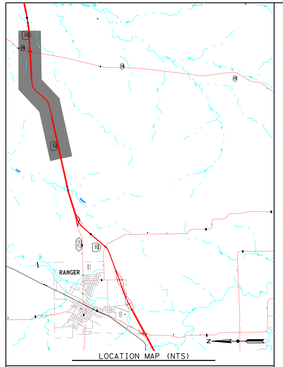


LOCATION MAP (NTS)

DESIGN SPEEDS

IH20 MAINLANES 75 MPH
IH20 FRONTAGE ROADS 50 MPH
RAMPS 55 MPH

TRAFFIC DATA:

20800 - 2018 ADT
28600 - 2038 ADT
32400 - 2048 ADT

NOTES:

TRAFFIC VOLUMES PROVIDED BY TXDOT BROWNWOOD DISTRICT ON MAY 3, 2016

OWNER NAME	ACRES TO BE OBTAINED
EBAA IRON INC	0.13
DOUGLAS & CELESTE JOHNSON	72.48
JAMES R. FAMBRO	10.94
LUTHER FAMBRO	2.09
WESLEY WALKER	1.79

Texas Department of Transportation
© 2016 by Texas Department of Transportation all rights reserved
BROWNWOOD DISTRICT
DESIGN SCHEMATIC
ELIAS RMEILI, P.E., DISTRICT ENGINEER

IH 20 RANGER HILL
FROM APPROX. 3.5 MILES EAST OF
LP 254 TO 0.50 MILE EAST OF SH 16
EASTLAND COUNTY, TEXAS
CSJ: 0007-06-084

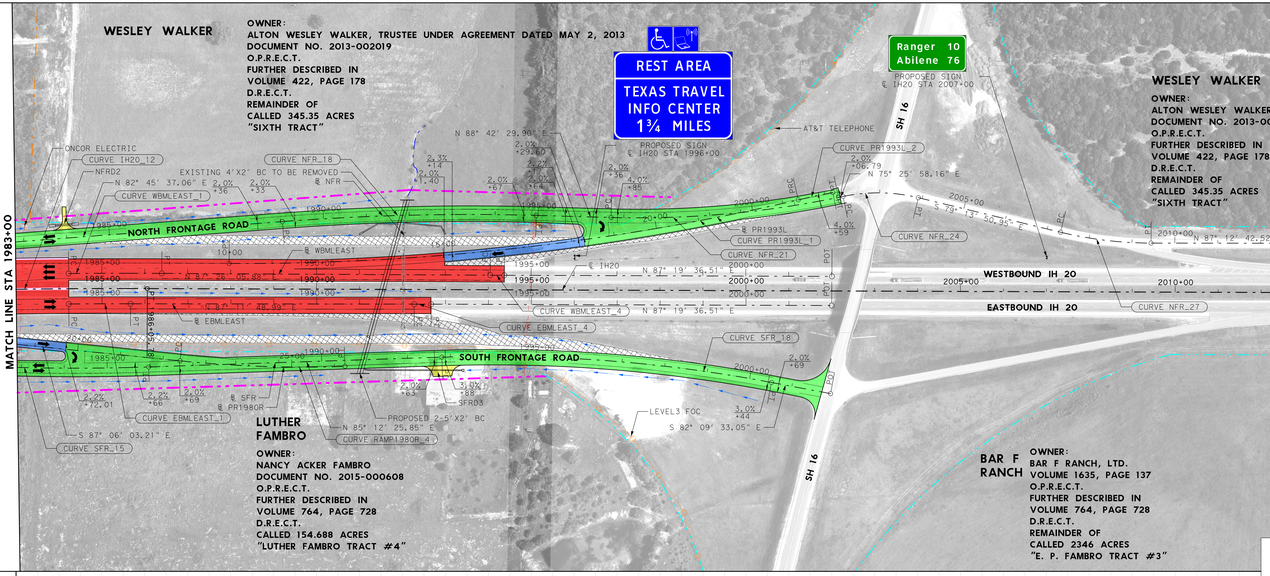
FUNCTIONAL CLASSIFICATION:
RURAL INTERSTATE

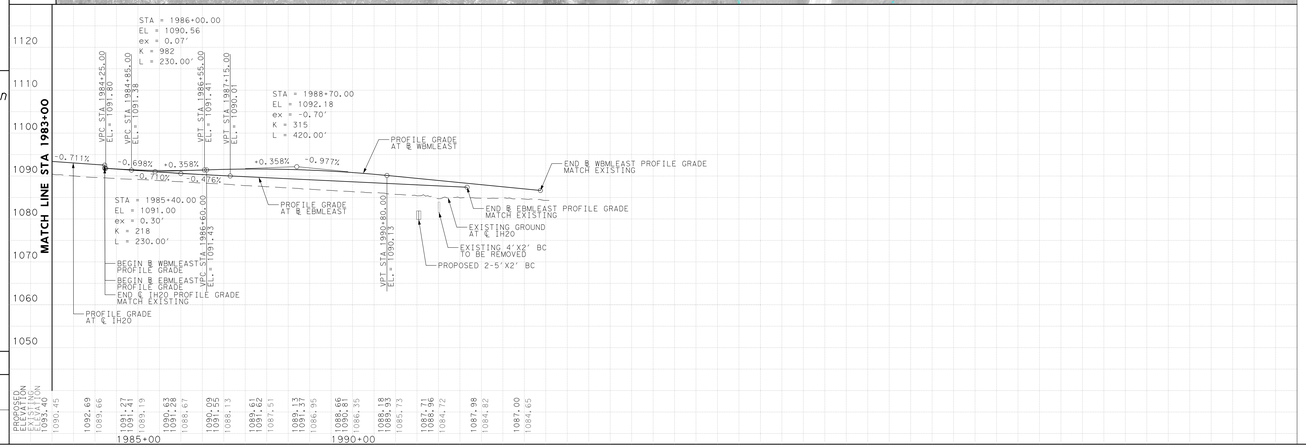
LENGTH: 3.45 MILES

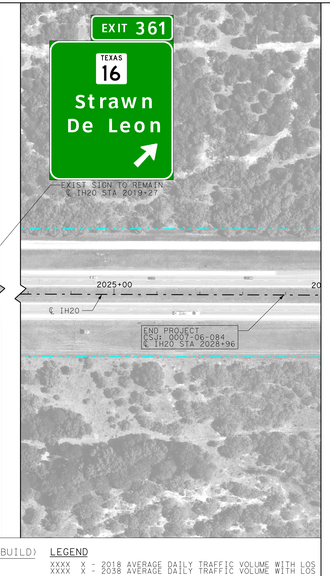
SCALE: 1"=100' H, 1"=10' V
9/14/2016
ROLL 4 OF 4

PREPARED BY URS CORPORATION TBPE NUMBER F-3193
FOR INTERIM REVIEW ONLY. NOT FOR BIDDING OR CONSTRUCTION.
Prepared by or under the Direct Supervision of:
SIGNATURE PEARSALL RATTO P.E. NUMBER
DENISE ALANIS TIBBER P.E. NUMBER

URS 1950 NORTH STEMMONS FREEWAY
SUITE 6000
DALLAS, TEXAS 75207
AN AECOM COMPANY 214-741-7777







N
0' 50' 100'
SCALE IN FEET

LEGEND:

- PROPERTY LINES
- EXISTING ROW
- PROPOSED ROW
- RETAINING WALL
- CTB
- DITCH
- EXISTING STREAM
- DRAINAGE EASEMENT
- MAINLANES
- FRONTAGE ROADS
- RAMPS
- BRIDGES
- DRIVEWAYS
- REMOVALS
- DIRECTION OF TRAFFIC

℄ NFR

CURVE NFR_18	CURVE NFR_21	CURVE NFR_24	CURVE NFR_27
PI 1992+00.30	PI 1999+37.96	PI 2003+03.93	PI 2008+38.67
N 6,865,519.8036	N 6,865,536.4441	N 6,865,629.0963	N 6,865,528.6297
E 1,962,548.0239	E 1,963,286.0265	E 1,963,642.5606	E 1,964,170.7682
Δ 5° 56' 52" (RT)	Δ 13° 16' 32" (LT)	Δ 25° 20' 11" (RT)	Δ 13° 33' 27" (LT)
D 1° 00' 19"	D 2° 29' 28"	D 14° 19' 26"	D 6° 21' 58"
R 5,700.00	R 2,300.00	R 400.00	R 900.00
Lc 591.73	Lc 532.91	Lc 176.88	Lc 212.96
T 296.13	T 267.65	T 89.91	T 106.98

℄ IH20

CURVE IH20_12
PI 1979+12.75
N 6,865,278.4044
E 1,961,254.7874
Δ 4° 33' 59" (RT)
D 0° 19' 45"
R 17,400.00
Lc 1,386.79
T 693.76

℄ WBMLEAST

CURVE WBMLEAST_1	CURVE WBMLEAST_4
PI 1985+31.11	PI 1994+21.18
N 6,865,342.9021	N 6,865,382.7359
E 1,961,871.1640	E 1,962,760.3478
Δ 0° 42' 48" (RT)	Δ 0° 06' 29" (LT)
D 0° 19' 43"	D 0° 19' 45"
R 17,435.50	R 17,400.00
Lc 217.07	Lc 32.85
T 108.54	T 16.42

℄ EBMLEAST

CURVE EBMLEAST_1	CURVE EBMLEAST_4
PI 1984+94.46	PI 1992+46.98
N 6,865,269.9194	N 6,865,306.7200
E 1,961,838.6299	E 1,962,590.2503
Δ 0° 28' 24" (RT)	Δ 0° 07' 48" (RT)
D 0° 19' 45"	D 0° 19' 45"
R 17,400.00	R 17,400.00
Lc 143.77	Lc 39.44
T 71.89	T 19.72

℄ PR1993L

CURVE PR1993L_1	CURVE PR1993L_2
PI 16+71.64	PI 23+78.20
N 6,865,408.8077	N 6,865,604.4874
E 1,962,806.0578	E 1,963,491.3271
Δ 13° 22' 18" (LT)	Δ 1° 38' 27" (RT)
D 1° 00' 00"	D 2° 00' 00"
R 5,729.58	R 2,864.79
Lc 1,337.17	Lc 82.04
T 671.64	T 41.02

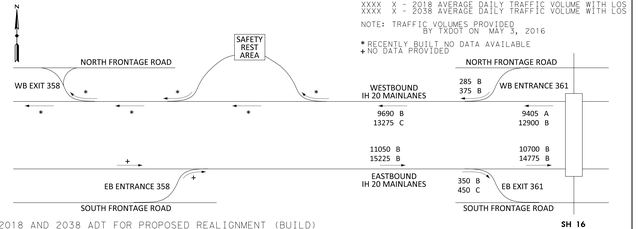
℄ SFR

CURVE SFR_15	CURVE SFR_18
PI 1983+11.79	PI 1996+67.36
N 6,865,104.6597	N 6,865,217.9712
E 1,961,675.5674	E 1,963,026.9892
Δ 6° 24' 34" (LT)	Δ 12° 38' 01" (RT)
D 1° 07' 24"	D 1° 38' 13"
R 5,100.00	R 3,500.00
Lc 570.51	Lc 771.75
T 285.55	T 387.44

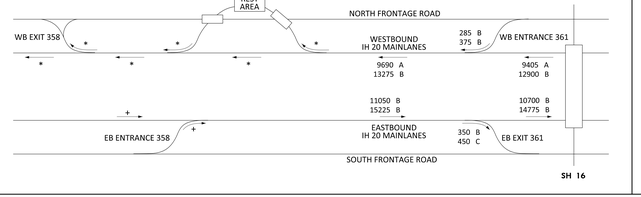
℄ PR1980R

CURVE PR1980R_4
PI 24+32.48
N 6,865,136.6639
E 1,962,224.8278
Δ 7° 41' 31" (LT)
D 2° 00' 00"
R 2,864.79
Lc 384.60
T 192.59

2018 AND 2038 ADT FOR EXISTING CONFIGURATION (NO BUILD)



2018 AND 2038 ADT FOR PROPOSED REALIGNMENT (BUILD)



LEGEND

XXXX X - 2018 AVERAGE DAILY TRAFFIC VOLUME WITH LOS
XXXX X - 2038 AVERAGE DAILY TRAFFIC VOLUME WITH LOS

NOTE: TRAFFIC VOLUMES PROVIDED BY TXDOT ON MAY 3, 2016

* RECENTLY BUILT NO DATA AVAILABLE
+ NO DATA PROVIDED

Texas Department of Transportation
© 2016 by Texas Department of Transportation all rights reserved
BROWNWOOD DISTRICT
DESIGN SCHEMATIC
ELIAS RMEILI, P.E., DISTRICT ENGINEER

IH 20 RANGER HILL
FROM APPROX. 3.5 MILES EAST OF
LP 254 TO 0.50 MILE EAST OF SH 16
EASTLAND COUNTY, TEXAS
CSJ: 0007-06-084

FUNCTIONAL CLASSIFICATION:
RURAL INTERSTATE

LENGTH: 3.45 MILES

SCALE: 1"=100' H, 1"=10' V
9/14/2016
ROLL 4 OF 4

PREPARED BY URS CORPORATION TBPE NUMBER F-3193
FOR INTERIM REVIEW ONLY. NOT FOR BIDDING OR CONSTRUCTION.
Prepared by or under the Direct Supervision of:
SIGNATURE PEARSALL RATTO P.E. NUMBER
DENISE ALANIS TIBBER P.E. NUMBER

URS 1950 NORTH STEMMONS FREEWAY
SUITE 6000
DALLAS, TEXAS 75207
AN AECOM COMPANY 214-741-7777