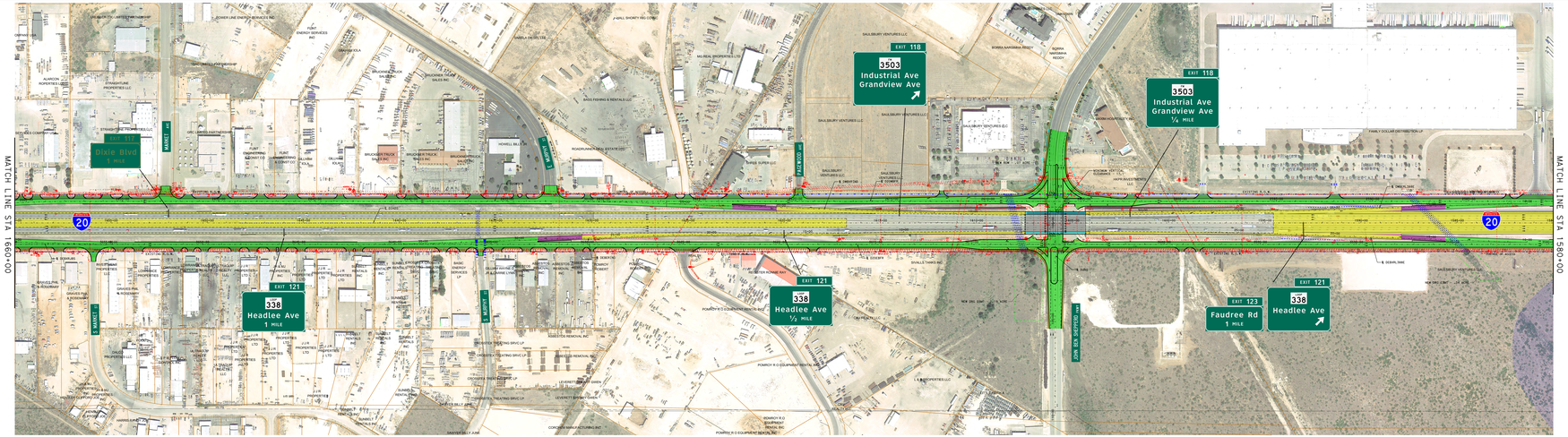
PRELIMINARY ENGINEER: JOHN R. SPEED, P.E. DATE: 5/20/2015
PRELIMINARY ROW: DATE:
PRELIM. PS&E: DATE: 5/20/2015
FINAL PS&E: DATE:

JACOBS
JACOBS ENGINEERING GROUP INC.
1999 BRYAN STREET, SUITE 1200
DALLAS, TEXAS 75201
(214) 638-0145

ROLL: 7 OF 24


MATCH LINE STA 1660+00
MATCH LINE STA 1580+00
EXIT 117
Dixie Blvd
1 MILE
EXIT 118
3503
Industrial Ave
Grandview Ave
EXIT 118
3503
Industrial Ave
Grandview Ave
1/4 MILE
EXIT 121
338
Headlee Ave
1 MILE
EXIT 121
338
Headlee Ave
1/2 MILE
EXIT 121
338
Headlee Ave
EXIT 123
Faudree Rd
1 MILE
20
20
BAKER
S. BAKER
S. MARKLAND
S. MARKLAND
S. DUNCAN
S. DUNCAN
S. GRANDVIEW
S. GRANDVIEW
S. BUSINESS 20
S. BUSINESS 20
SAN MARCOS ST
SAN MARCOS ST
S. DESERTA
S. DESERTA
S. DESERTA

TEXAS DEPARTMENT OF TRANSPORTATION
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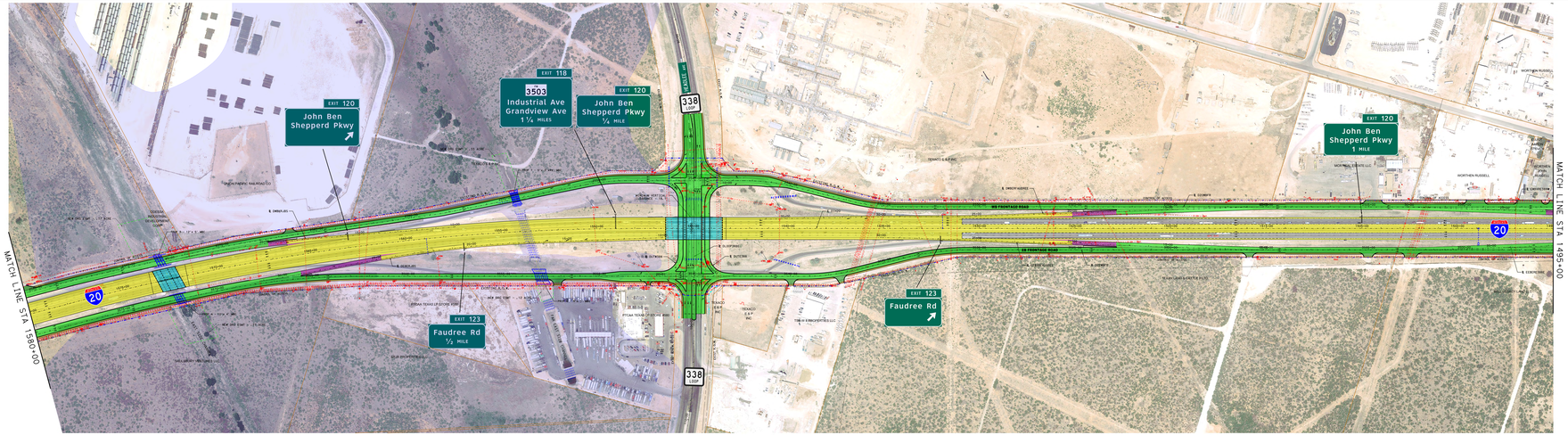
- EXISTING DITCH

PRELIMINARY FOR INTERIM REVIEW ONLY
THIS PLAN IS NOT FOR CONSTRUCTION OR BID PURPOSES. THE ENGINEER IS RESPONSIBLE FOR THE ACCURACY OF THE DESIGN, DRAWINGS, AND WORK PRODUCT PRIOR TO ISSUANCE OF FINAL PLANS.
SIGN NAMES: N/A SIGNS: 0/0/0/0/0
SIGN NO.'S: N/A SIGN: 0/0/0/0/0
SIGN NO.'S: N/A SIGN: 0/0/0/0/0

ROLL: 8 OF 24

JACOBS
JACOBS ENGINEERING GROUP INC.
1999 BRYAN STREET, SUITE 1200
DALLAS, TEXAS 75201
TBPE FIRM F-2447


EXIT 120
John Ben Shepperd Pkwy
EXIT 118
3503
Industrial Ave Grandview Ave
1 1/4 MILES
EXIT 120
John Ben Shepperd Pkwy
1/4 MILE
EXIT 123
Faudree Rd
1/2 MILE
EXIT 123
Faudree Rd
EXIT 120
John Ben Shepperd Pkwy
1 MILE
338
338
20
20
MATCH LINE STA 1580+00
MATCH LINE STA 1495+00
TEXAS PACIFIC RAILROAD CO
TEXACO E&P INC
MIDLAND ESTATES LLC
NORTHEN RUSSELL
TEXAS DEPARTMENT OF PUBLIC SAFETY
TEXAS TEXAS LP STORE #208
TEXAS TEXAS LP STORE #80
TEXAS TEXAS LP STORE #80
TEXAS TEXAS LP STORE #208
TEXAS TEXAS LP STORE #208
TEXAS TEXAS LP STORE #208

TEXAS DEPARTMENT OF TRANSPORTATION
ODESSA DISTRICT

DESIGN SCHEMATIC
JOHN R. SPEED, P.E., DISTRICT ENGINEER
ECTOR/MIDLAND COUNTY
IH 20

PROJECT LIMIT: FROM FM1936 TO EAST OF BUSINESS 20

CONTROL: 0004-07-124, 0004-07-125, 0005-13-059,
0004-07-128, 0005-14-084, 0005-067,
0005-14-086 , 0005-13-060, 0005-14-087

PROJECT LENGTH = 33.57 MILES (177,250.8 FT)

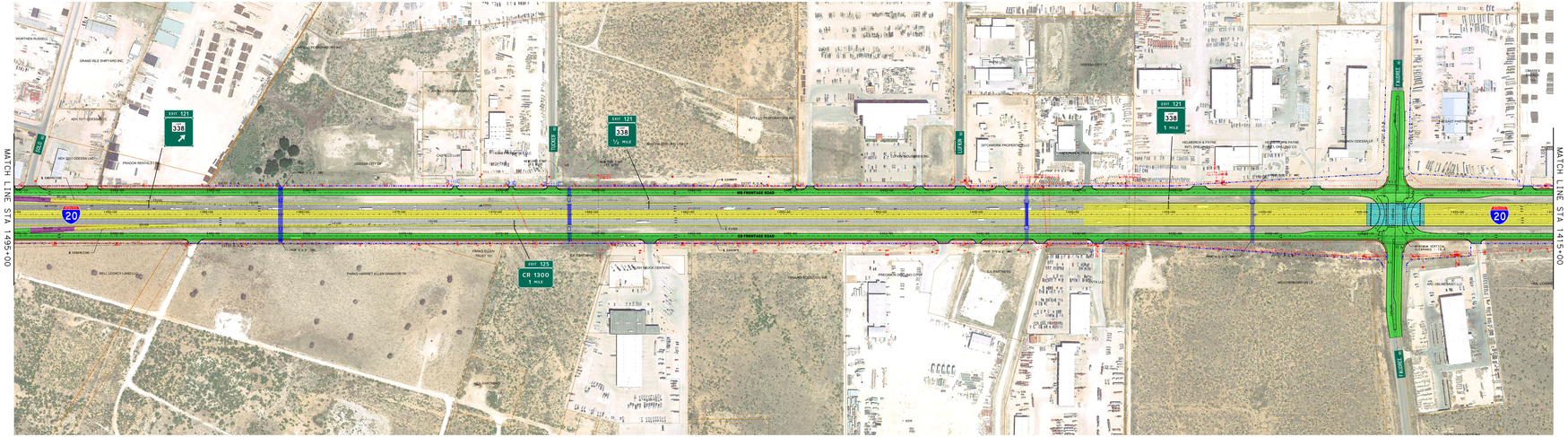
LEGEND:

- GENERAL PURPOSE LANES (GP LANES)
- RAMPS
- FRONTAGE ROAD/CITY STREETS
- PROPOSED RAMP CORE AREA
- PRELIMINARY STRUCTURE LIMITS
- PROPOSED BY OTHERS
- DISPLACED STRUCTURE
- DRIVEWAY
- SIDEWALK
- 100 YR FLOODPLAIN
- DIRECTION OF TRAFFIC
- ALIGNMENT NAME
- PROPOSED RETAINING WALL
- METAL BEAM GUARD FENCE
- MAJOR POWER UTILITY
- EXISTING RIGHT-OF-WAY (R.O.W.)
- EXISTING CONTROL-OF-ACCESS (COA)
- PROPOSED RIGHT-OF-WAY (R.O.W.)
- PROPOSED CONTROL-OF-ACCESS (BY PERMIT)
- PROPOSED SIGN NUMBER
- EXISTING PAVEMENT MARKING
- RIGHT-OF-WAY TAKE AREA
- PROPOSED DRAINAGE
- PROPOSED DRAINAGE EASEMENT
- EXISTING DRAINAGE
- EXISTING DITCH

PRELIMINARY FOR INTERIM REVIEW ONLY
THIS DOCUMENT IS NOT INTENDED TO BE USED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES. IT WAS PREPARED BY OR UNDER THE PERSONAL SUPERVISION OF:
JOHN R. SPEED, P.E. DATE: 5/20/2015
JOHN W. MOORE, P.E. DATE: 5/20/2015
JOHN W. MOORE, P.E. DATE: 5/20/2015
NAME: P.E. DATE:

JACOBS
JACOBS ENGINEERING GROUP INC.
1999 BRYAN STREET, SUITE 1200
DALLAS, TEXAS 75201
TEL: 214-638-0145
TBPE FIRM F-2579

ROLL: 9 OF 24


MATCH LINE STA 1495+00
MATCH LINE STA 1415+00
EXIT 121
338
EXIT 121
358
1/2 MILE
EXIT 121
358
1 MILE
EXIT 123
CR 1300
1 MILE
20
WB FRONTAGE ROAD
EB FRONTAGE ROAD
PRIMROSE
PECOS
GRANDE
CRANE
WORTHEN RUSSELL
GRAND ISLE SHIPYARD INC
ARGUS TRANSPORTER INC
ARGUS PORTA-BOARD INC
AEH PET COSTAR LAND
PRIDGEN REPAIR
CASTLE LLC
ODESSA CITY INN
ODESSA CITY CTR
ARGUS PROTOTYPE INC
ARGUS PORTA-BOARD INC
ODESSA CITY CTR
ODESSA CITY CTR
ODESSA CITY CTR