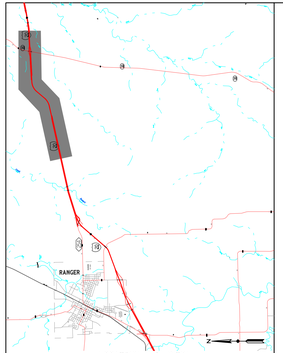

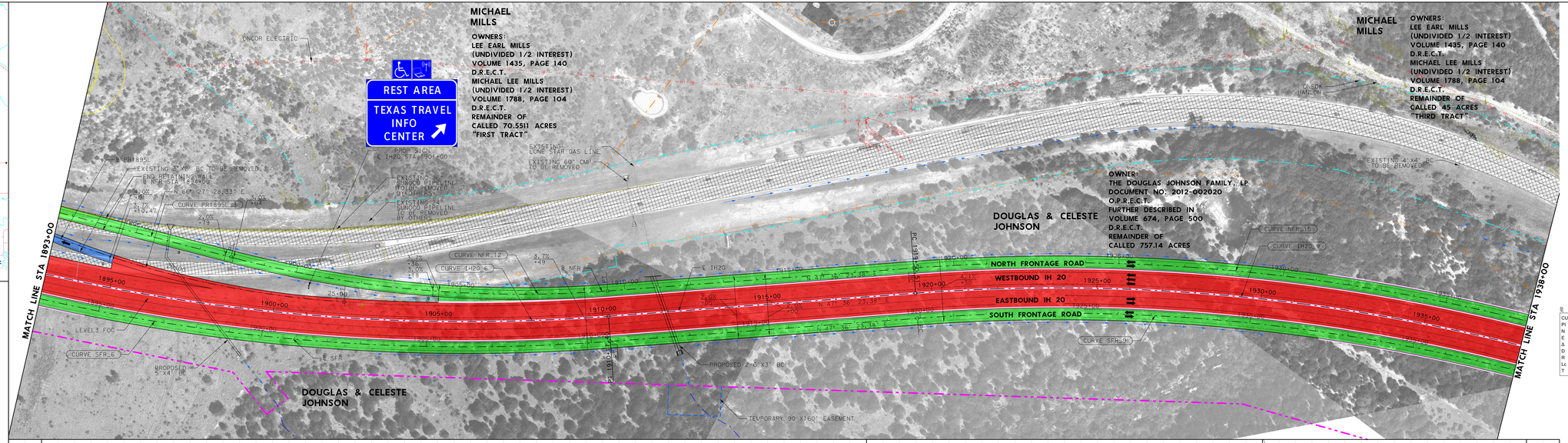

0' 50' 100'
SCALE IN FEET

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

℄ IH20	
CURVE IH20_6	CURVE IH20_9
PI 1894+37.24	PI 1937+65.50
N 6,861,762.3992	N 6,864,741.3234
E 1,953,763.8365	E 1,957,026.9177
Δ 32° 30' 14" (LT)	Δ 35° 09' 14" (RT)
D 1° 00' 00"	D 1° 00' 00"
R 5,729.58	R 5,729.58
Lc 3,250.39	Lc 3,515.38
T 1,670.23	T 1,814.99

℄ PR1895L	
CURVE PR1895L_3	
PI 18+43.88	
N 6,862,029.8712	
E 1,953,756.5510	
Δ 27° 42' 12" (LT)	
D 2° 00' 00"	
R 2,864.79	
Lc 1,385.17	
T 706.40	

℄ SFR	
CURVE SFR_6	CURVE SFR_9
PI 1894+56.82	PI 1937+81.94
N 6,861,690.8660	N 6,864,668.4872
E 1,953,798.9446	E 1,957,060.5983
Δ 32° 30' 14" (LT)	Δ 35° 09' 14" (RT)
D 0° 59' 13"	D 1° 00' 49"
R 5,806.08	R 5,653.08
Lc 3,293.79	Lc 3,468.44
T 1,692.53	T 1,790.75

℄ NFR	
CURVE NFR_12	CURVE NFR_15
PI 1903+77.44	PI 1937+16.99
N 6,862,555.4888	N 6,864,814.1596
E 1,954,519.1136	E 1,956,993.2370
Δ 18° 51' 05" (LT)	Δ 35° 09' 14" (RT)
D 1° 38' 13"	D 0° 59' 13"
R 3,500.00	R 5,806.08
Lc 1,151.56	Lc 3,562.32
T 581.03	T 1,839.22

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
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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

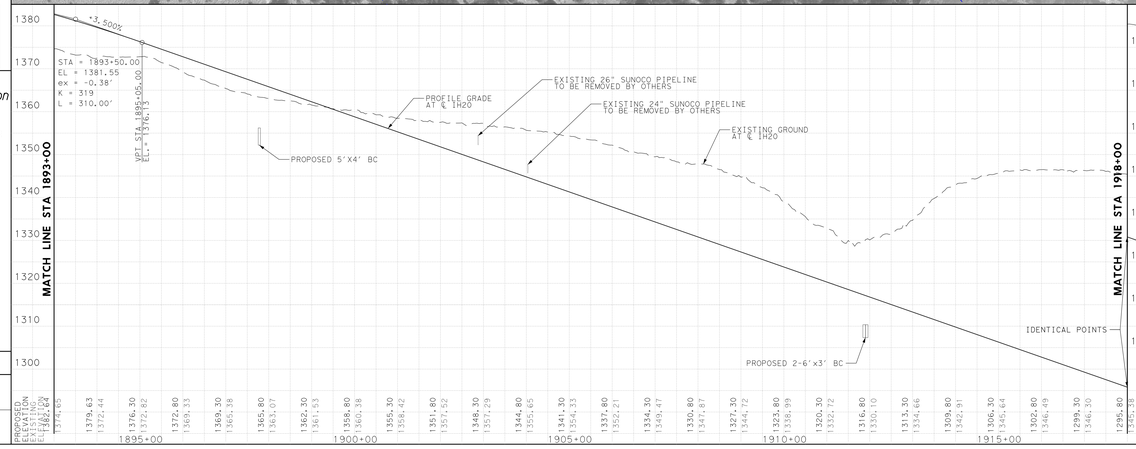
FUNCTIONAL CLASSIFICATION:
RURAL INTERSTATE

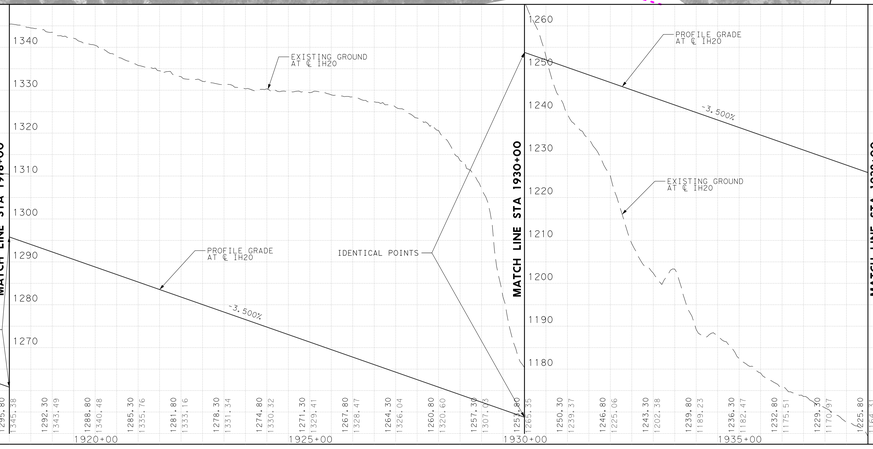
LENGTH: 3.45 MILES

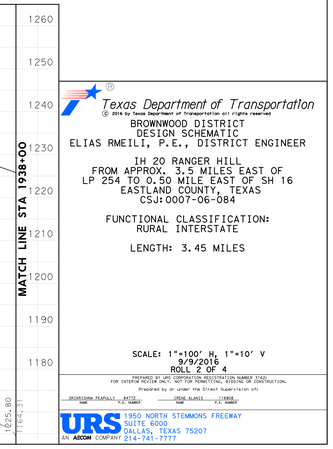
SCALE: 1"=100' H, 1"=10' V
9/9/2016
ROLL 2 OF 4

PREPARED BY URS CORPORATION FOR RANGER TIED
FOR INTERIM REVIEW ONLY, NOT FOR CONSTRUCTION,
Prepared by or under the Direct Supervision of:
SIGNATURE PEARSALL: DATE: ____ FIRM: ____ LIC. NUMBER: ____
SIGNATURE ALANIS: DATE: ____ FIRM: ____ LICENSE: ____
LIC. NUMBER: ____

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







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DESIGN SCHEMATIC
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SIGNATURE ALANIS: DATE: ____ FIRM: ____ LICENSE: ____
LIC. NUMBER: ____

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