Texas Department of Transportation

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US54
GEOMETRIC SCHEMATIC DESIGN

FROM: GEOMETRIC-STREET
TO: MCCOMB STREET

CONTROL SECTIONS: 2-2
CONTROL TYPE: CSJ

DATE	STATE	DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.
5/9/2024	TX	EL PASO	EL PASO	0147	02	102

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED	ARRT
PROPOSED US 54 MAINLINE	URBAN PRINCIPAL FREEWAY	70 MPH	IL-15
EXISTING US 54 MAINLINE	URBAN PRINCIPAL FREEWAY	70 MPH	IL-15
PROPOSED ENTRANCE RAMP (EXIT RAMP) TO US 54	N/A	50 MPH	IL-15
PROPOSED RAMP	URBAN PRINCIPAL ARTERIAL	45 MPH	IL-15
EXISTING RAMP	URBAN RAMP ARTERIAL	40 MPH	IL-15
SUN RAILWAY US	URBAN RAMP ARTERIAL	40 MPH	IL-15

PROJECT LOCATION MAP
EL PASO COUNTY

PROJECT LENGTH	2.294 MILES	SEC. NO.	6
PROJECT NO.	XXXX	HIGHWAY NO.	US-54

STATE PLANE: NAD 1983 (grid) FIPS 4203 Feet
SURFACE TO GRID FACTOR: 1.00000

SCALE(S) PRESENTED ON AN 24X36 ON DIRECT PLOTTING MEDIUM

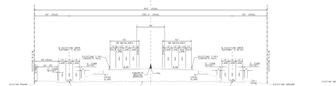
IN FEEDER MIN. TOTAL ___ FT. OF ___ FT. ROLL

PRELIMINARY
FOR REVIEW PURPOSES ONLY. NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.

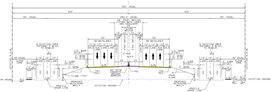
SCALE(S) 1"=100' H
SCALE(S) 1"=10' V

ROLL 1 OF 3

FIRM
FIRM Registration No. F-754
2114 Western Drive, Suite 300
Lansing, MI 48915
517.882.4400

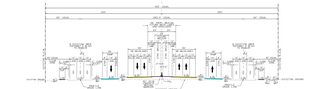


US54 EXISTING TYPICAL SECTION
BEGIN PROJECT TO STA 8+00+00.00



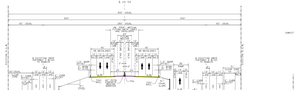
PROPOSED TYPICAL SECTION
STA 8+00+00.00 TO STA 8+80+00.00
STA 8+80+00.00 TO STA 9+00+00.00
STA 9+00+00.00 TO STA 11+00+00.00
STA 11+00+00.00 TO STA 17+00+00.00

VIDE PLAN SHEET FOR 1-INCH OF RETAINING WALLS

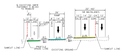


PROPOSED TYPICAL SECTION
STA 8+00+00.00 TO STA 8+80+00.00
STA 8+80+00.00 TO STA 9+00+00.00
STA 9+00+00.00 TO STA 11+00+00.00
STA 11+00+00.00 TO STA 17+00+00.00

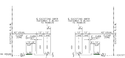
US54 EXISTING TYPICAL SECTION
STA 8+00+00.00 TO STA 17+00+00.00



PROPOSED TYPICAL SECTION
STA 8+00+00.00 TO STA 17+00+00.00



PROPOSED RAMP TYPICAL SECTION
STA 1+00+00.00 TO STA 4+11+11.00
STA 4+00+00.00 TO STA 4+00+00.00



PROPOSED SUP TYPICAL SECTION
STA 1+00+00.00 TO STA 4+00+00.00

EXISTING BRIDGE TYPICAL SECTION
BRIDGE PROJECT TO STA 8+00+00.00

PROPOSED BRIDGE TYPICAL SECTION
STA 8+00+00.00 TO STA 8+80+00.00
BRIDGE PROJECT TO STA 17+00+00.00

EXISTING TYPICAL SECTION
SAN MIGUEL DR

PROPOSED TYPICAL SECTION
SAN MIGUEL DR

TRAFFIC DIAGRAM

TRAFFIC APPROVED 6/29/23

LEGEND

- PROPOSED RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- PROPOSED FRONTAGE ROADS
- PROPOSED CURB
- PROPOSED GRADE SEPARATION
- PROPOSED SIDEWALK
- PROPOSED RECONSTRUCTION
- PROPOSED PAVEMENT REPAIR
- PROPOSED PAVEMENT REMOVAL
- EXISTING CURB
- EXISTING RIGHT-OF-WAY
- EXISTING RAIL
- EXISTING CENTRAL OF ACCESS
- EXISTING RIGHT-OF-WAY OFFSET
- PROPOSED BUS LANE
- EXISTING BUS LANE
- EXISTING LANE (MARKED)
- PROPOSED LANE (MARKED)
- EXISTING LANE (NOT MARKED)
- PROPOSED LANE (NOT

Texas Department of Transportation

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US54
GEOMETRIC SCHEMATIC DESIGN

FROM: GEOMETRIC STREET
TO: MCCOMBS STREET

CONTROL SECTIONS / JOB
CSJ: 0174-06-142

DATE	STATE	DISTRICT	COUNTY	CONTROL SECTION	JOB	ACCOUNTING NUMBER
5/9/2024	TX	EL PASO	EL PASO	0187	01	100

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED	UNIT
PROPOSED US 54 MAINLINE (MCCOMBS TO TCA)	URBAN PRINCIPAL ARTERIAL	70 MPH	IL-70
EXISTING US 54 MAINLINE (TCA TO ZARAGOSA)	URBAN PRINCIPAL ARTERIAL	60 MPH	IL-70
PROPOSED EXTENDED RAMP (MCCOMBS TO TCA)	N/A	50 MPH	IL-70
PROPOSED RAMP (TCA TO ZARAGOSA)	URBAN PRINCIPAL ARTERIAL	45 MPH	IL-70
SUN BOULEVARD	URBAN MINOR ARTERIAL	40 MPH	IL-70

PROJECT LOCATION MAP
EL PASO COUNTY

PROJECT LENGTH: 2.294 MILES	SHEET NO.	TOTAL SHEETS
PROJECT NO.: XXXX	HIGHWAY NO.: US-54	6

STATE PLANE: NAD 1983 (2011) FT/TX 4203 Feet
SURFACE TO GRID FACTOR: 1.00000

SCALE(S) FOR PROPOSED PLANS OR AS-BUILT
"IN DIRECT MODE" OR "IN MODEL SPACE"

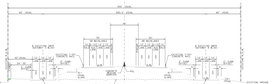
IN MODEL SPACE: 1"=100' H
IN PLOT: 1"=10' V

PRELIMINARY
FOR REVIEW PURPOSES ONLY. NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.

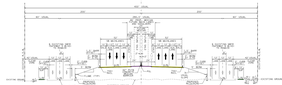
SCALE(S): 1"=100' H
SCALE(S): 1"=10' V

ROLL 2 OF 3

HDR
FIRM
FIRM Registration No. F-754
2211 Pancon Drive, Suite 300
El Paso, Texas 79911
915.593.0927

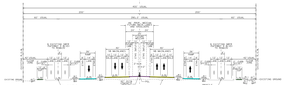


US54 EXISTING TYPICAL SECTION
BEGIN PROJECT TO STA 604+00.00

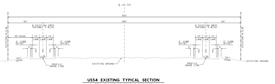


PROPOSED TYPICAL SECTION
STA 604+00.00 TO STA 606+15.00
STA 606+15.00 TO STA 608+00.00
STA 608+00.00 TO STA 610+00.00
STA 710+00.00 TO STA 712+00.00

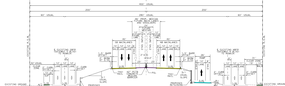
*SEE PLAN FOR LIMITS OF RETAINING WALLS.



PROPOSED TYPICAL SECTION
STA 608+00.00 TO STA 610+15.00
STA 710+00.00 TO STA 712+15.00

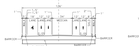


US54 EXISTING TYPICAL SECTION
END PROJECT TO END PROJECT



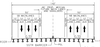
PROPOSED TYPICAL SECTION
STA 712+00.00 TO END PROJECT

PROPOSED TYPICAL SECTION
STA 610+15.00 TO STA 612+15.00
STA 712+15.00 TO STA 714+15.00
STA 714+15.00 TO STA 716+15.00

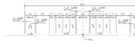


EXISTING BRIDGE TYPICAL SECTION
MCCOMBS ST

PROPOSED BRIDGE DECONFIGURATION TYPICAL SECTION
MCCOMBS ST



PROPOSED BRIDGE TYPICAL SECTION
STA 604+00.00 TO STA 606+00.00
STA 708+00.00 TO STA 710+00.00


E MCCOMBS 37'
PROPOSED TYPICAL
PROPOSED TYPICAL
PROPOSED TYPICAL