RPSKA_pdf_COLOR-SCHEM (M).pltcfg

FM 1488
SCHEMATIC DESIGN

WIDENING
WALLER COUNTY AND HARRIS COUNTY
LIMITS: FROM BU 290 TO ST JOSEPH RD

PROJECT LENGTH: 19.216 MILES

Texas Department of Transportation
HOUSTON DISTRICT

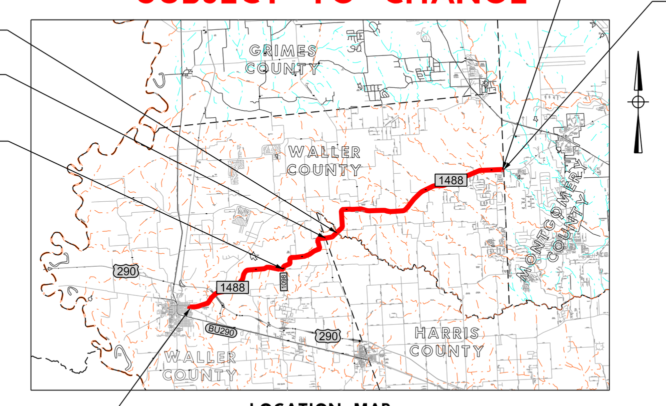
INTERIM REVIEW DOCUMENT
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

MOHAMMED ZAHEER, P.E.	124245 P.E. #	SEPT 2019 DATE

DESIGN SPEED		FUNCTIONAL CLASS	ADT FM 1488
URBAN	45 MPH	COLLECTOR	
RURAL	60 MPH	ARTERIAL	

0 100 200 300 400
SCALE: H: 1"= 100'

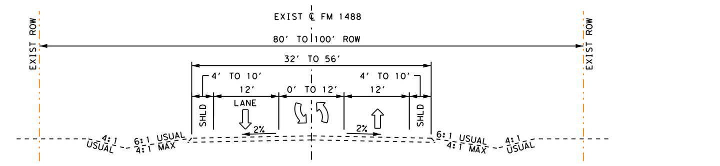
PRELIMINARY SUBJECT TO CHANGE



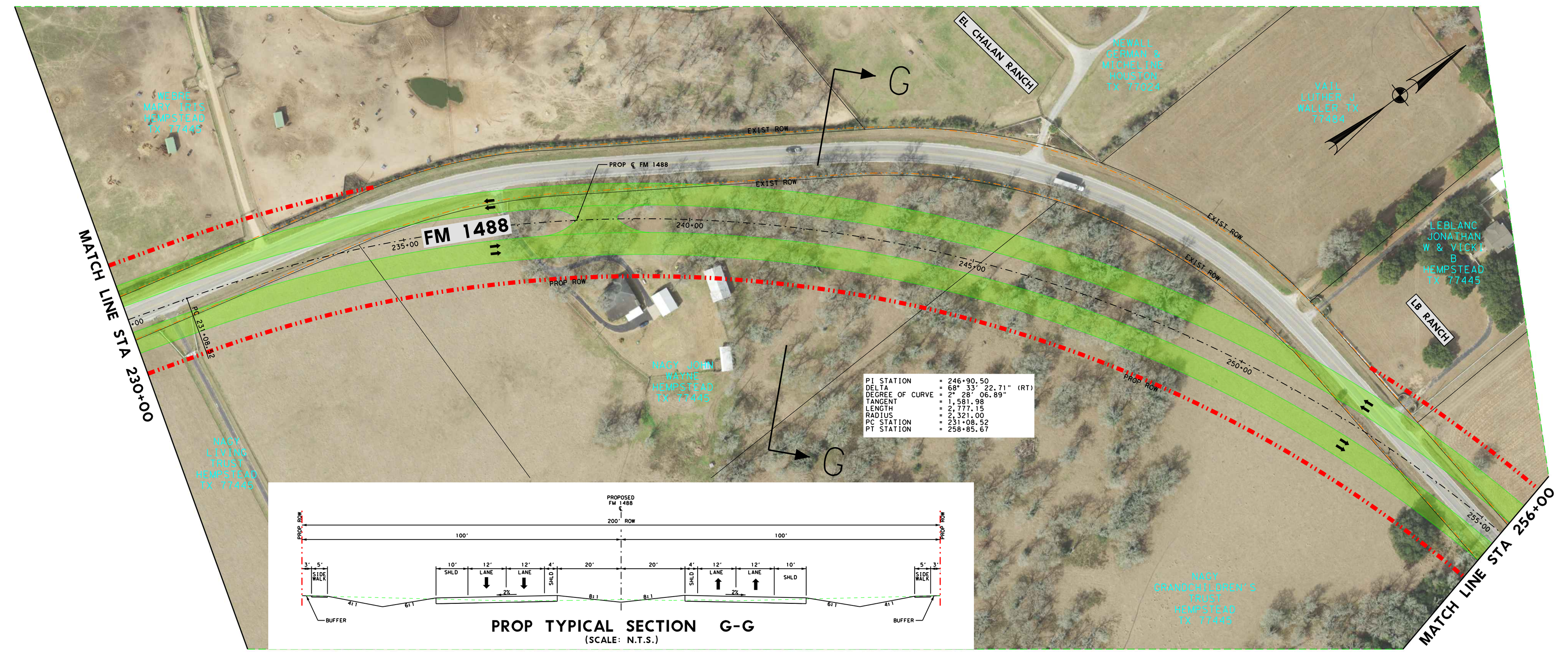
LOCATION MAP
N.T.S.

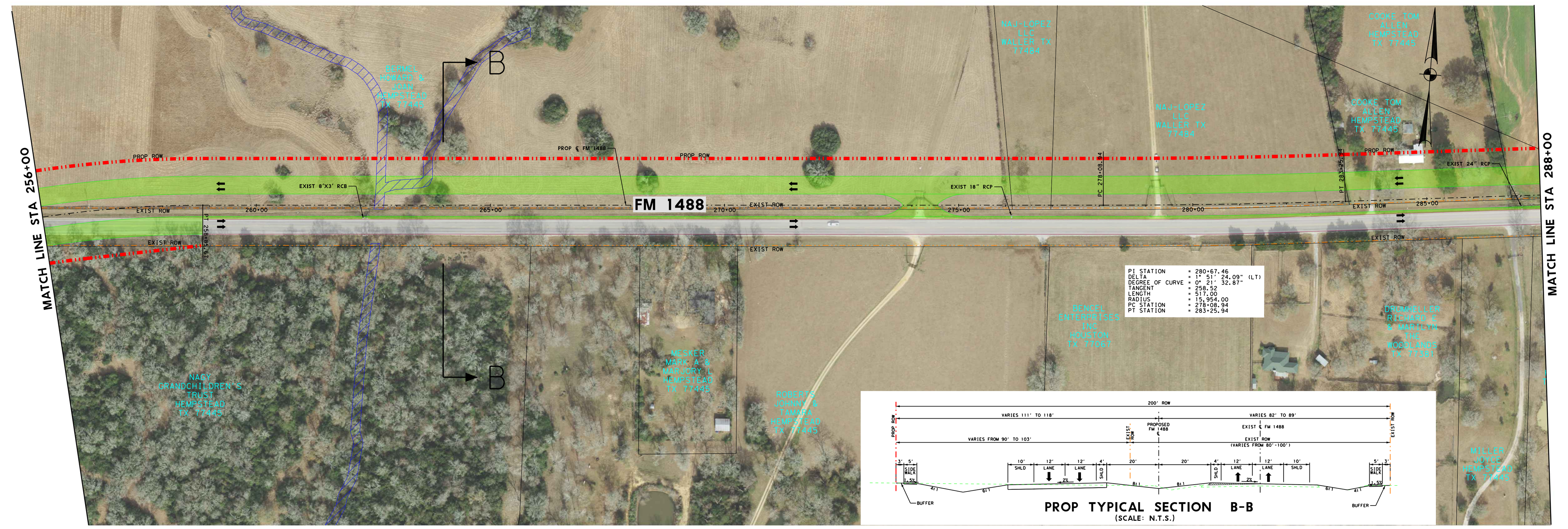
LEGEND

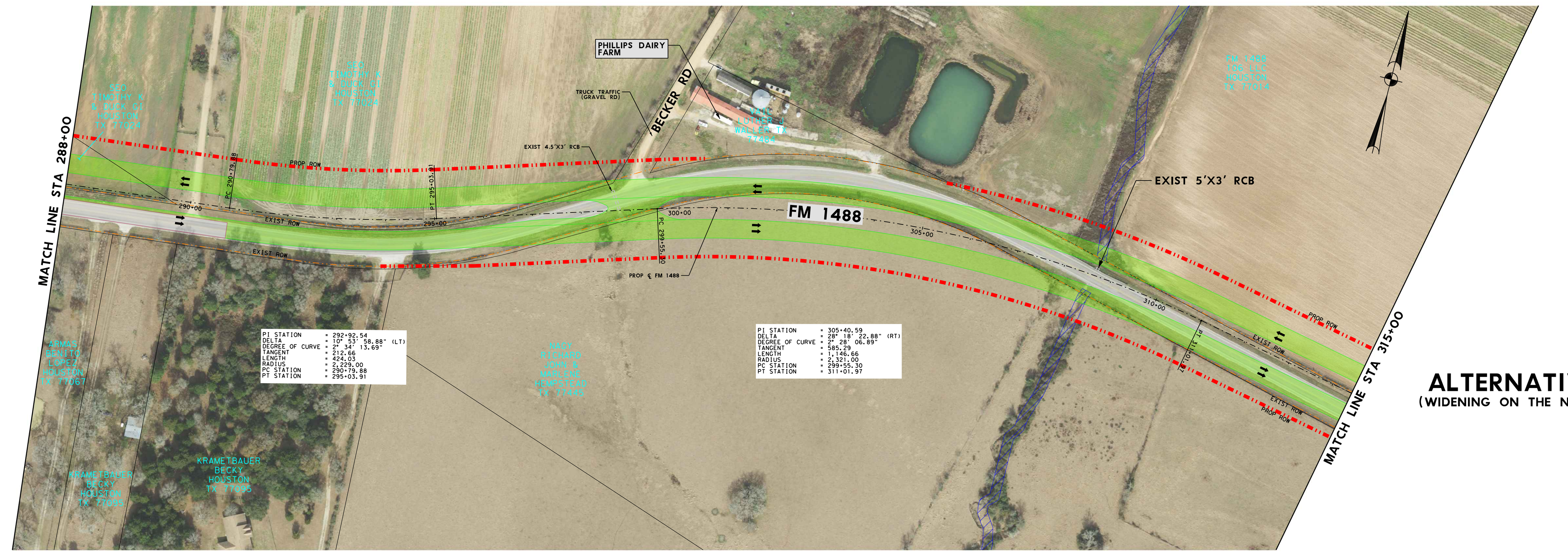
EXISTING TRAFFIC DIRECTION	PROP ALTERNATIVE CURVE ALIGN 01
PROPOSED TRAFFIC DIRECTION	PROP ALTERNATIVE CURVE ALIGN 02
EXISTING ROW	PROP ALTERNATIVE CURVE ALIGN 03
EXISTING PROPERTY LINE	PROP ALTERNATIVE CURVE ALIGN 04
PROPOSED ROW	PROP ALTERNATIVE CURVE ALIGN 05
EXISTING PIPELINE LOCATION	PROP ALTERNATIVE CURVE ALIGN 06
PROPOSED BRIDGE	PROP ALTERNATIVE CURVE ALIGN 07
EXISTING BRIDGE	PROP ALTERNATIVE CURVE ALIGN 08
EXISTING WETLAND	PROP ALTERNATIVE CURVE ALIGN 09
EXISTING PAVEMENT TO REMAIN	PROPOSED SIDEPATH
PROPOSED ALTERNATIVE A - WIDENING ON THE NORTH SIDE	100 YEAR FLOODPLAIN
PROPOSED ALTERNATIVE B - WIDENING TO BOTH SIDES	
PROPOSED ALTERNATIVE C - WIDENING ON THE SOUTH SIDE	



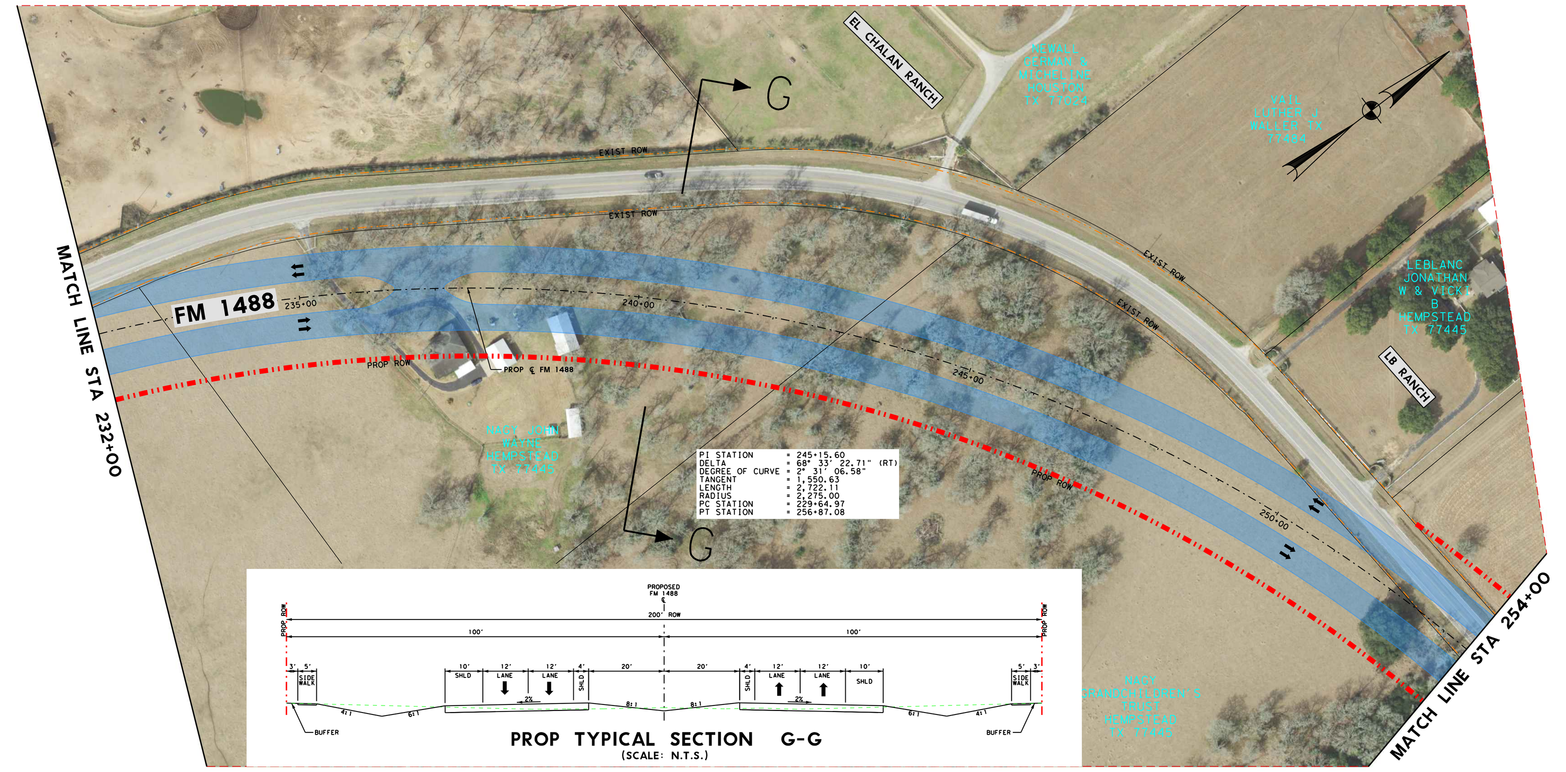
TYPICAL SECTION - EXISTING

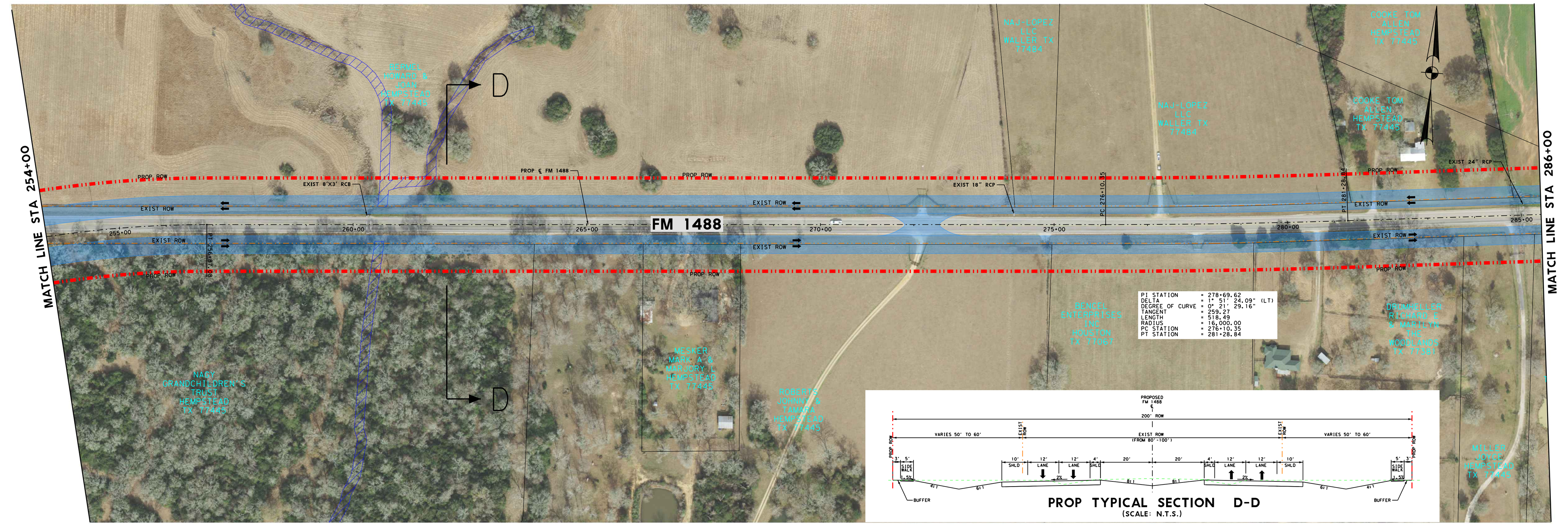


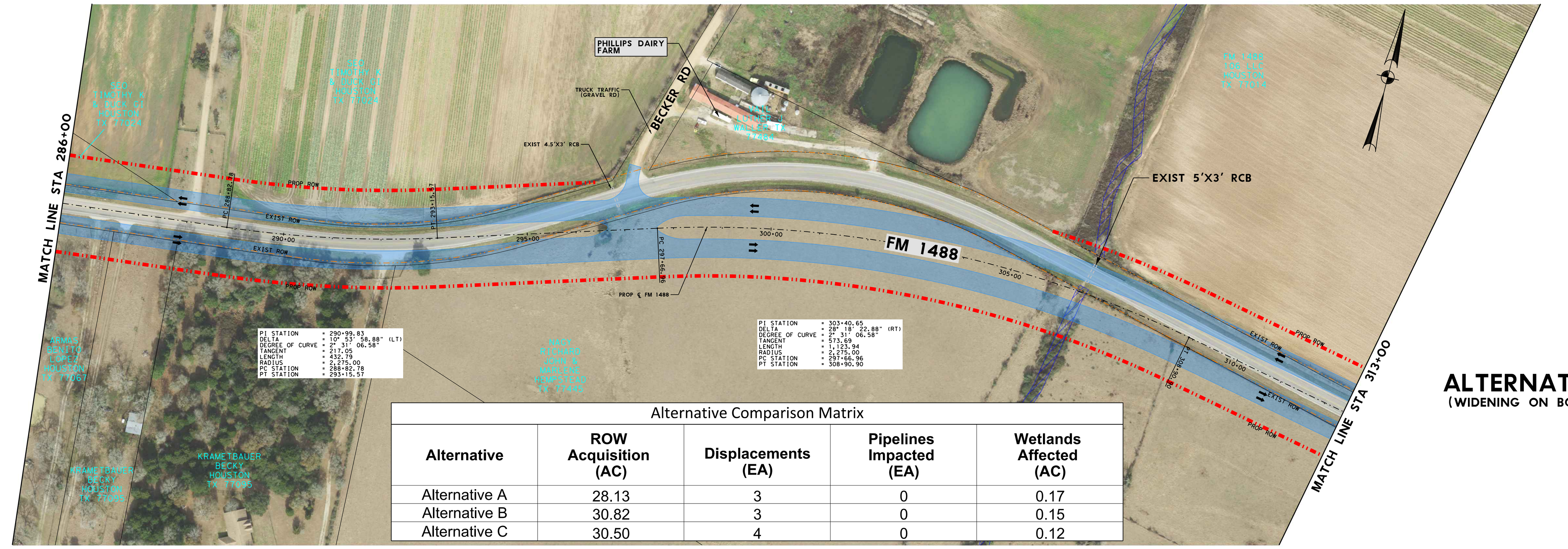




ALTERNATIVE A
(WIDENING ON THE NORTH SIDE)



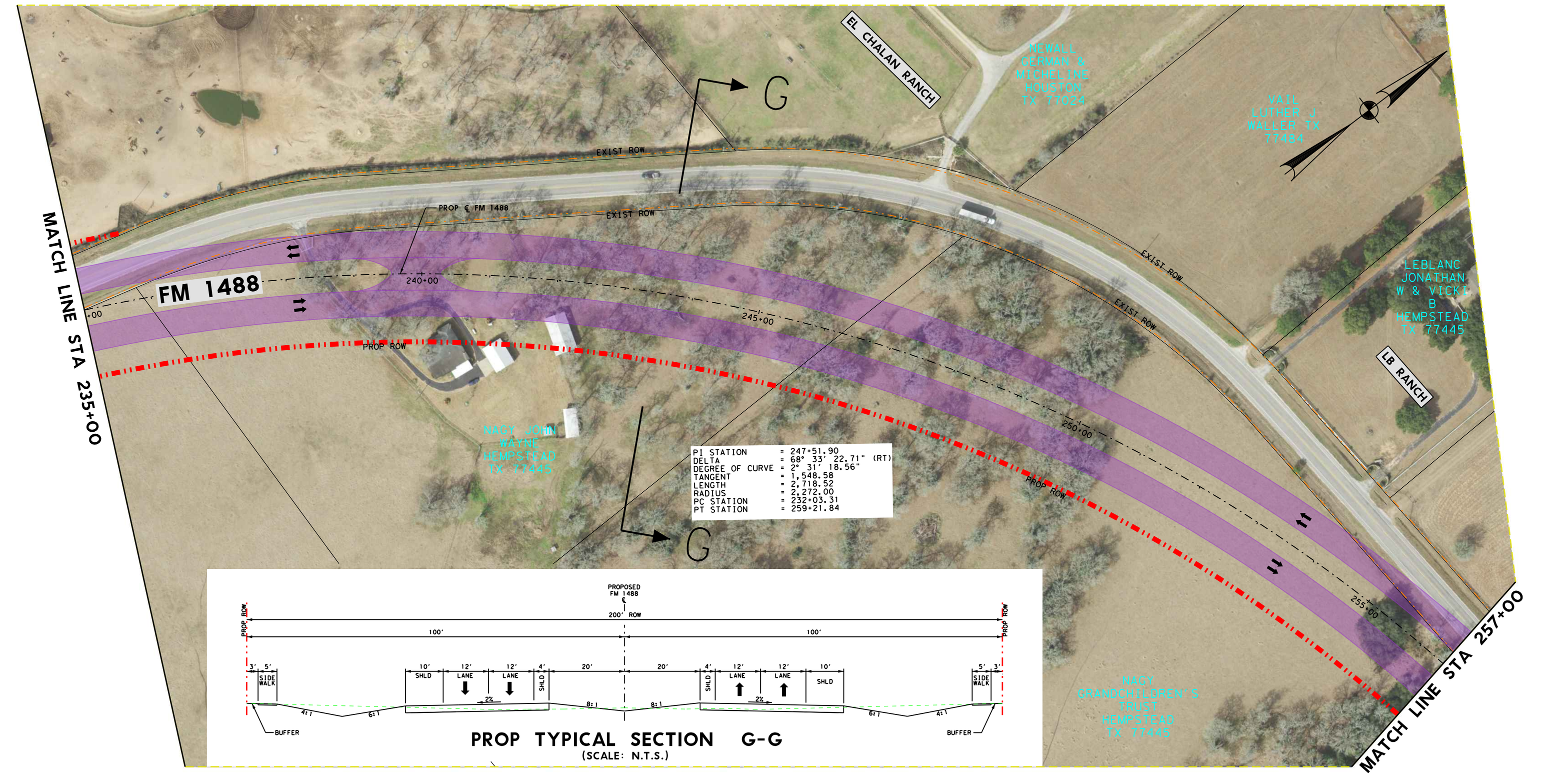


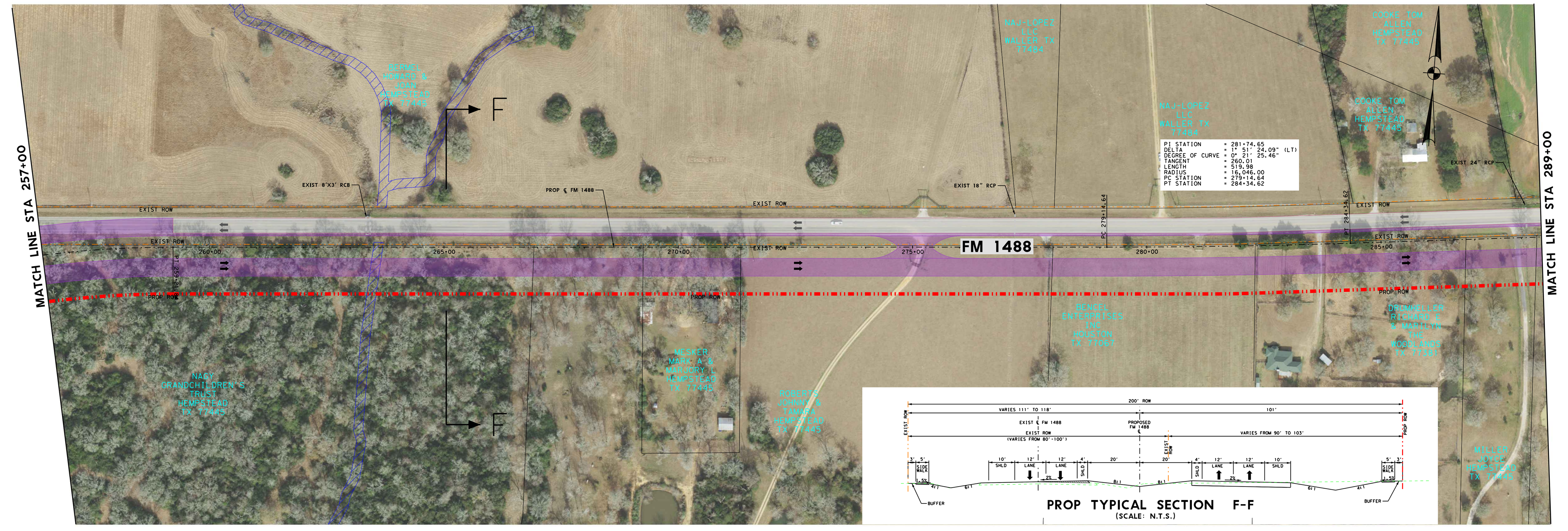


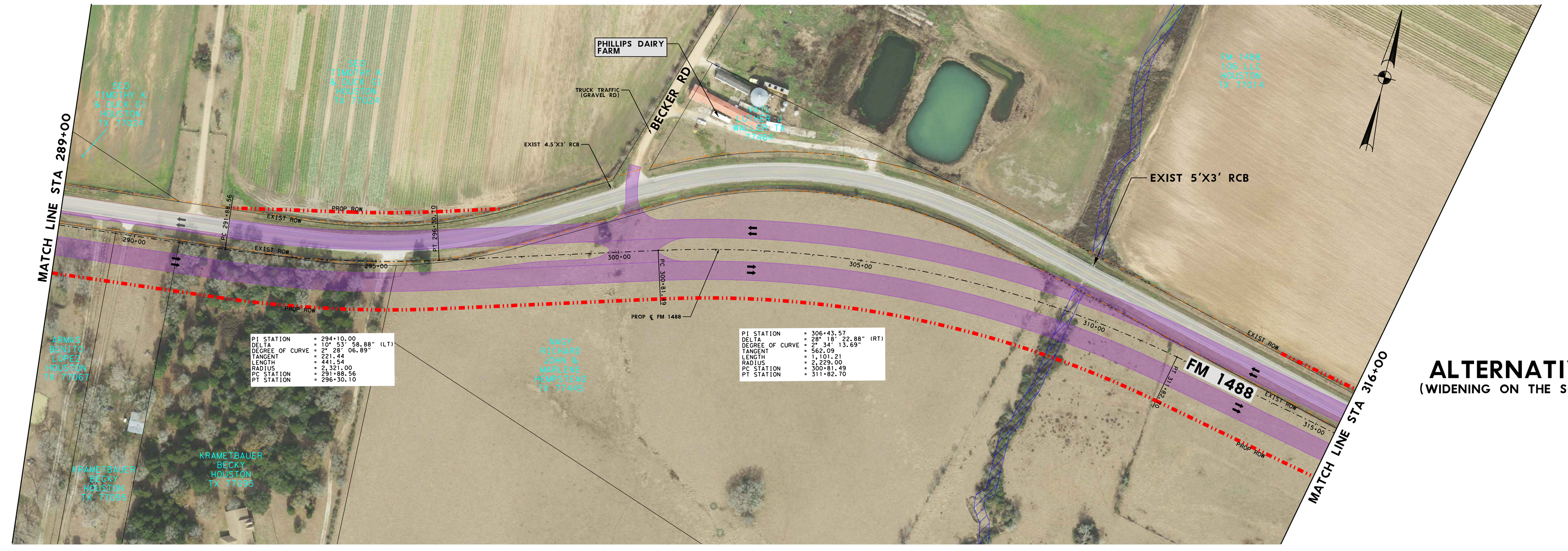
Alternative	ROW Acquisition (AC)	Displacements (EA)	Pipelines Impacted (EA)	Wetlands Affected (AC)
Alternative A	28.13	3	0	0.17
Alternative B	30.82	3	0	0.15
Alternative C	30.50	4	0	0.12

Alternative Comparison Matrix

ALTERNATIVE B
(WIDENING ON BOTH SIDES)







ALTERNATIVE C
(WIDENING ON THE SOUTH SIDE)

rps
Texas PE Firm Reg. #F-929
1160 Dairy Ashford, Suite 500, Houston, Texas 77079
T +1 281 589 7257 E usinfrastructure@rpsgroup.com

2/19/2020 10:35:10 AM
J:\007792 FM 1488 Sch. and Env. US290 to Joseph Rd\07.00 CADD\FM1488\CADD\01-Schematic-PER Exhibits\FM1488_SCHEM_PLAN_03 (100).dgn