TransCanada Keystone Pipeline, L.P.
United States Department of State
Keystone XL Project
Appendix A
Pipeline Aerial Route Sheets

Cushing, Oklahoma to Nederland, Texas

TROW ENGINEERING CONSULTANTS, INC.
JULY 6, 2009
REVISION 1

2/19/09 Centerline

PREPARED BY:
TROW ENGINEERING CONSULTANTS INC.
1300 Metropolitan Boulevard, Suite 200
Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523

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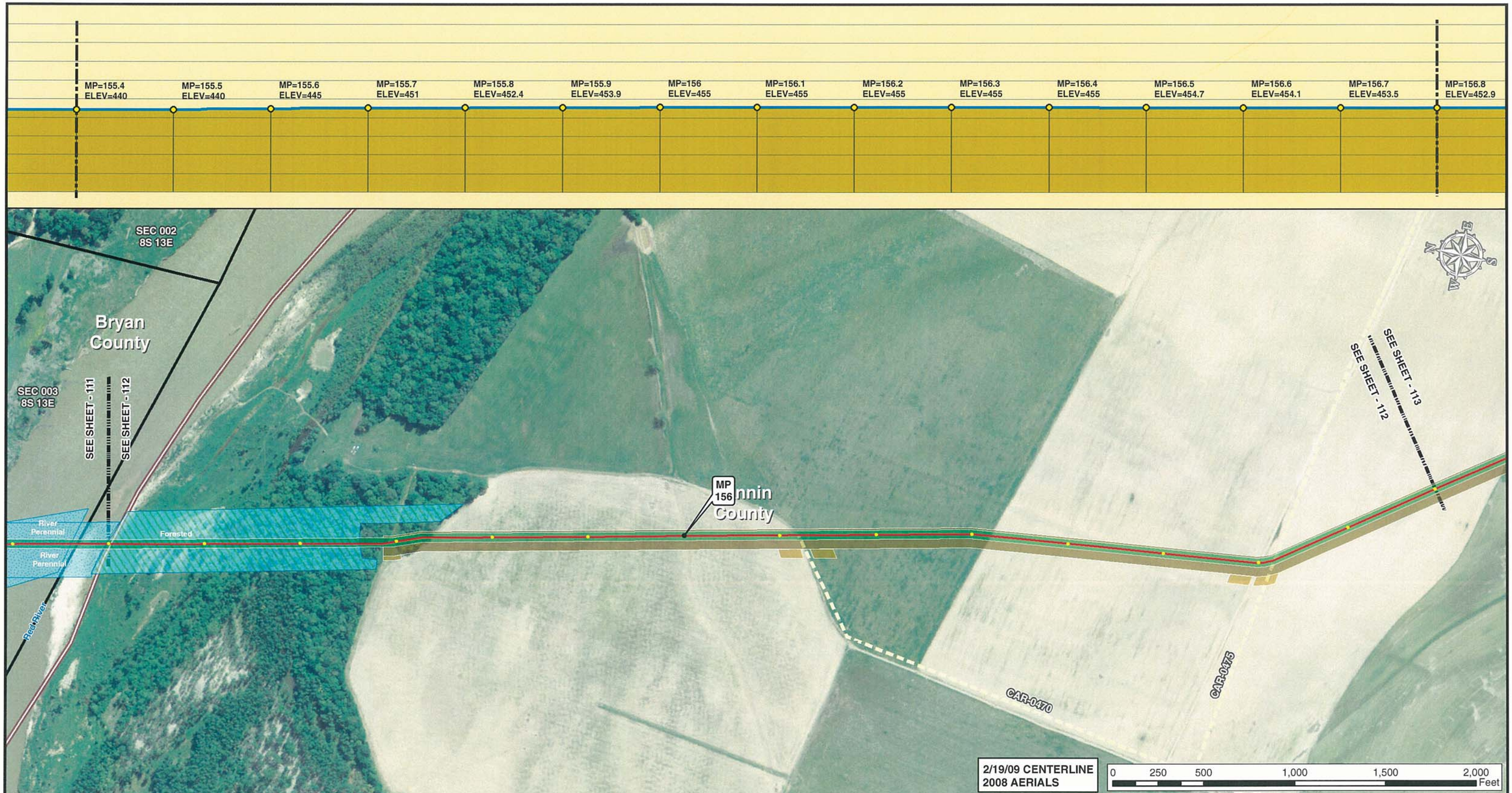
KEYSTONE XL PROJECT
ROUTE SHEETS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
NTS

PROJECT: 50388X

SHEET: COVER SHEET

DRAWING NUMBER	DRAWN BY	CHECKED BY	APPROVED BY
XL-FIPS-ML-2002-P-000	GS	SS	RG



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
FANNIN COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 112-A	112	1

2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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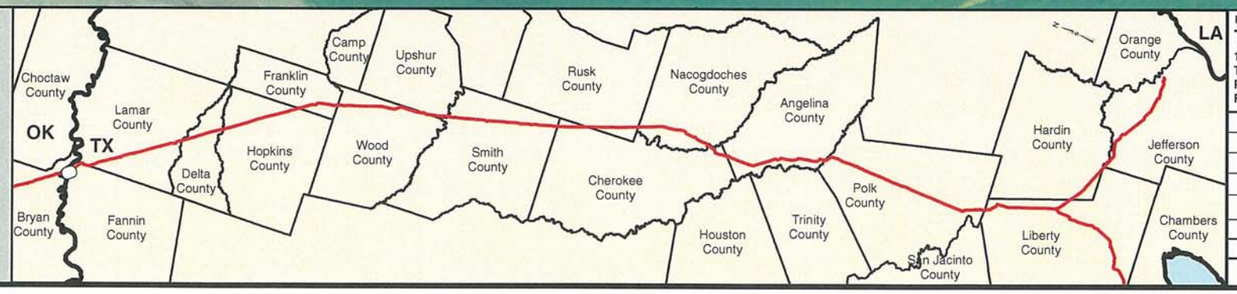

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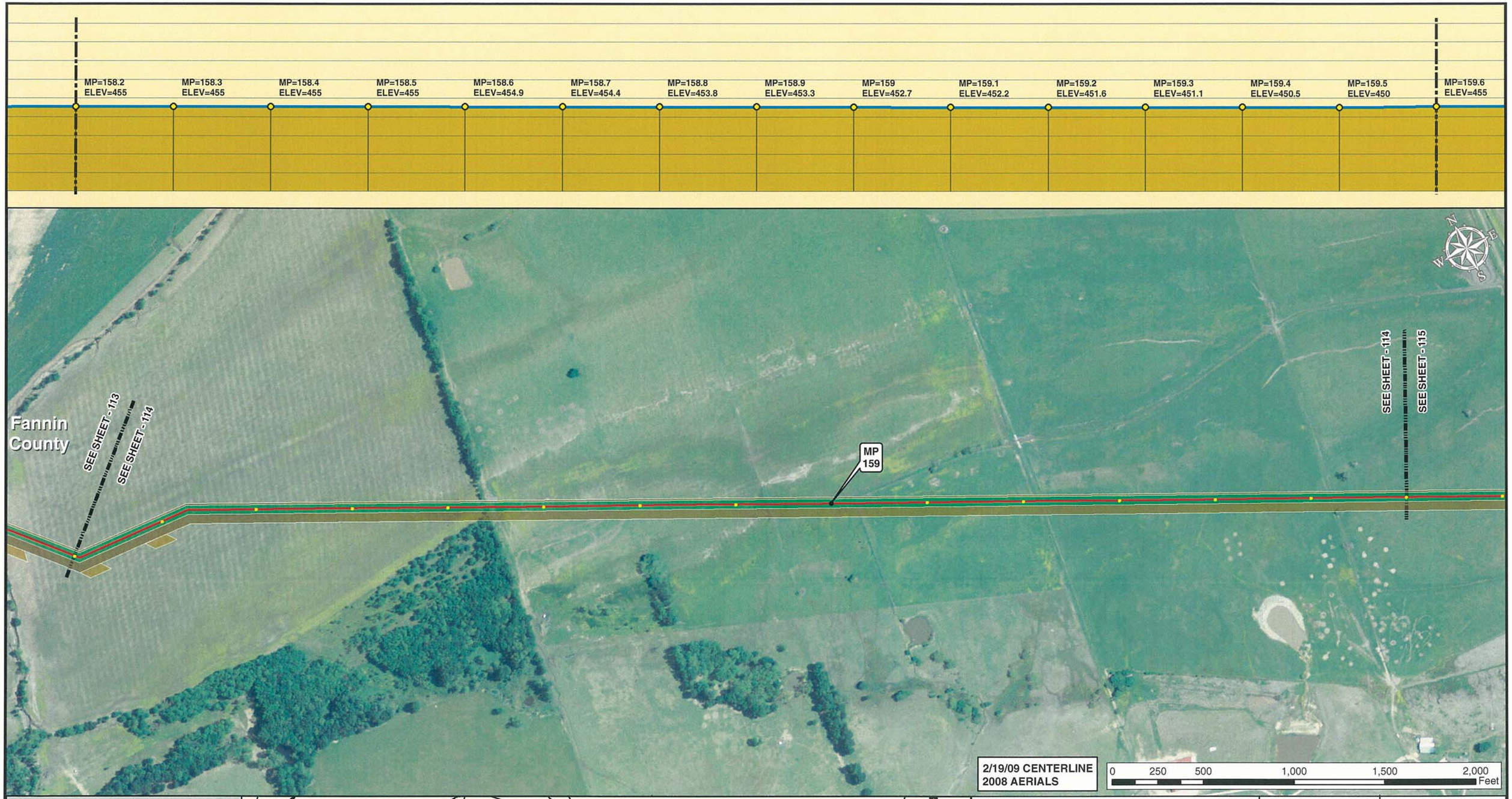

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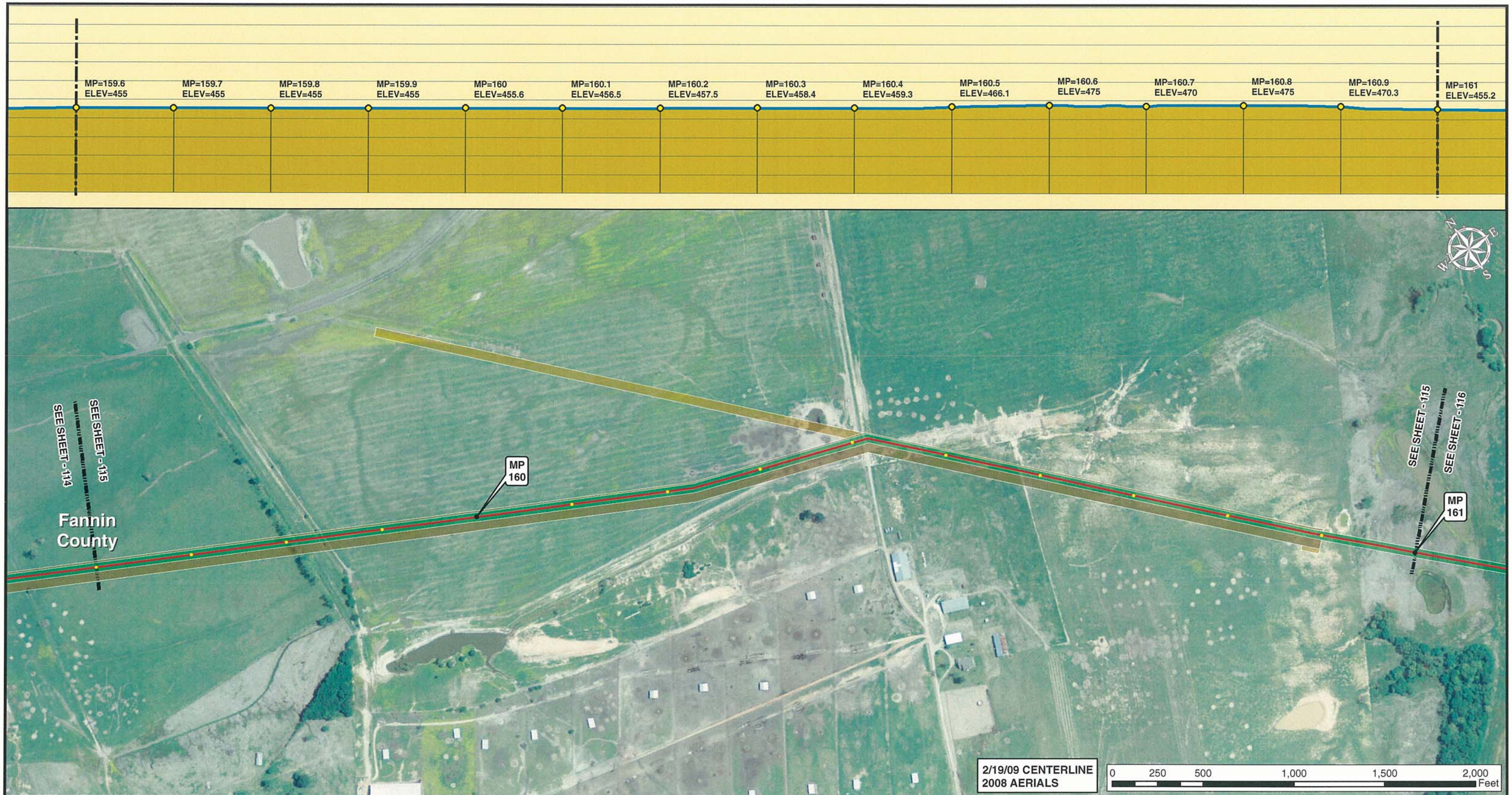

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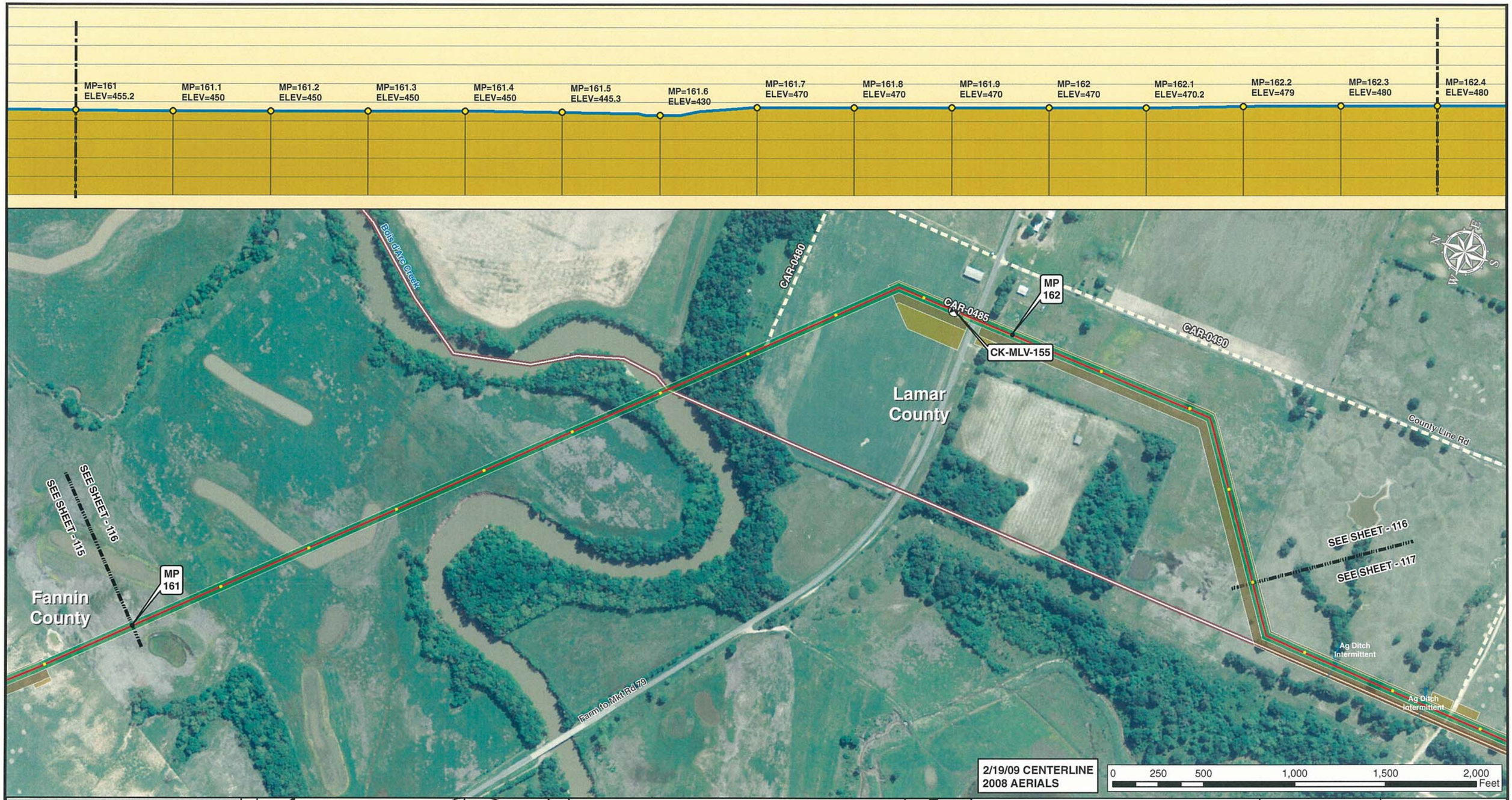

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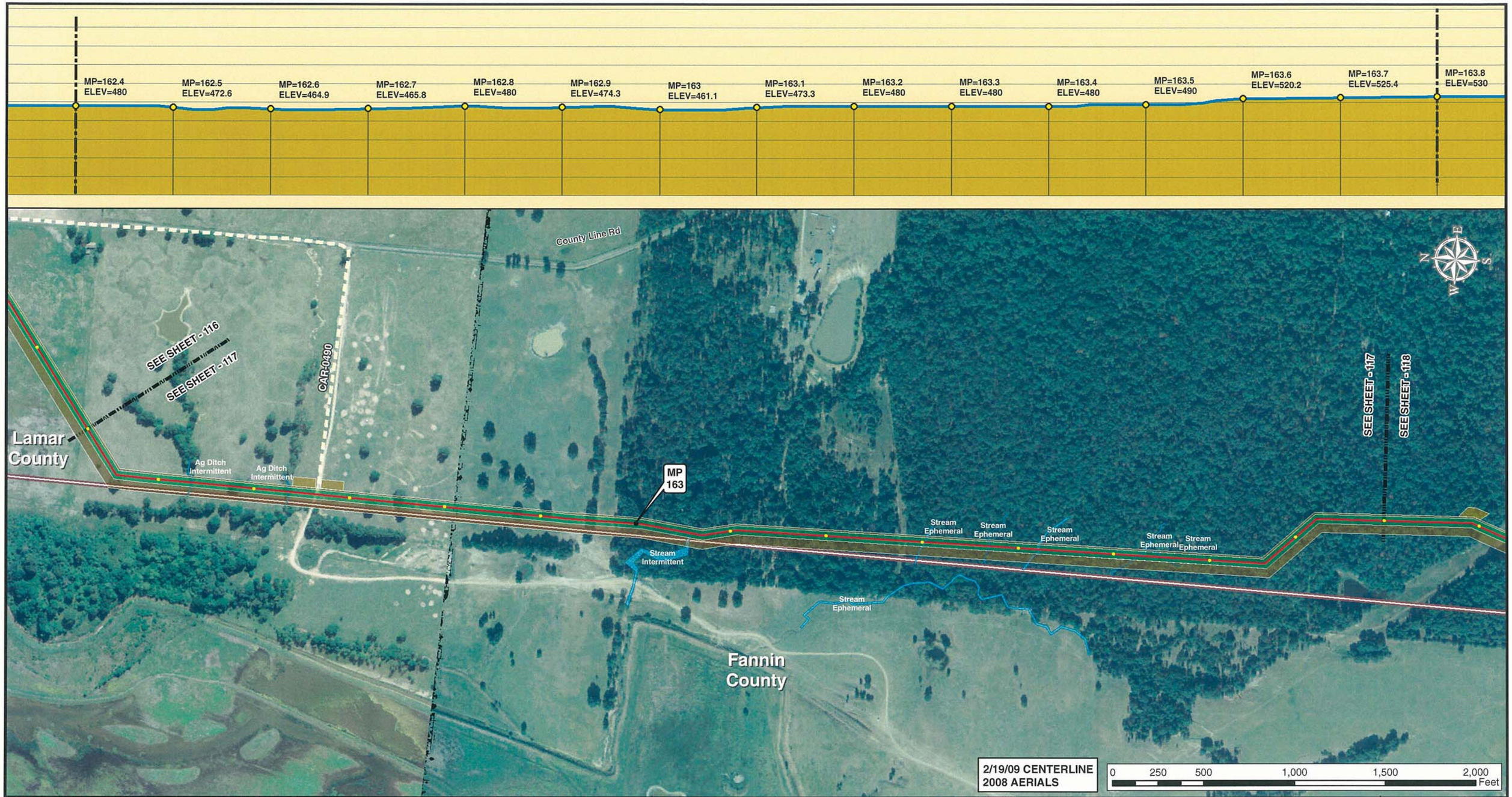
GS	SS	RG	50388X	XL-48 -ML-2002-P- 116-A	116	1



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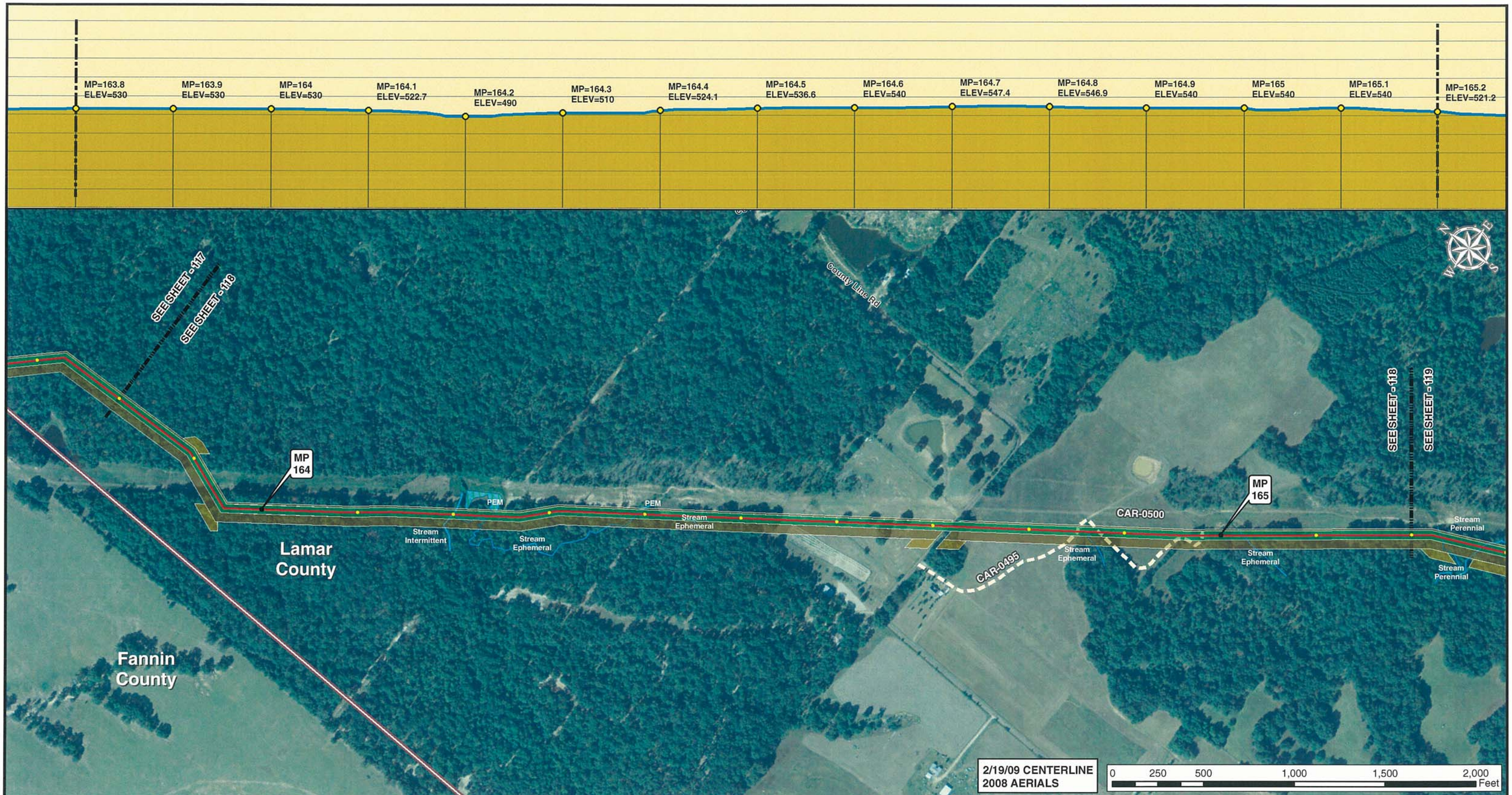

2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

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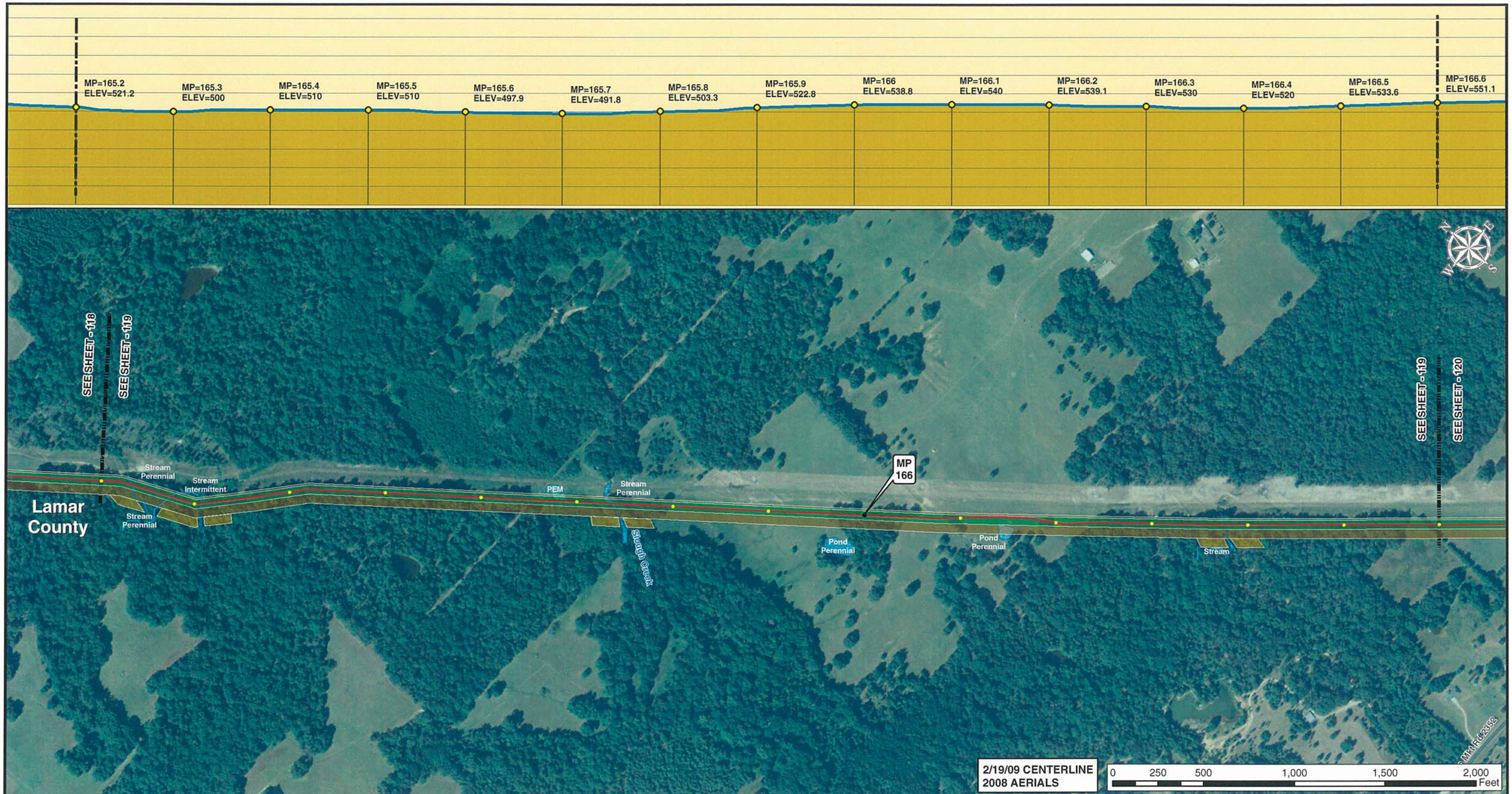

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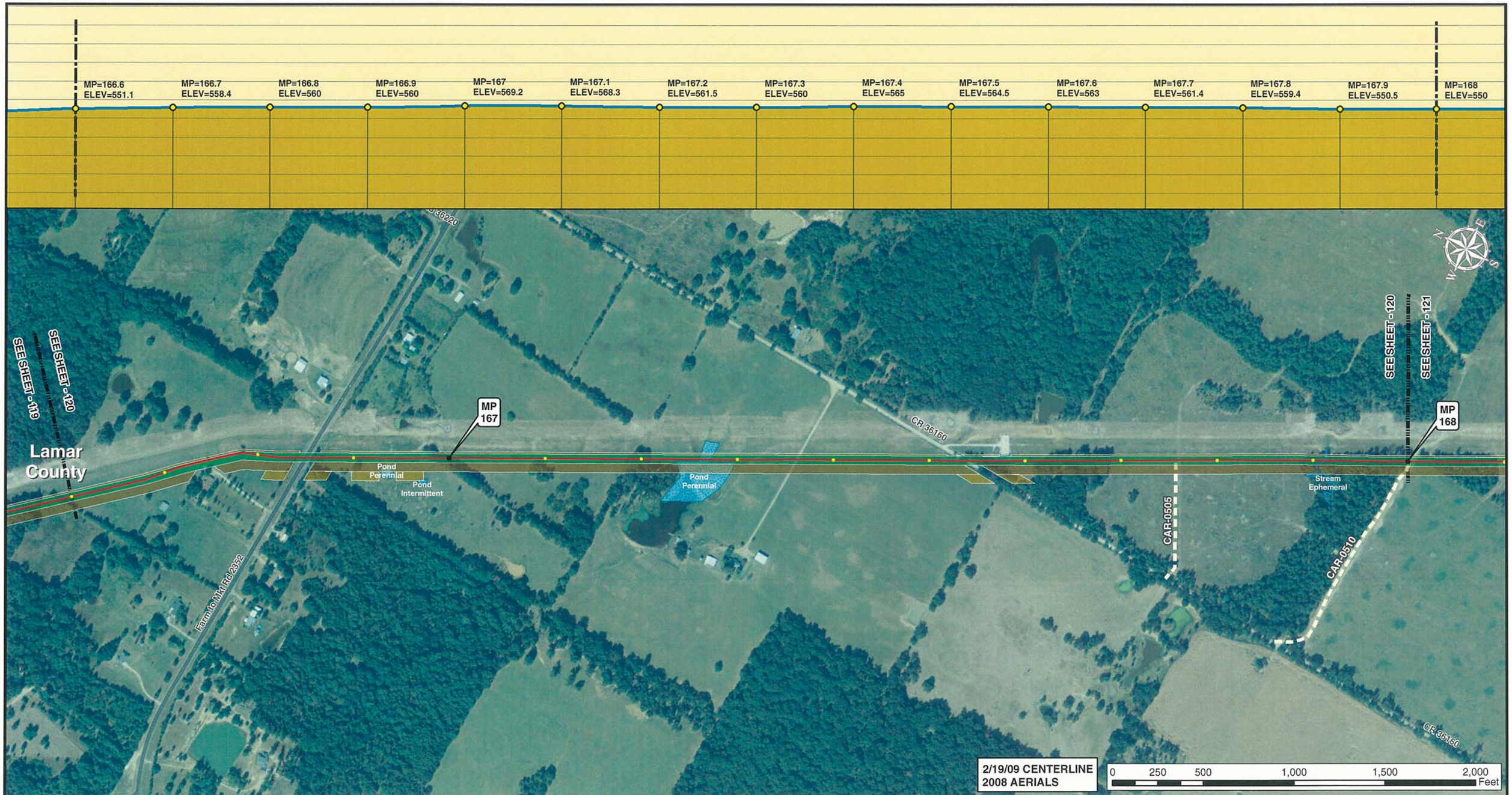

2/19/09 CENTERLINE
2008 AERIALS

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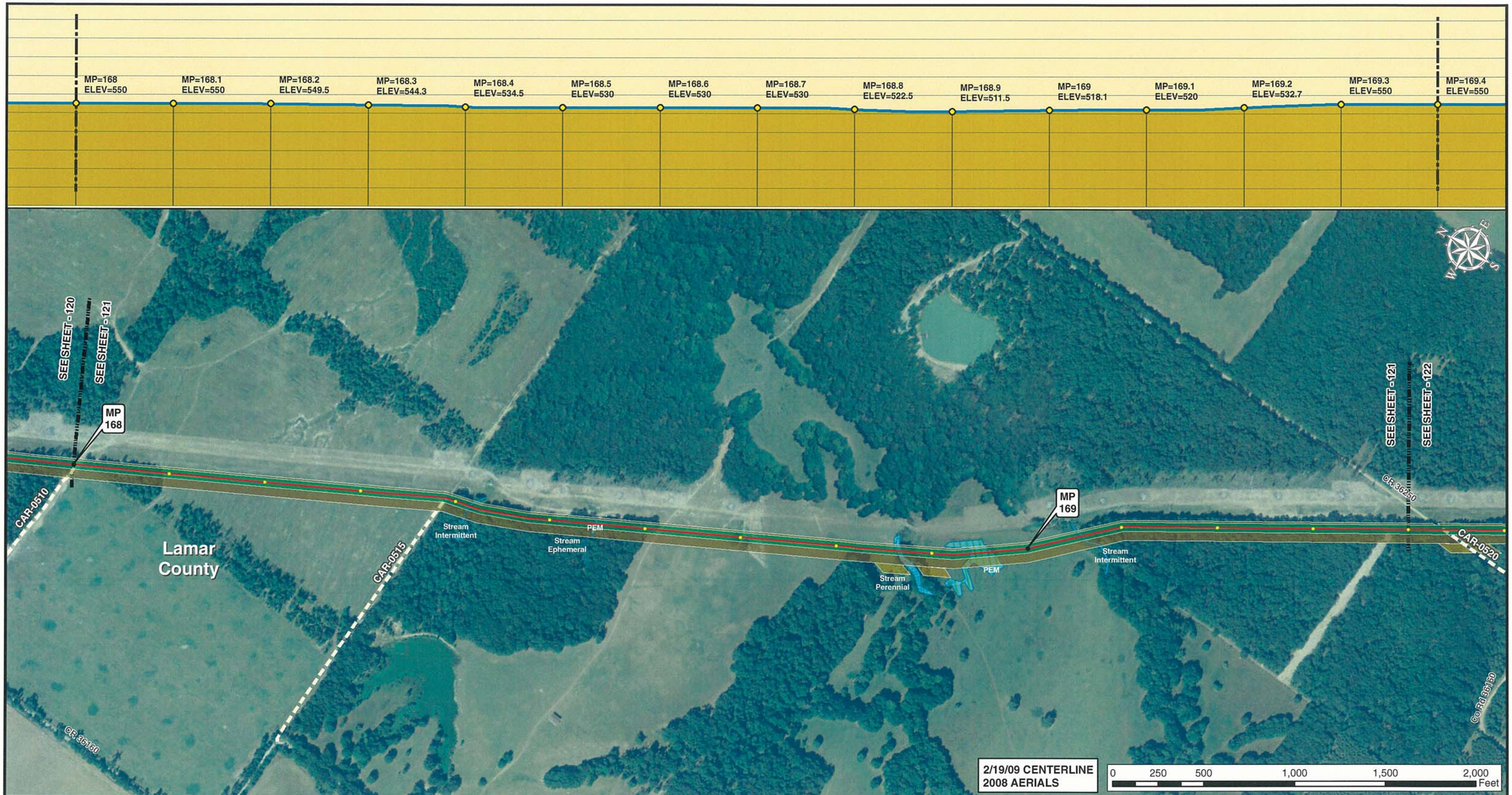

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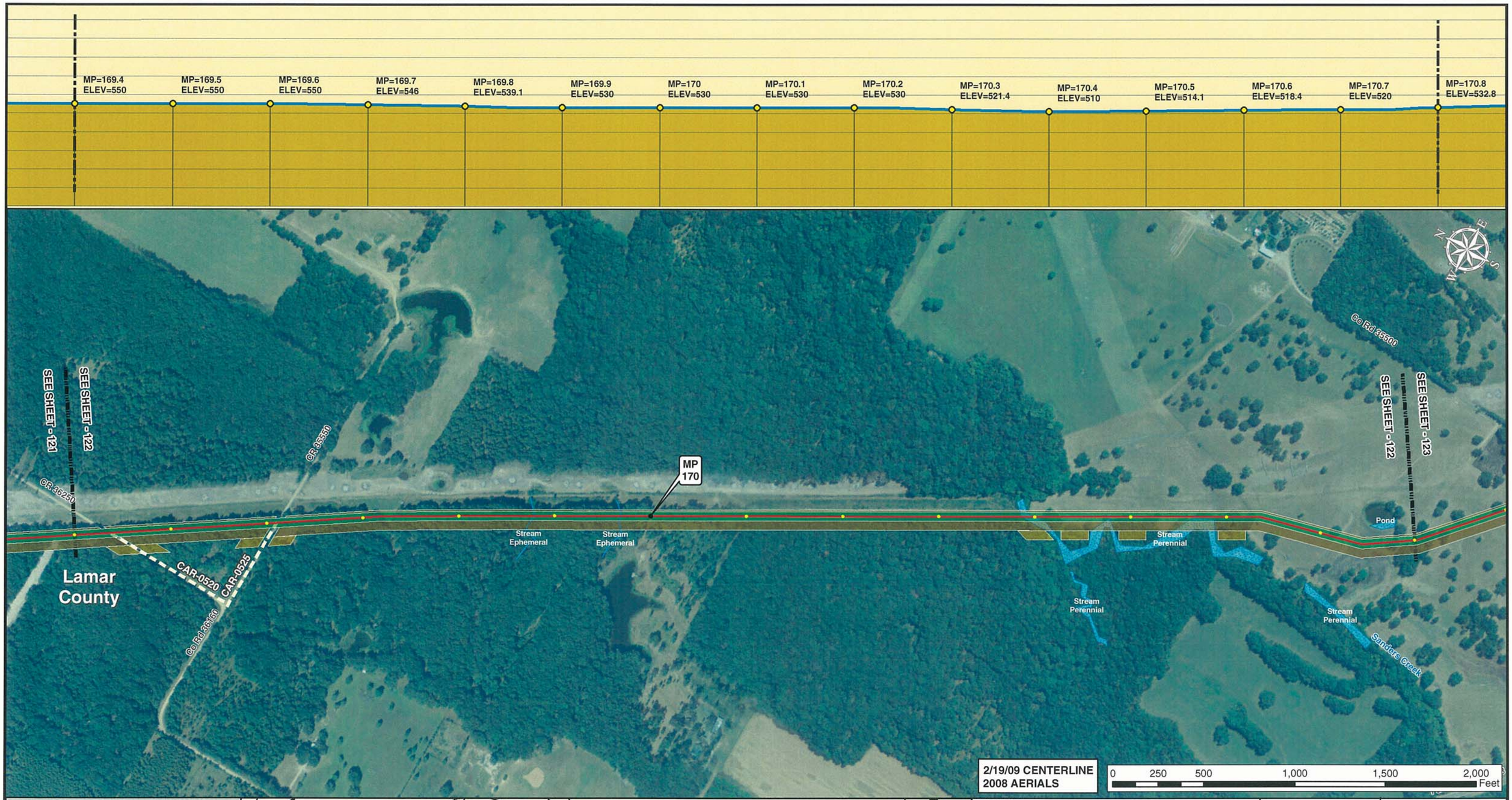

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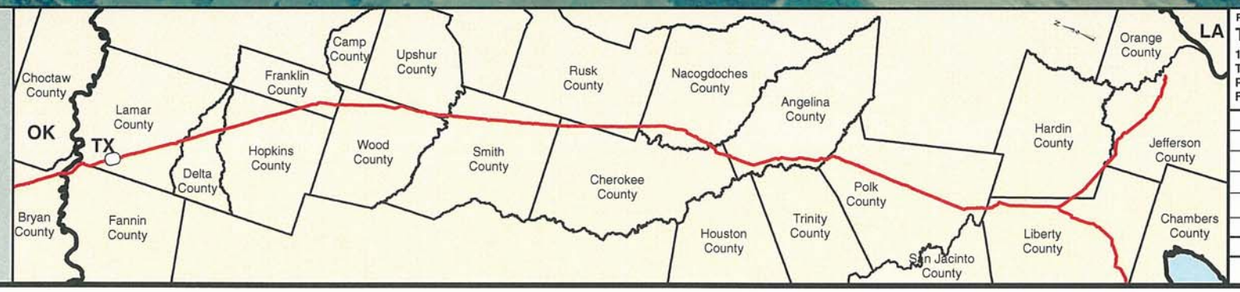

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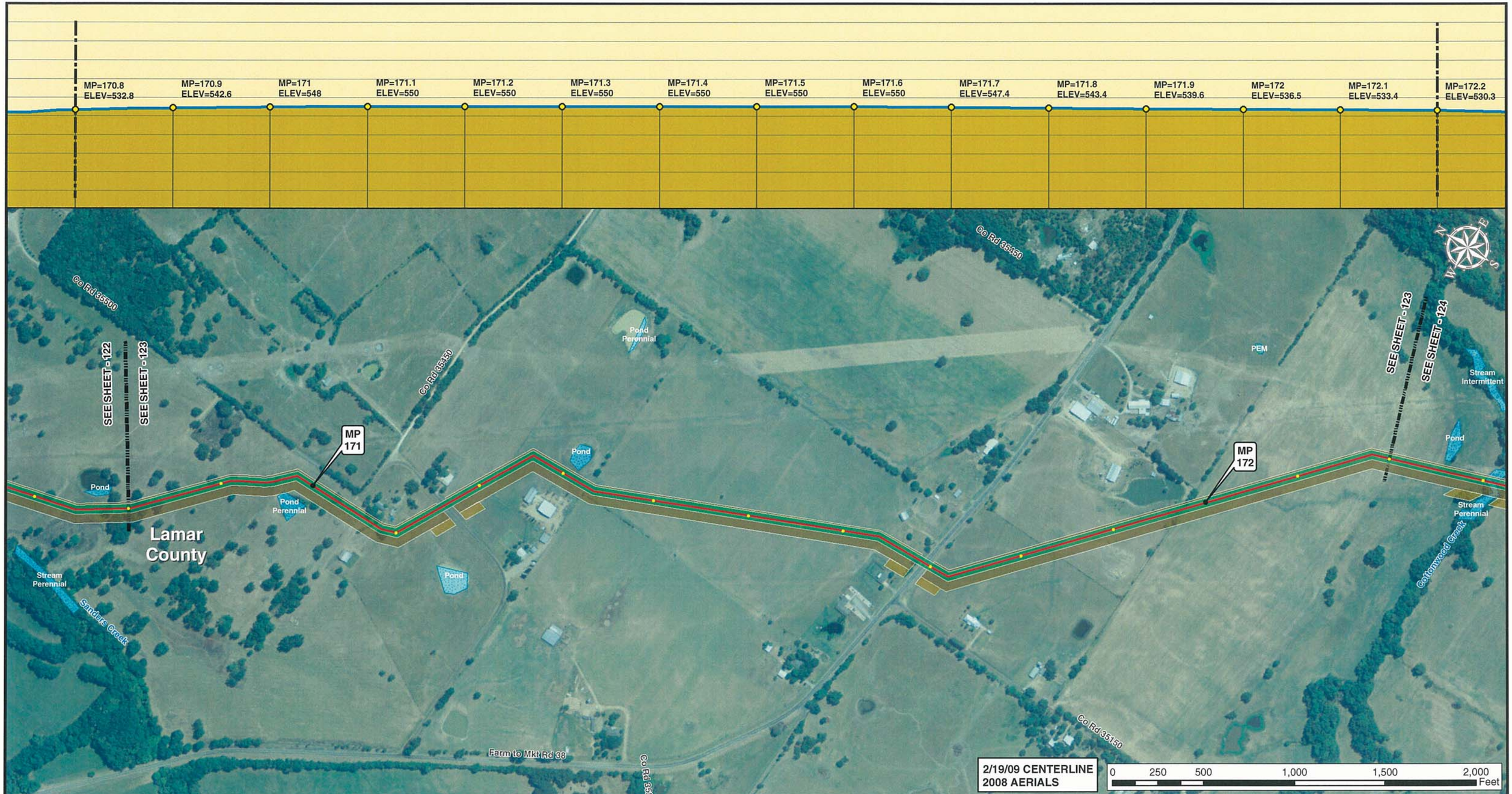

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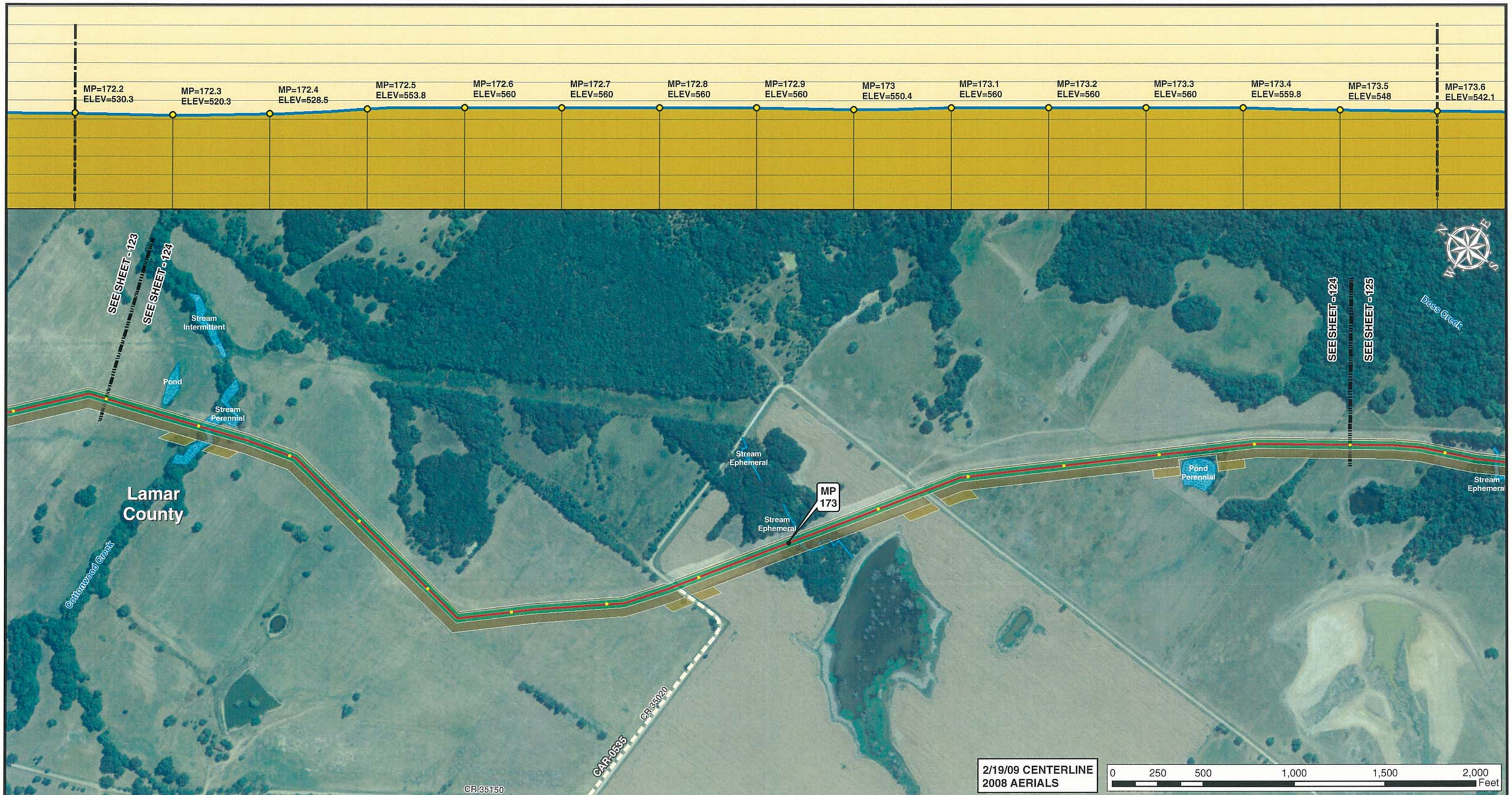

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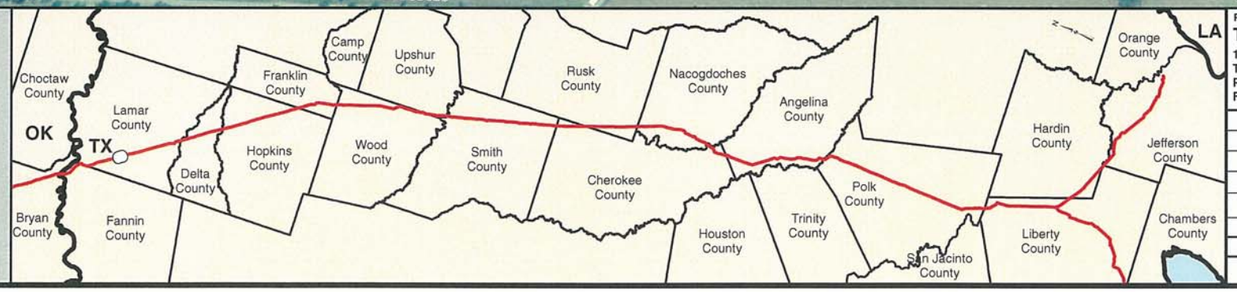

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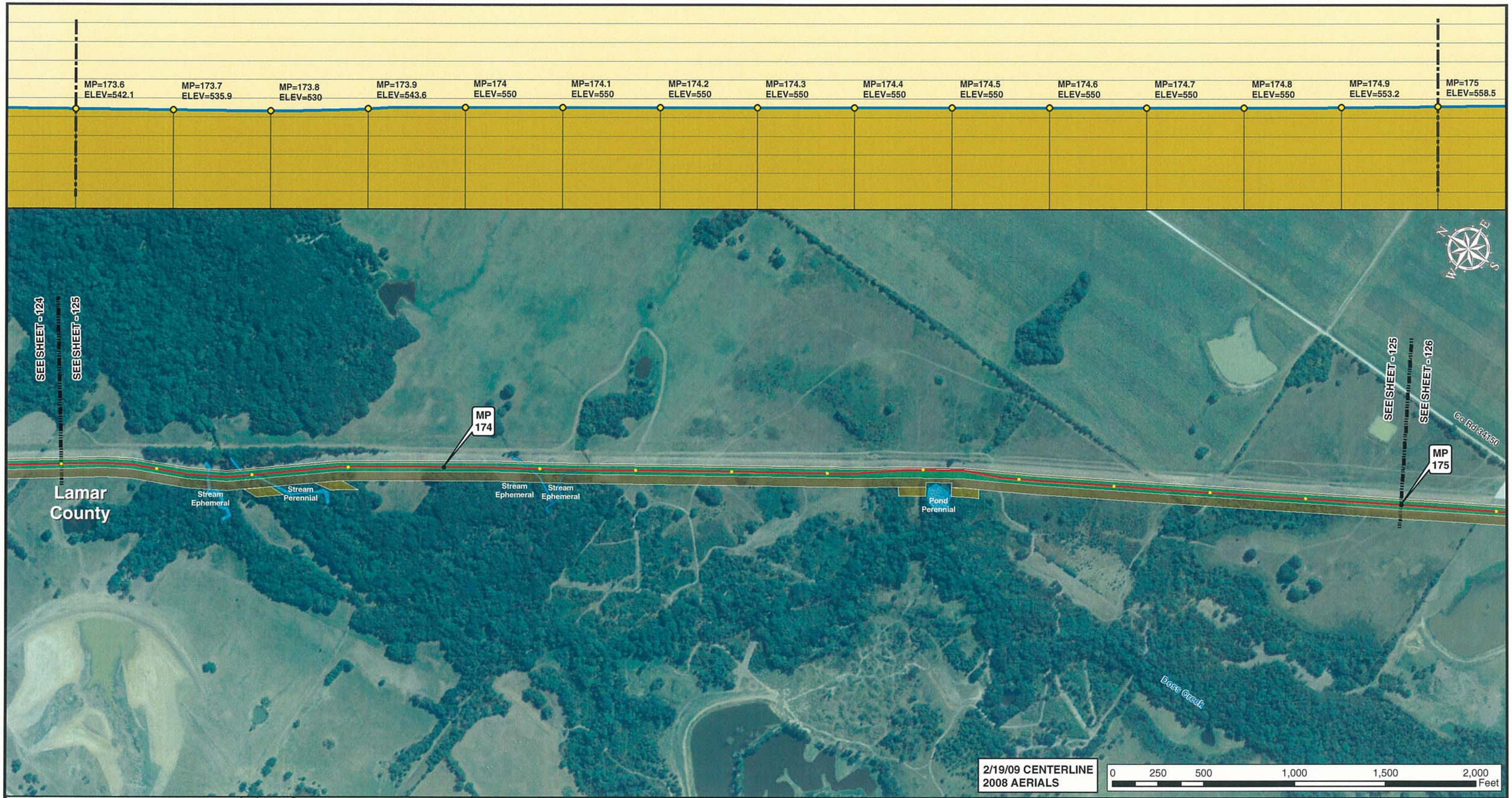
GS	SS	RG	50388X	XL-48 -ML-2002-P- 124-A	124	1

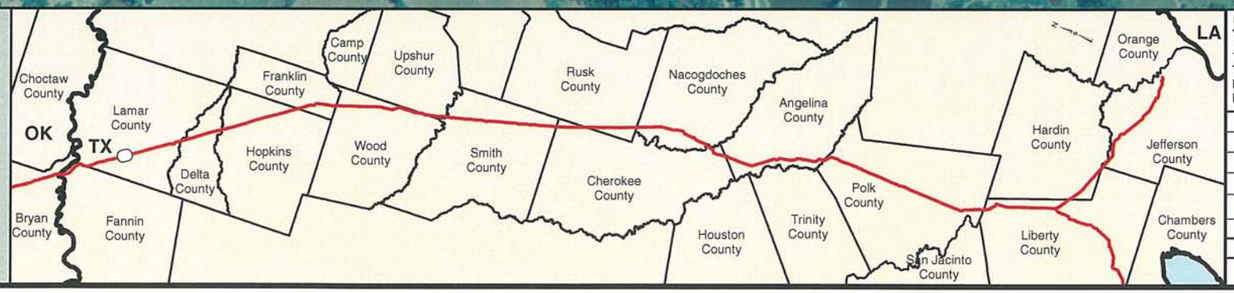


2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE



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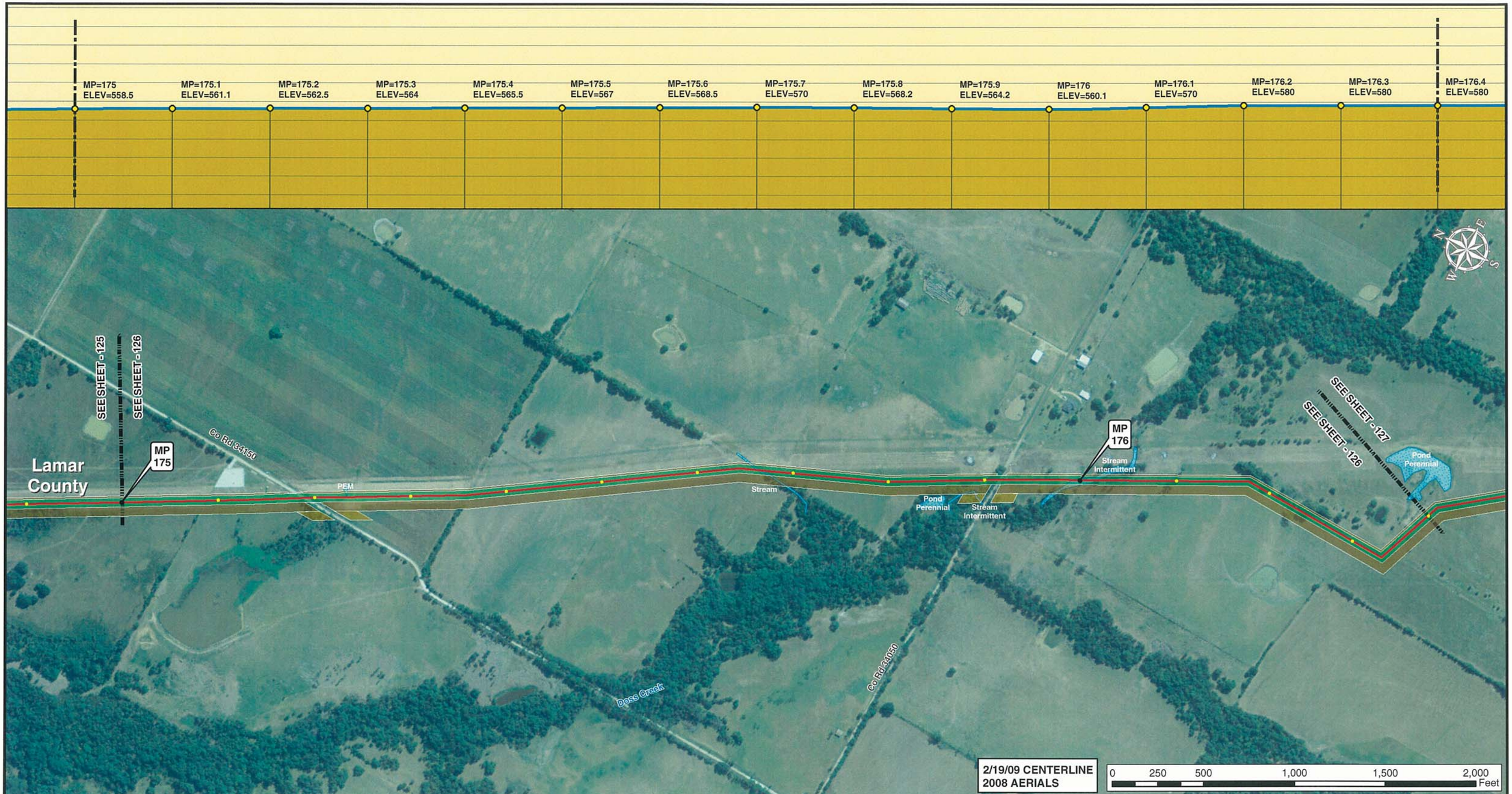
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 125-A	125	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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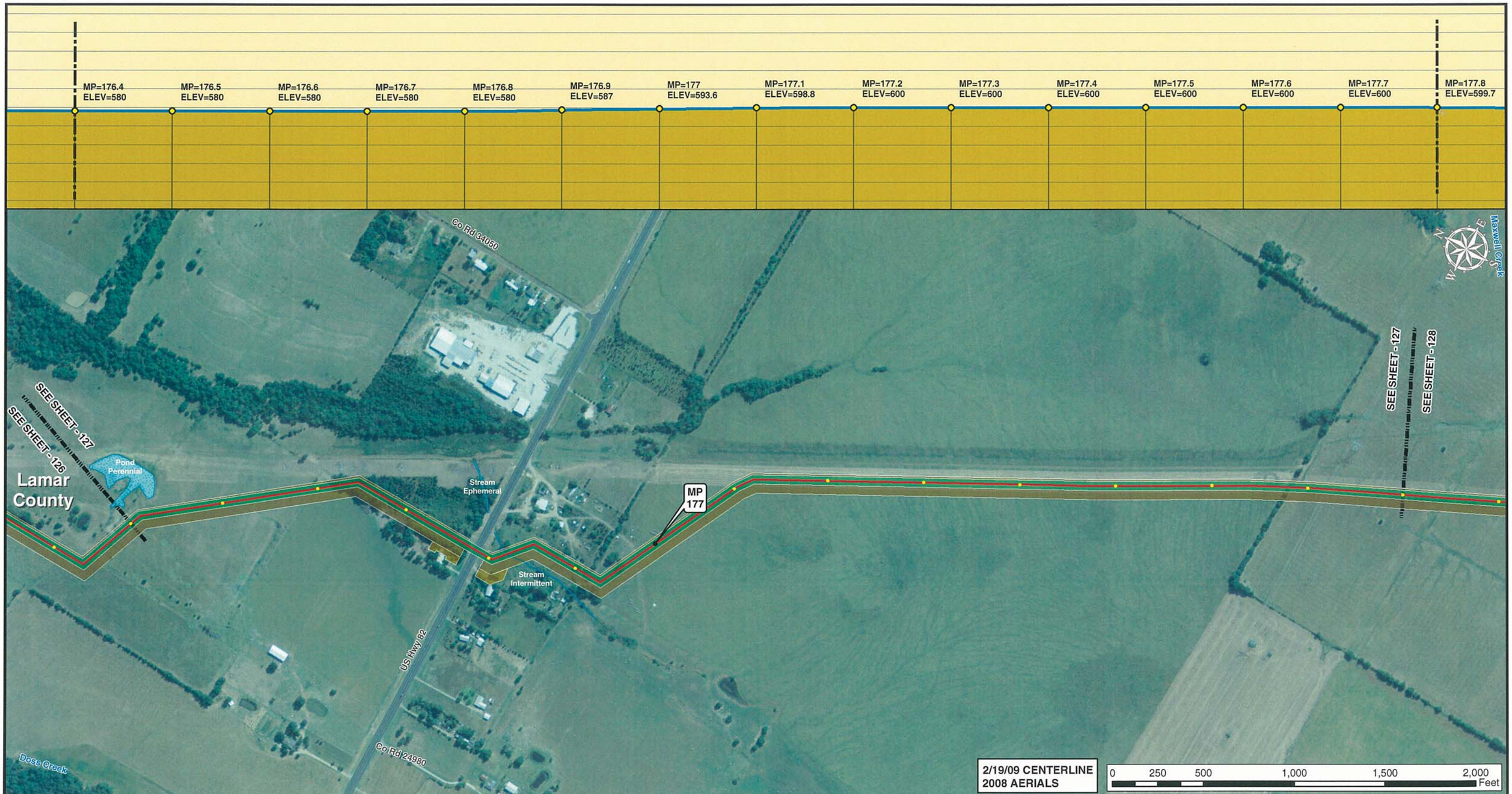
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 126-A	126	1



2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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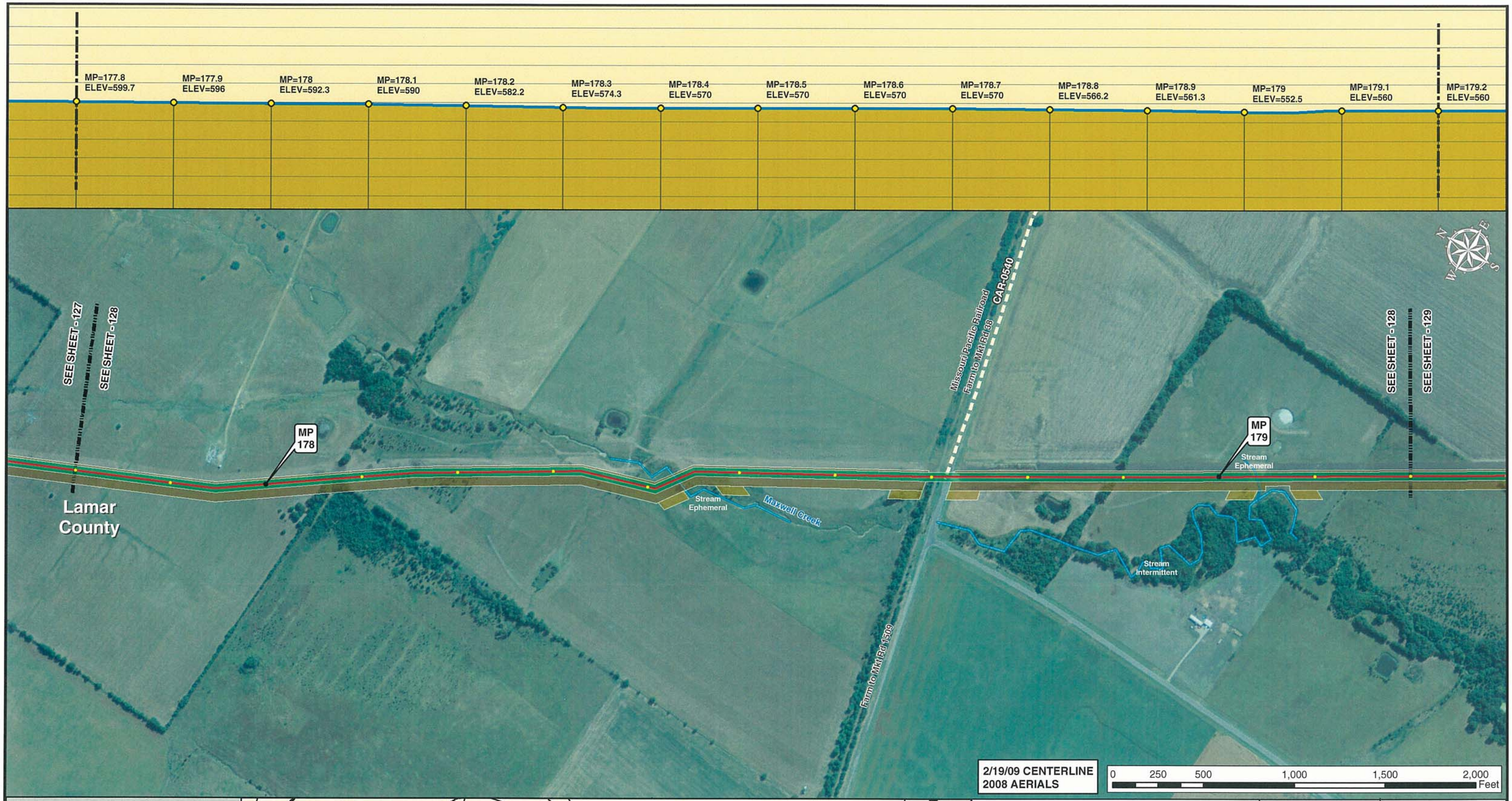
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 127-A	127	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 128-A	128	1

2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
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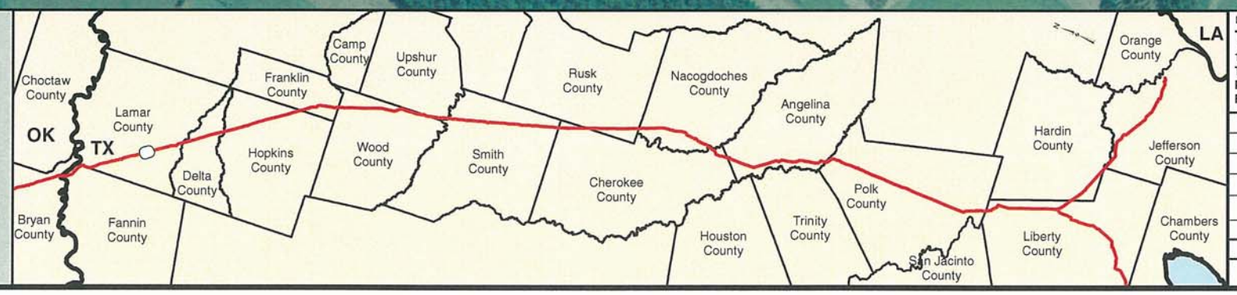
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE



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ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

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GS	SS	RG	50388X	XL-48 -ML-2002-P- 129-A	129	1

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
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ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
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GS	SS	RG	50388X	XL-48 -ML-2002-P- 130-A	130	1

2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
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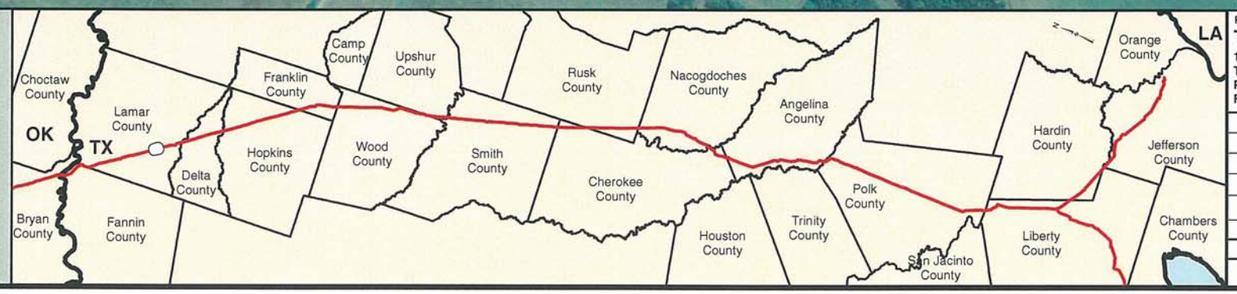
- SECTION LINE



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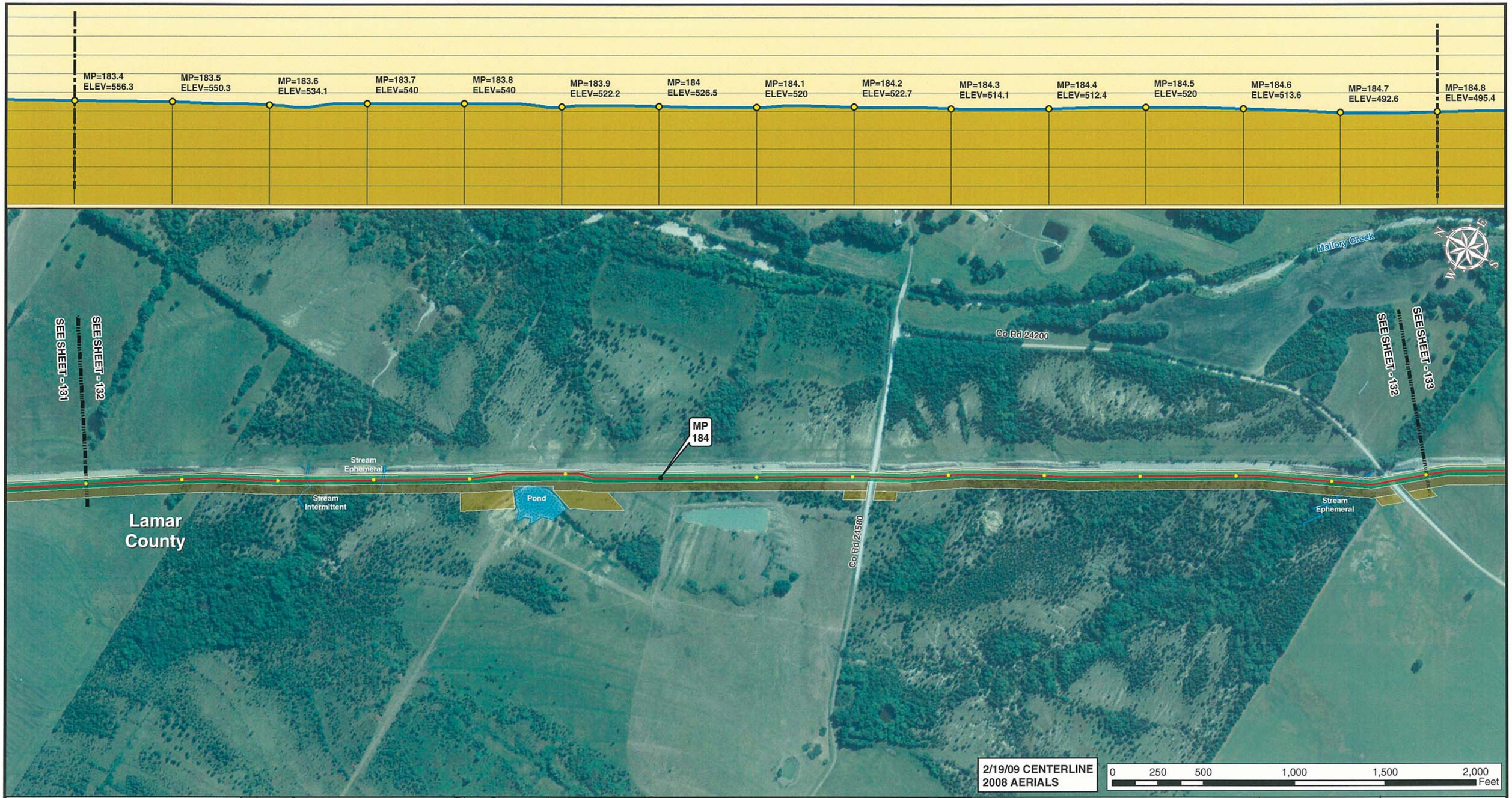
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 131-A	131	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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- TEMPORARY EASEMENT
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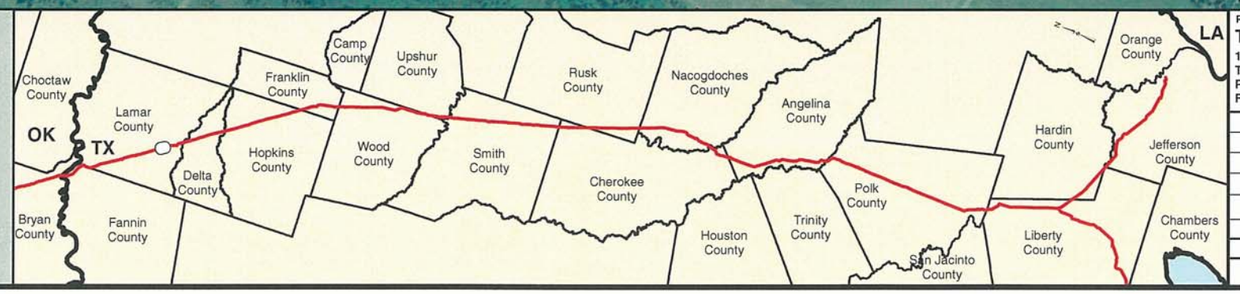
- COUNTY LINE
- SECTION LINE



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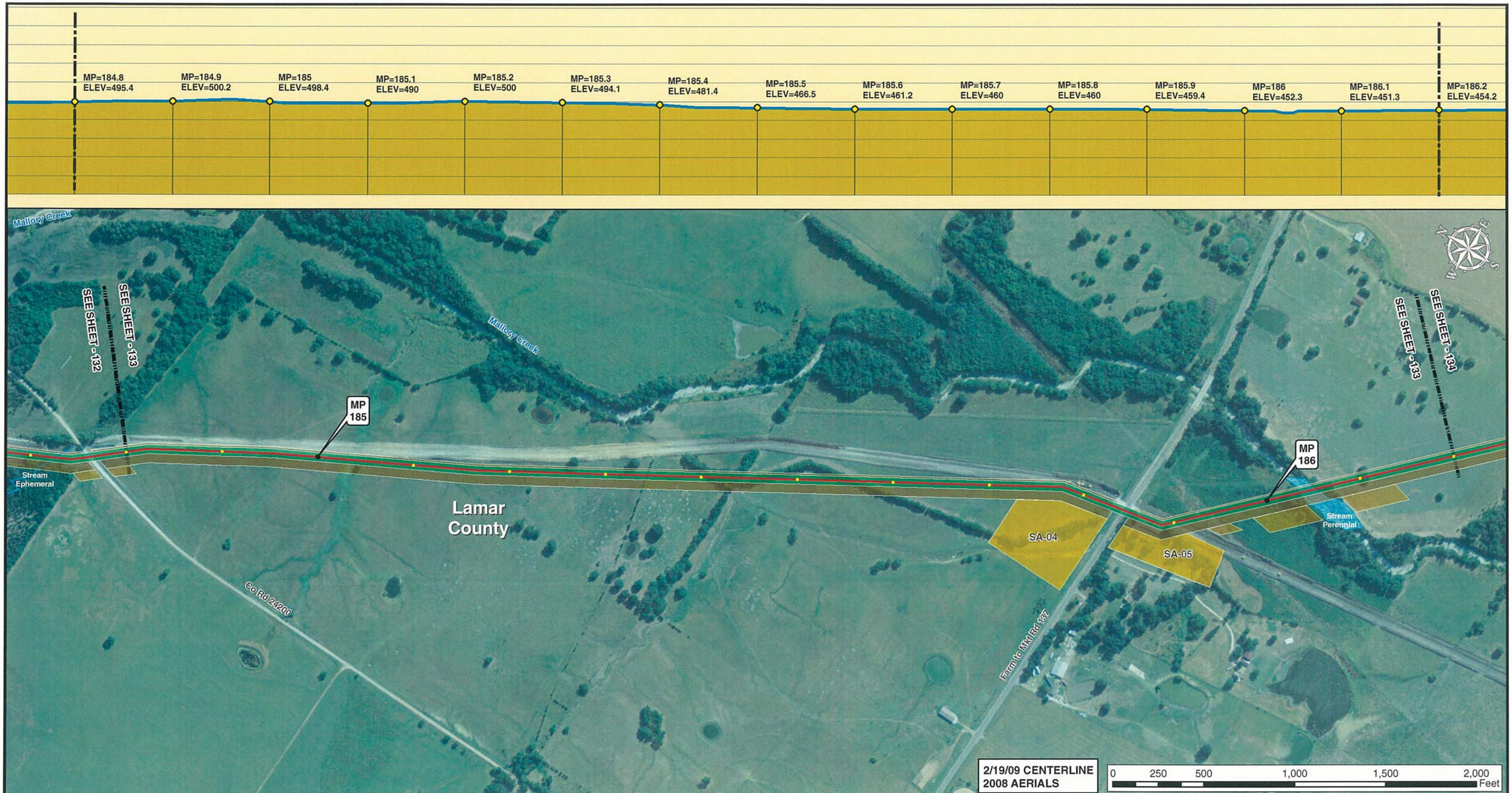
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 132-A	132	1



Legend

- MILE POST
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- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
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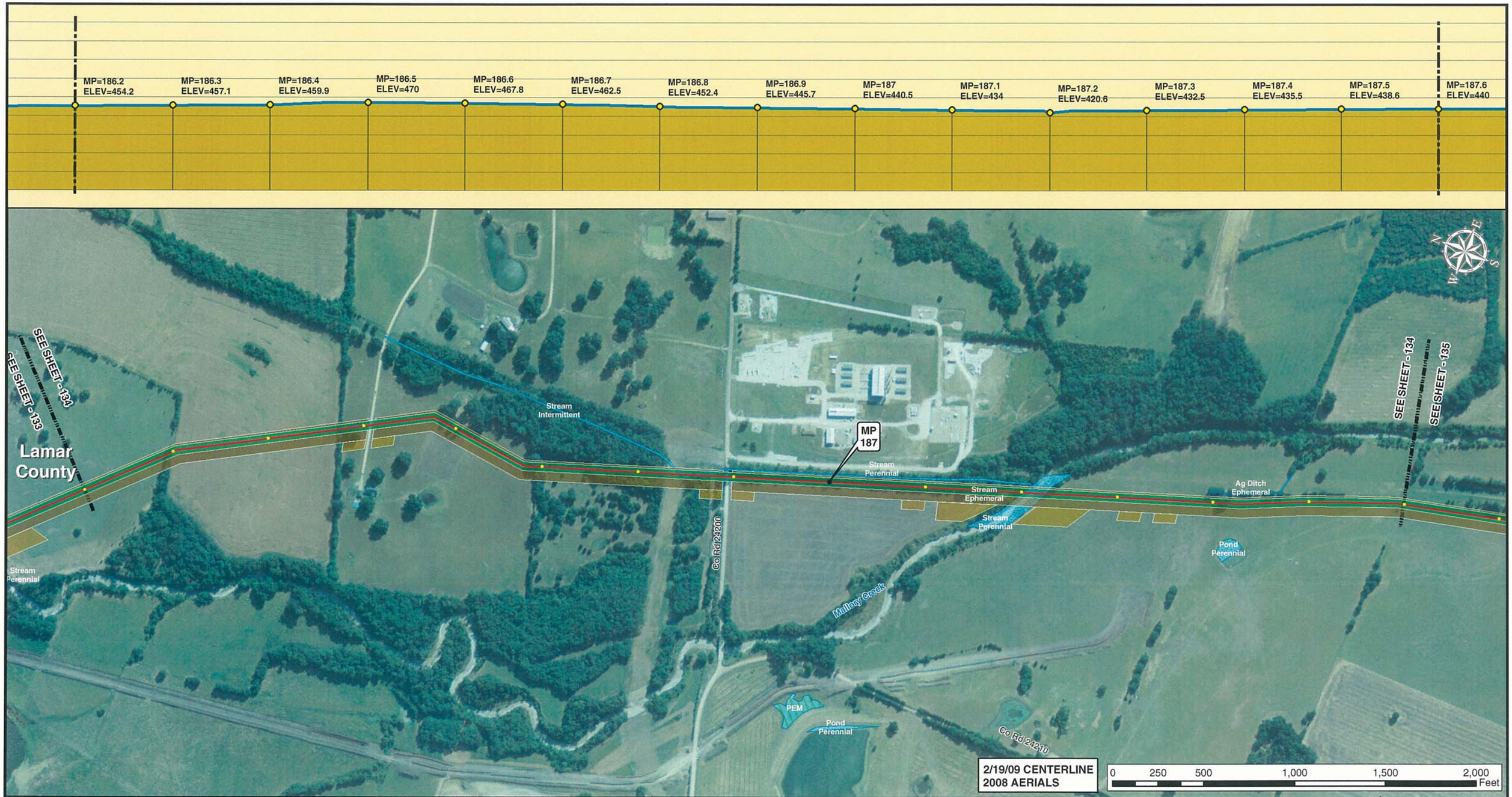
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 133-A	133	1



Legend

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ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
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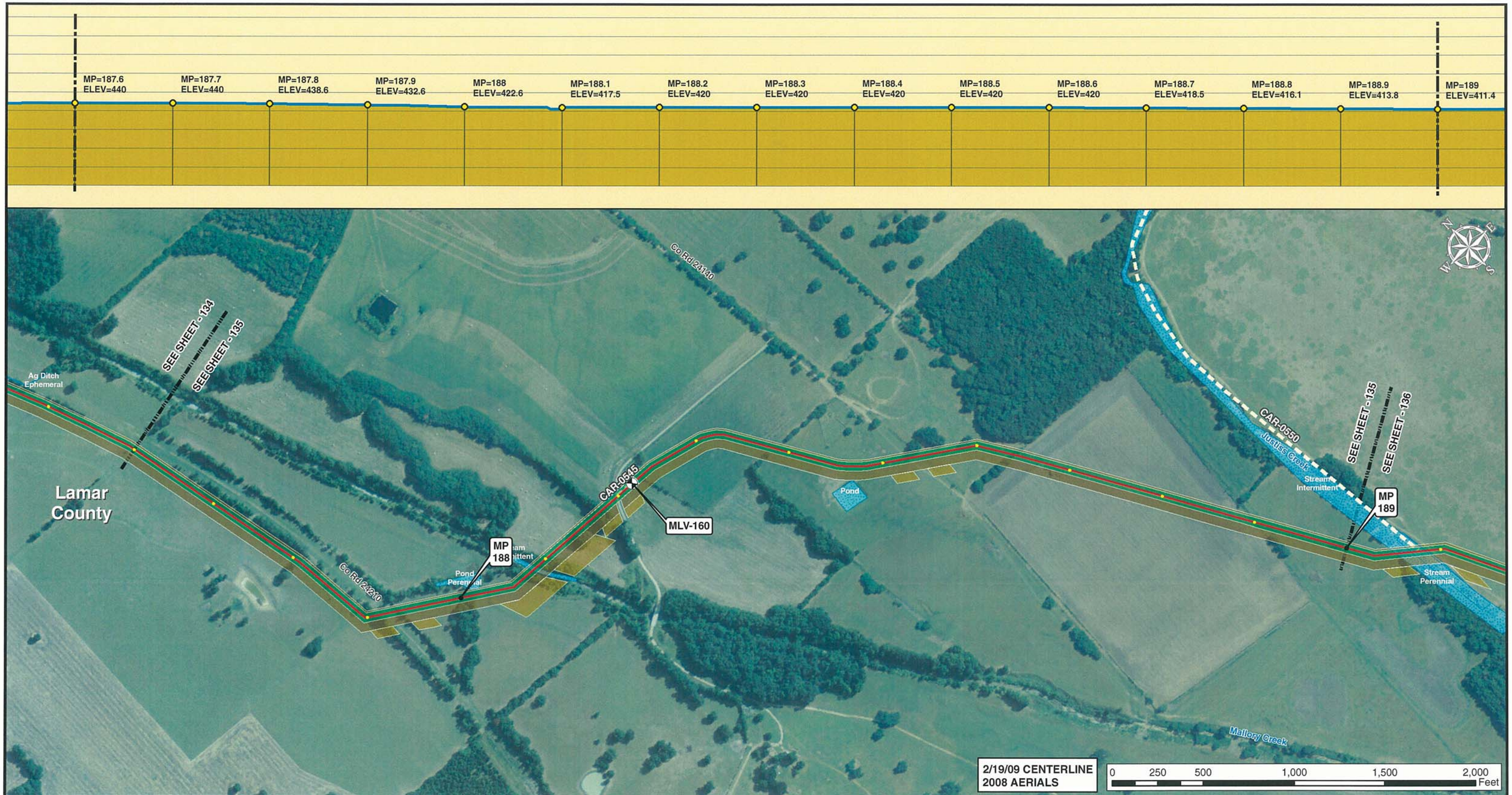
GS	SS	RG	50388X	XL-48 -ML-2002-P- 134-A	134	1



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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
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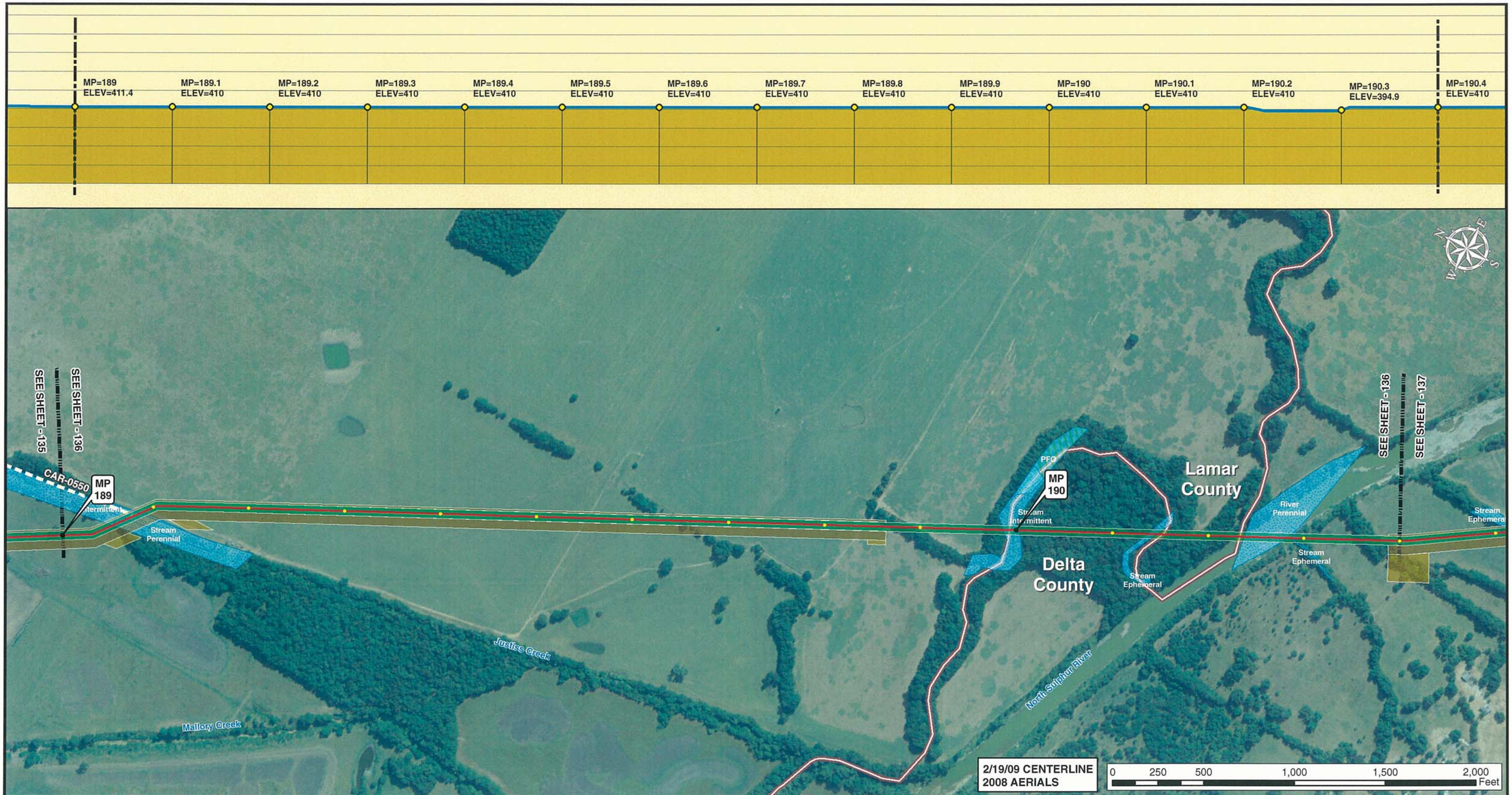
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 135-A	135	1



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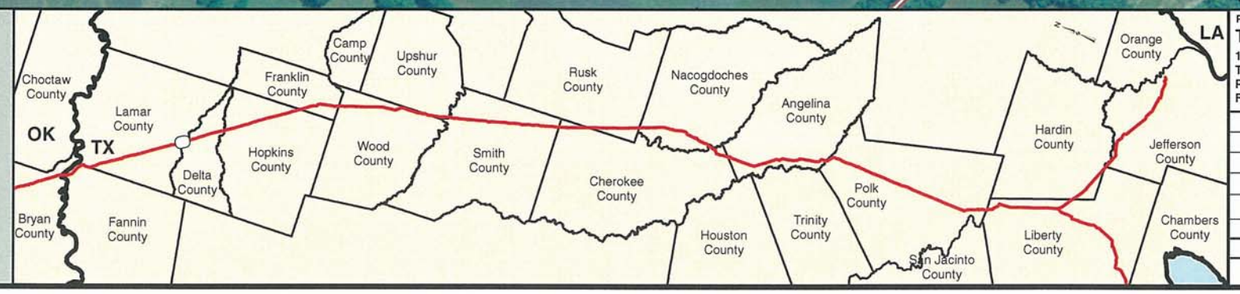

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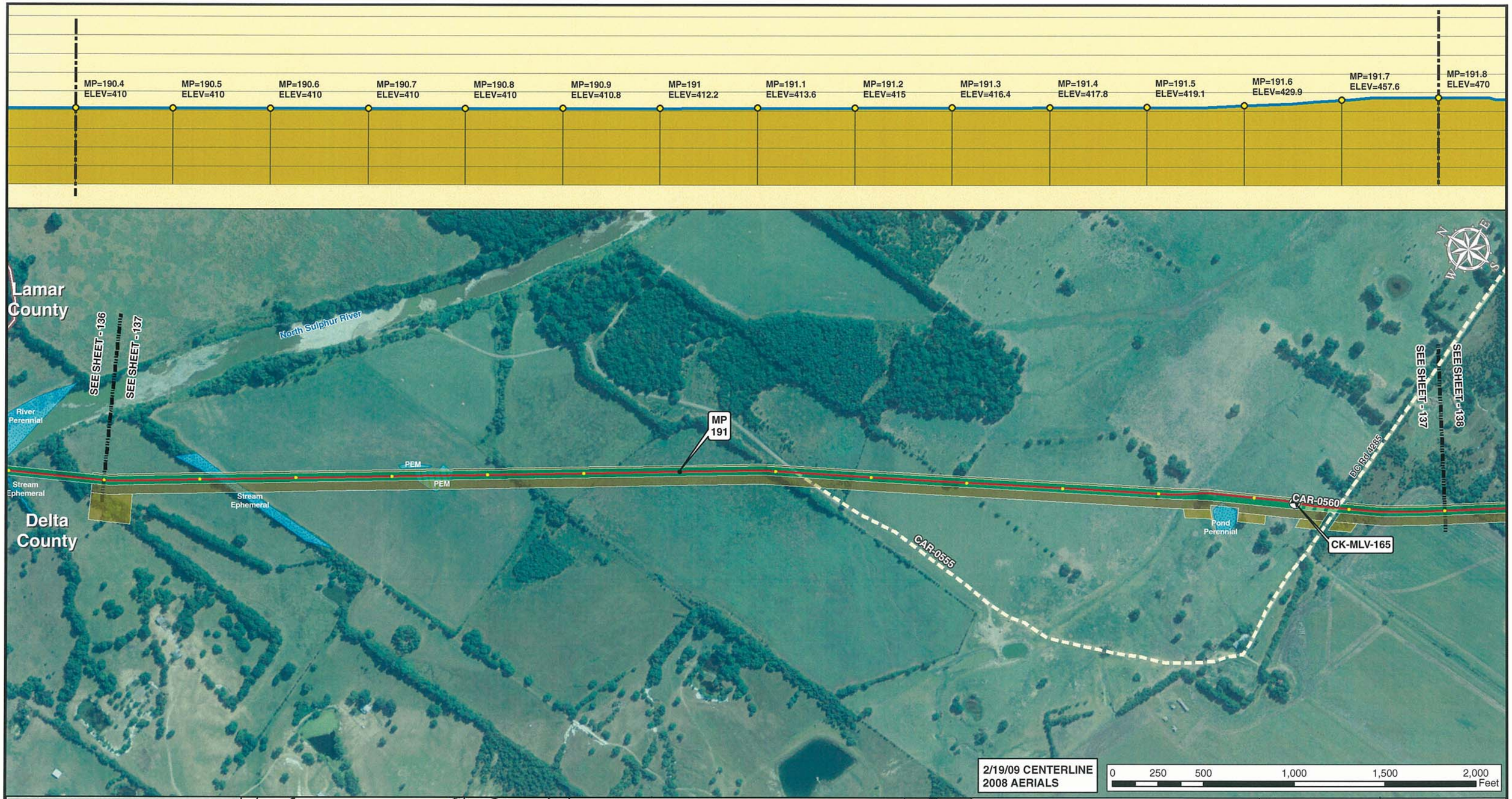
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LAMAR COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 136-A	136	1



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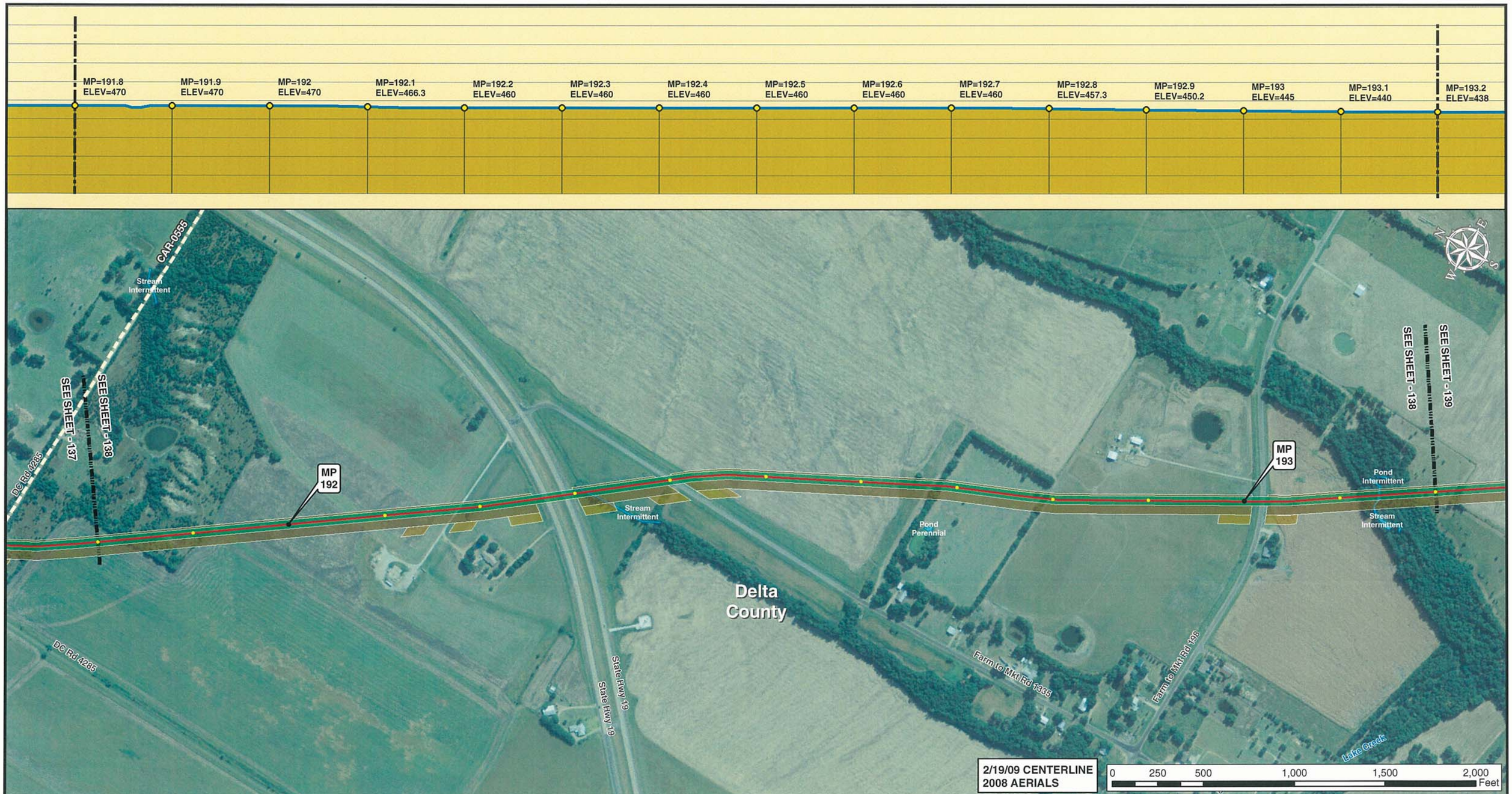
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
DELTA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 137-A	137	1



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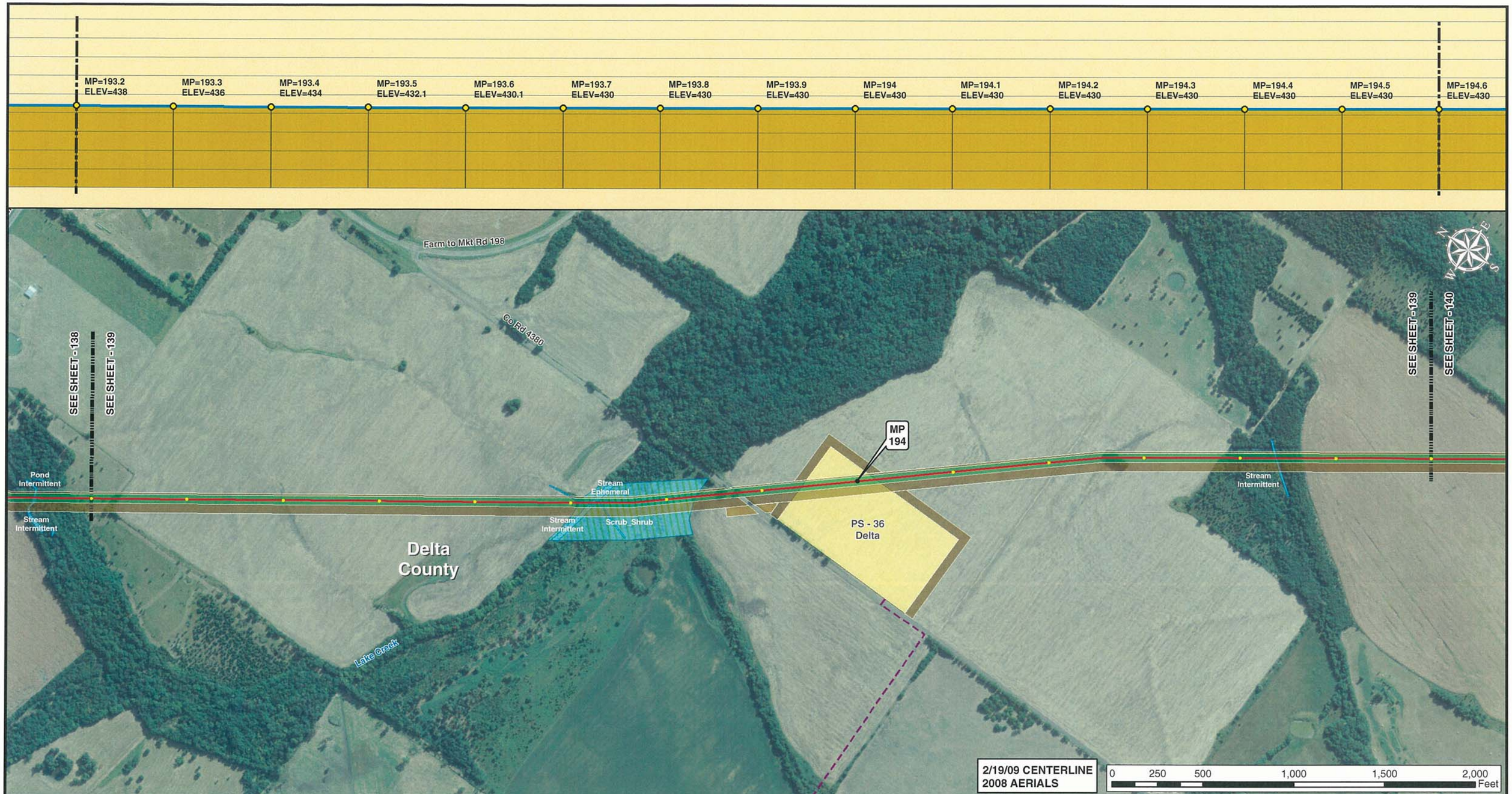
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
DELTA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 138-A	138	1

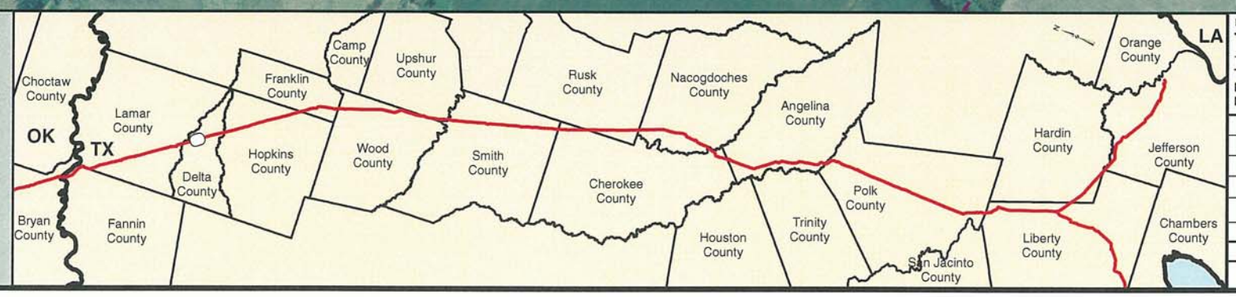


2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE



PREPARED BY:
TROW ENGINEERING CONSULTANTS INC.
1300 Metropolitan Boulevard, Suite 200
Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523

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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
DELTA COUNTY, TEXAS

MAP PARAMETERS
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SCALE: 1: 6000 ; 1" = 500'

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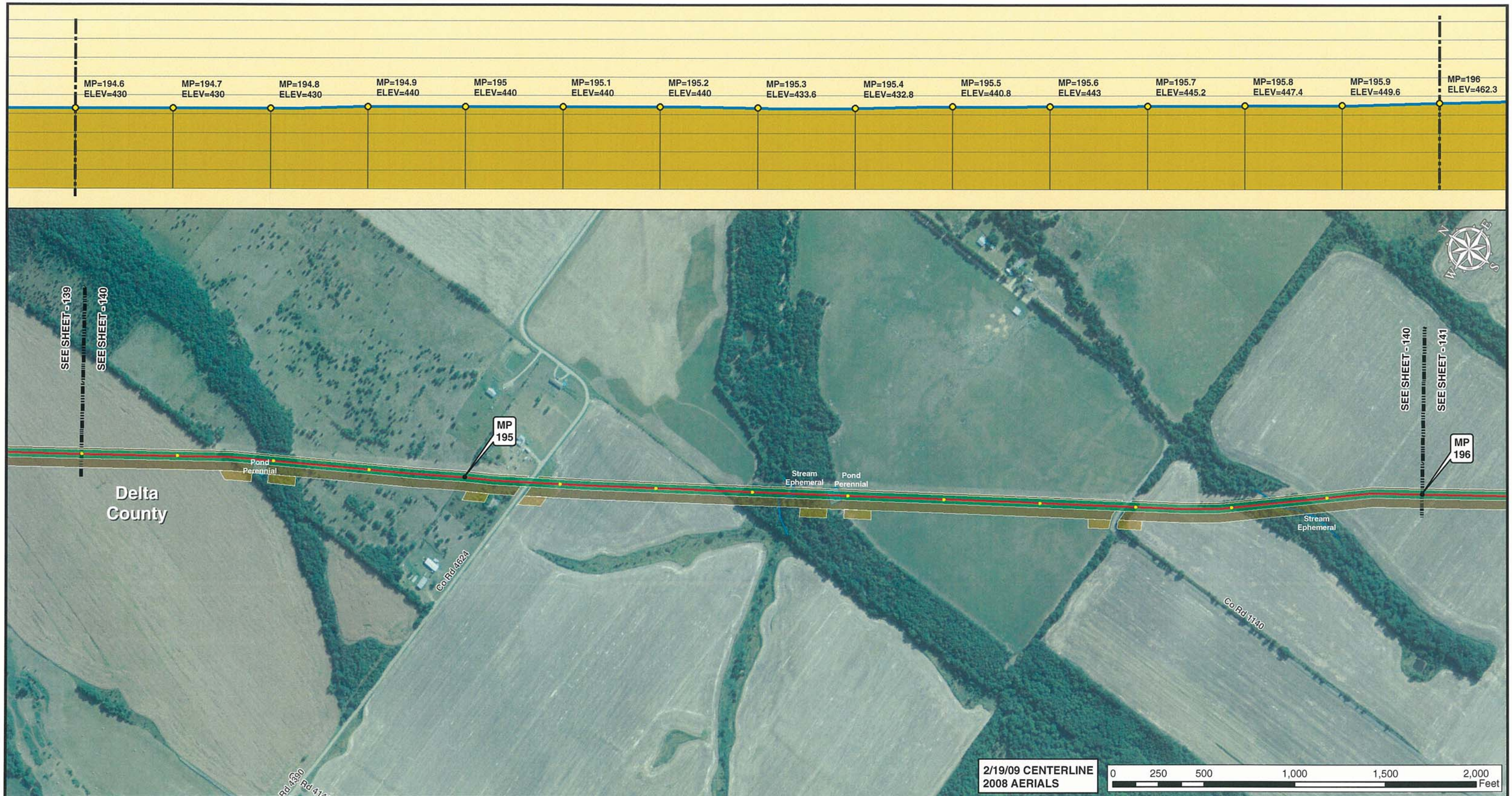
GS	SS	RG	50388X	XL-48 -ML-2002-P- 139-A	139	1



2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
DELTA COUNTY, TEXAS

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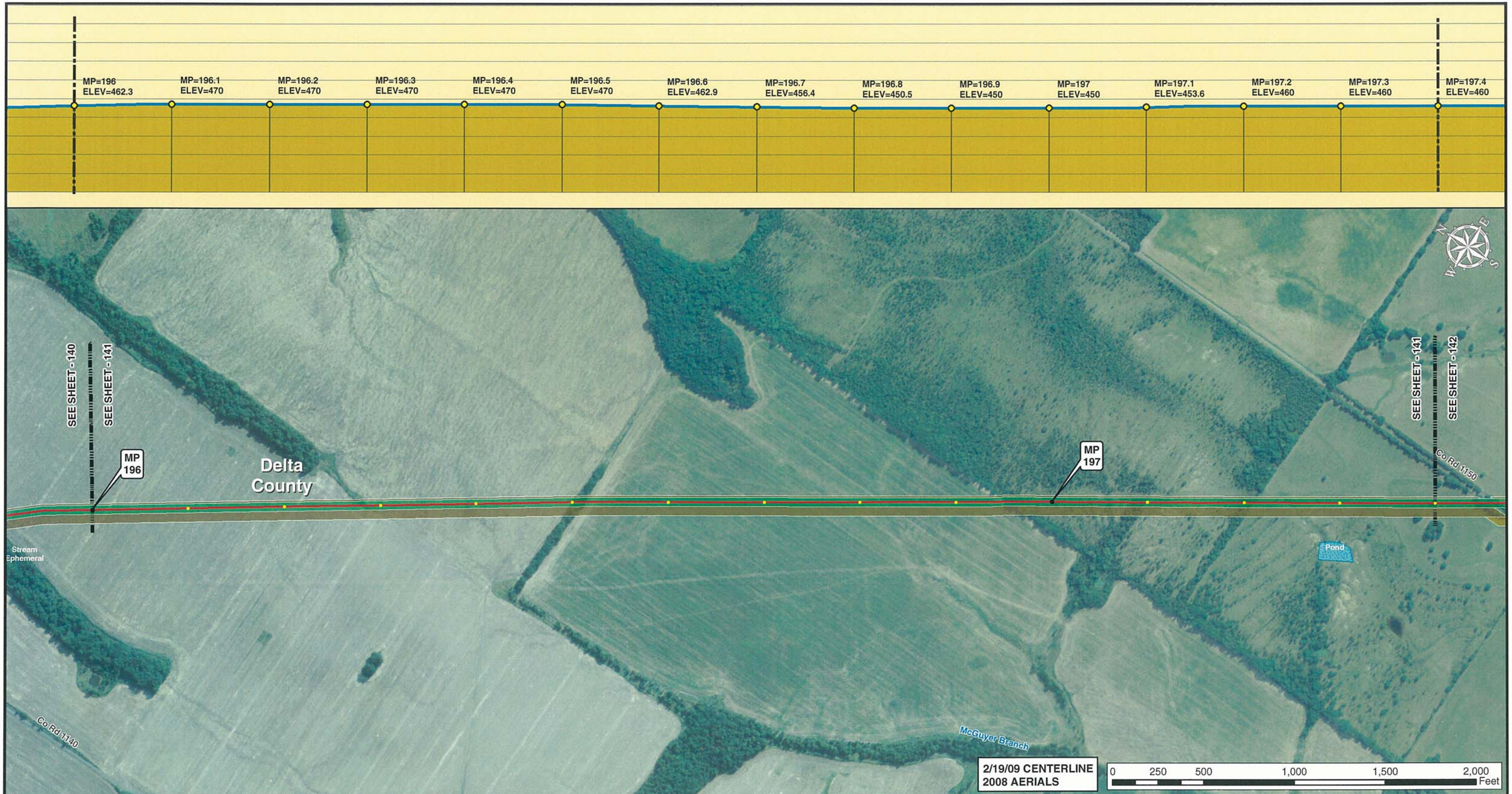
GS	SS	RG	50388X	XL-48 -ML-2002-P- 140-A	140	1



2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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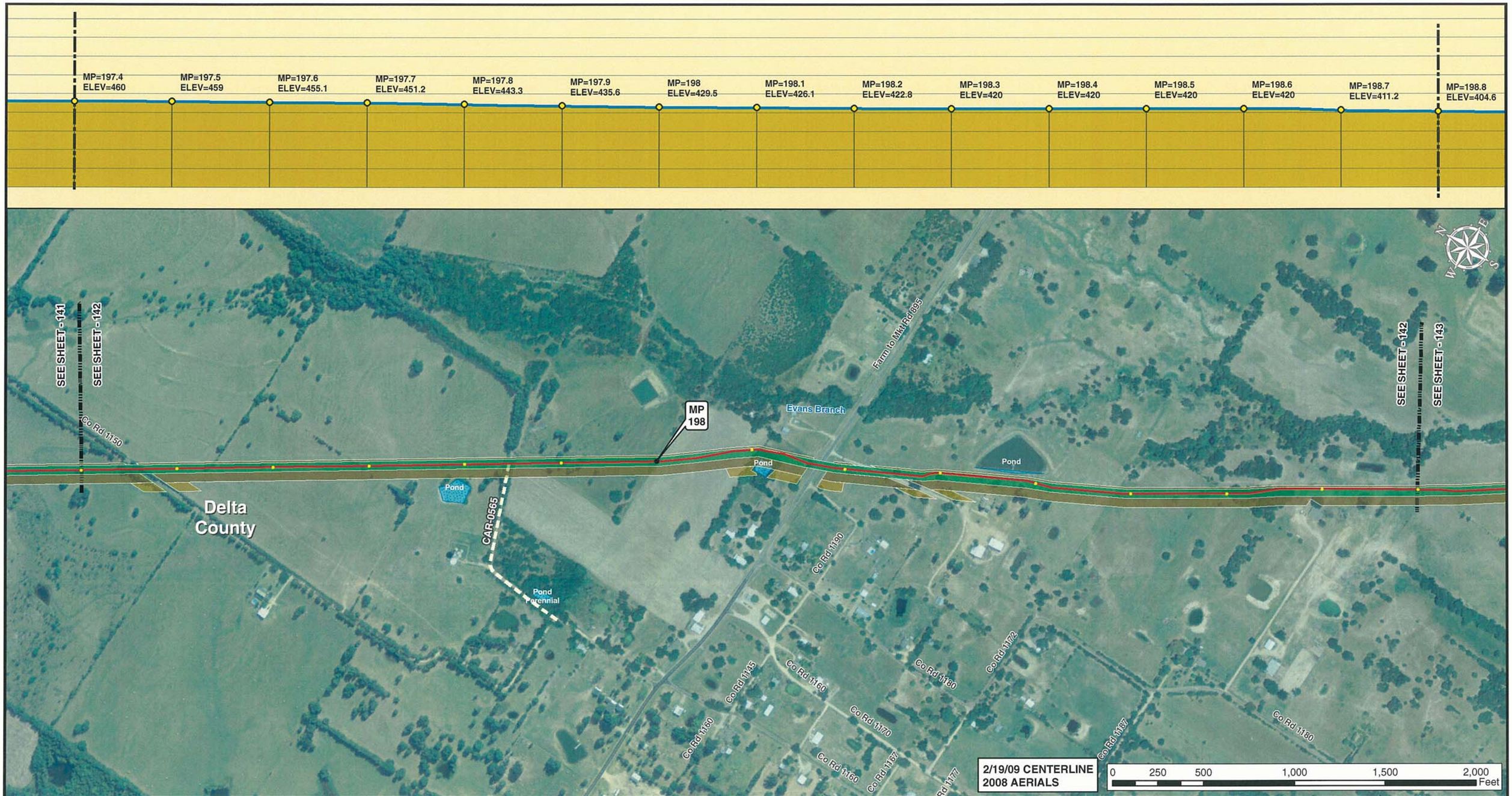

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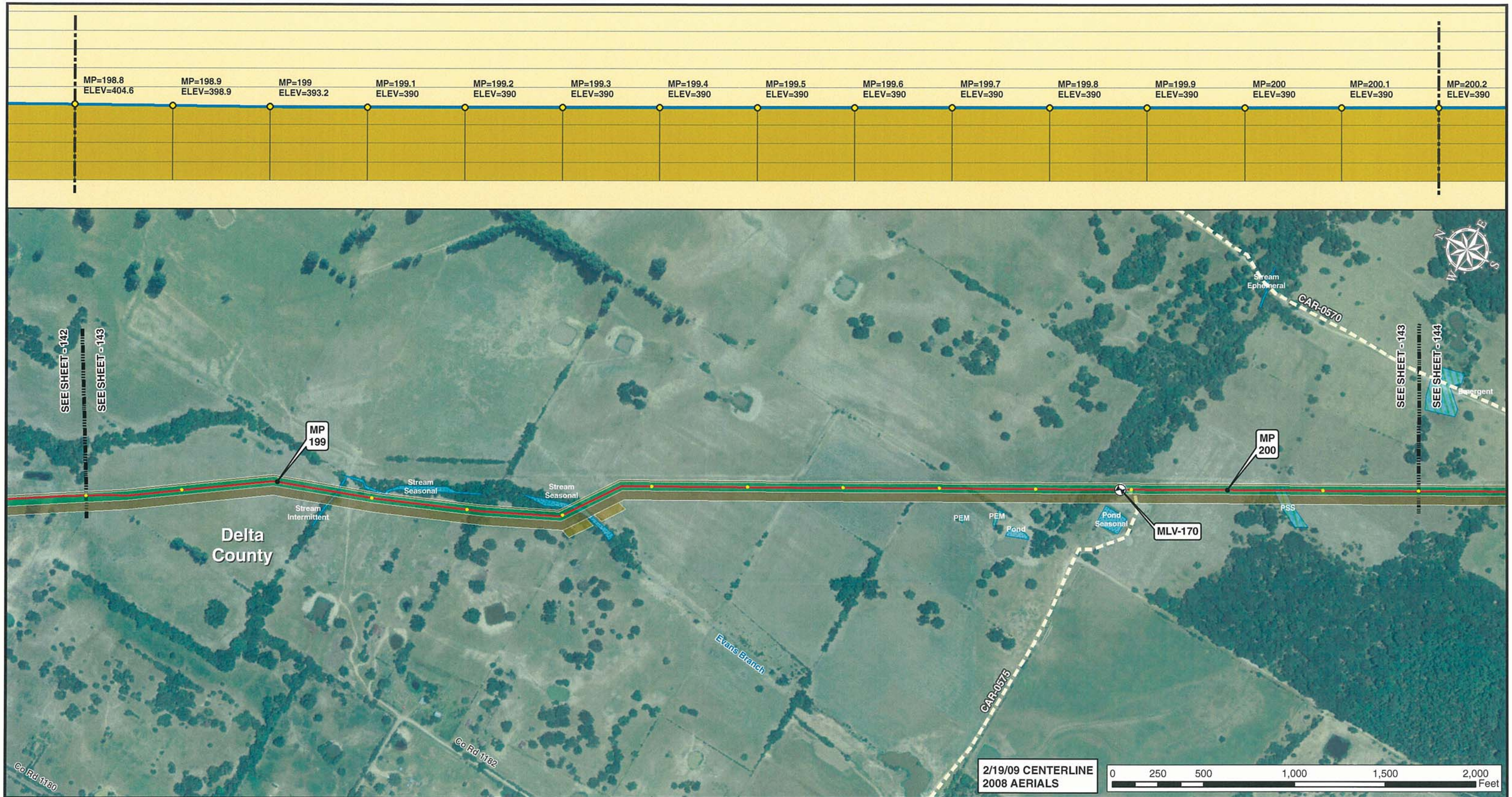

Legend

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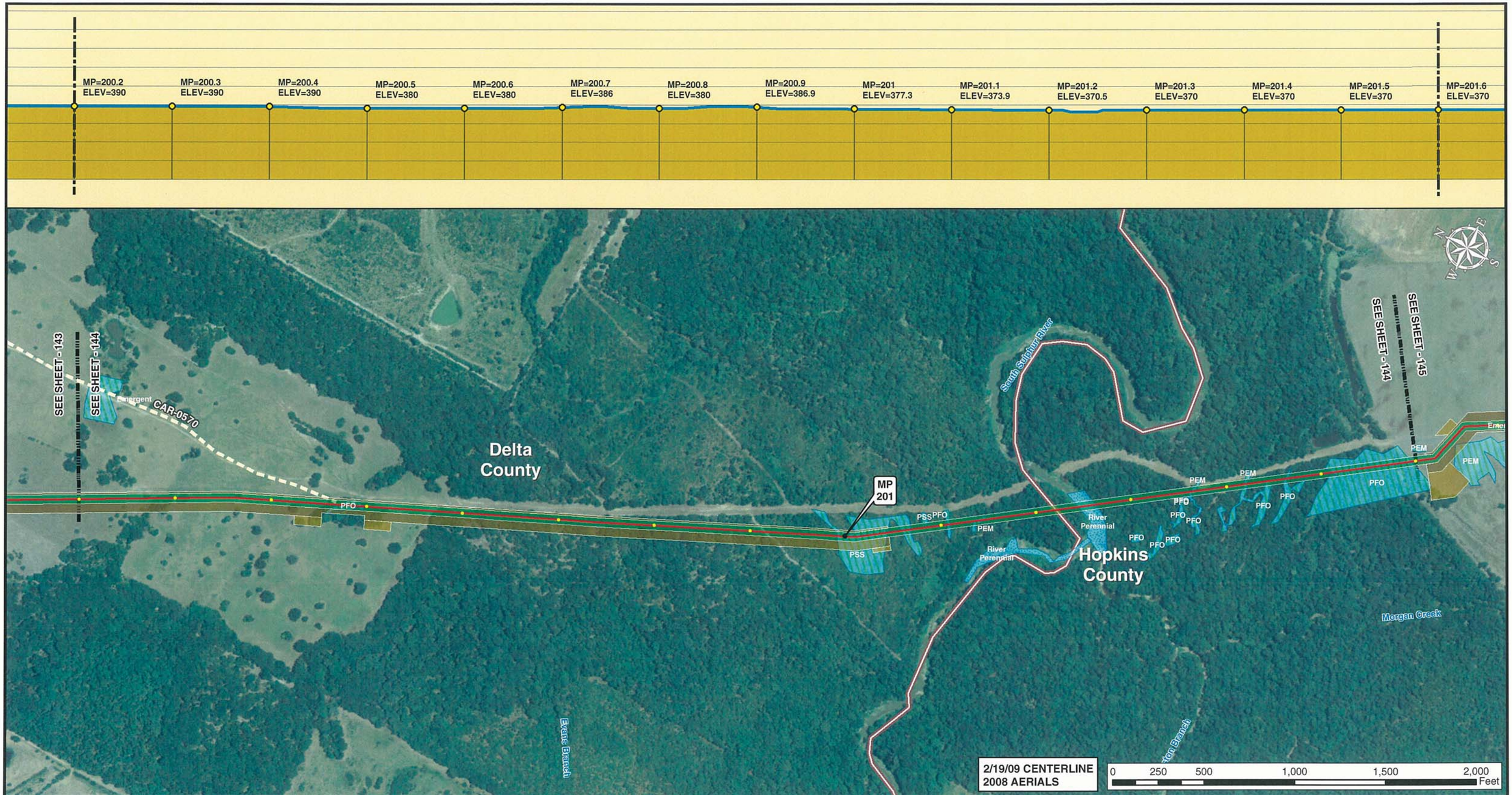

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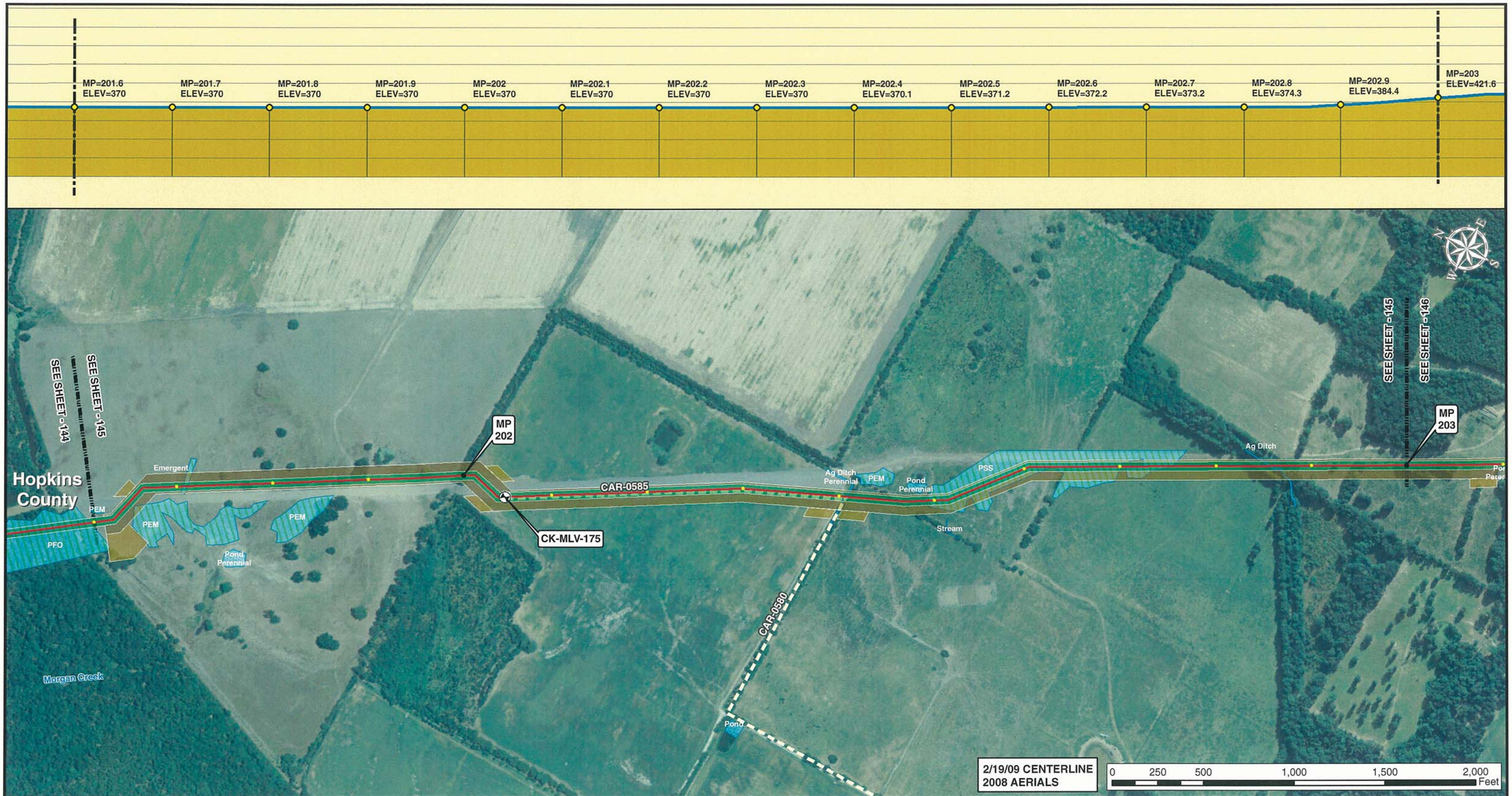
GS	SS	RG	50388X	XL-48 -ML-2002-P- 144-A	144	1



Legend

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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
HOPKINS COUNTY, TEXAS

MAP PARAMETERS
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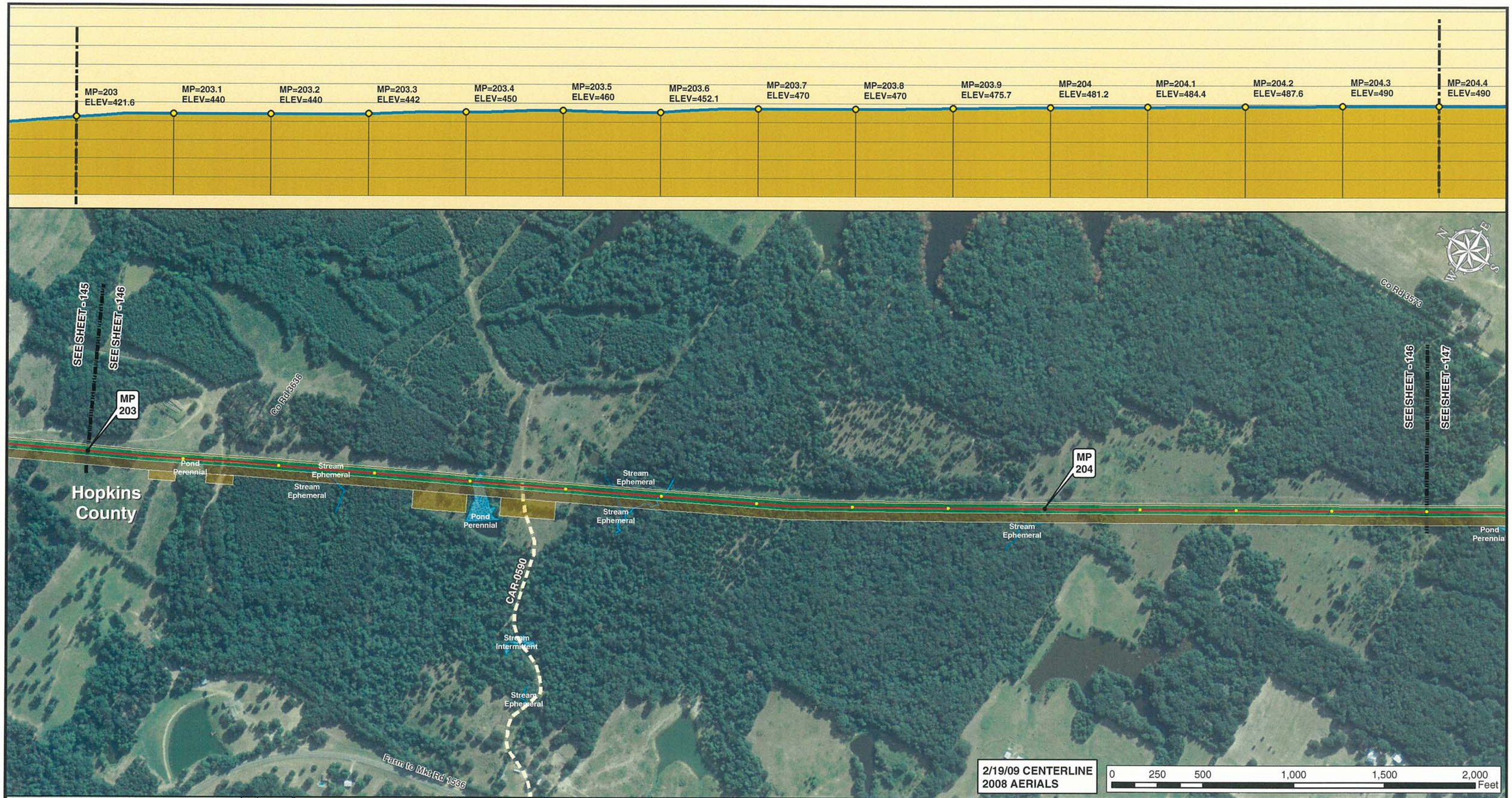
GS	SS	RG	50388X	XL-48 -ML-2002-P- 145-A	145	1



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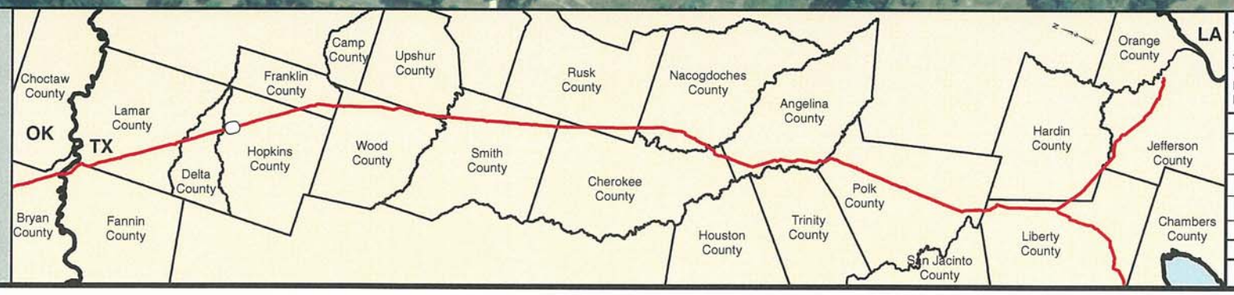

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KEYSTONE XL PROJECT
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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
HOPKINS COUNTY, TEXAS

MAP PARAMETERS
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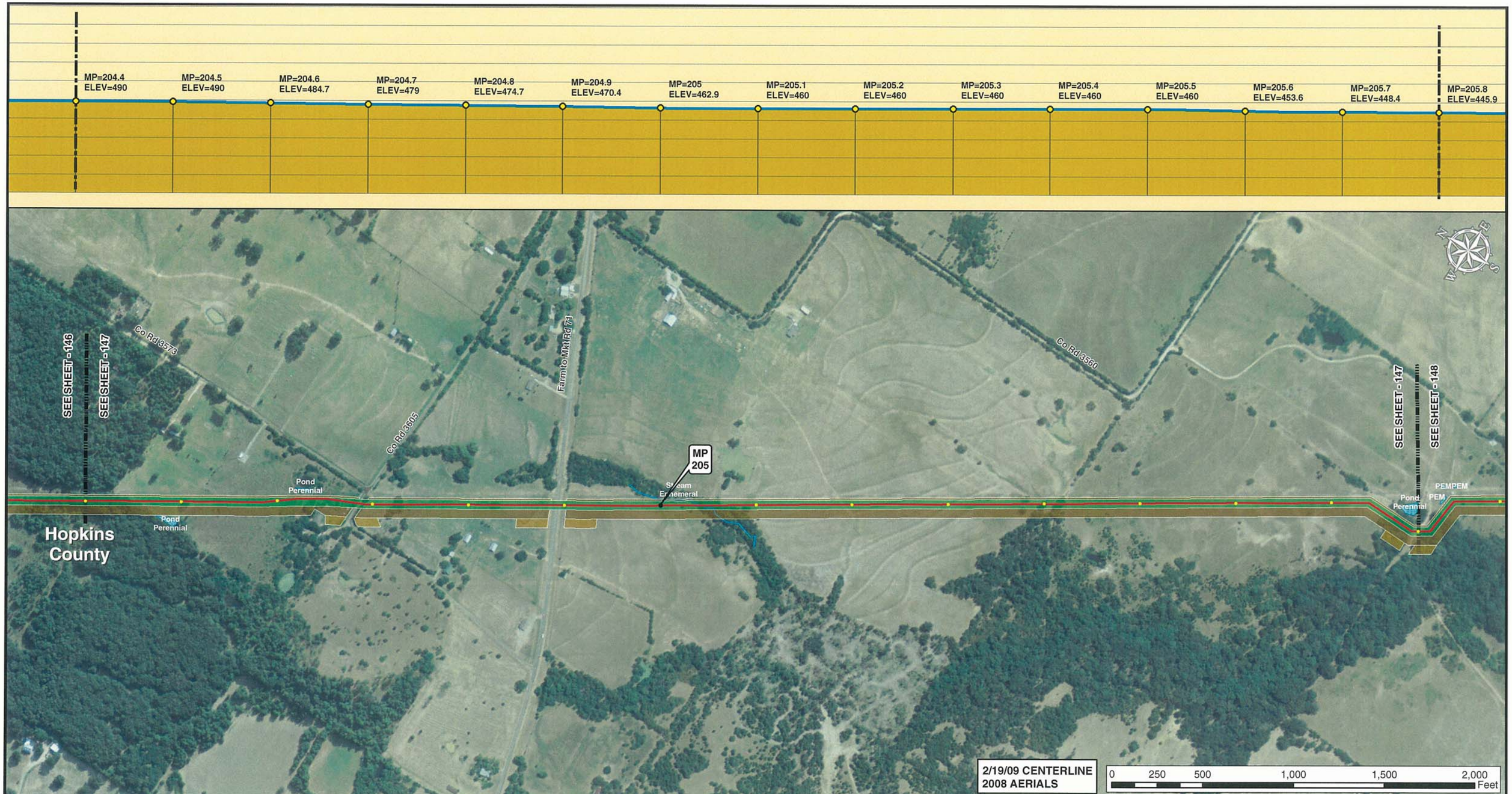
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 146-A	146	1



Legend

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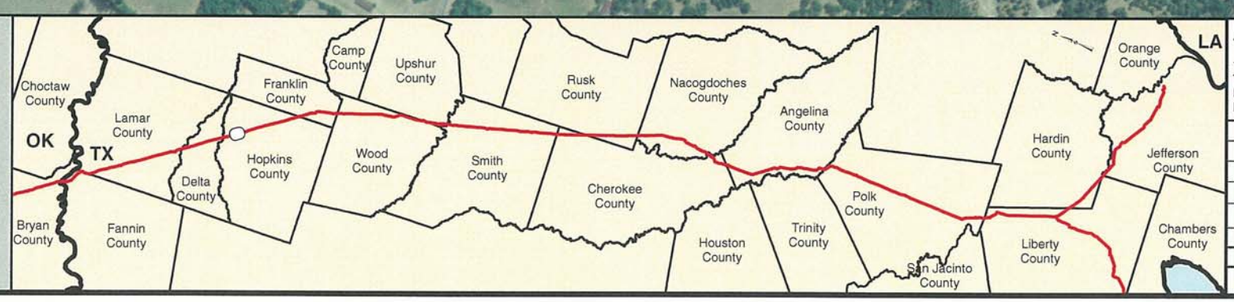

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MAP PARAMETERS
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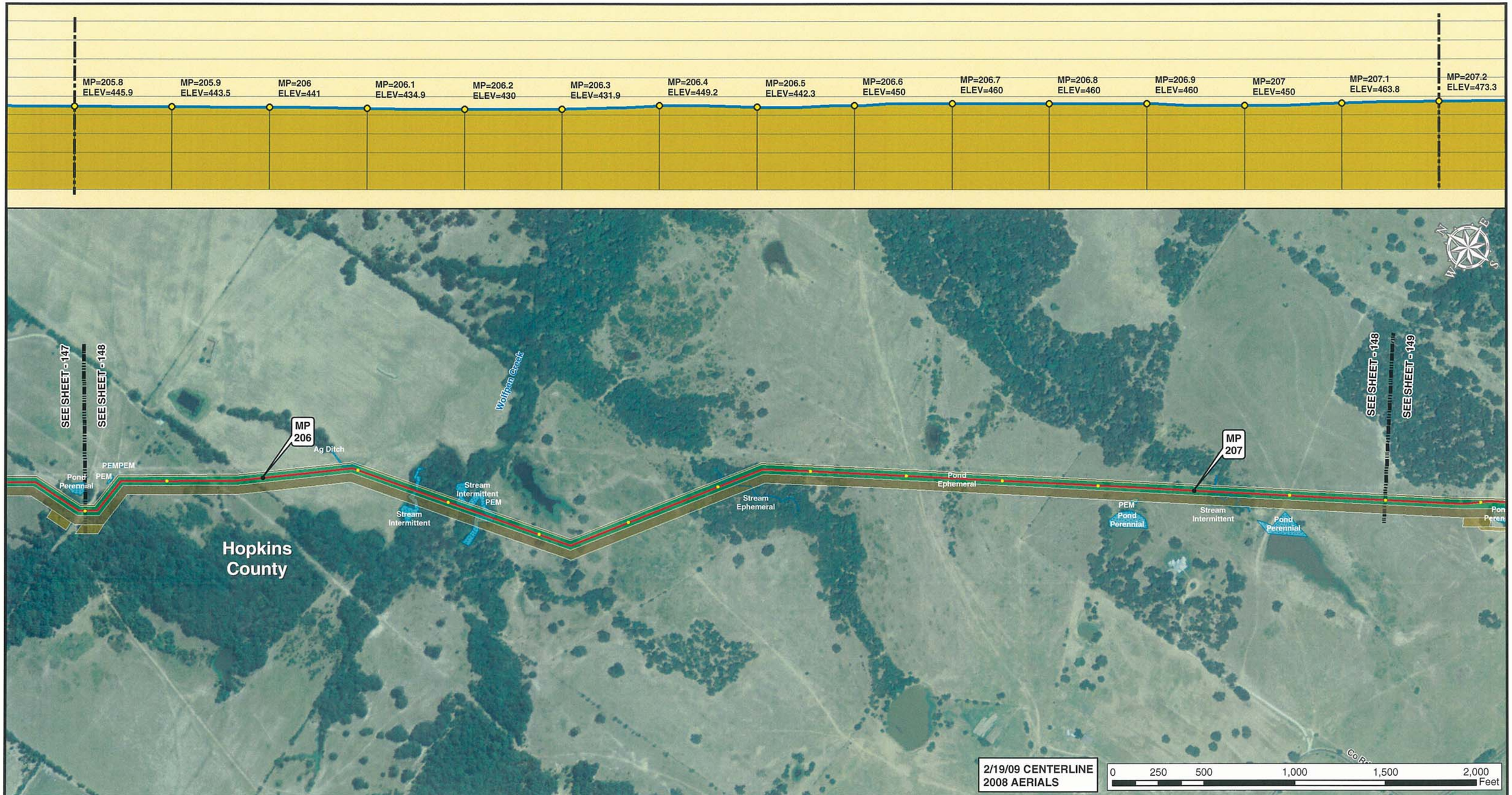
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 147-A	147	1



Legend

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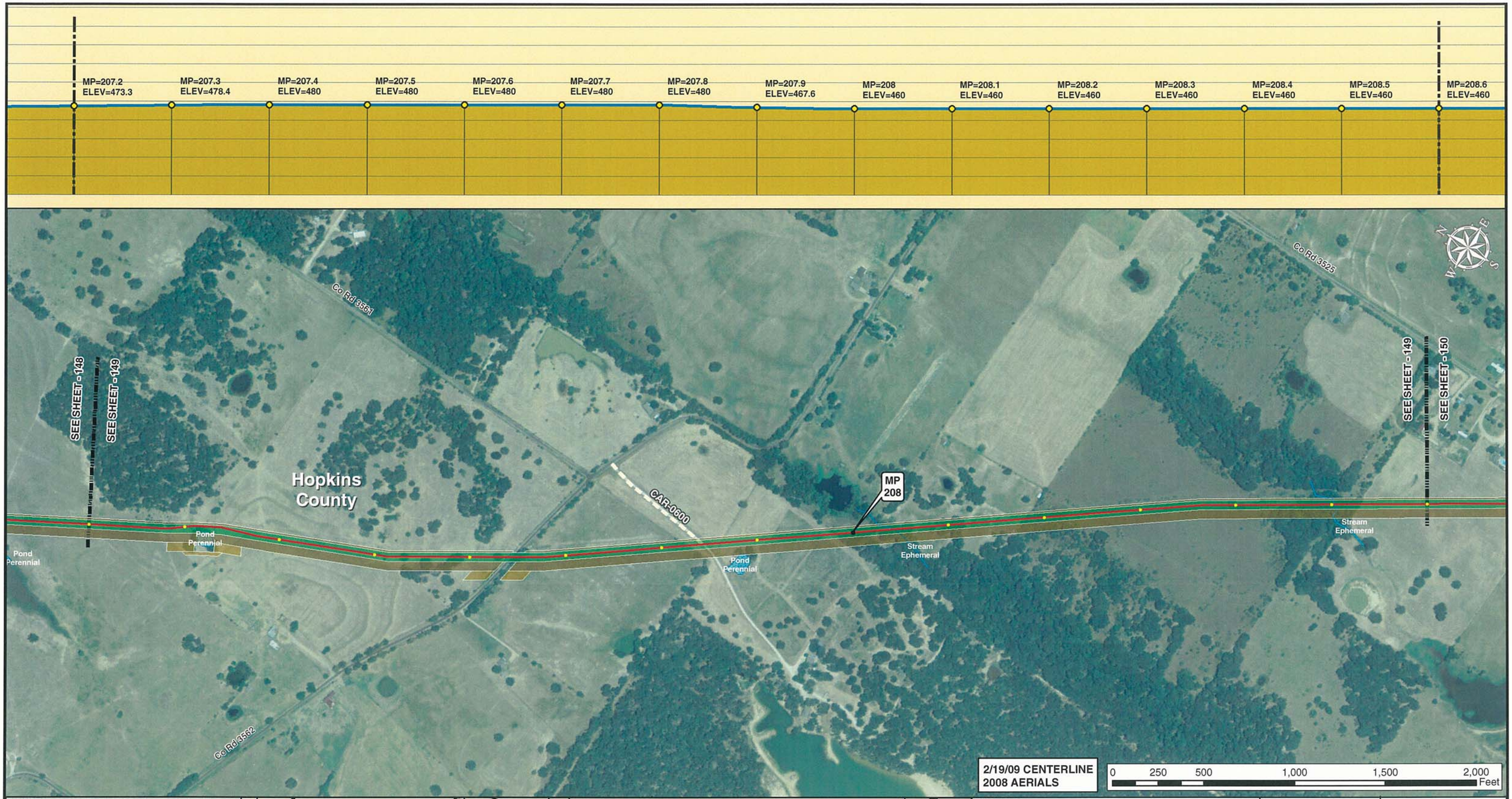
GS	SS	RG	50388X	XL-48 -ML-2002-P- 148-A	148	1



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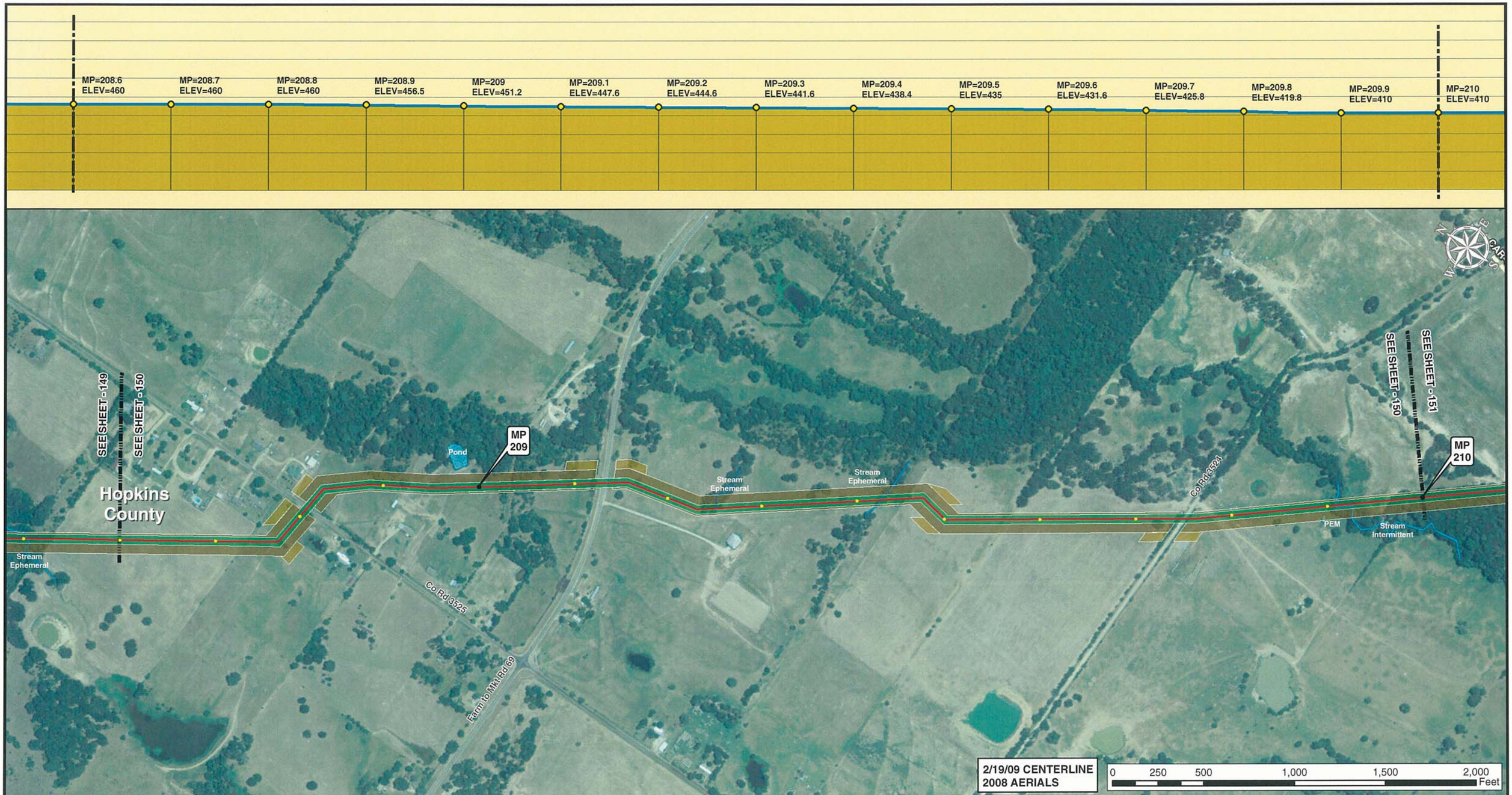

2/19/09 CENTERLINE
2008 AERIALS

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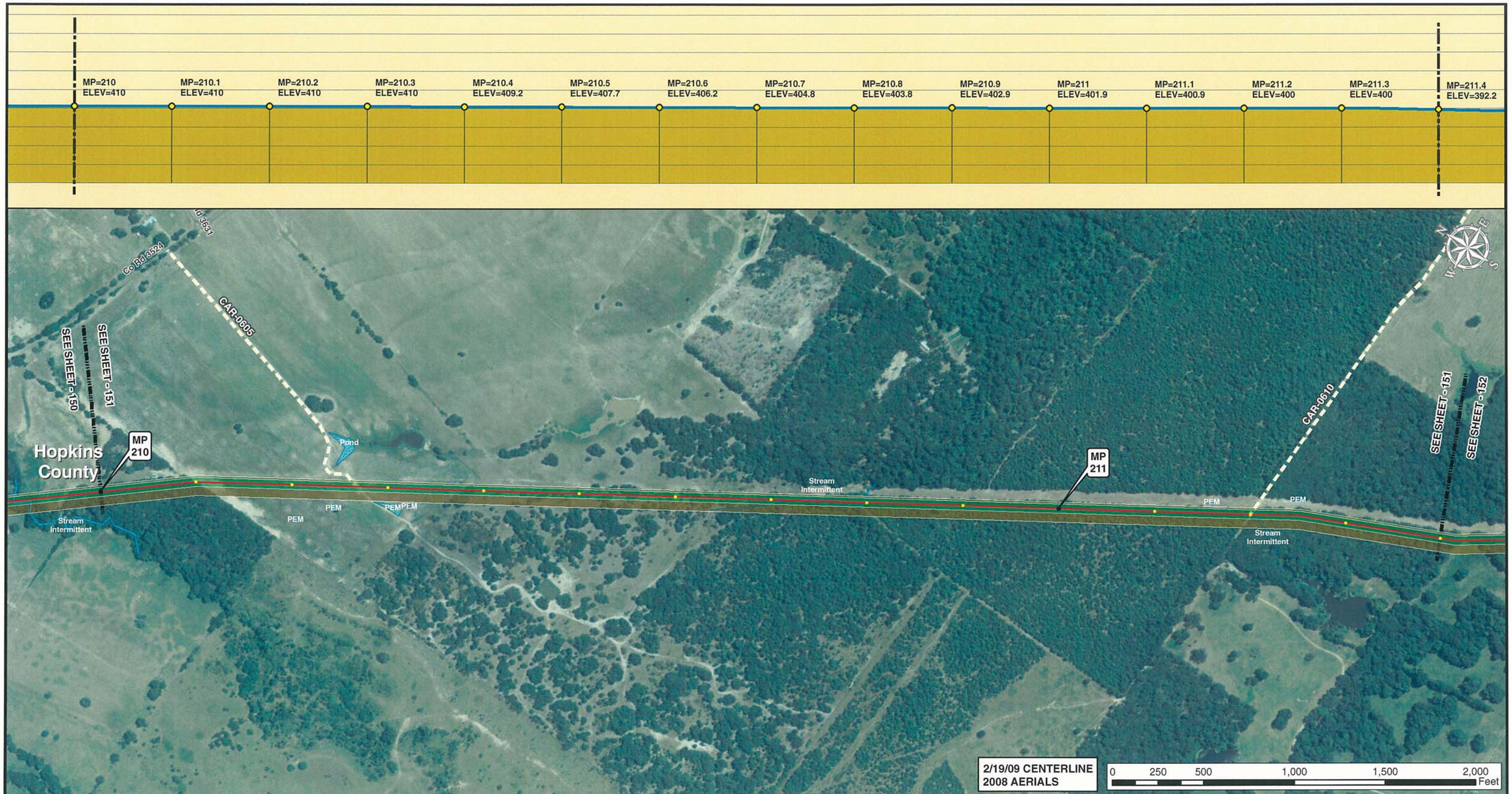
GS	SS	RG	50388X	XL-48 -ML-2002-P- 150-A	150	1



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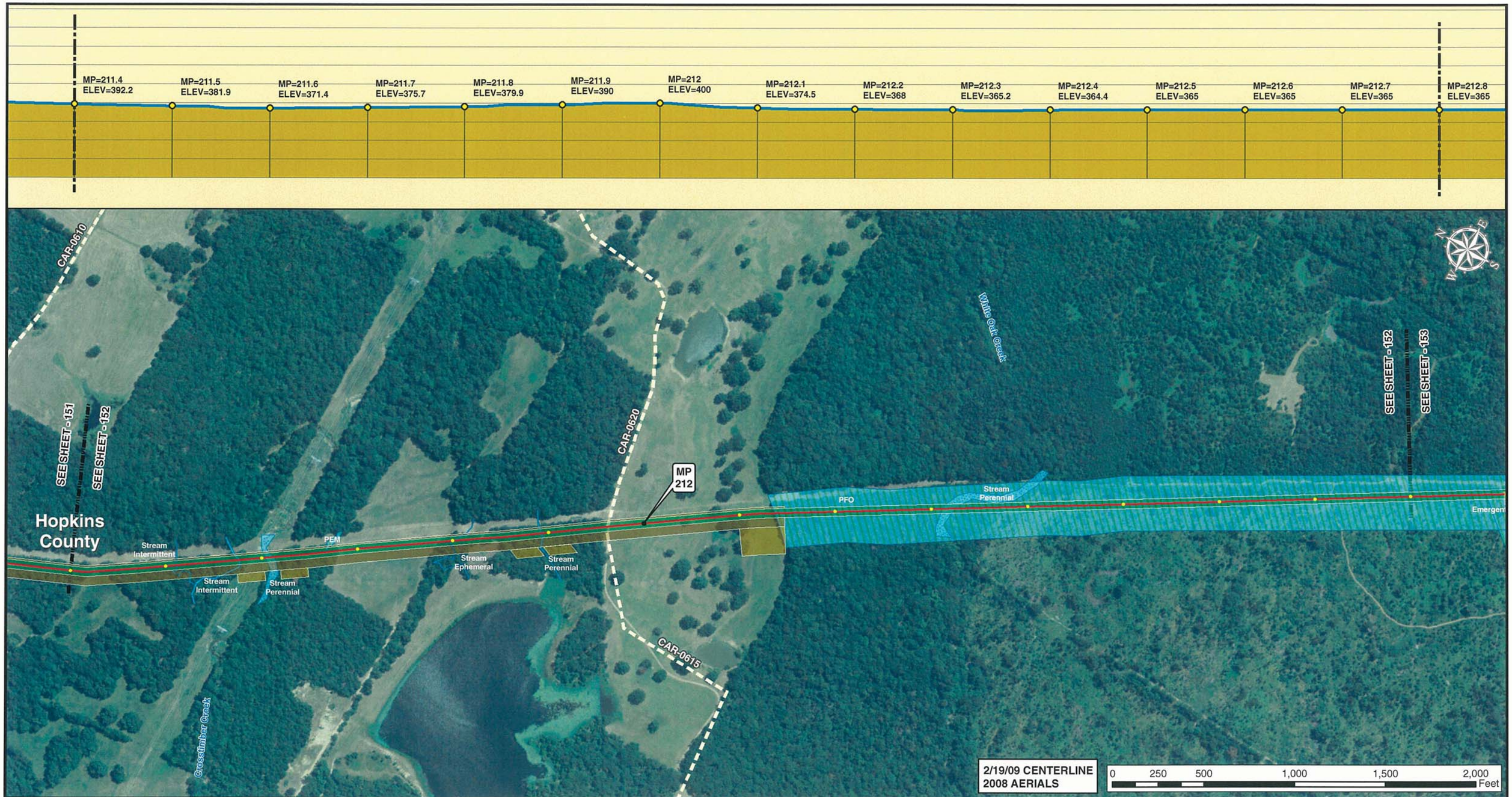
GS	SS	RG	50388X	XL-48 -ML-2002-P- 151-A	151	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE

PREPARED BY:
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1300 Metropolitan Boulevard, Suite 200
Tallahassee, Florida , USA 32308
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0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

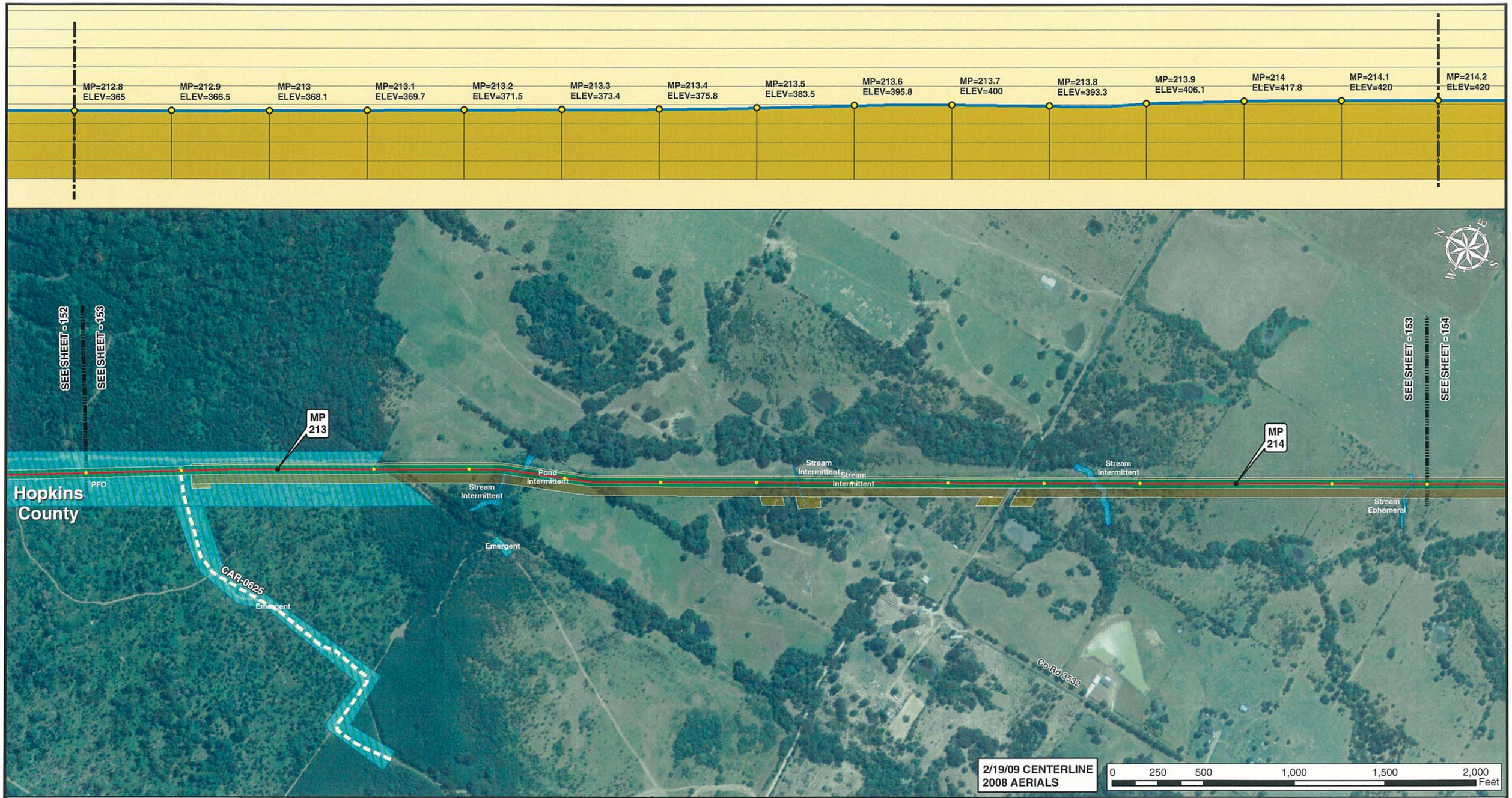
ConocoPhillips

TransCanada
In business to deliver

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
HOPKINS COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 152-A	152	1



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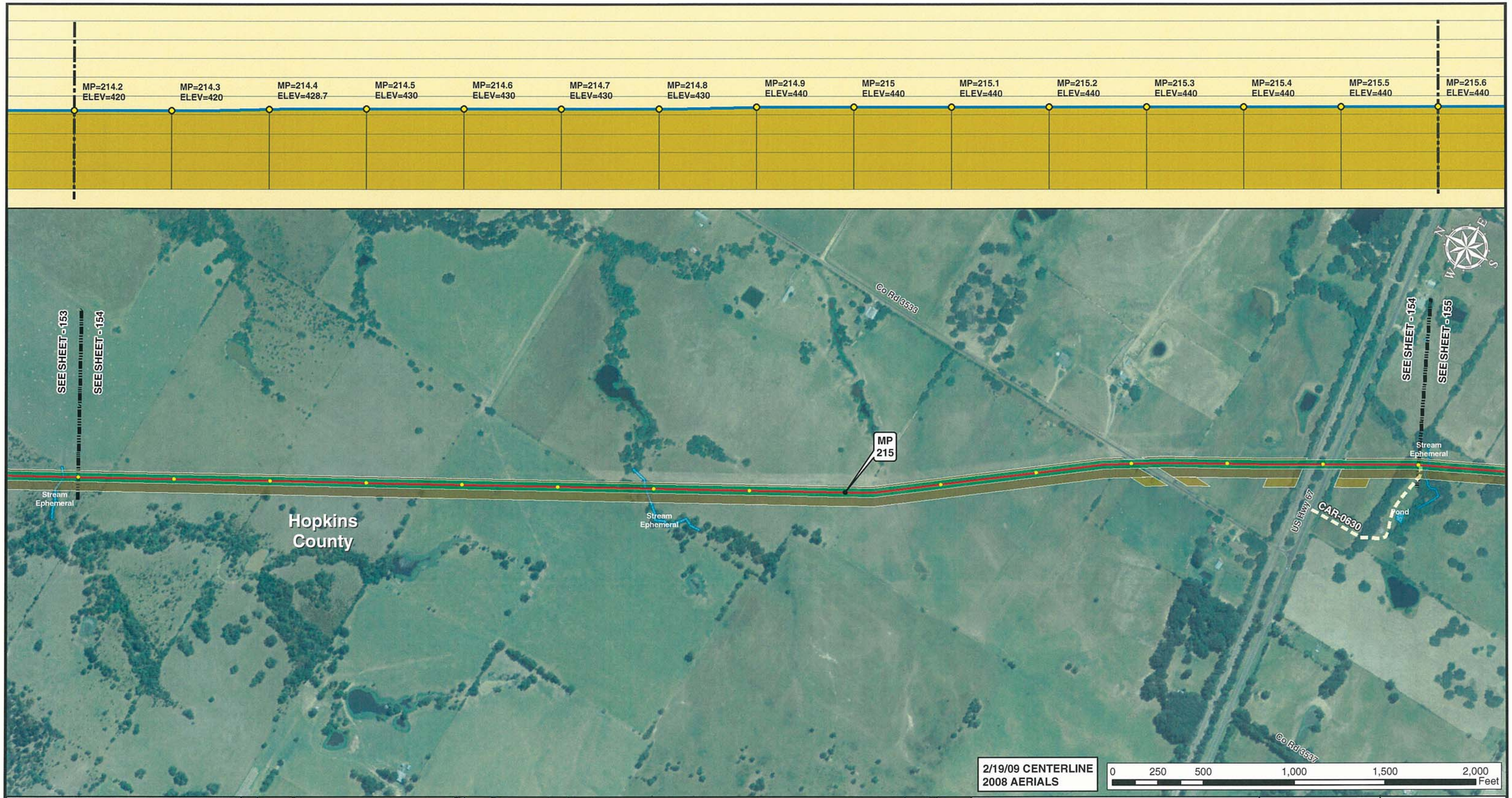

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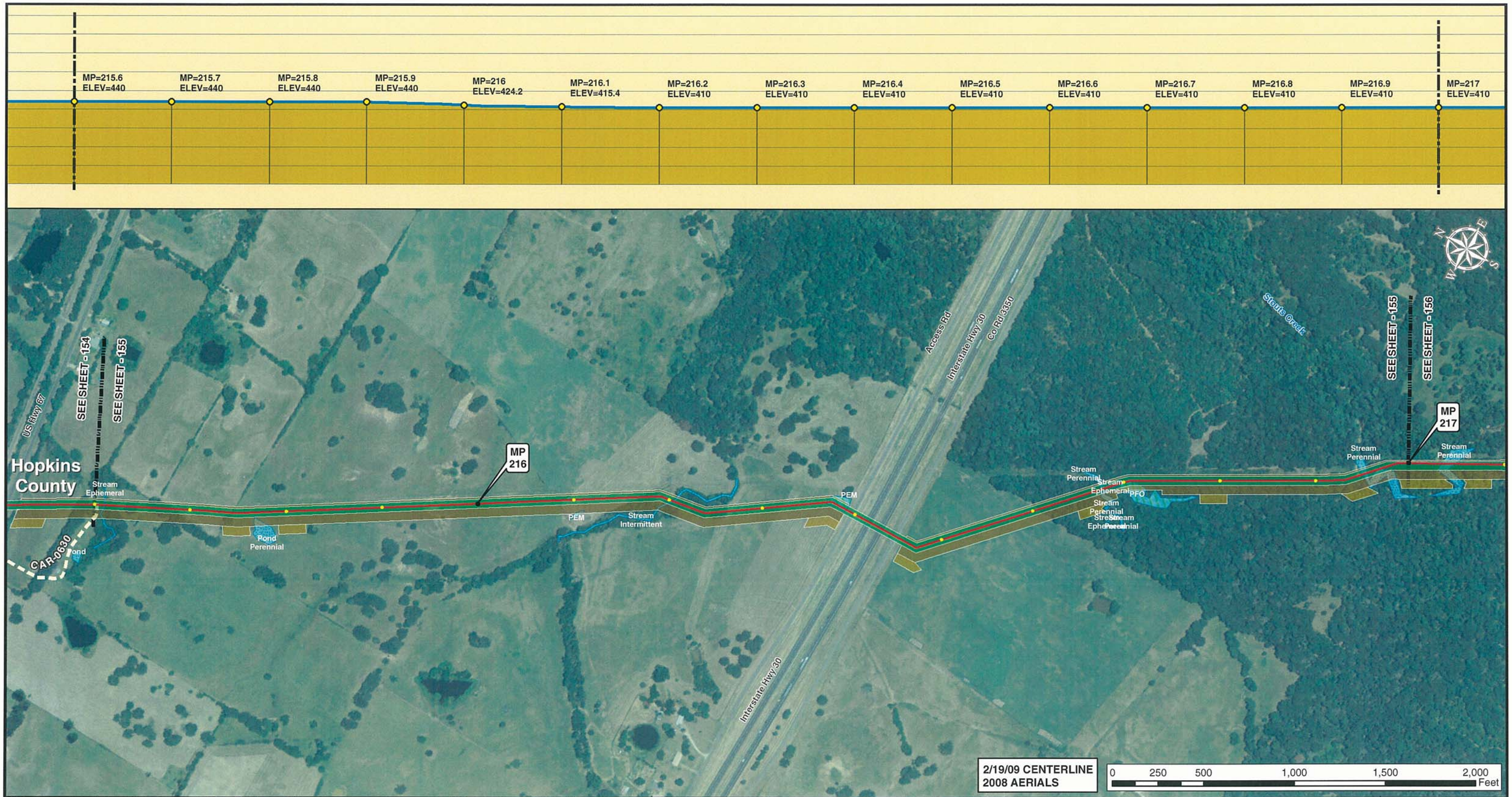

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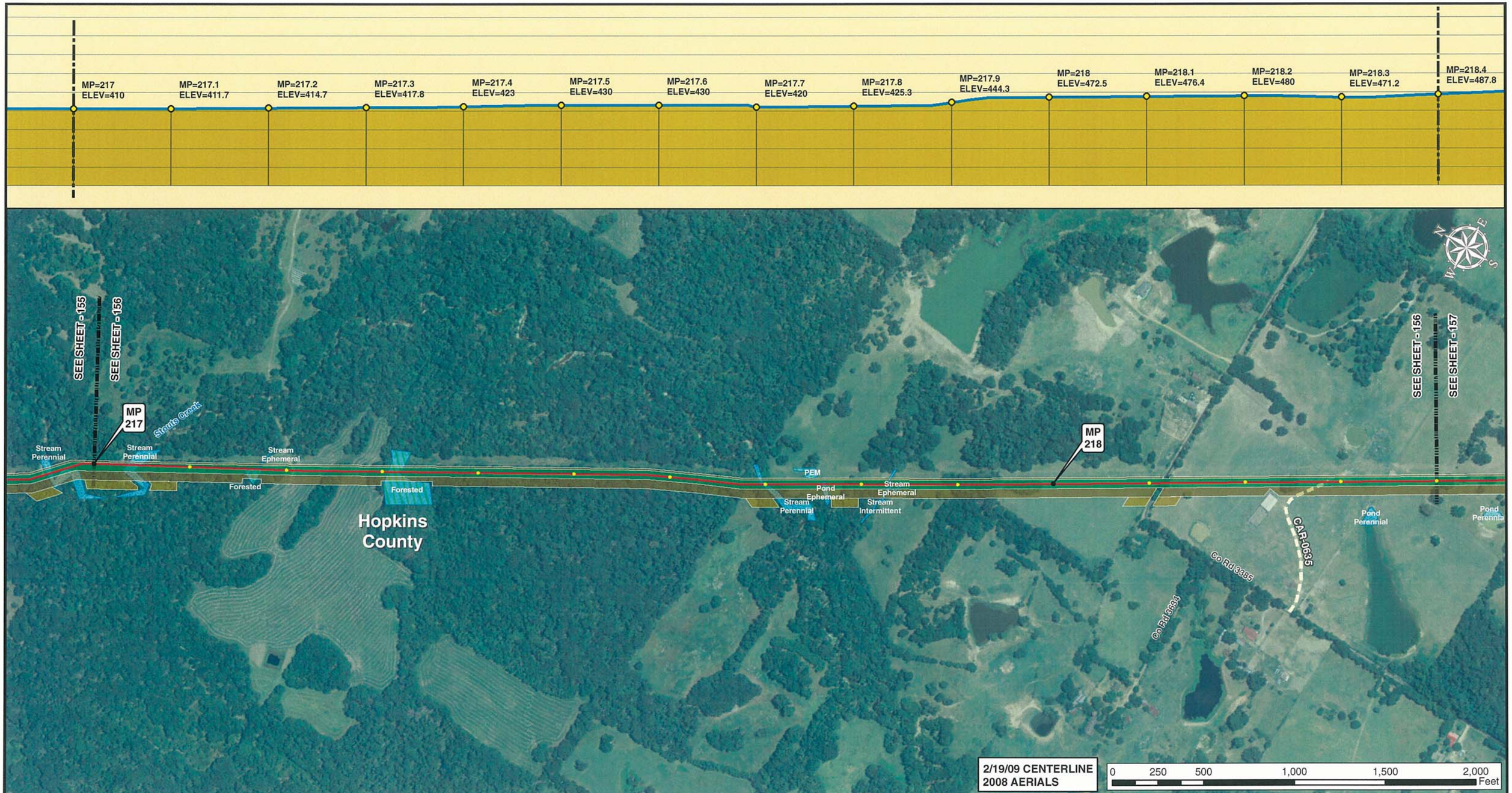

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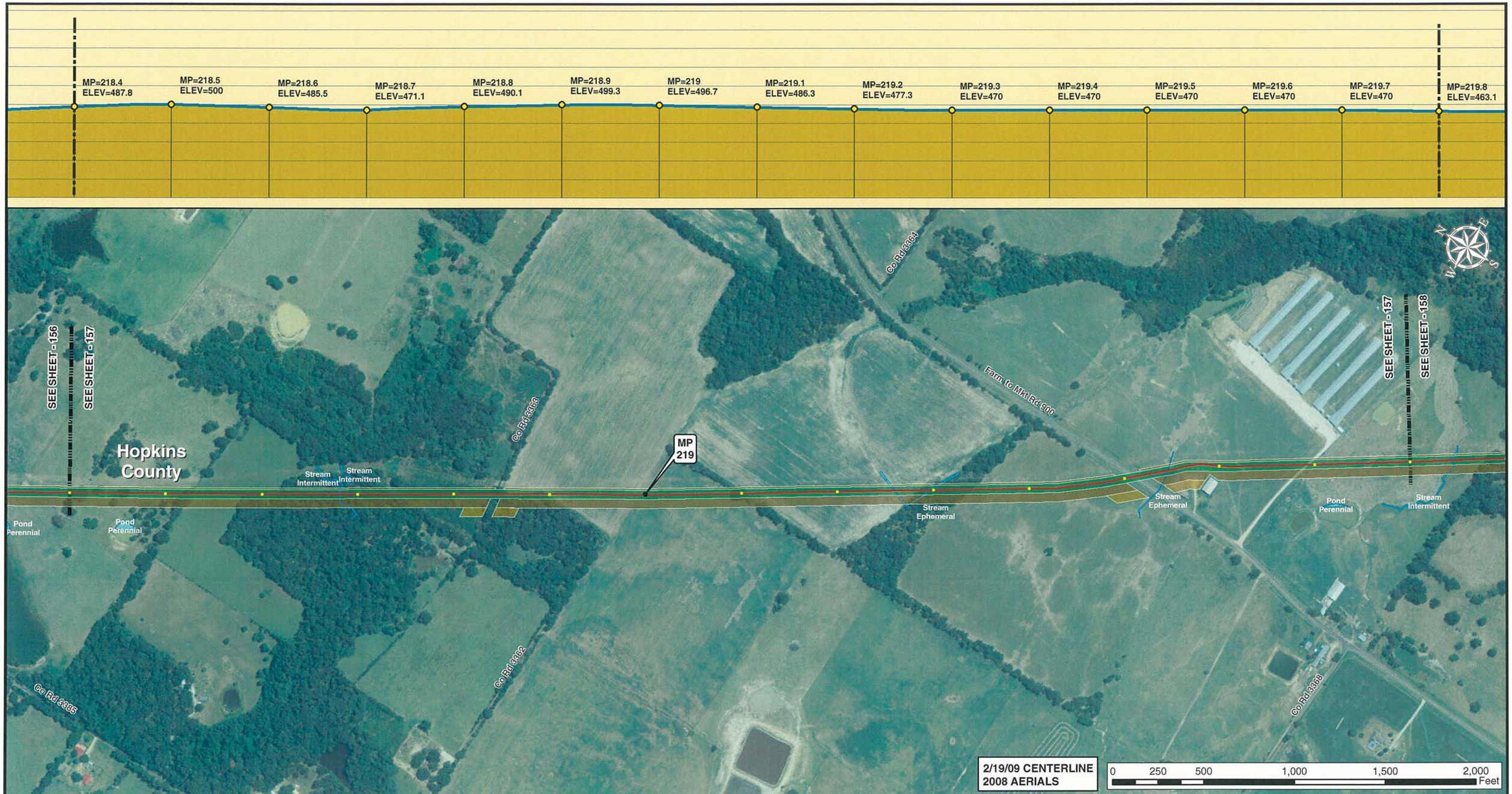

2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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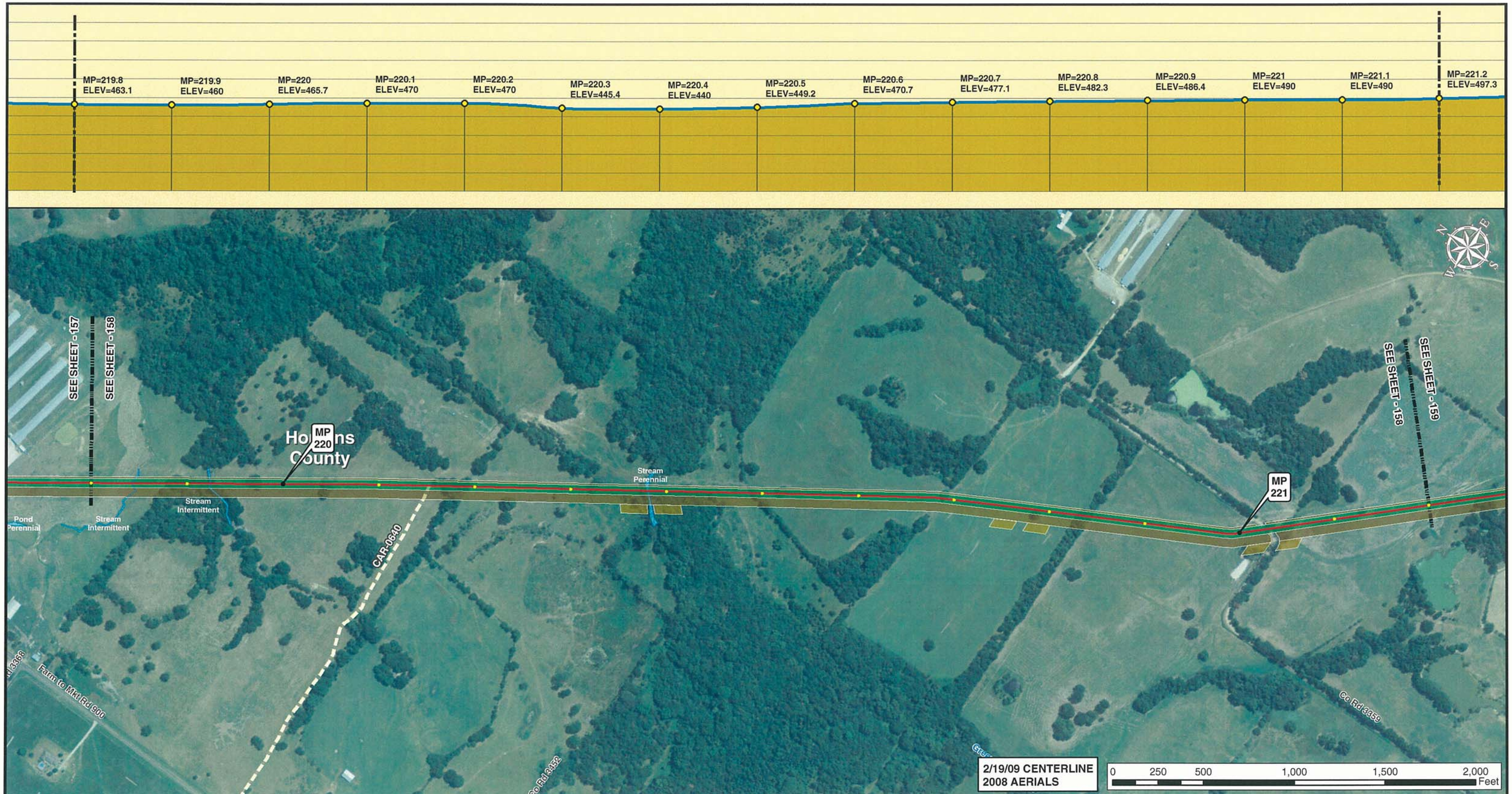

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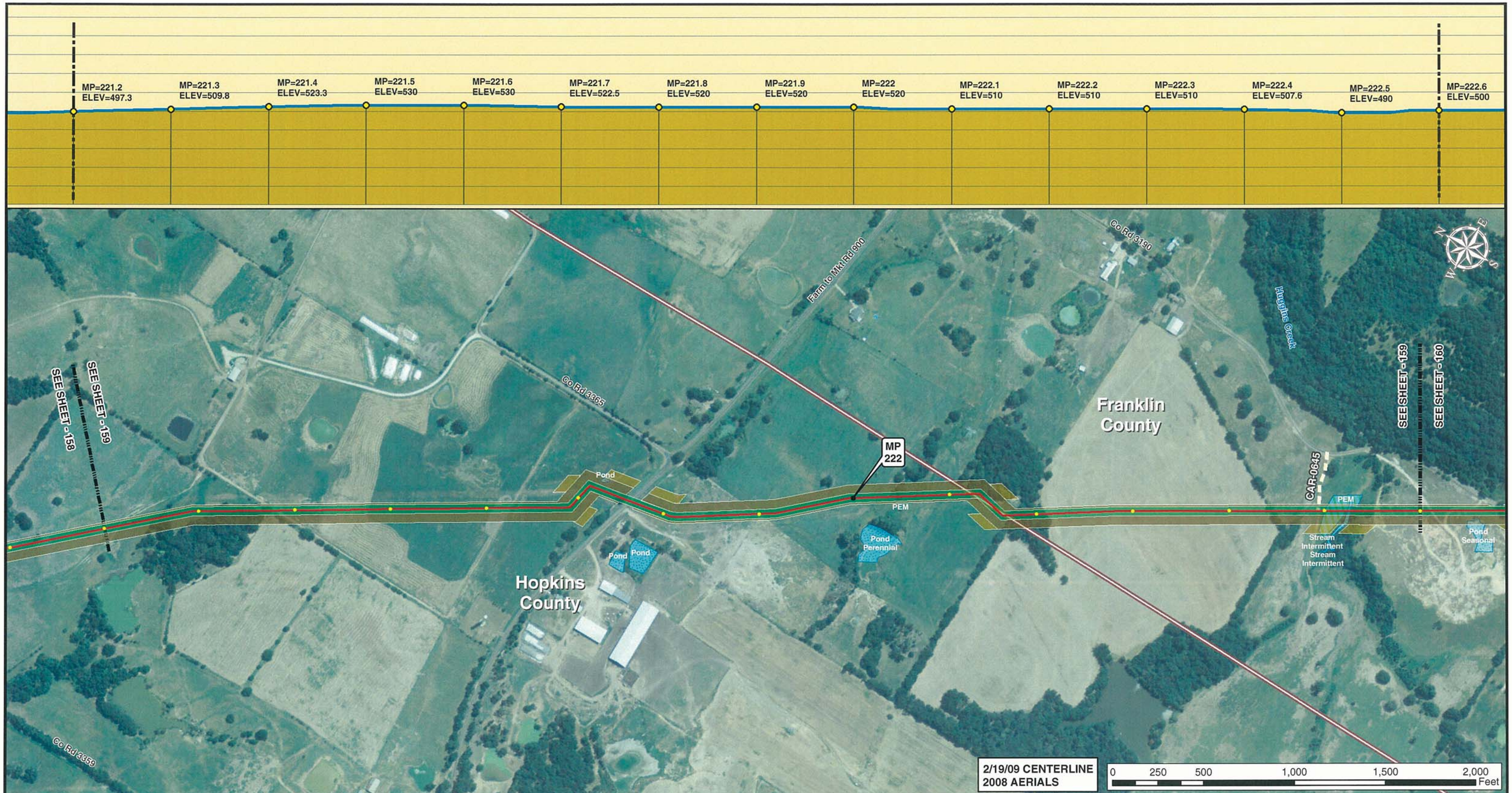

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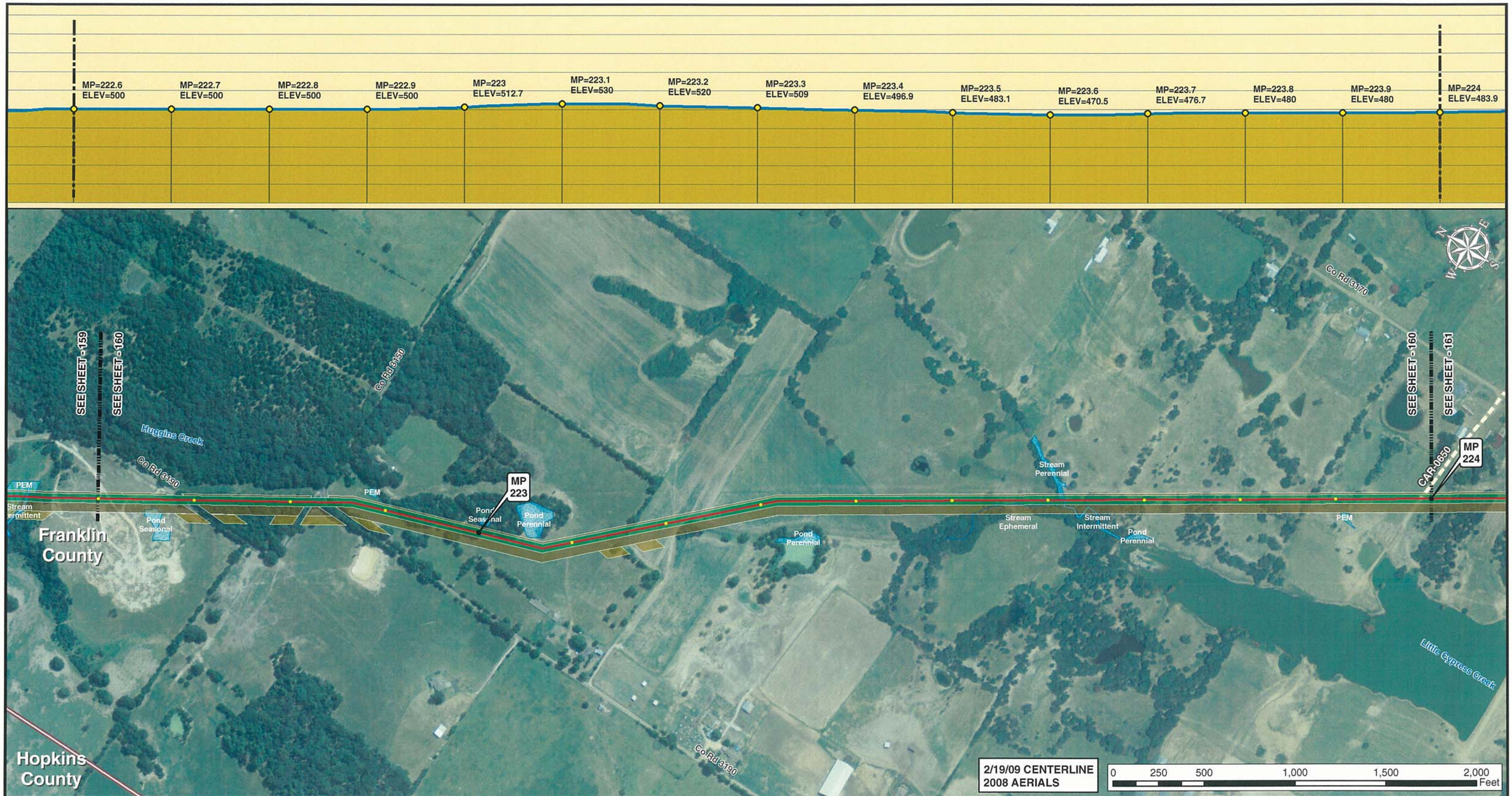

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FRANKLIN COUNTY, TEXAS

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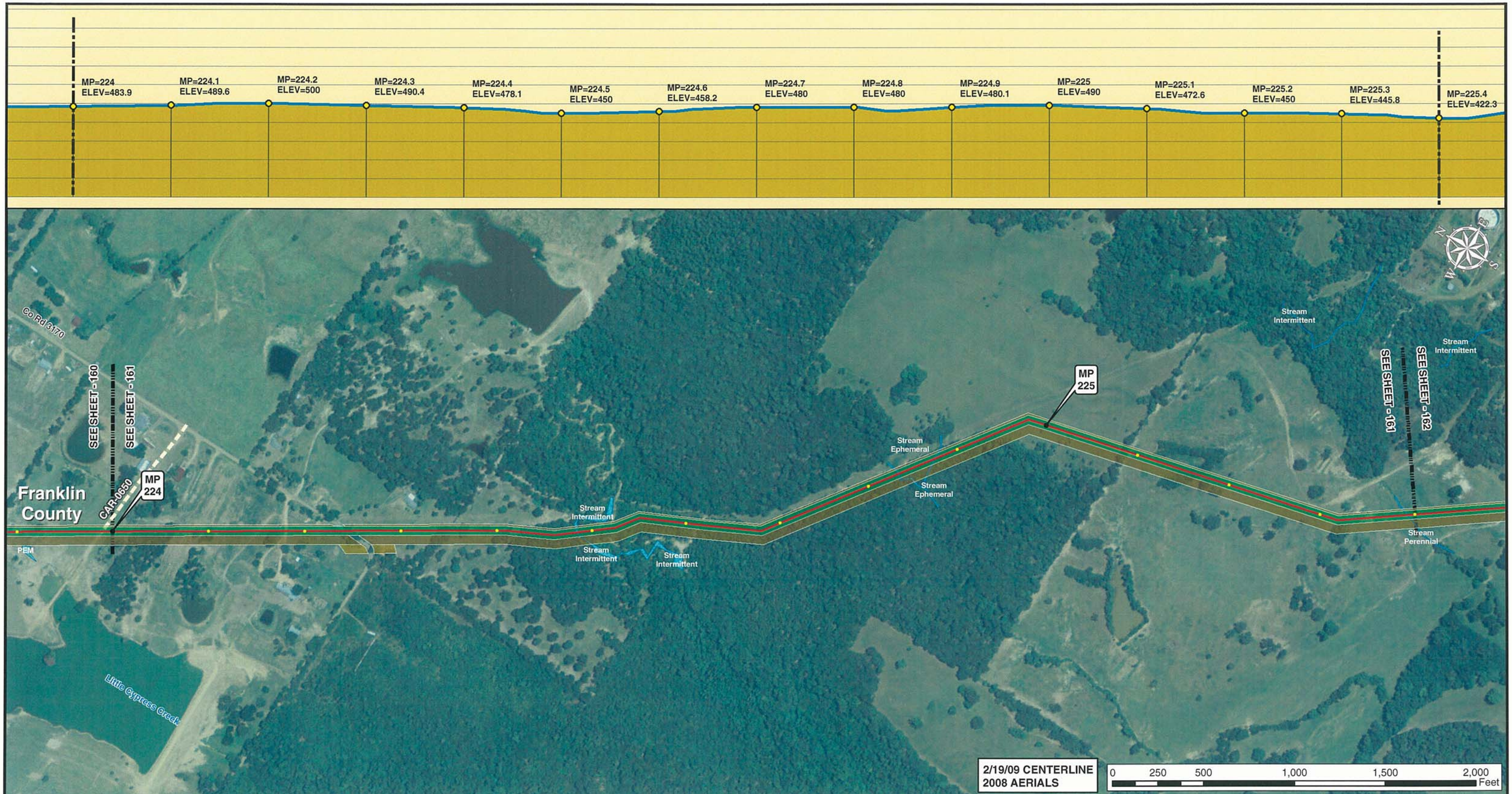

2/19/09 CENTERLINE
2008 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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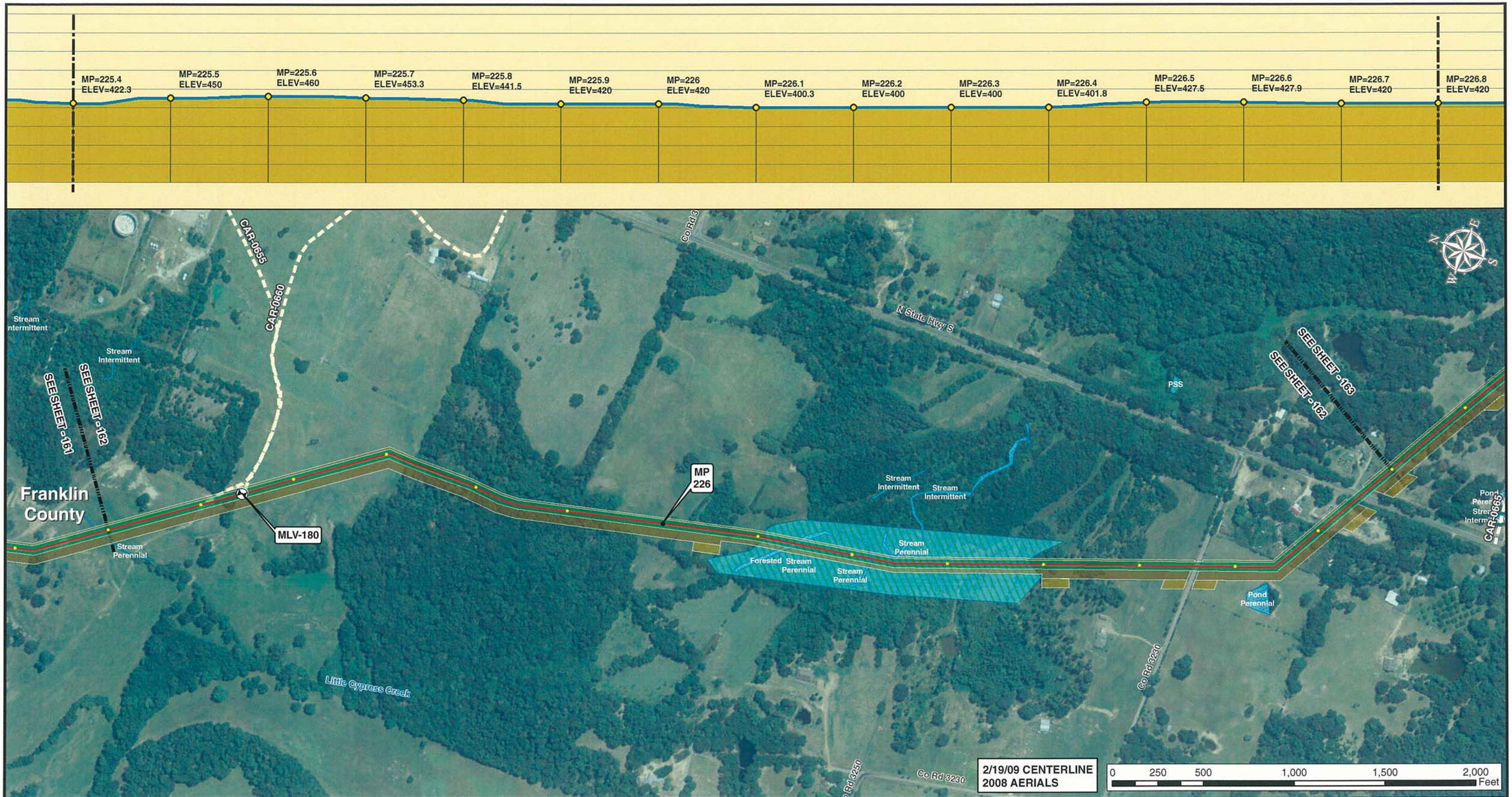

2/19/09 CENTERLINE
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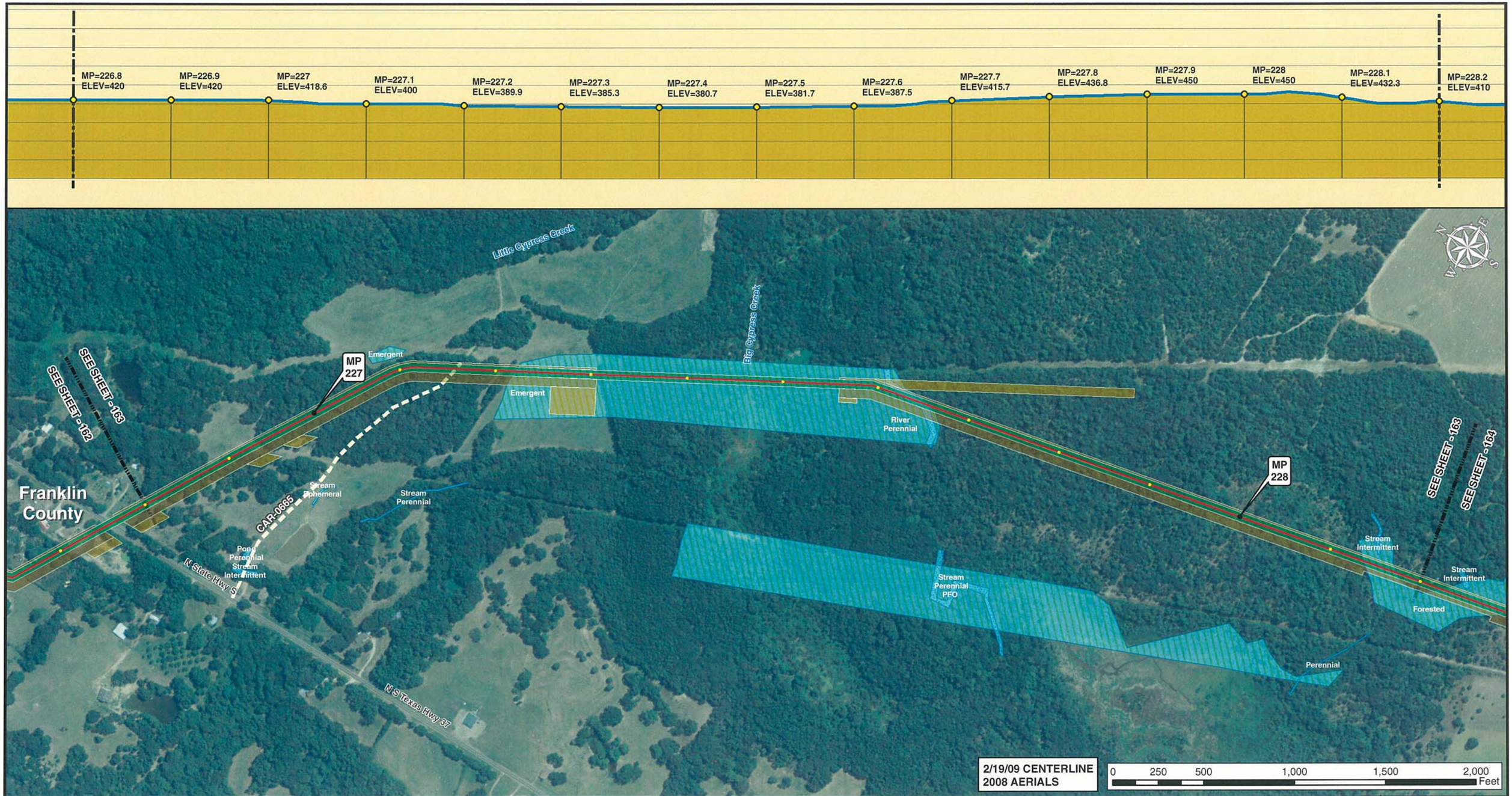

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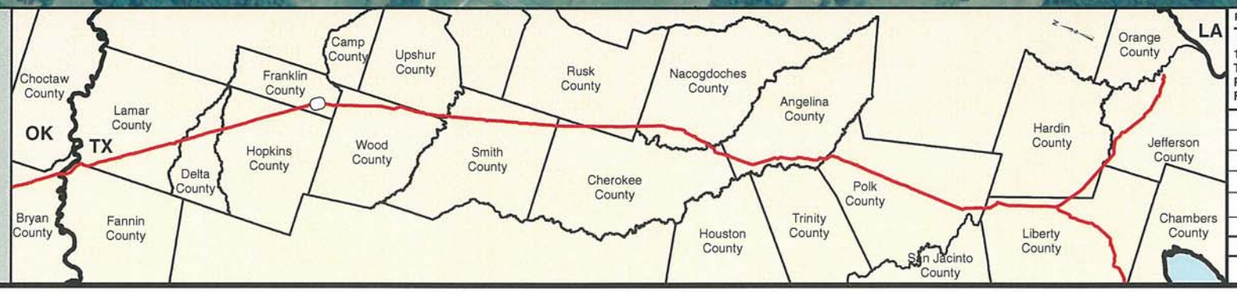

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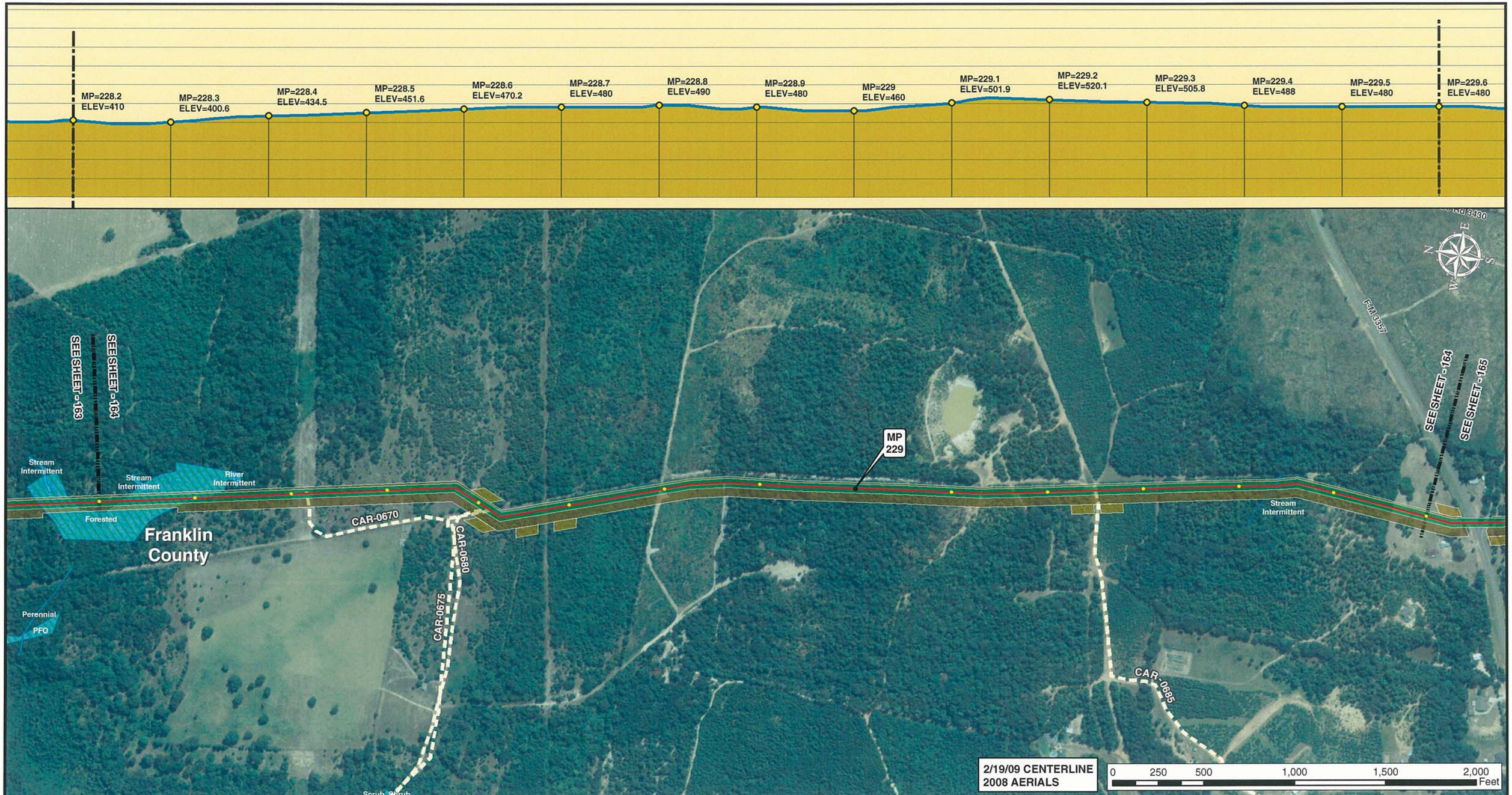

2/19/09 CENTERLINE
2008 AERIALS

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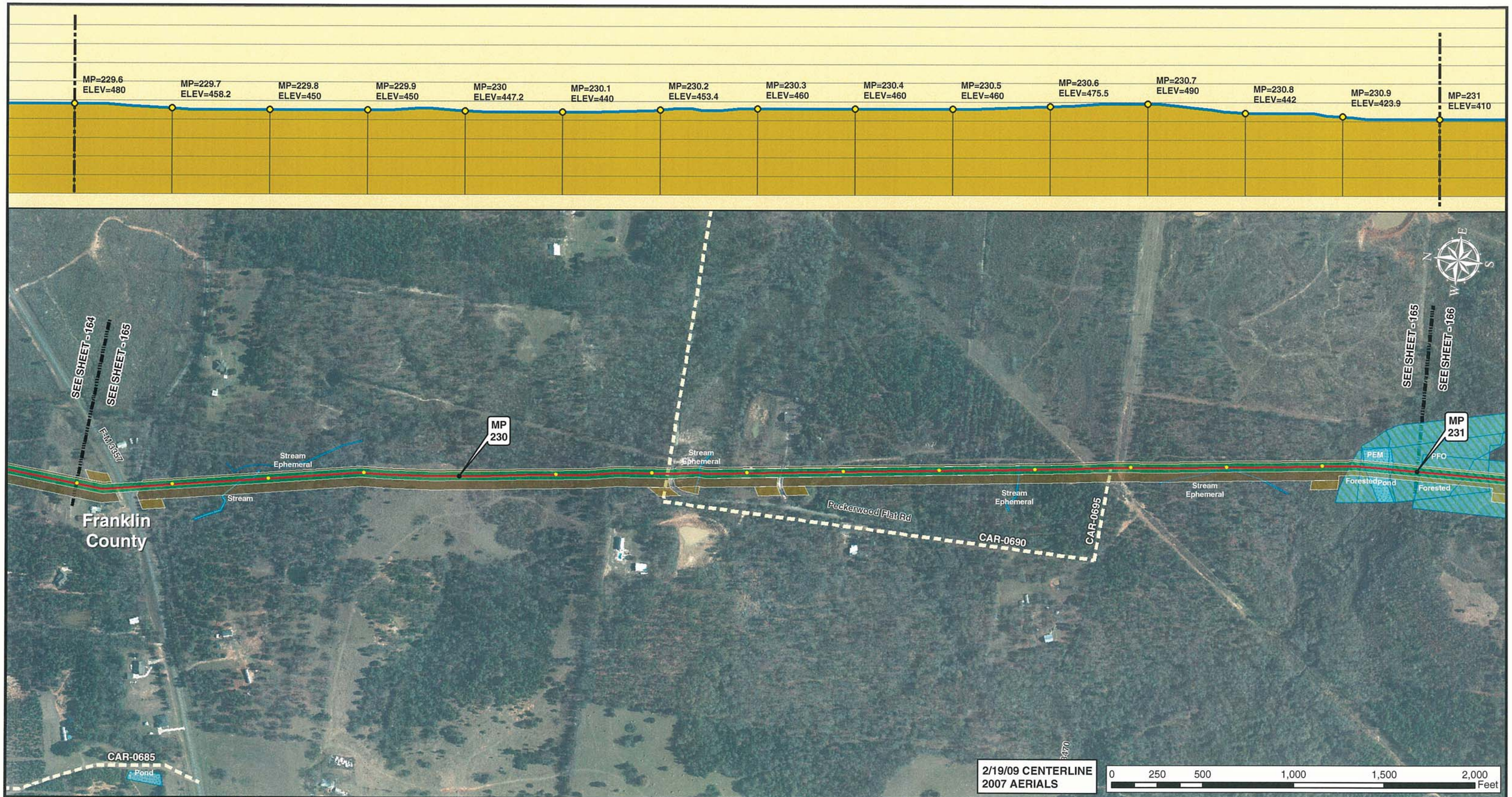

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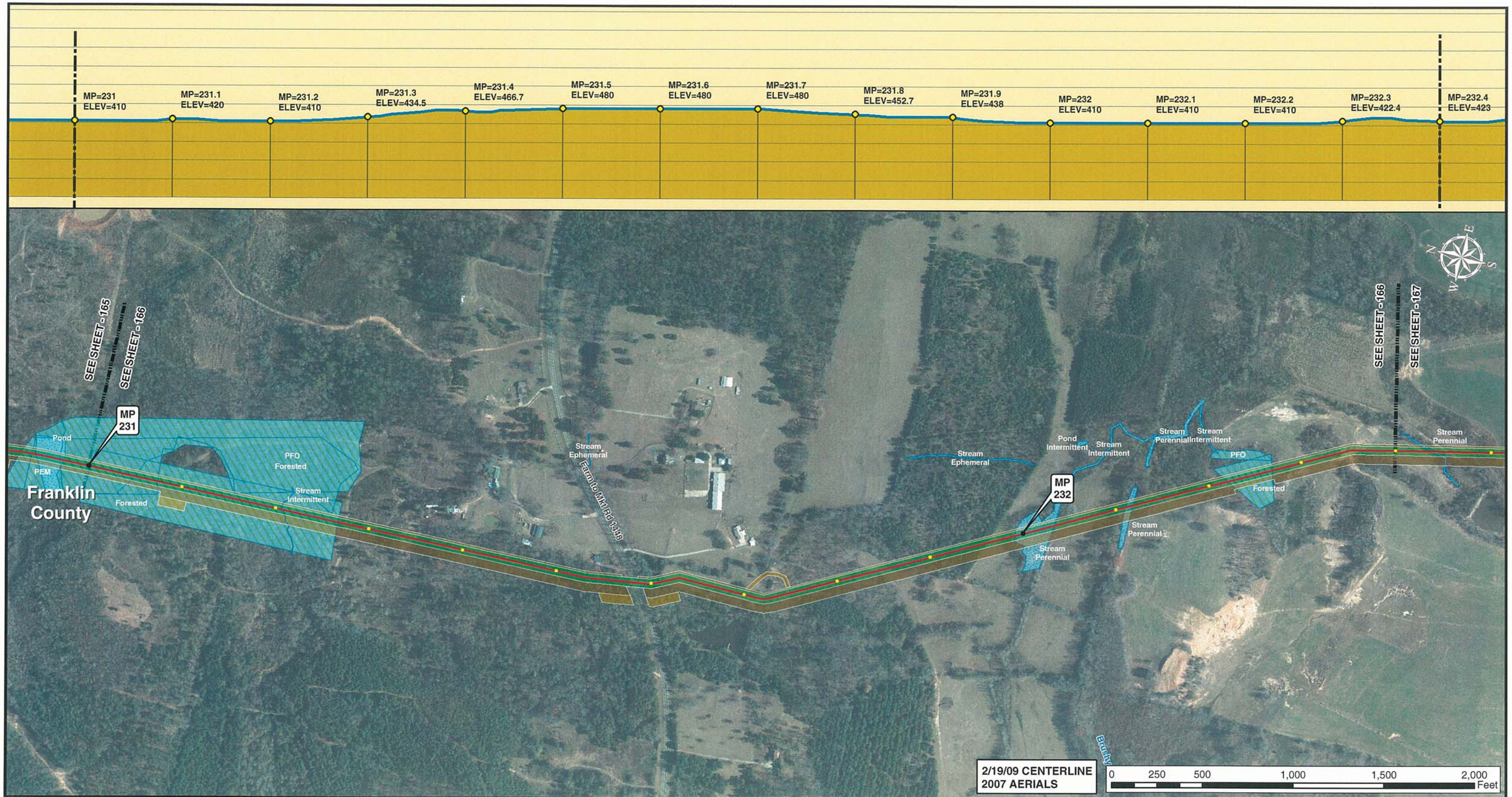

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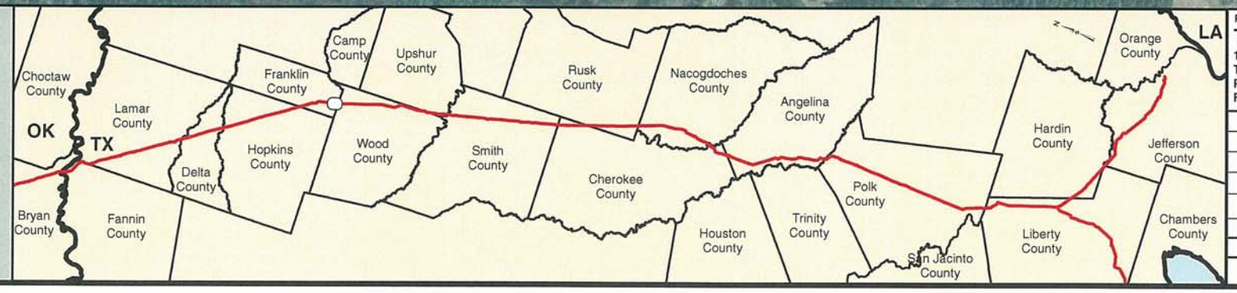
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE



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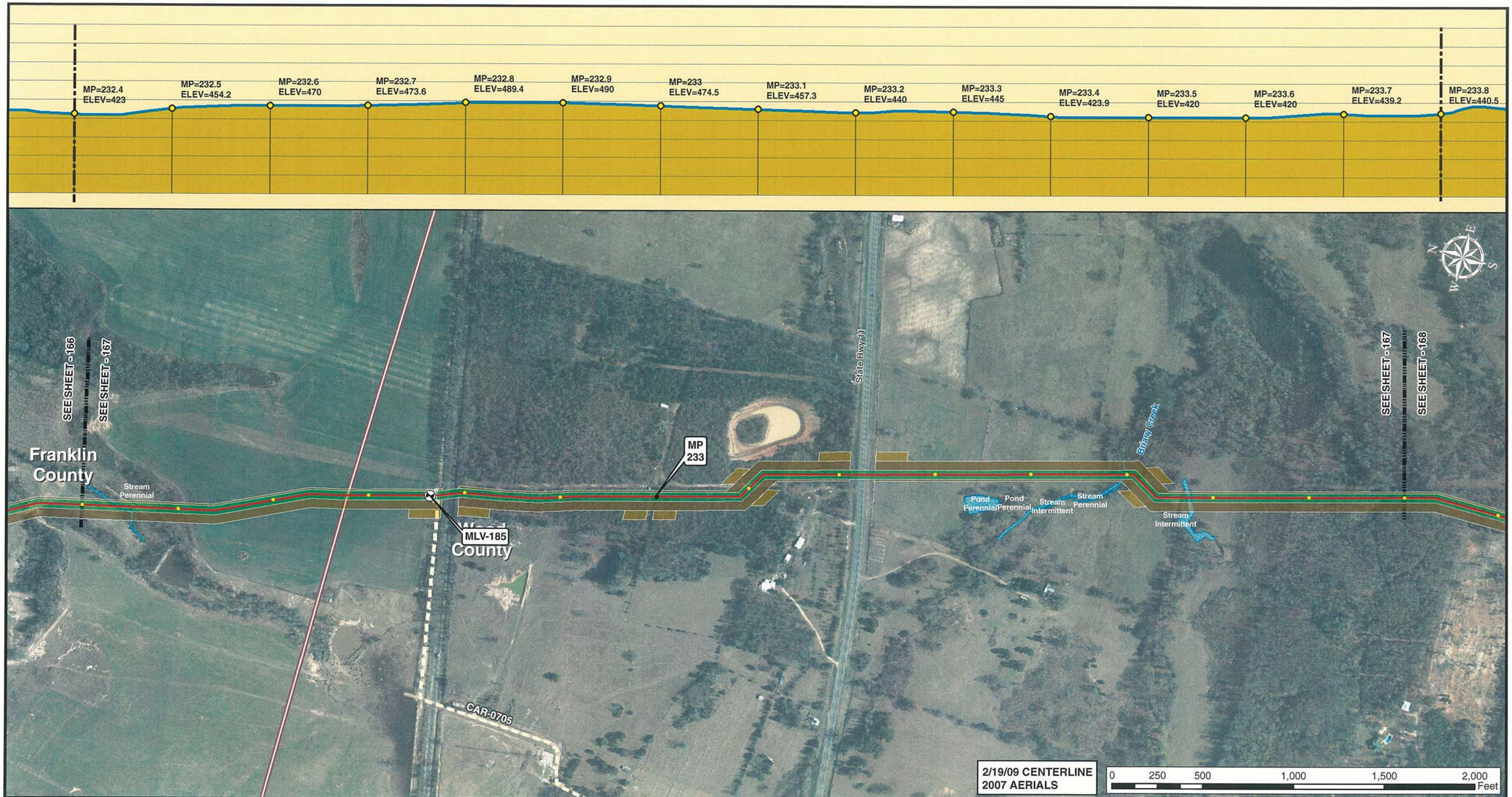
1	ISSUED FOR SUPPLEMENTAL U.S. DEPT. OF STATE FILING (2.19.09 CL)	7.6.09
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
FRANKLIN COUNTY, TEXAS

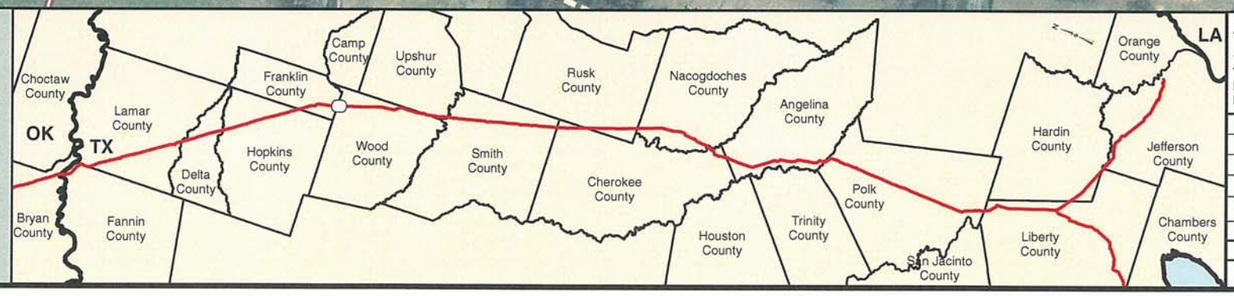
MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 166-A	166	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE



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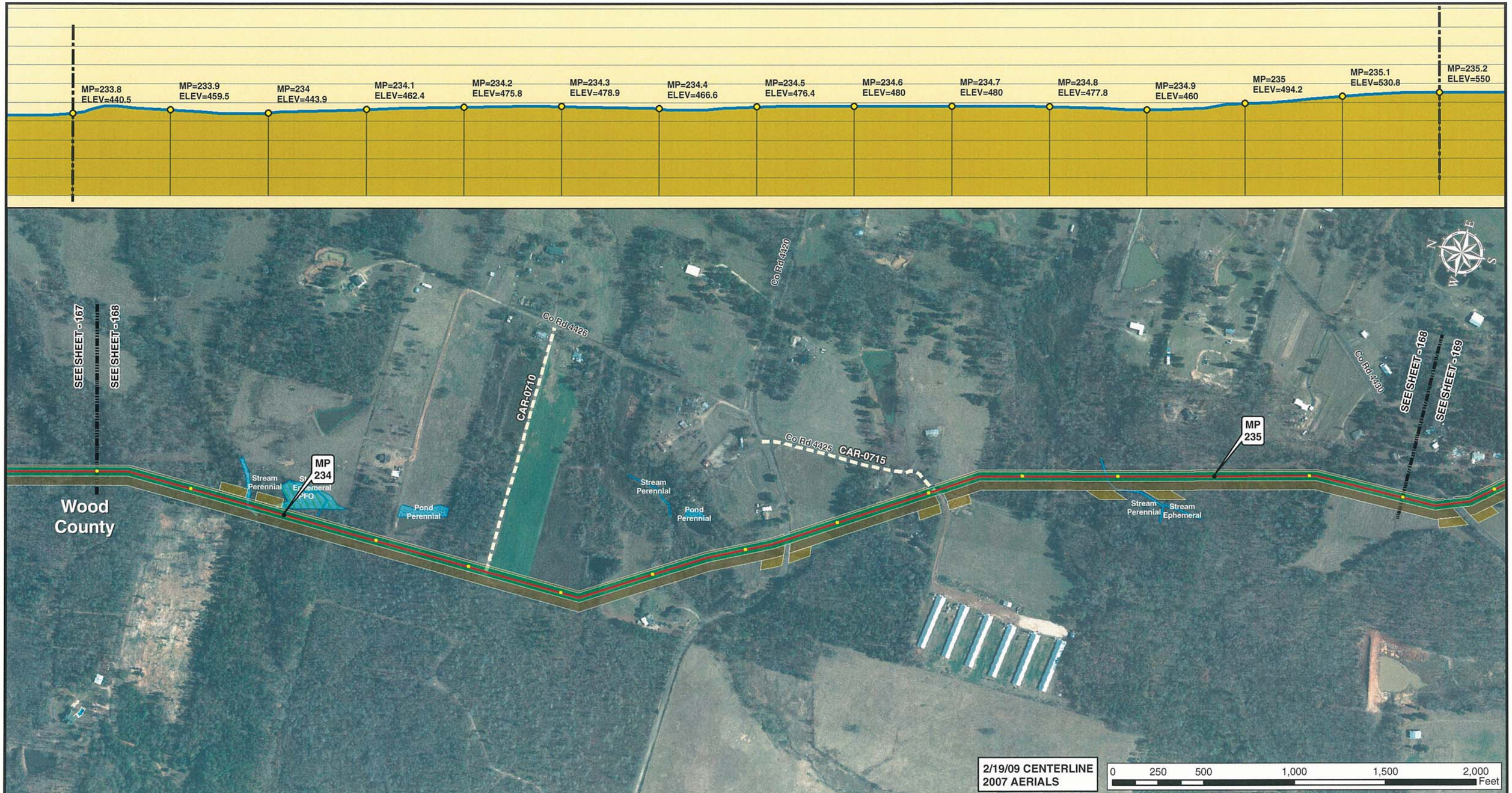
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 167-A	167	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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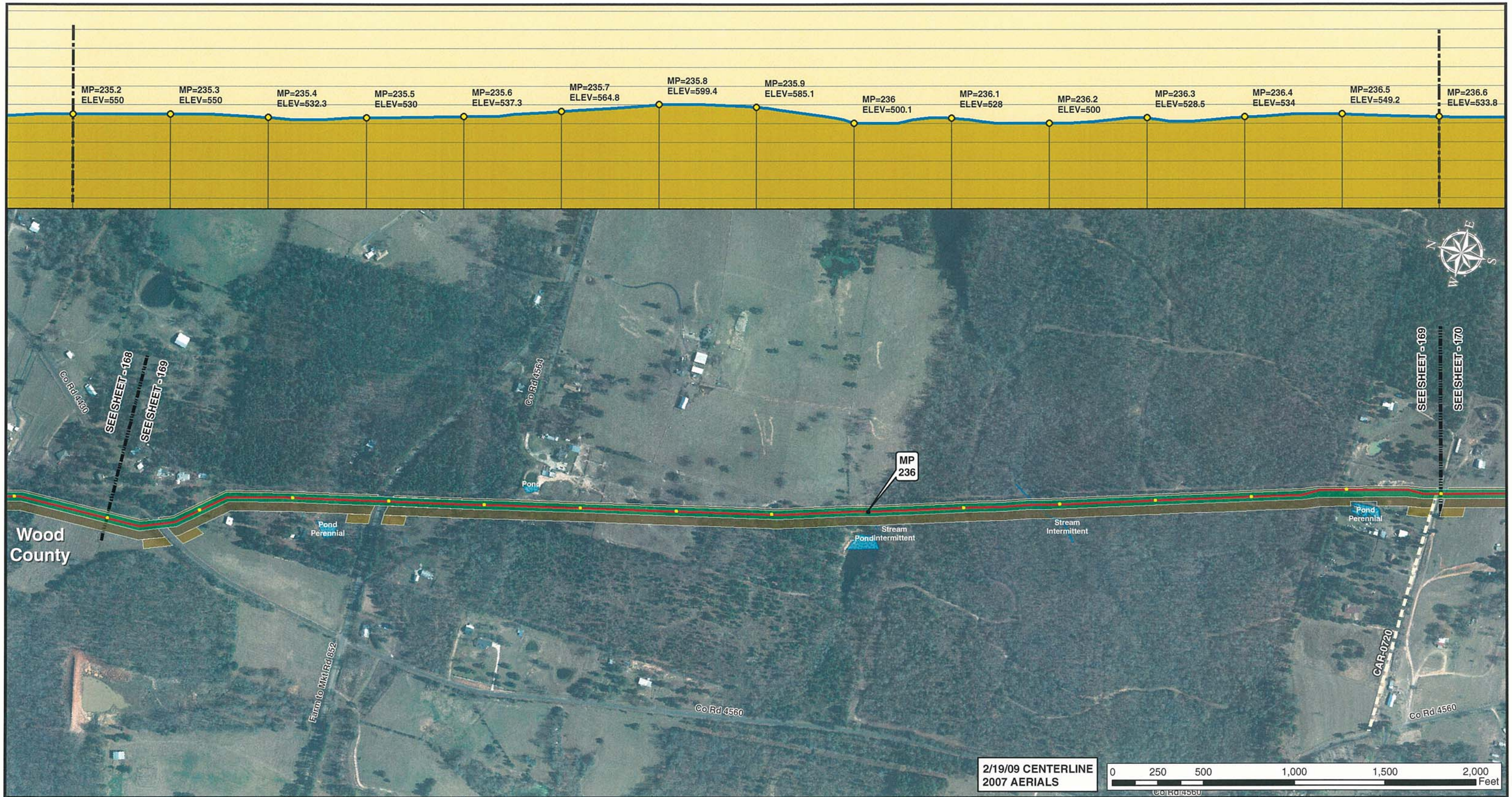
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 168-A	168	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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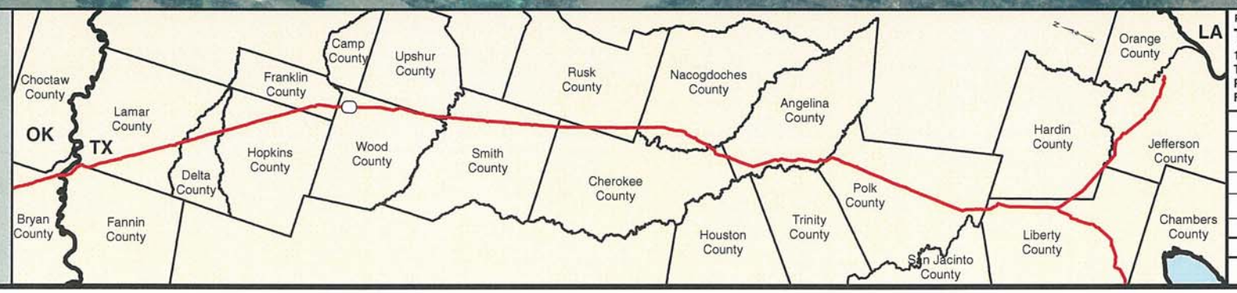

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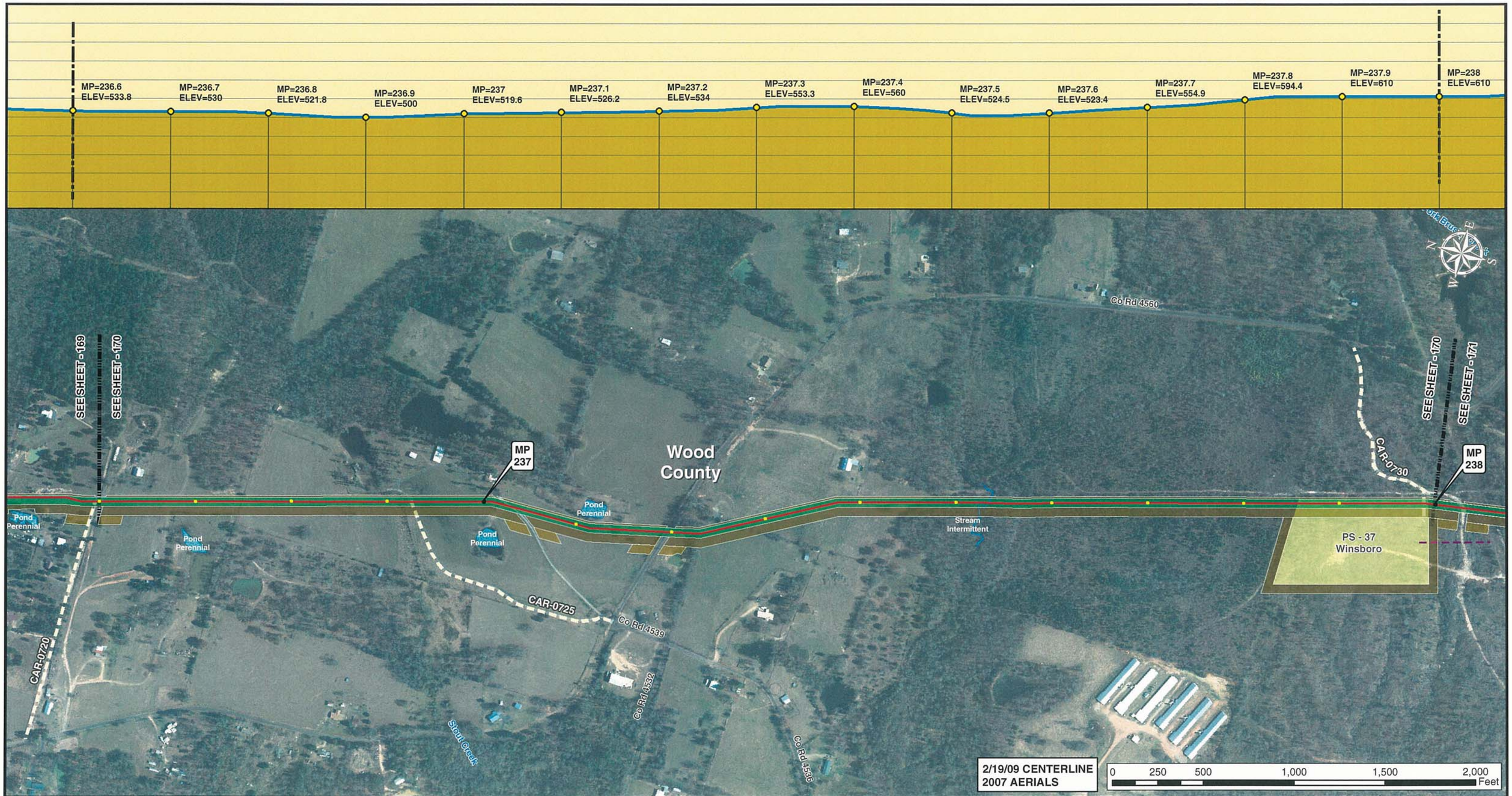
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 169-A	169	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
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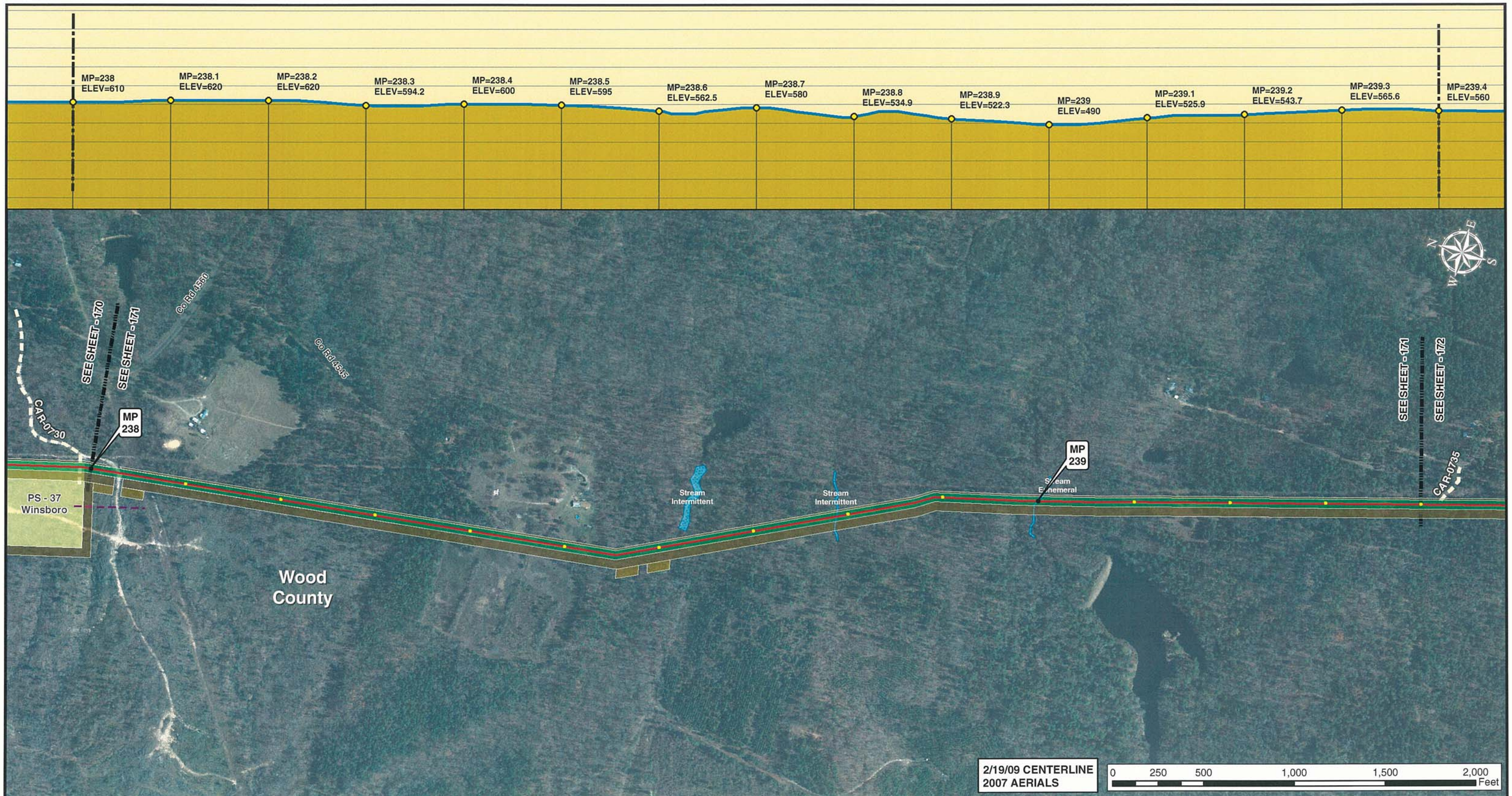
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 170-A	170	1



Legend

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- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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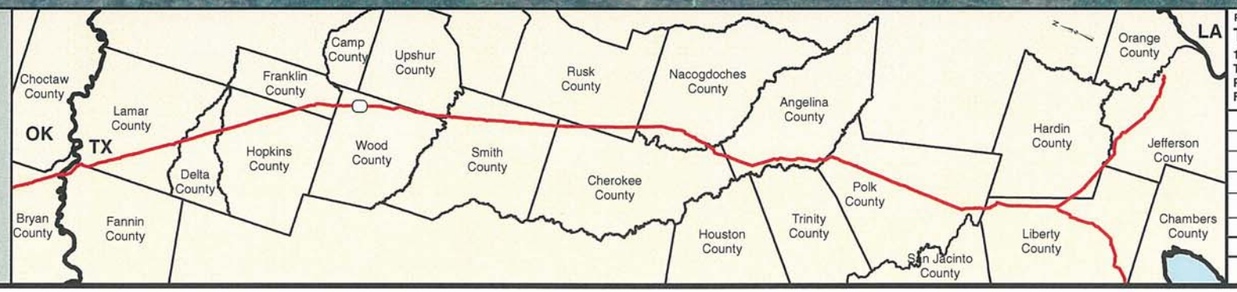

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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
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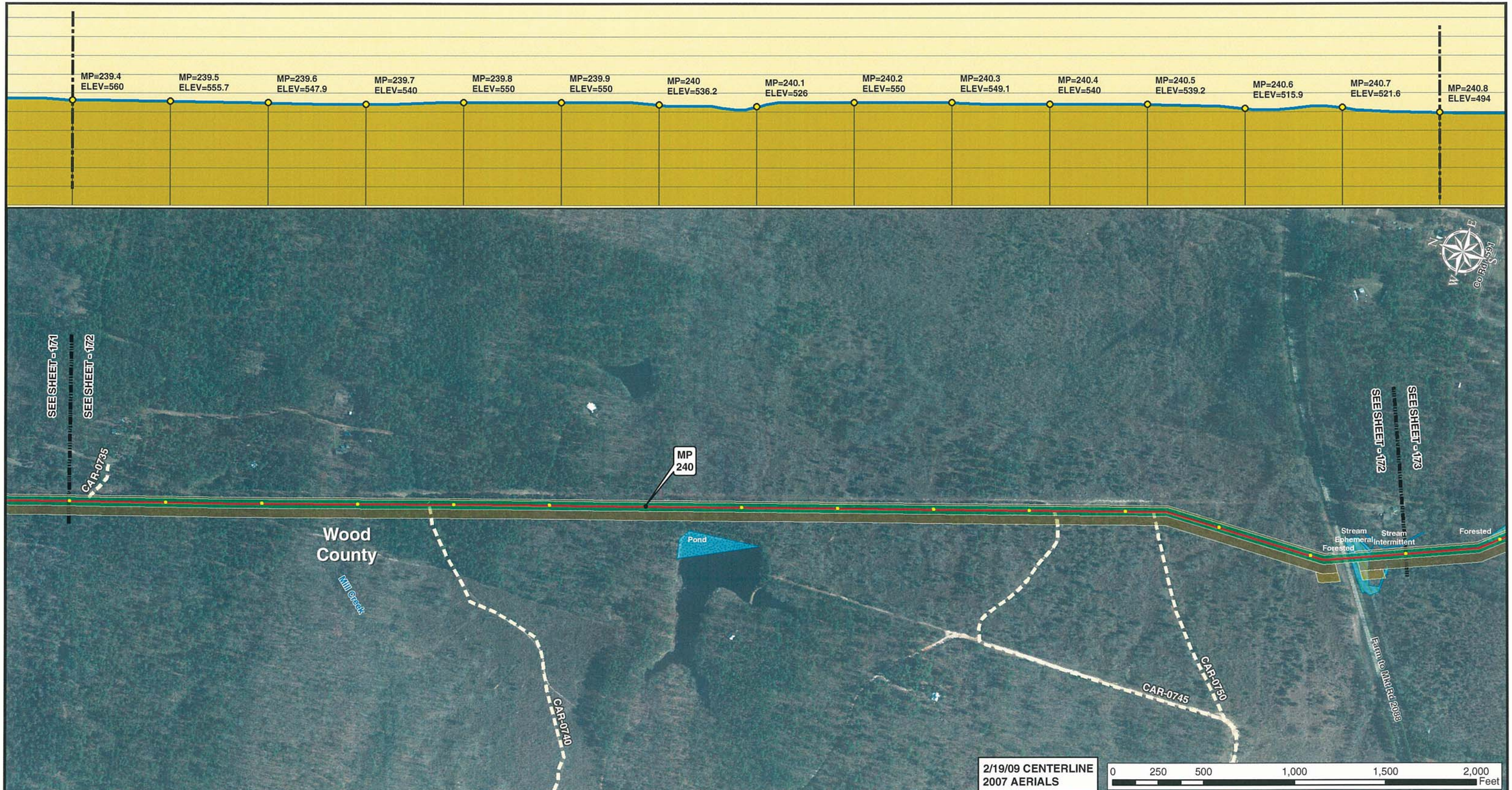
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 171-A	171	1



Legend

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- KEYSTONE XL PROJECT
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ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
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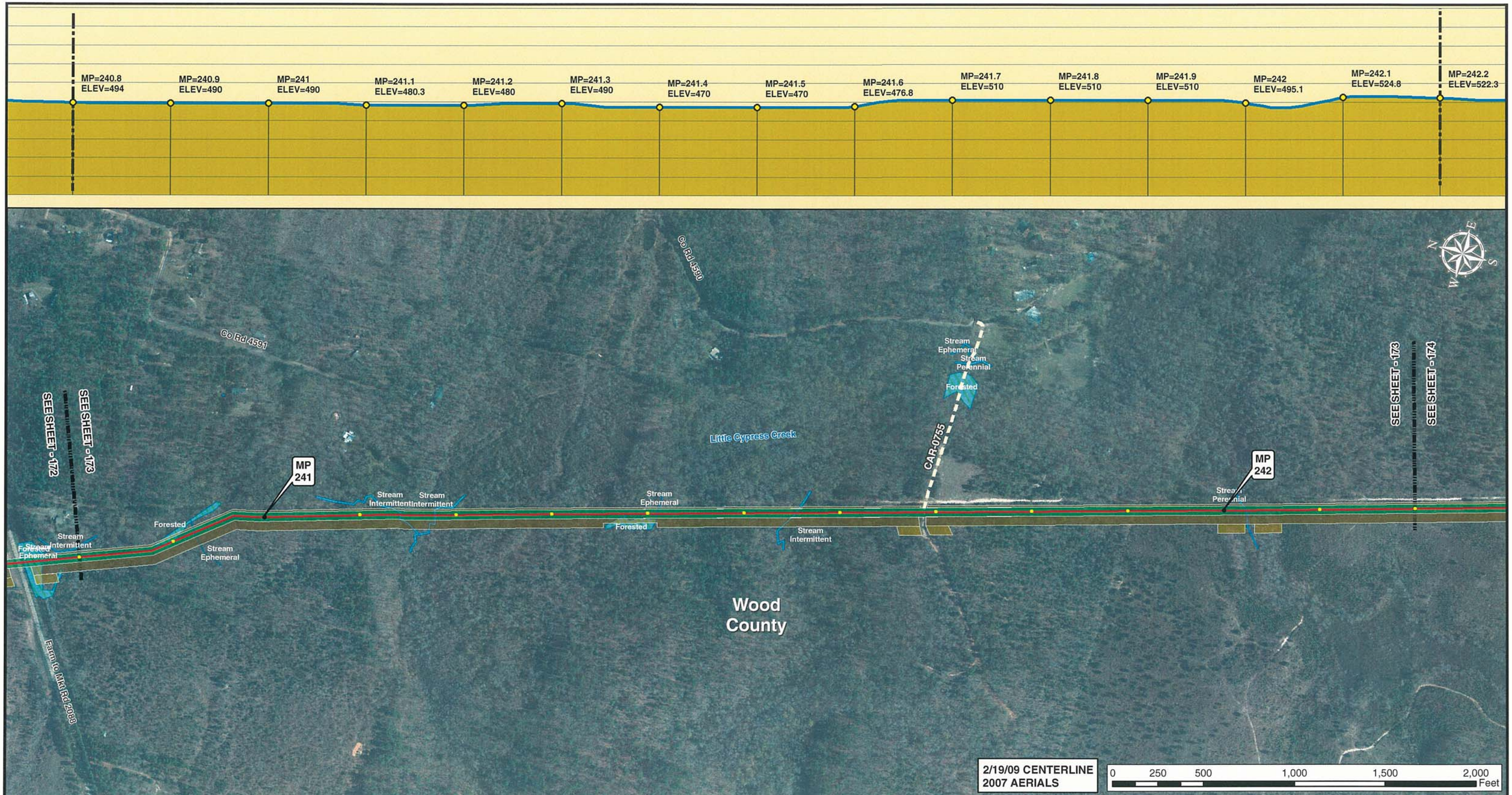
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 172-A	172	1



Legend

- MILE POST
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- VALVE
- KEYSTONE XL PROJECT
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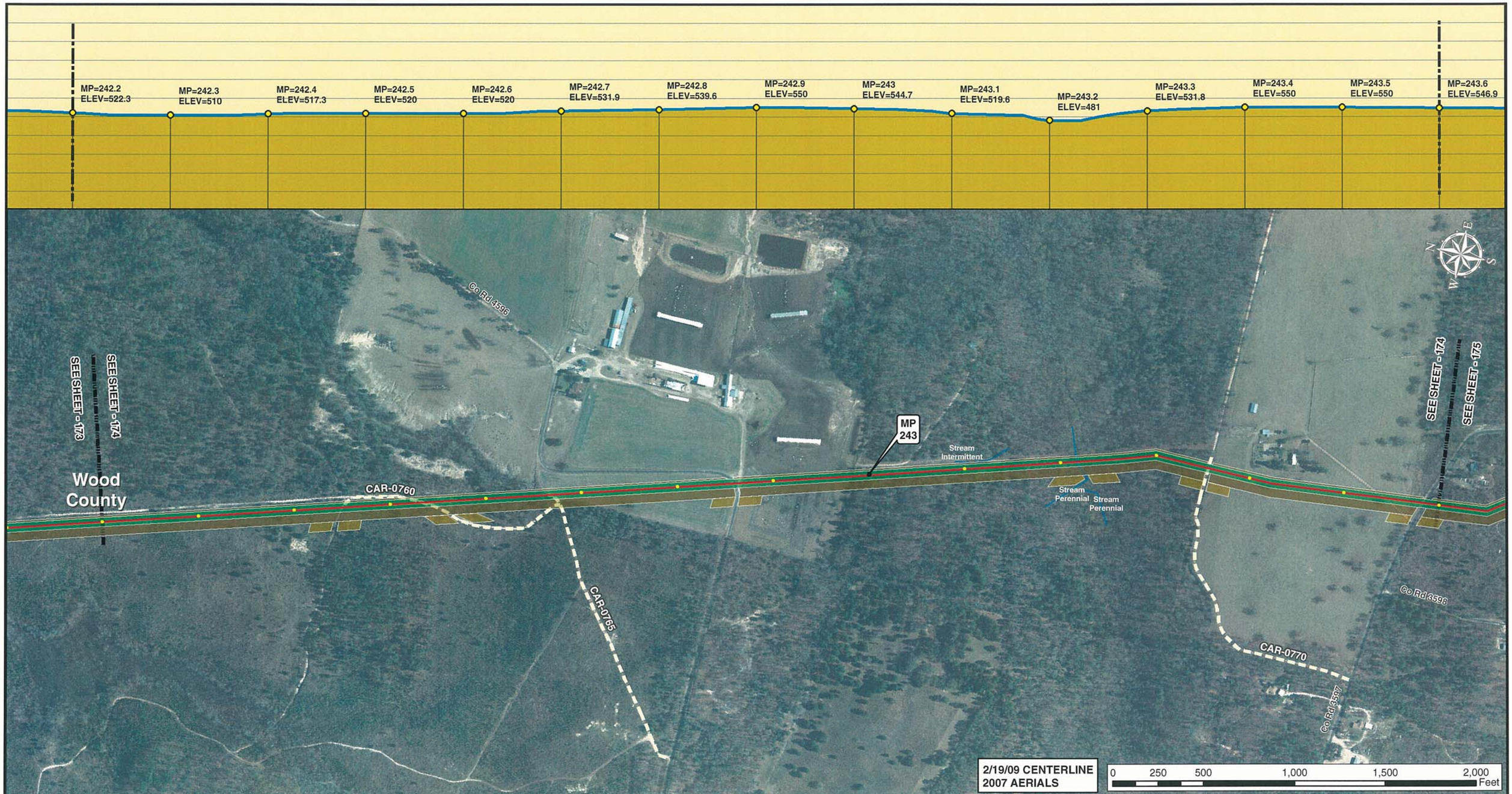
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 173-A	173	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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WOOD COUNTY, TEXAS

MAP PARAMETERS
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SCALE: 1: 6000 ; 1" = 500'

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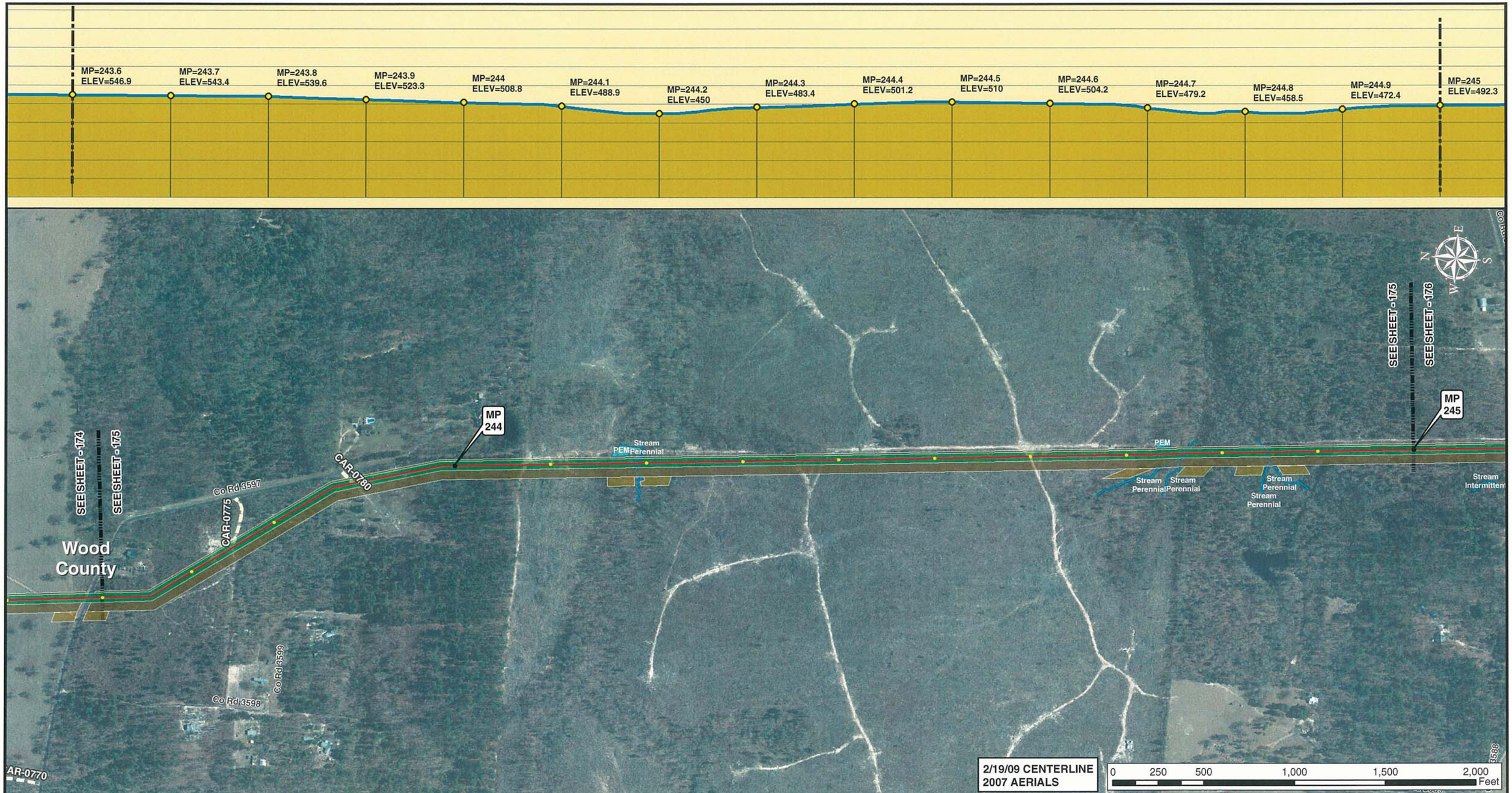
GS	SS	RG	50388X	XL-48 -ML-2002-P- 174-A	174	1



Legend

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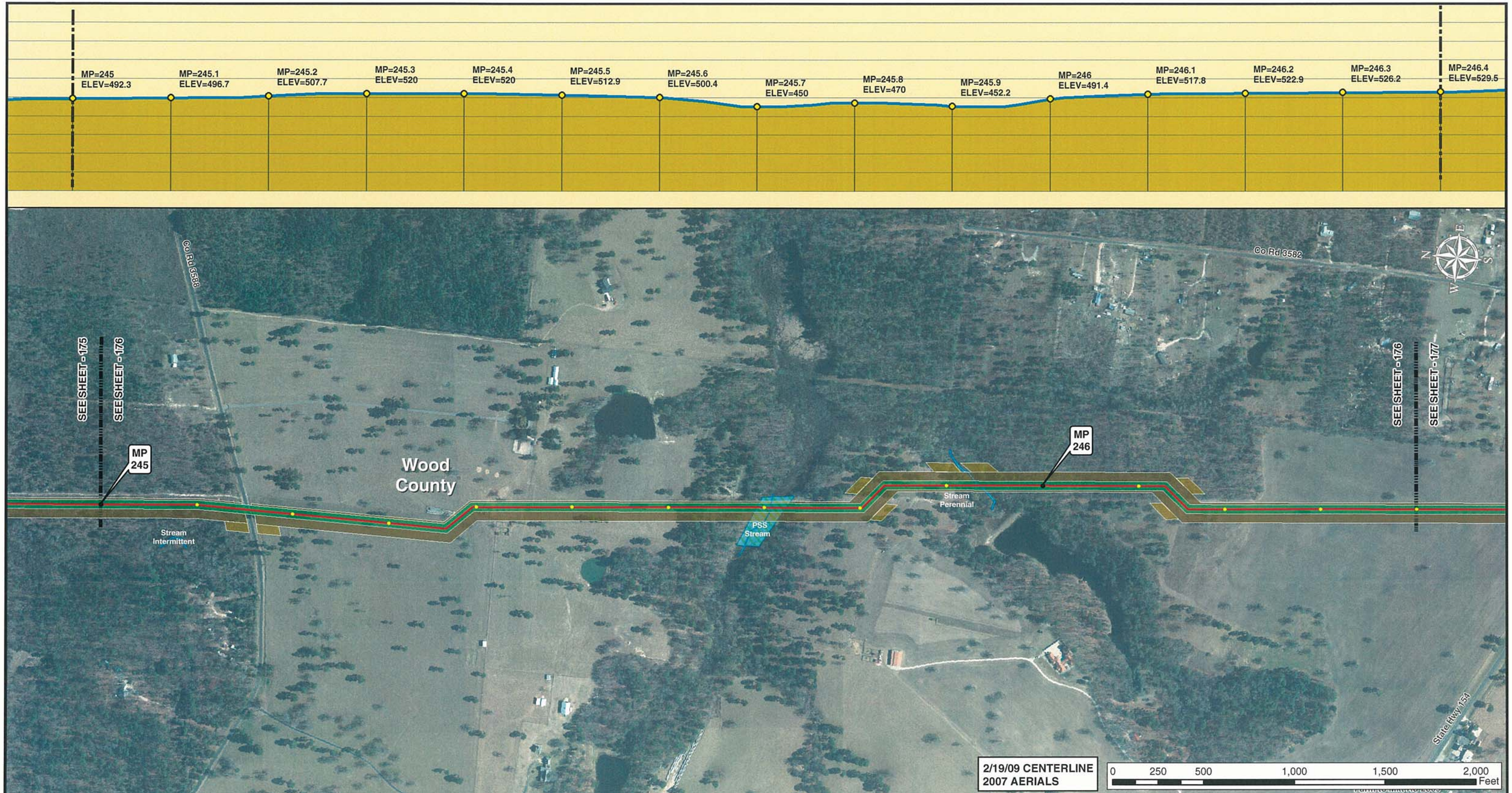
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 175-A	175	1



Legend

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- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
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ROUTE SHEETS
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WOOD COUNTY, TEXAS

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GS	SS	RG	50388X	XL-48 -ML-2002-P- 176-A	176	1

2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

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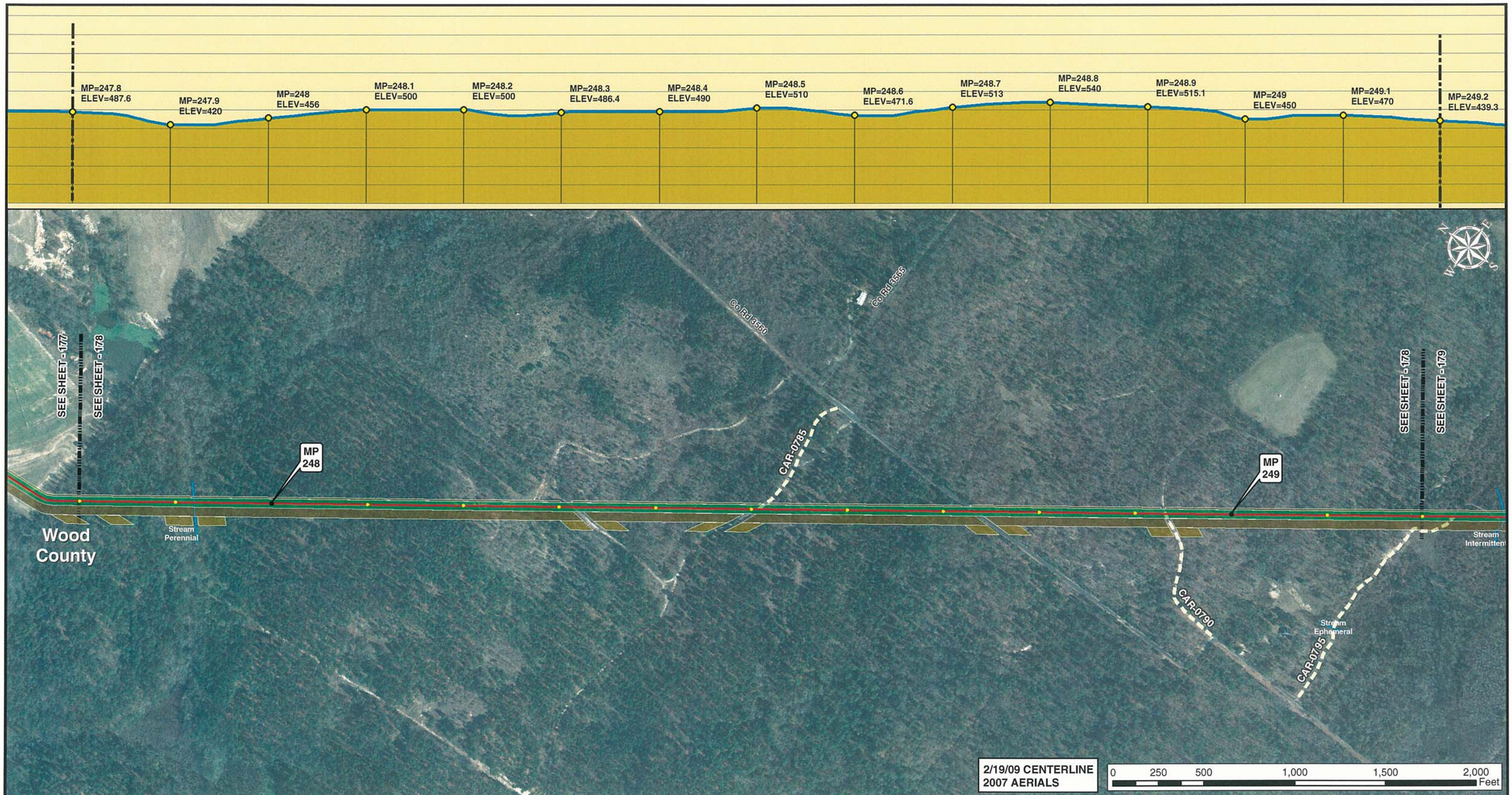
GS	SS	RG	50388X	XL-48 -ML-2002-P- 177-A	177	1



Legend

- MILE POST
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- KEYSTONE XL PROJECT
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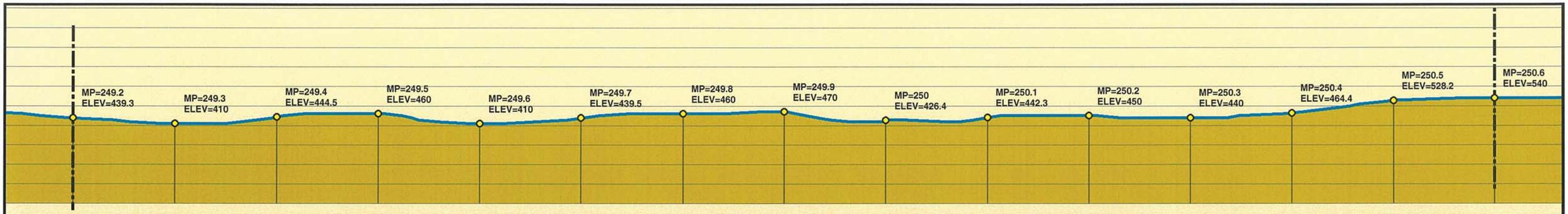

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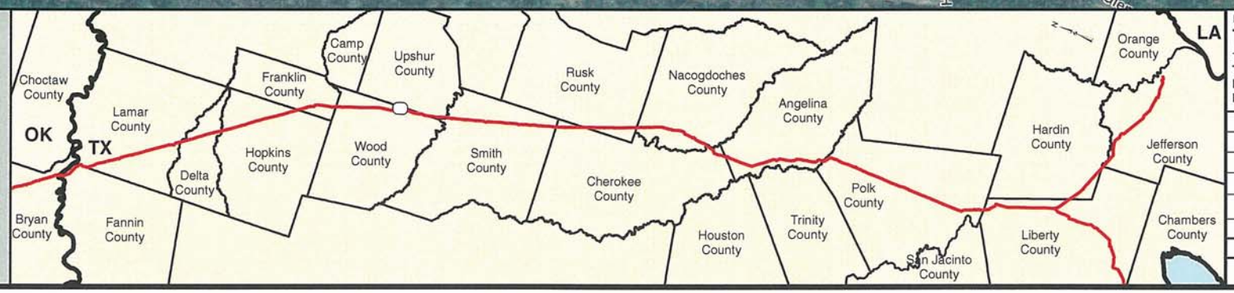

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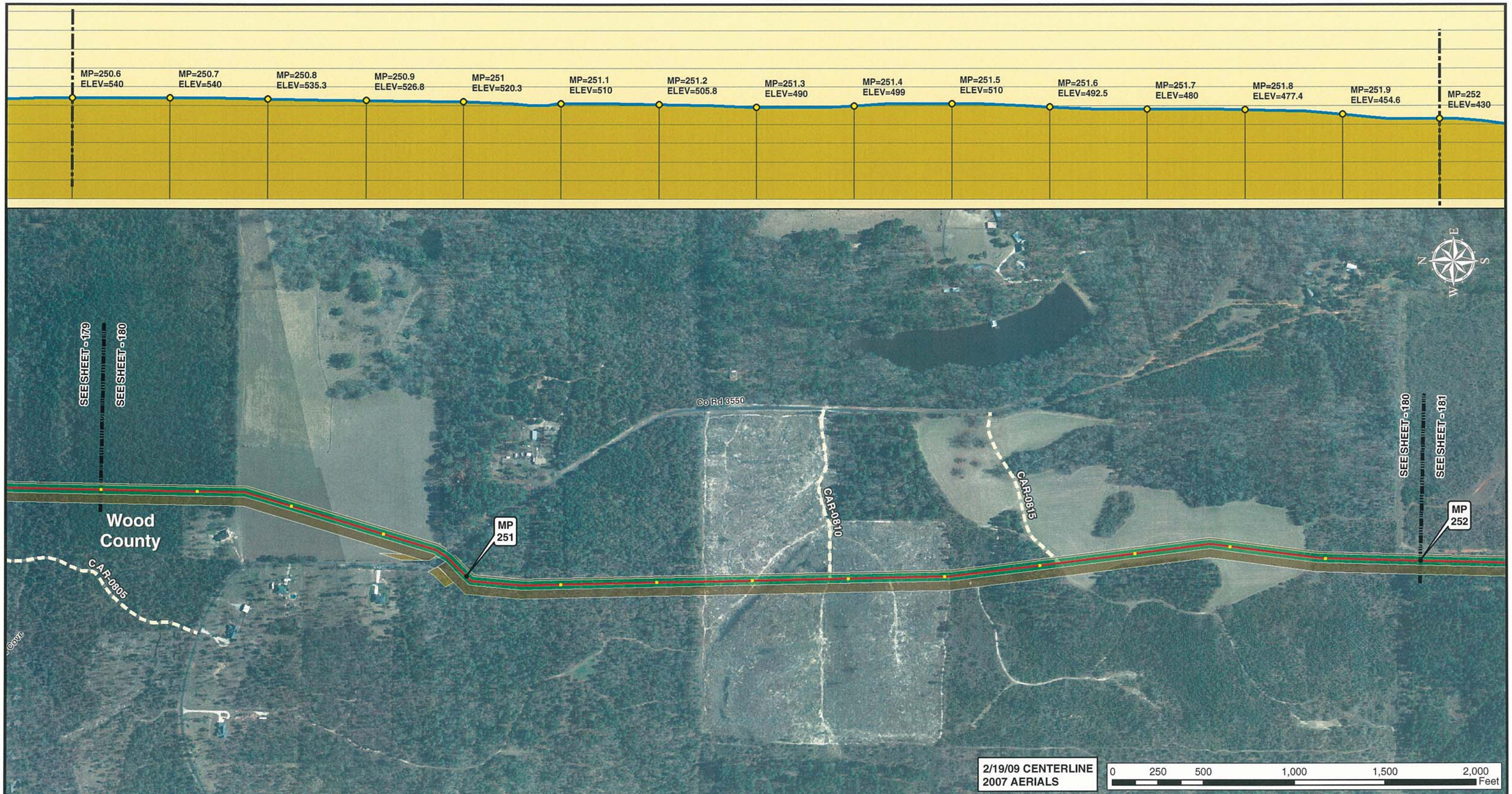
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
WOOD COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 179-A	179	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE

PREPARED BY:
TROW ENGINEERING CONSULTANTS INC.
1300 Metropolitan Boulevard, Suite 200
Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523

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NO.	REVISION	DATE
1	ISSUED FOR SUPPLEMENTAL U.S. DEPT. OF STATE FILING (2.19.09 CL)	7.6.09
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

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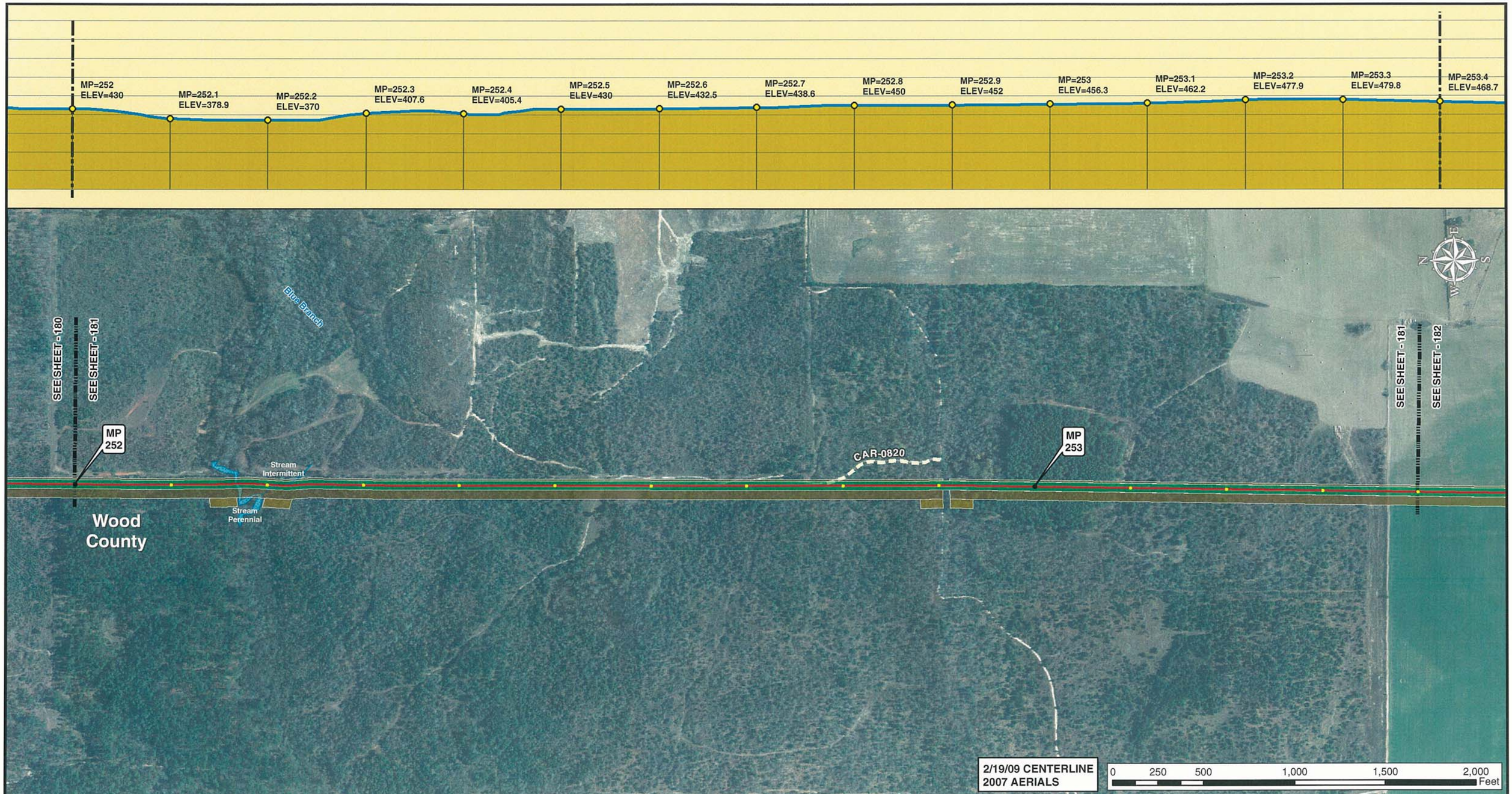
GS	SS	RG	50388X	XL-48 -ML-2002-P- 180-A	180	1



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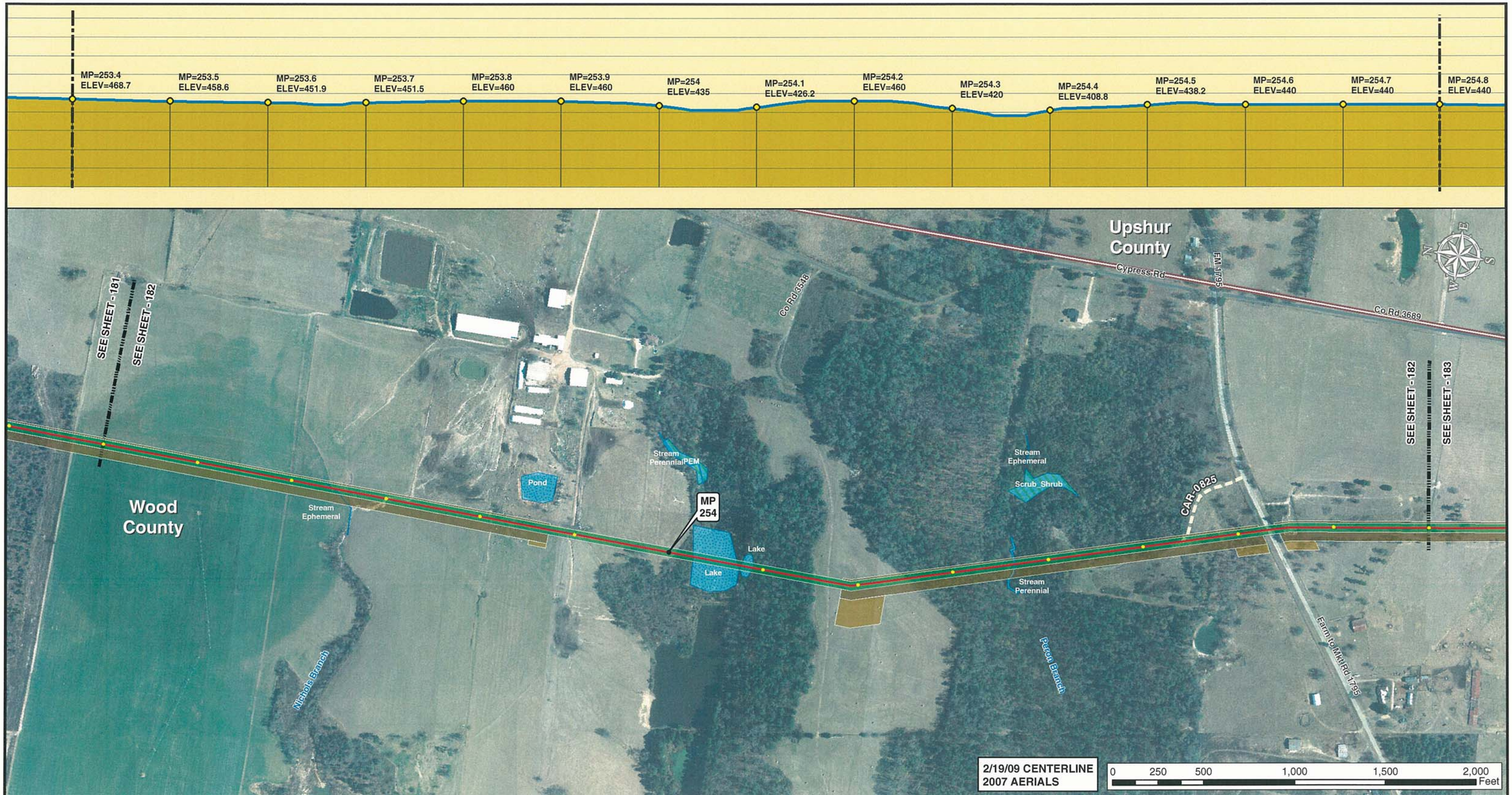

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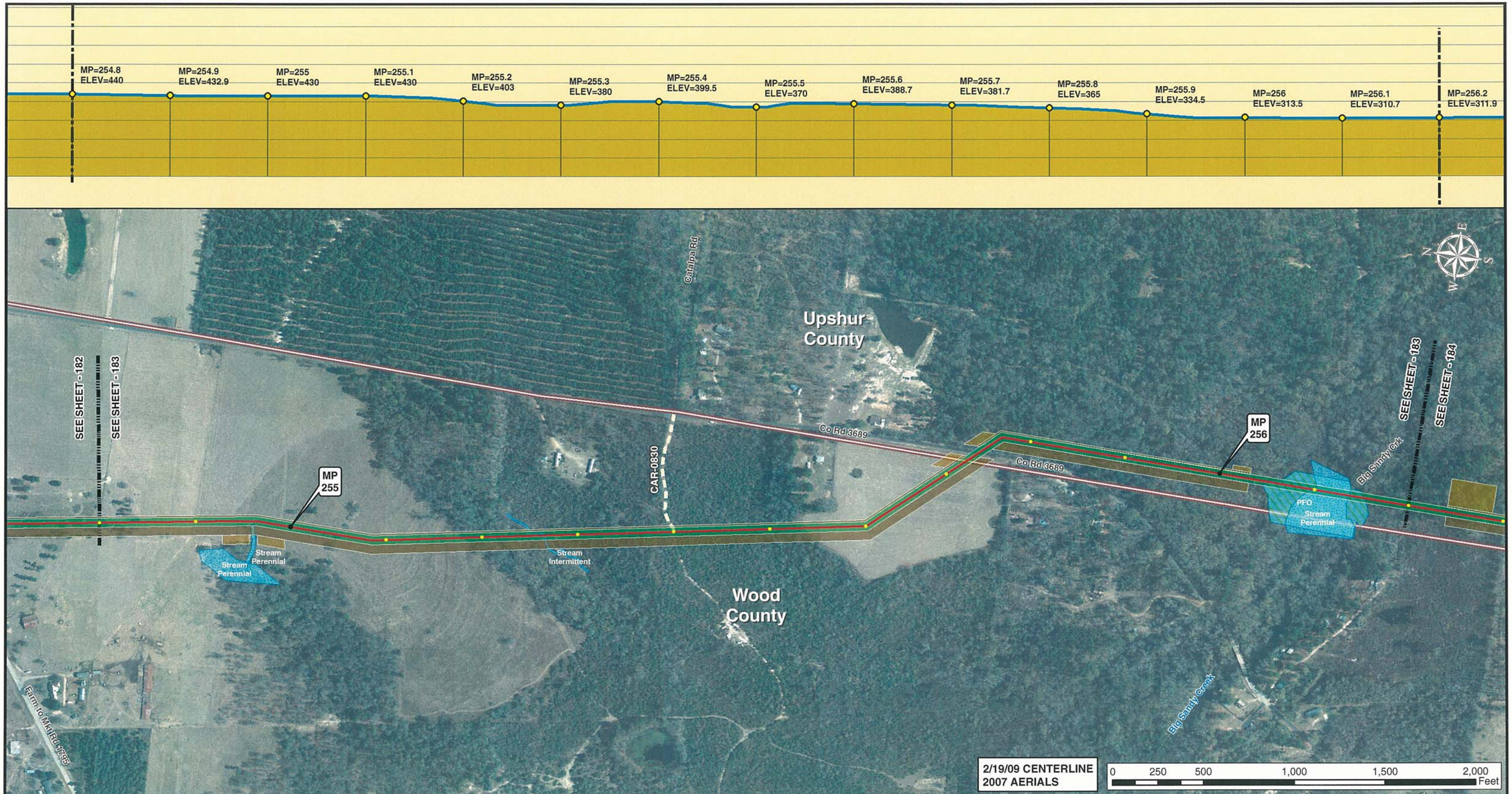

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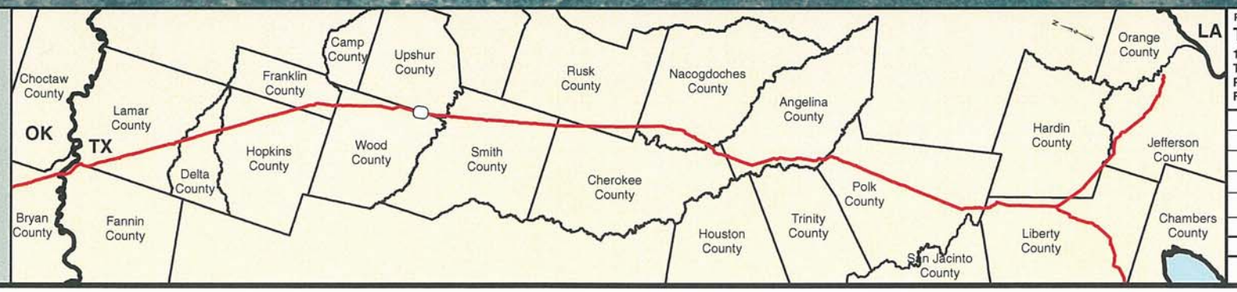

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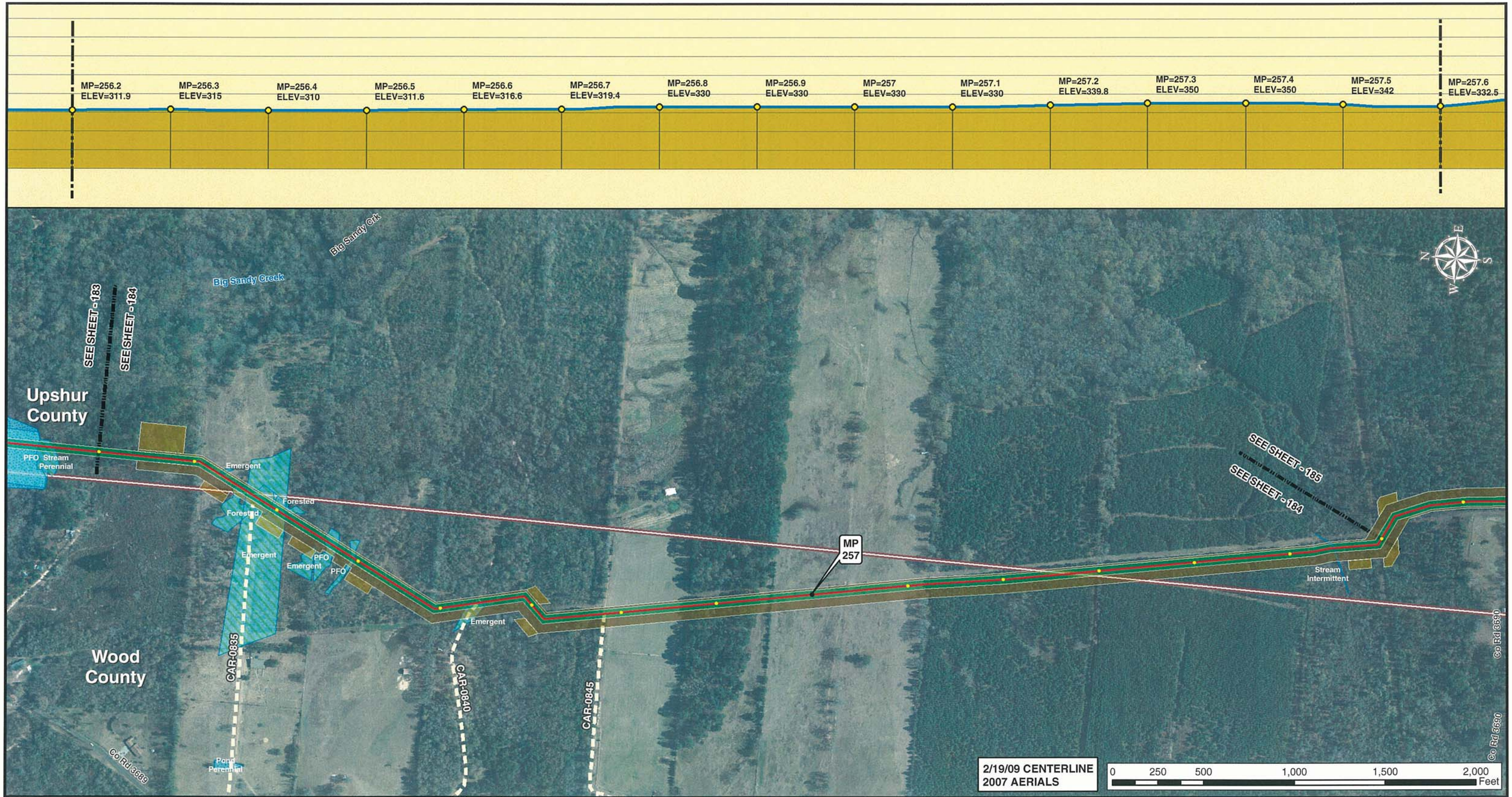
GS	SS	RG	50388X	XL-48 -ML-2002-P- 183-A	183	1



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UPSHUR COUNTY, TEXAS

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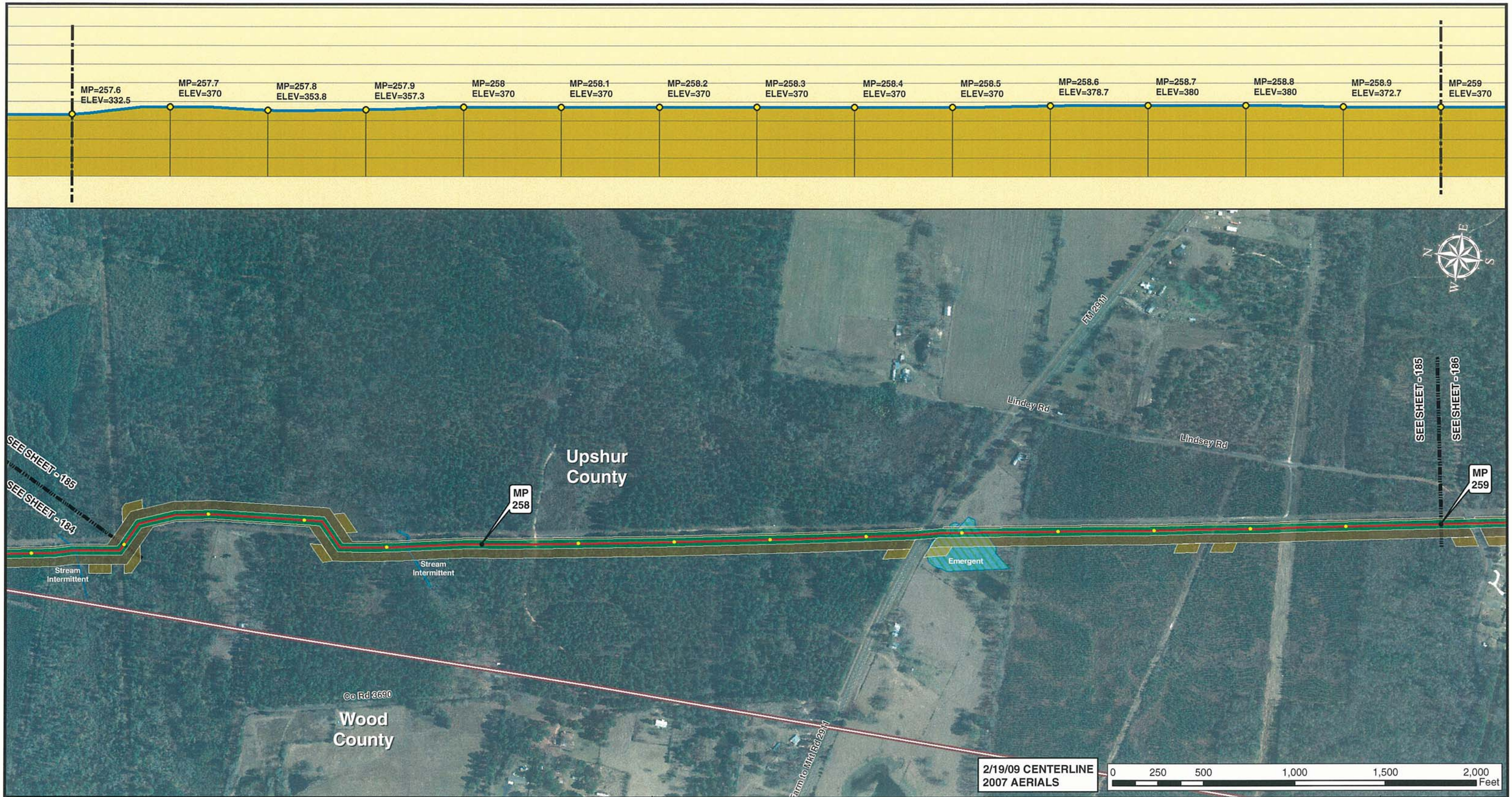

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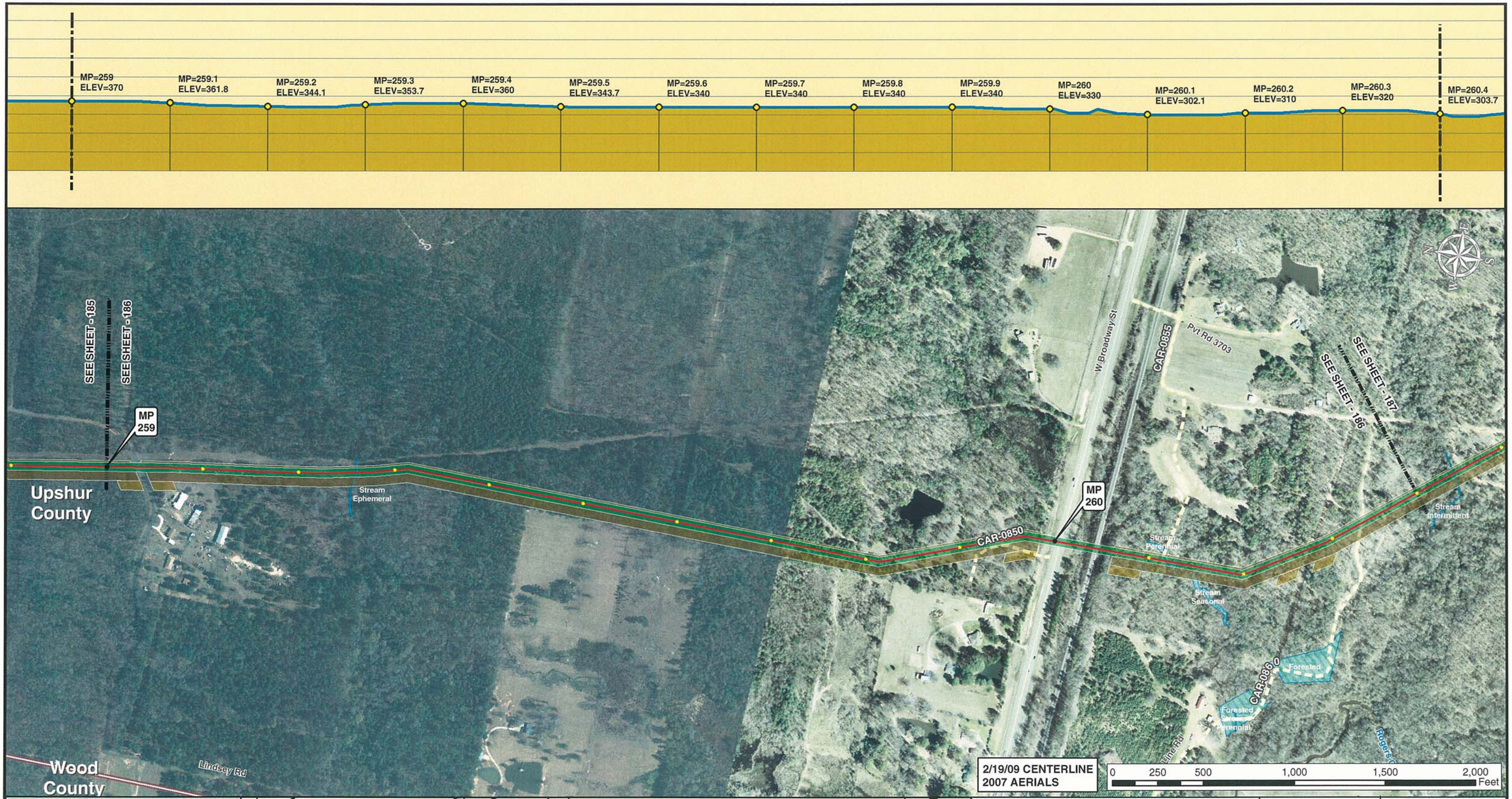

2/19/09 CENTERLINE
2007 AERIALS

Legend

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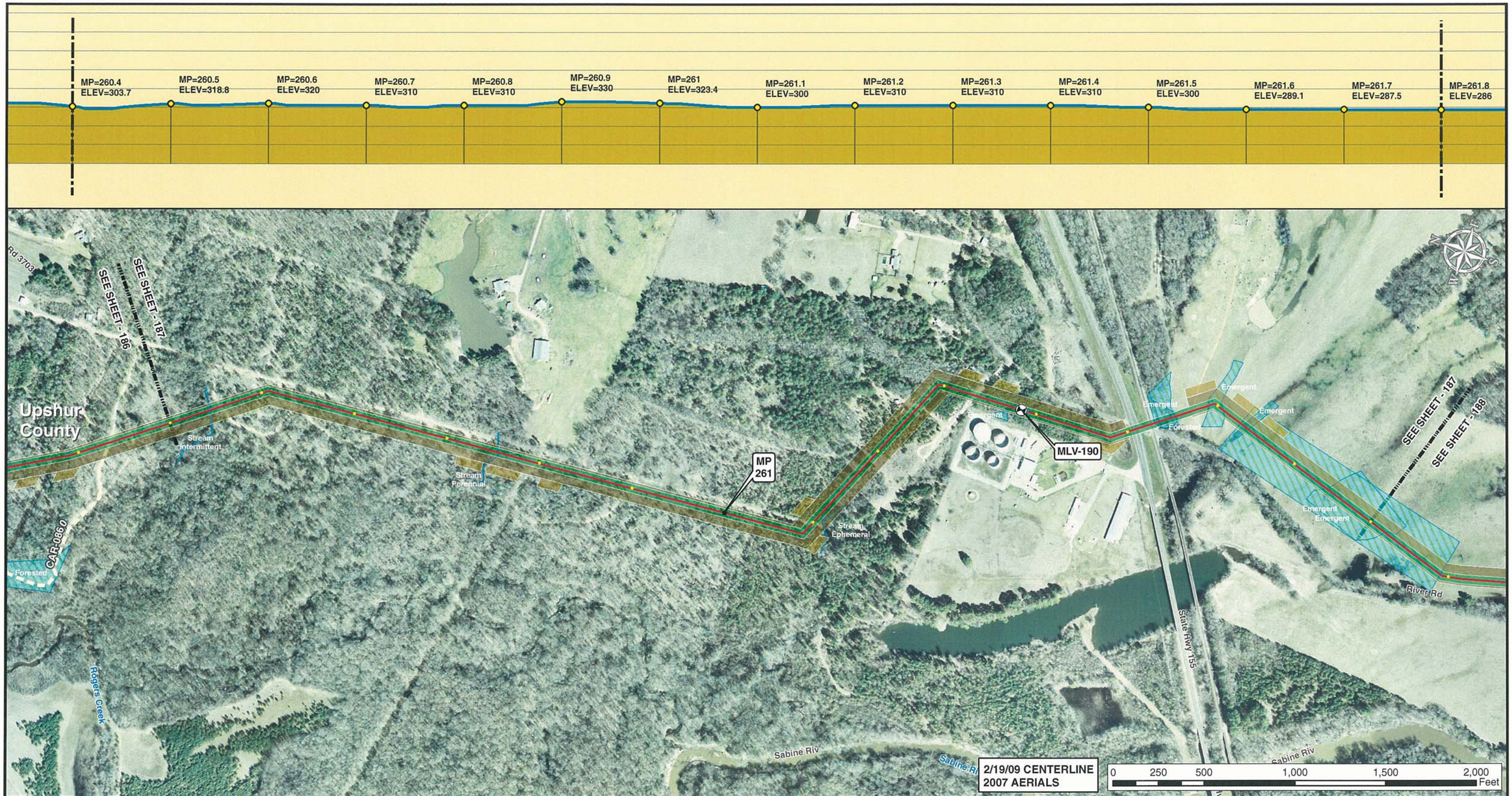

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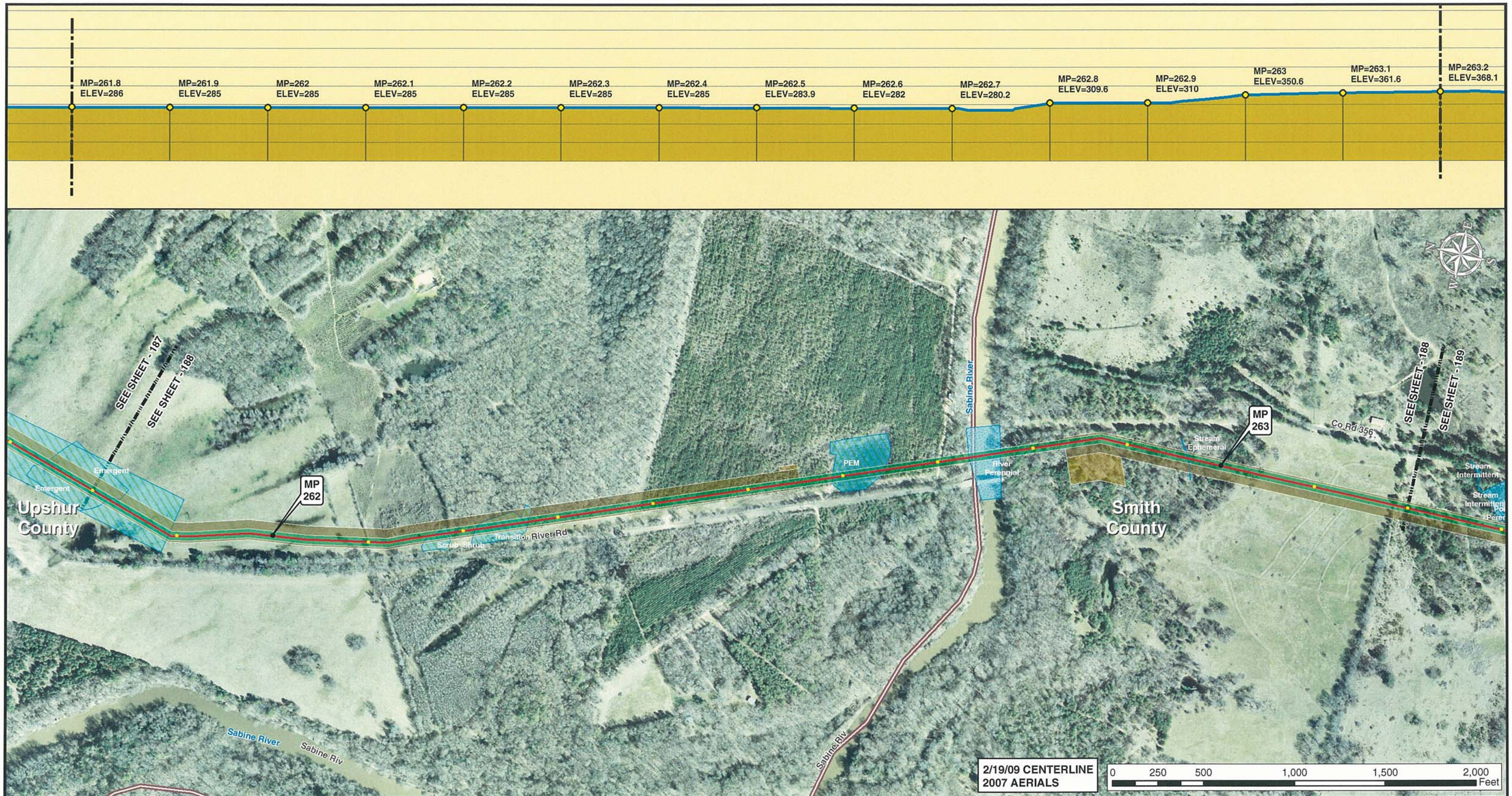

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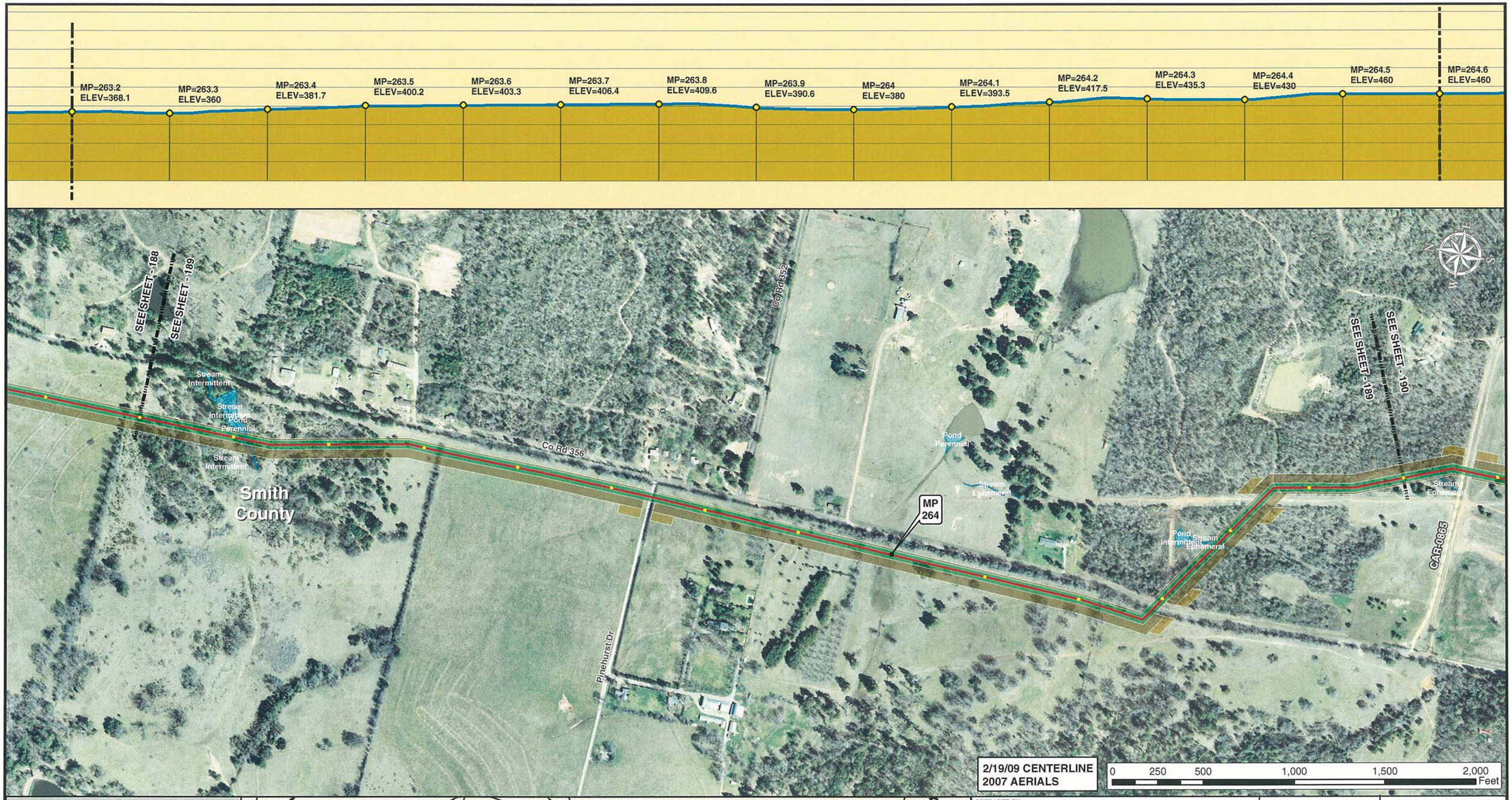

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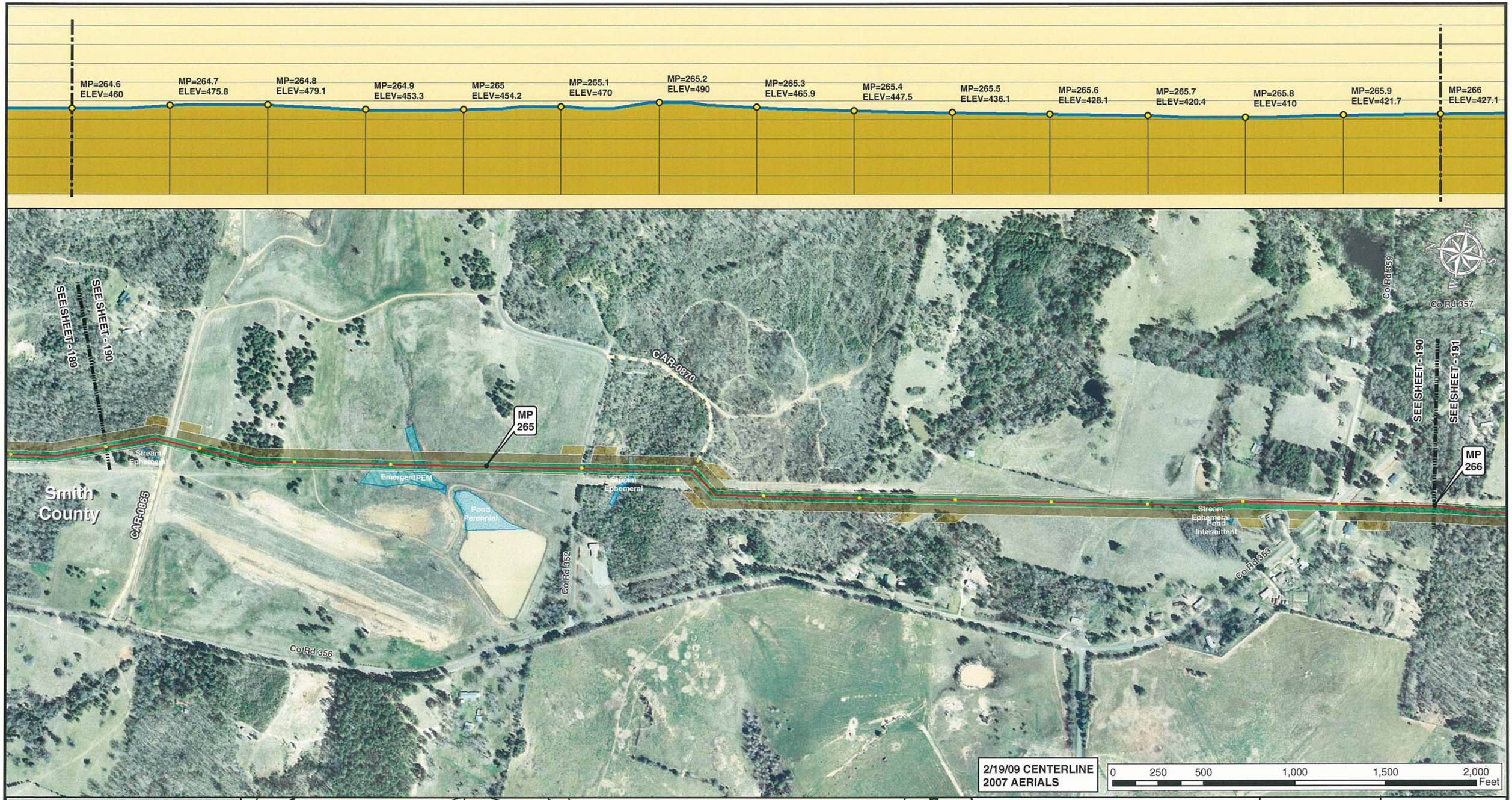

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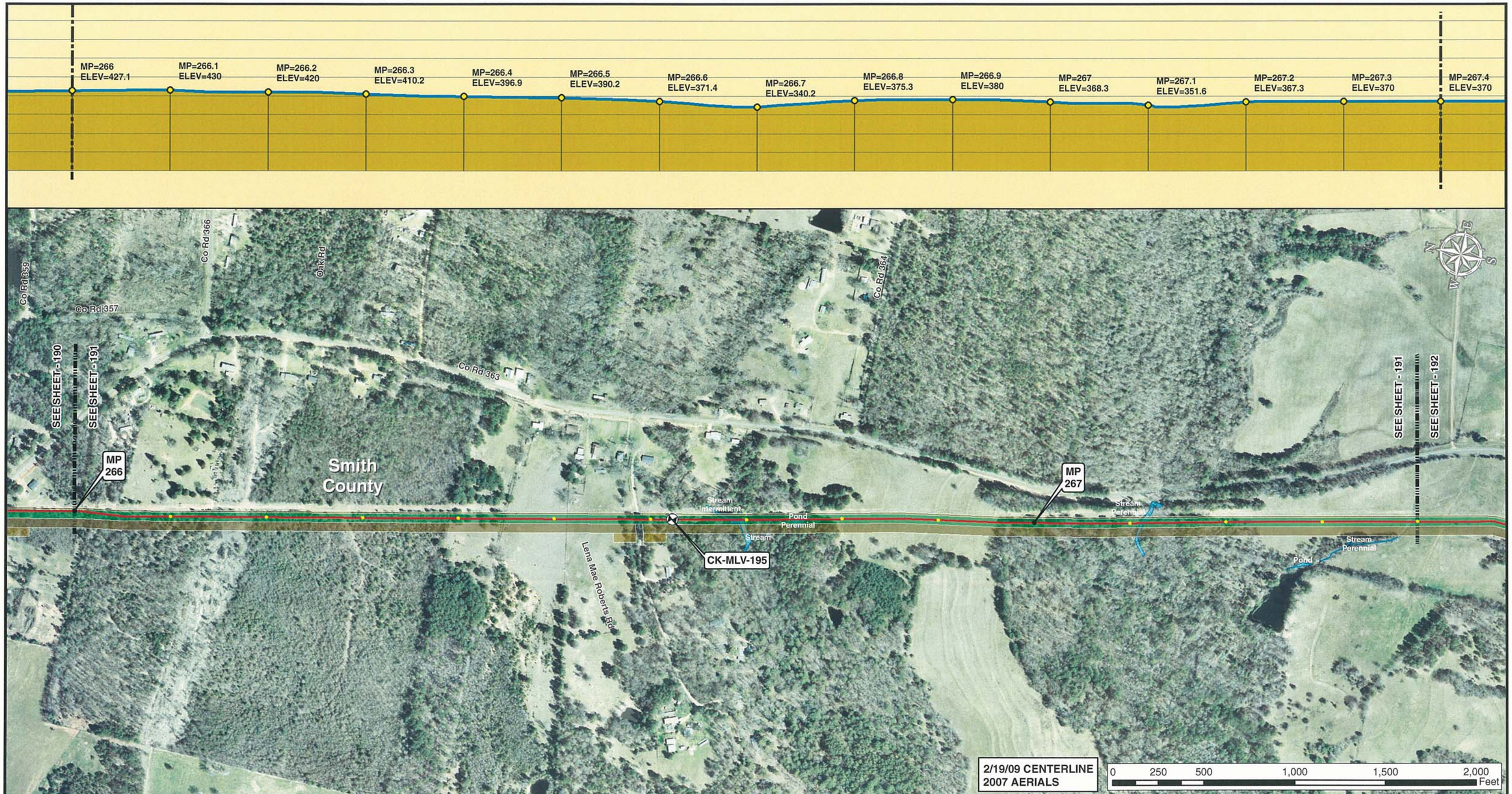

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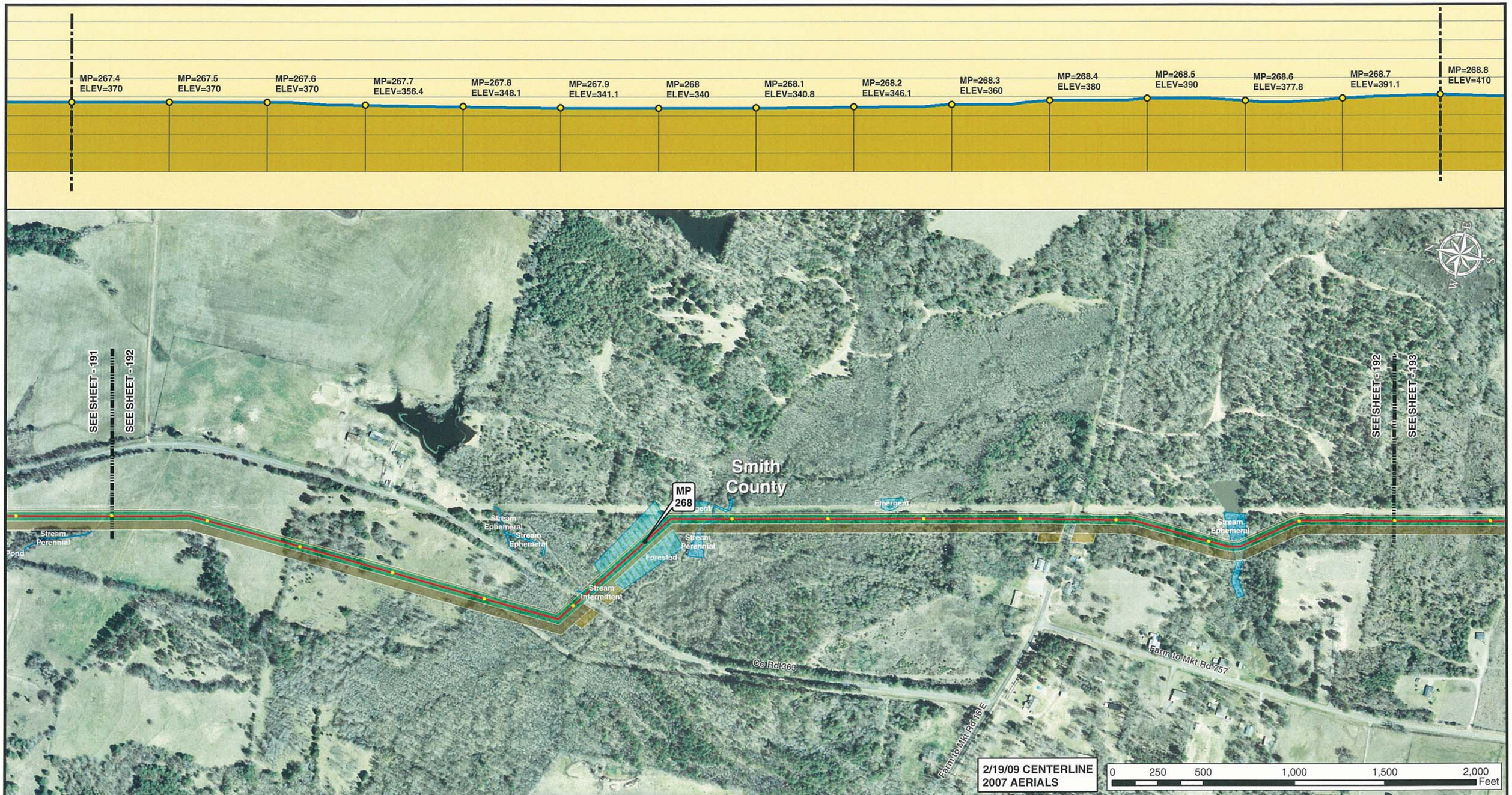

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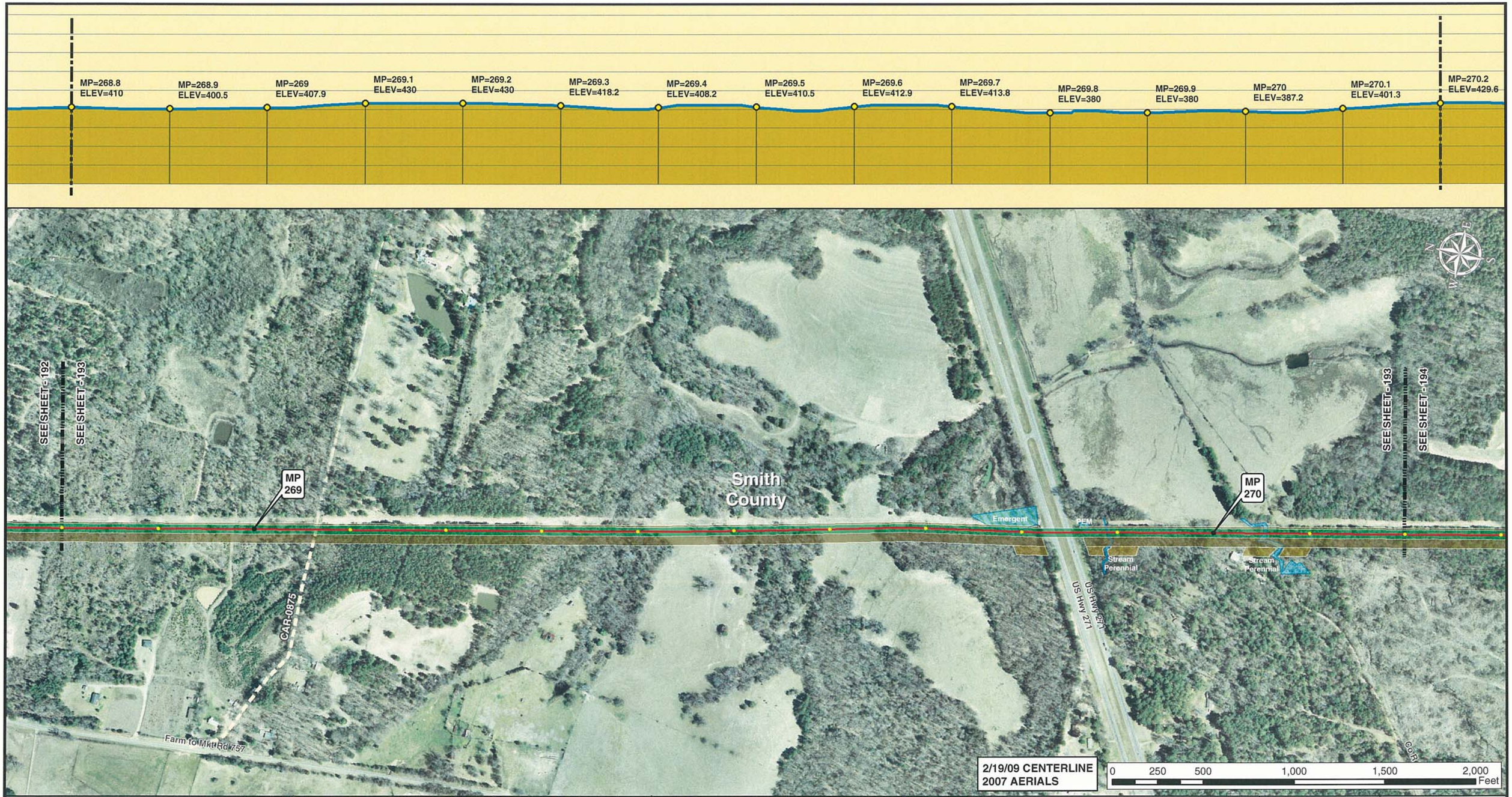

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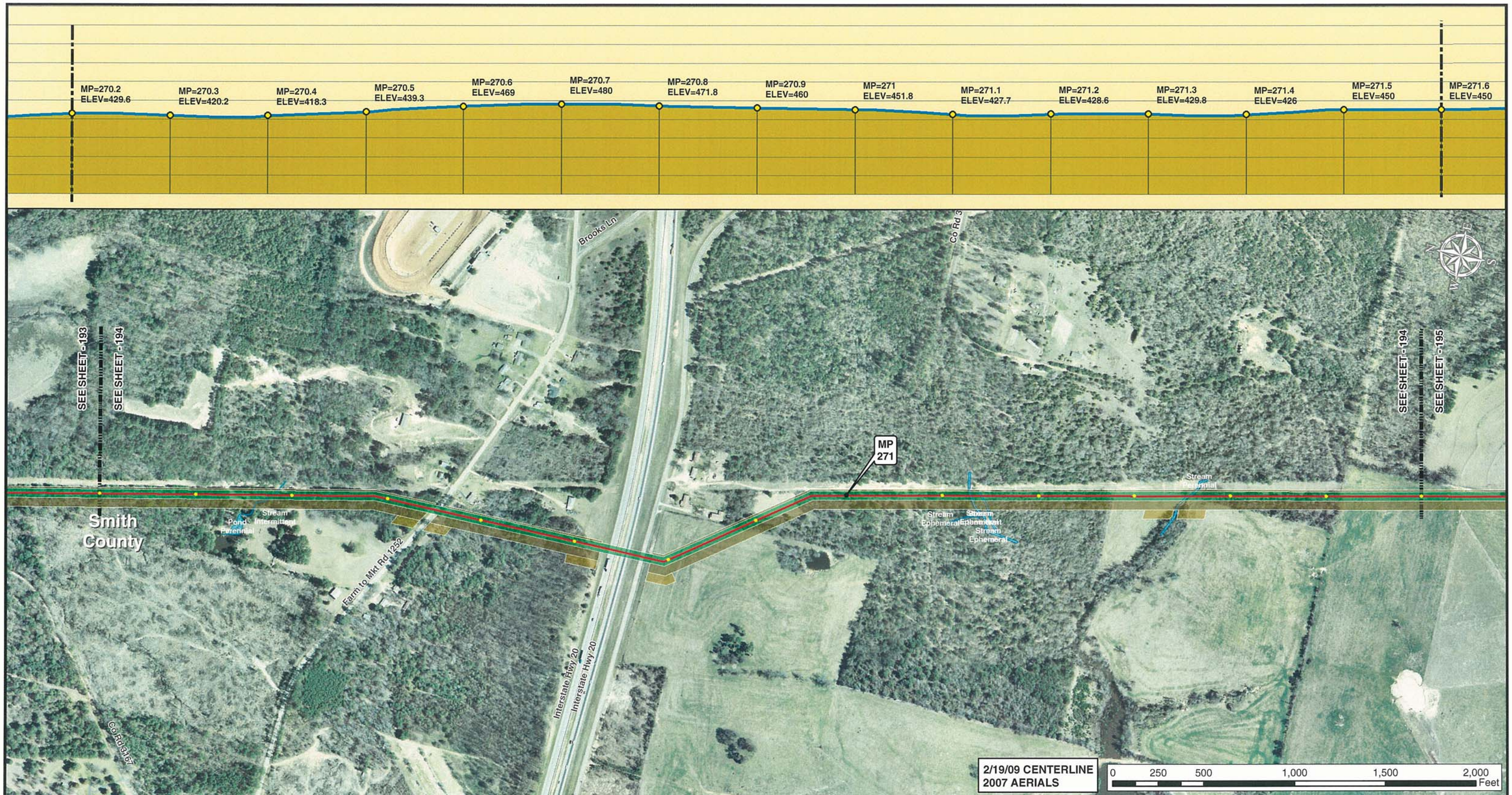

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE

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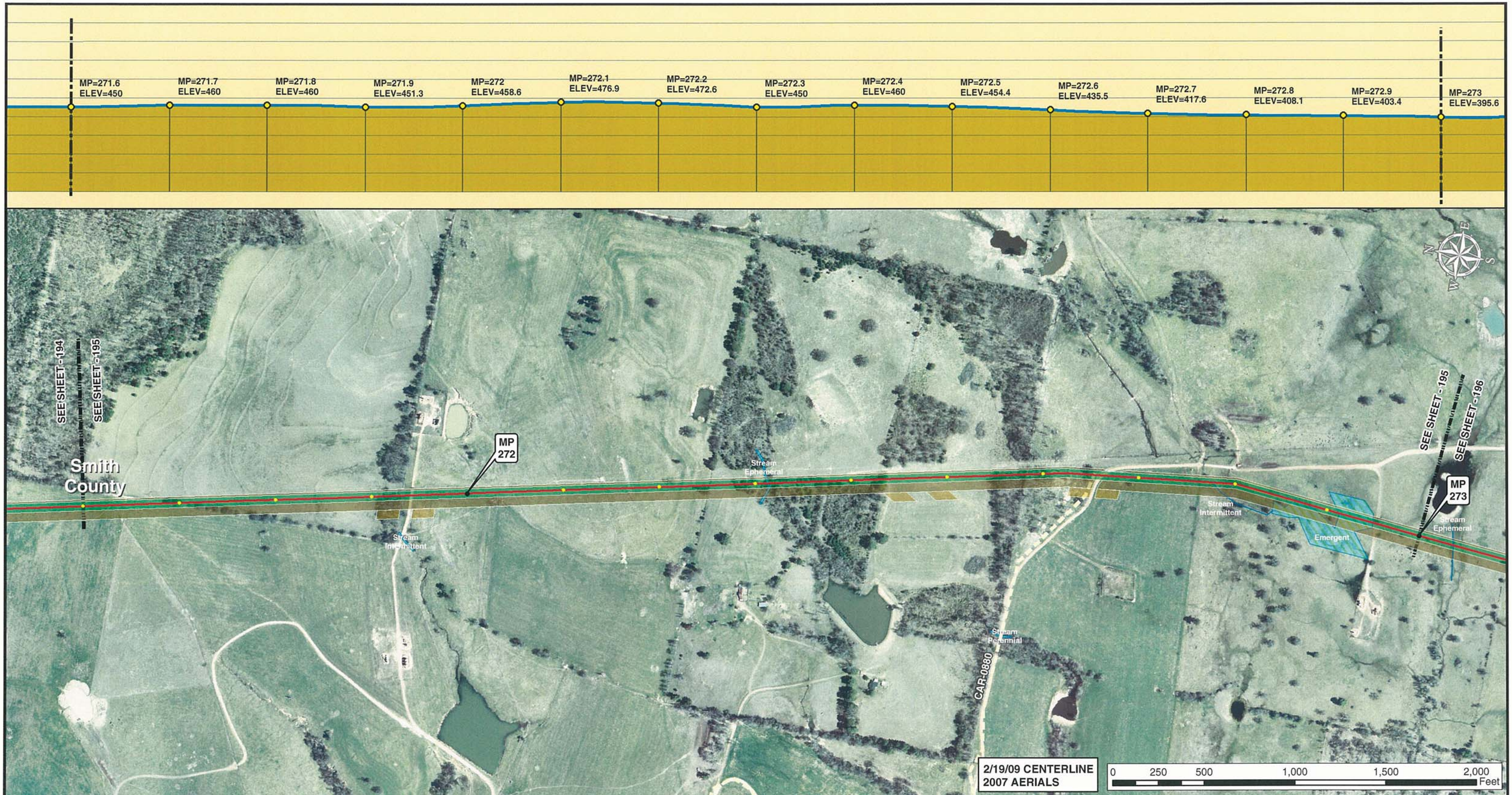
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
SMITH COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 194-A	194	1



Legend

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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
SMITH COUNTY, TEXAS

MAP PARAMETERS
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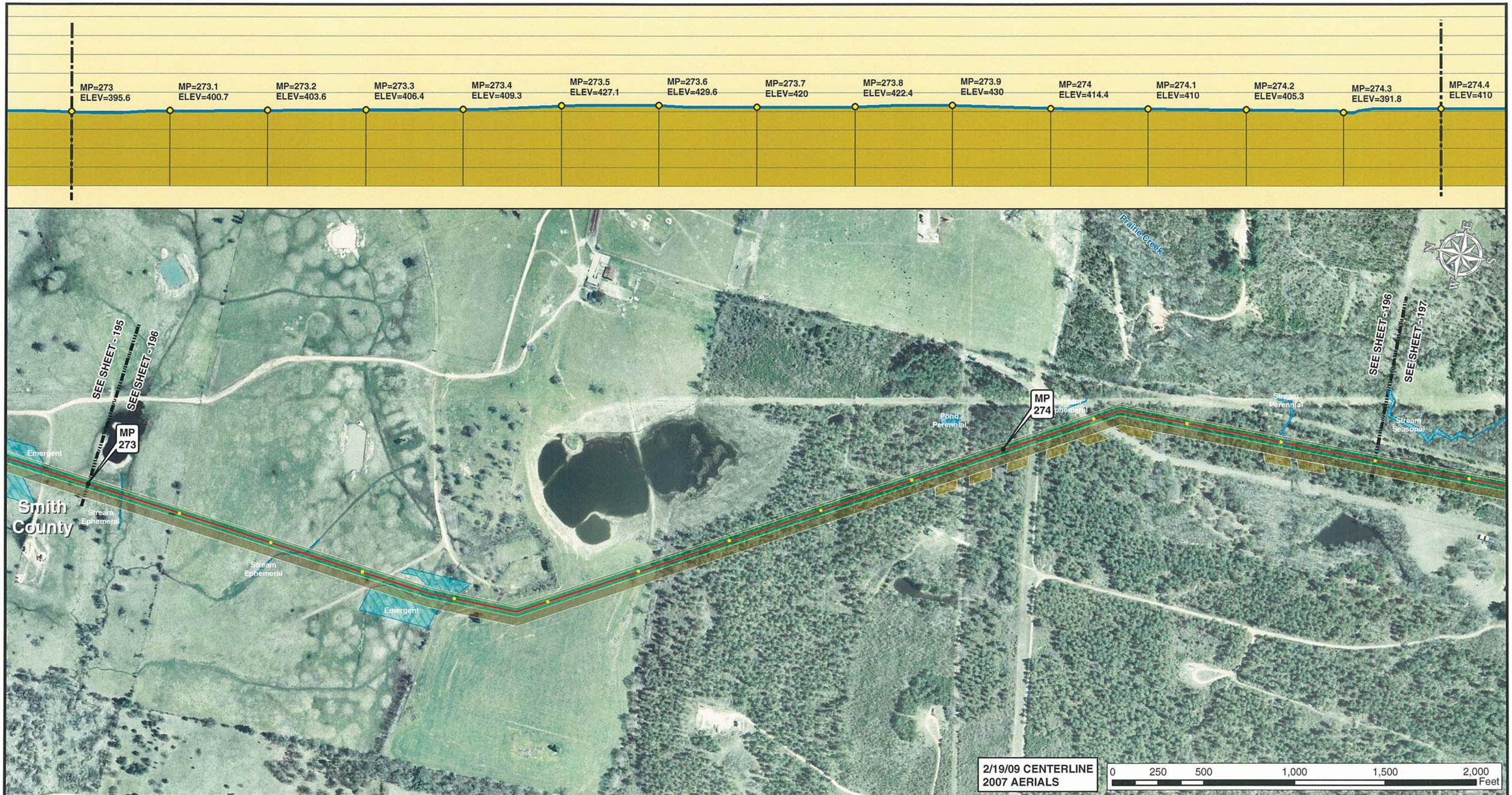

Legend

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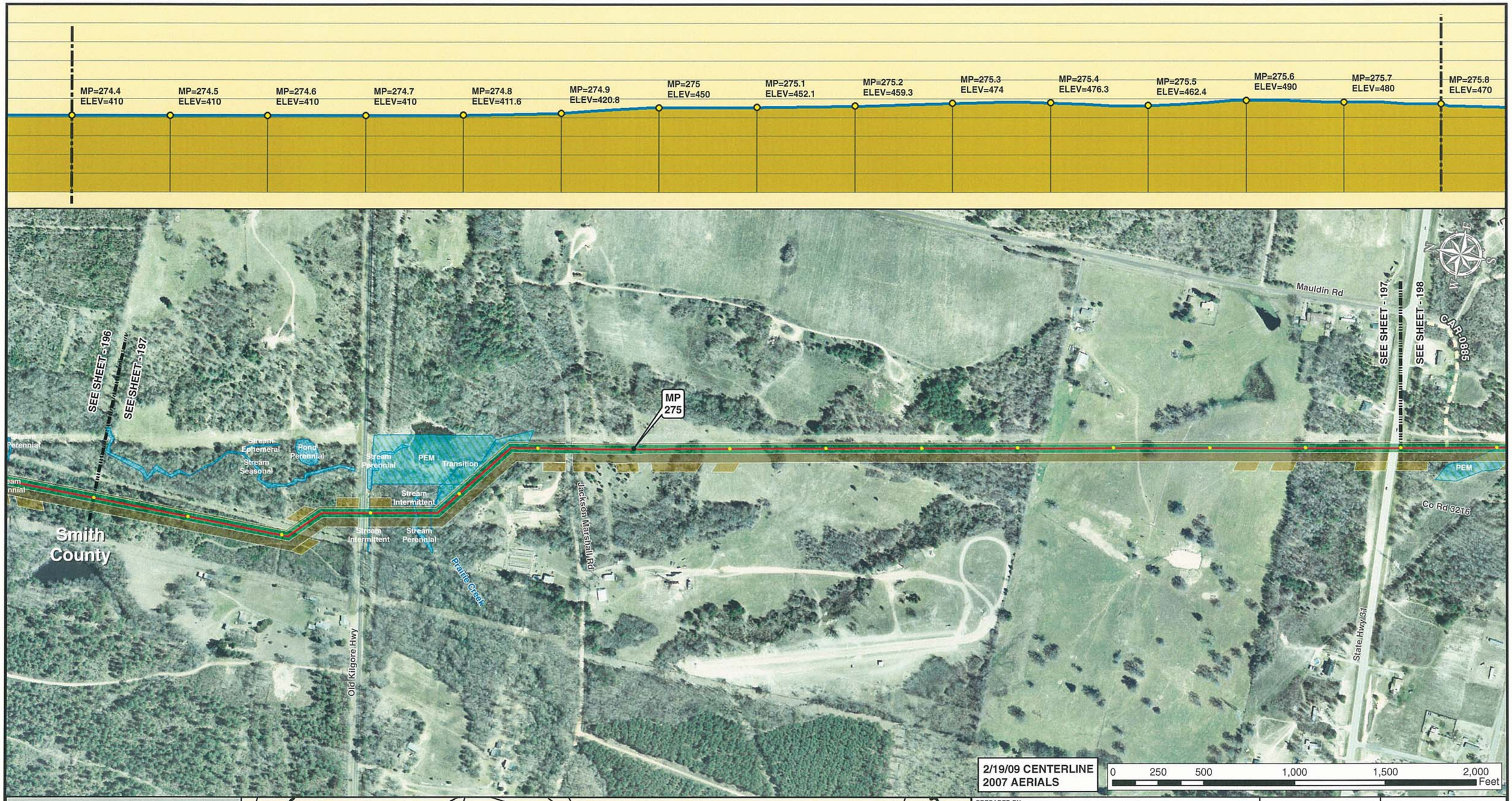
GS	SS	RG	50388X	XL-48 -ML-2002-P- 196-A	196	1



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SMITH COUNTY, TEXAS

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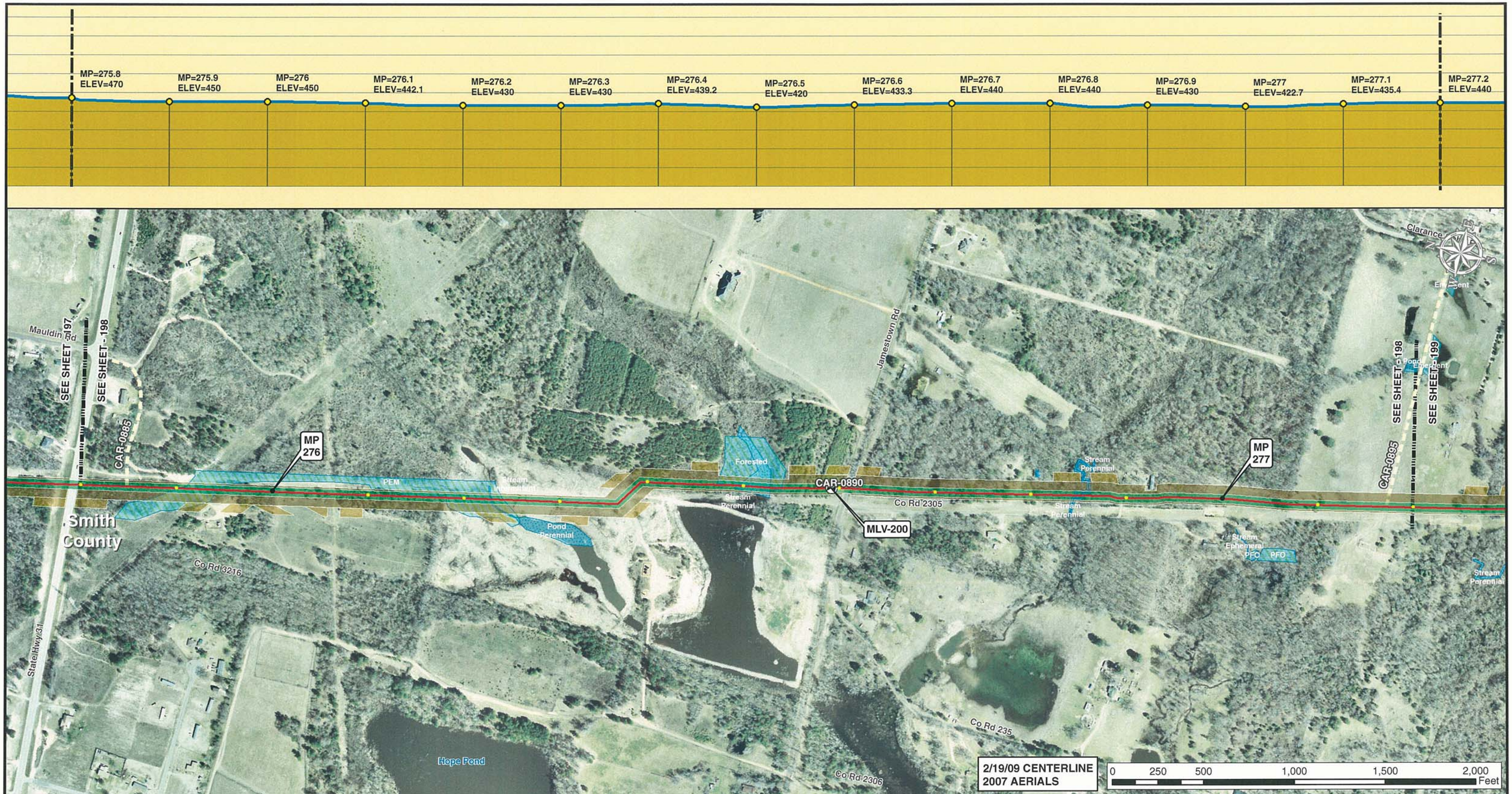
GS	SS	RG	50388X	XL-48 -ML-2002-P- 197-A	197	1



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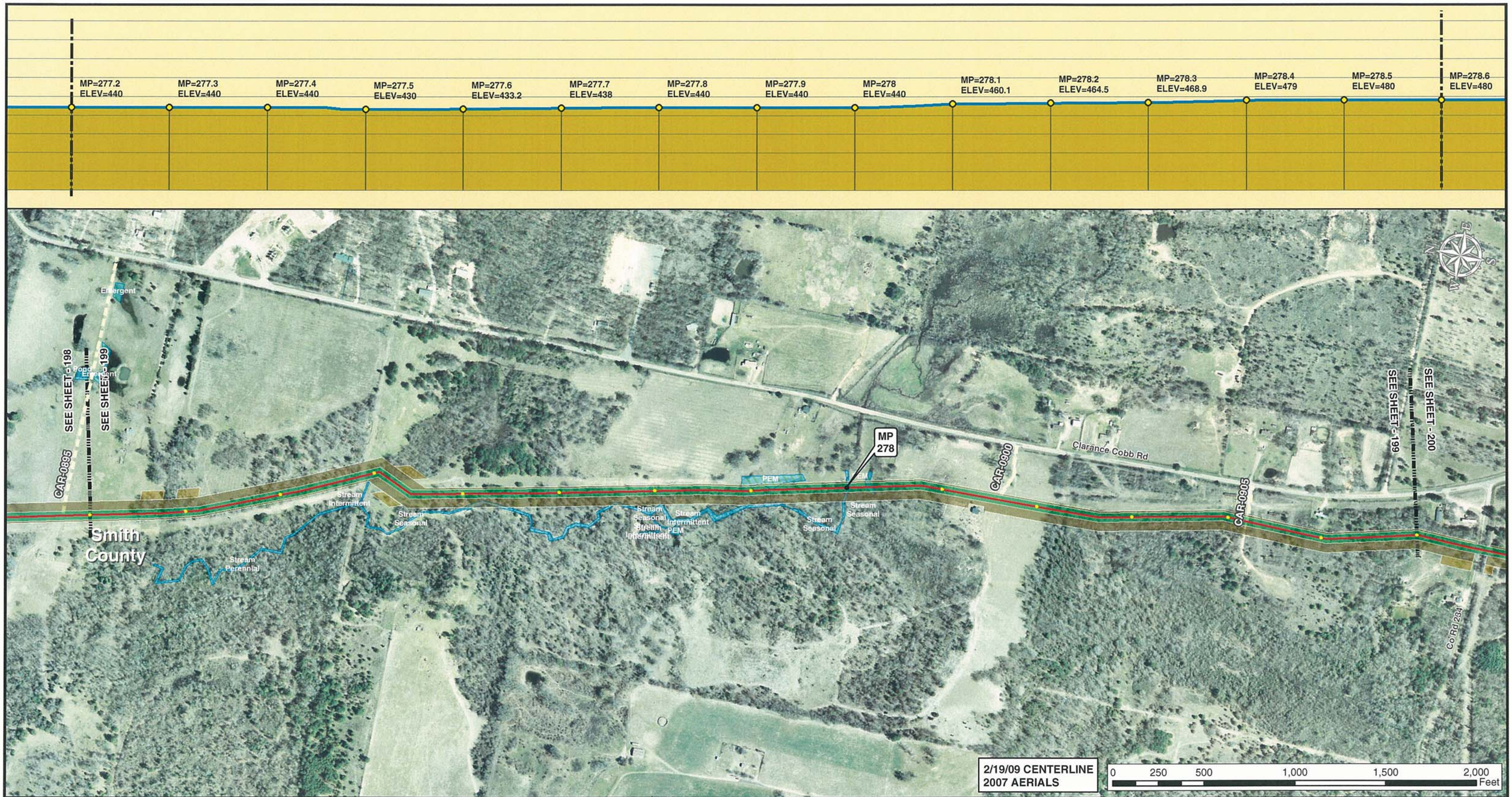
GS	SS	RG	50388X	XL-48 -ML-2002-P- 198-A	198	1



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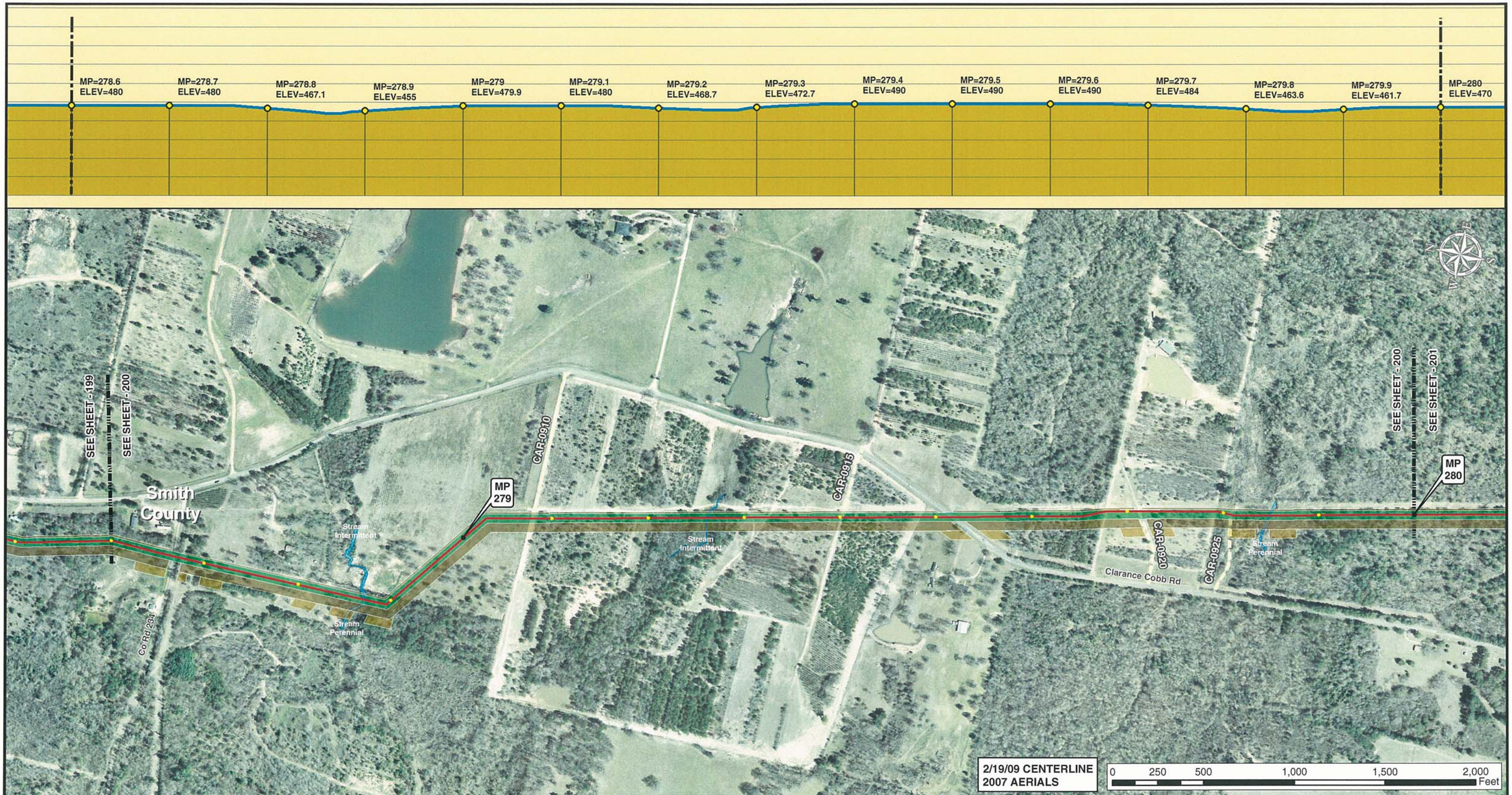

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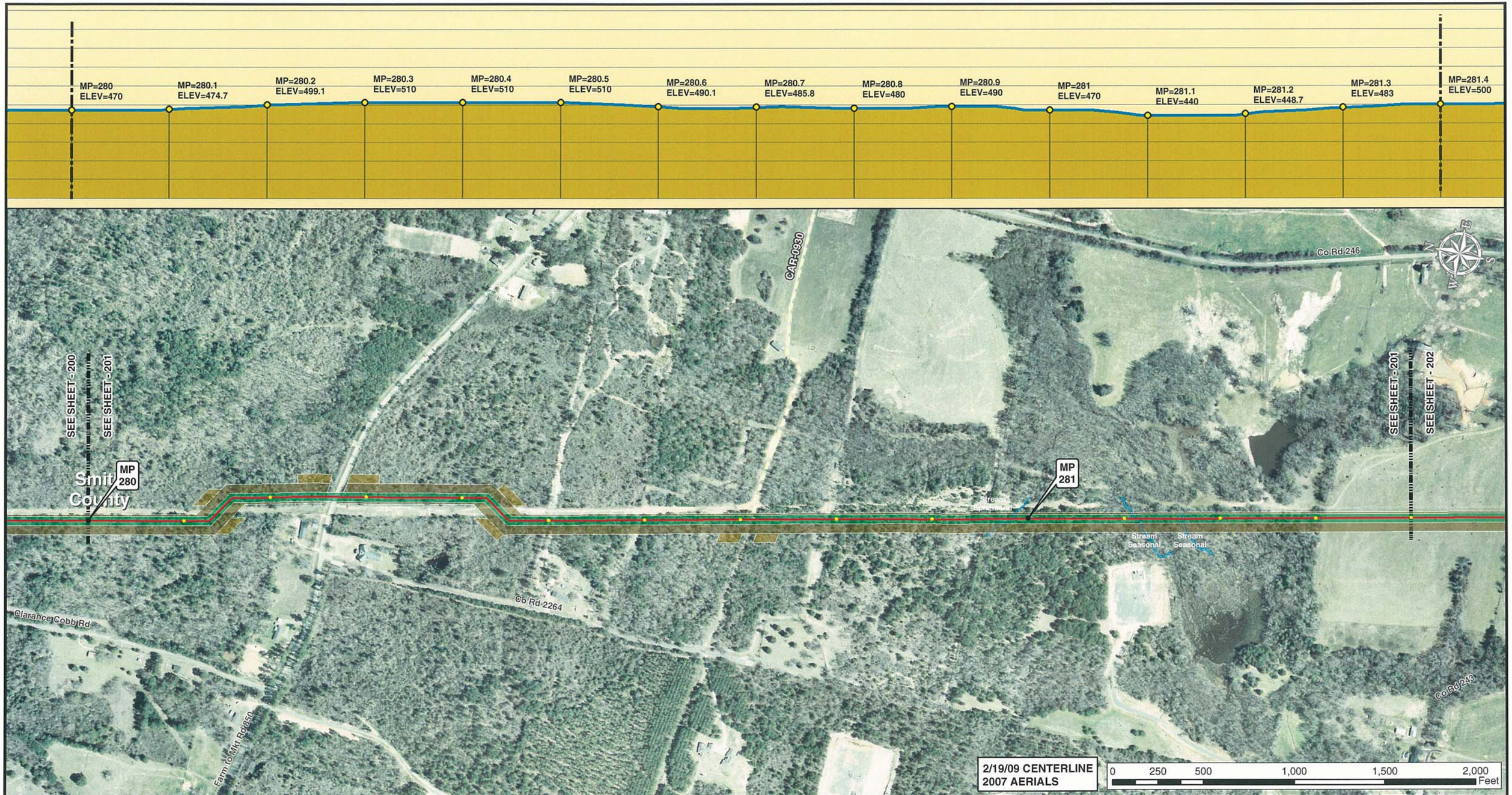

Legend

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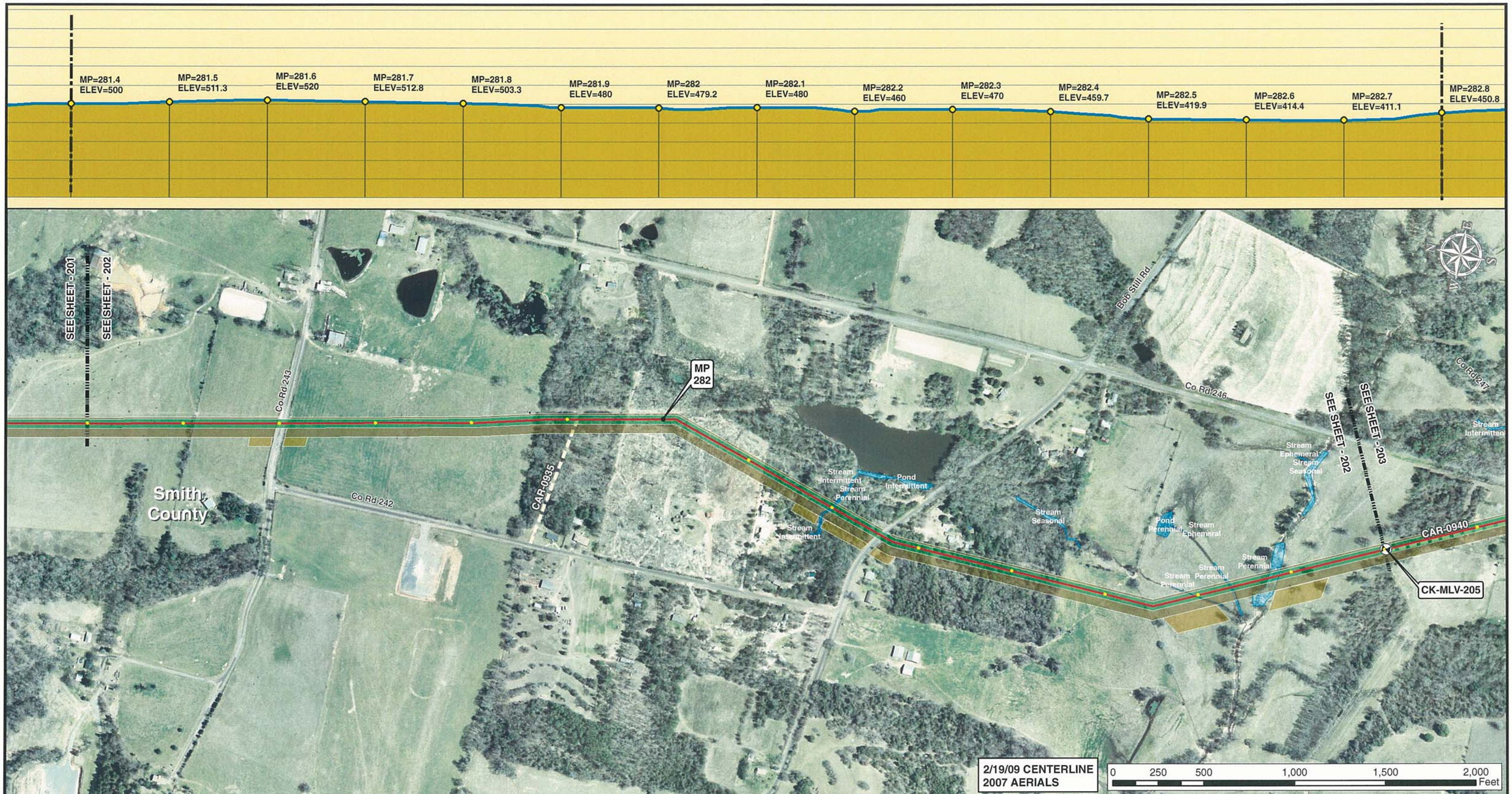

Legend

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SMITH COUNTY, TEXAS

MAP PARAMETERS
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DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
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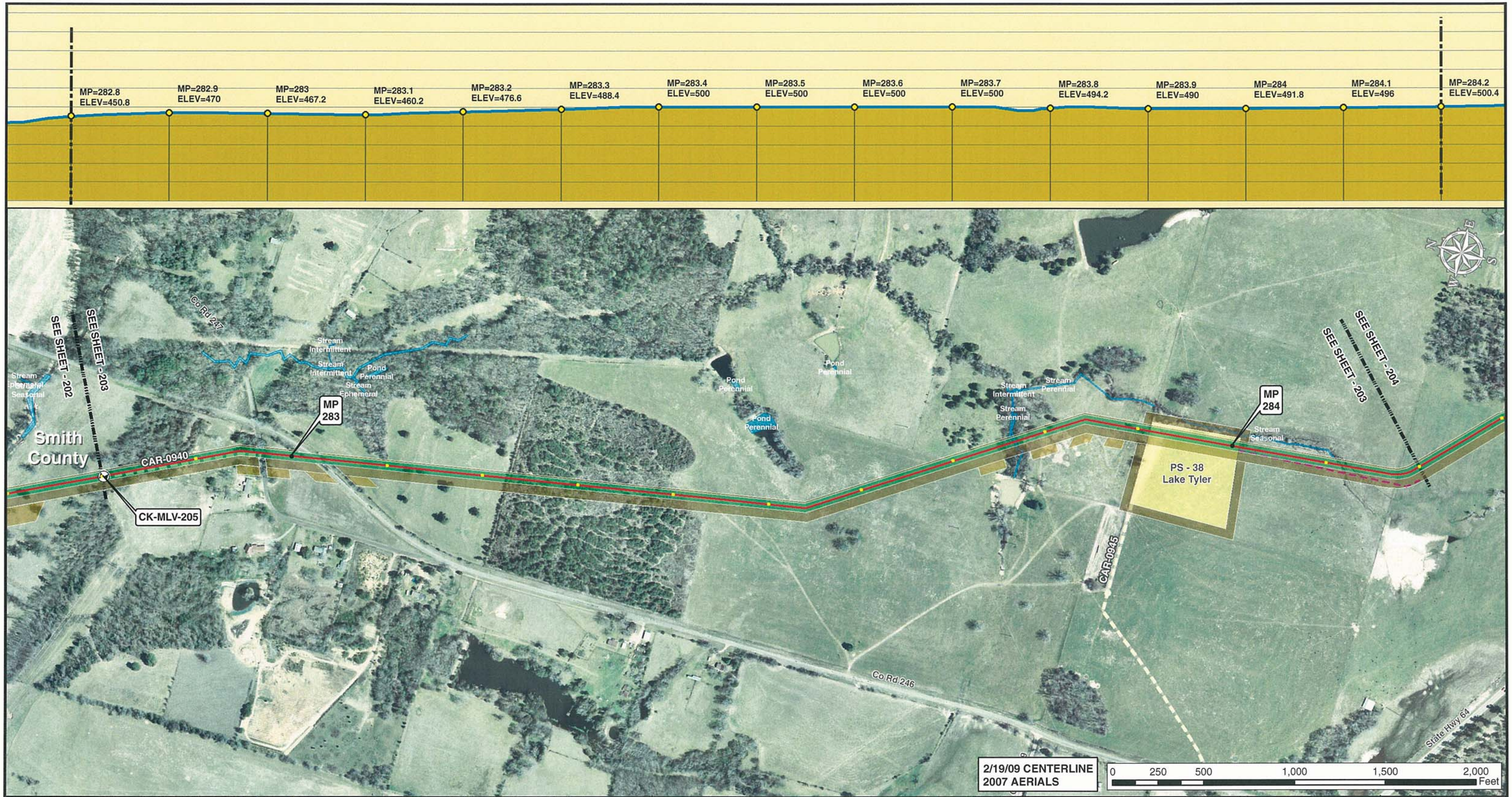

Legend

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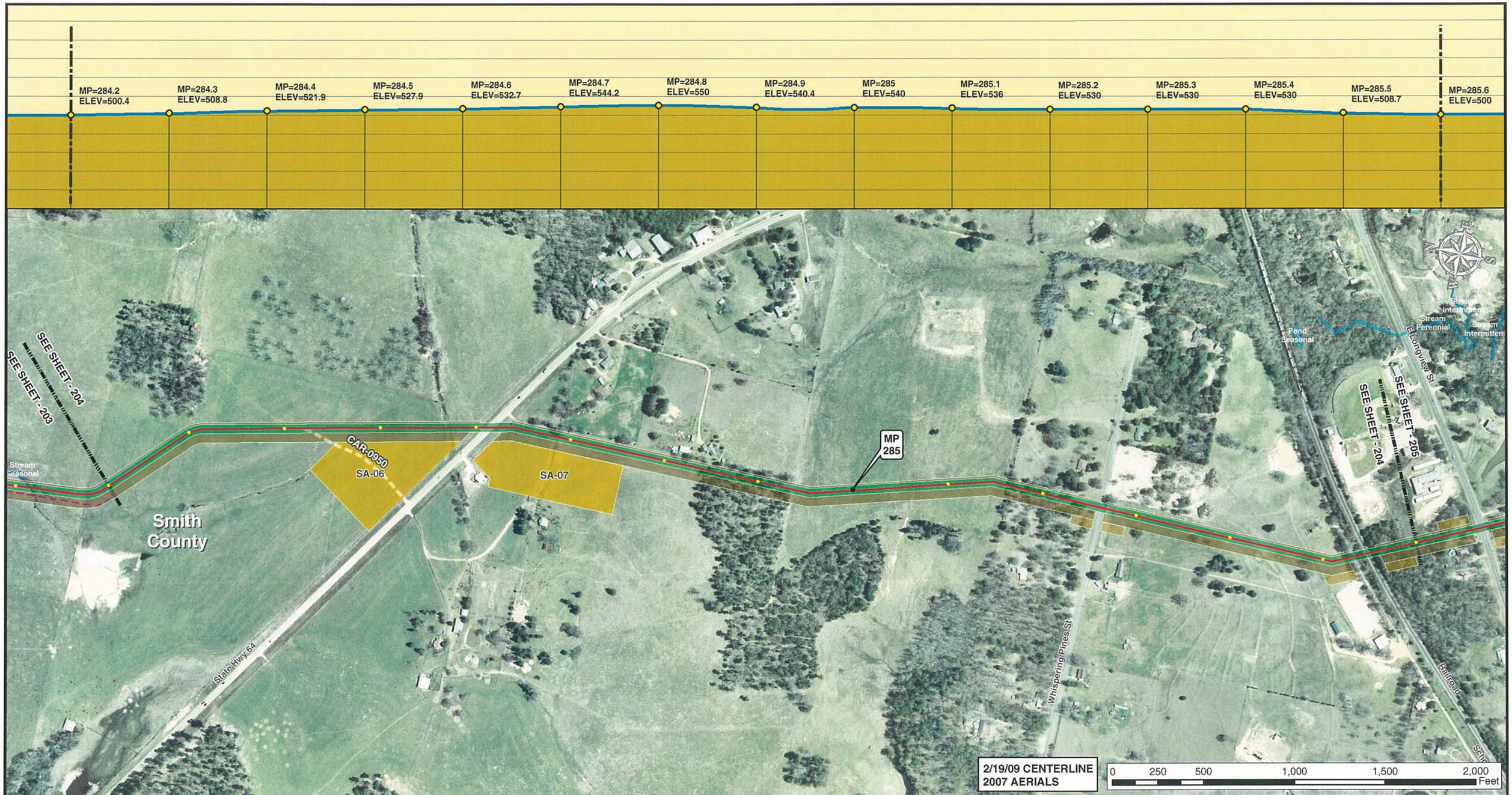
GS	SS	RG	50388X	XL-48 -ML-2002-P- 203-A	203	1



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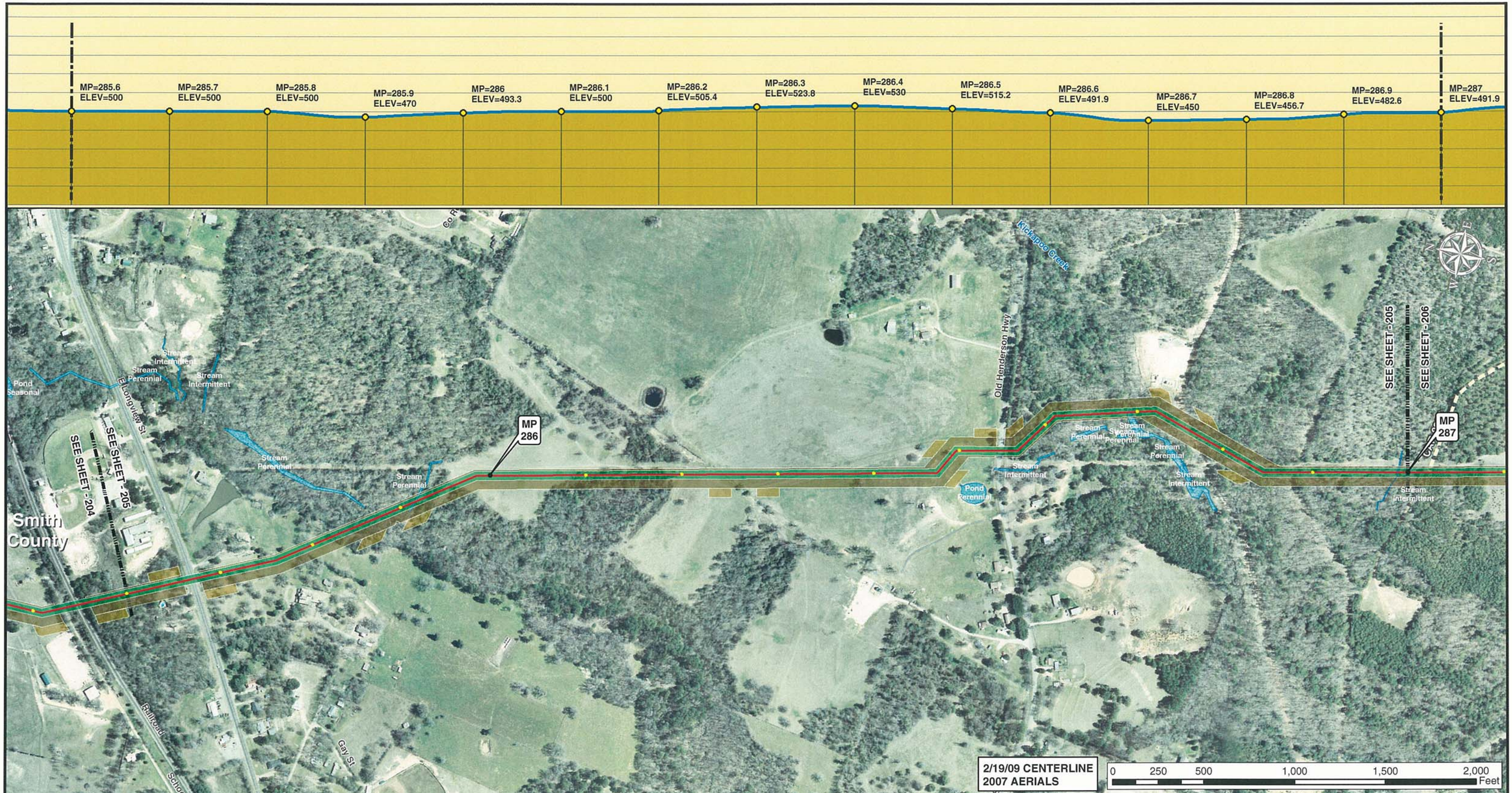
GS	SS	RG	50388X	XL-48 -ML-2002-P- 204-A	204	1



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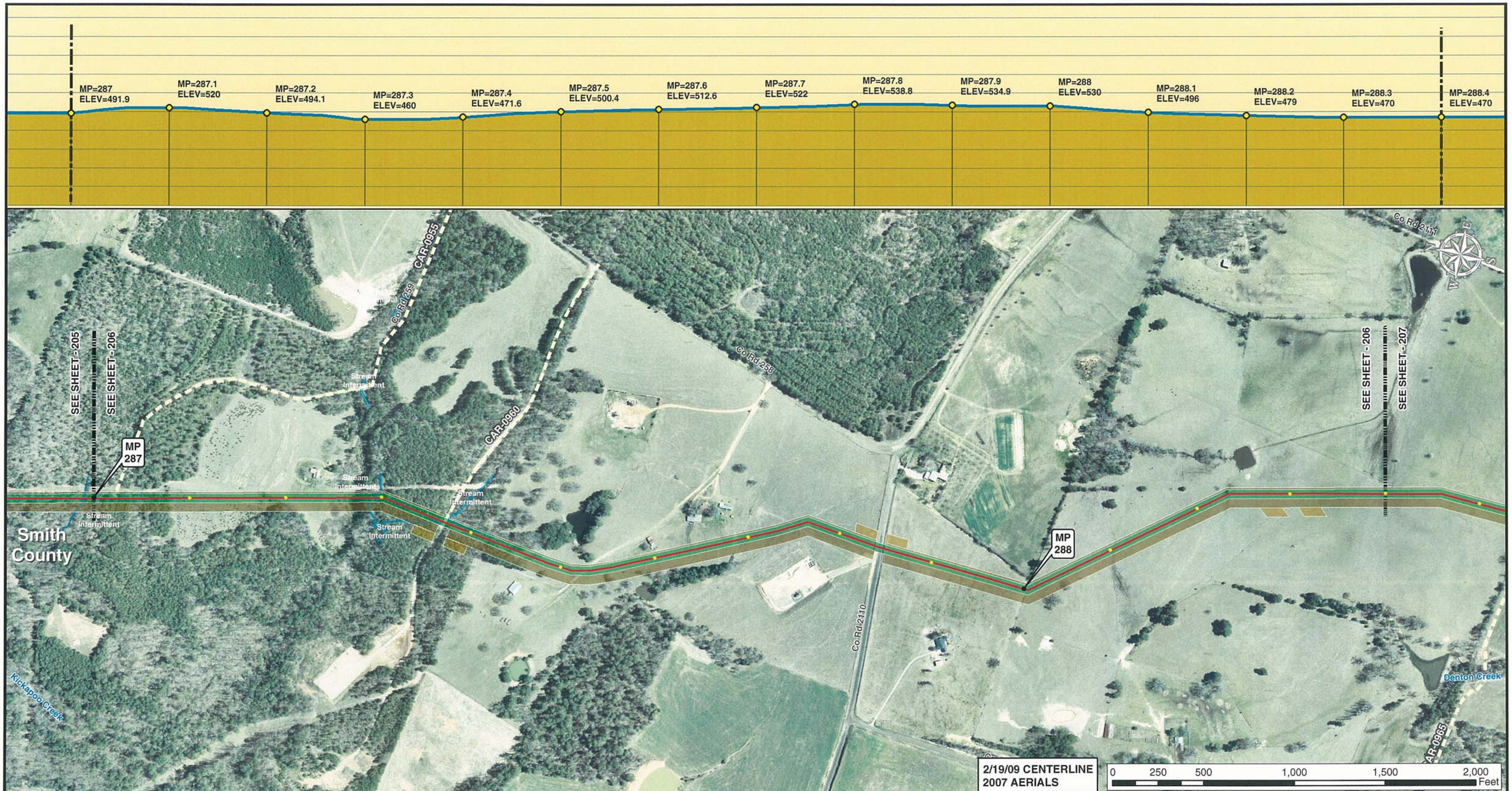

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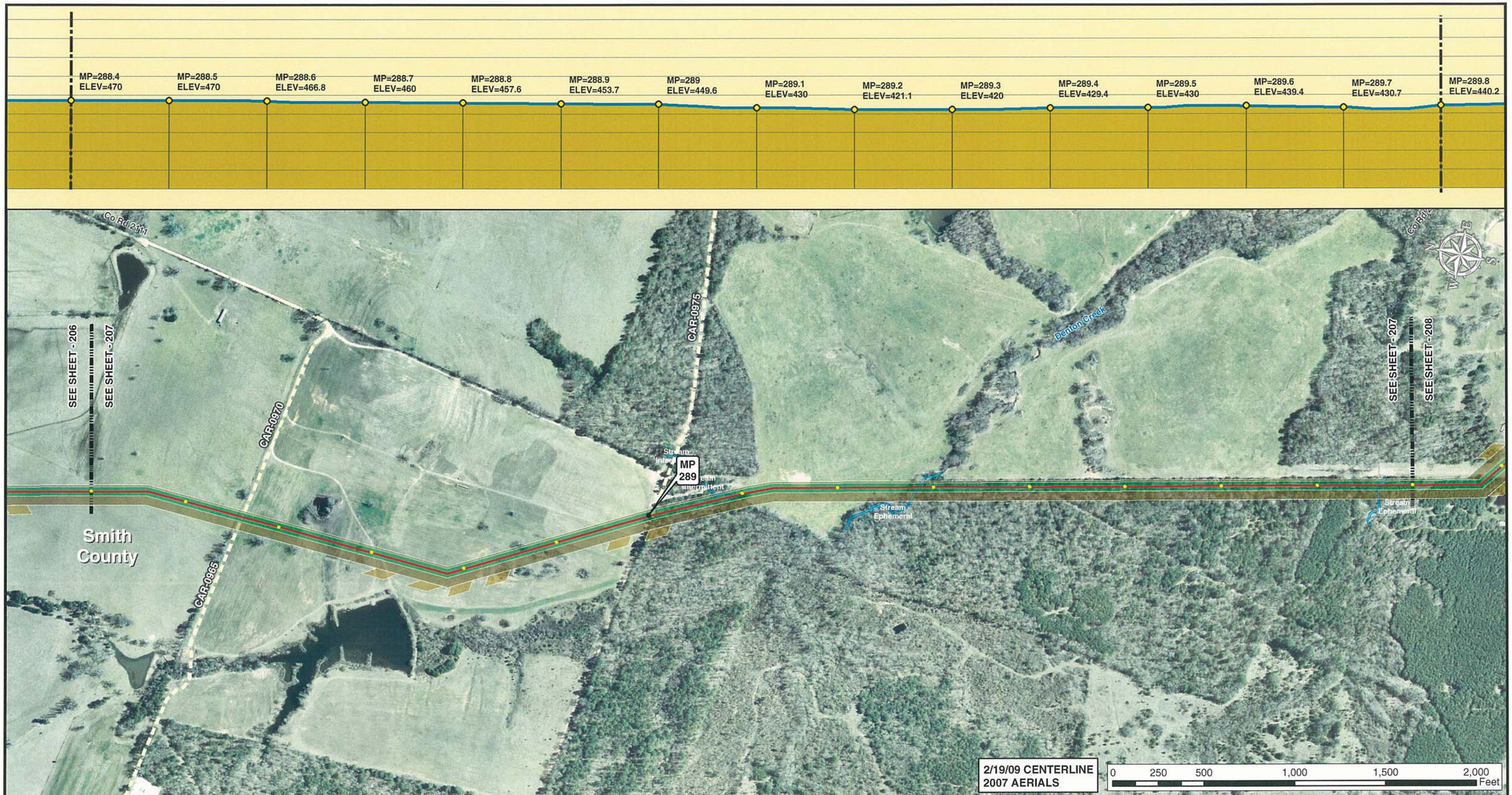
GS	SS	RG	50388X	XL-48 -ML-2002-P- 206-A	206	1



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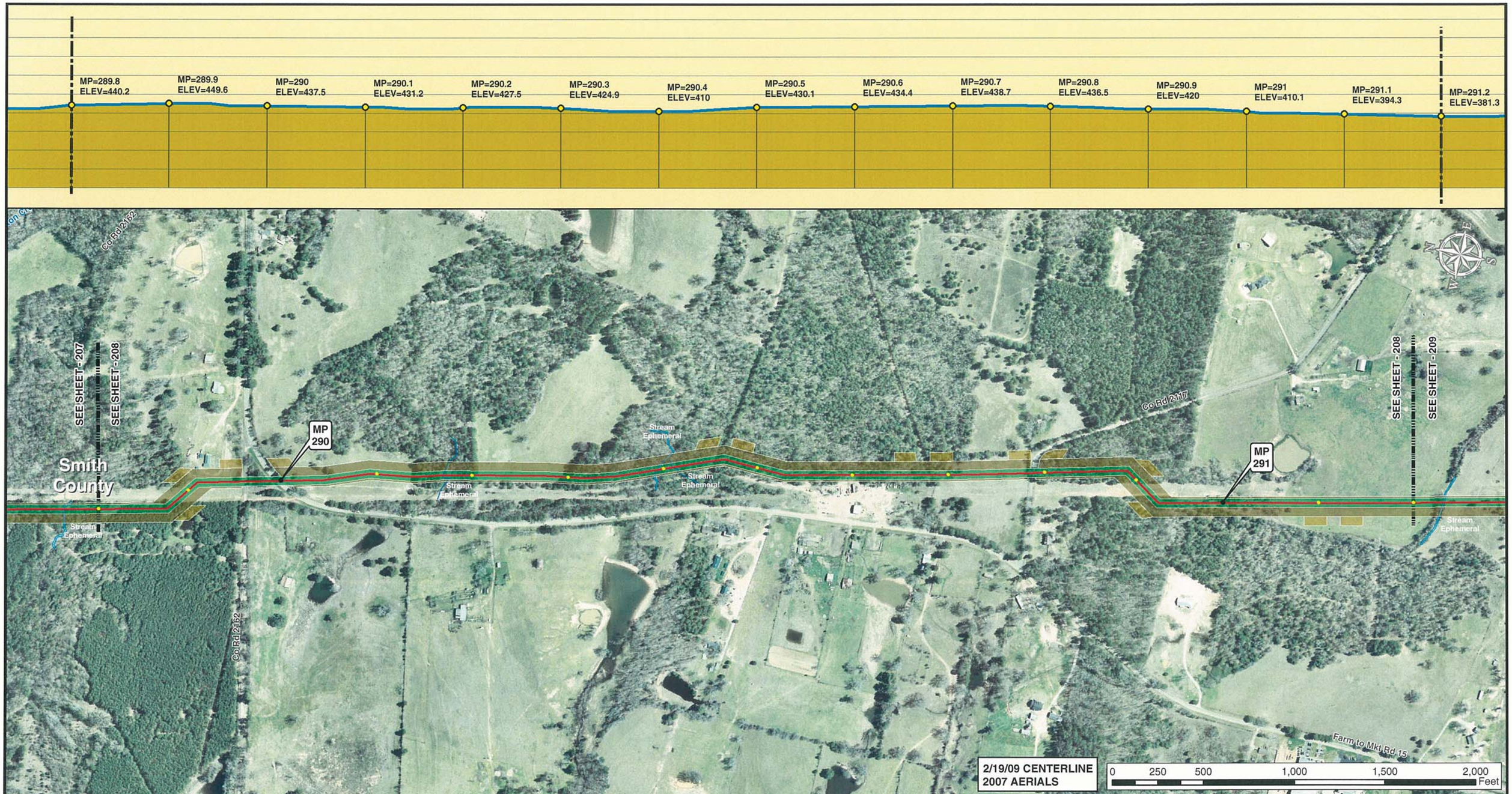

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- SECTION LINE

PREPARED BY:

TROW ENGINEERING CONSULTANTS INC.

1300 Metropolitan Boulevard, Suite 200
Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523

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0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

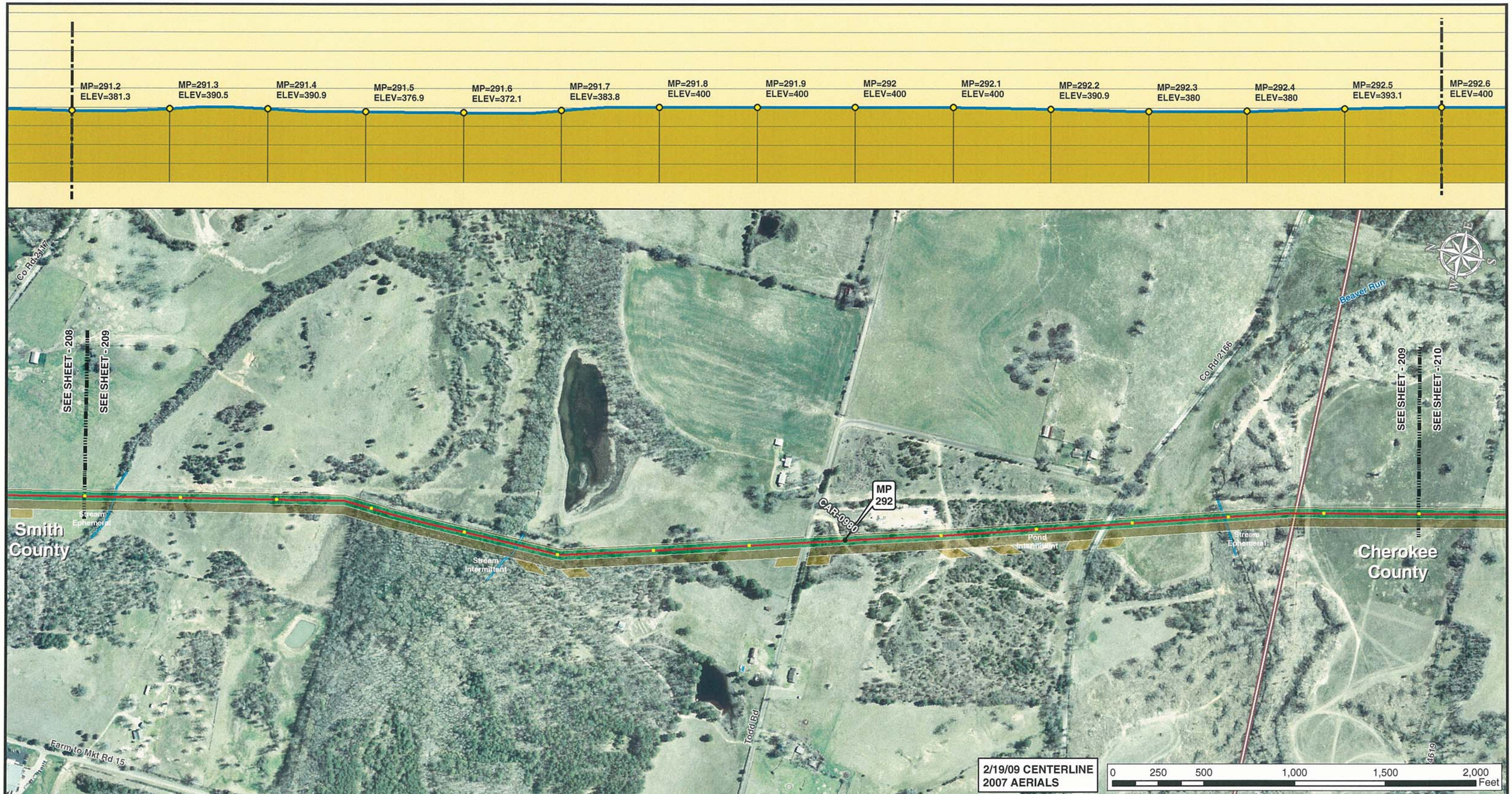
ConocoPhillips

TransCanada — In business to deliver

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
SMITH COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 208-A	208	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
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SMITH COUNTY, TEXAS

MAP PARAMETERS
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SCALE: 1: 6000 ; 1" = 500'

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GS	SS	RG	50388X	XL-48 -ML-2002-P- 209-A	209	1

Legend

- MILE POST
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- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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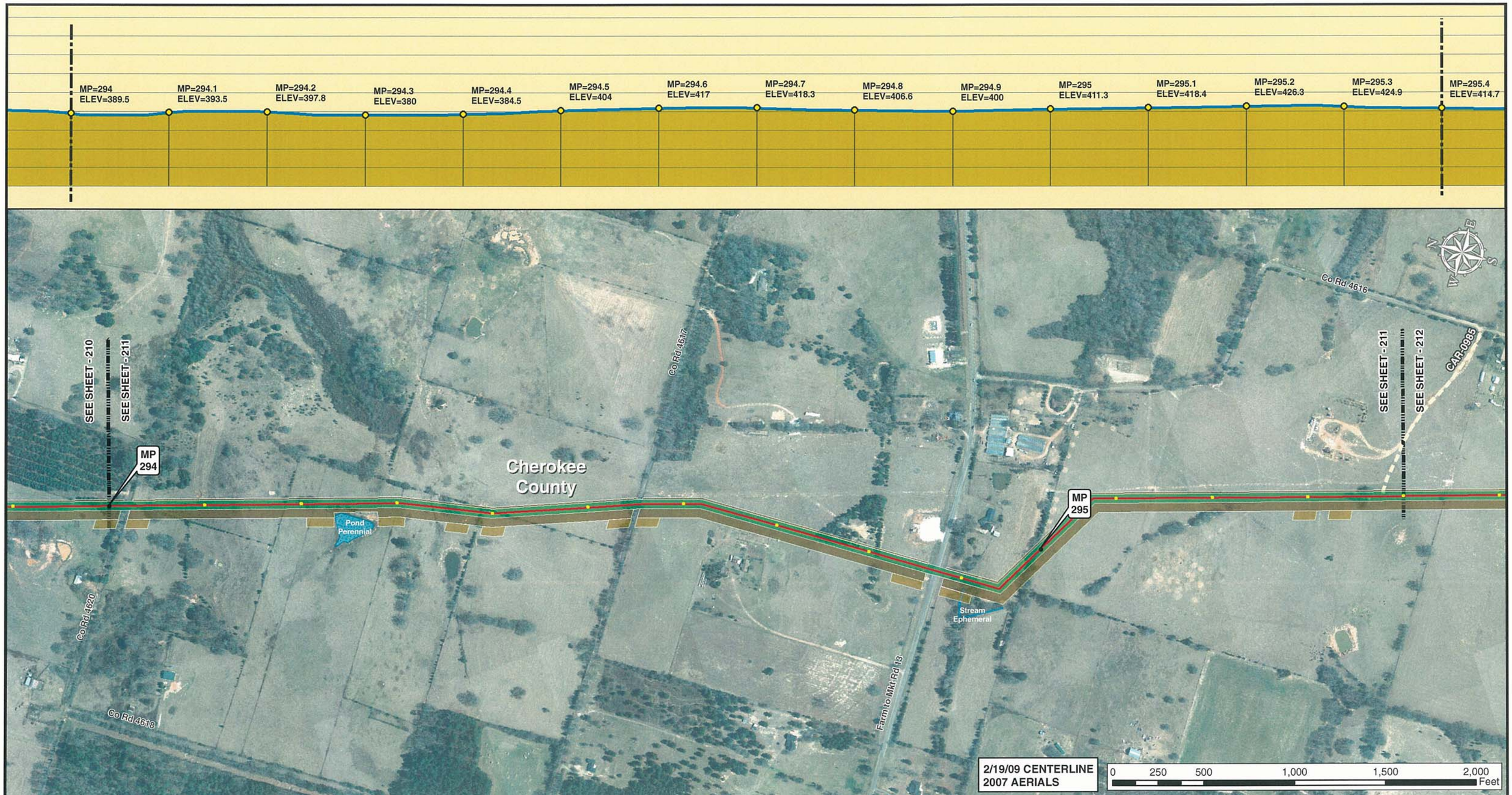
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
CHEROKEE COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 210-A	210	1



Legend

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- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
CHEROKEE COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

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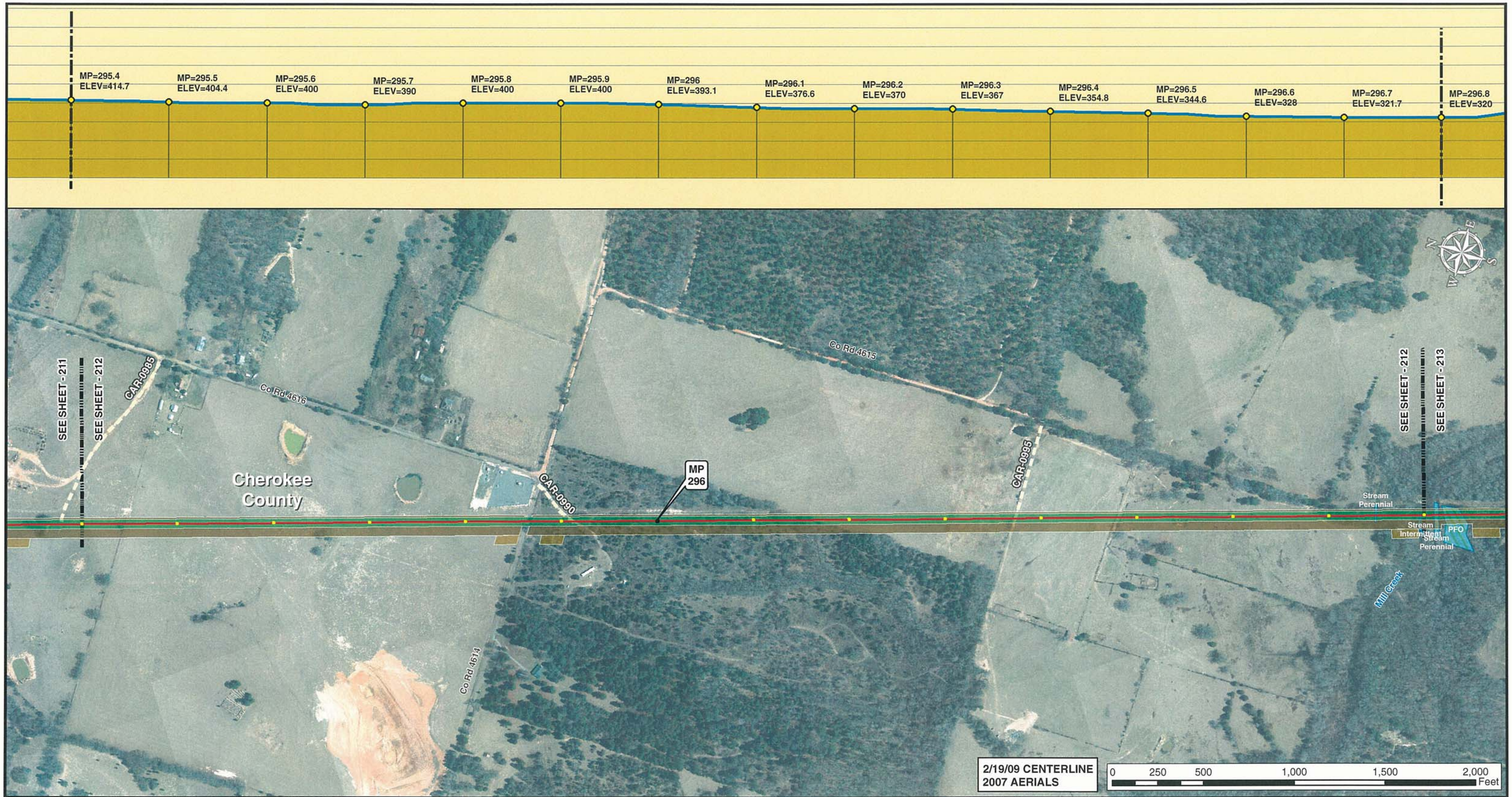
GS	SS	RG	50388X	XL-48 -ML-2002-P- 211-A	211	1



Legend

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- KEYSTONE XL PROJECT
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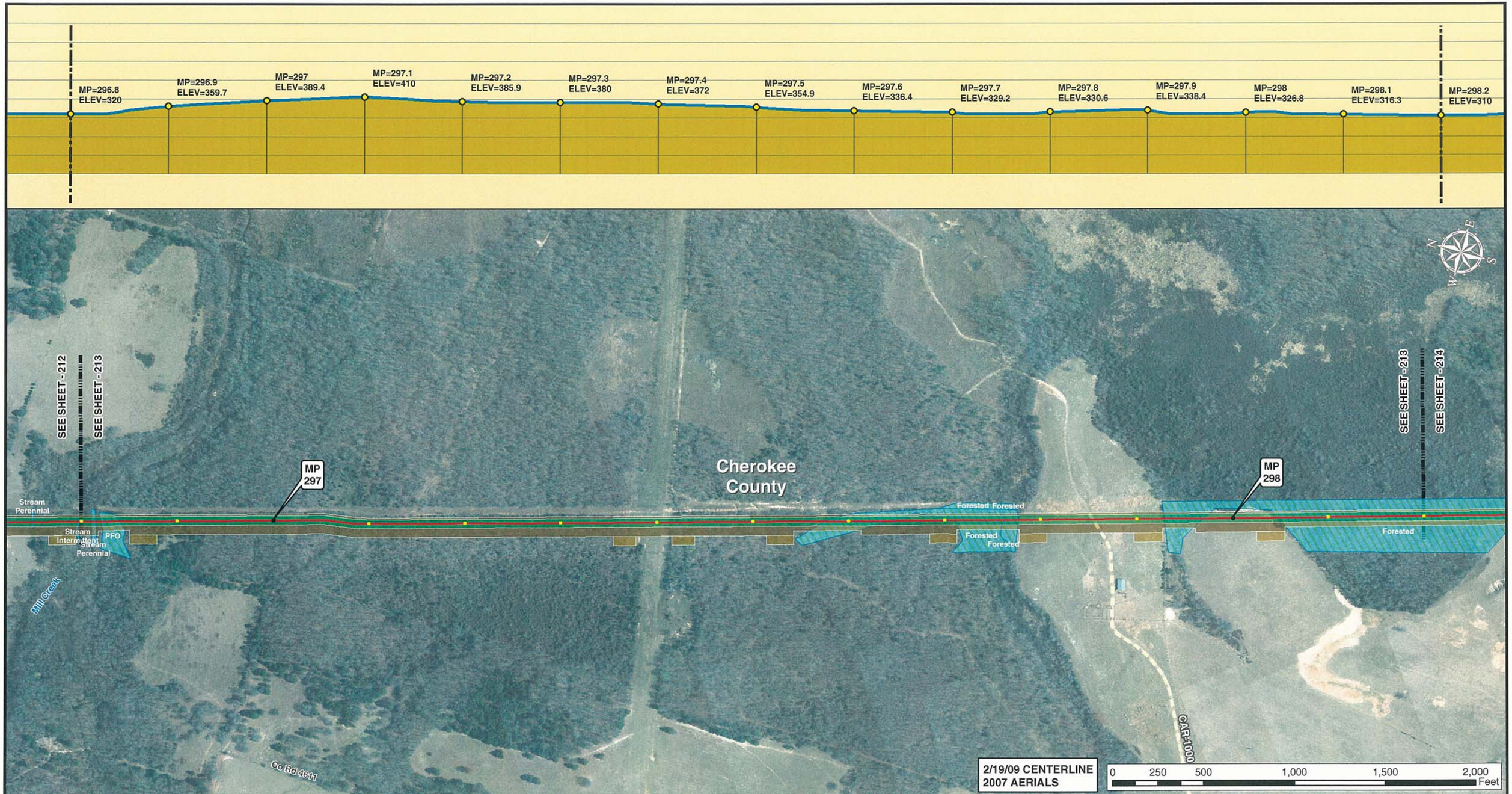
GS	SS	RG	50388X	XL-48 -ML-2002-P- 212-A	212	1



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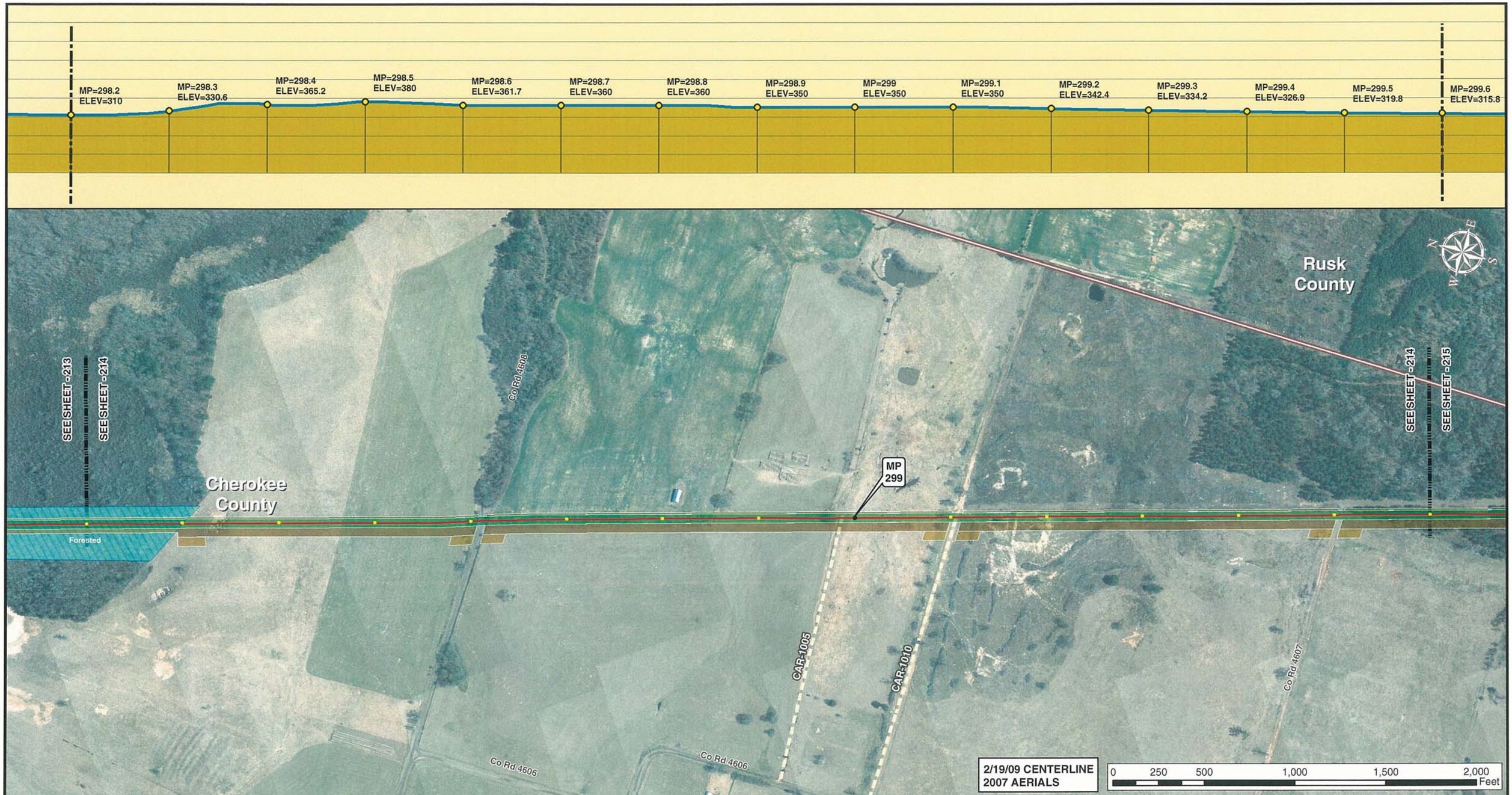

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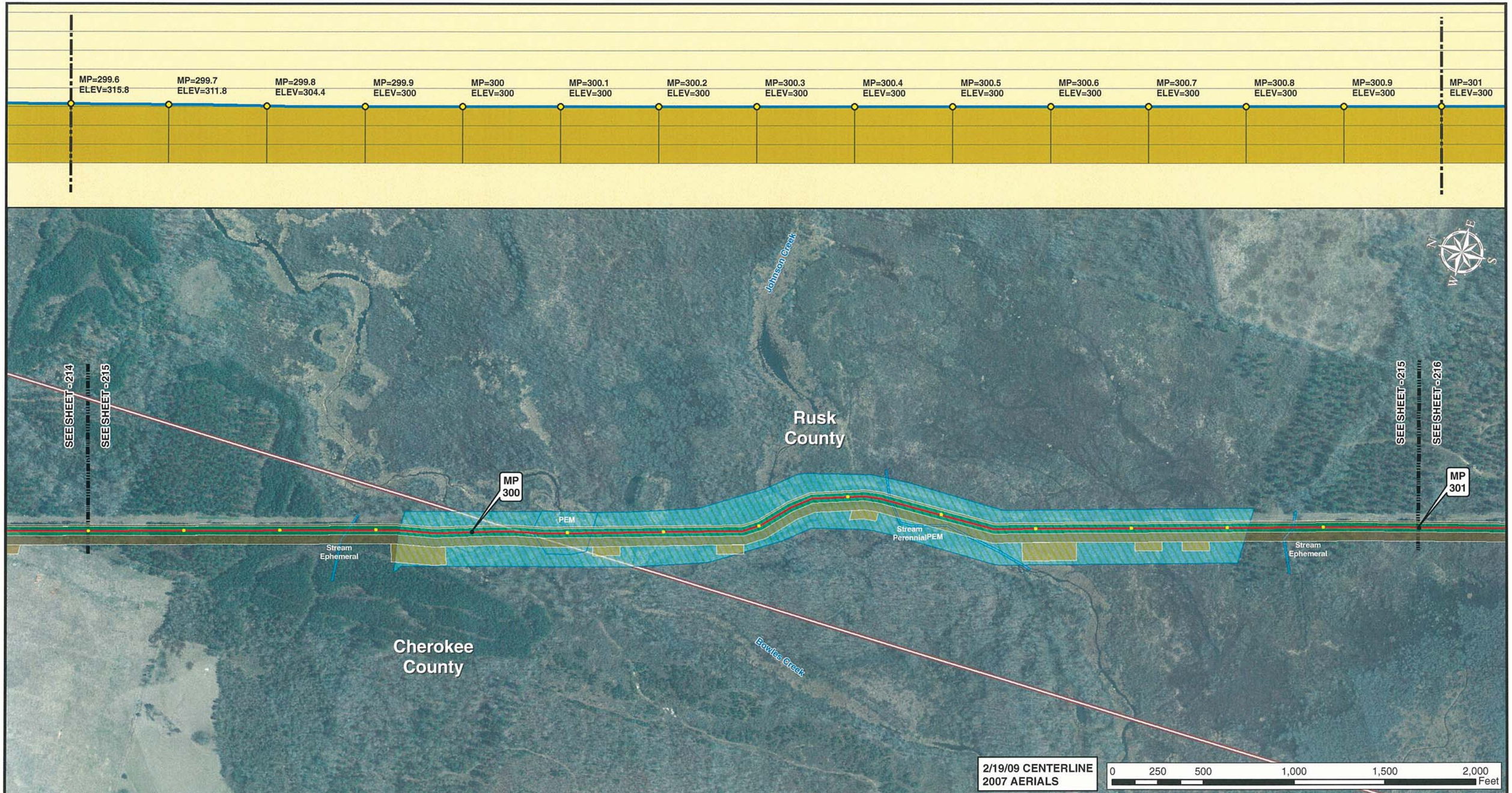
GS	SS	RG	50388X	XL-48 -ML-2002-P- 214-A	214	1



Legend

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RUSK COUNTY, TEXAS

MAP PARAMETERS
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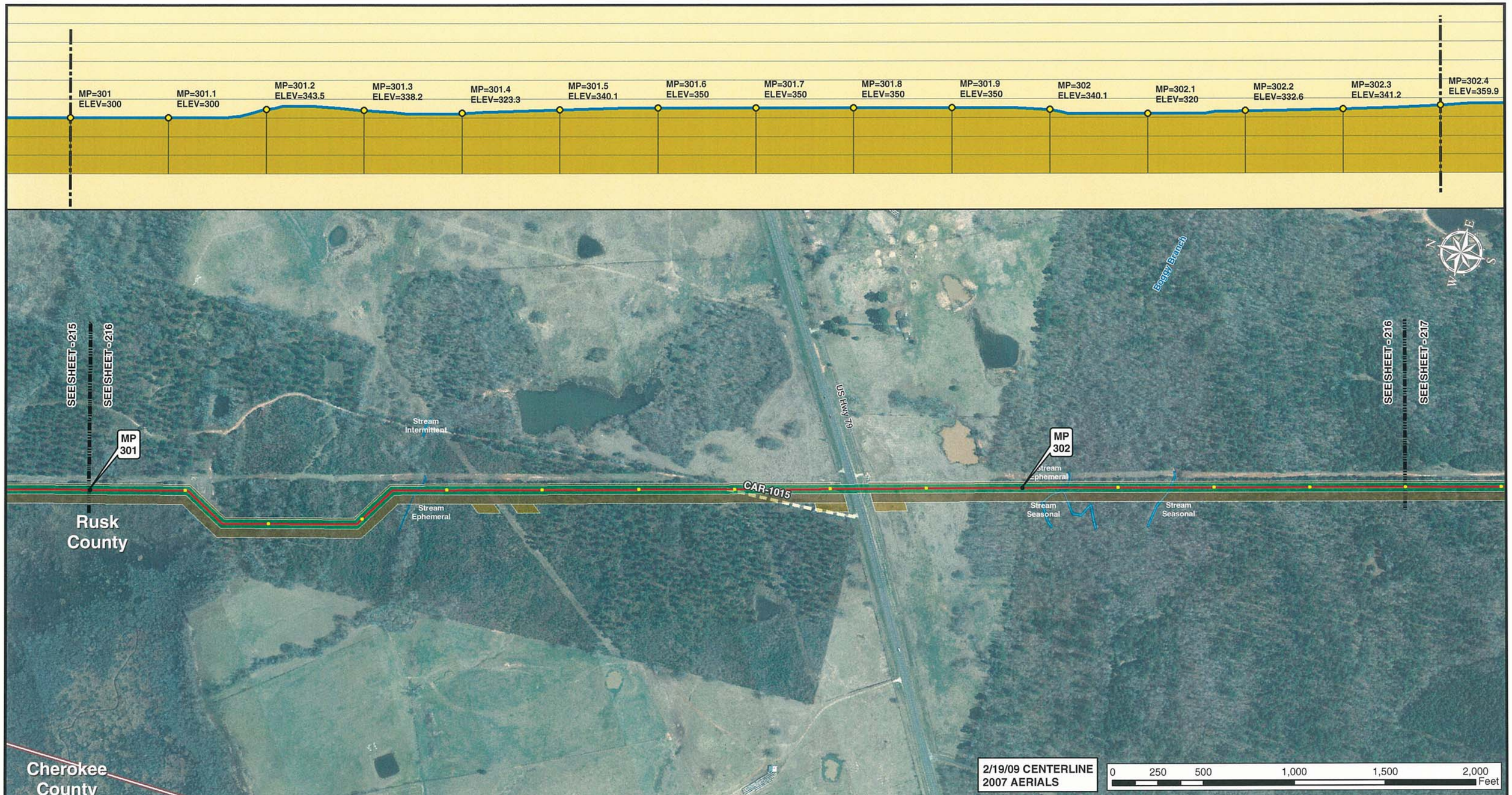
GS	SS	RG	50388X	XL-48 -ML-2002-P- 215-A	215	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
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KEYSTONE XL PROJECT
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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
RUSK COUNTY, TEXAS

MAP PARAMETERS
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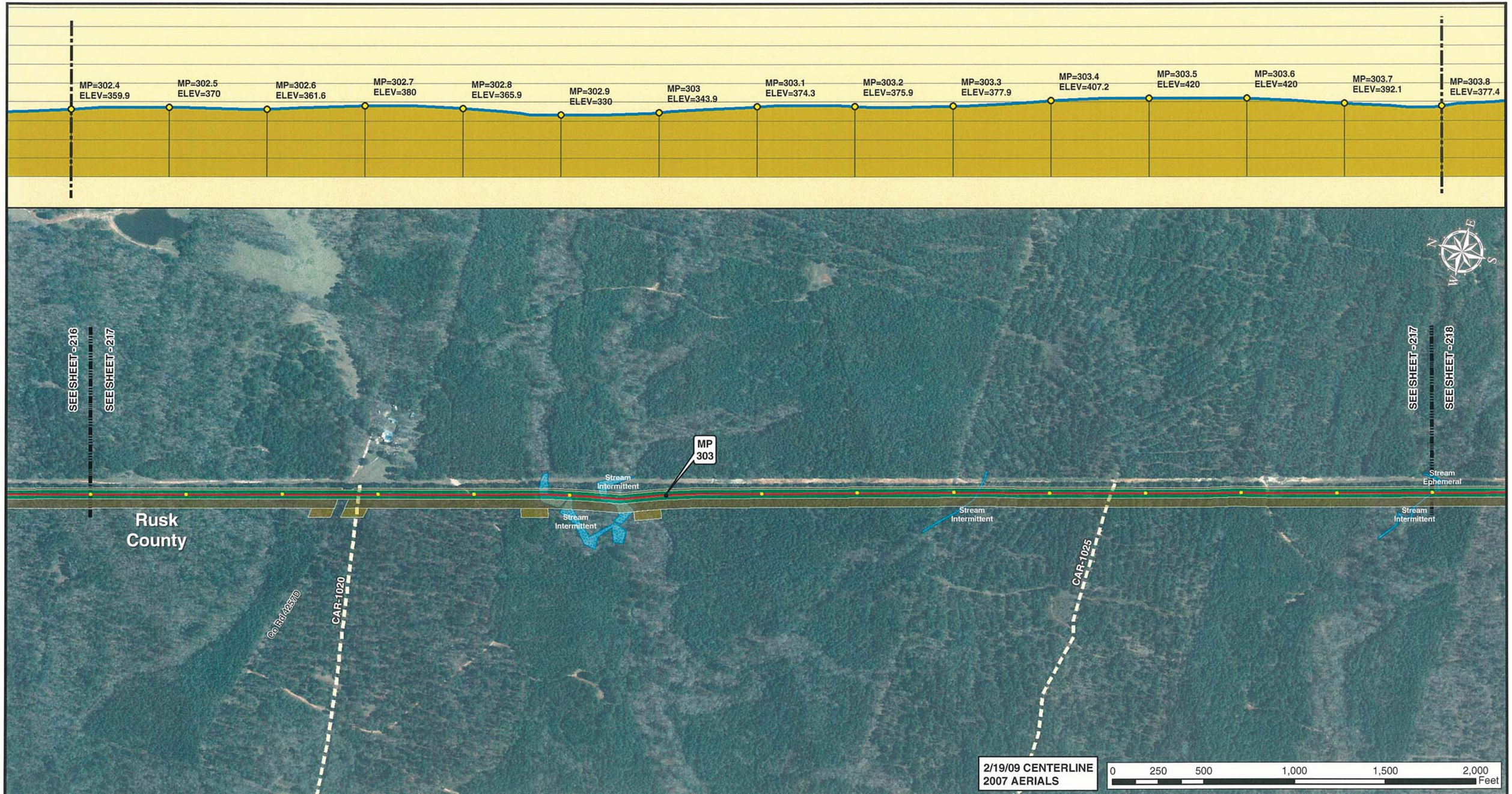
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 216-A	216	1



Legend

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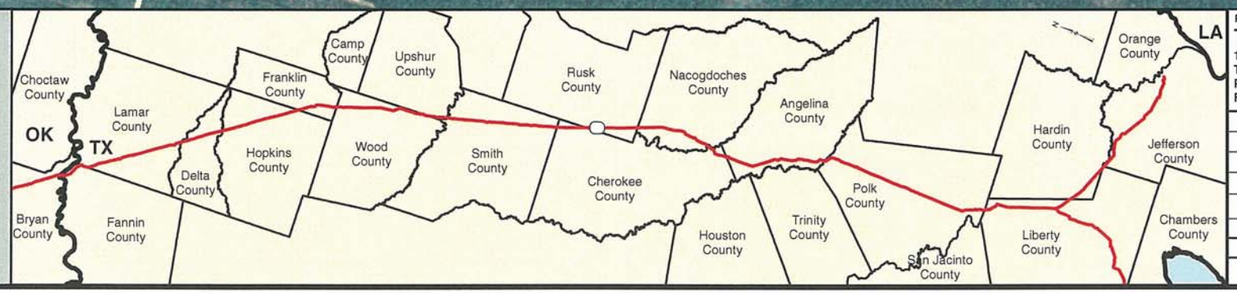

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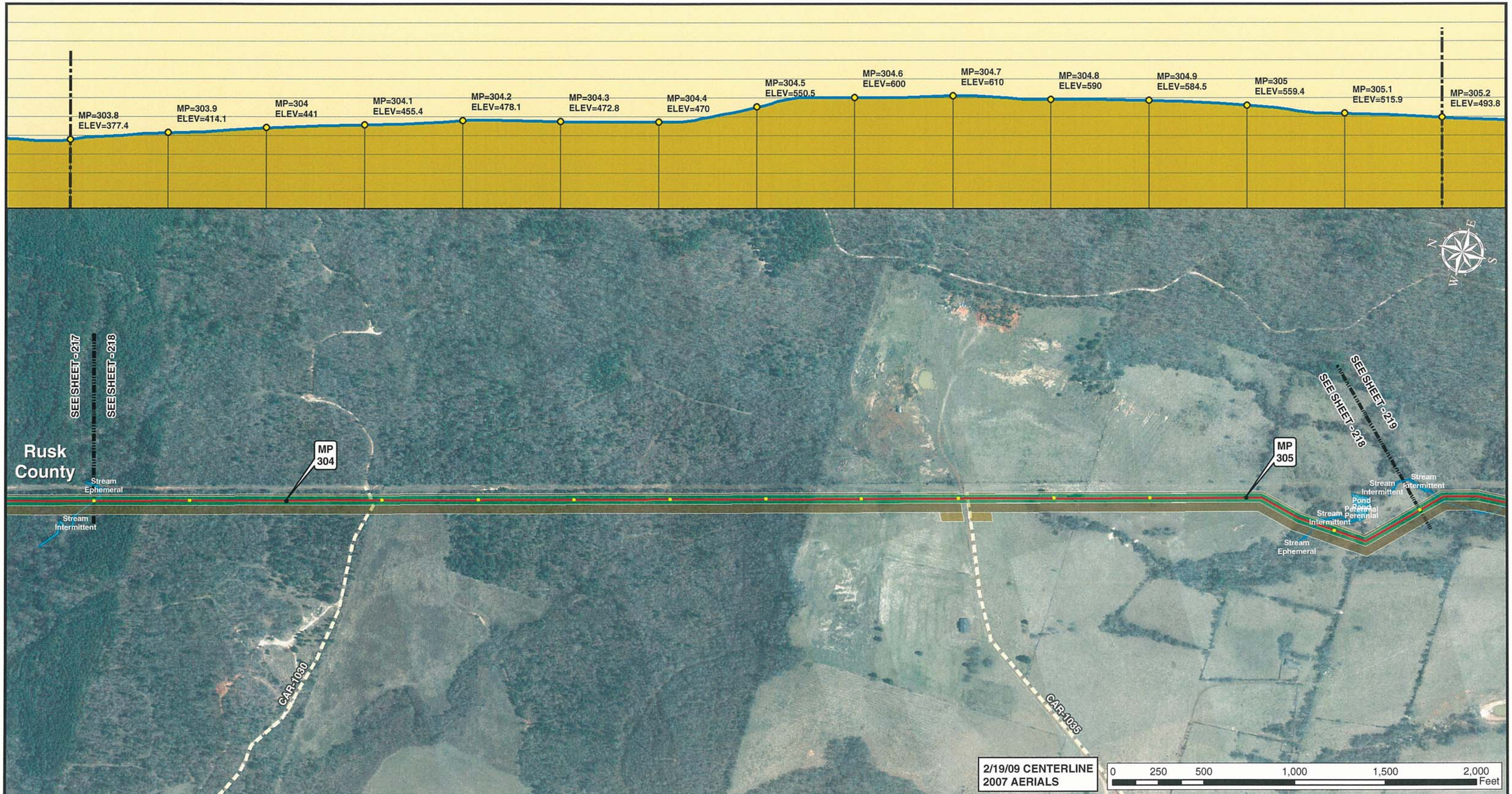
GS	SS	RG	50388X	XL-48 -ML-2002-P- 217-A	217	1



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ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
RUSK COUNTY, TEXAS

MAP PARAMETERS
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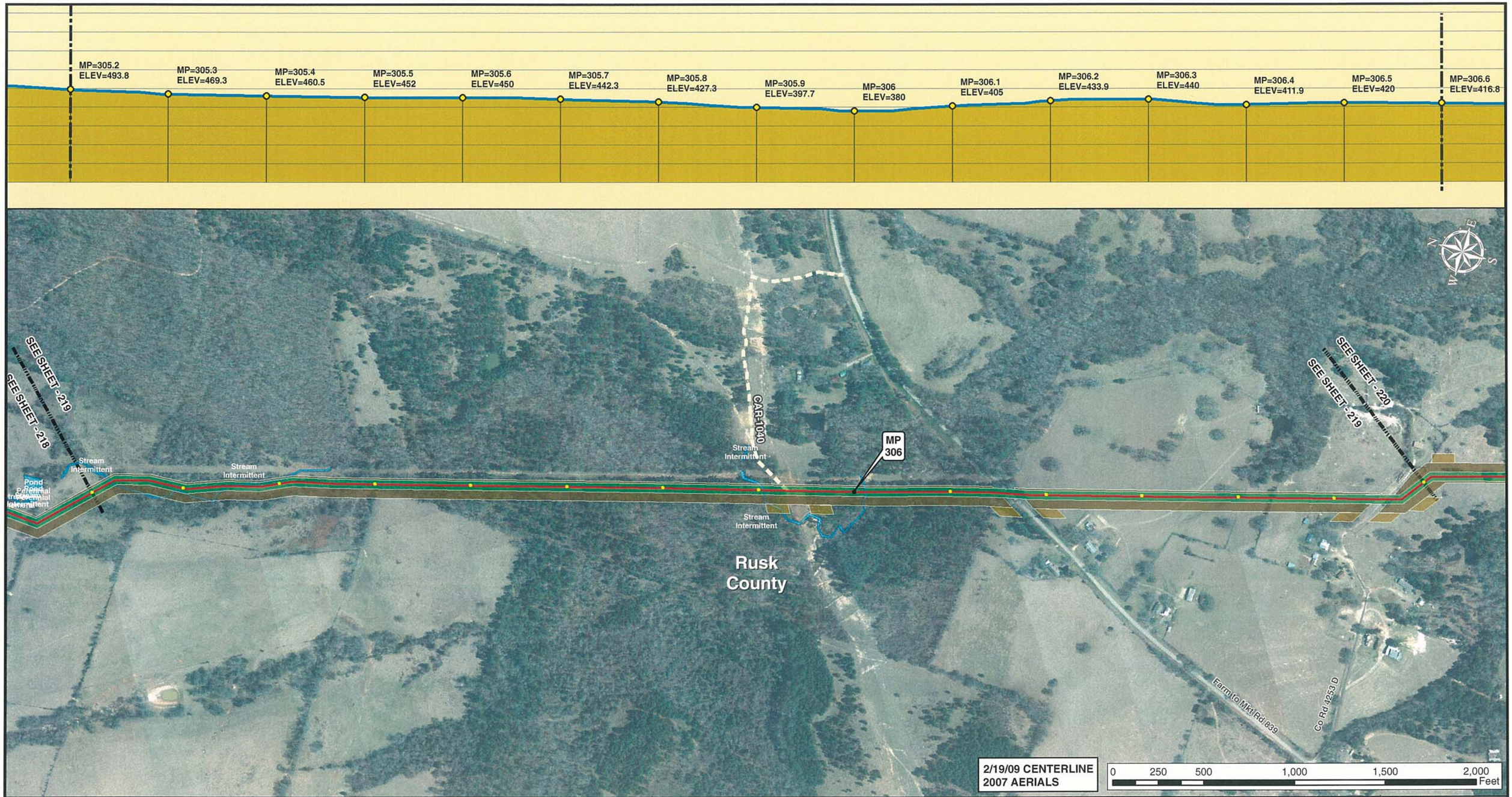
GS	SS	RG	50388X	XL-48 -ML-2002-P- 218-A	218	1



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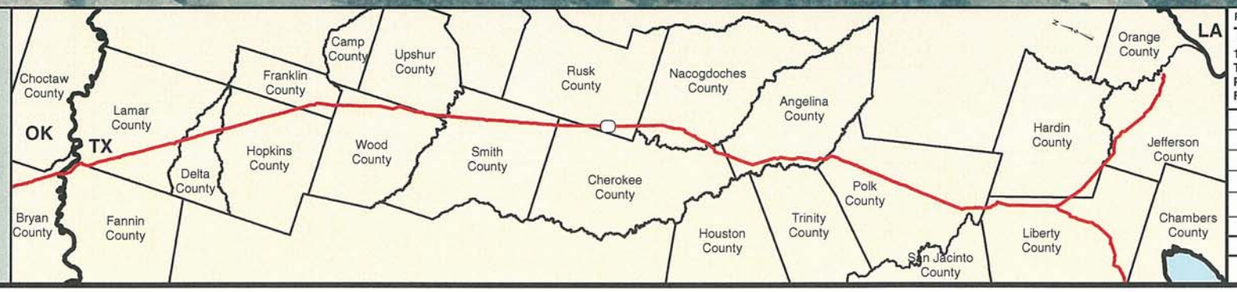

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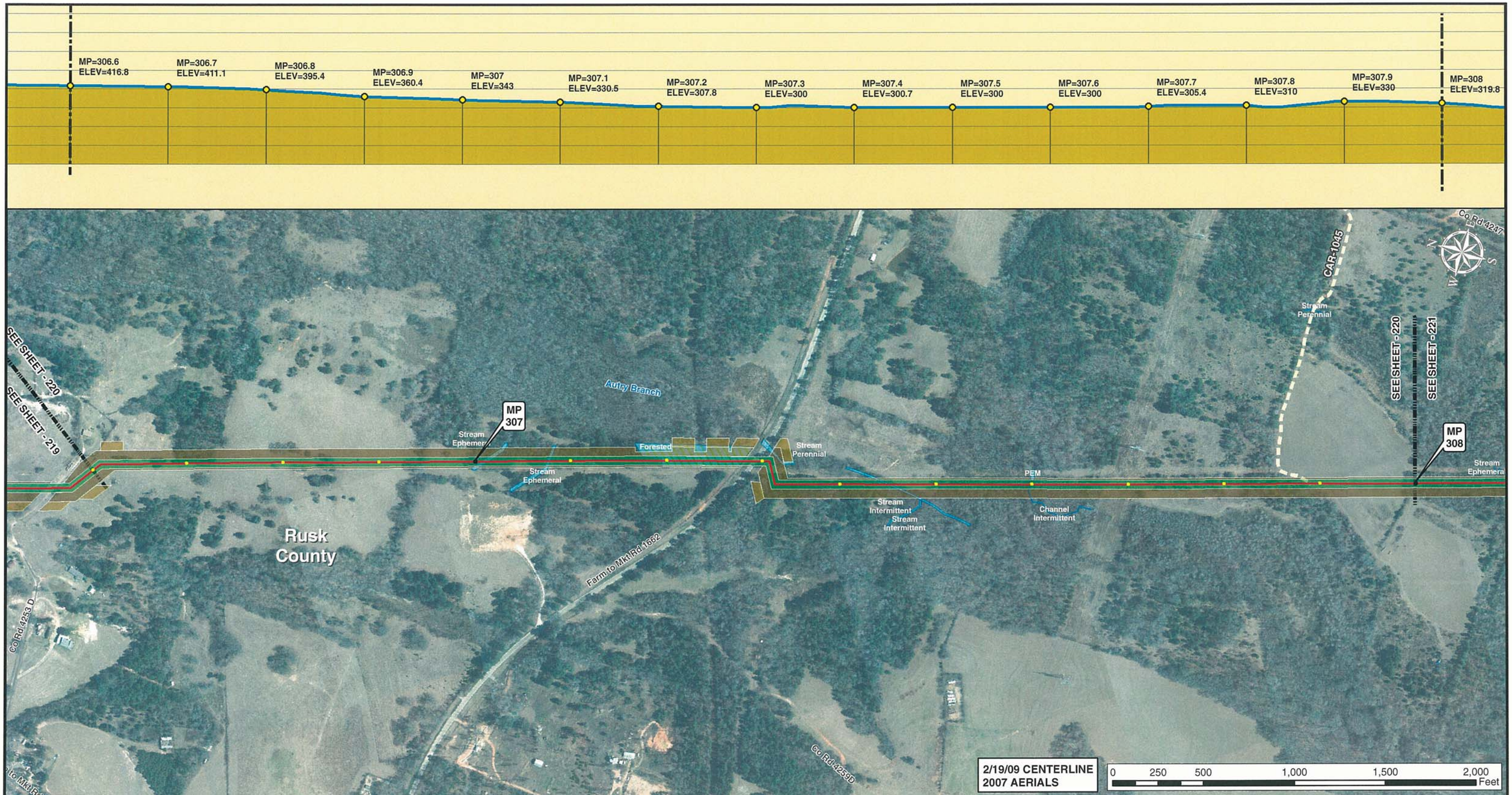
GS	SS	RG	50388X	XL-48 -ML-2002-P- 219-A	219	1



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RUSK COUNTY, TEXAS

MAP PARAMETERS
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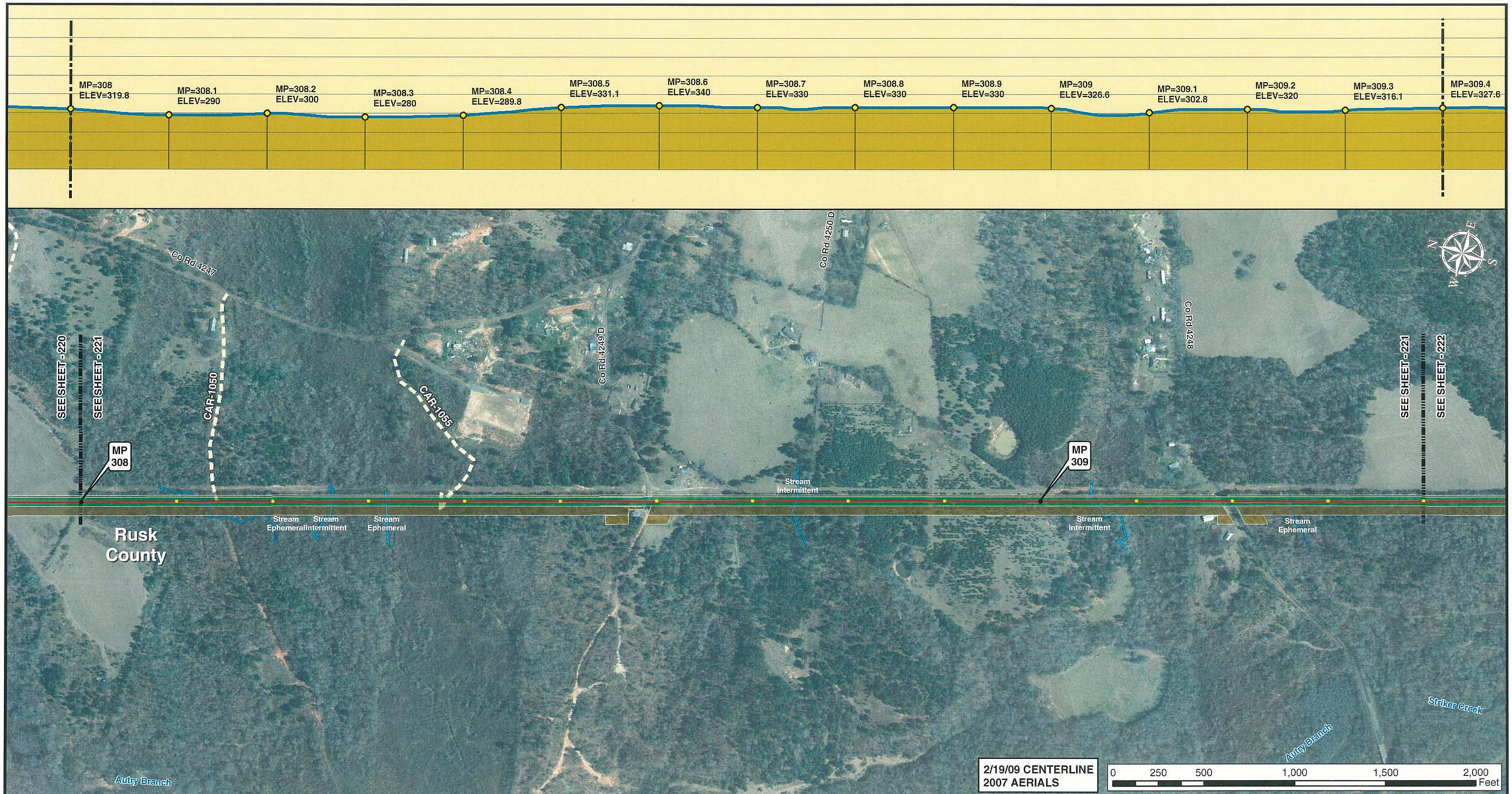
GS	SS	RG	50388X	XL-48 -ML-2002-P- 220-A	220	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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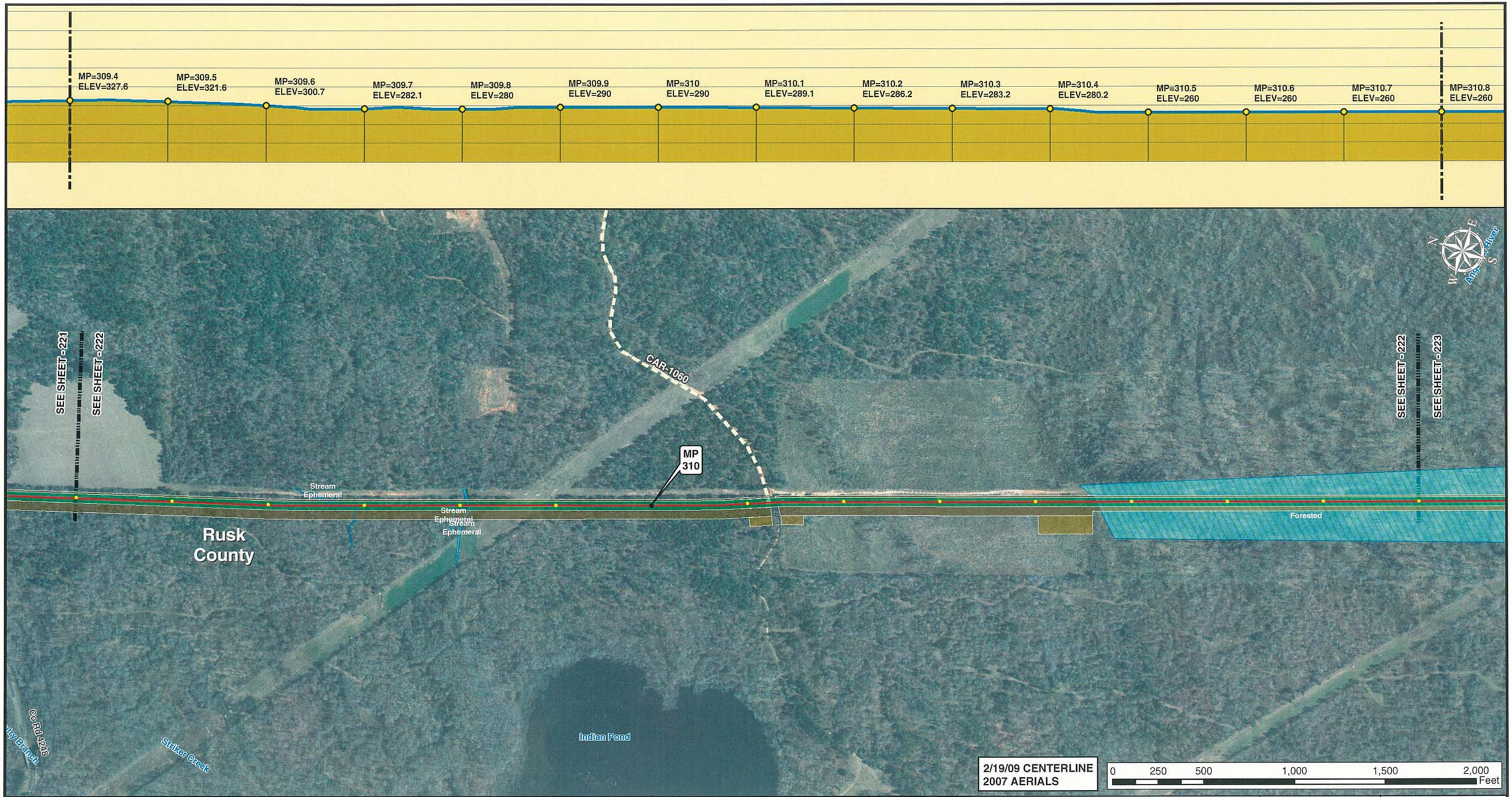
GS	SS	RG	50388X	XL-48 -ML-2002-P- 221-A	221	1



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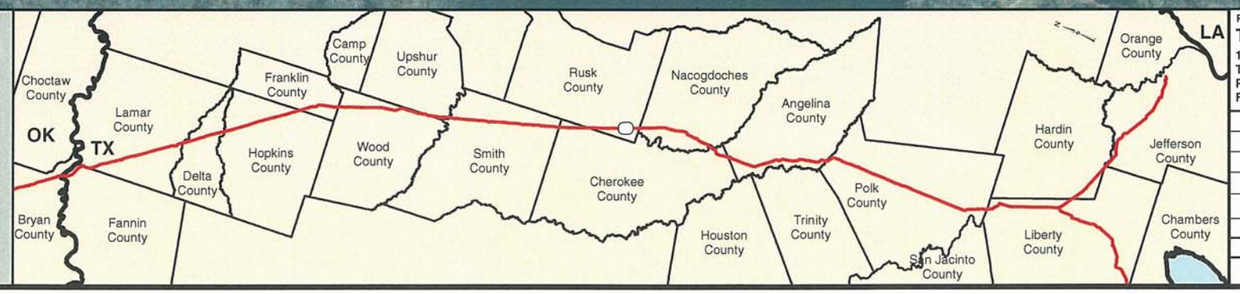

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TROW ENGINEERING CONSULTANTS INC.

1300 Metropolitan Boulevard, Suite 200
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Phone: 1-850-385-5441
Fax: 1-850-385-5523

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0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

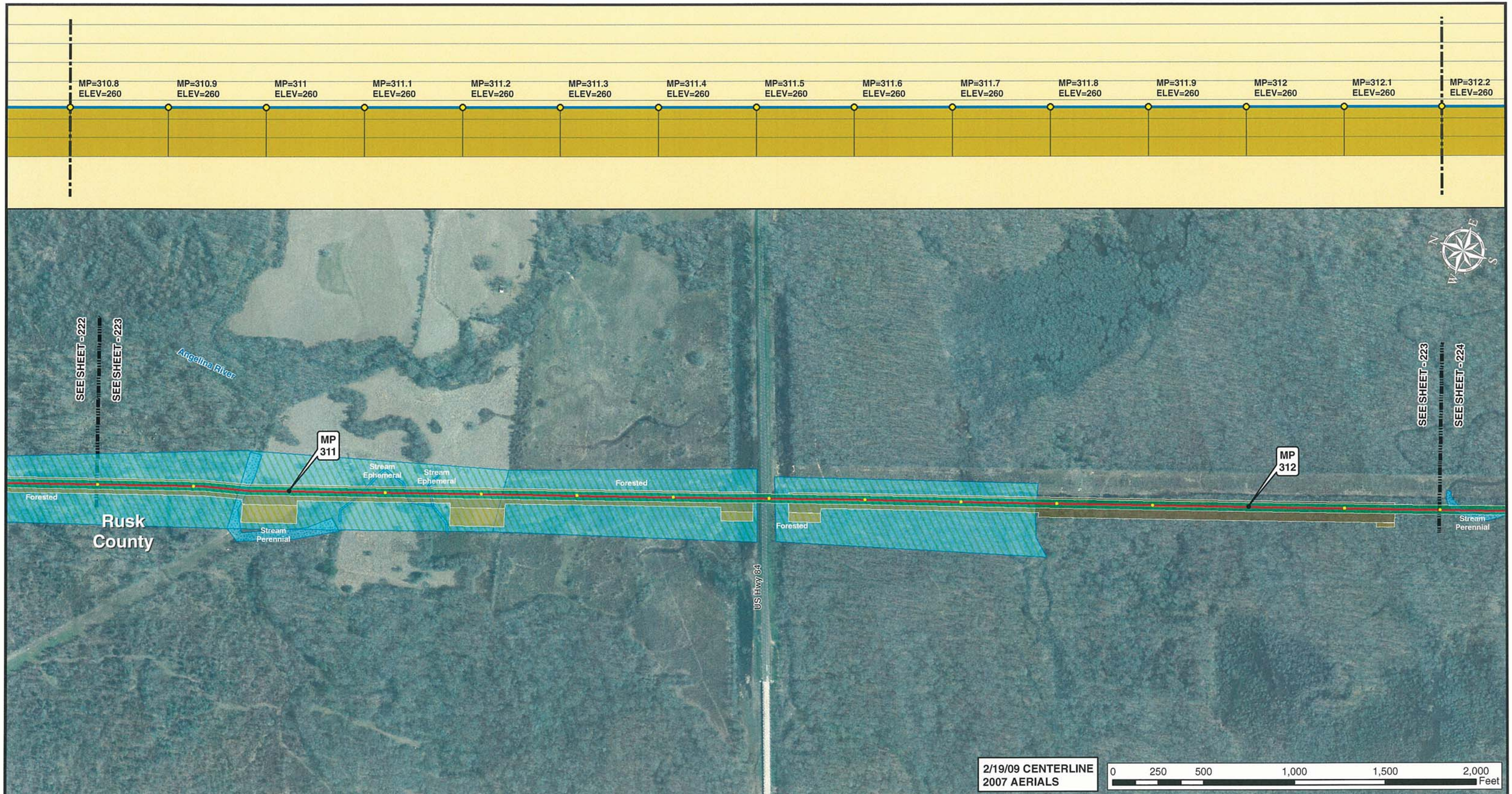
ConocoPhillips

TransCanada — In business to deliver

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
RUSK COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 222-A	222	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
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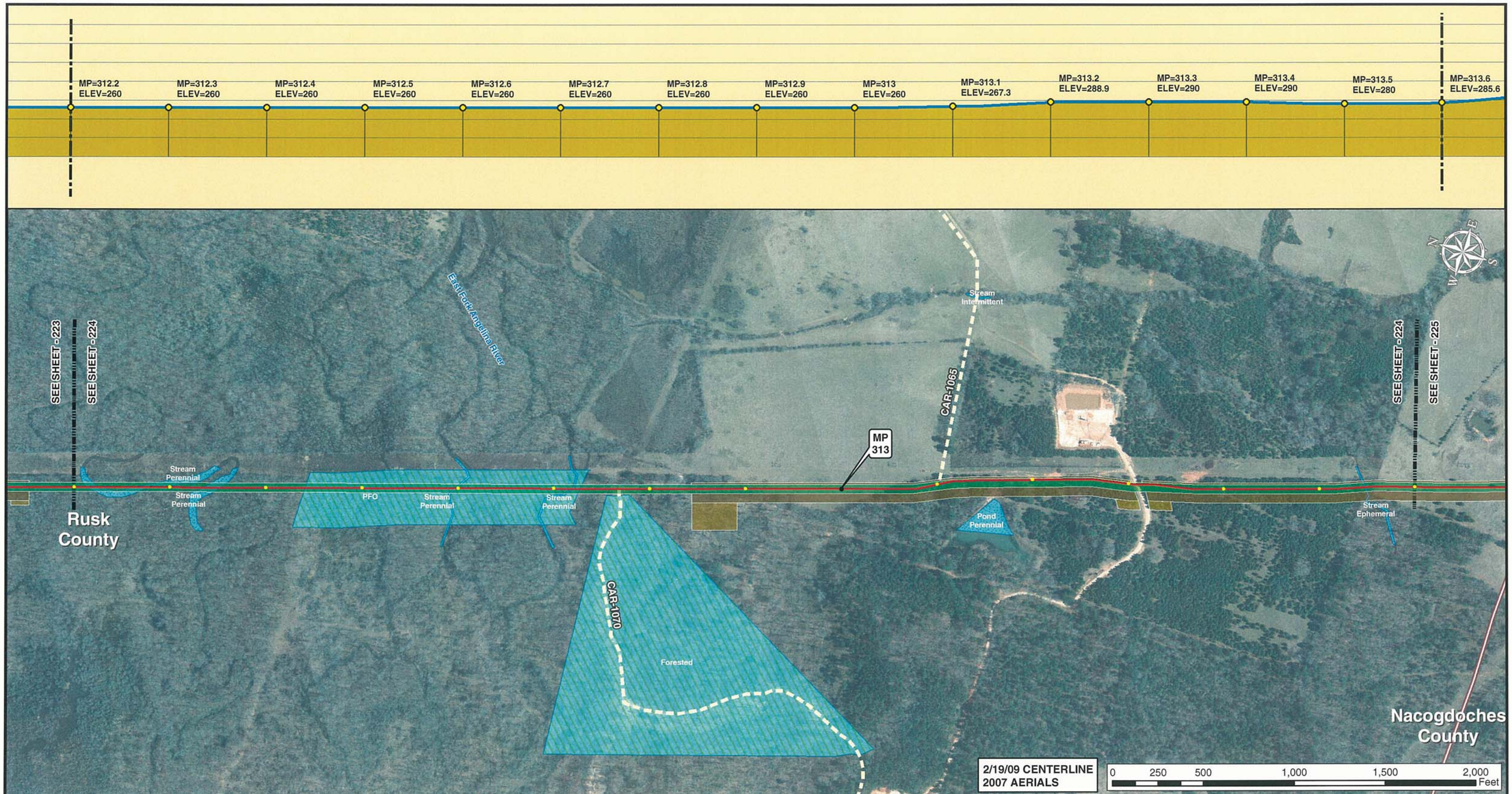
GS	SS	RG	50388X	XL-48 -ML-2002-P- 223-A	223	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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RUSK COUNTY, TEXAS

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SCALE: 1: 6000 ; 1" = 500'

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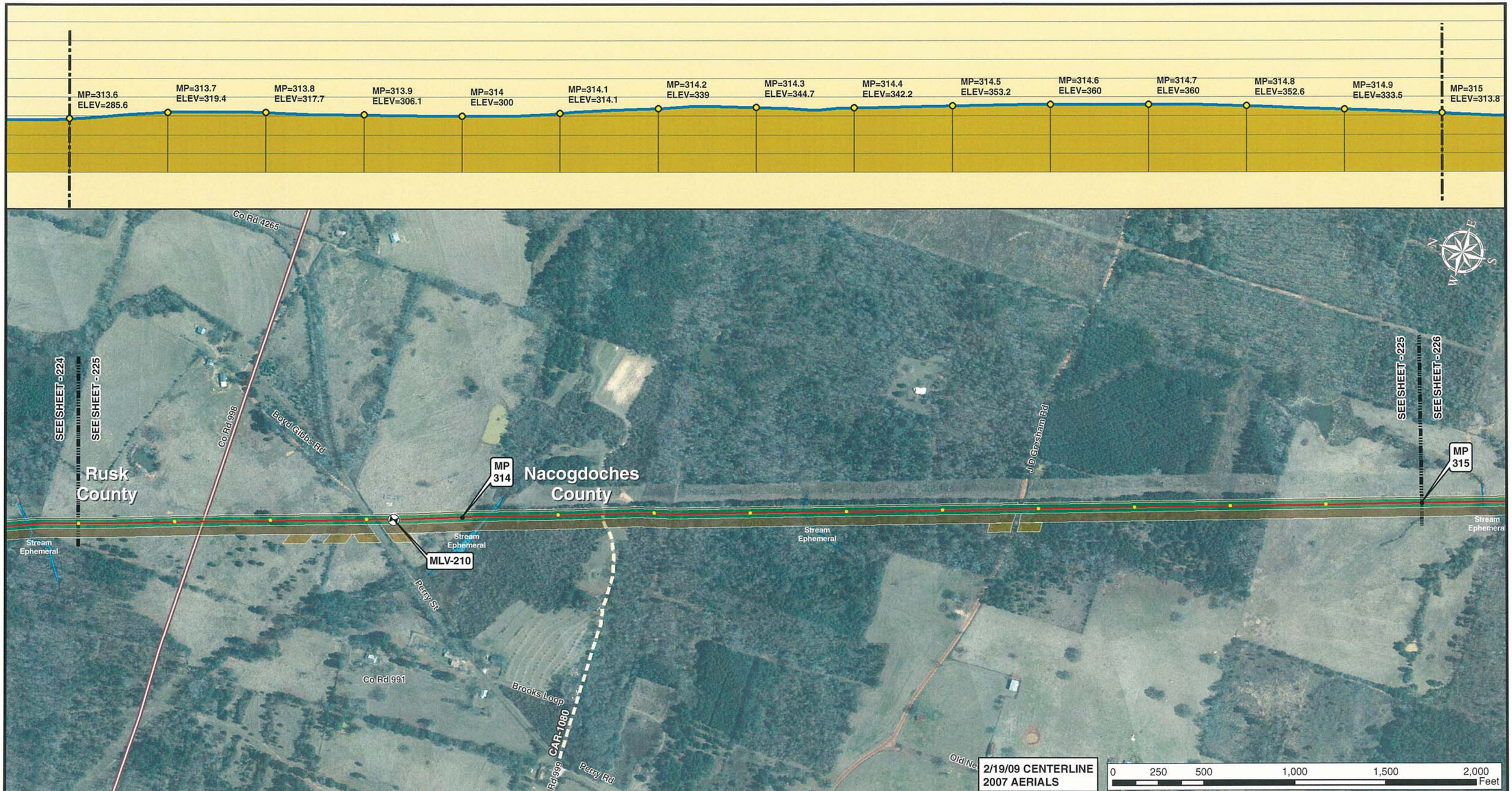
GS	SS	RG	50388X	XL-48 -ML-2002-P- 224-A	224	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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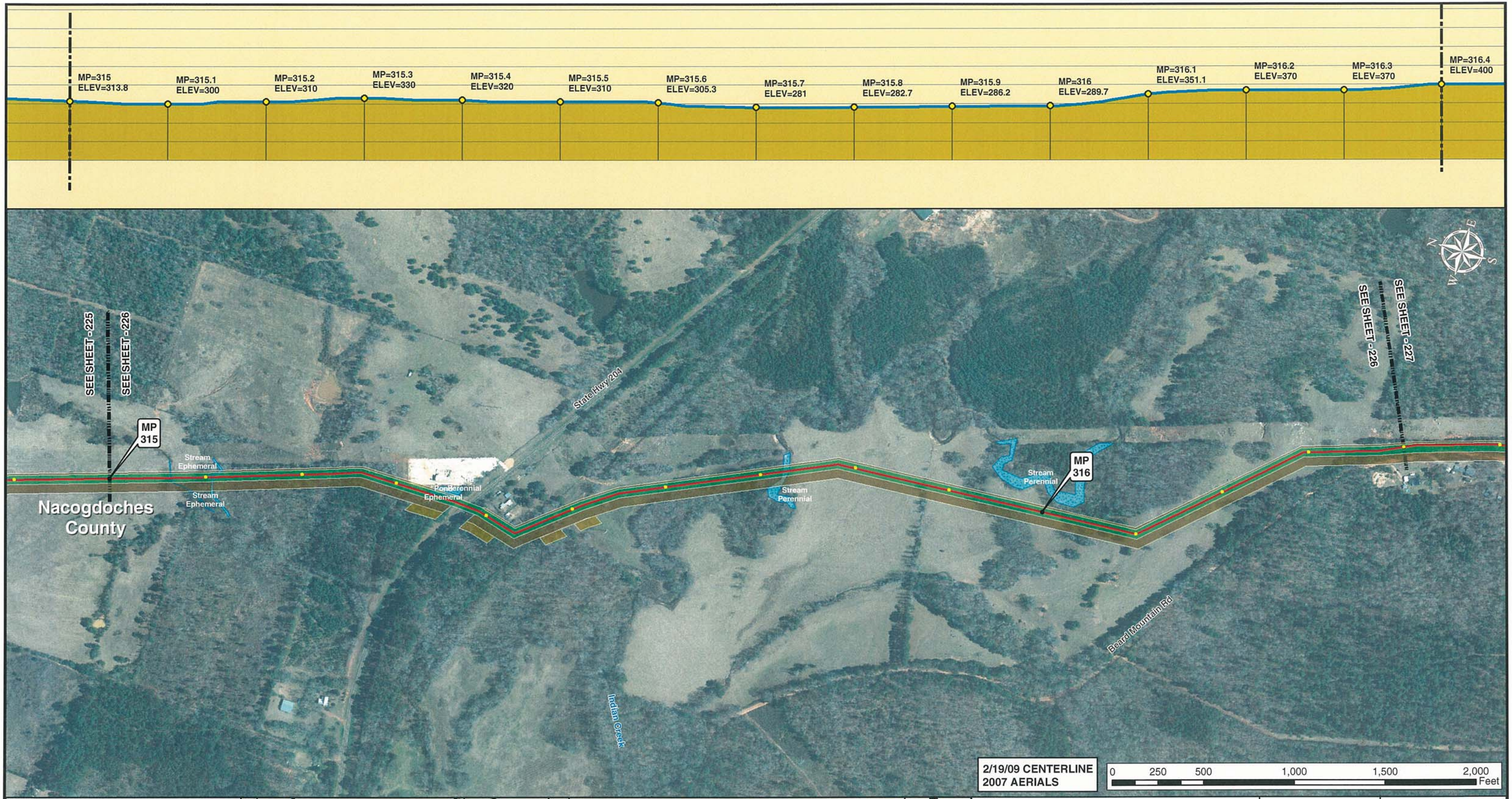
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
NACOGDOCHES COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 225-A	225	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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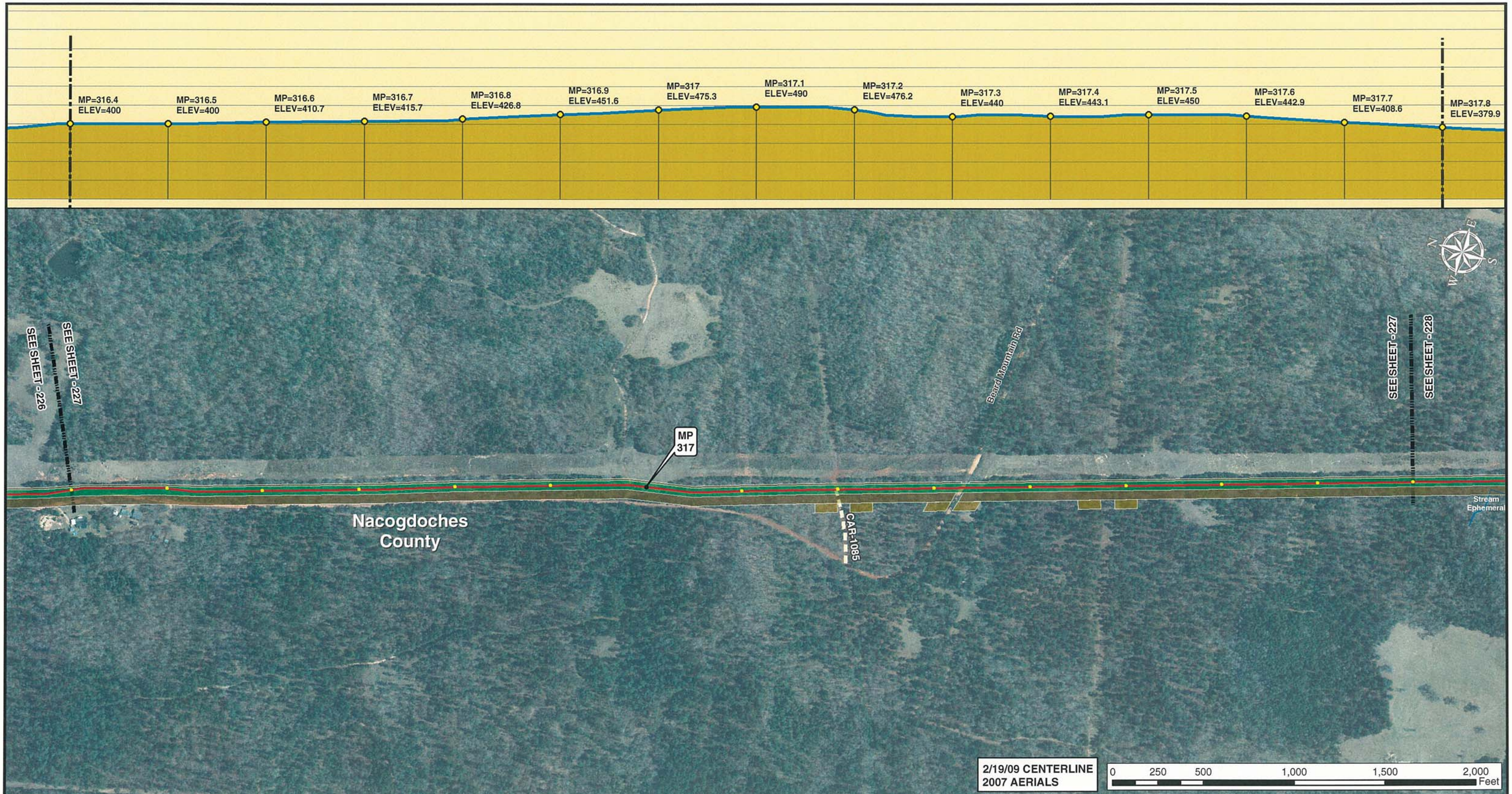
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
NACOGDOCHES COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 226-A	226	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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NACOGDOCHES COUNTY, TEXAS

MAP PARAMETERS
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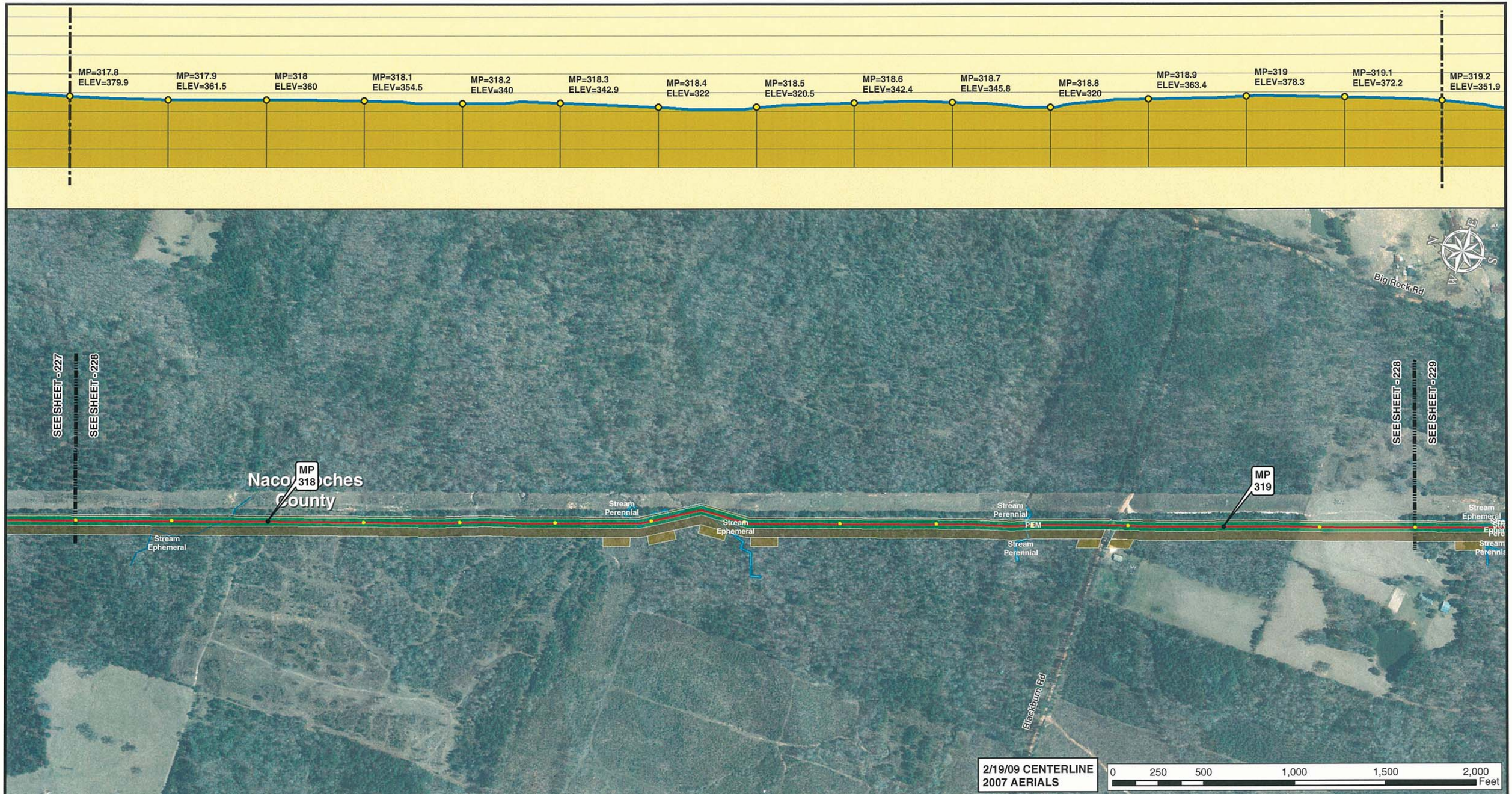
GS	SS	RG	50388X	XL-48 -ML-2002-P- 227-A	227	1



Legend

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NACOGDOCHES COUNTY, TEXAS

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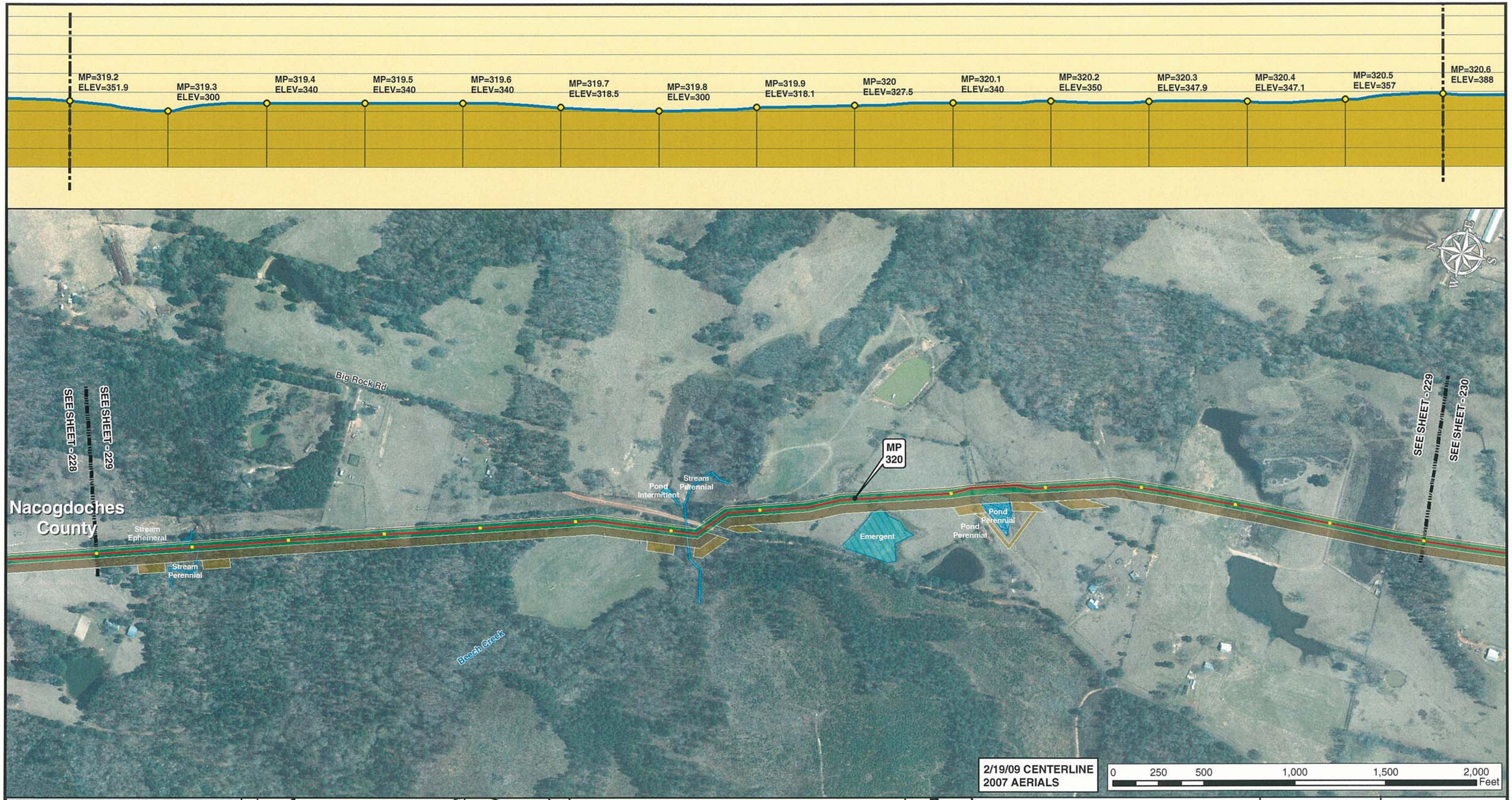
GS	SS	RG	50388X	XL-48 -ML-2002-P- 228-A	228	1



Legend

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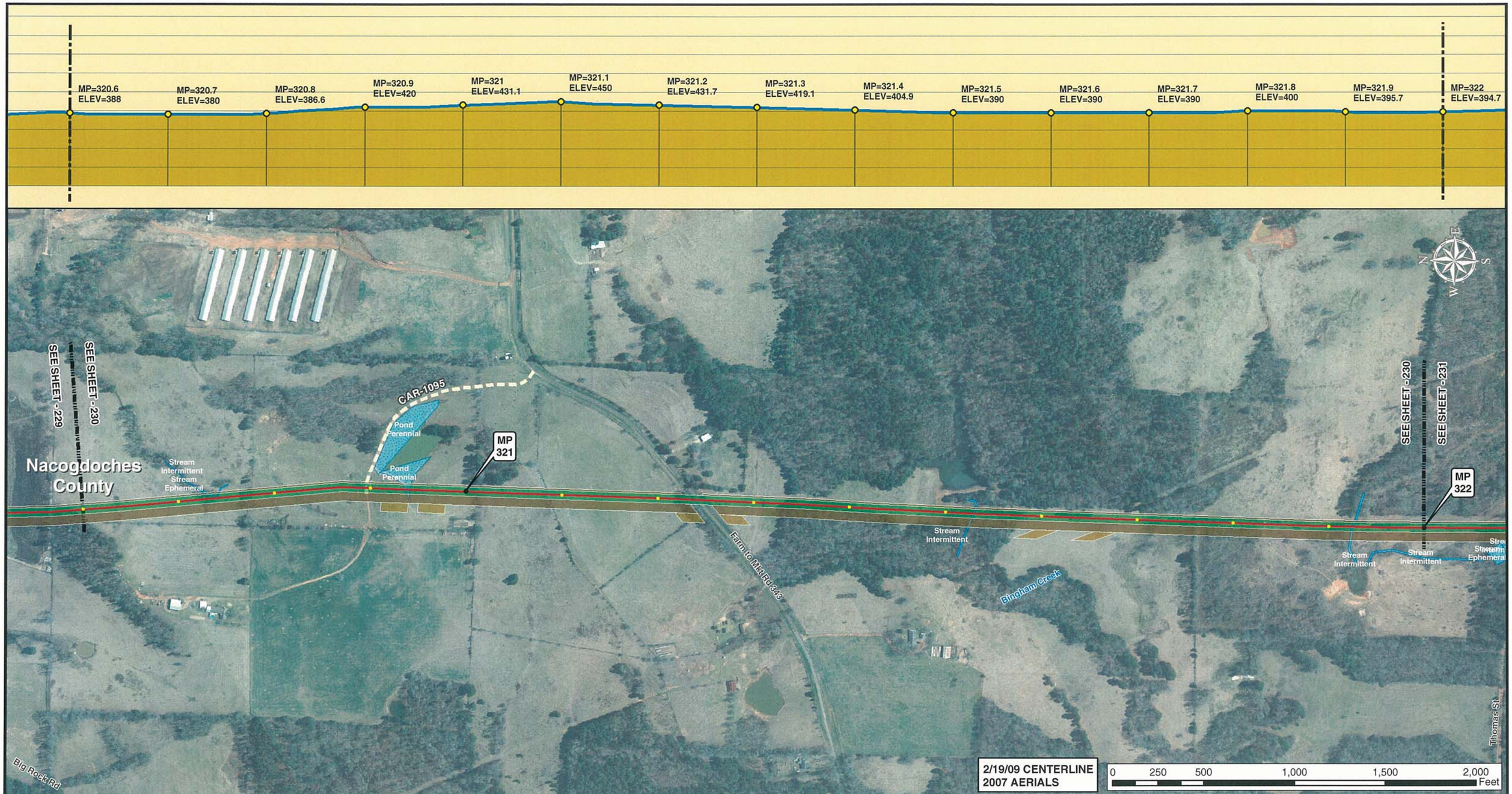
GS	SS	RG	50388X	XL-48 -ML-2002-P- 229-A	229	1



Legend

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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
NACOGDOCHES COUNTY, TEXAS

MAP PARAMETERS
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DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
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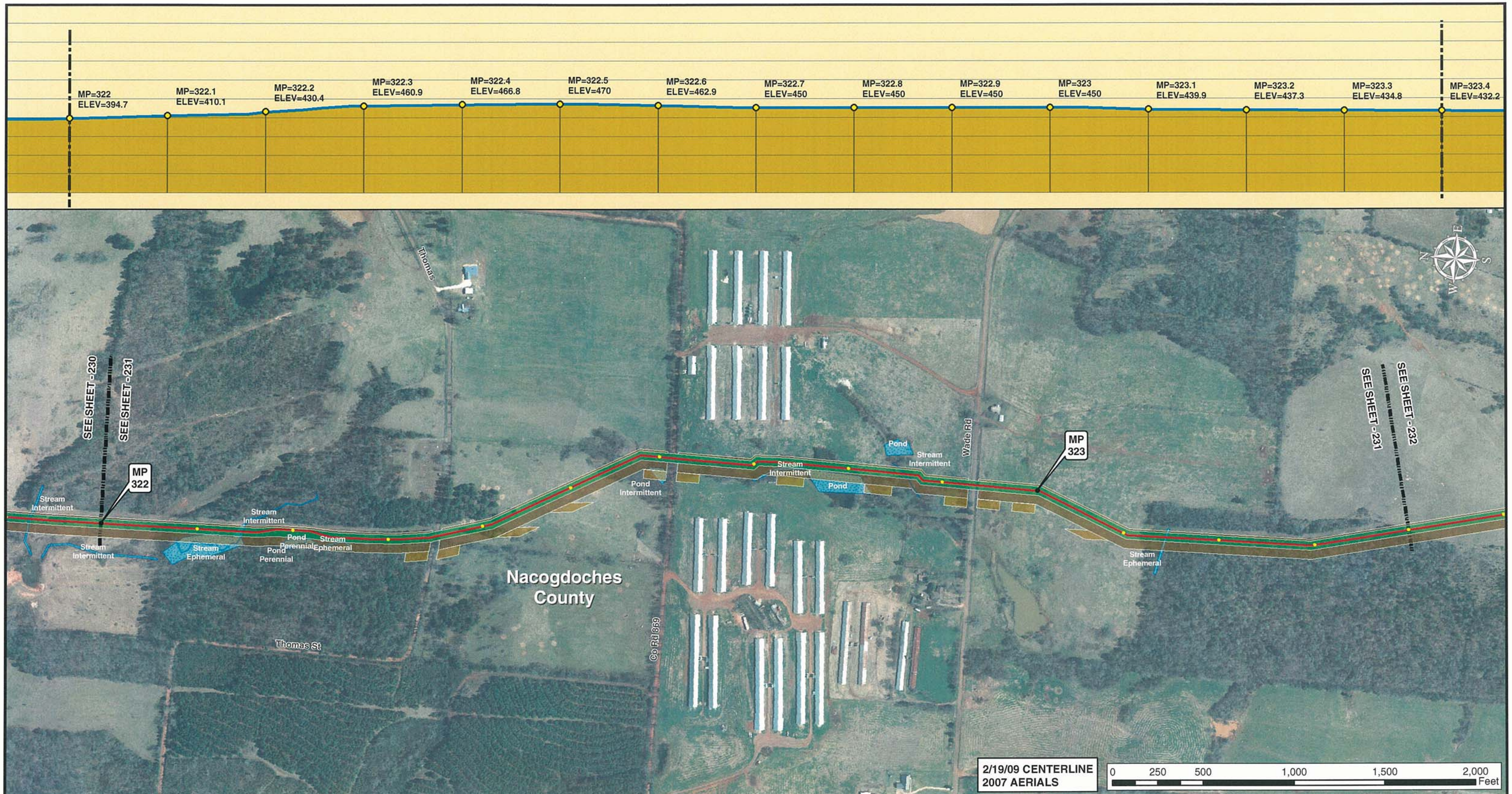

Legend

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- VALVE
- KEYSTONE XL PROJECT
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- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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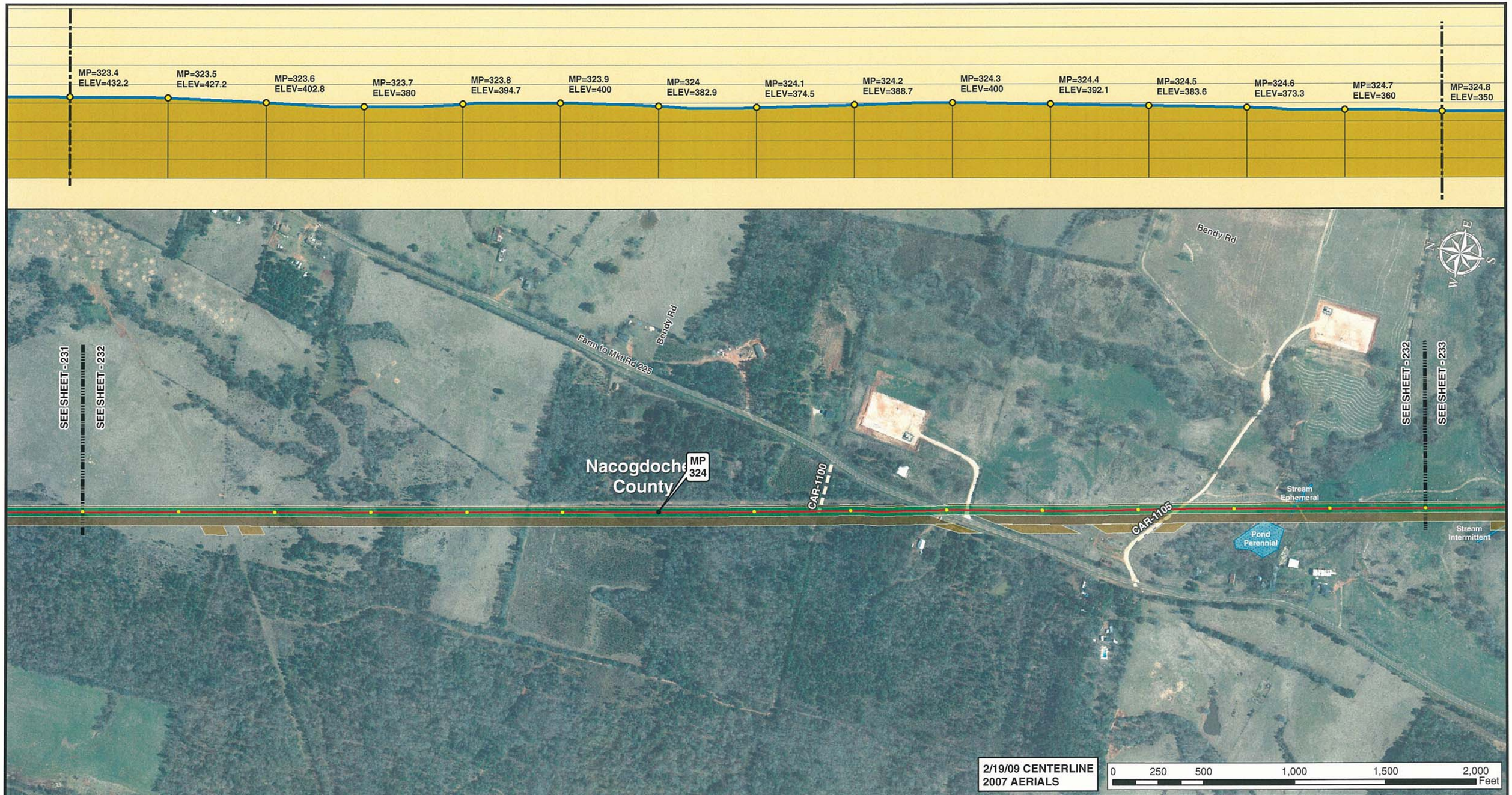
GS	SS	RG	50388X	XL-48 -ML-2002-P- 231-A	231	1



Legend

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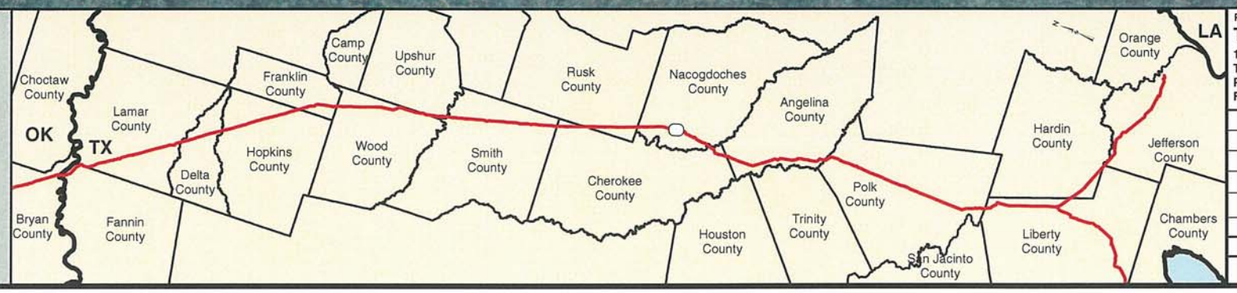

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NACOGDOCHES COUNTY, TEXAS

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GS	SS	RG	50388X	XL-48 -ML-2002-P- 232-A	232	1

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
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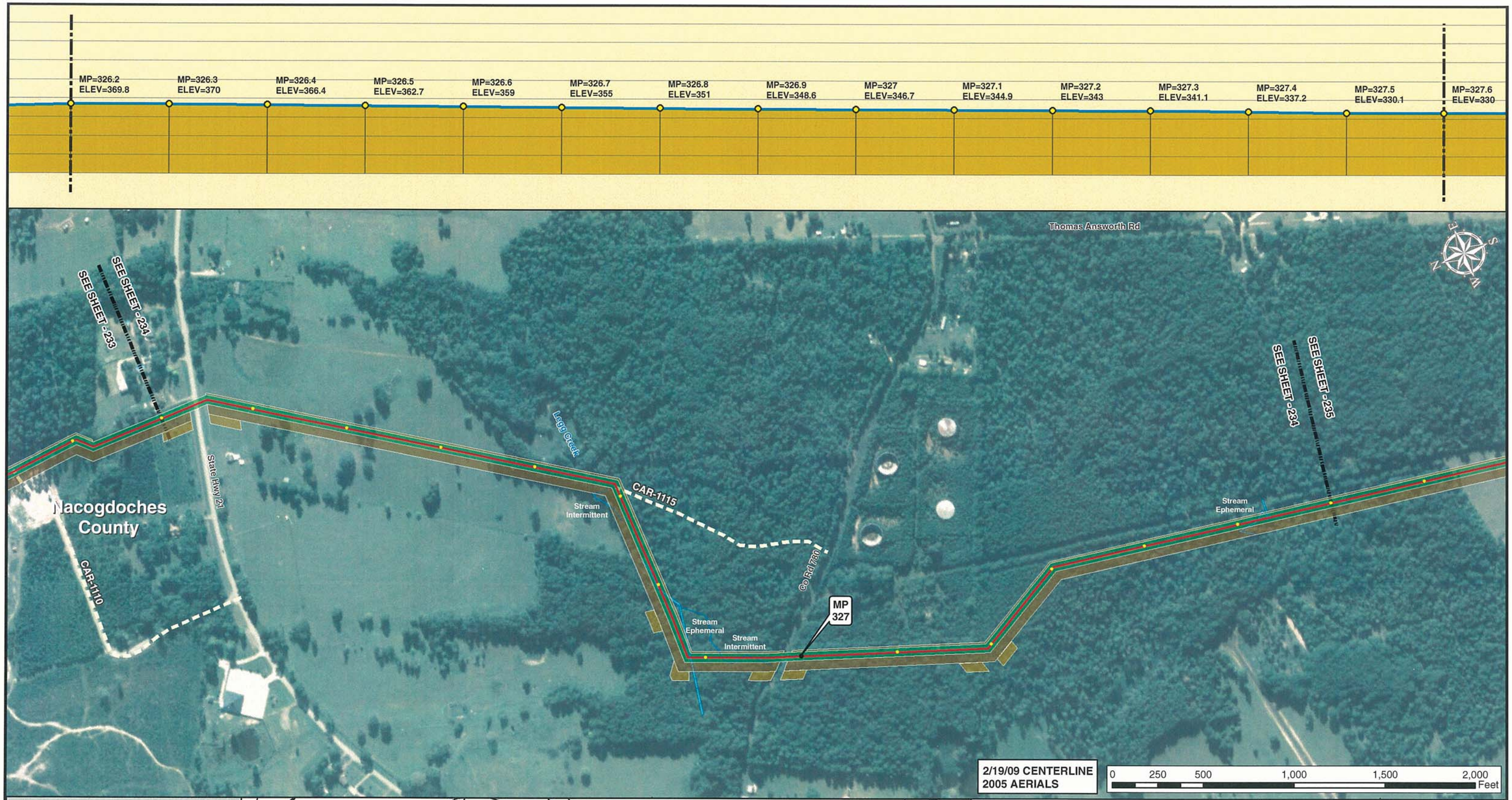
GS	SS	RG	50388X	XL-48 -ML-2002-P- 233-A	233	1



Legend

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MAP PARAMETERS
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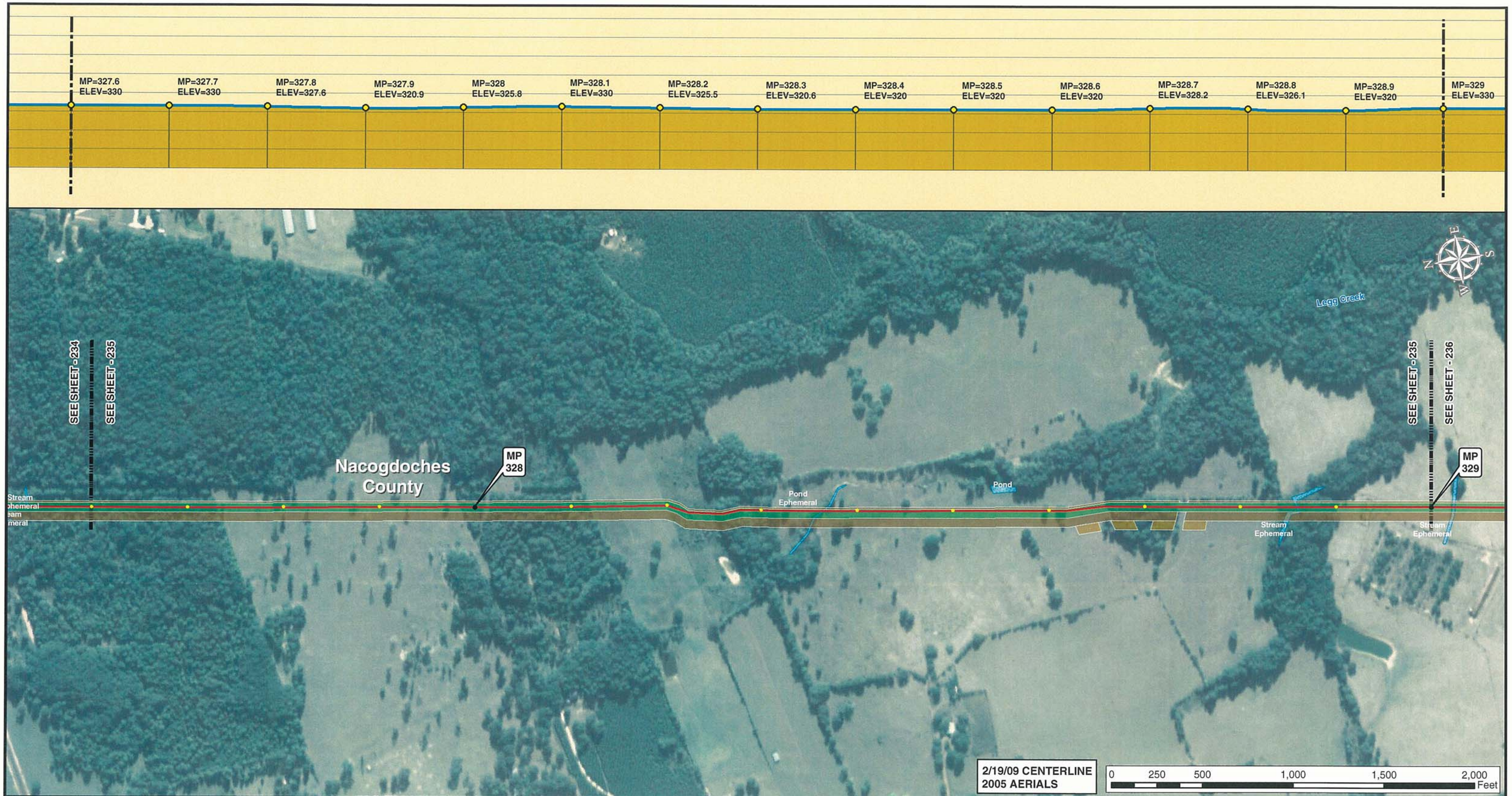
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 234-A	234	1



2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
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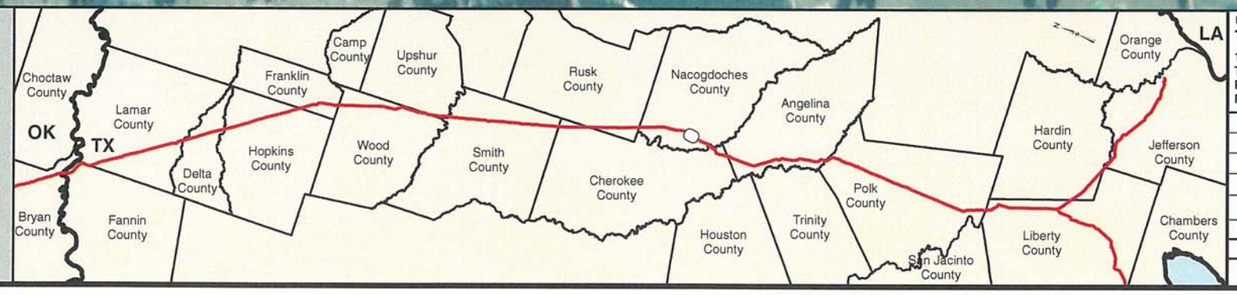

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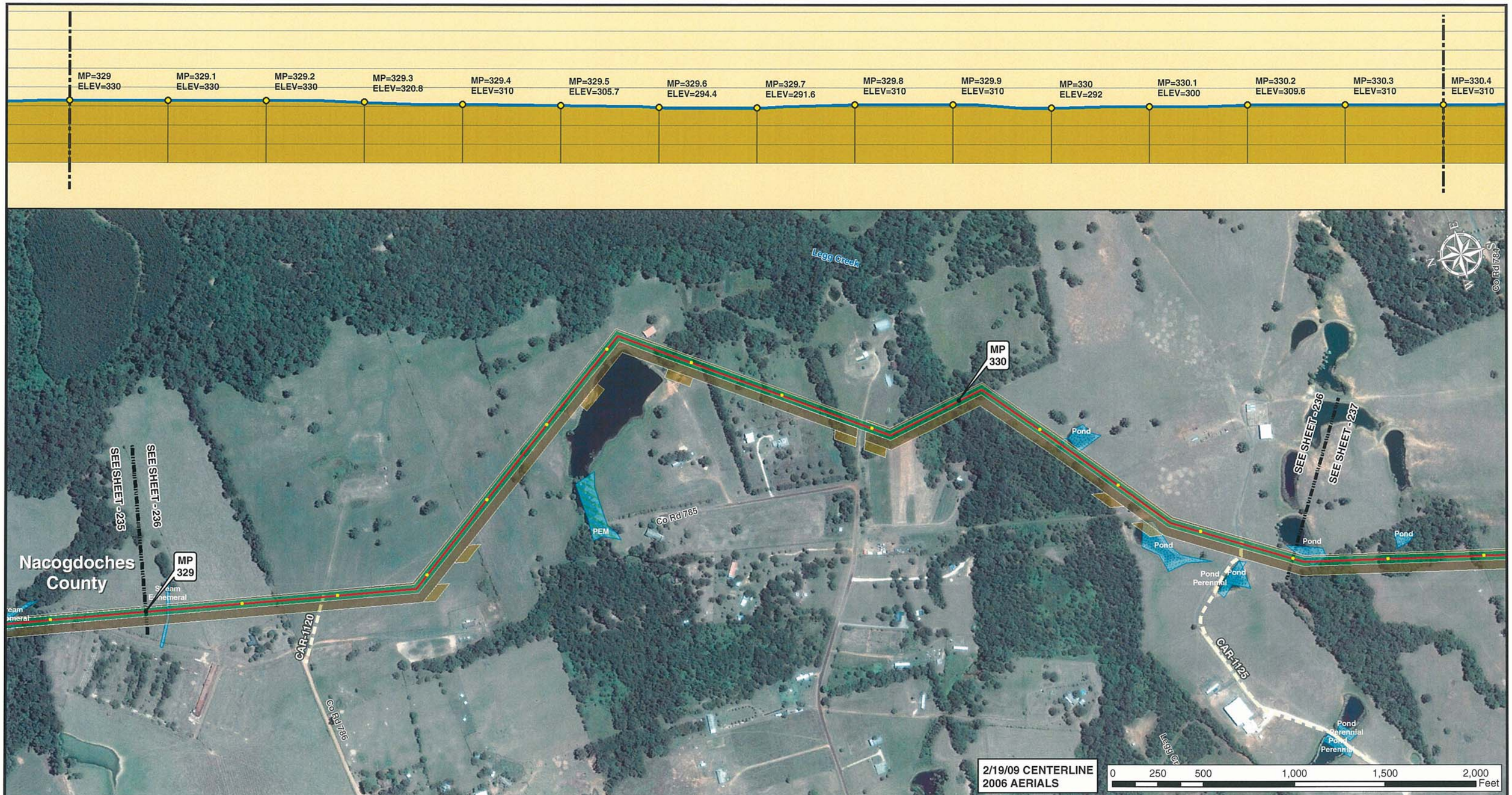
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 235-A	235	1



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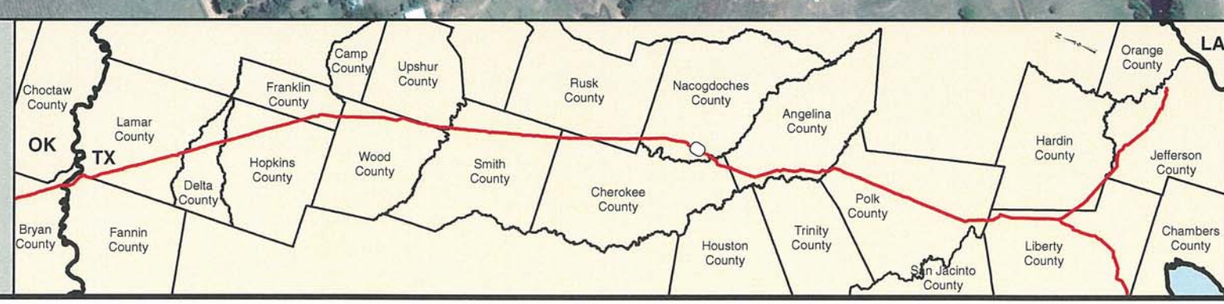
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE



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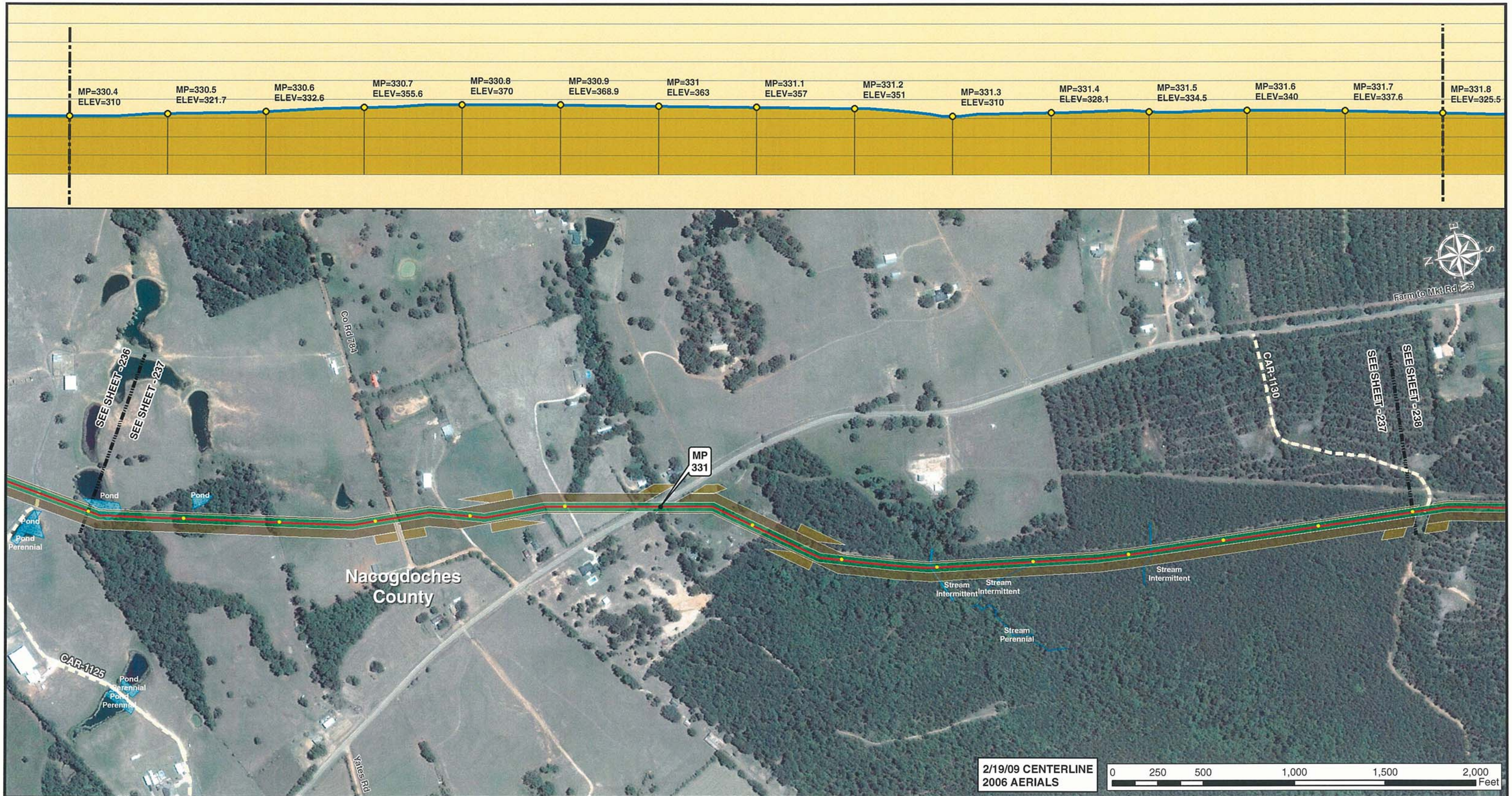
NO.	REVISION	DATE
1	ISSUED FOR SUPPLEMENTAL U.S. DEPT. OF STATE FILING (2.19.09 CL)	7.6.09
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
NACOGDOCHES COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 236-A	236	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
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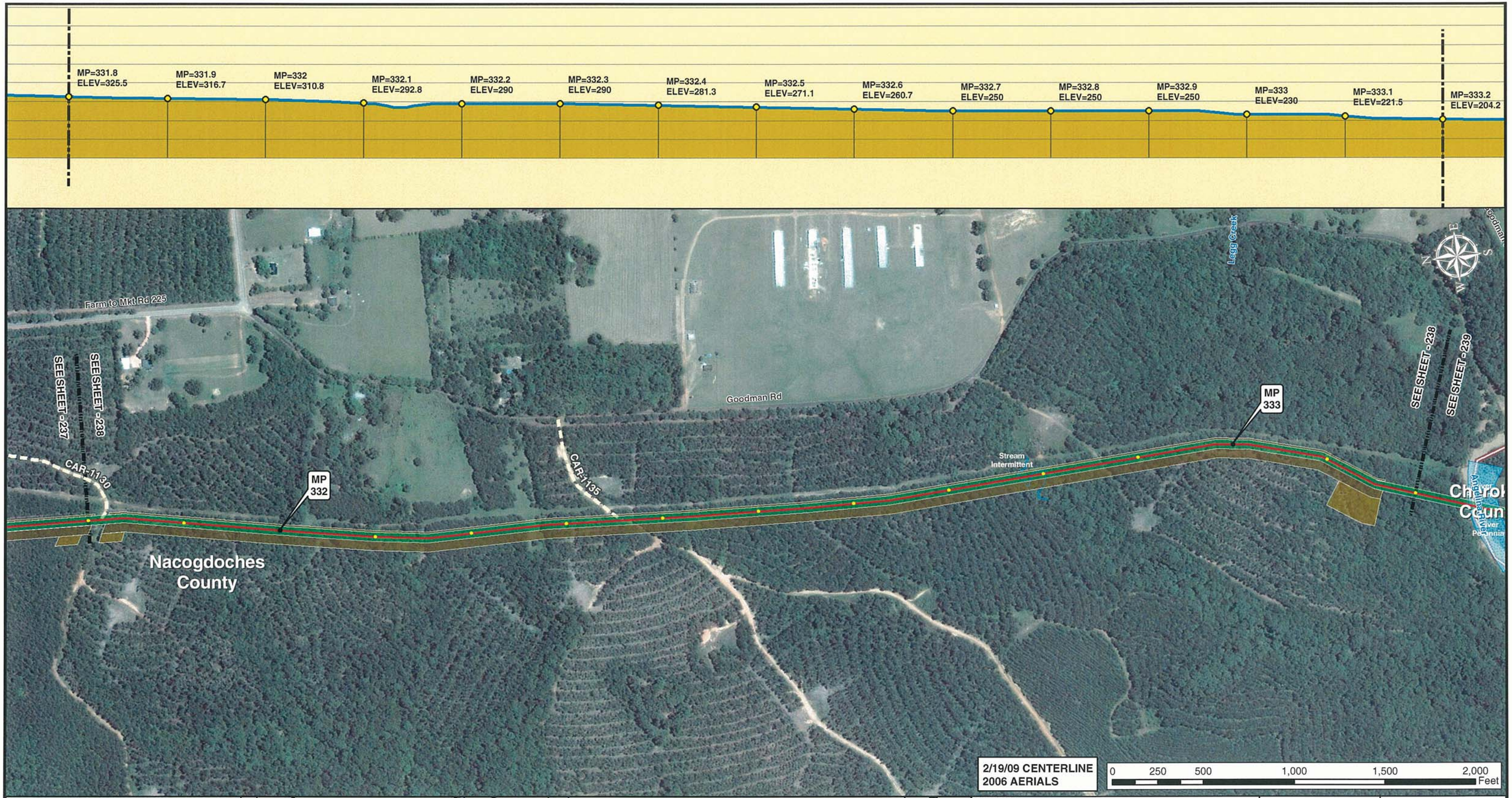
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
NACOGDOCHES COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 237-A	237	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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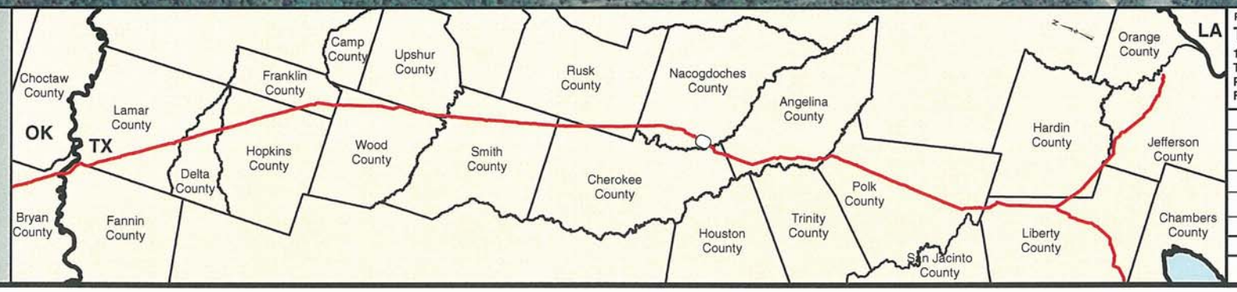

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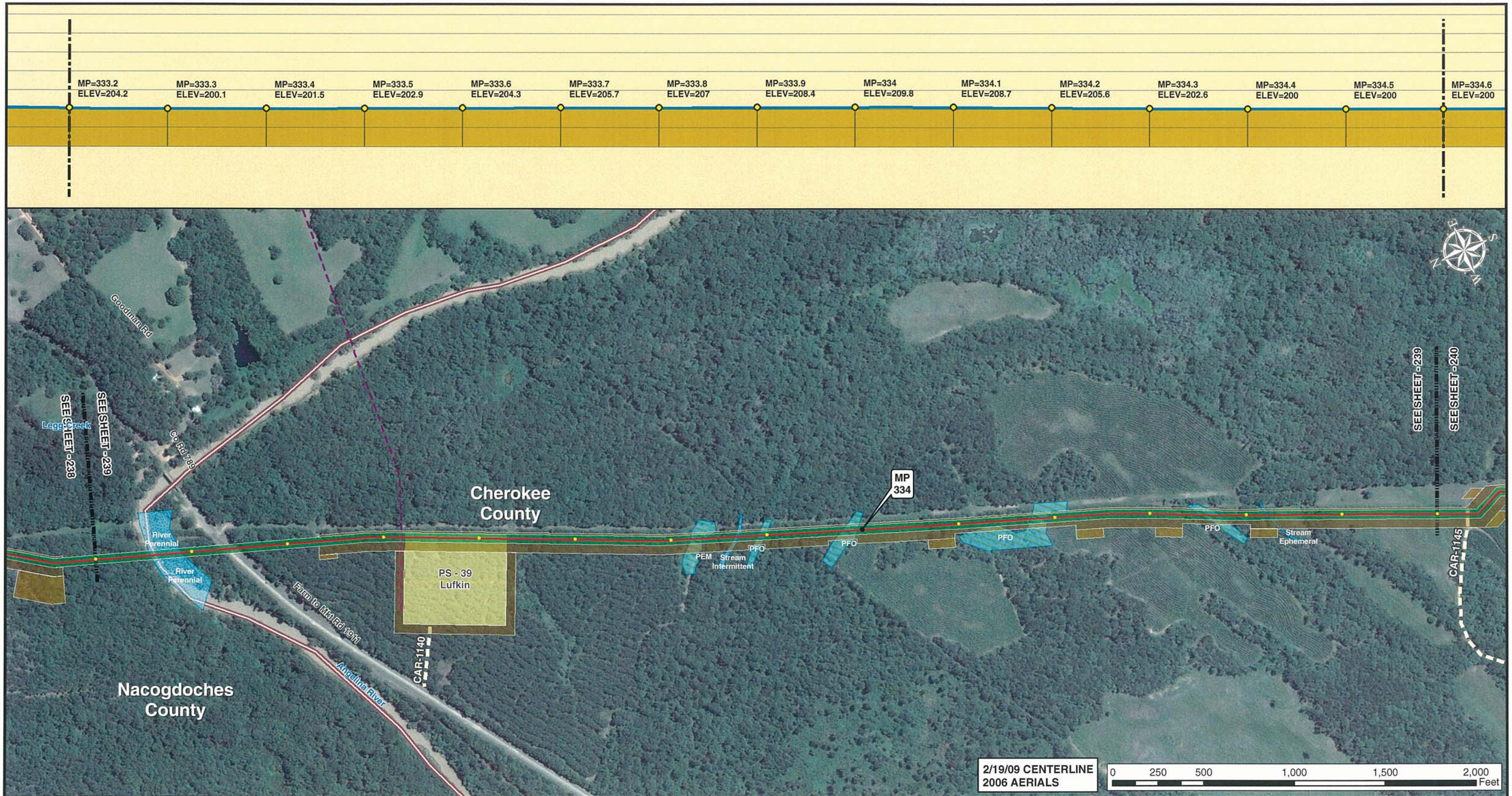
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
NACOGDOCHES COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 238-A	238	1



2/19/09 CENTERLINE
2006 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
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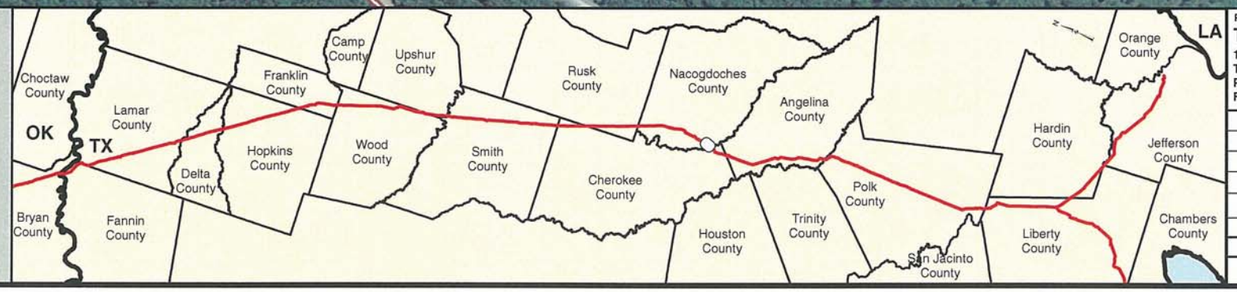

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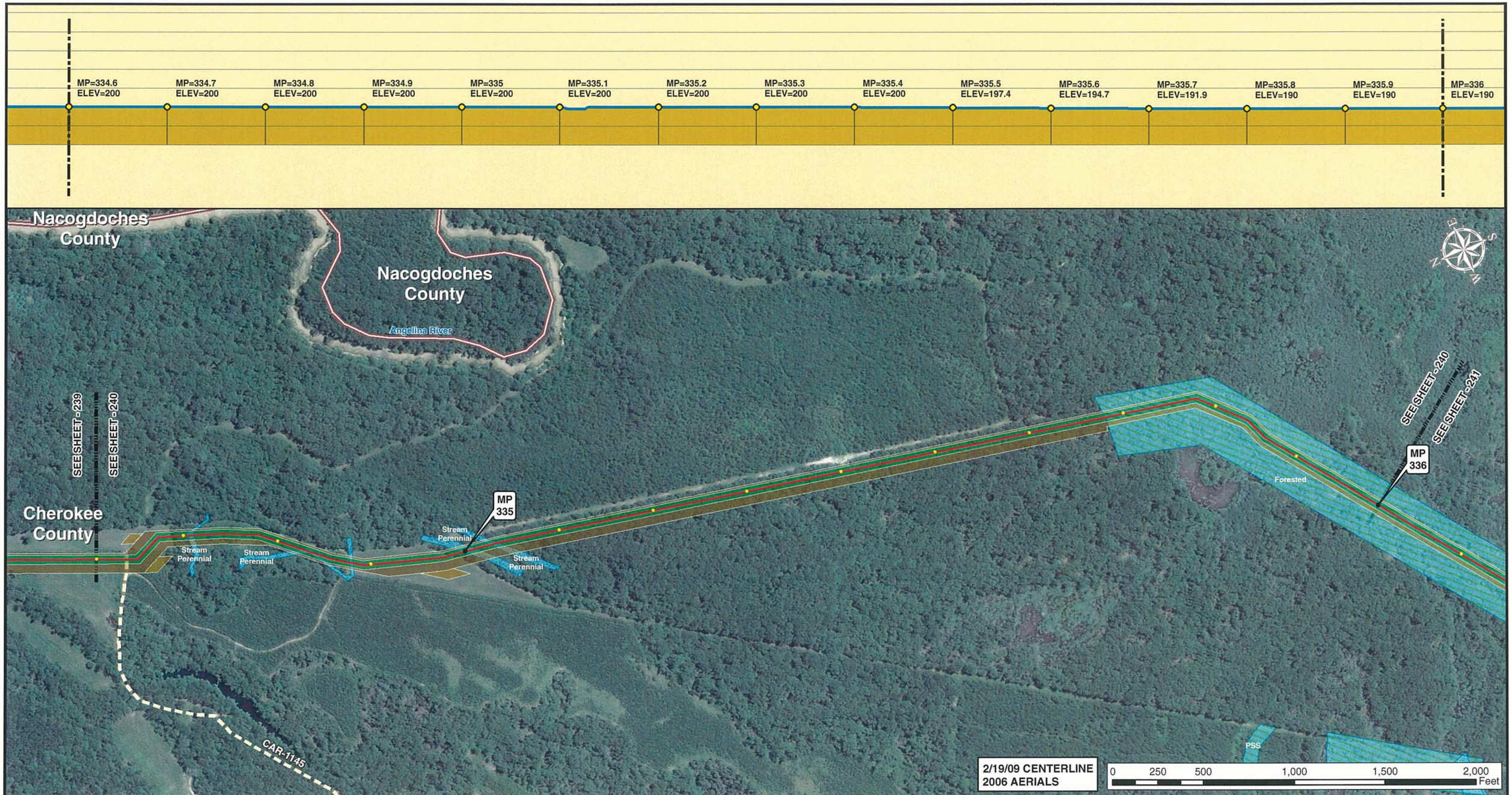
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
CHEROKEE COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 239-A	239	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
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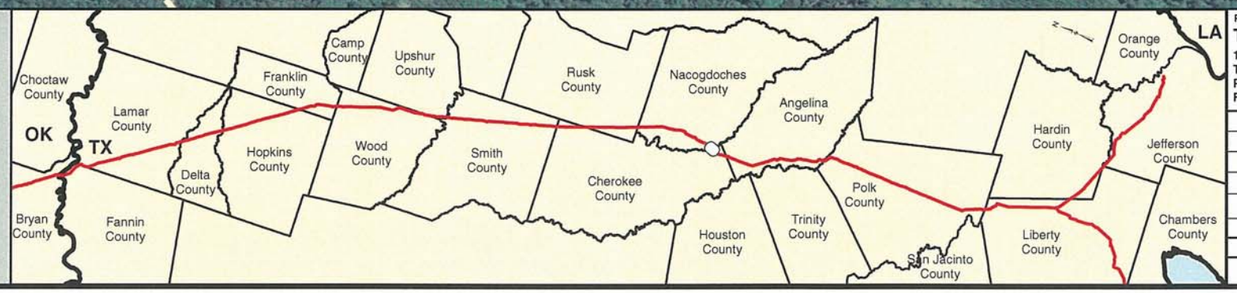
- COUNTY LINE
- SECTION LINE



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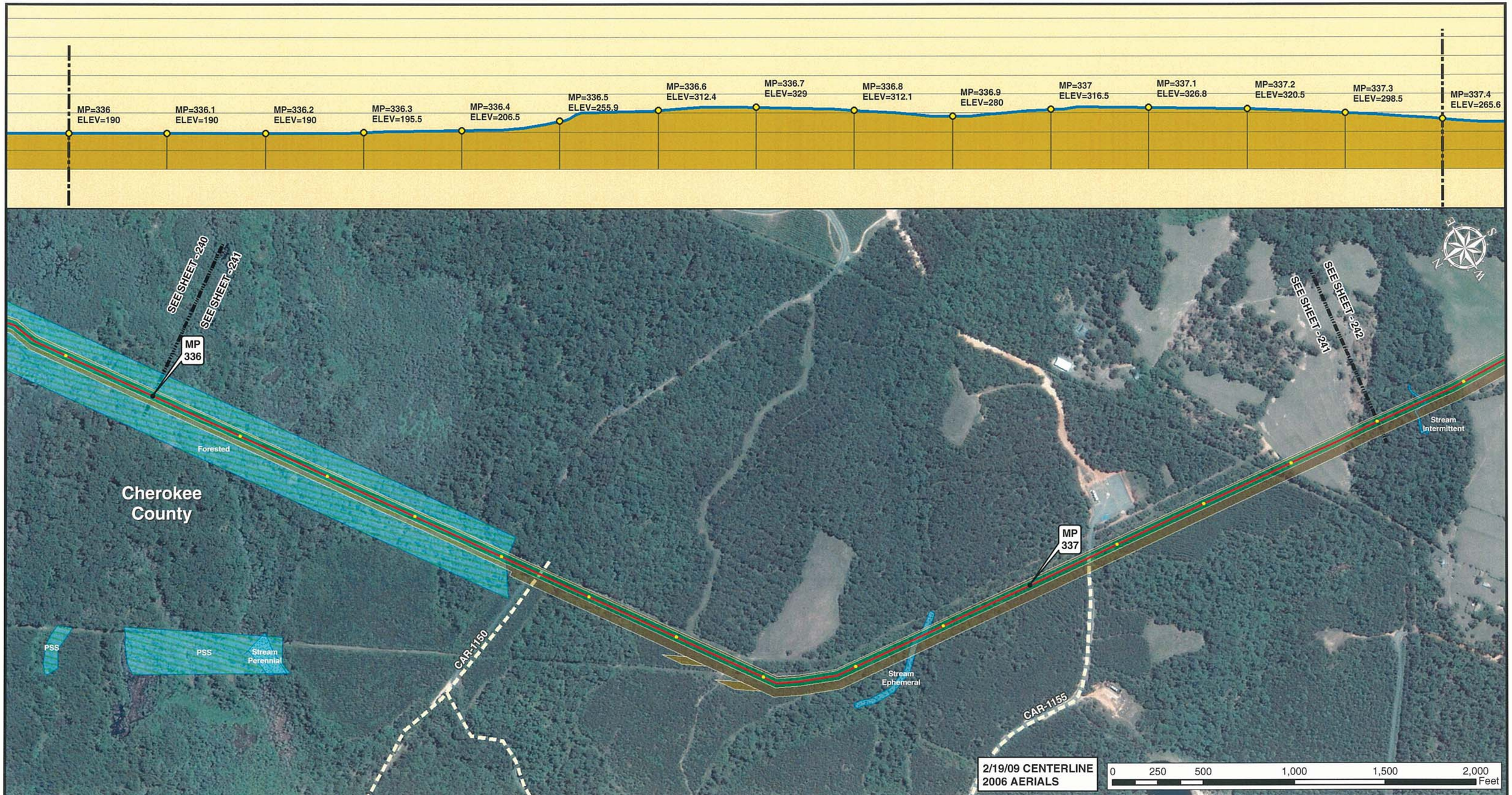
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
CHEROKEE COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 240-A	240	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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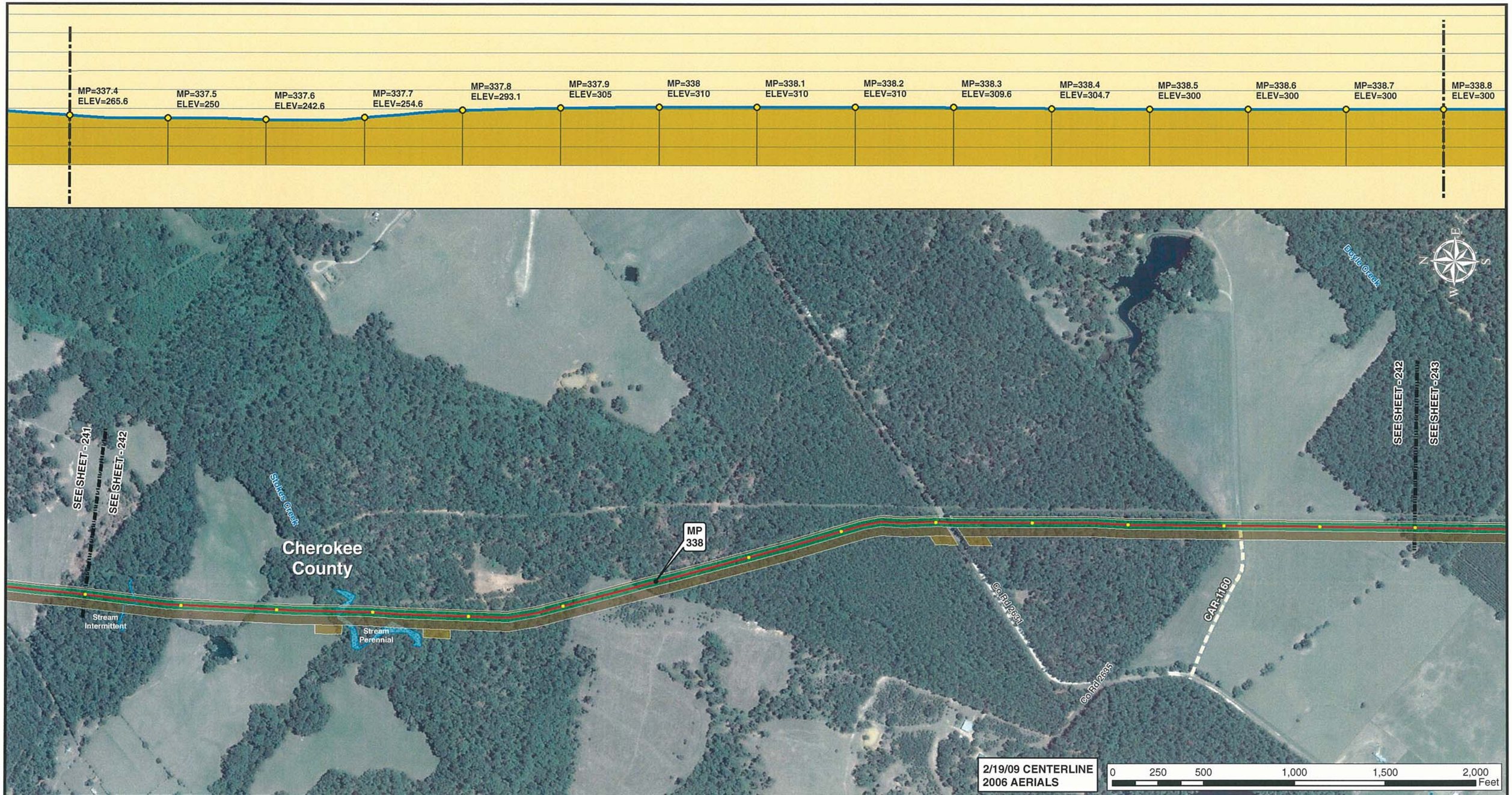
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
CHEROKEE COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 241-A	241	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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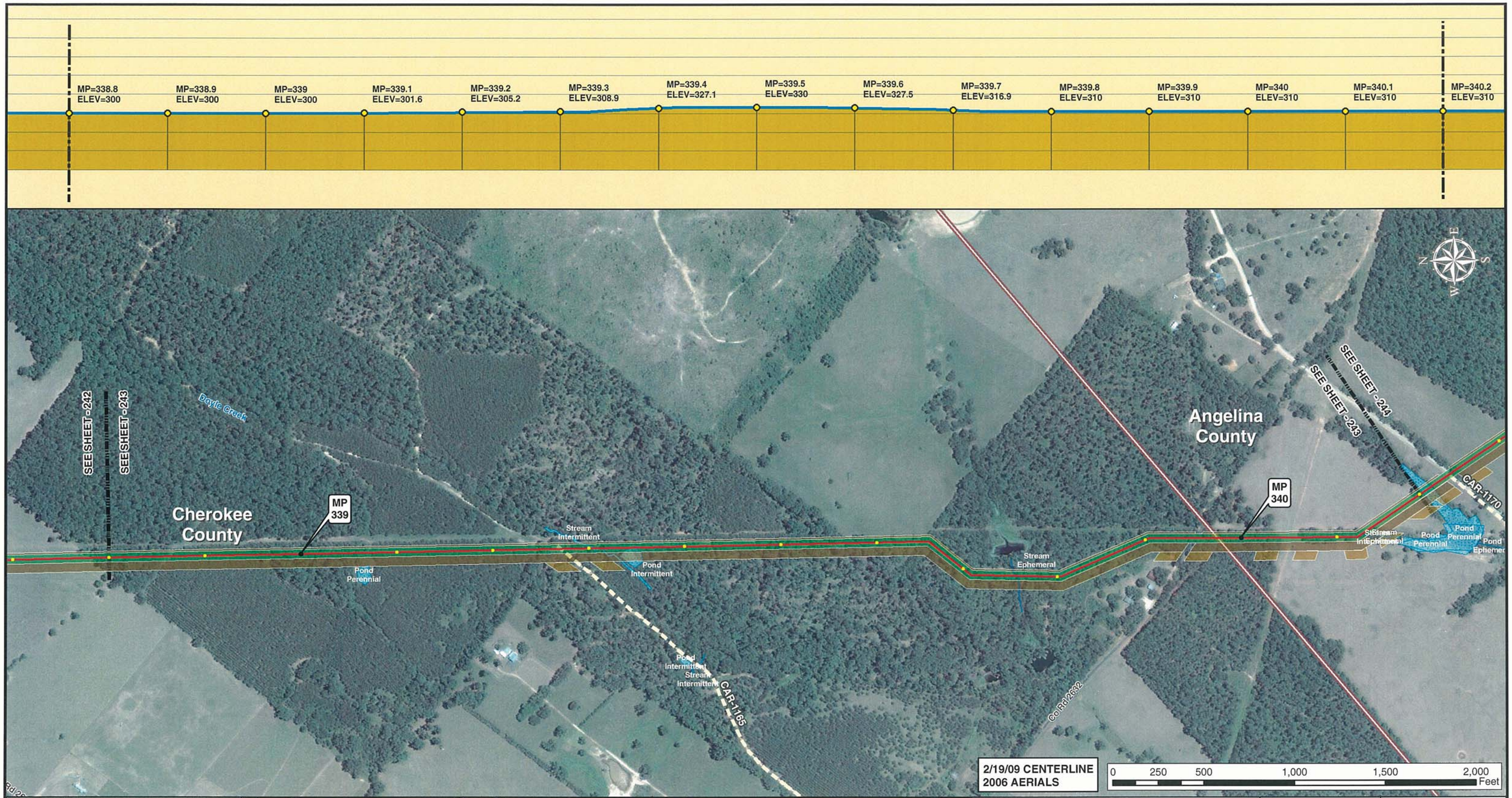
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
CHEROKEE COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 242-A	242	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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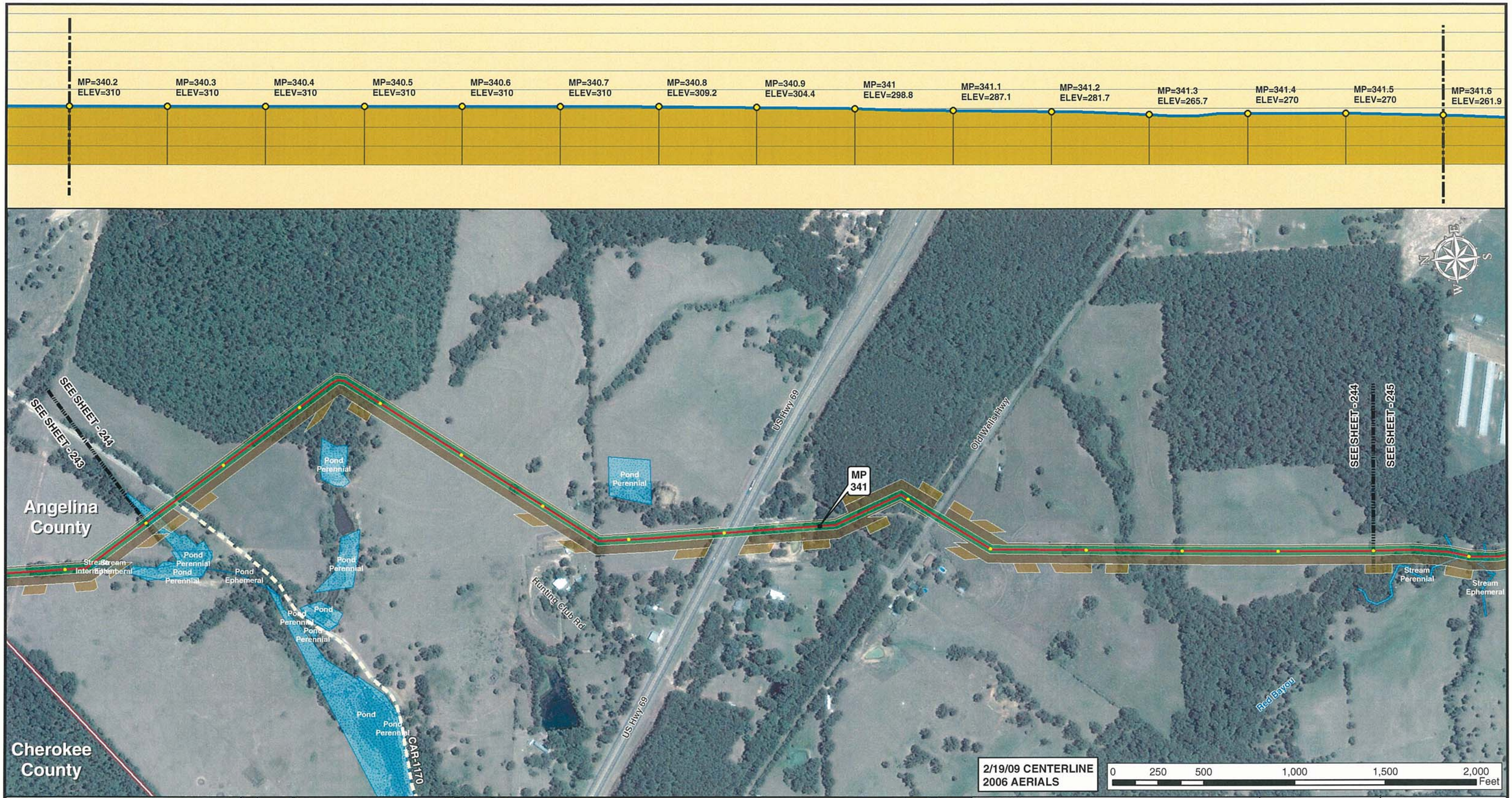
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
CHEROKEE COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 243-A	243	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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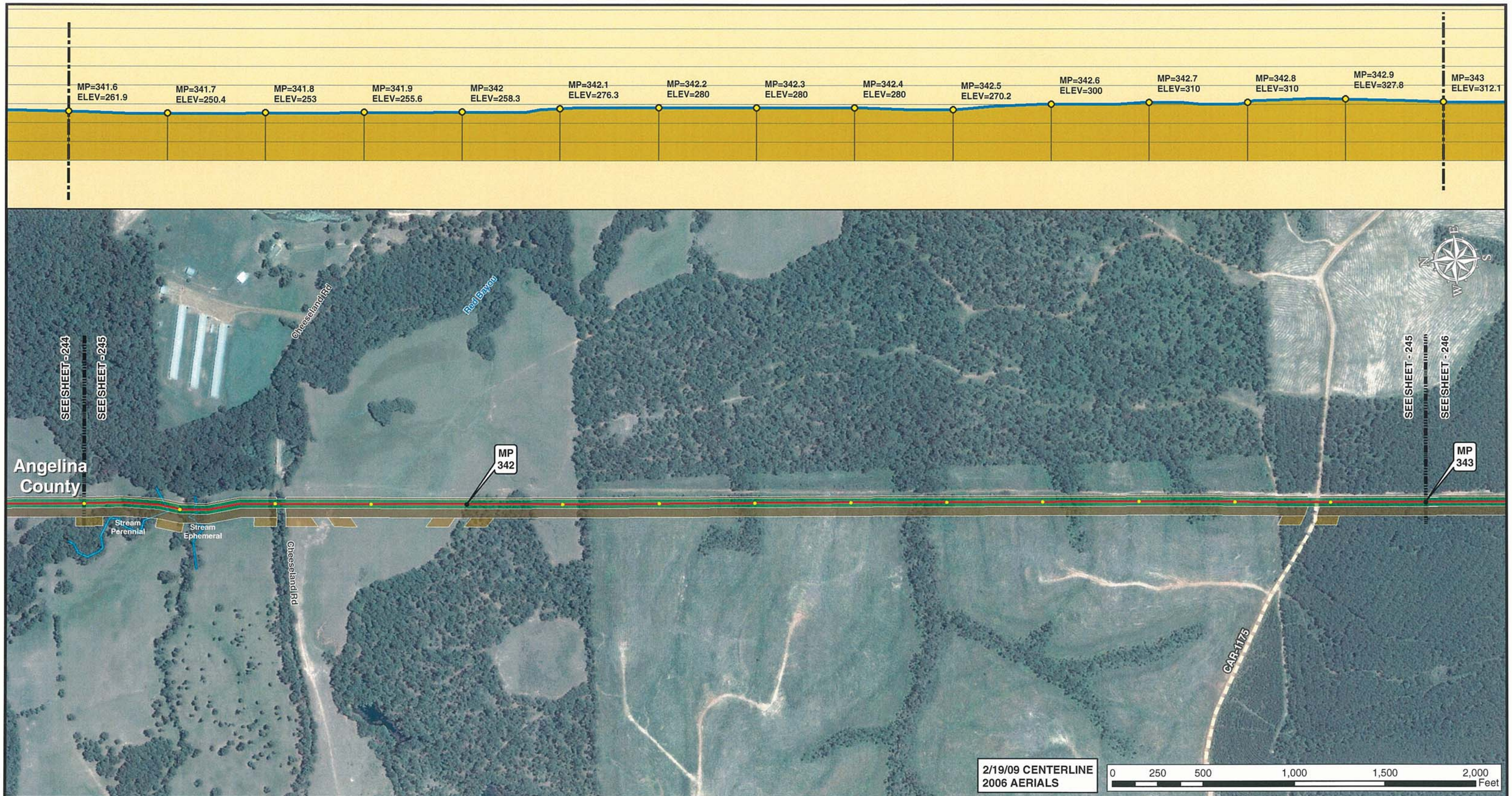
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 244-A	244	1



Legend

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- KEYSTONE XL PROJECT
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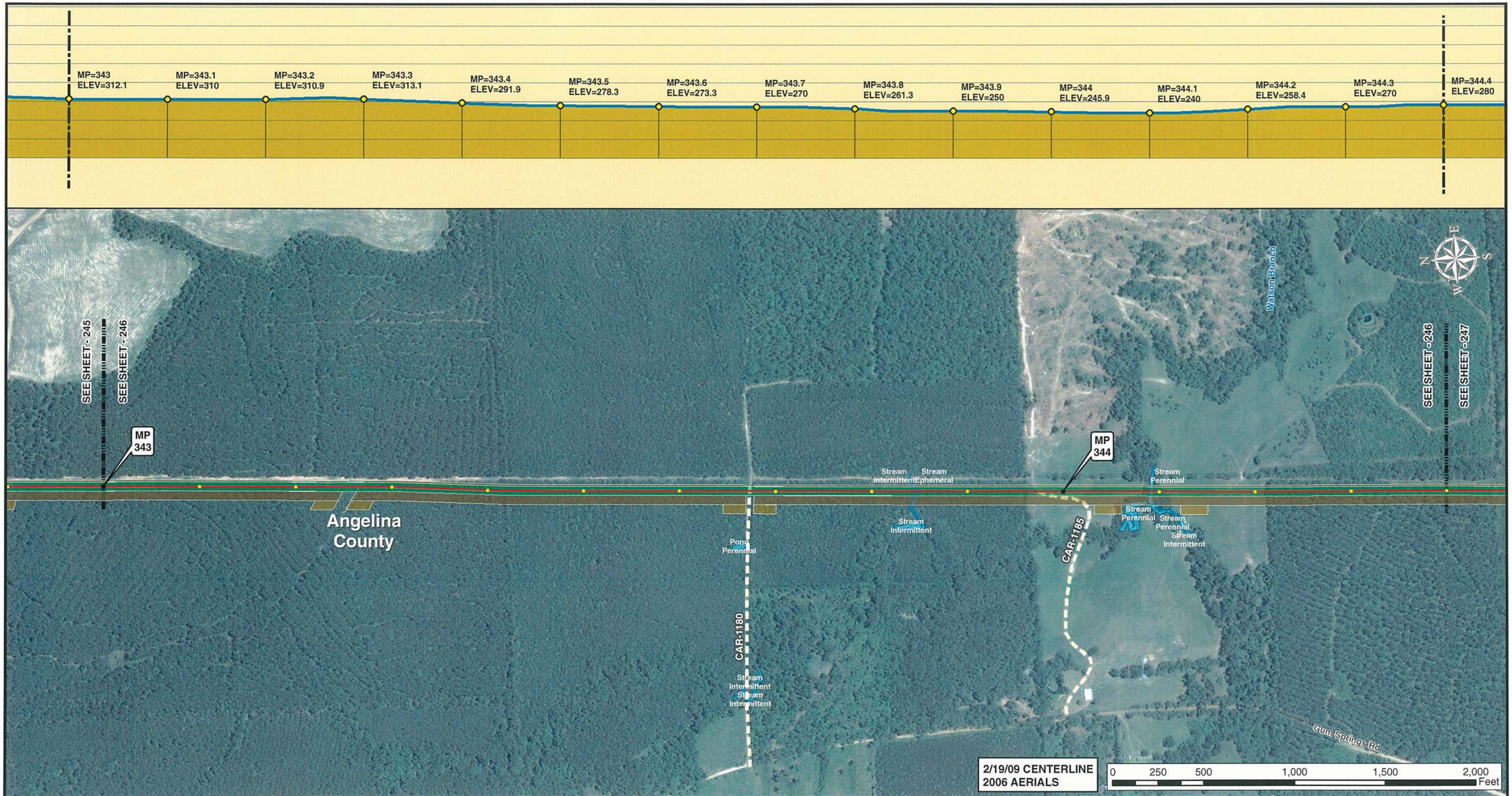
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 245-A	245	1



Legend

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- VALVE
- KEYSTONE XL PROJECT
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- TEMPORARY EASEMENT
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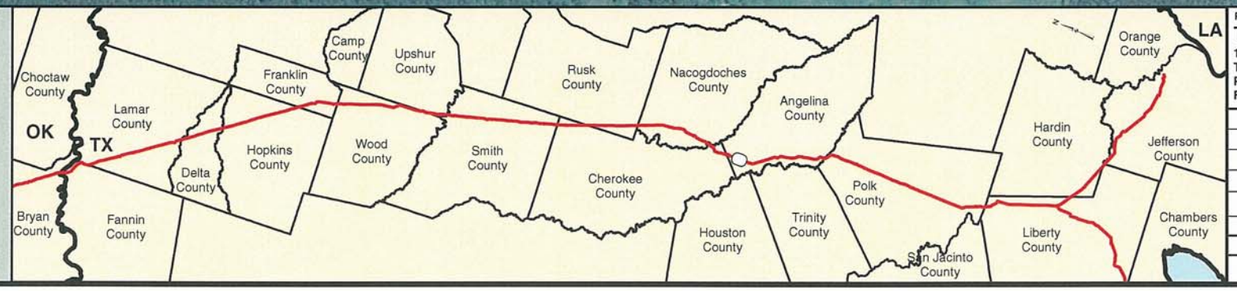

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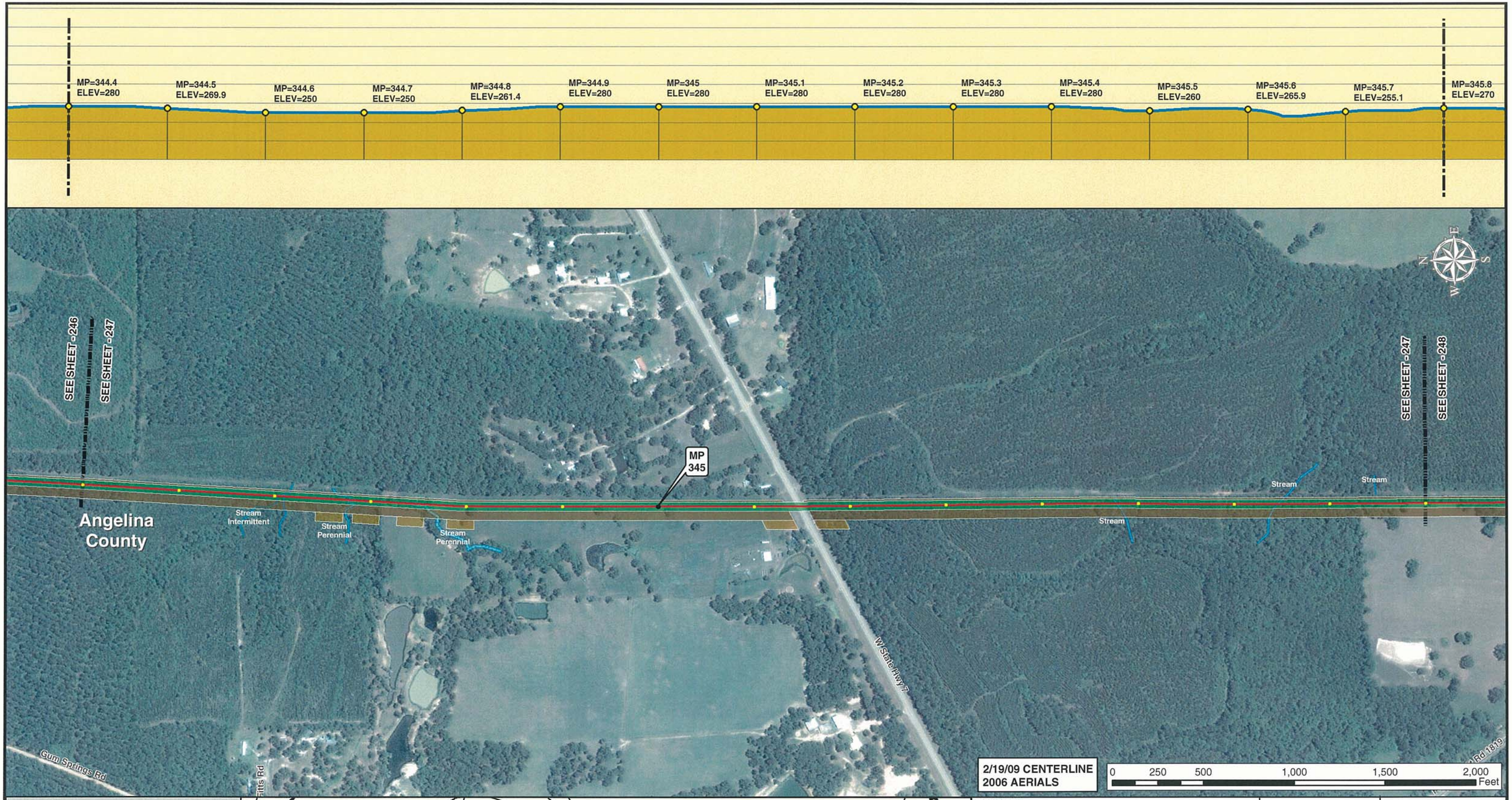
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 246-A	246	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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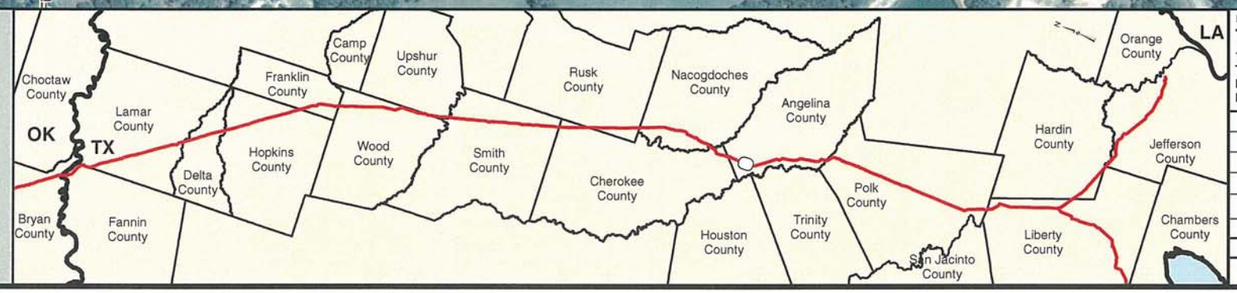

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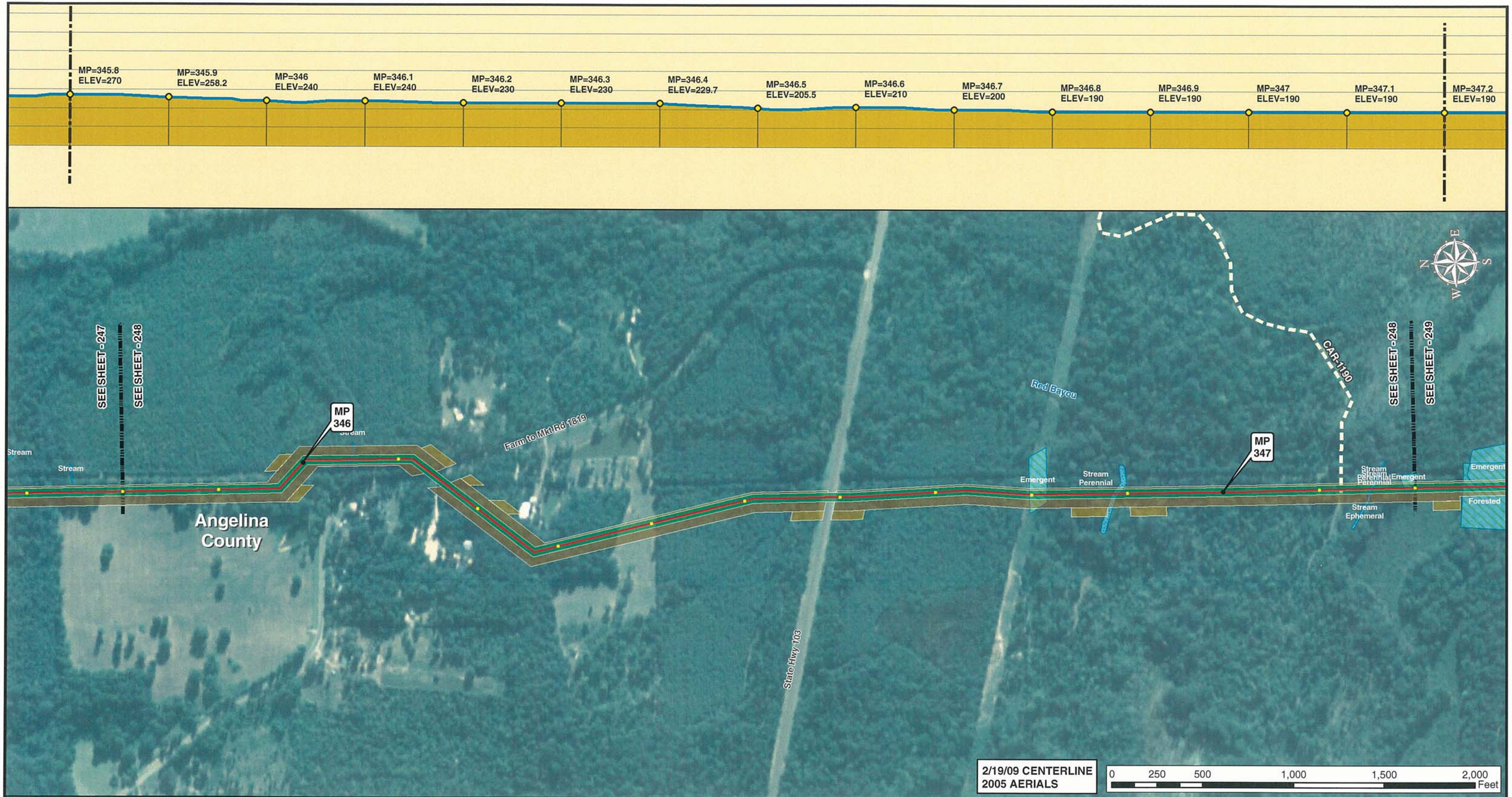
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 247 -A	247	1



2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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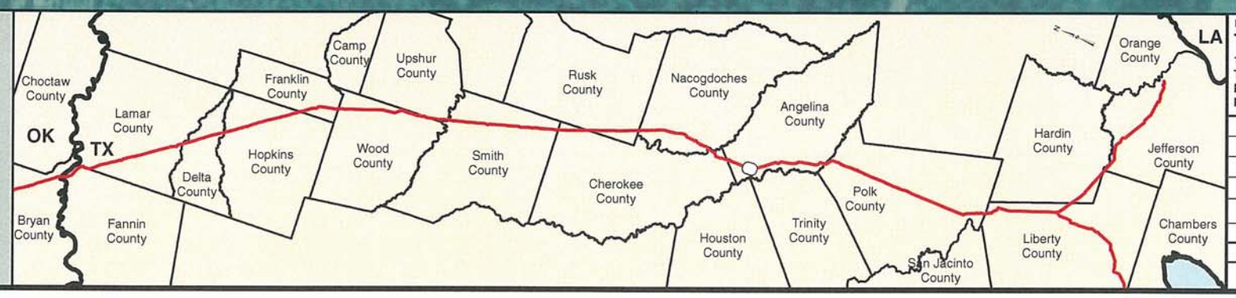

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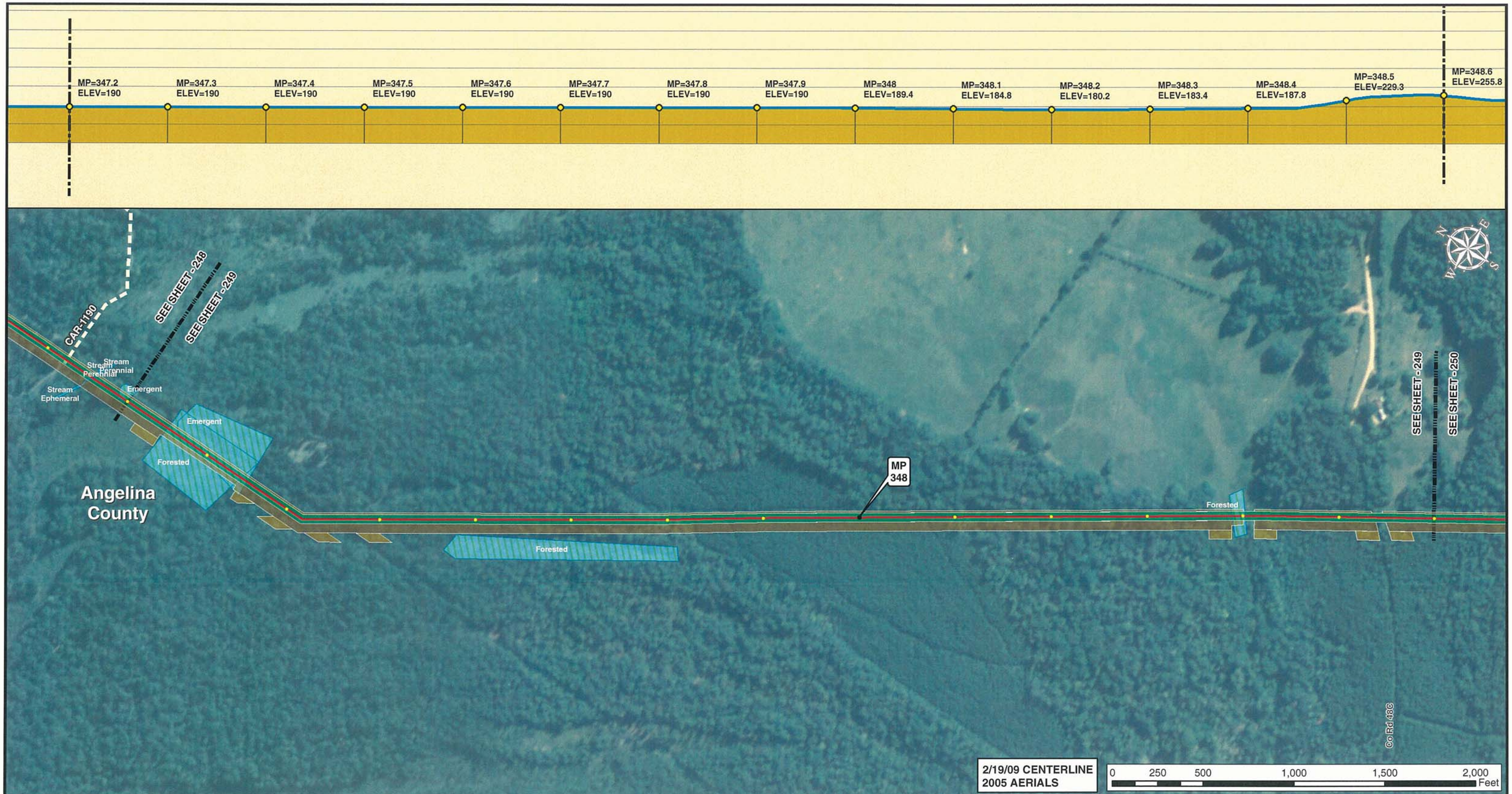
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

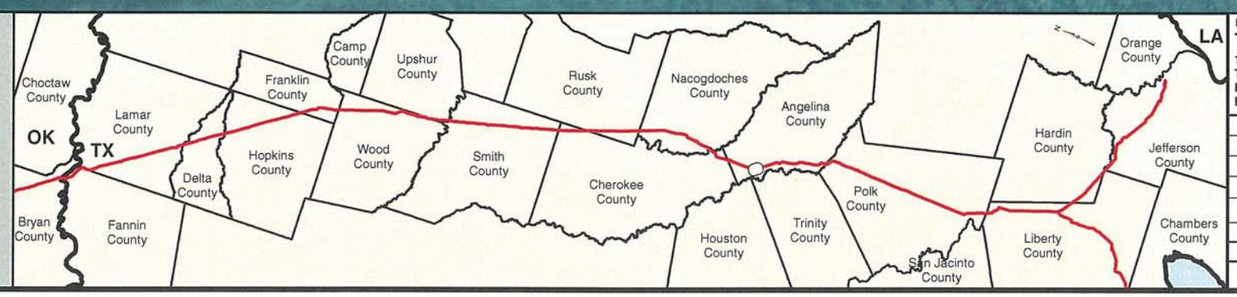
MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 248-A	248	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE



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0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

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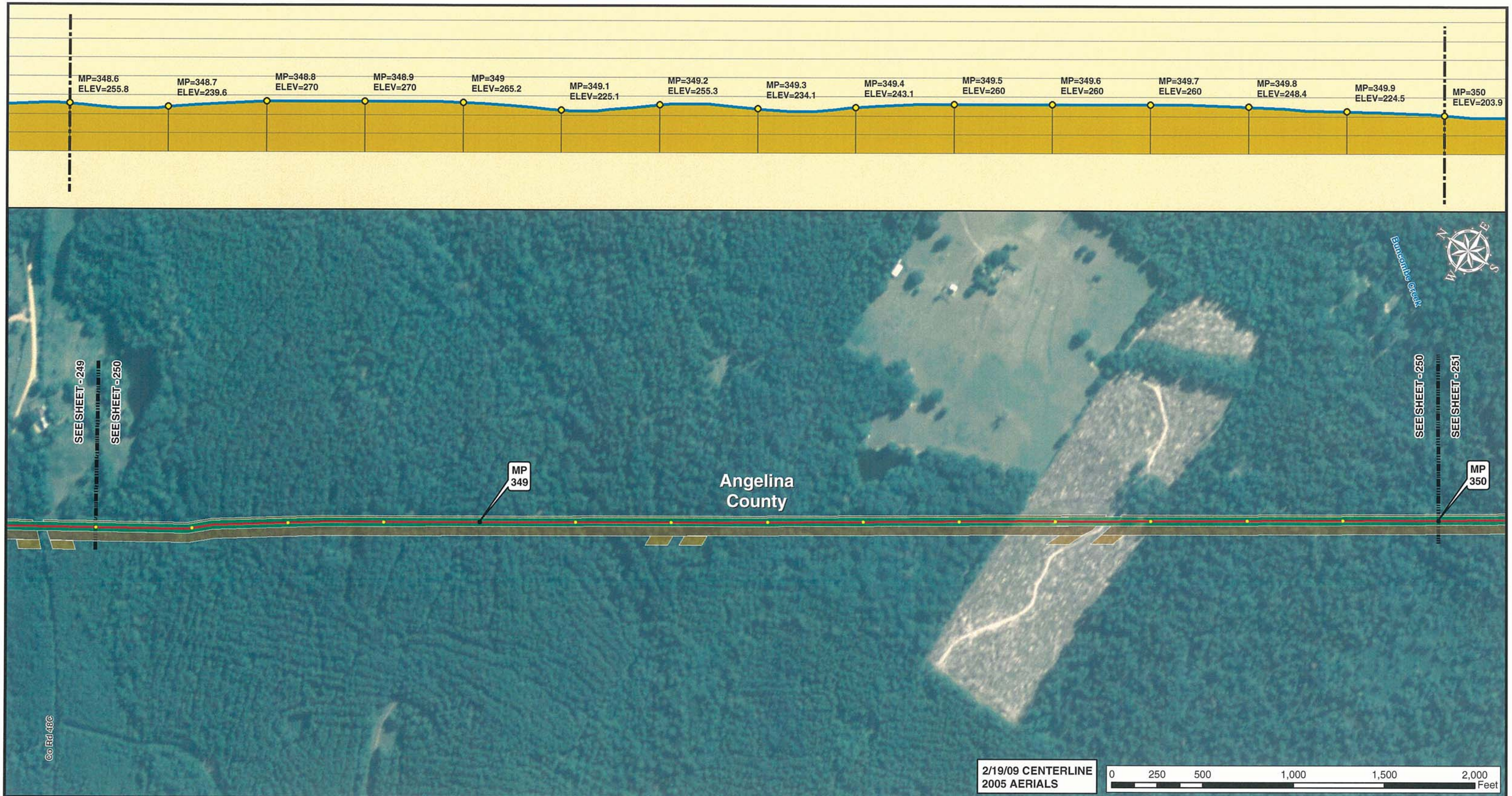
In business to deliver

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 249-A	249	1



2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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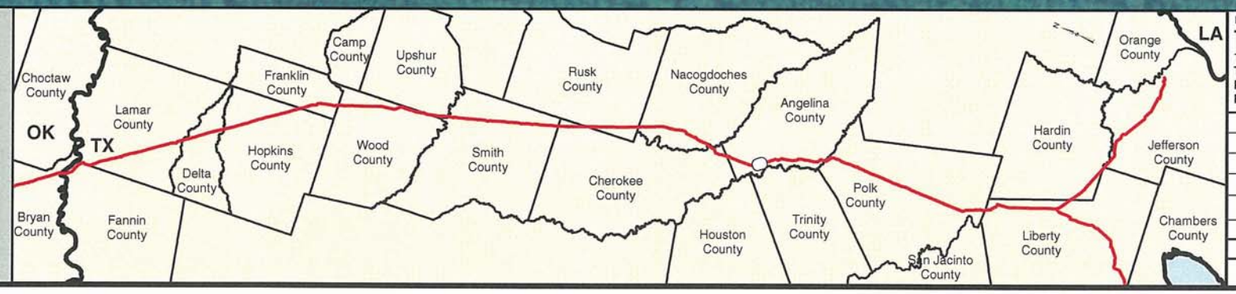
- SECTION LINE



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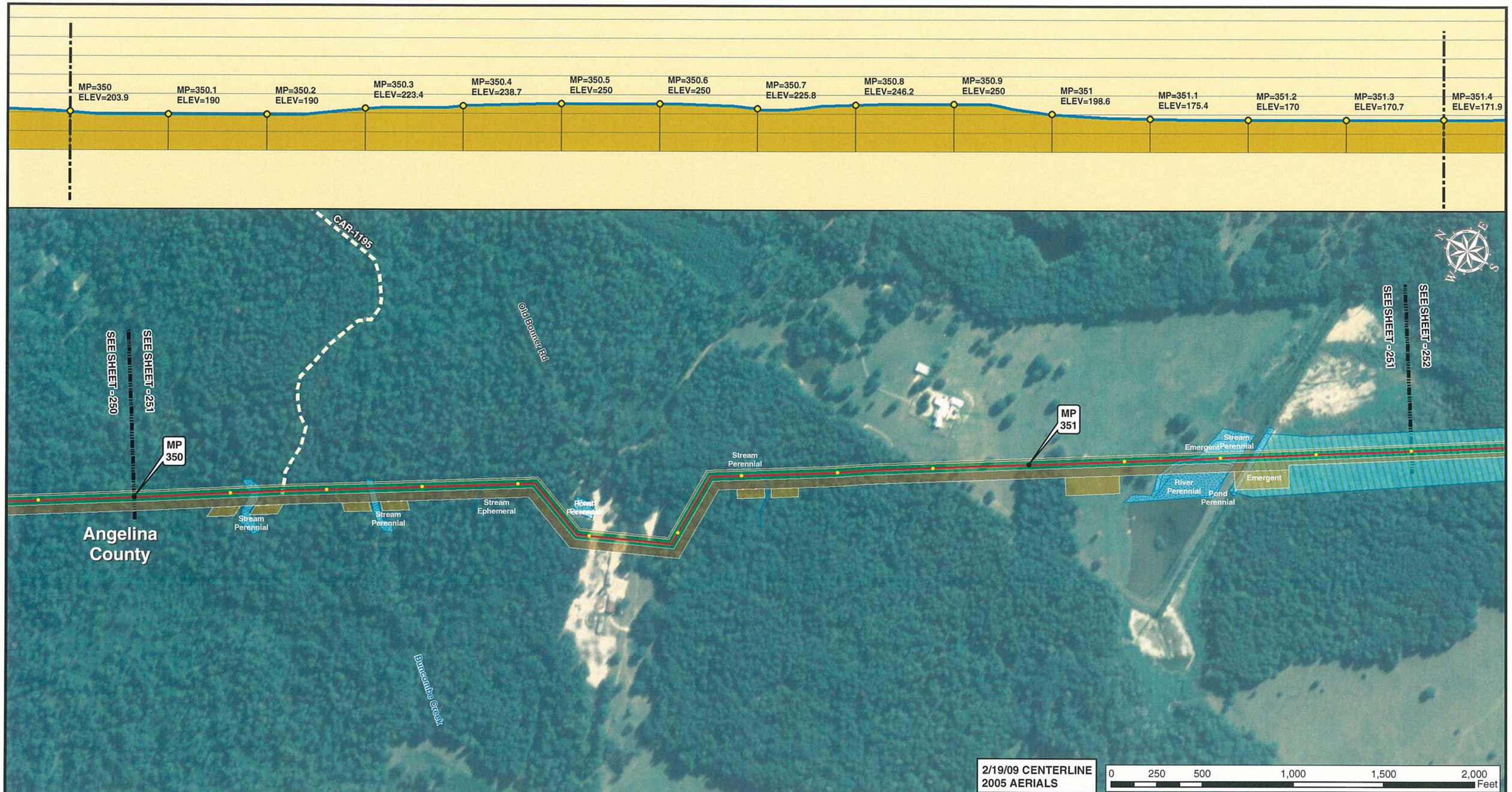
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 250-A	250	1



2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
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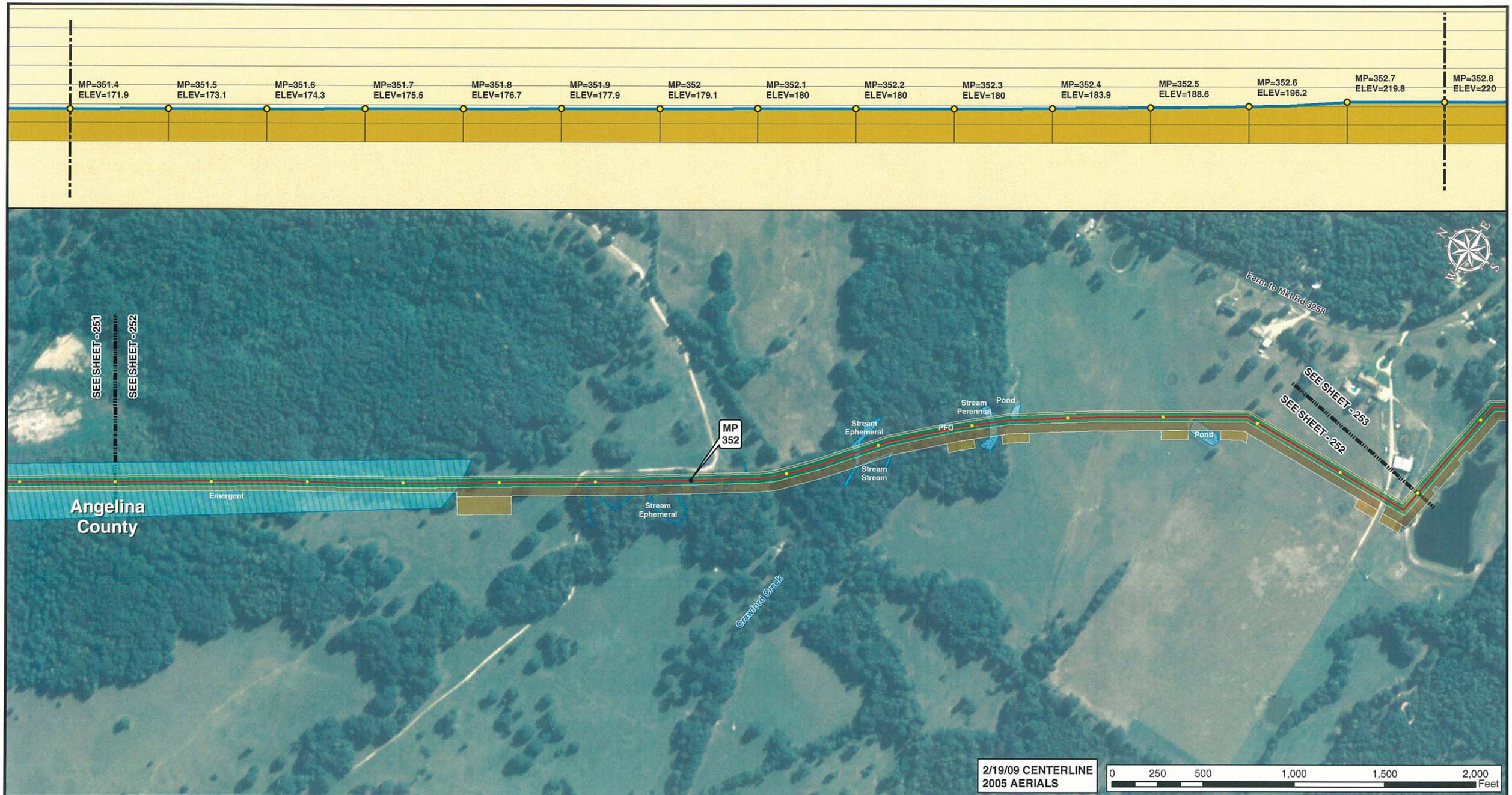
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 251-A	251	1



2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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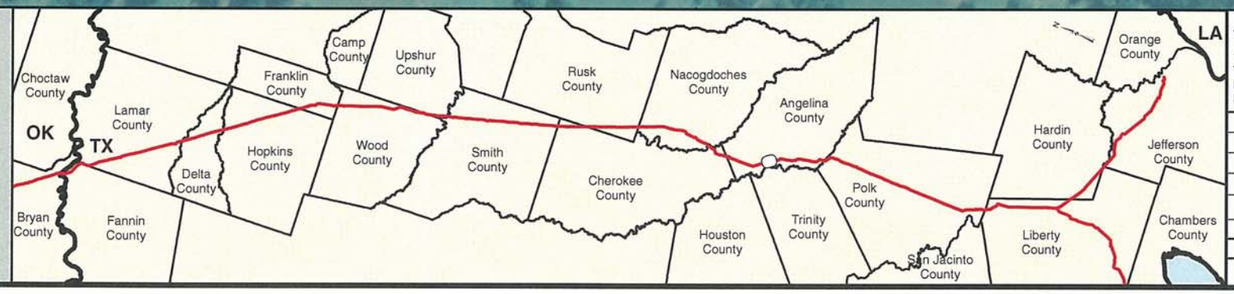

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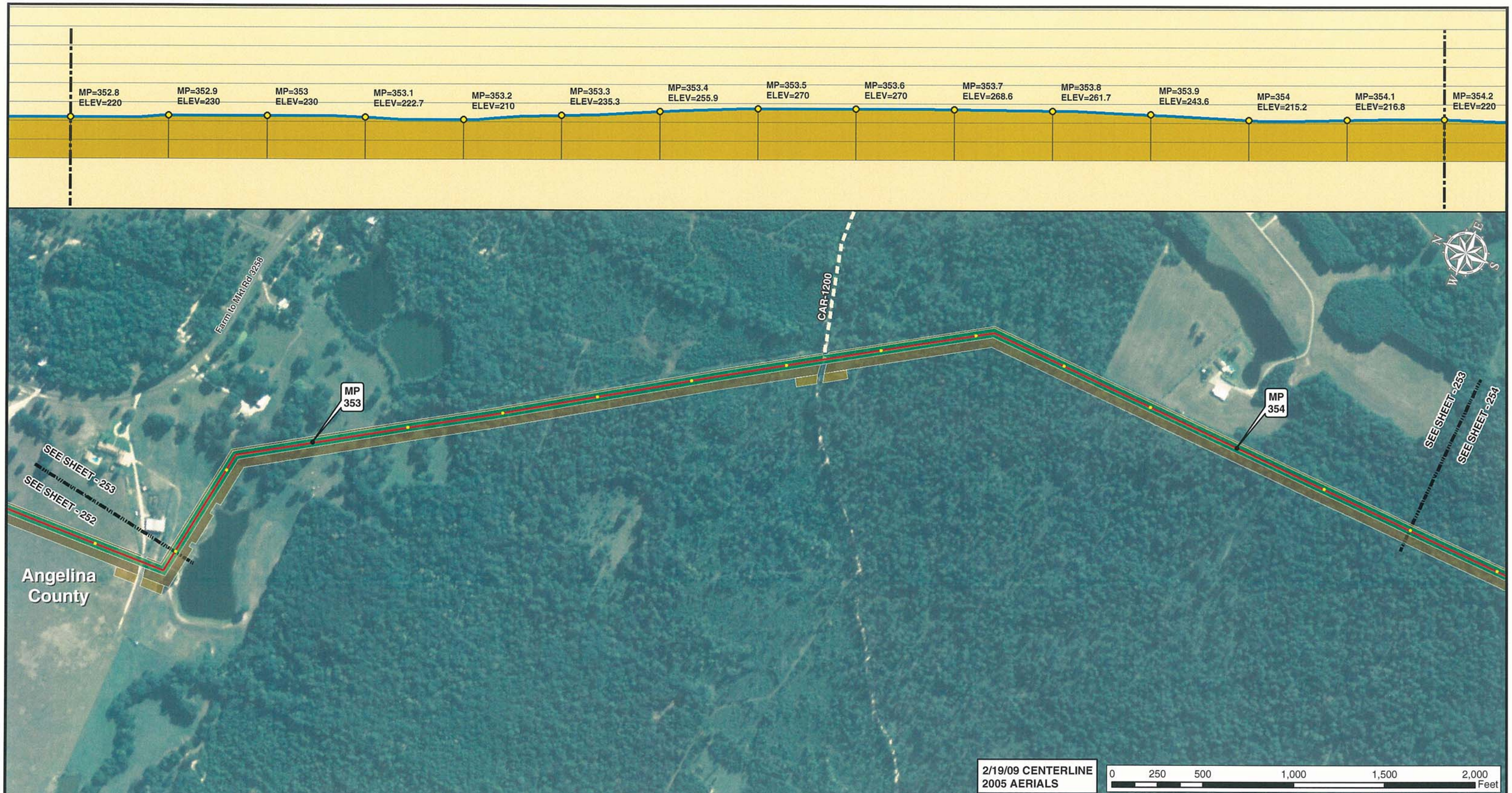
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 252-A	252	1



2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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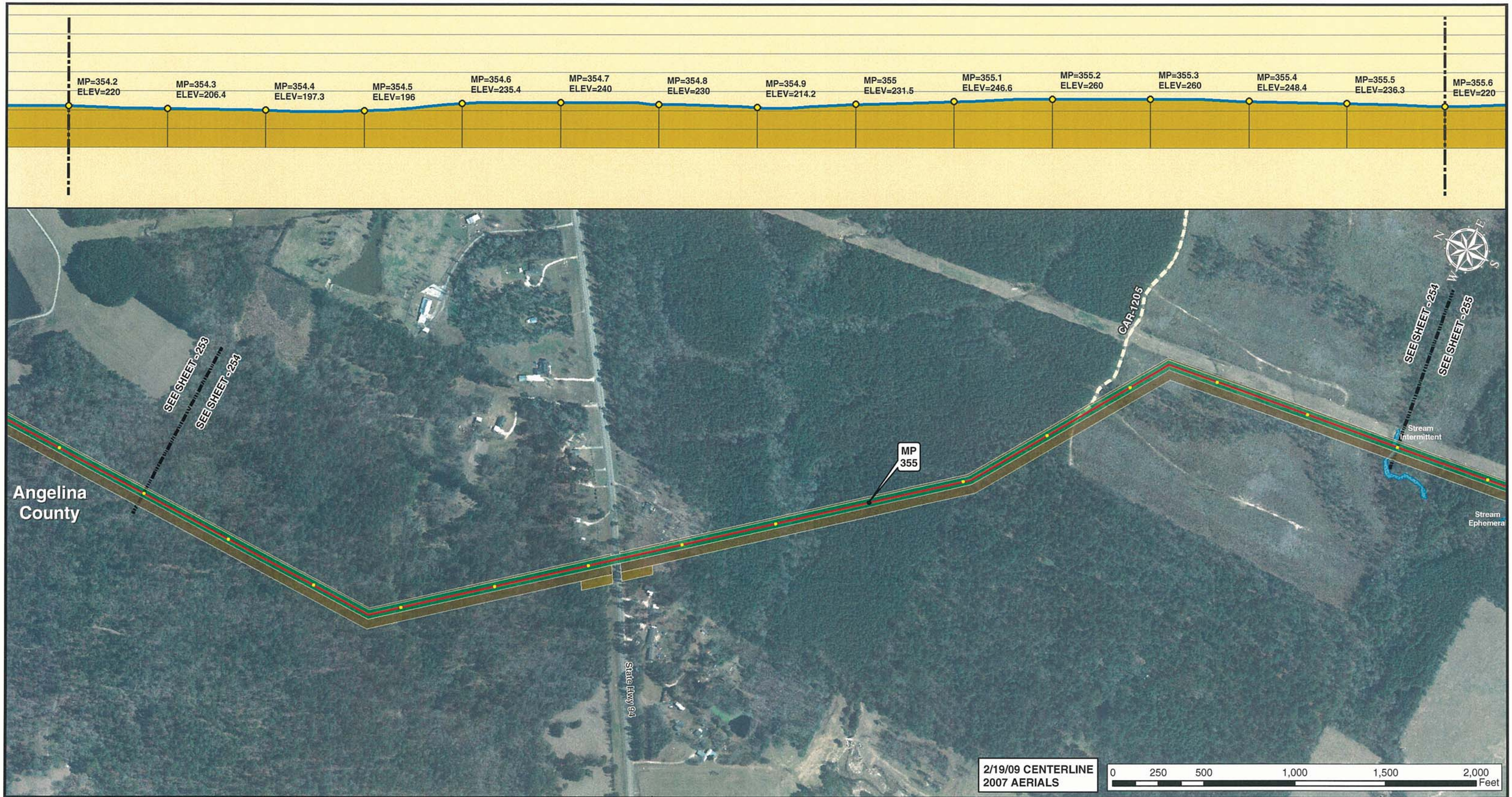
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 253-A	253	1



Legend

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- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
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- COUNTY LINE
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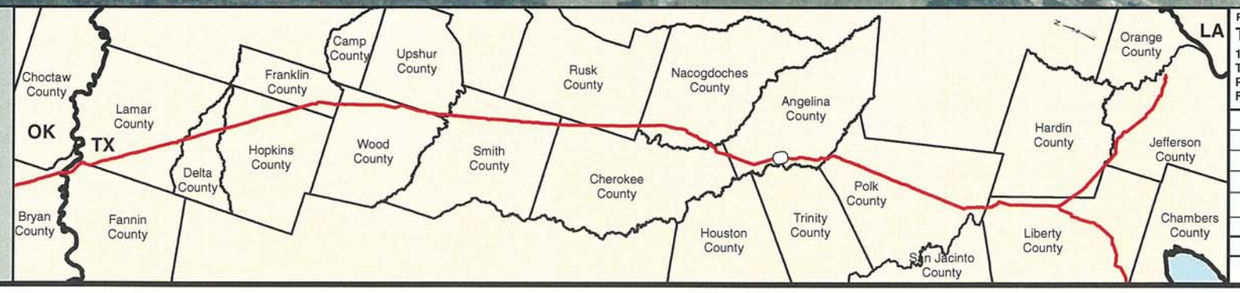

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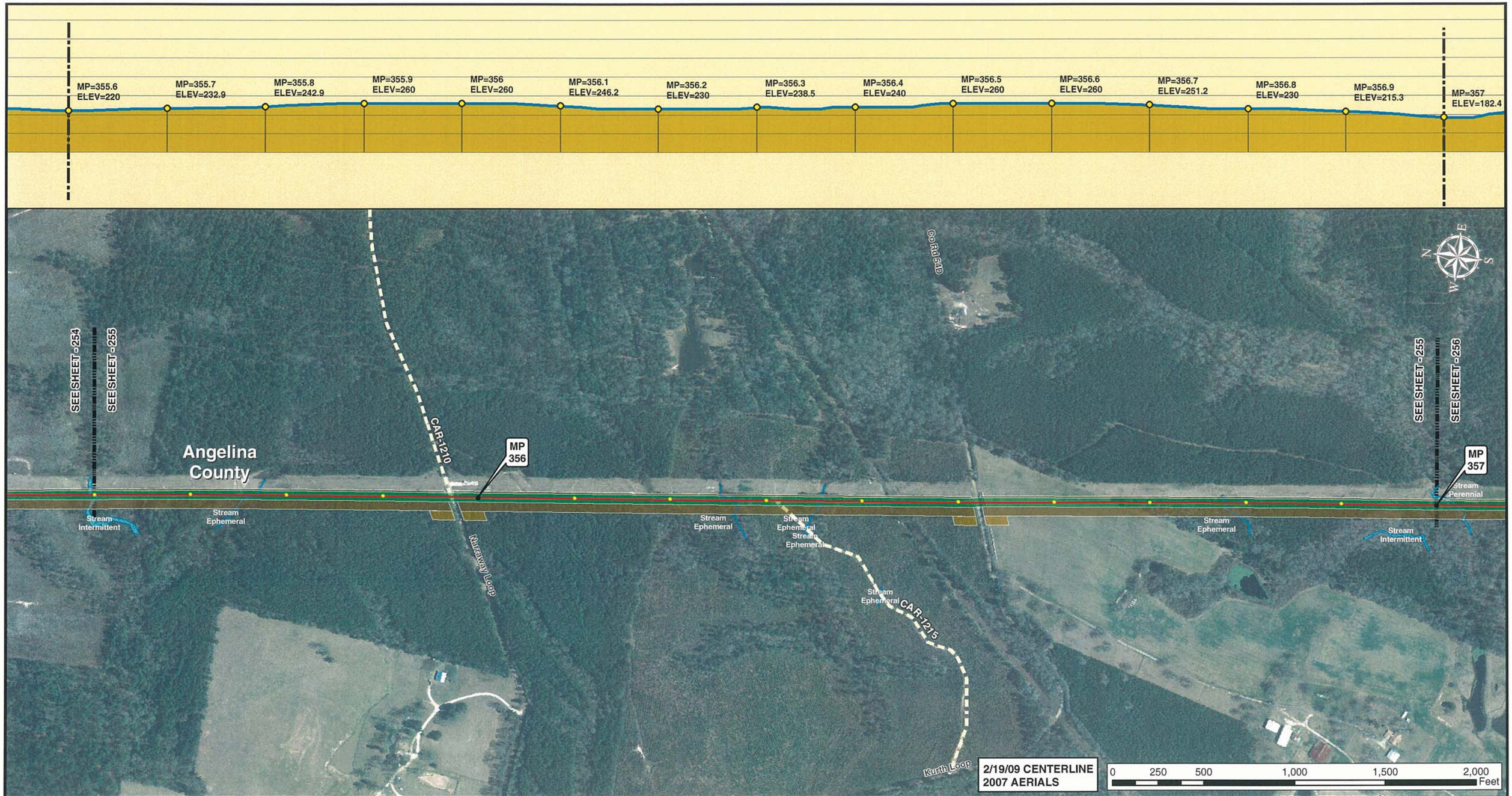
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 254-A	254	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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ANGELINA COUNTY, TEXAS

MAP PARAMETERS
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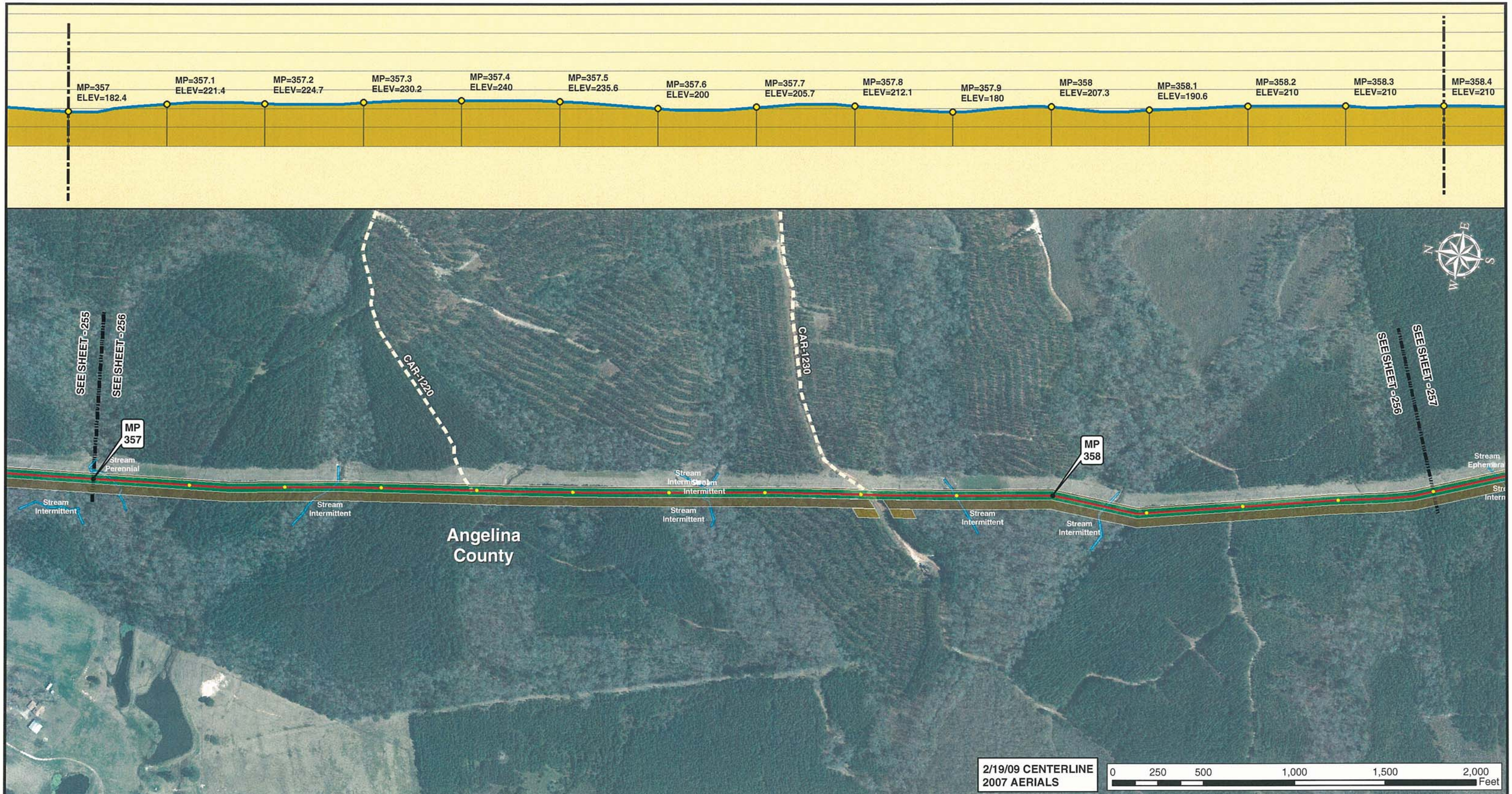
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 255-A	255	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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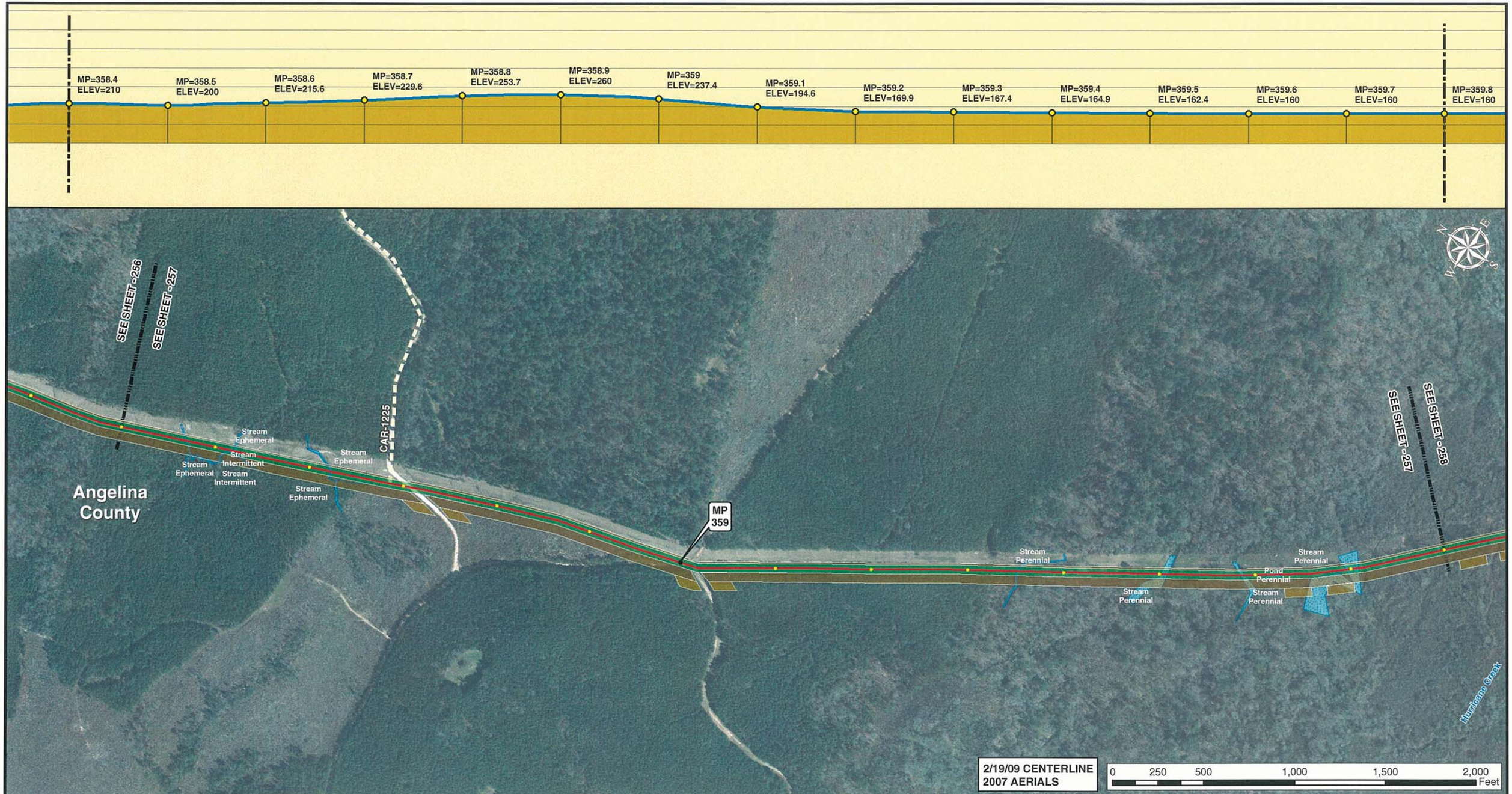
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 256-A	256	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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ANGELINA COUNTY, TEXAS

MAP PARAMETERS
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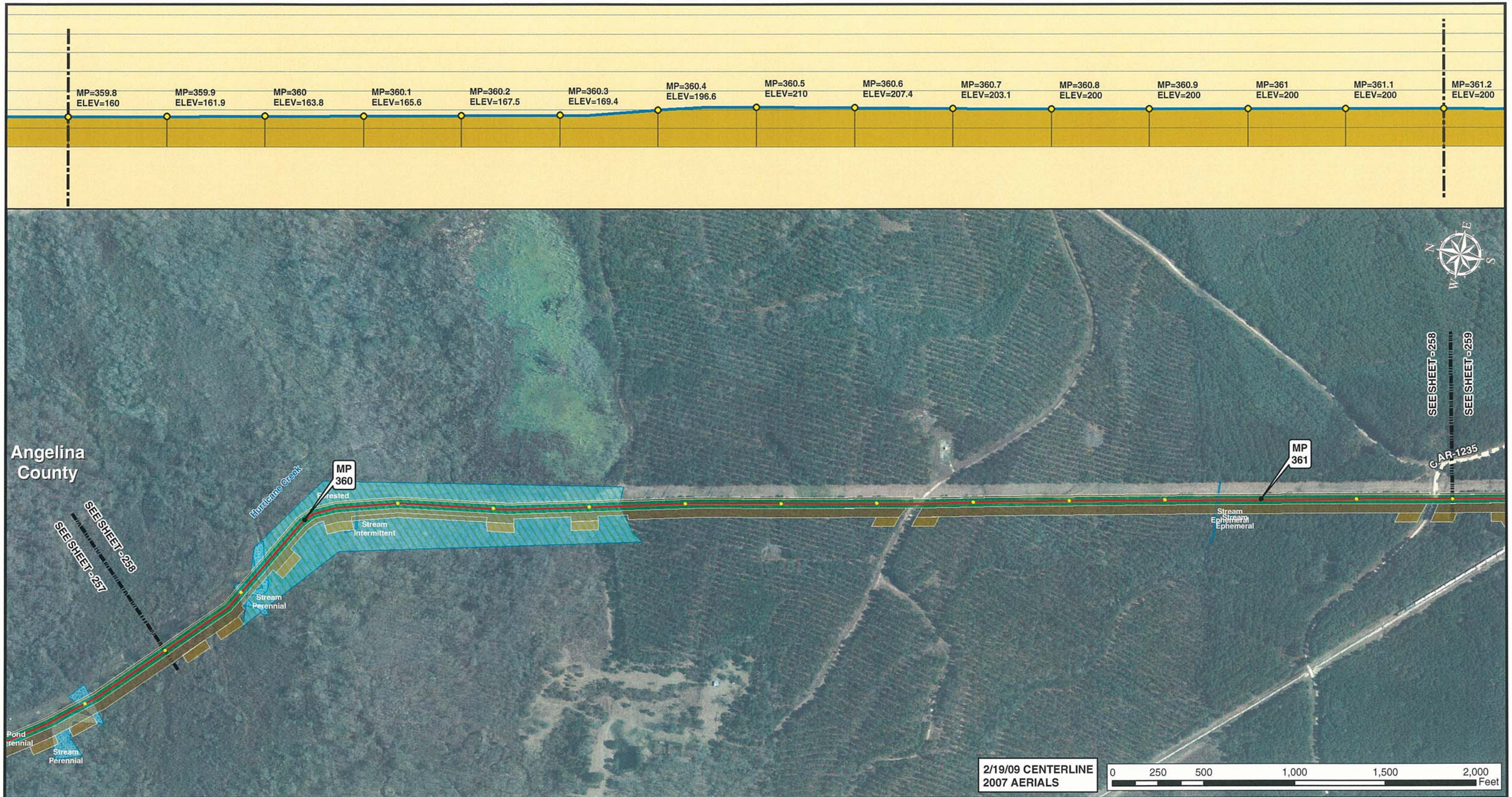
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 257-A	257	1



Legend

- MILE POST
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- VALVE
- KEYSTONE XL PROJECT
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- TEMPORARY EASEMENT
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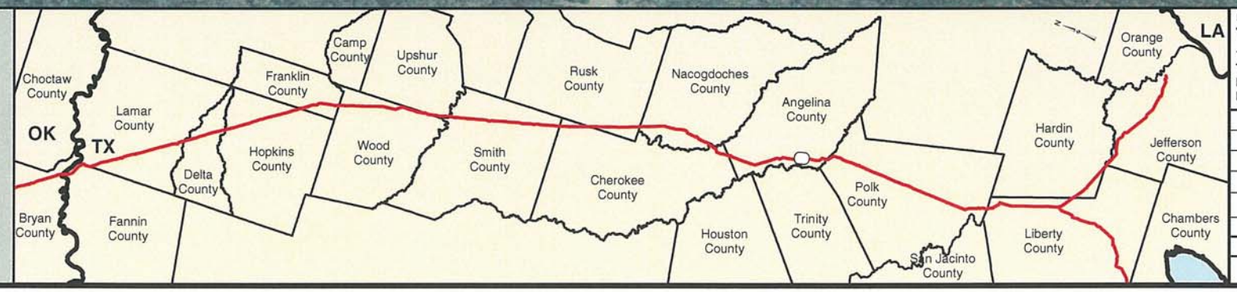
- SECTION LINE



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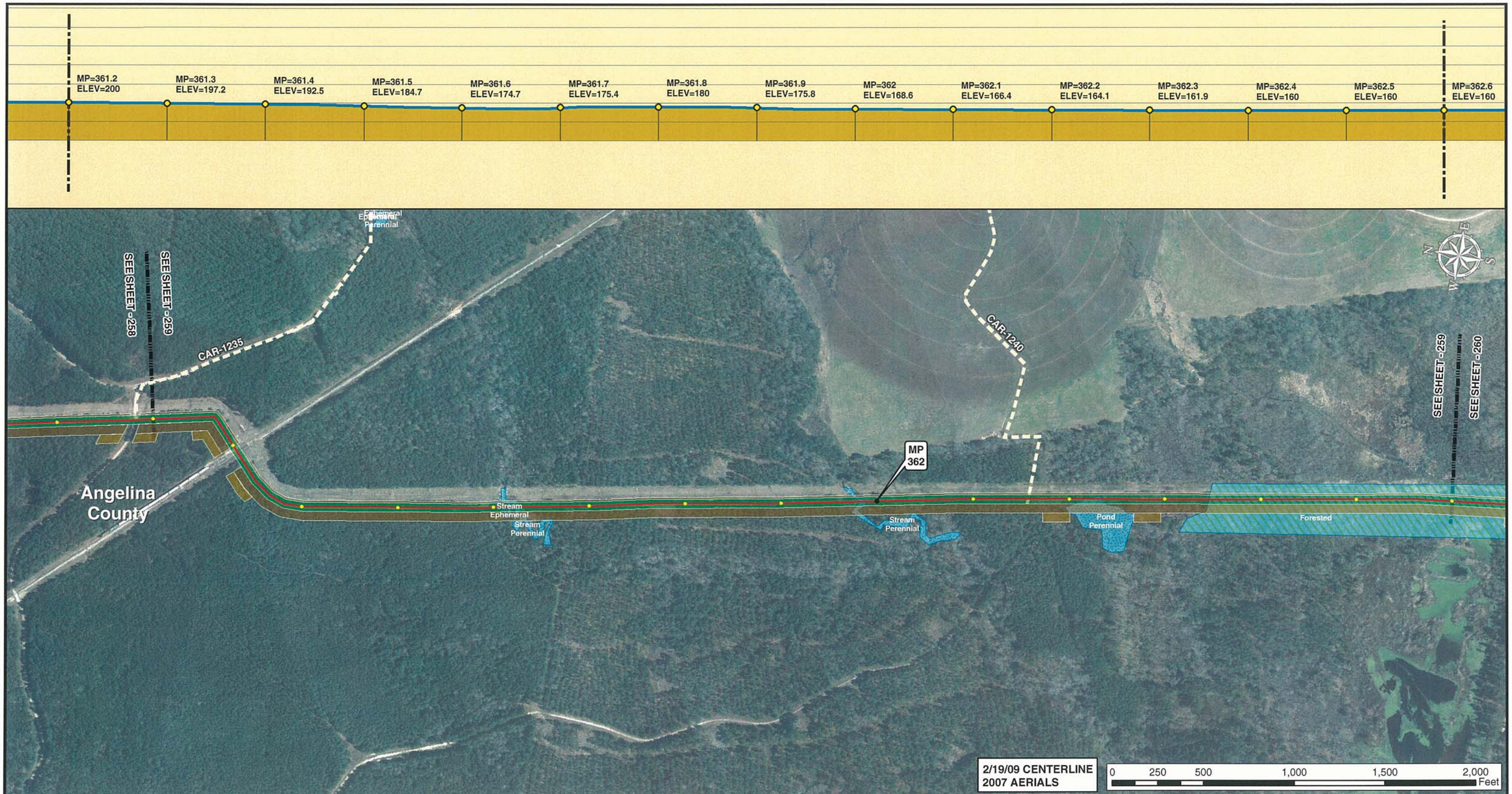
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 258-A	258	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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ANGELINA COUNTY, TEXAS

MAP PARAMETERS
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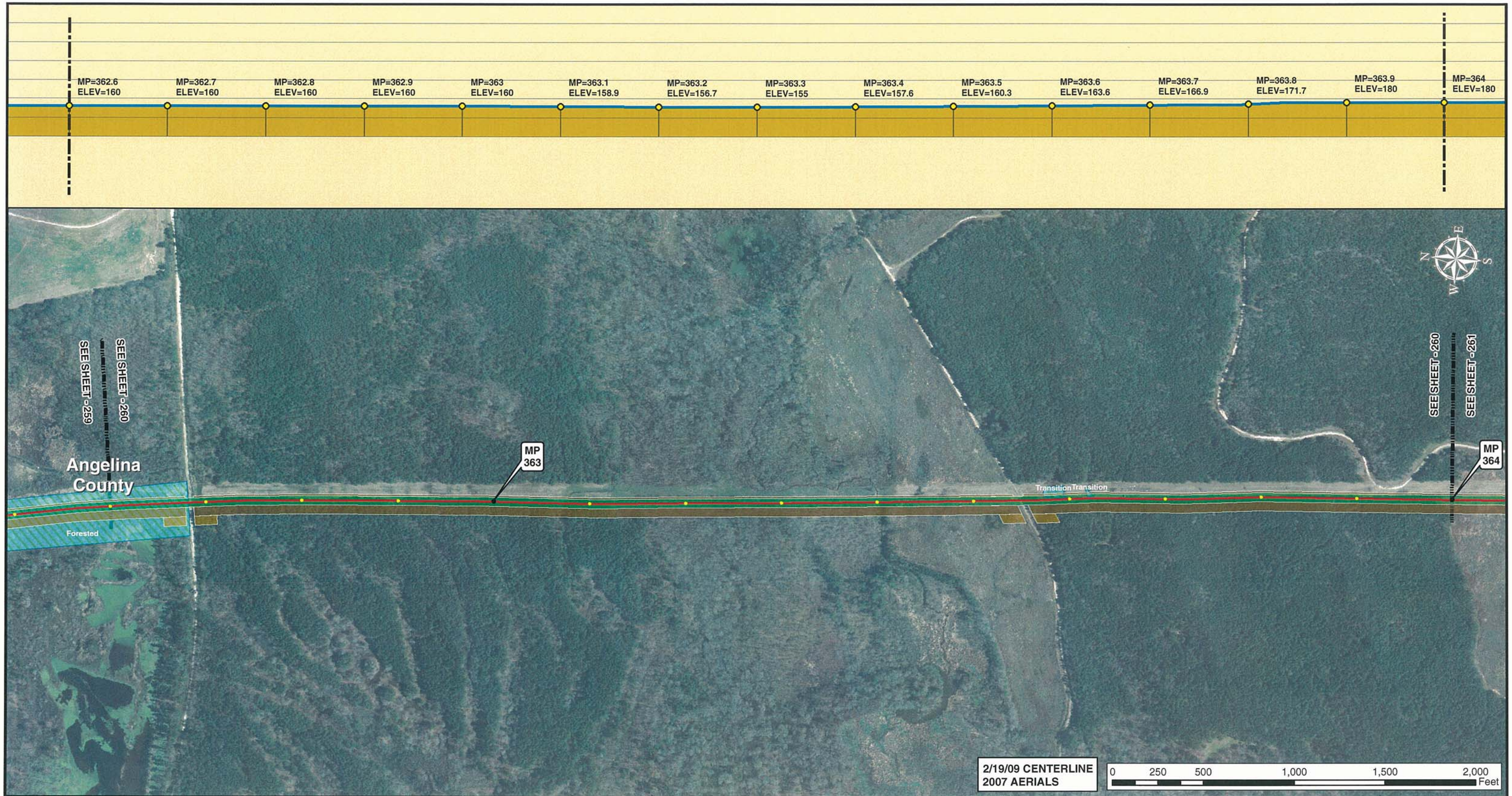
GS	SS	RG	50388X	XL-48 -ML-2002-P- 259-A	259	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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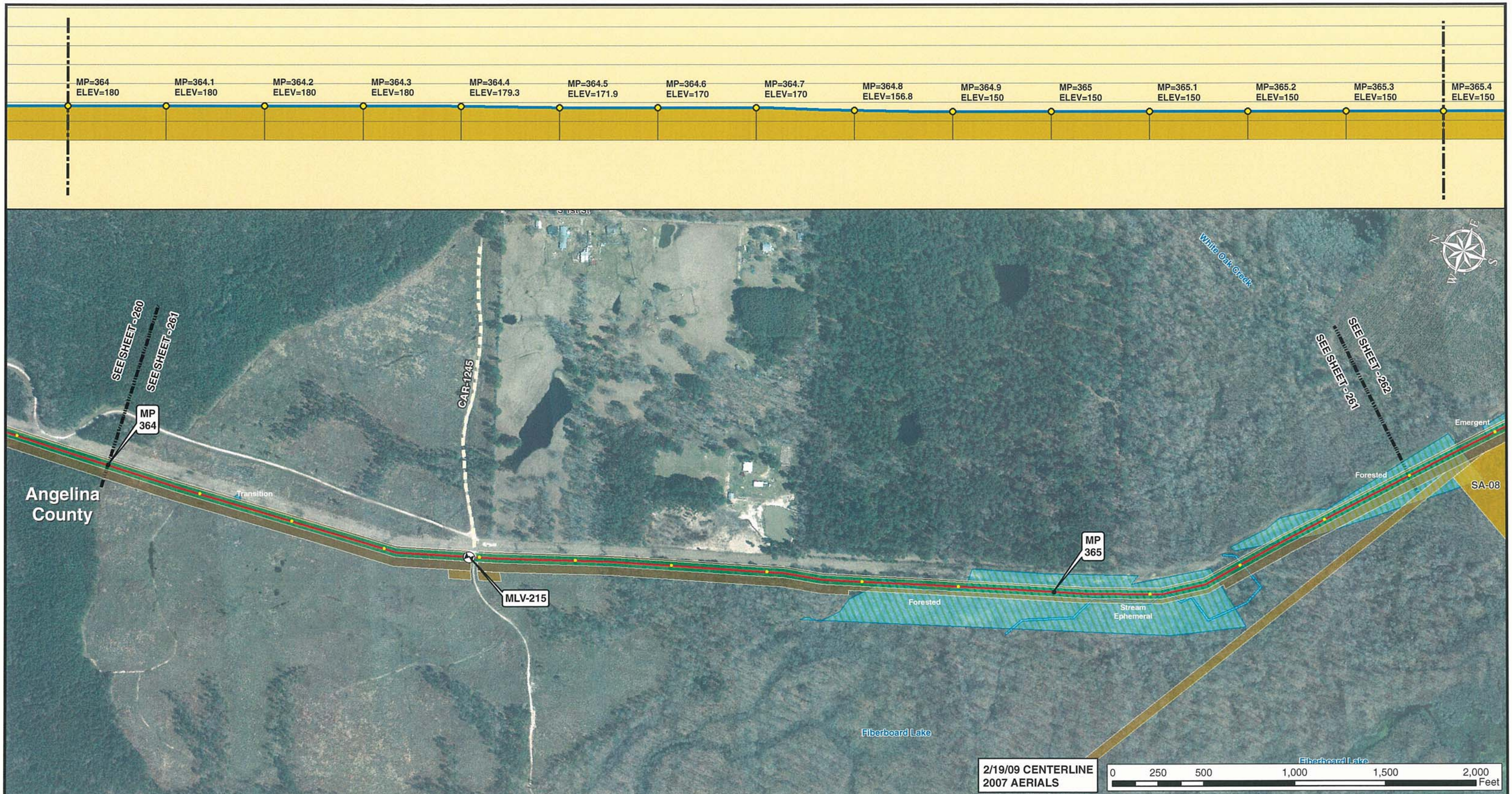
GS	SS	RG	50388X	XL-48 -ML-2002-P- 260-A	260	1



Legend

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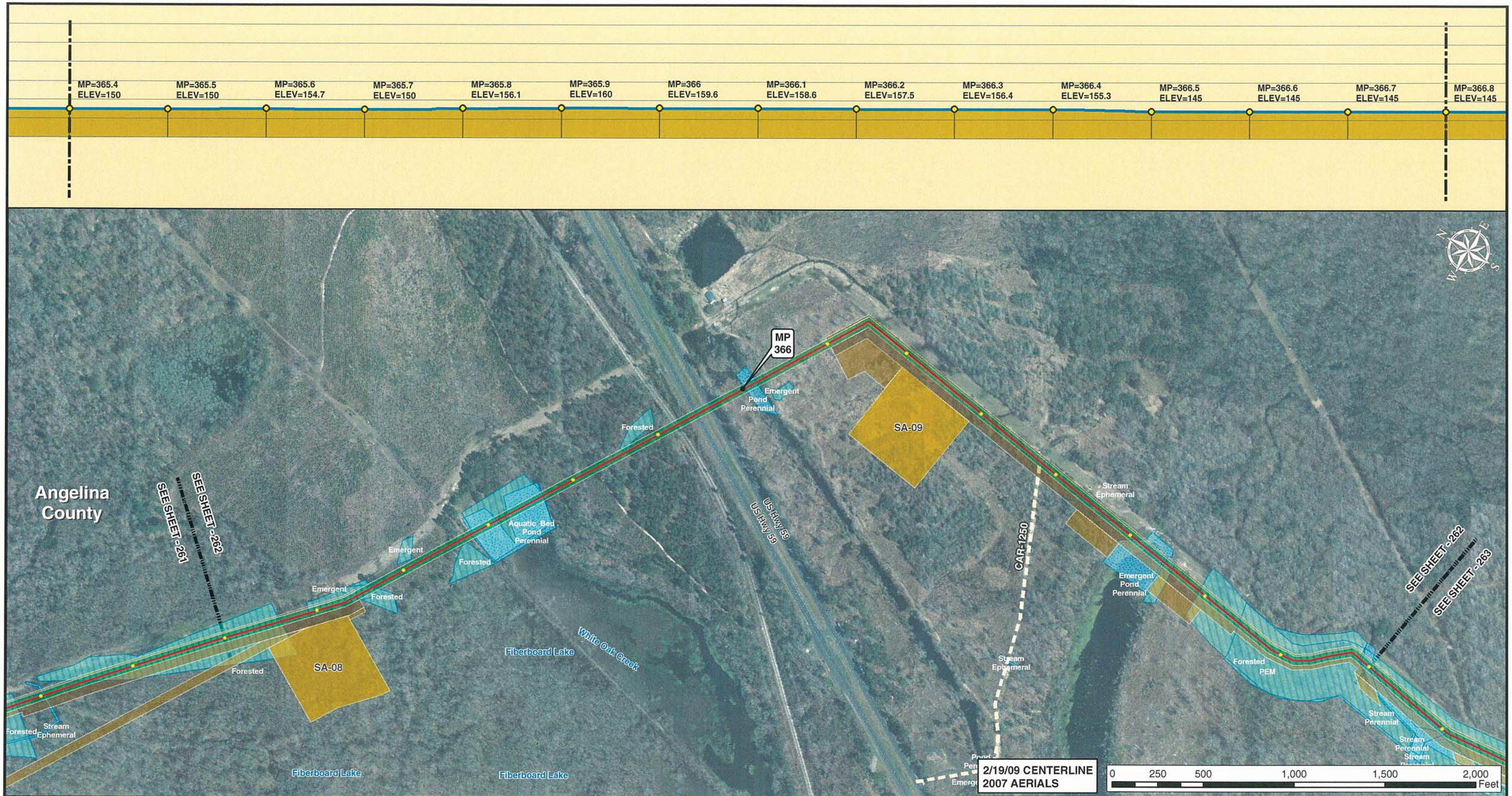
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 261-A	261	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
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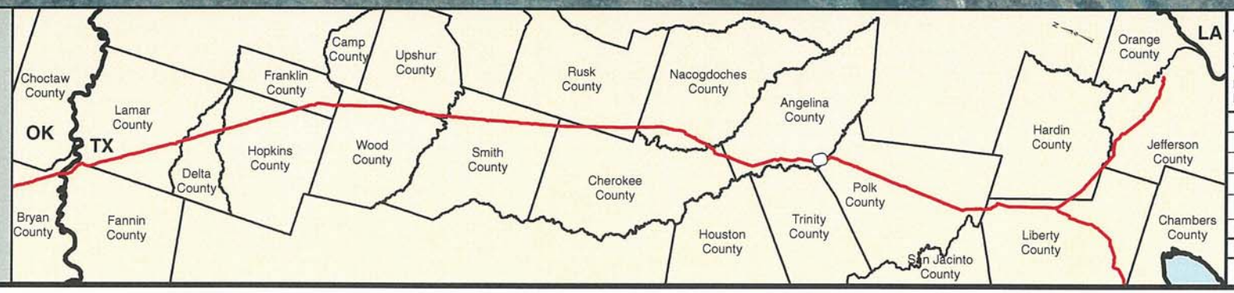

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0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
ANGELINA COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
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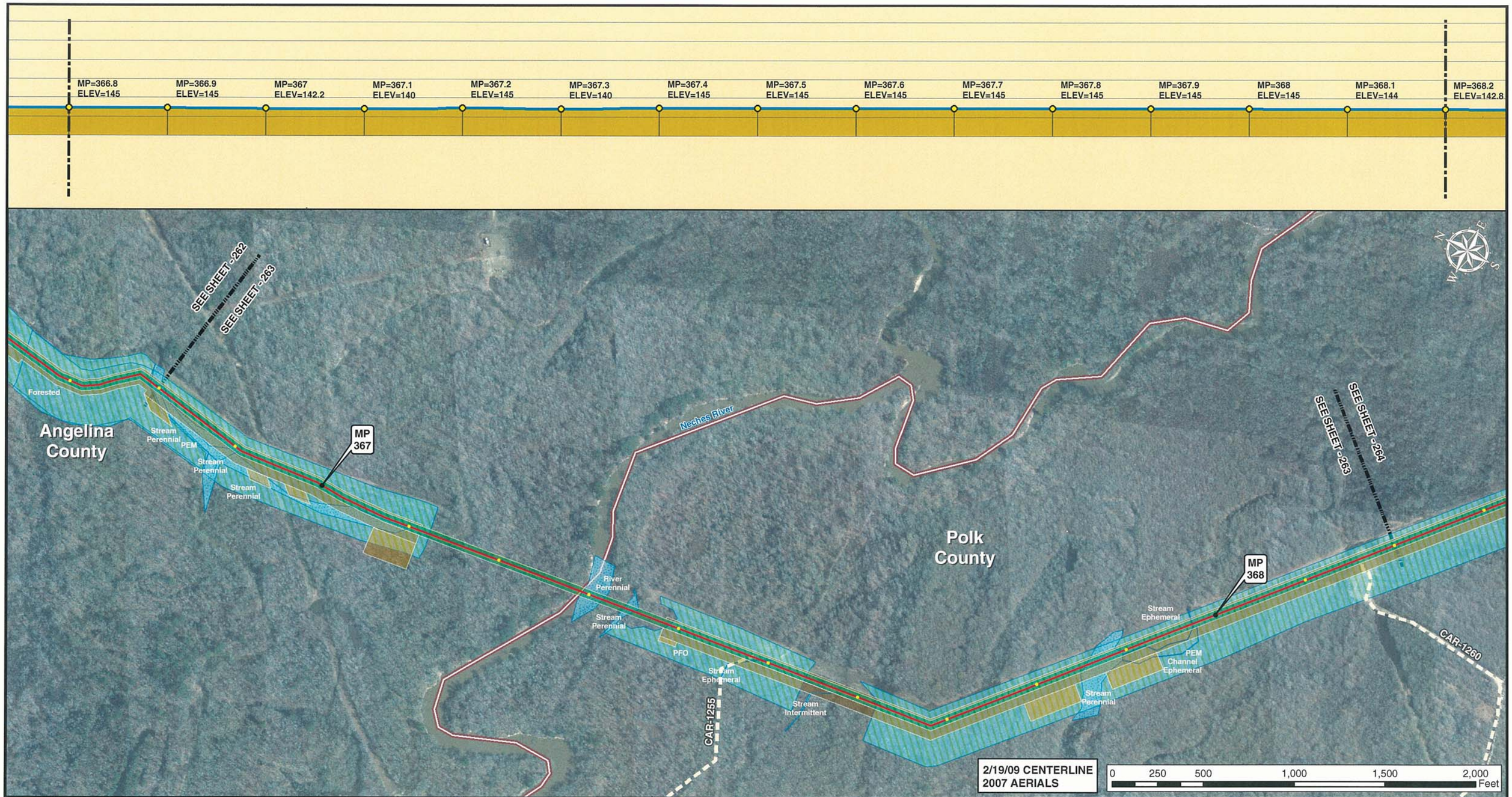
GS	SS	RG	50388X	XL-48 -ML-2002-P- 262-A	262	1



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POLK COUNTY, TEXAS

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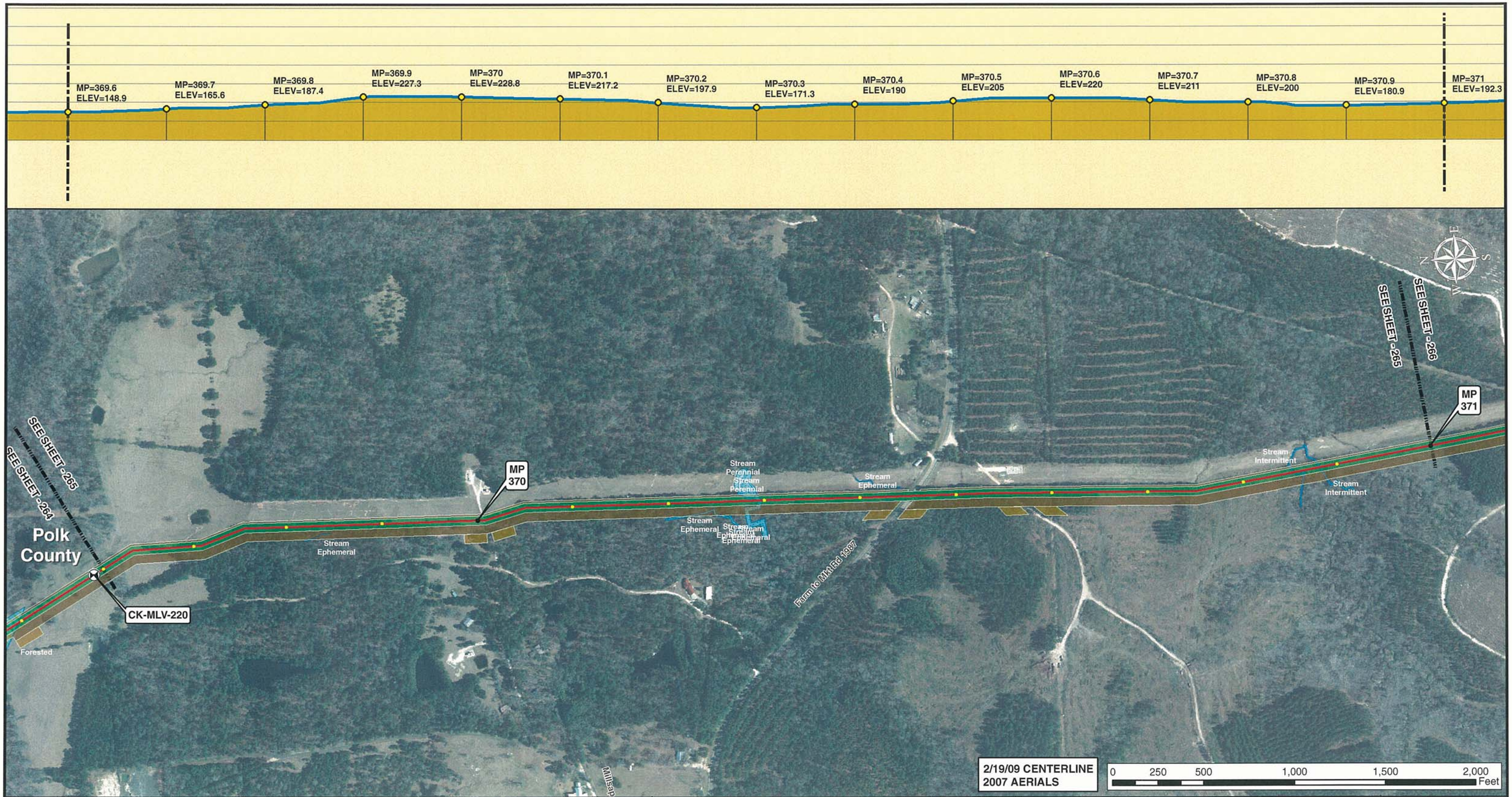

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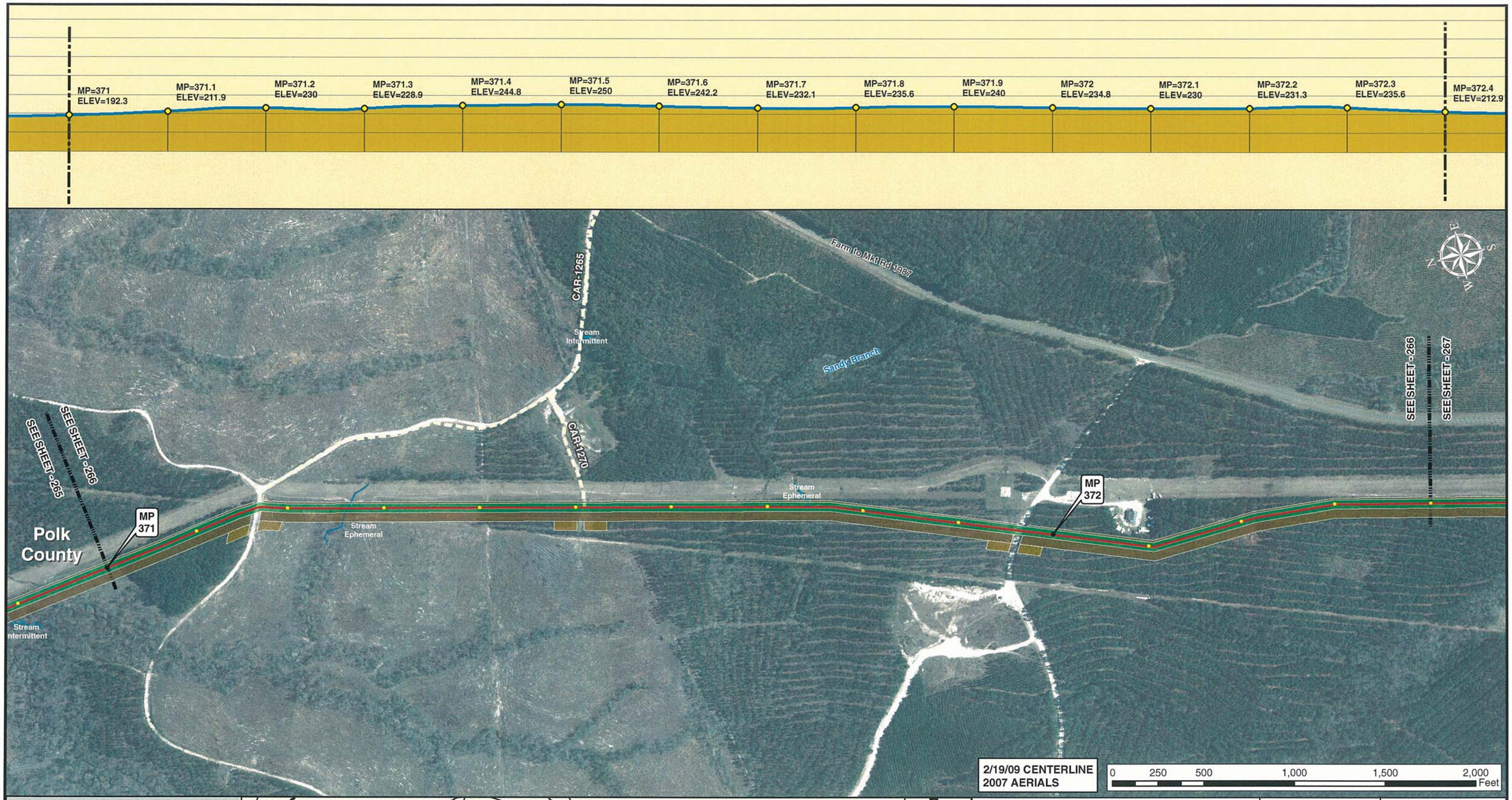

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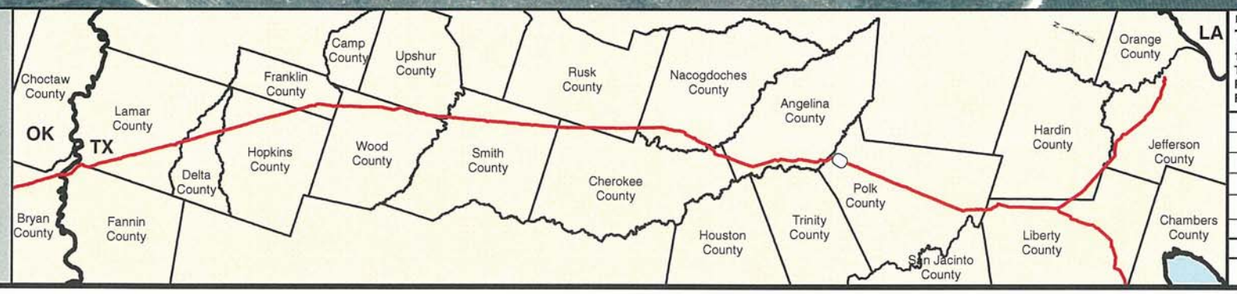

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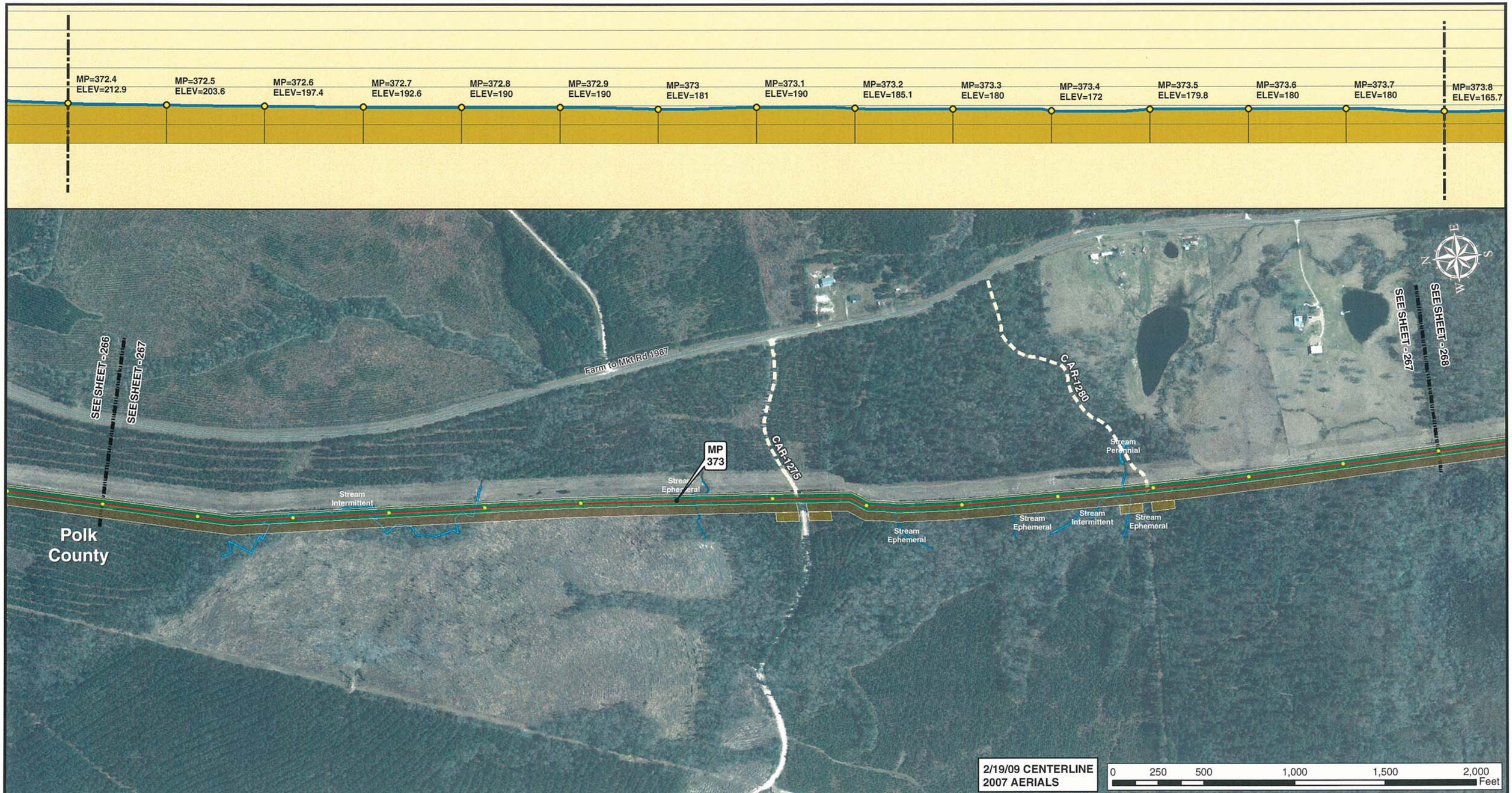

2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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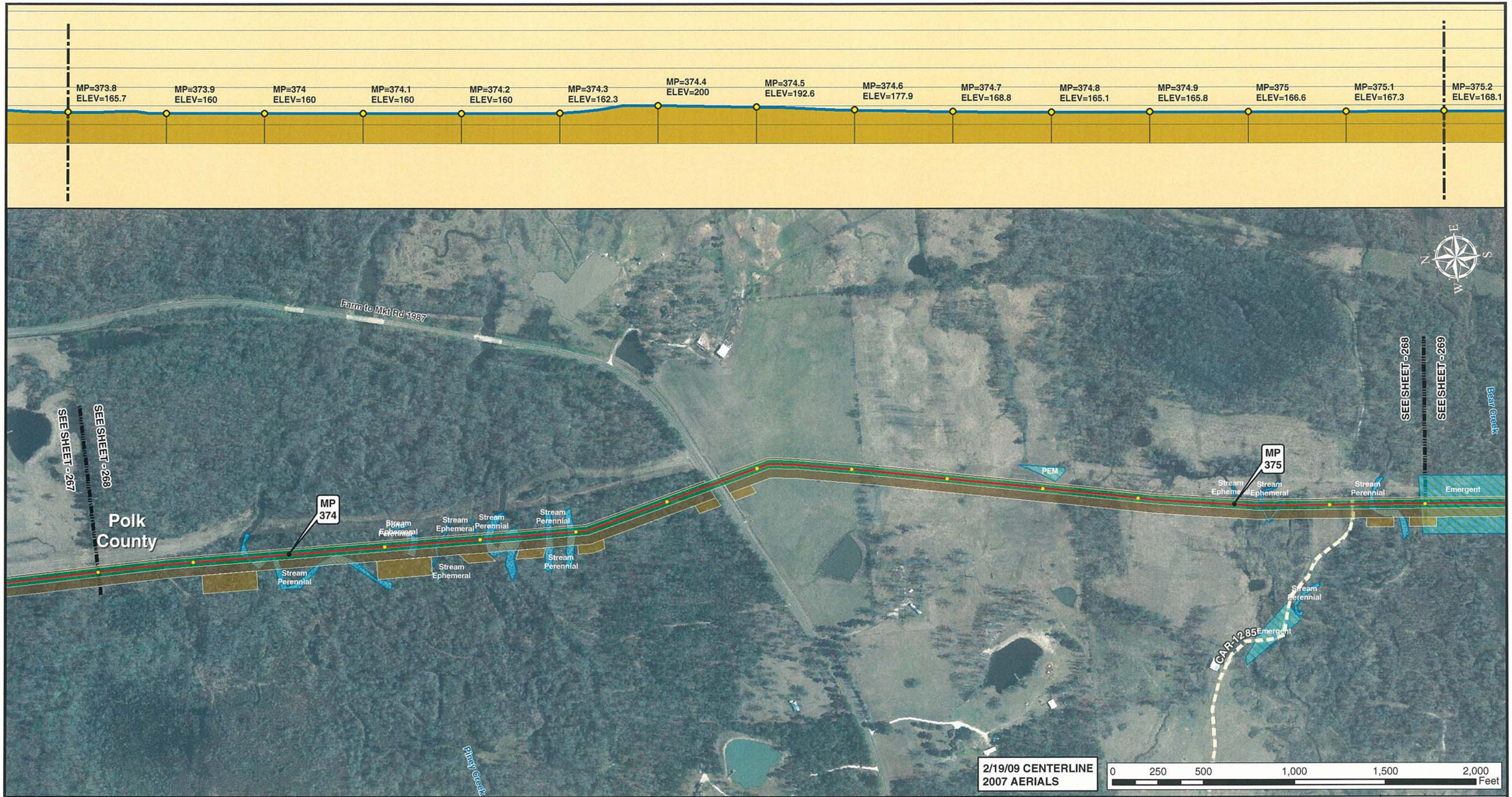

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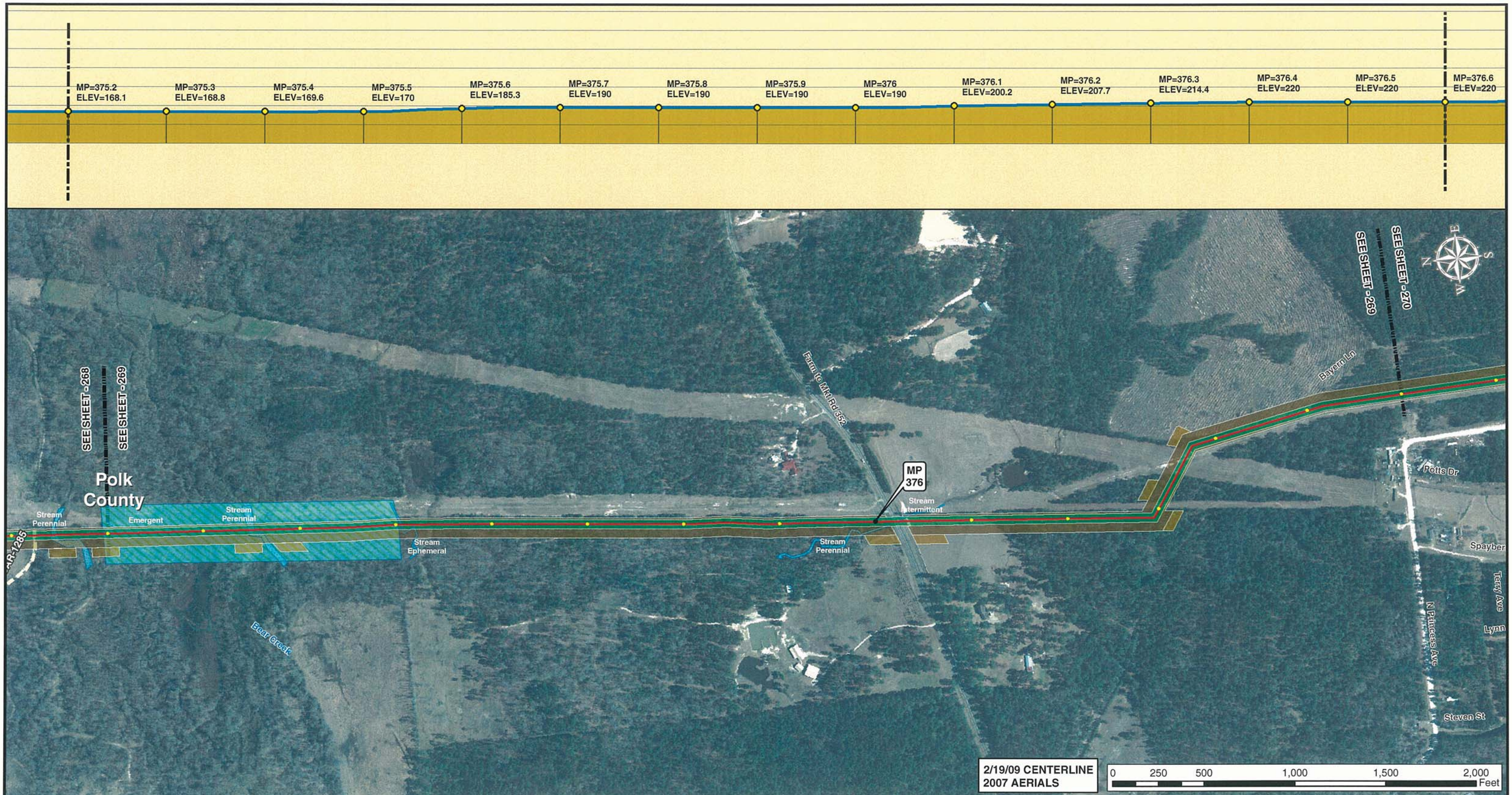

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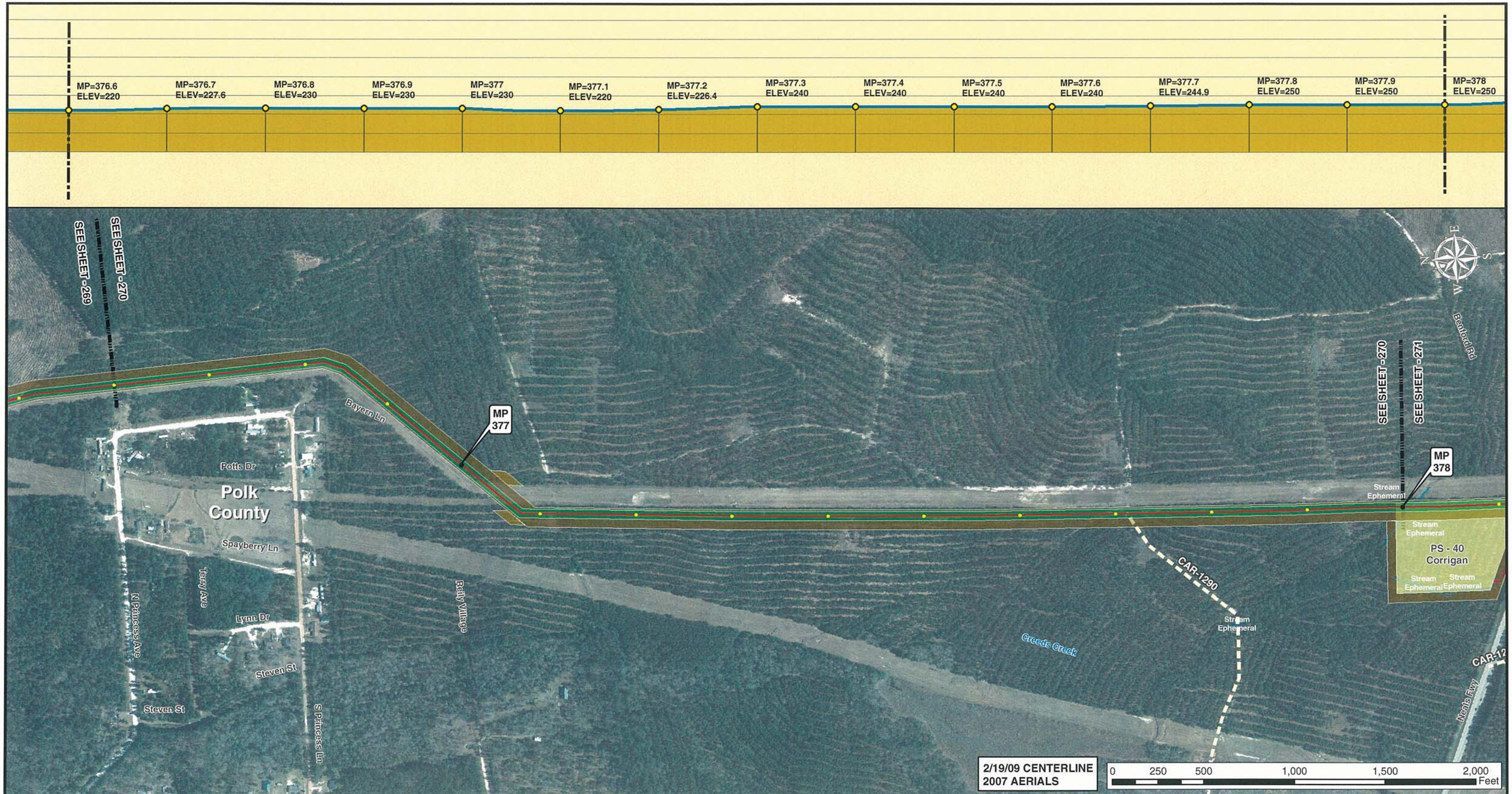

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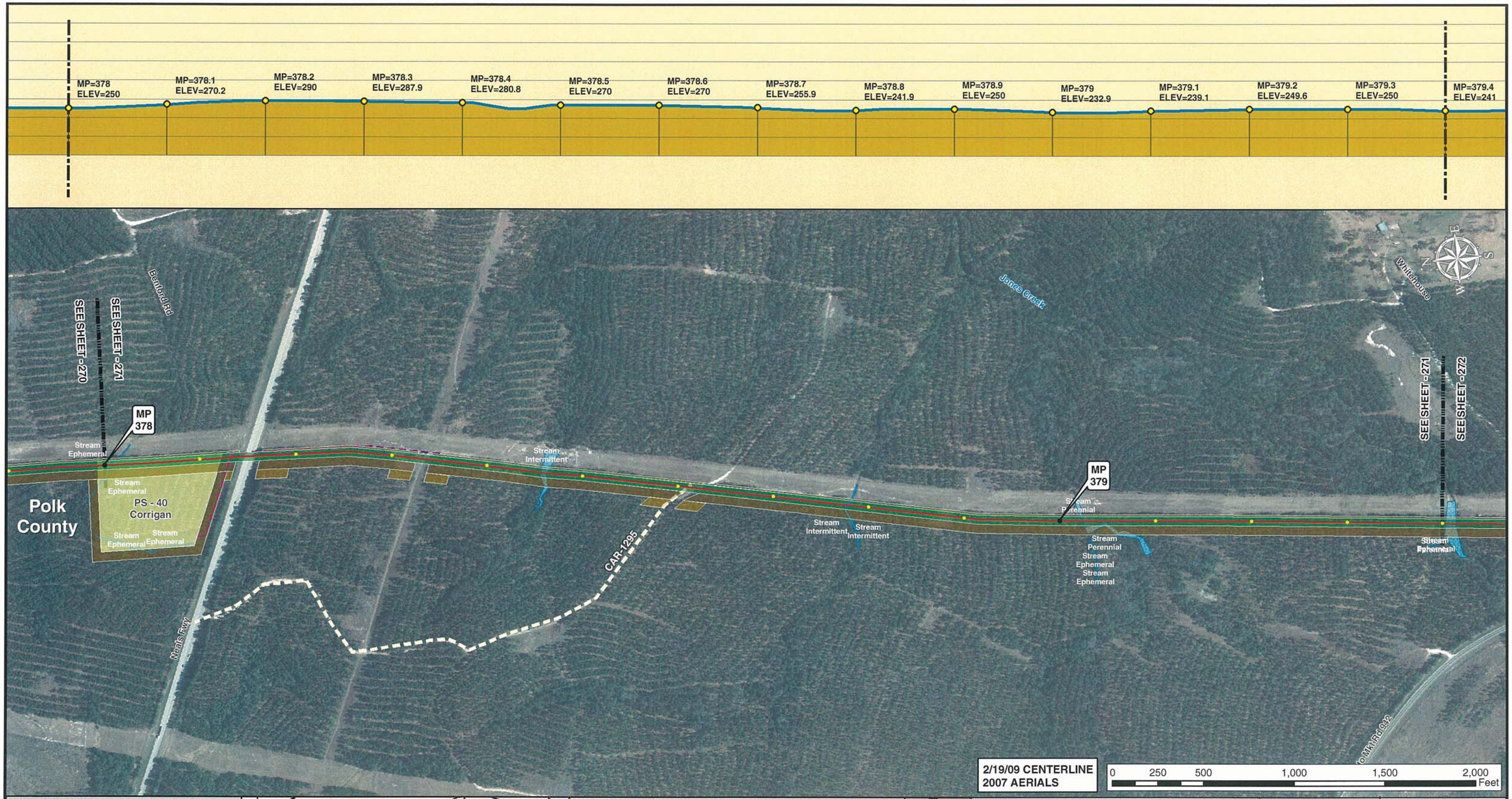

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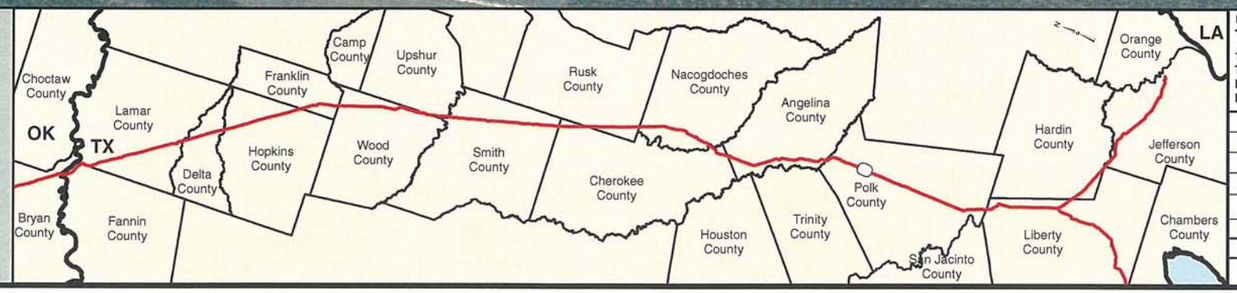

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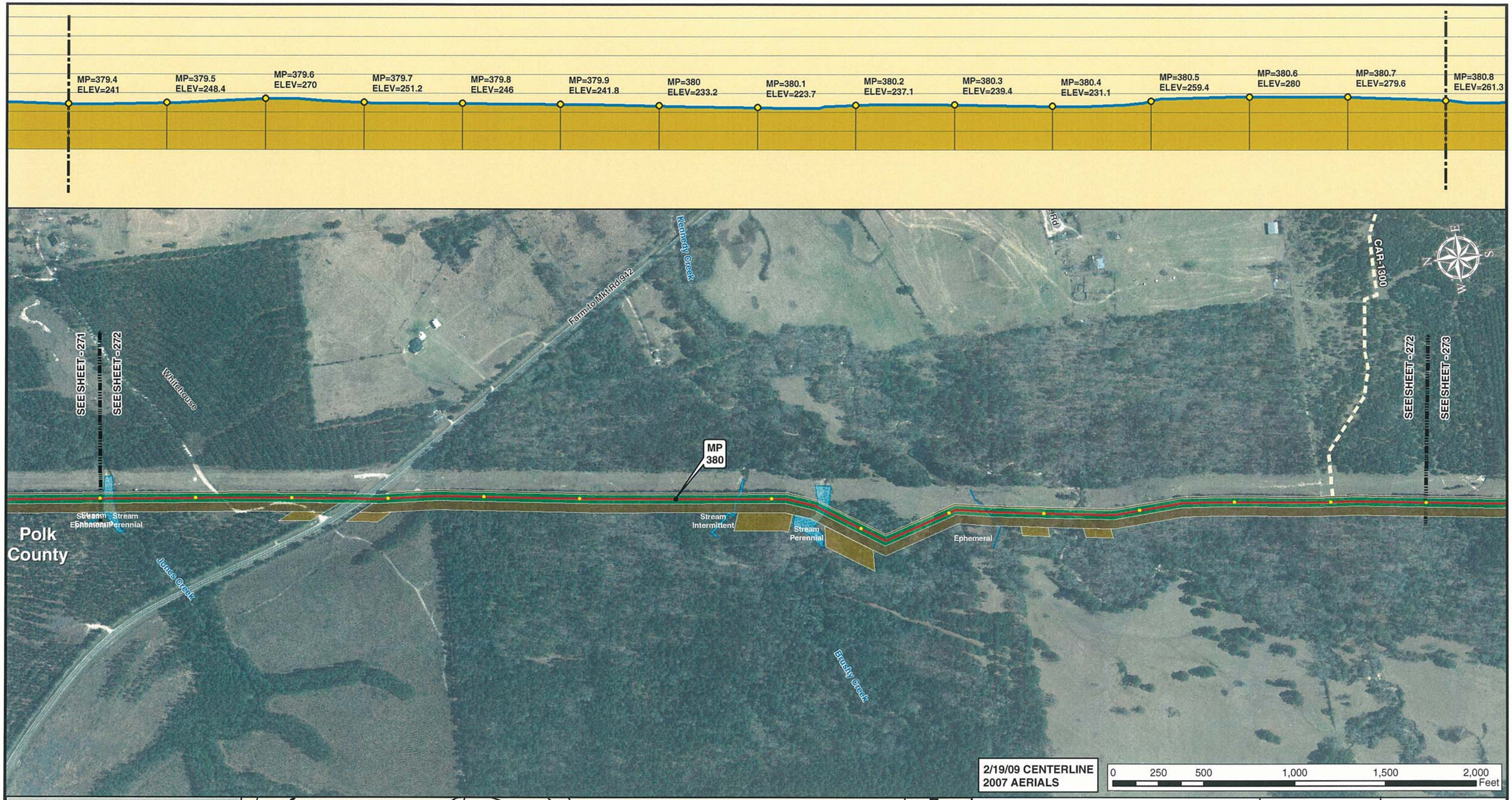

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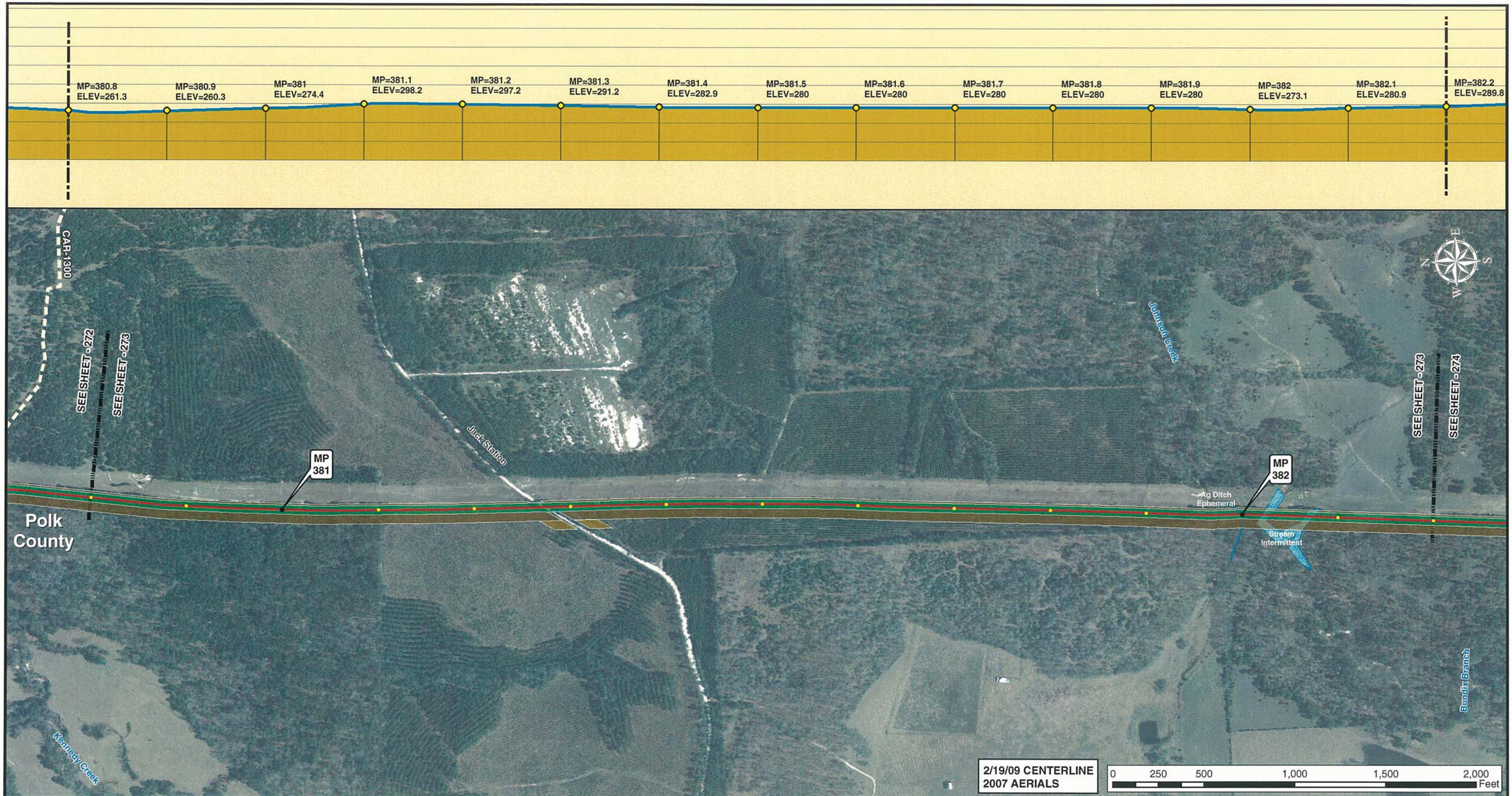

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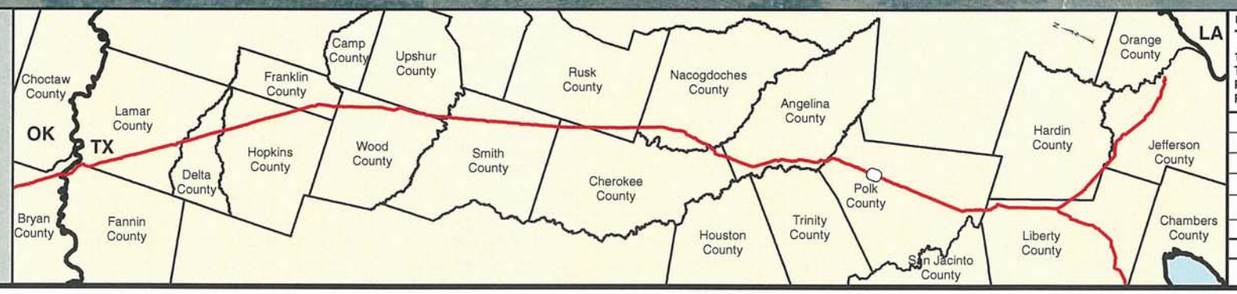

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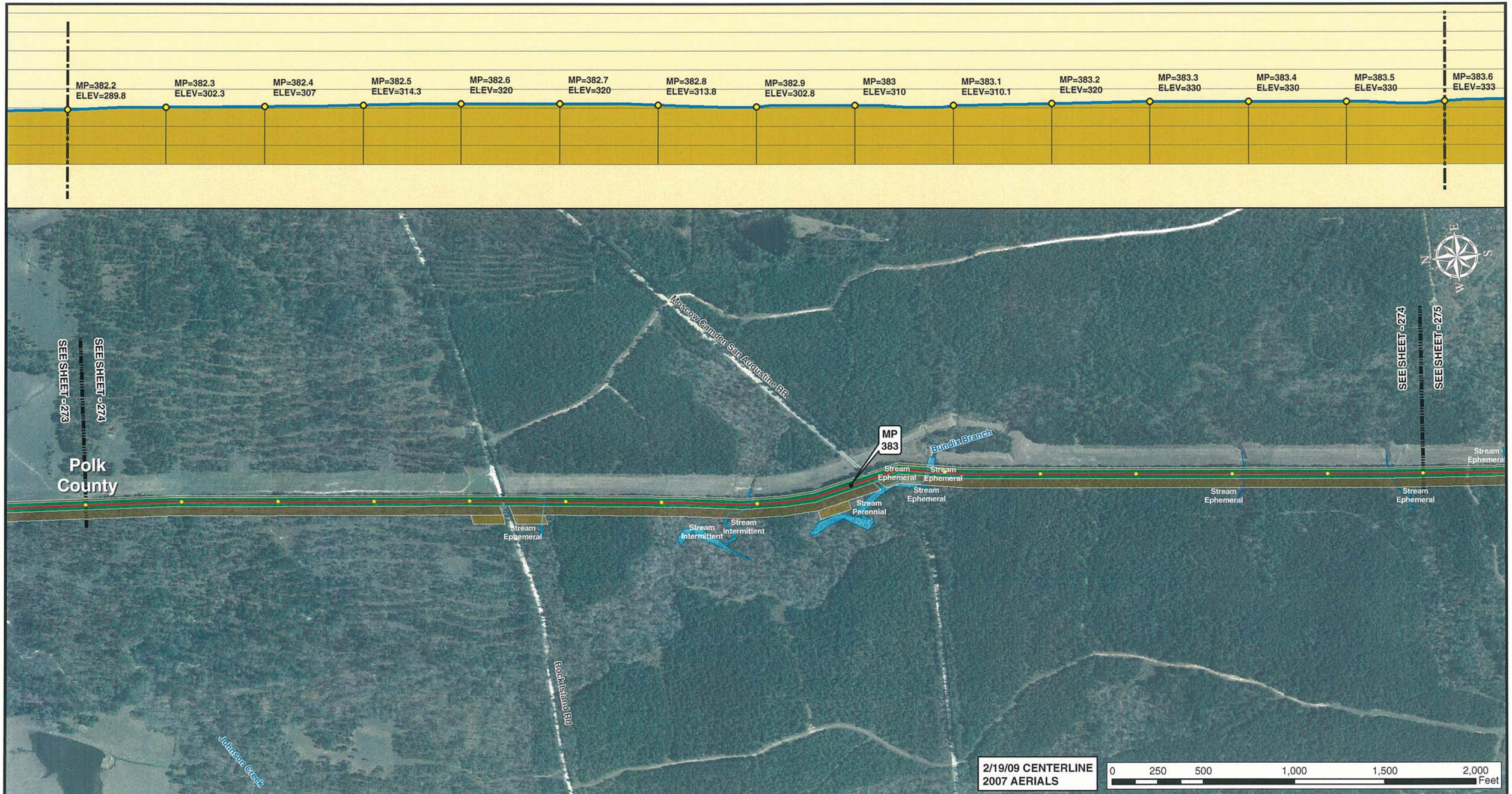

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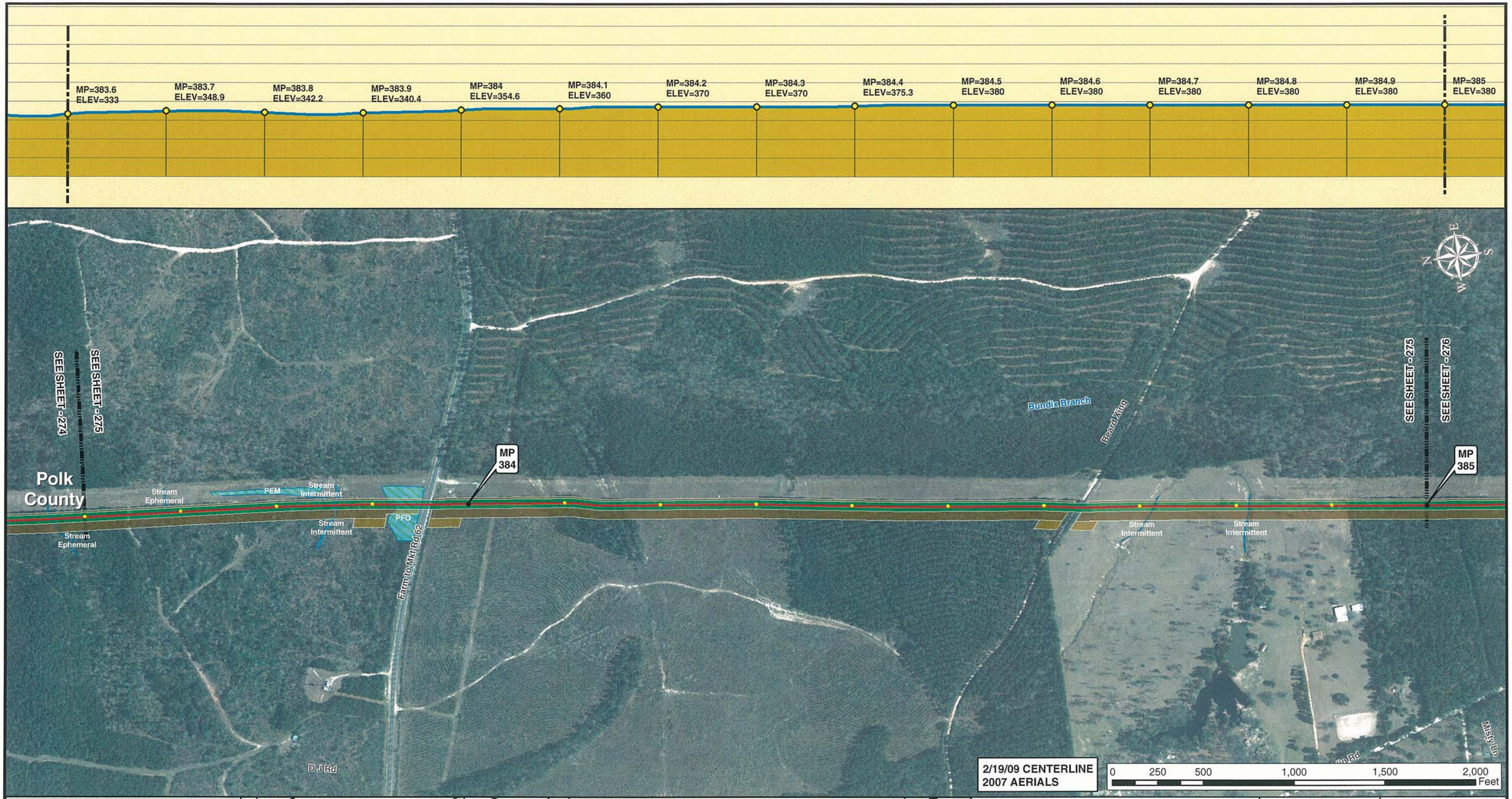

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1	ISSUED FOR SUPPLEMENTAL U.S. DEPT. OF STATE FILING (2.19.09 CL)	7.6.09
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

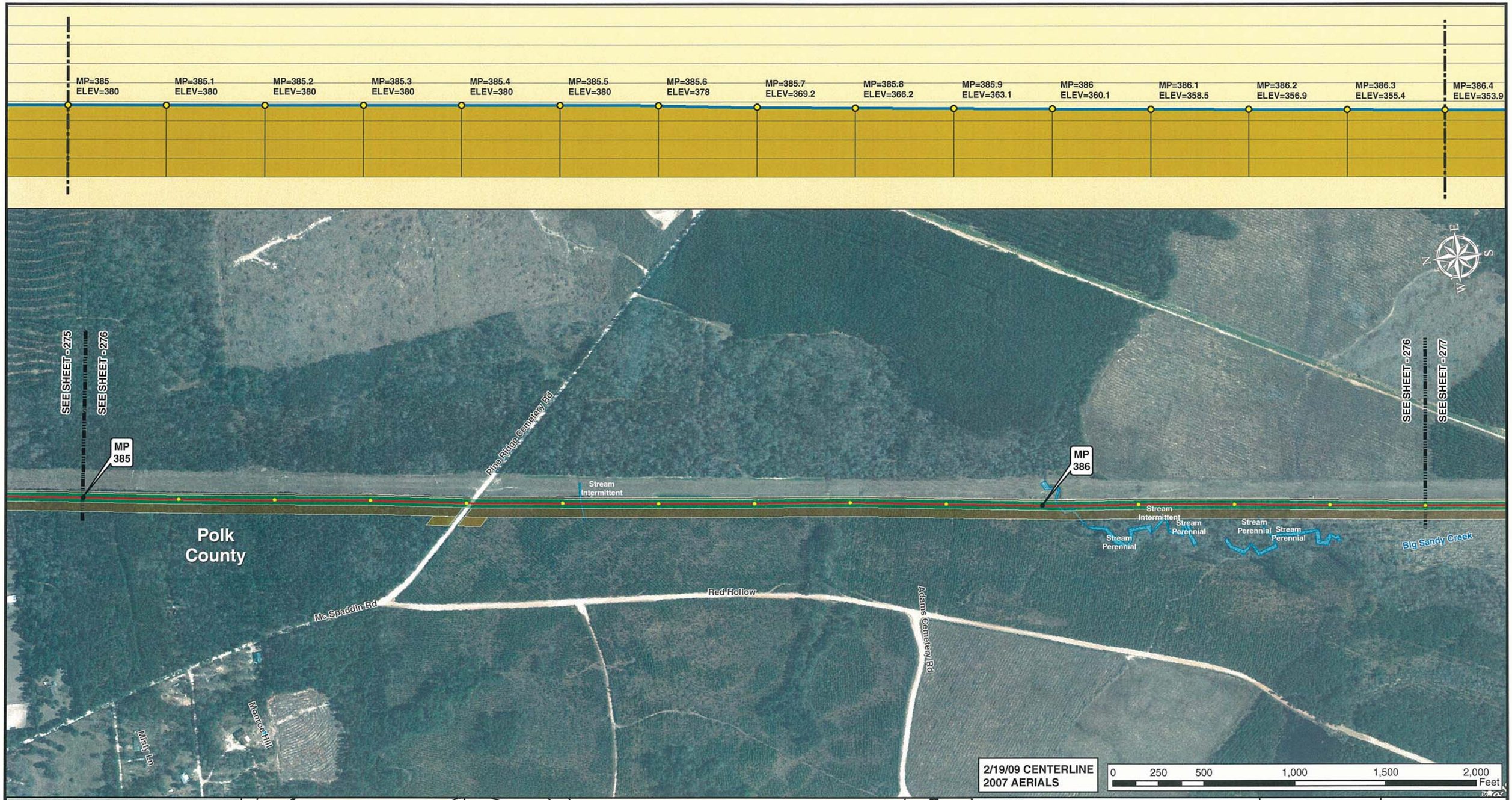
ConocoPhillips

TransCanada
In business to deliver

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
POLK COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 275-A	275	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE

PREPARED BY:
TROW ENGINEERING CONSULTANTS INC.
1300 Metropolitan Boulevard, Suite 200
Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523
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ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
POLK COUNTY, TEXAS

MAP PARAMETERS
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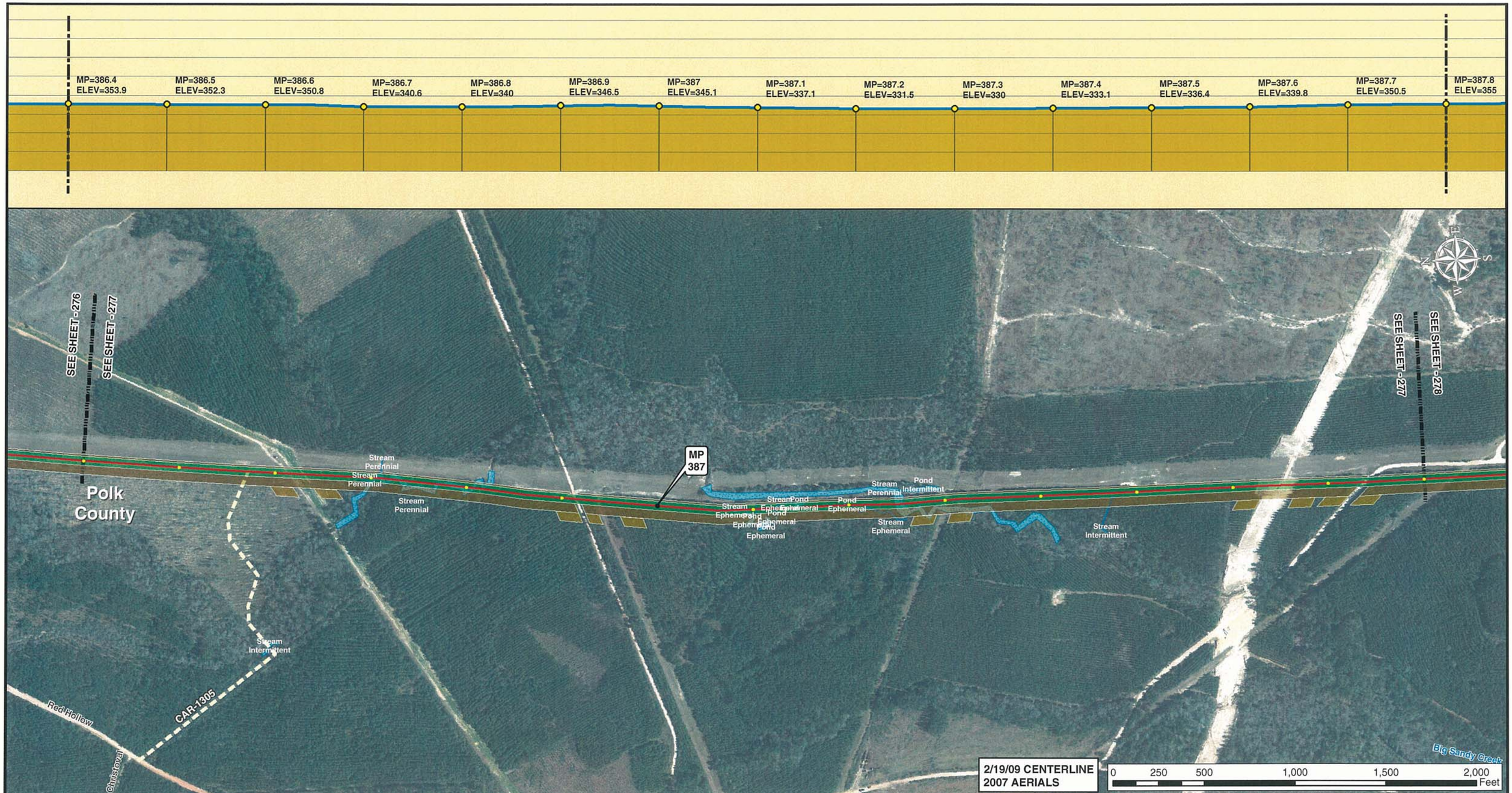
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 276-A	276	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
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- KEYSTONE XL PROJECT
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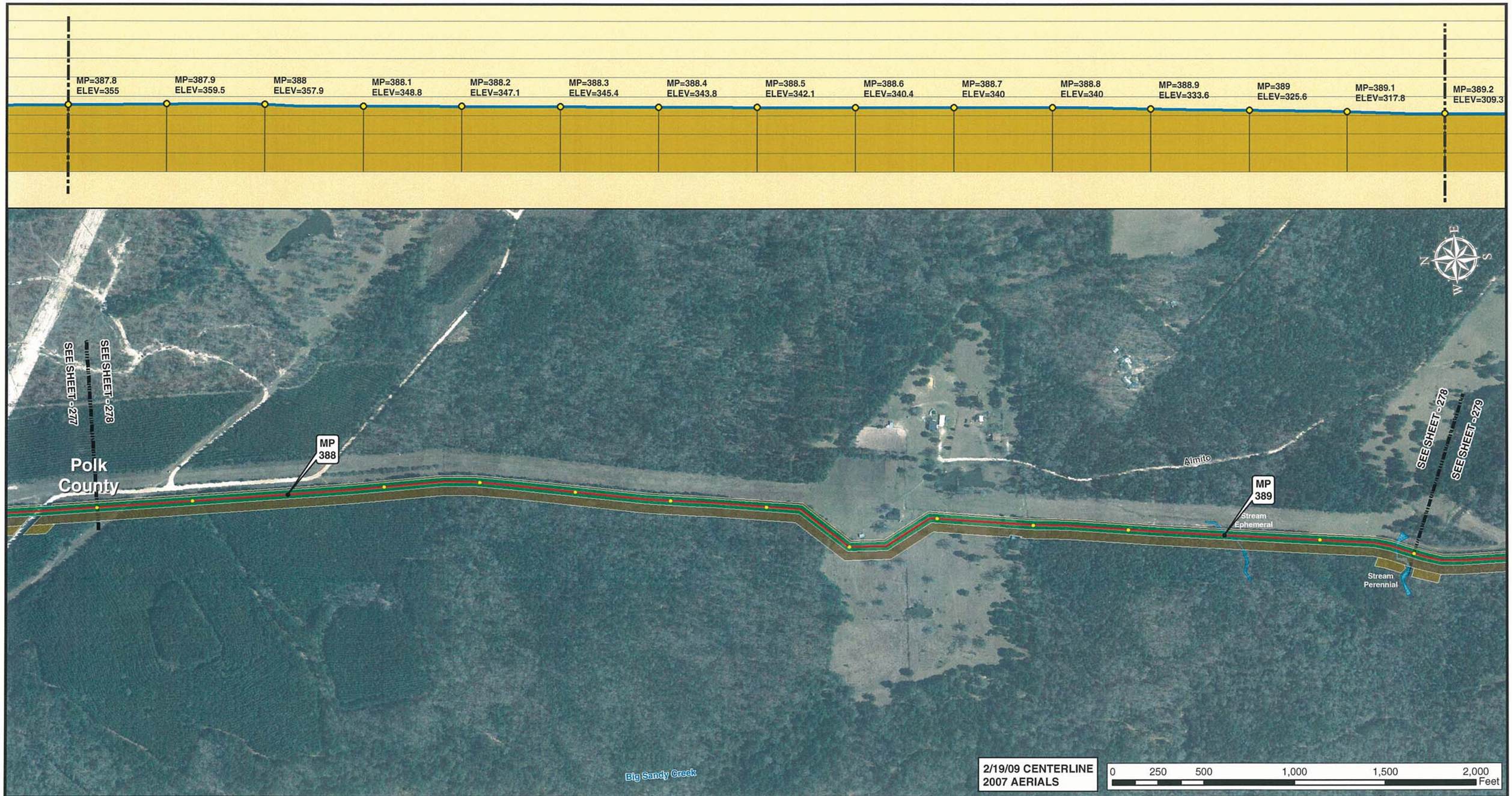
GS	SS	RG	50388X	XL-48 -ML-2002-P- 277-A	277	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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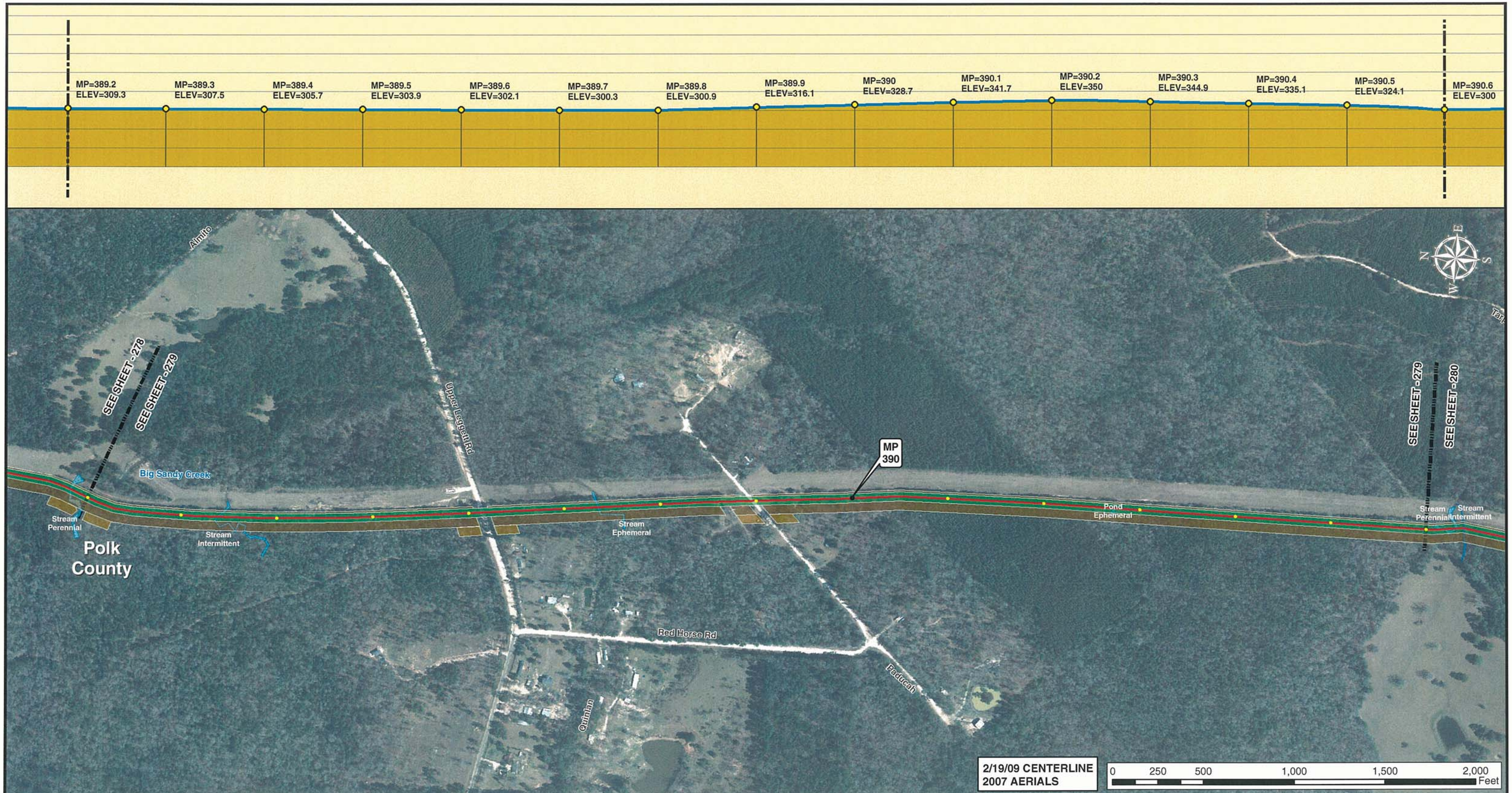
GS	SS	RG	50388X	XL-48 -ML-2002-P- 278-A	278	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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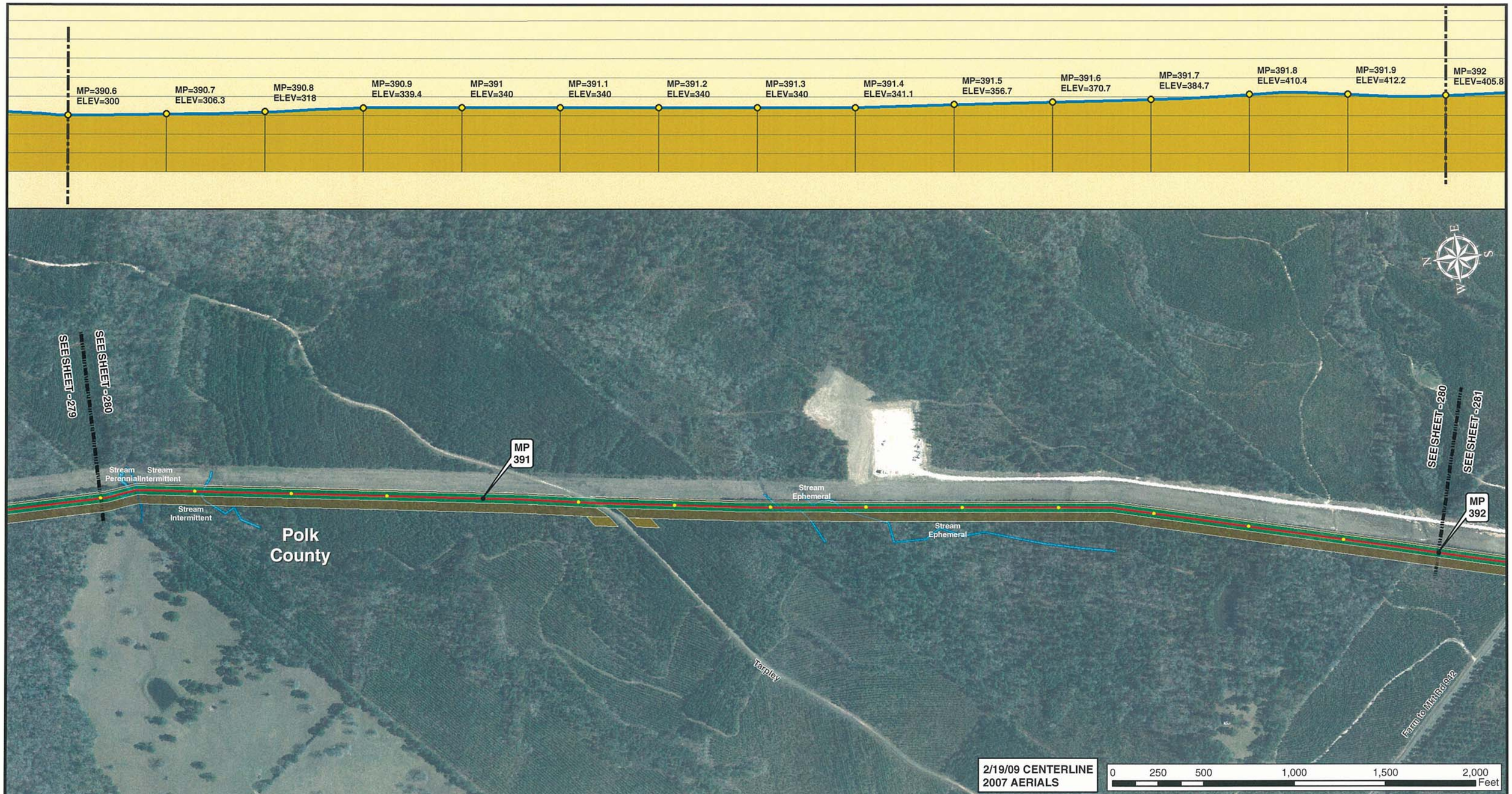
GS	SS	RG	50388X	XL-48 -ML-2002-P- 279-A	279	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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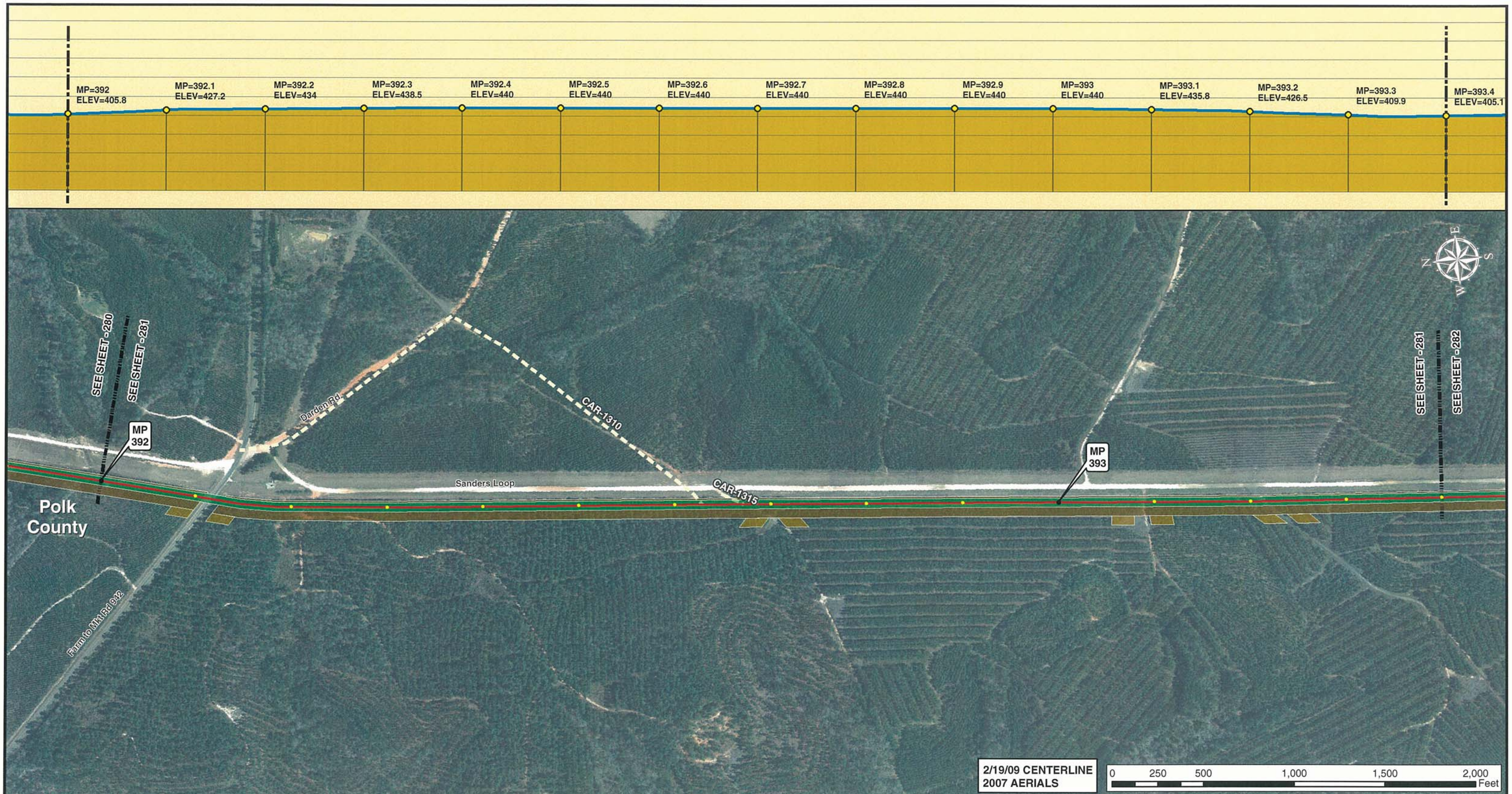
GS	SS	RG	50388X	XL-48 -ML-2002-P- 280-A	280	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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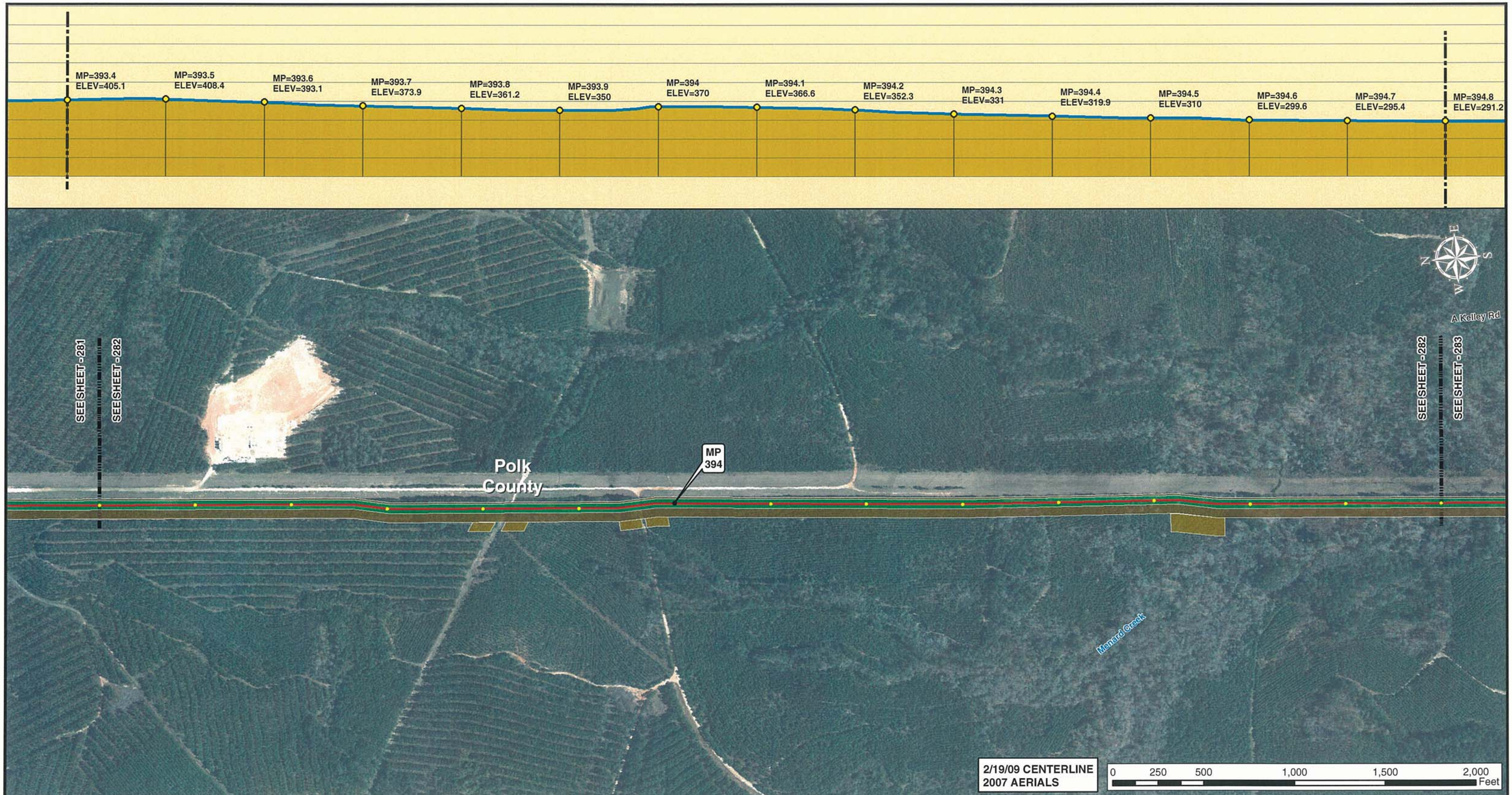
GS	SS	RG	50388X	XL-48 -ML-2002-P- 281-A	281	1



Legend

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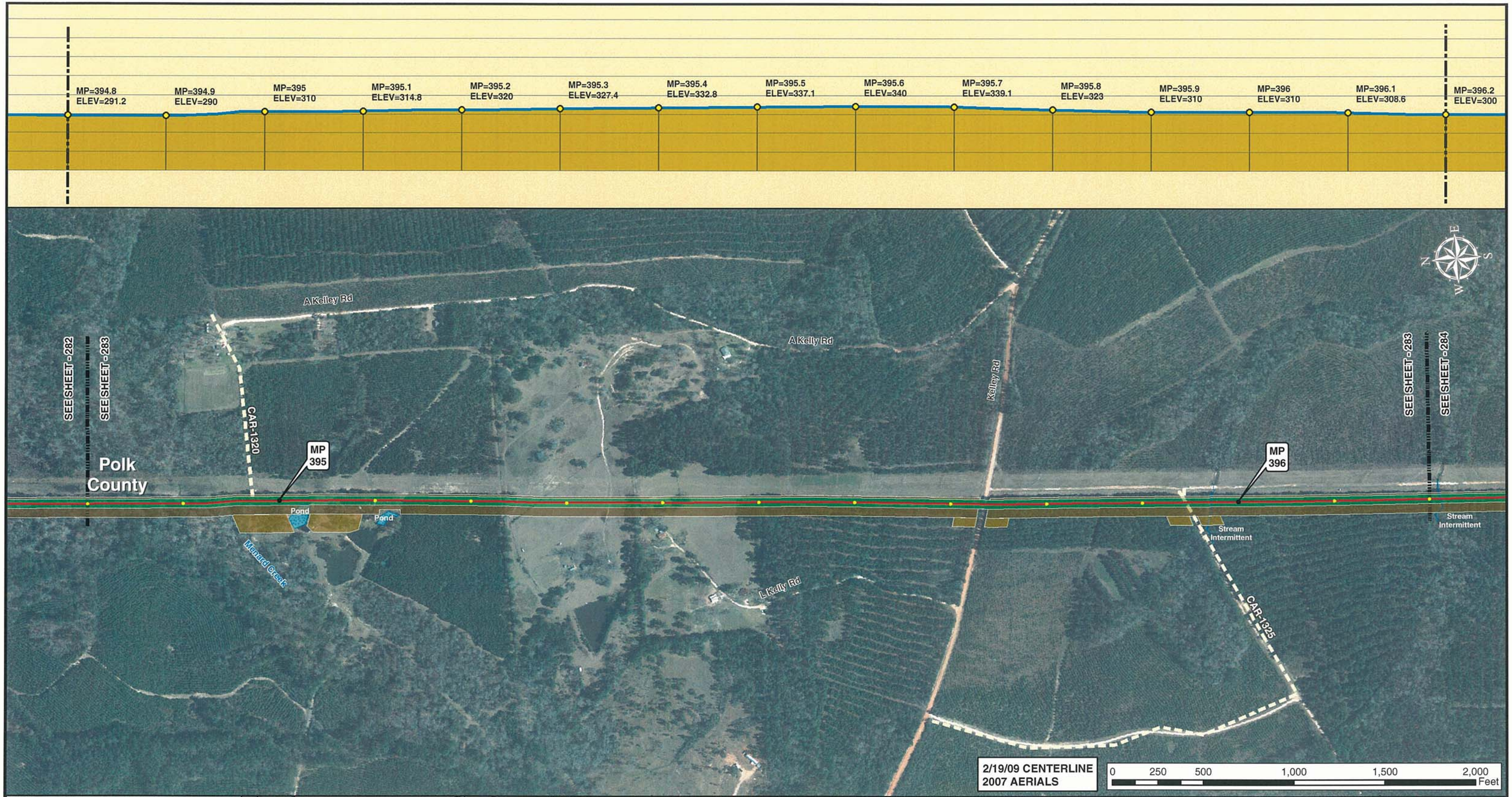
GS	SS	RG	50388X	XL-48 -ML-2002-P- 282-A	282	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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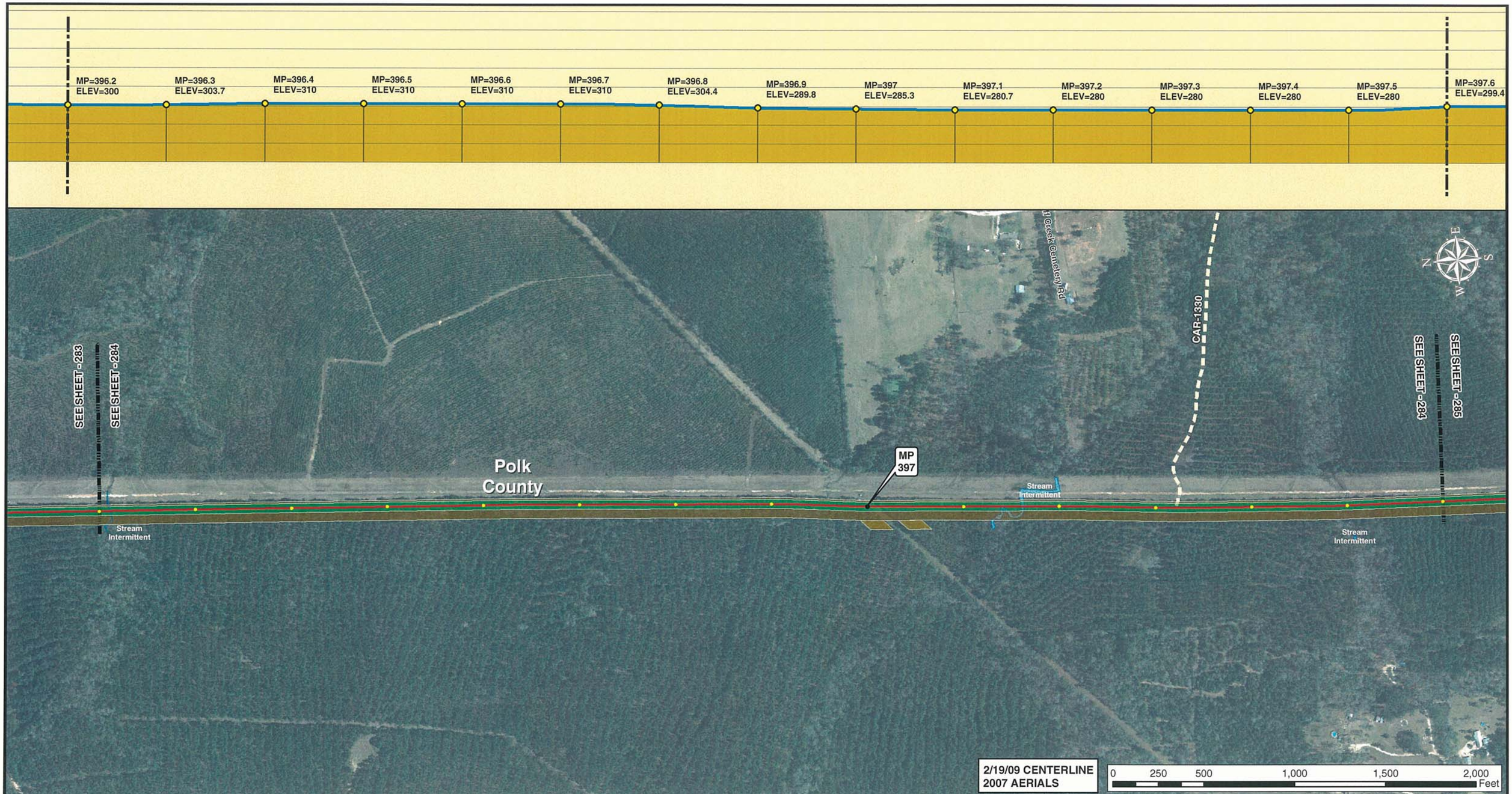
GS	SS	RG	50388X	XL-48 -ML-2002-P- 283-A	283	1



Legend

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POLK COUNTY, TEXAS

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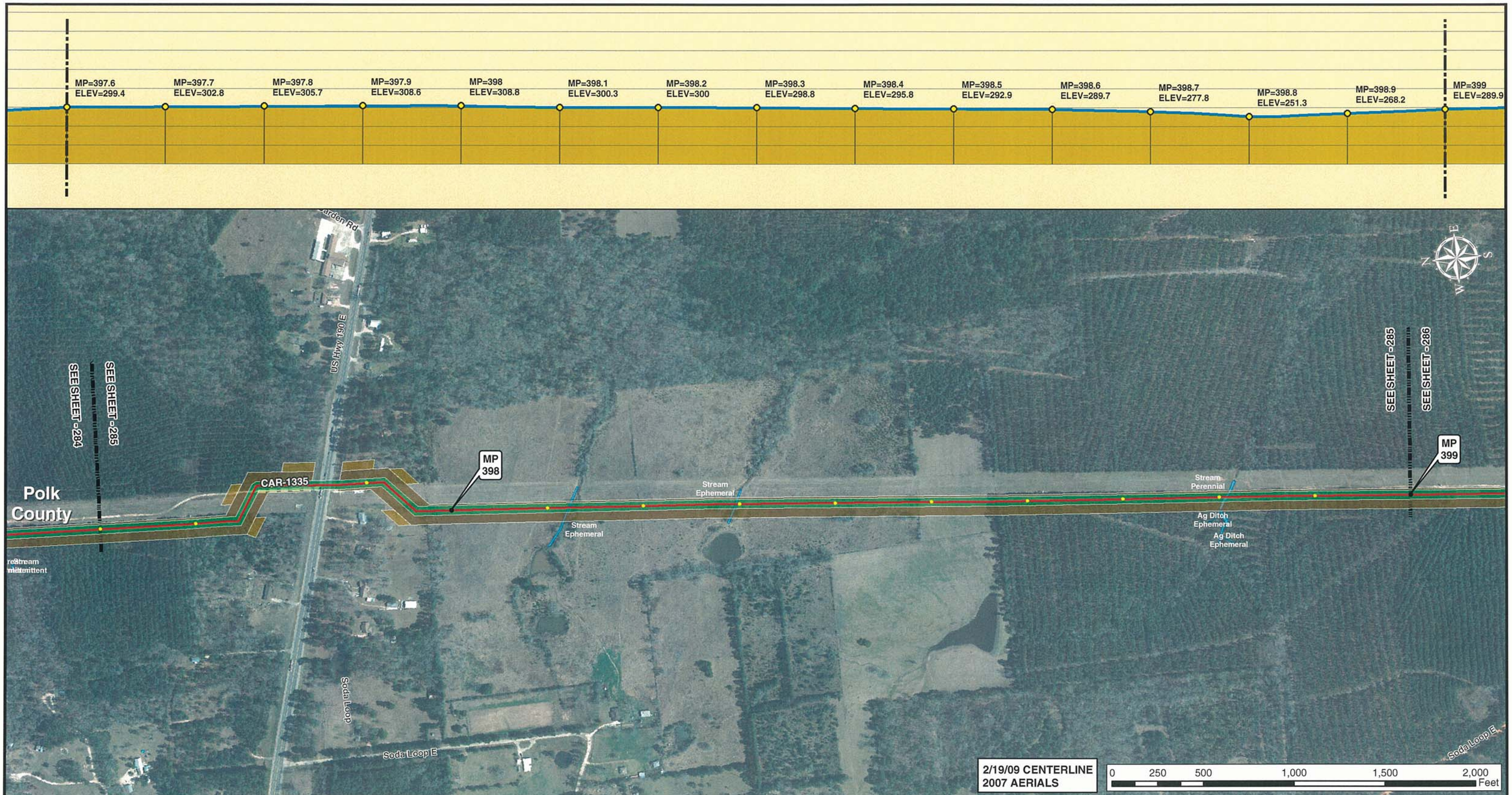
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 284-A	284	1



Legend

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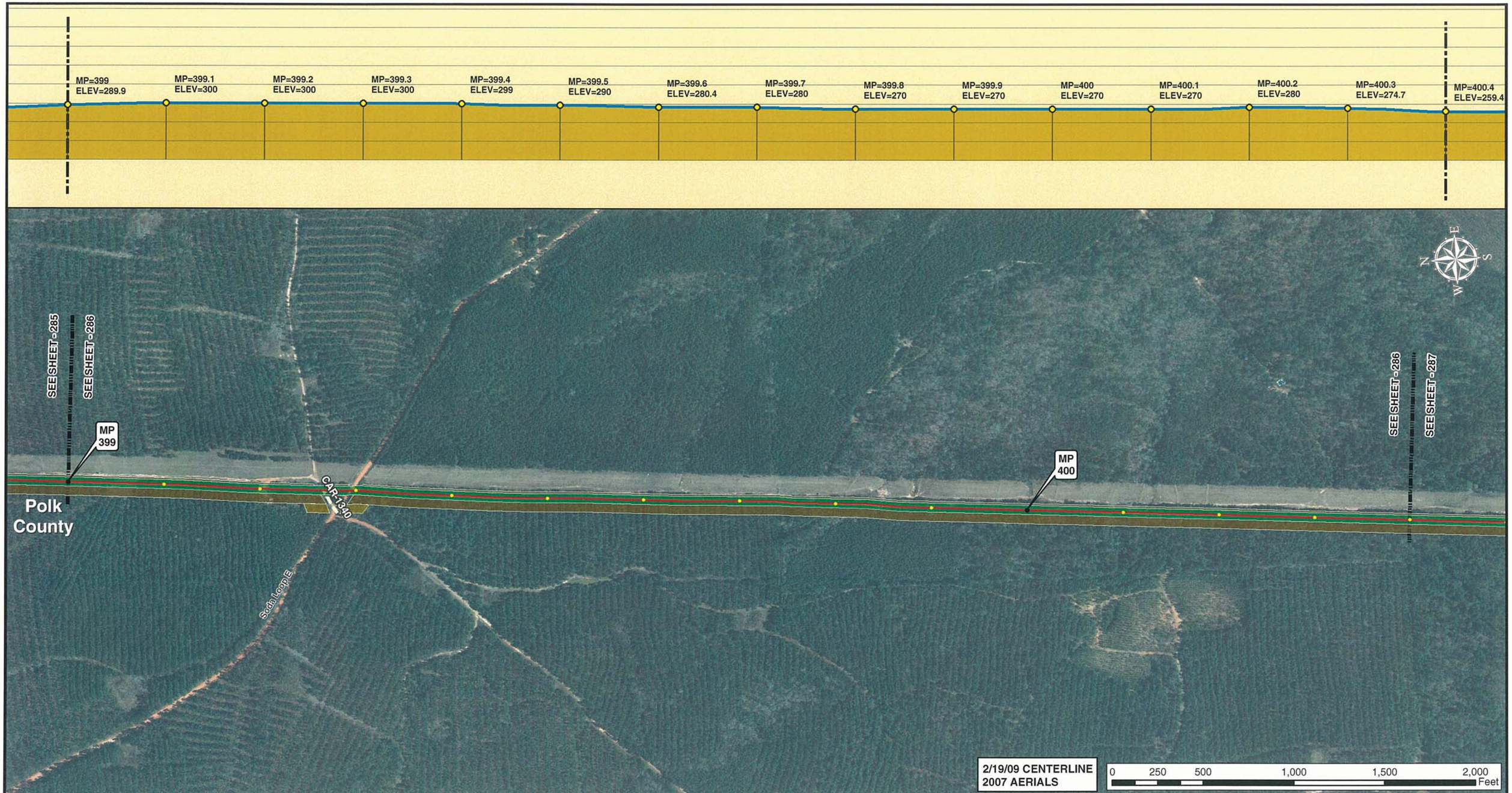
GS	SS	RG	50388X	XL-48 -ML-2002-P- 285-A	285	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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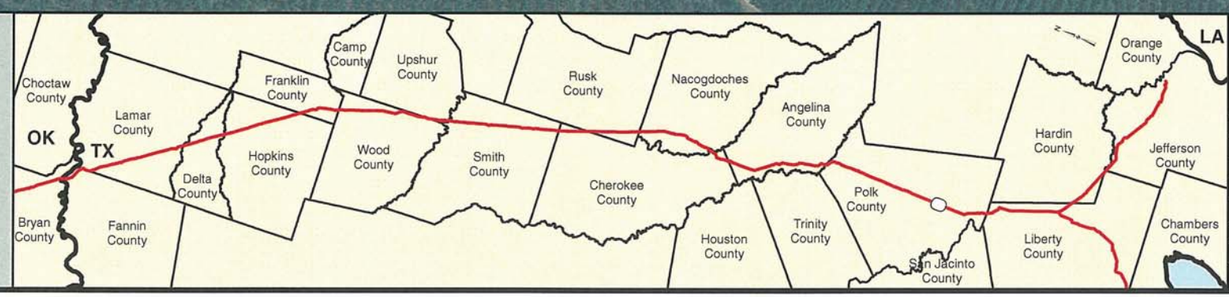

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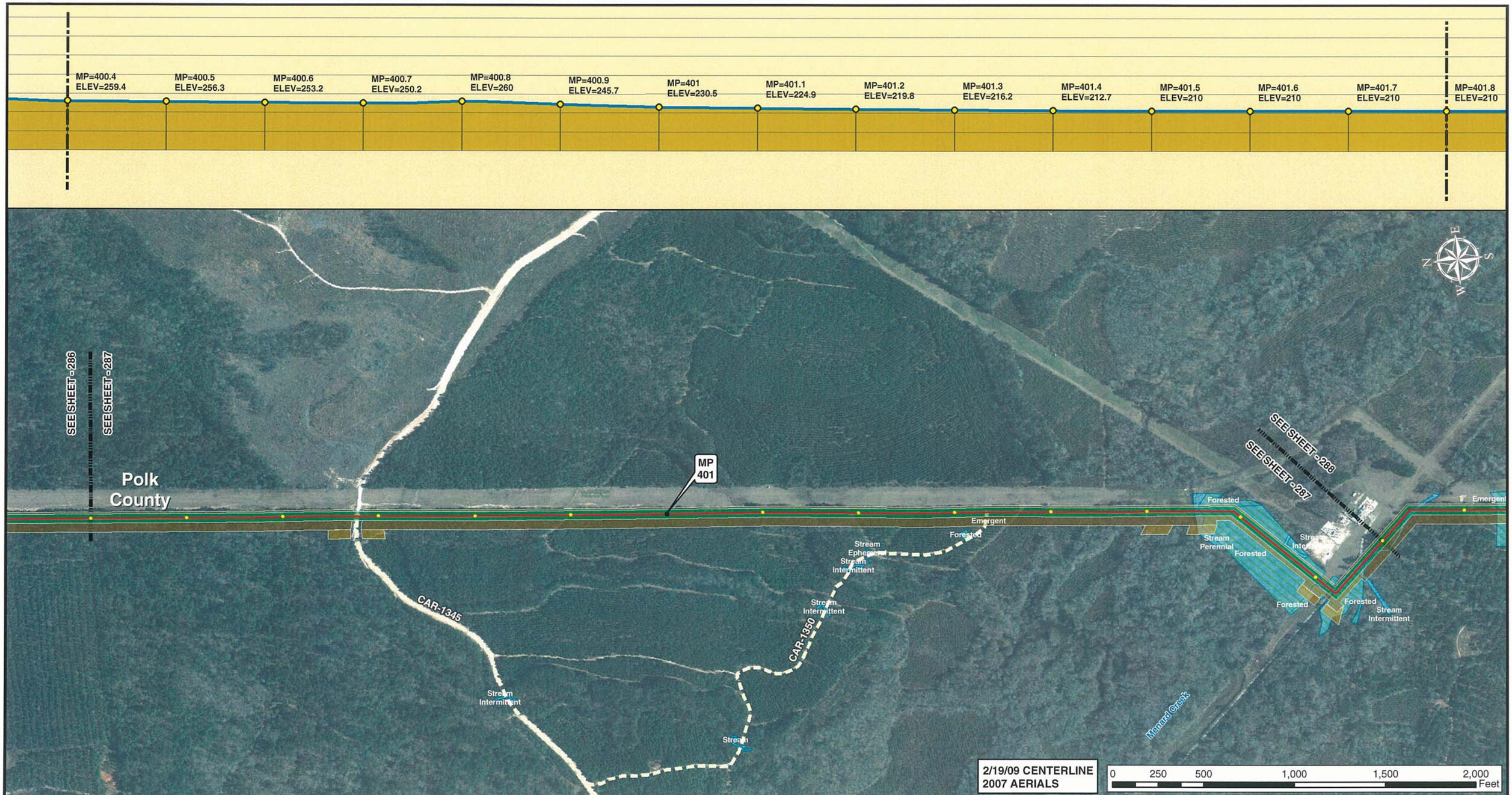
GS	SS	RG	50388X	XL-48 -ML-2002-P- 286-A	286	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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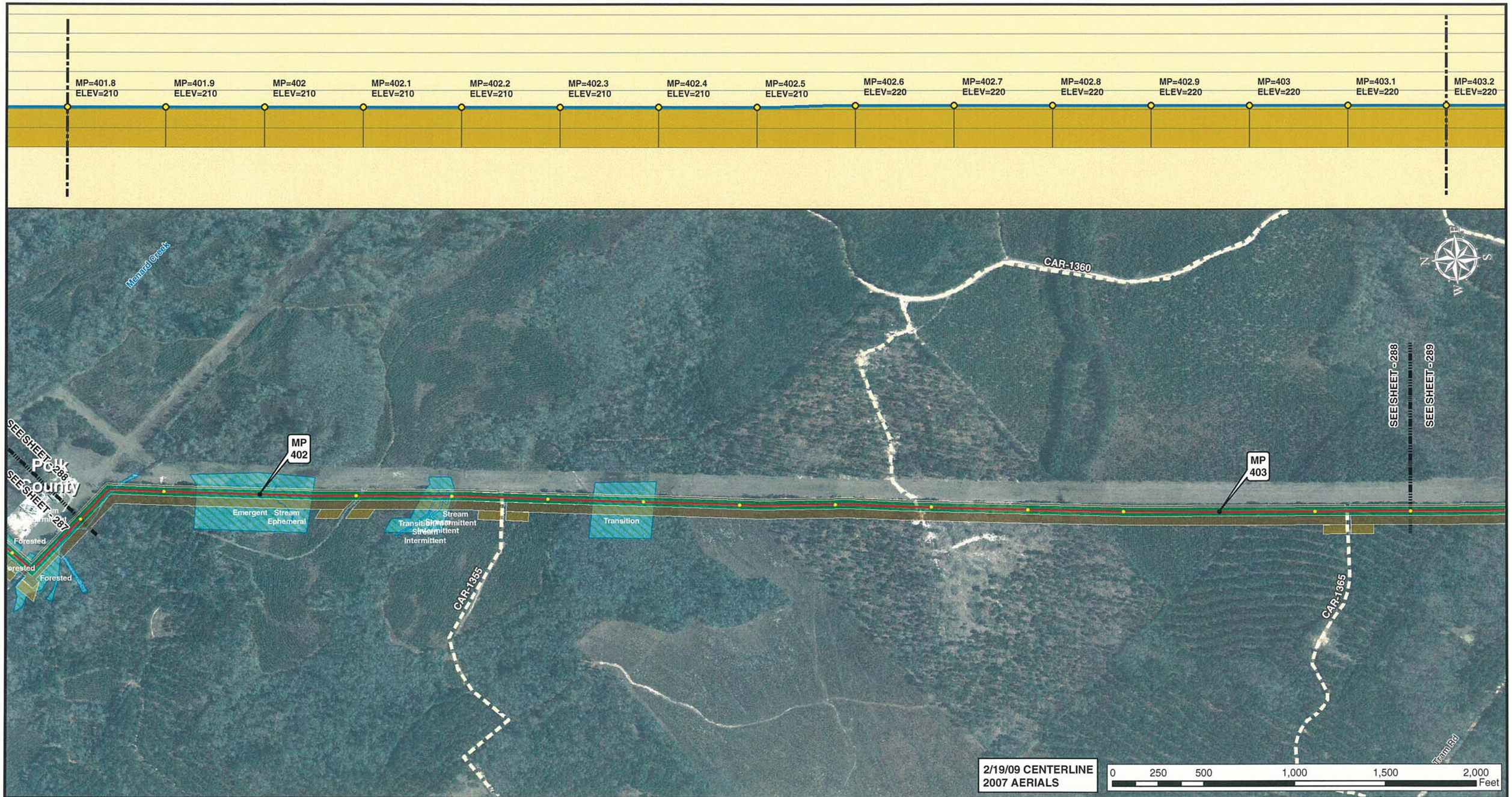
GS	SS	RG	50388X	XL-48 -ML-2002-P- 287-A	287	1



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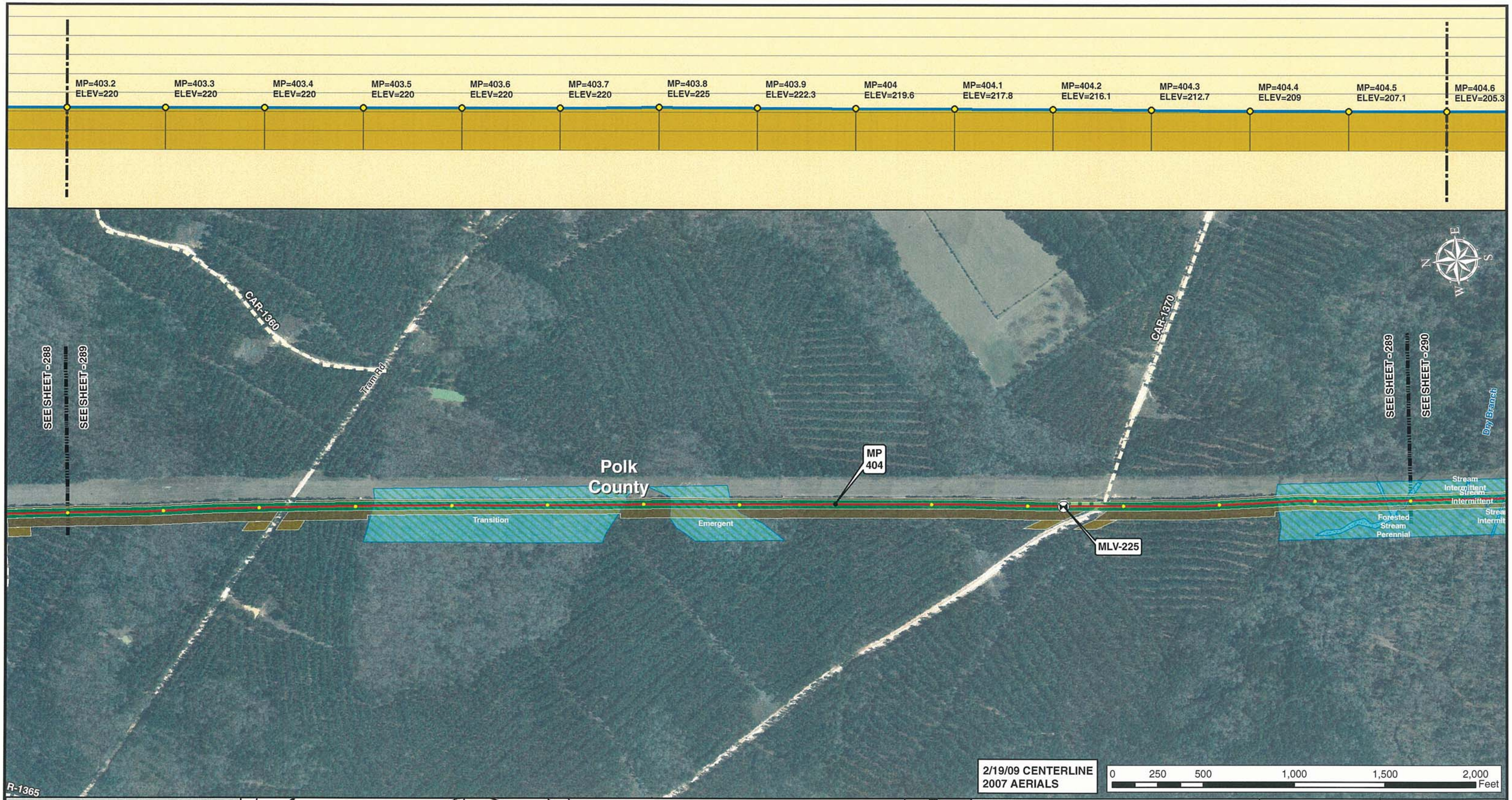
GS	SS	RG	50388X	XL-48 -ML-2002-P- 288-A	288	1



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TROW ENGINEERING CONSULTANTS INC.
1300 Metropolitan Boulevard, Suite 200
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Phone: 1-850-385-5441
Fax: 1-850-385-5523

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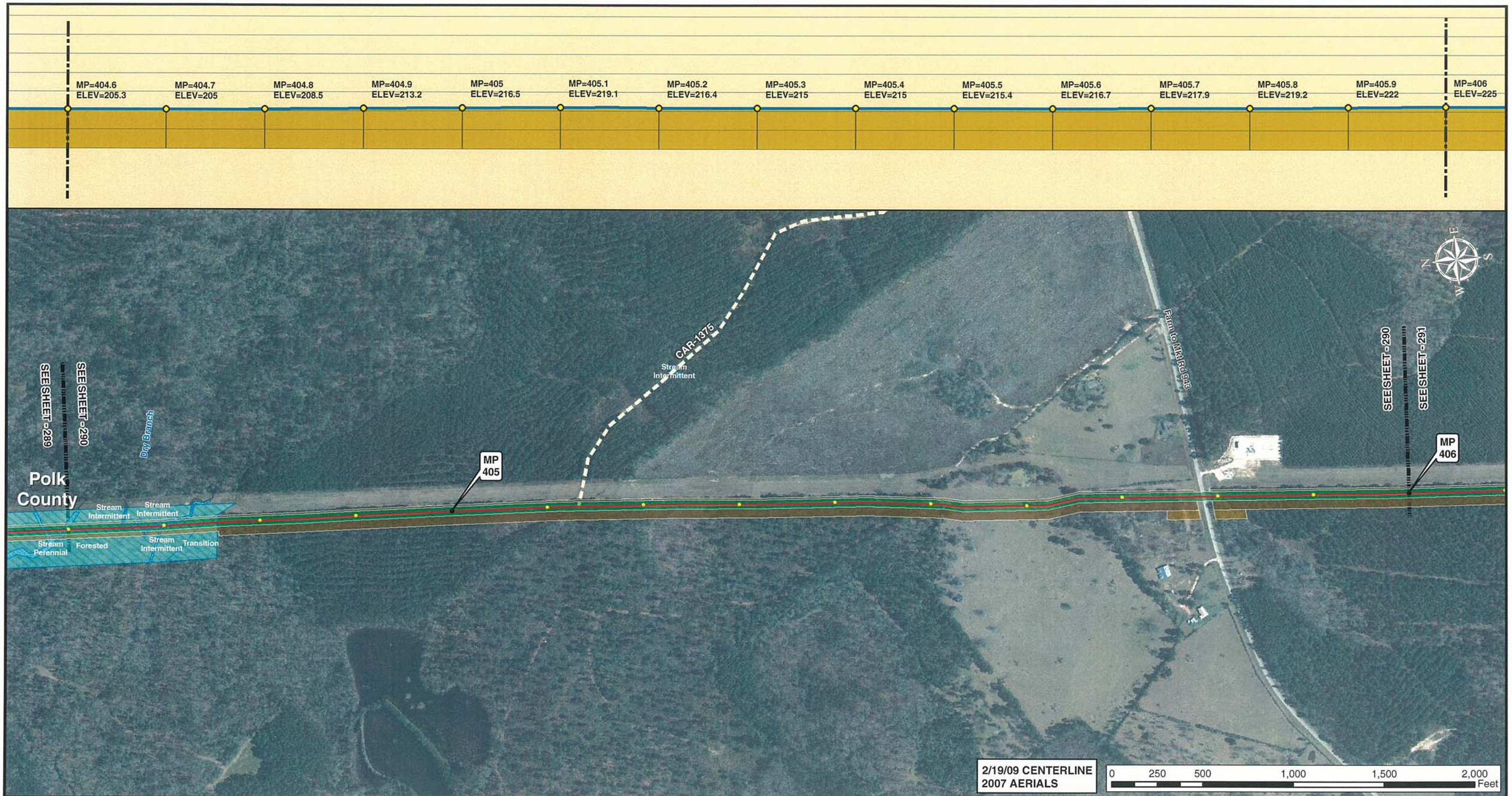
NO.	REVISION	DATE
1	ISSUED FOR SUPPLEMENTAL U.S. DEPT. OF STATE FILING (2.19.09 CL)	7.6.09
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
POLK COUNTY, TEXAS

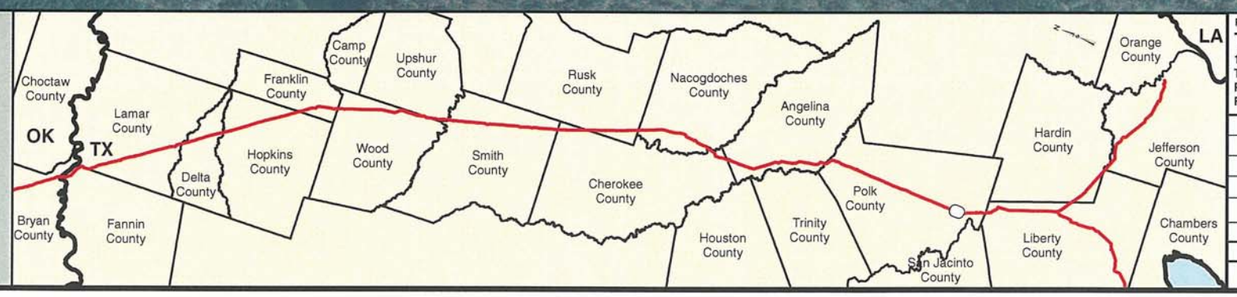
MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 289-A	289	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE



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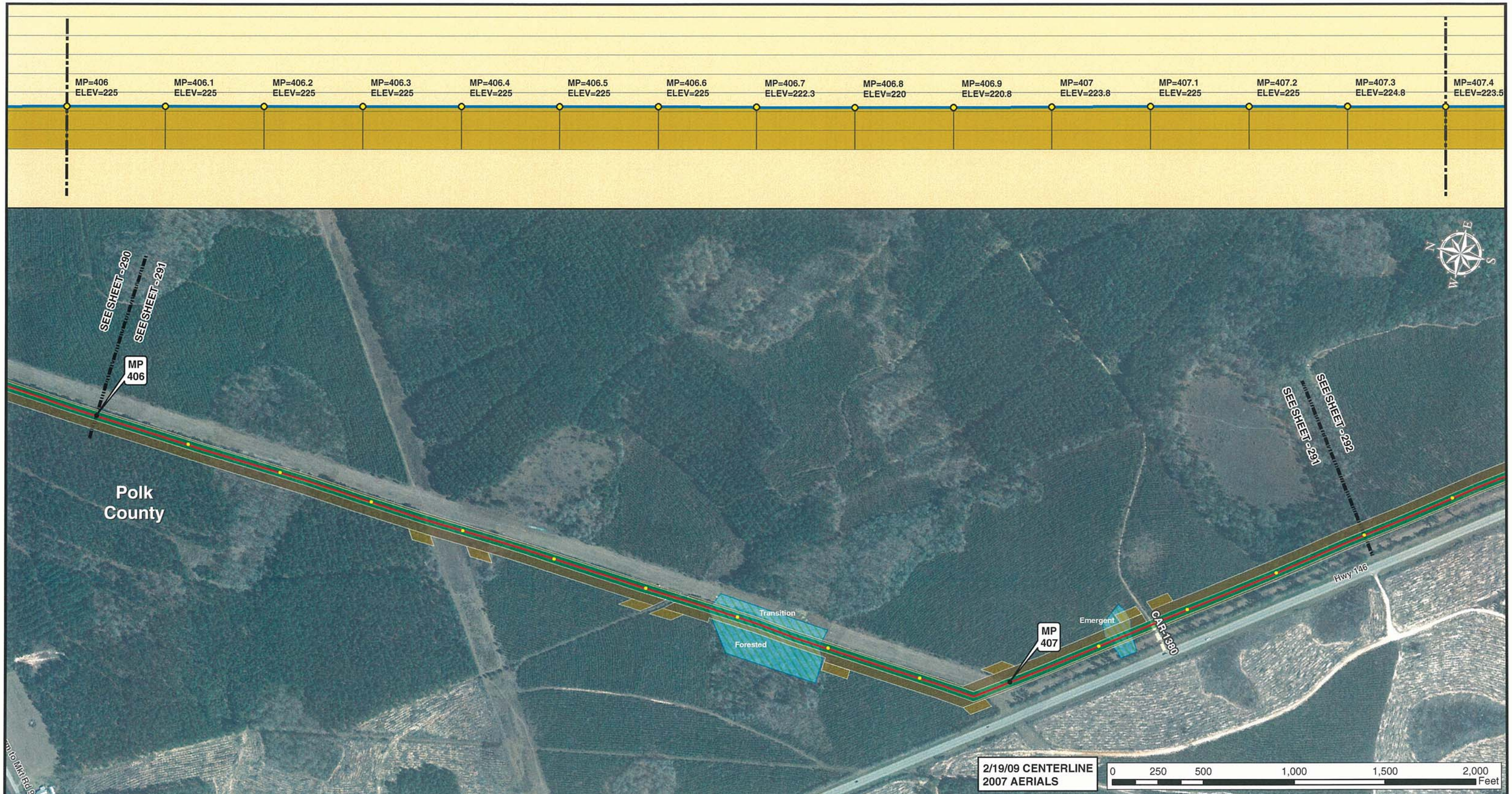
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
POLK COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 290-A	290	1



Legend

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POLK COUNTY, TEXAS

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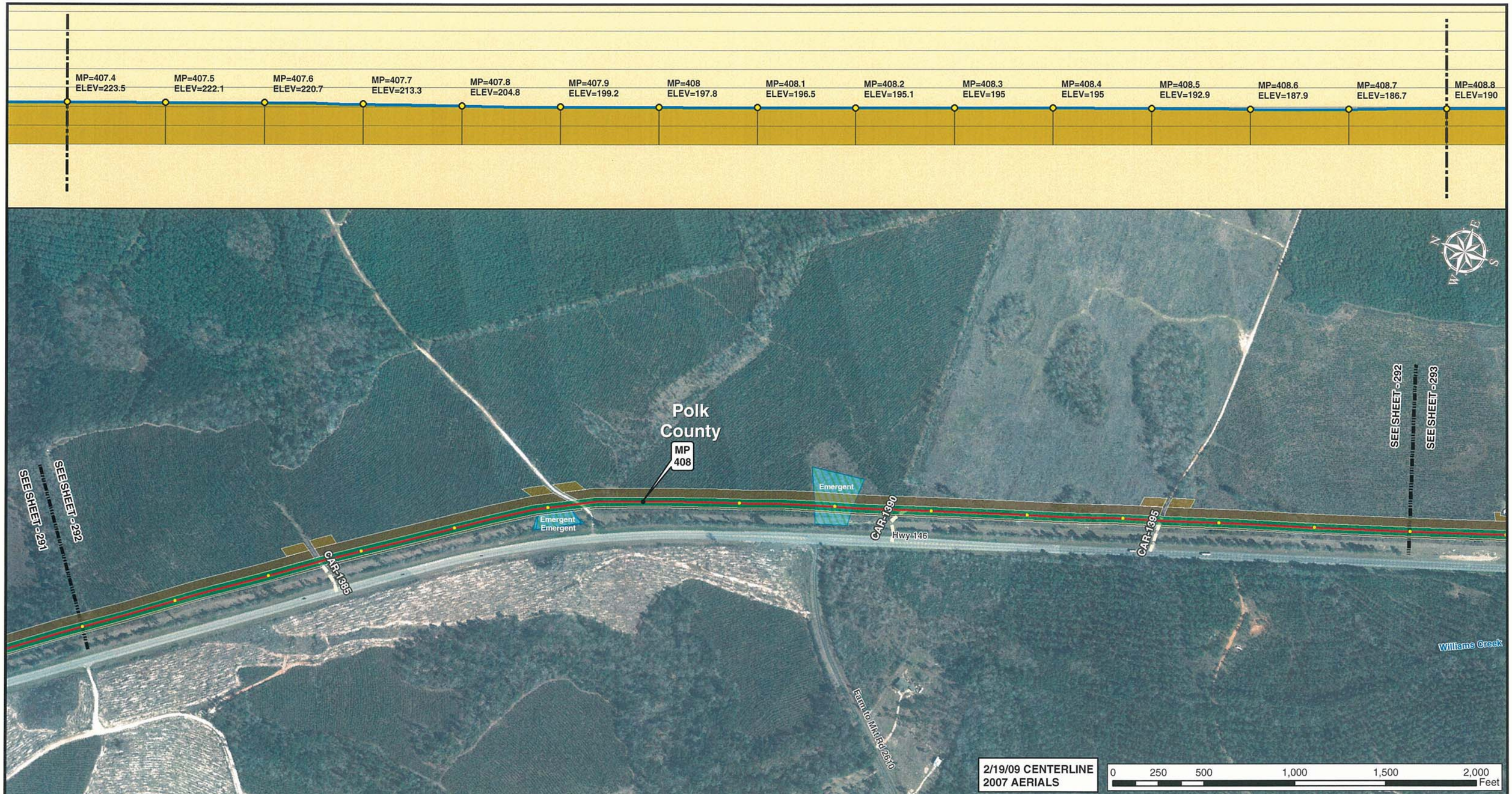
GS	SS	RG	50388X	XL-48 -ML-2002-P- 291-A	291	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
POLK COUNTY, TEXAS

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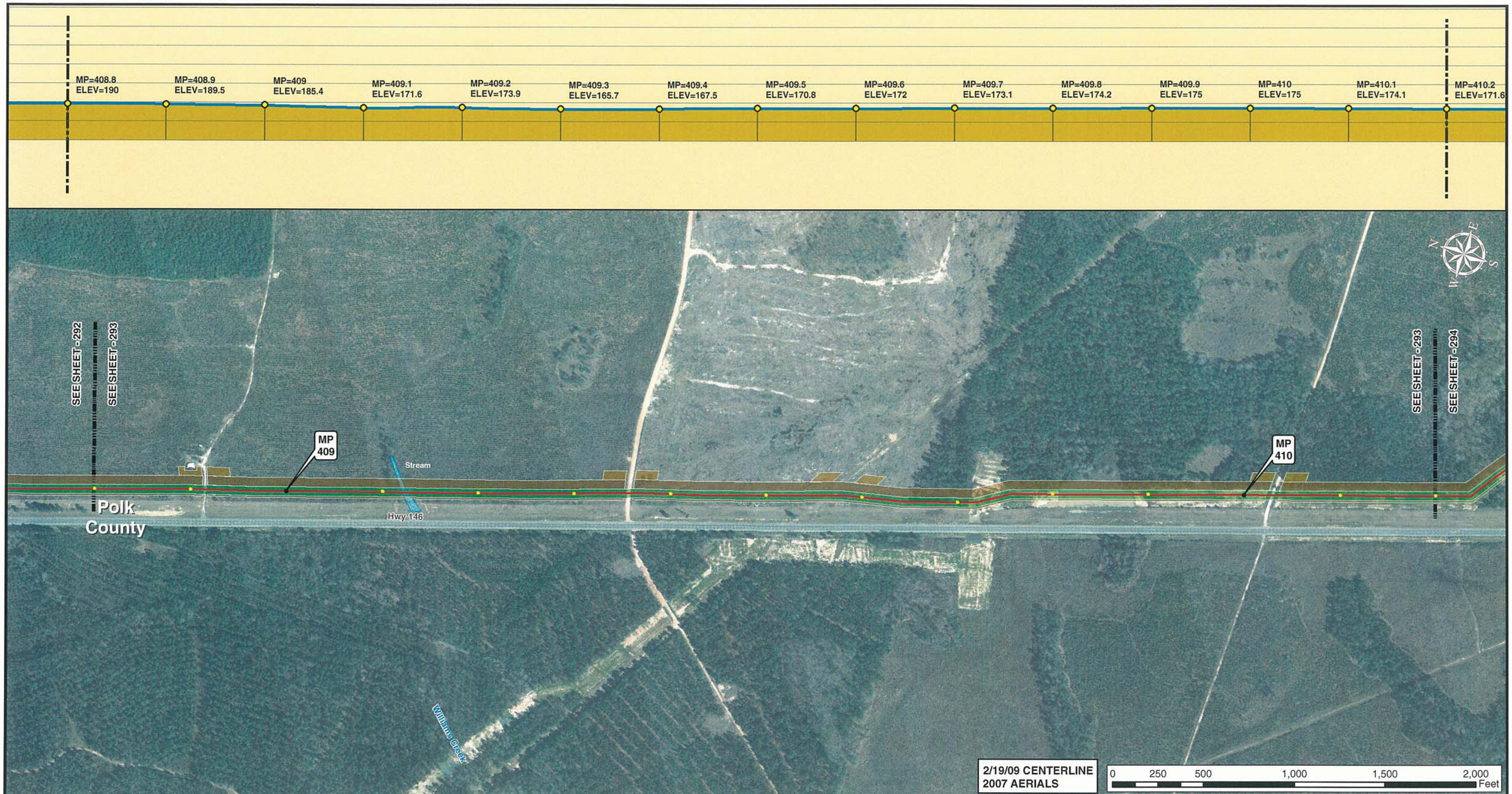
GS	SS	RG	50388X	XL-48 -ML-2002-P- 292-A	292	1



Legend

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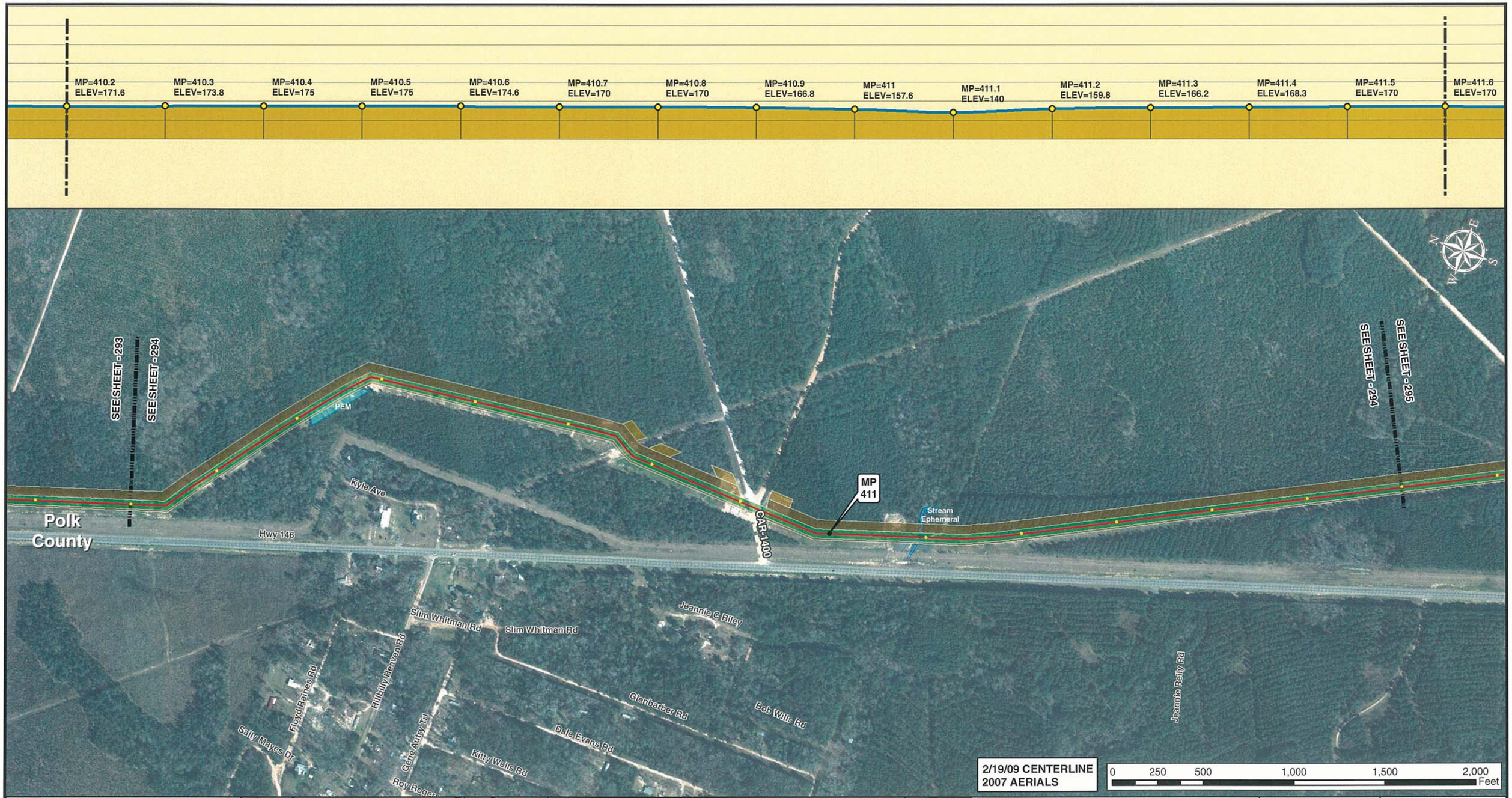

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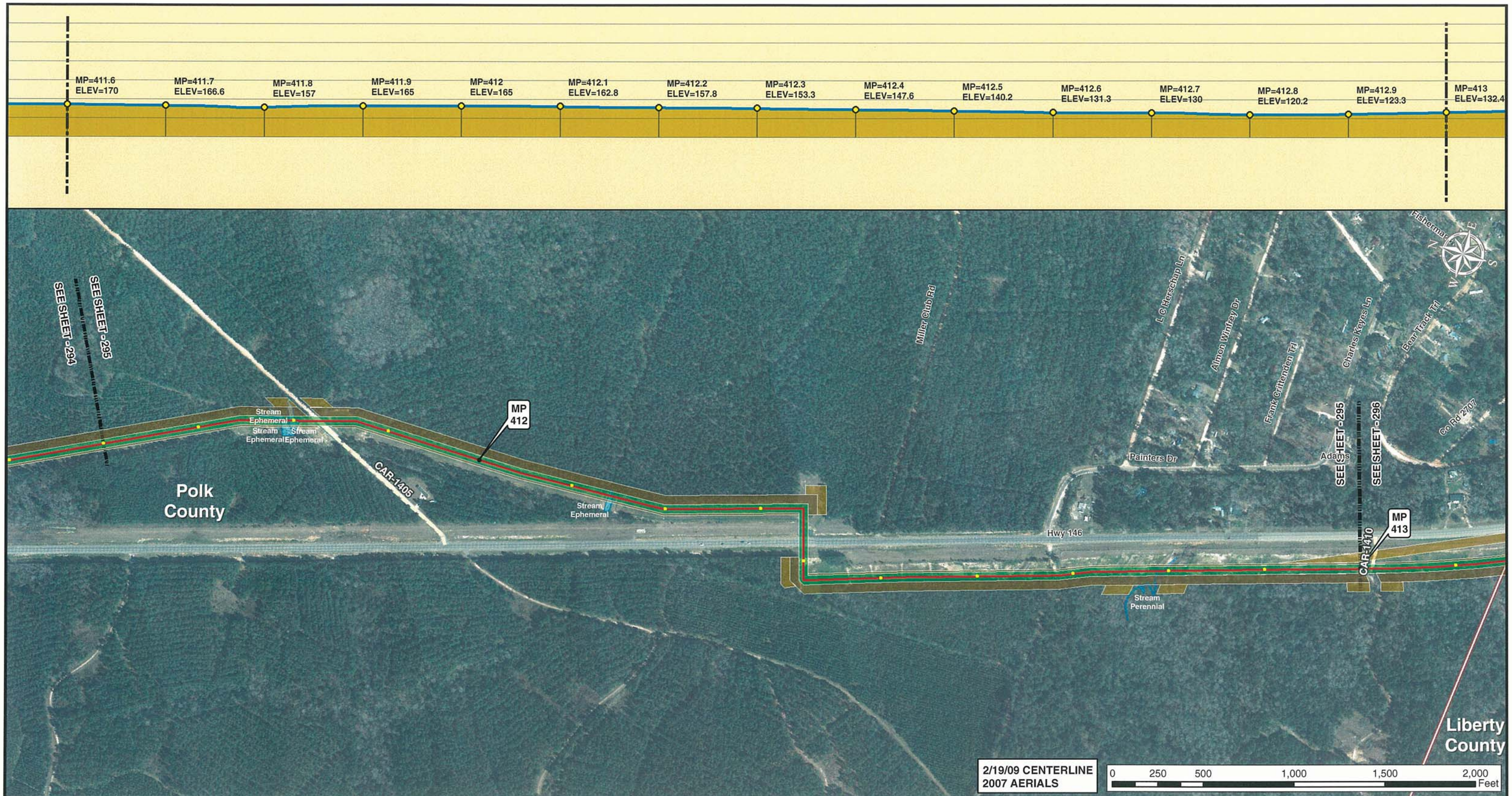

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Legend

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LIBERTY COUNTY, TEXAS

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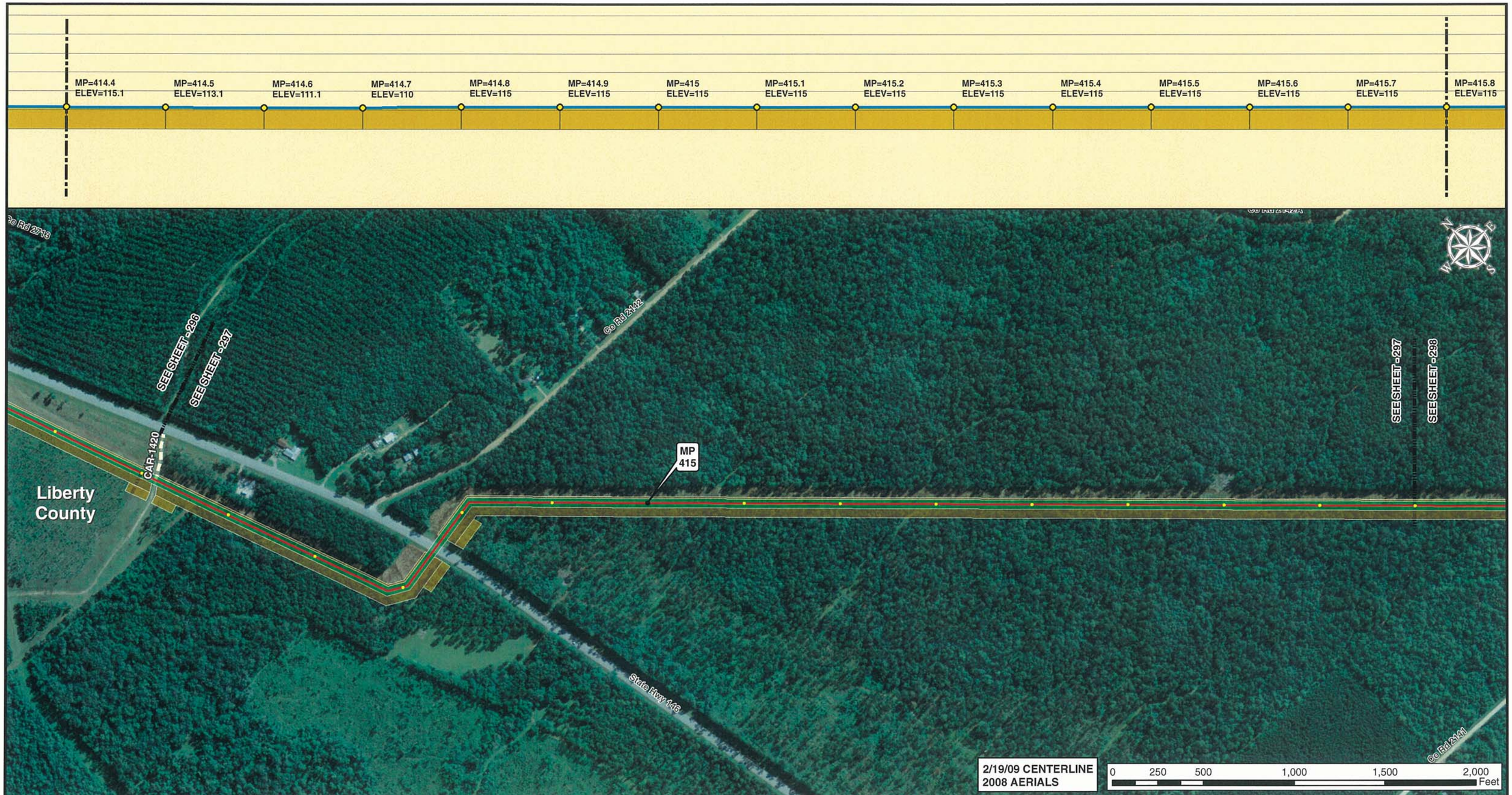
GS	SS	RG	50388X	XL-48 -ML-2002-P- 296-A	296	1



Legend

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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LIBERTY COUNTY, TEXAS

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Legend

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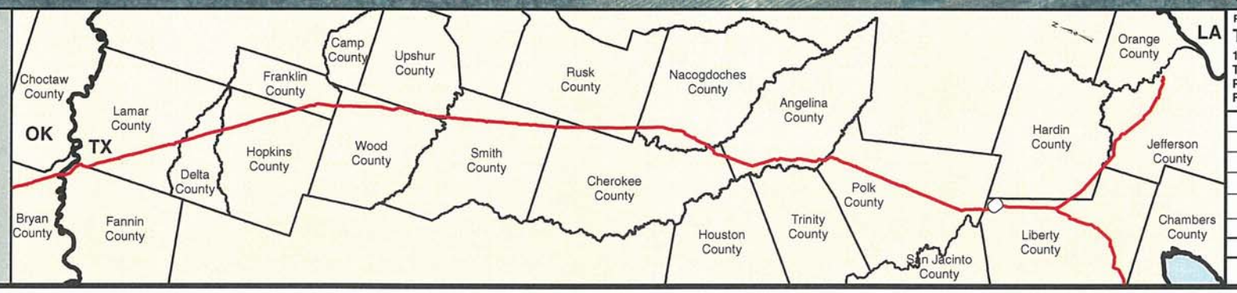

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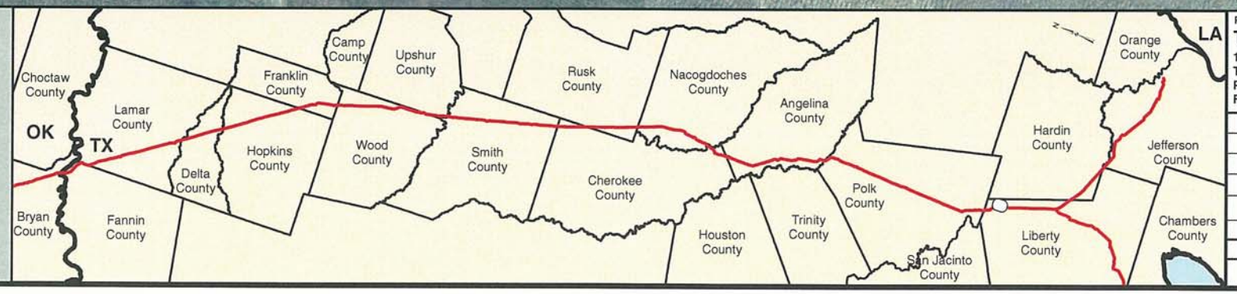

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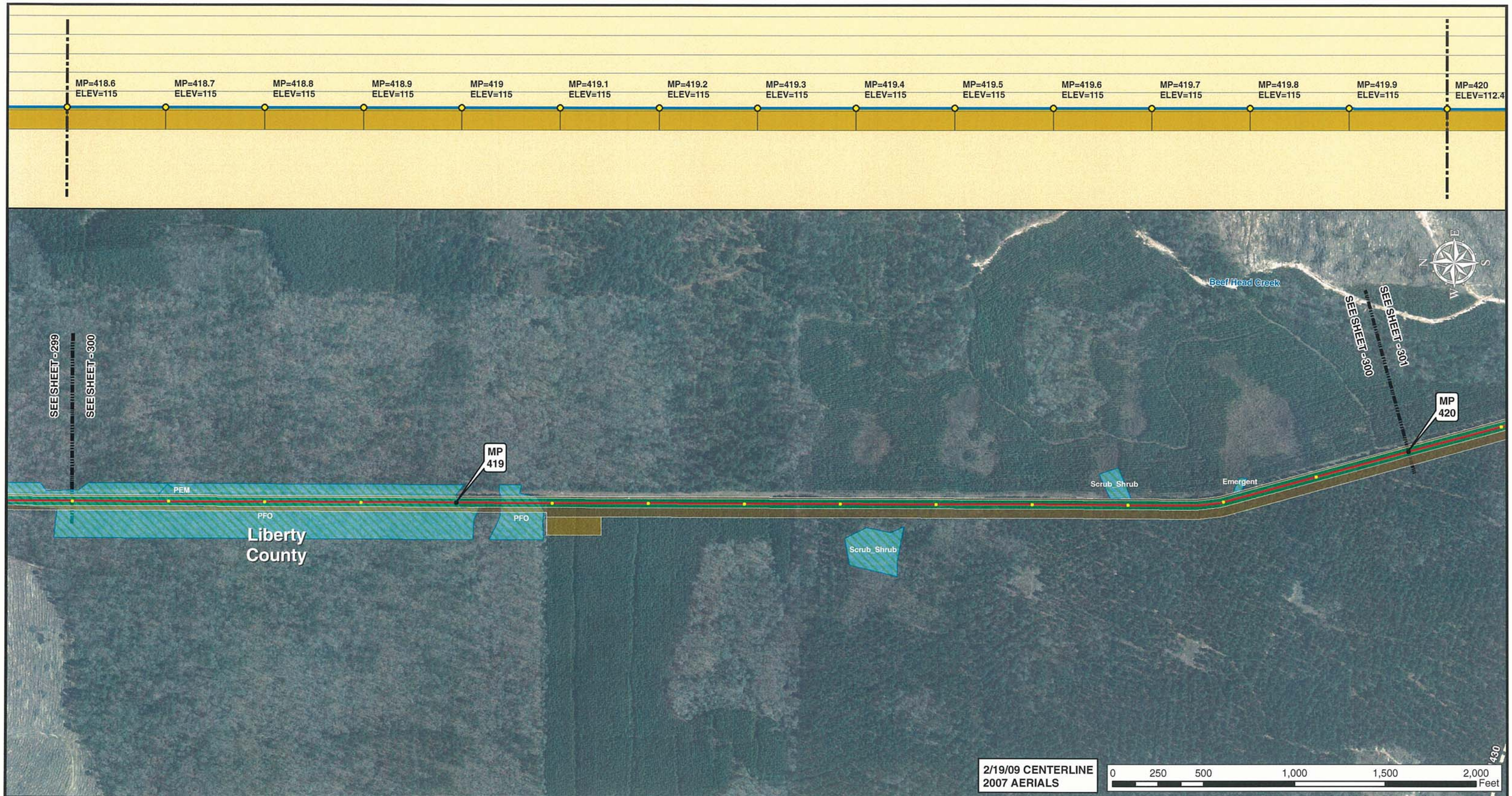
GS	SS	RG	50388X	XL-48 -ML-2002-P- 299-A	299	1



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GS	SS	RG	50388X	XL-48 -ML-2002-P- 300-A	300	1

2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
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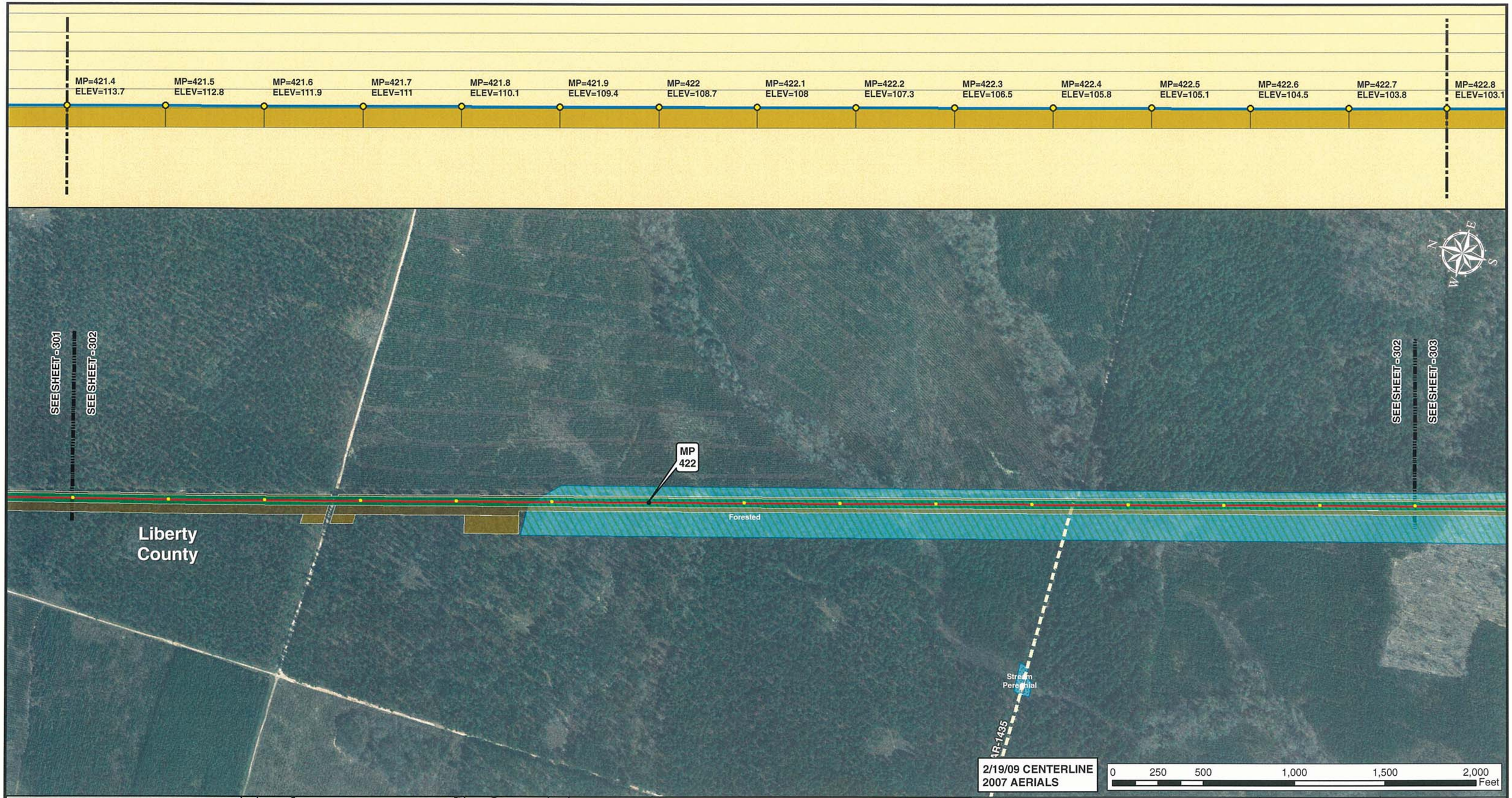

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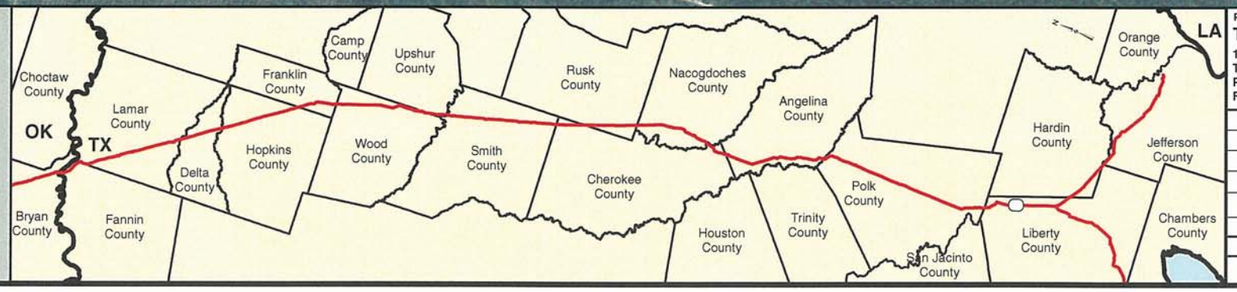

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GS	SS	RG	50388X	XL-48 -ML-2002-P- 302-A	302	1

2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
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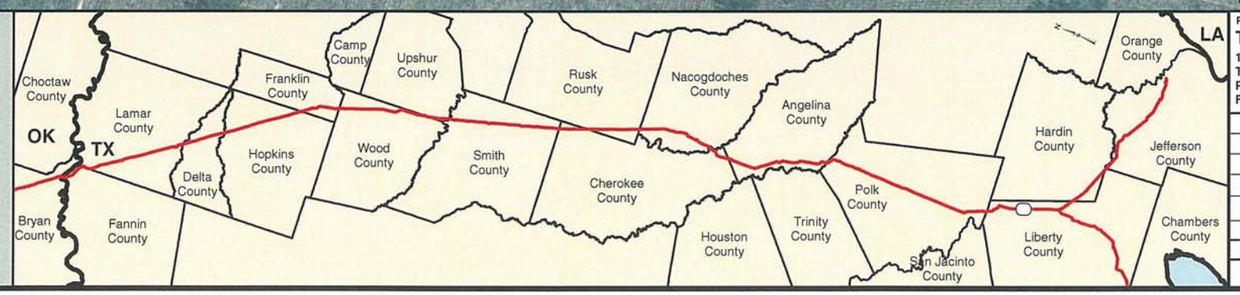

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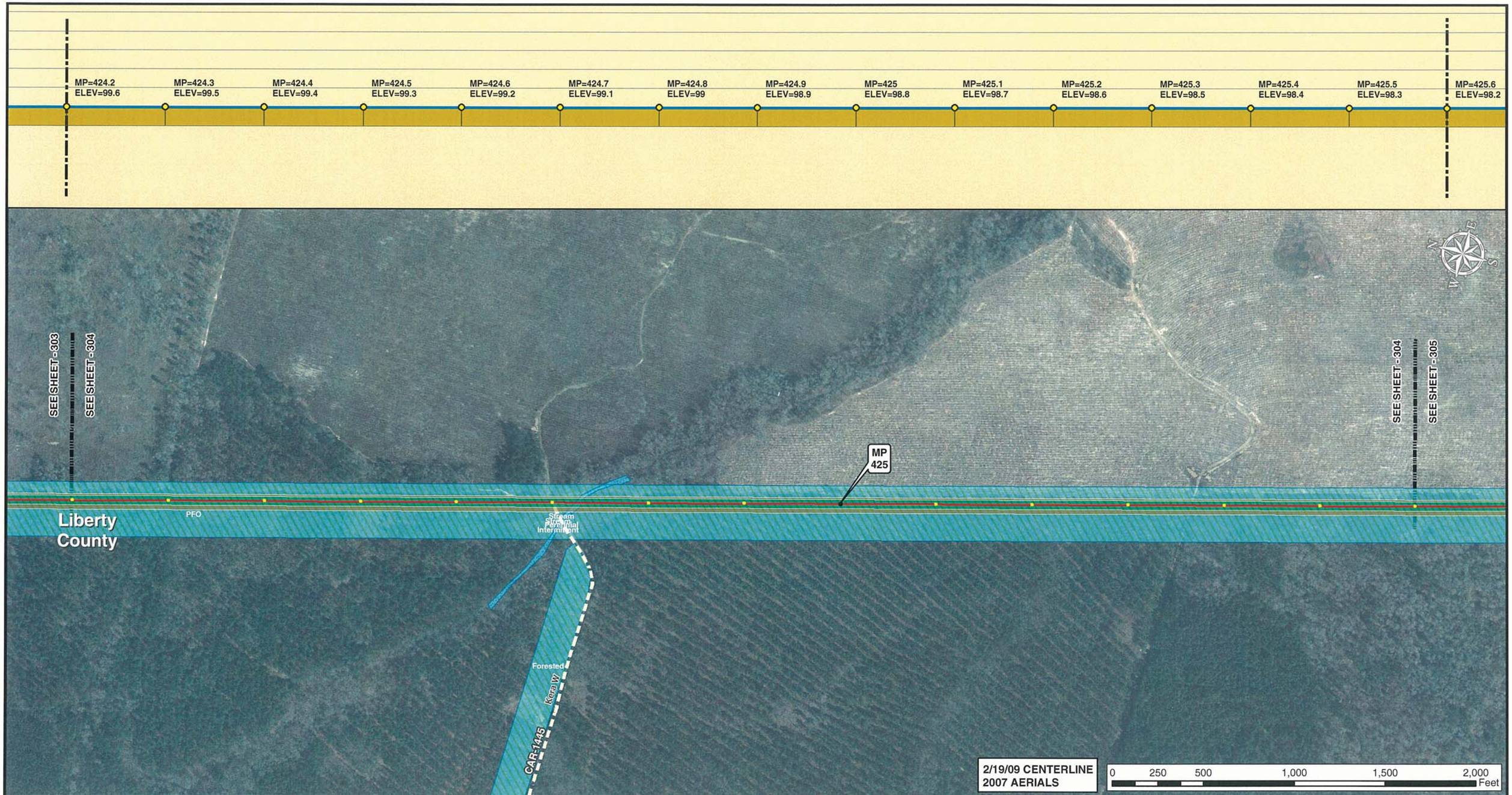
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LIBERTY COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 303-A	303	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE

PREPARED BY:
TROW ENGINEERING CONSULTANTS INC.
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Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523

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1	ISSUED FOR SUPPLEMENTAL U.S. DEPT. OF STATE FILING (2.19.09 CL)	7.6.09
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LIBERTY COUNTY, TEXAS

MAP PARAMETERS
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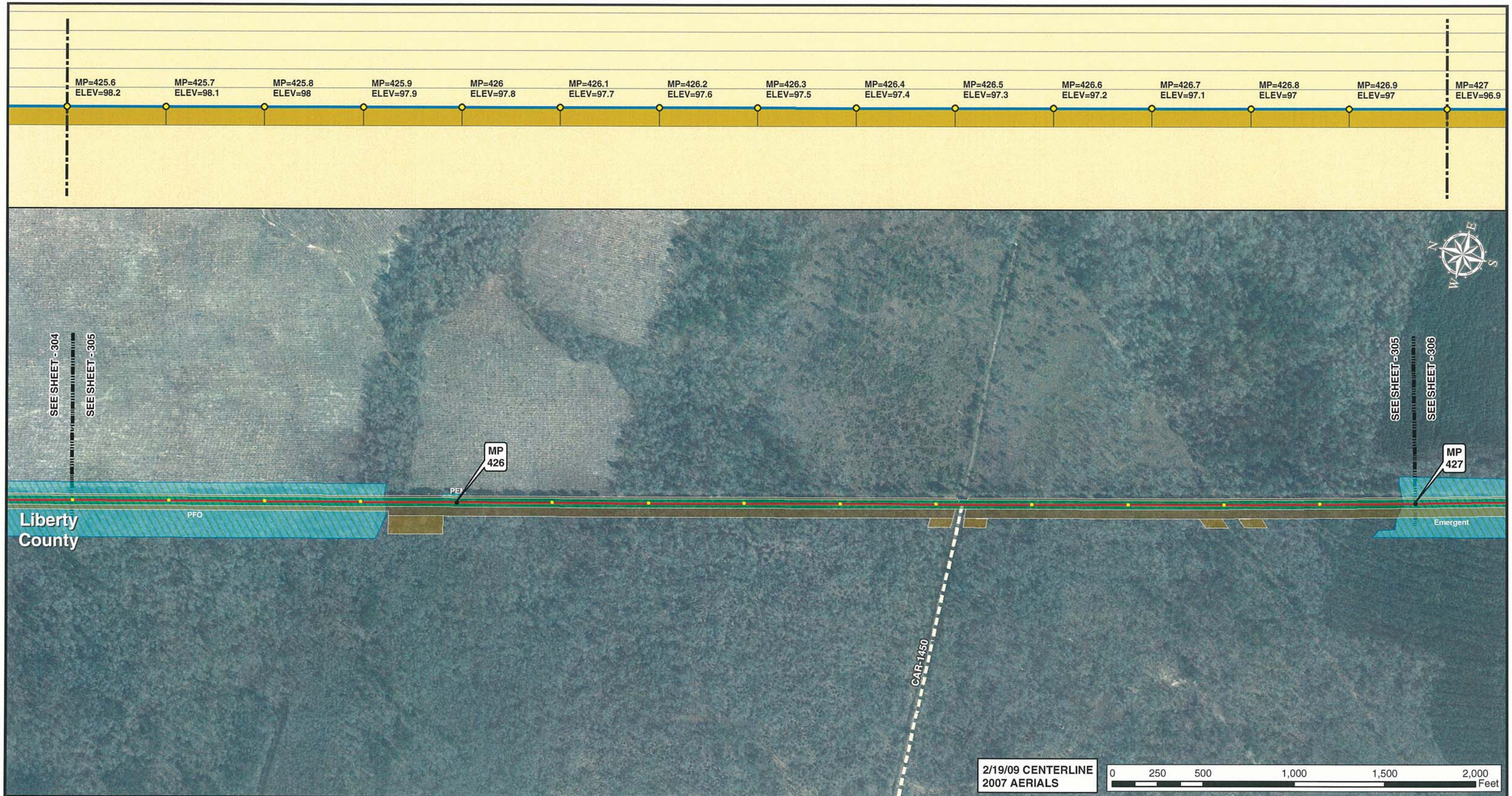
GS	SS	RG	50388X	XL-48 -ML-2002-P- 304-A	304	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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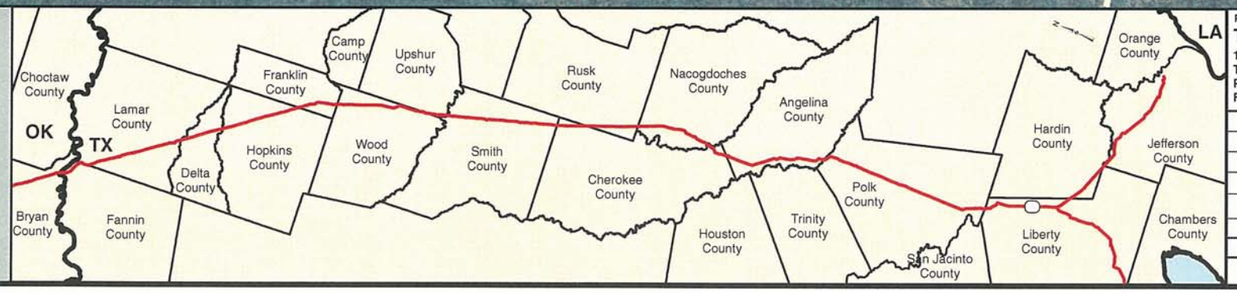

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ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LIBERTY COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

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GS	SS	RG	50388X	XL-48 -ML-2002-P- 305-A	305	1

Legend

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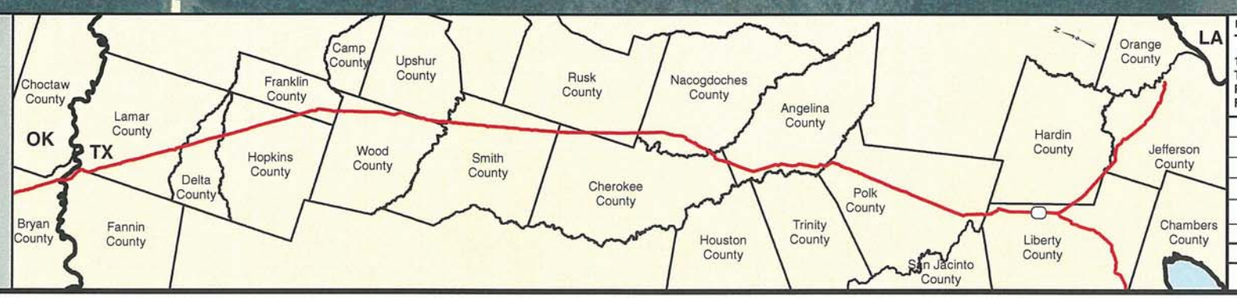

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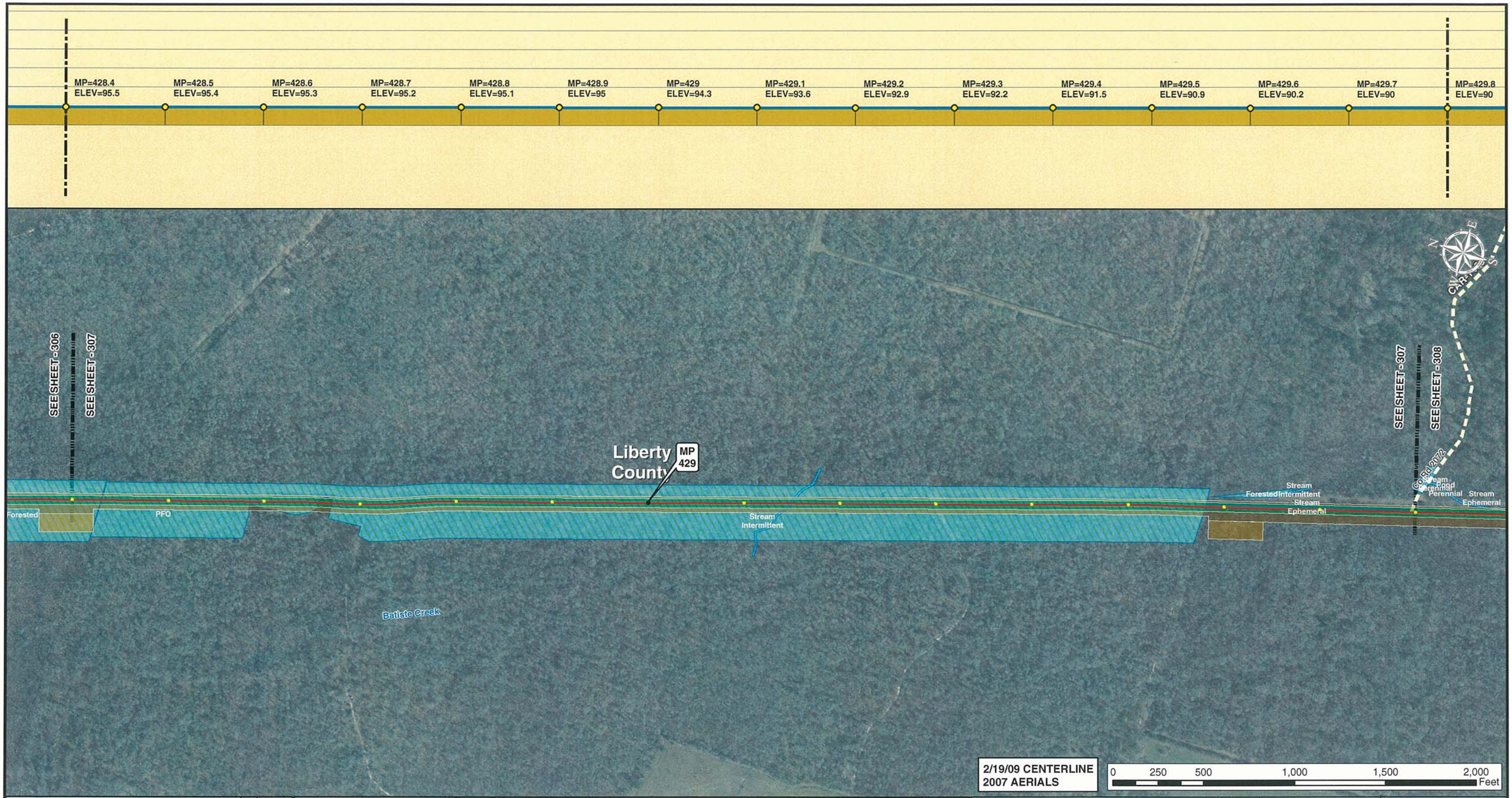

2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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LIBERTY COUNTY, TEXAS

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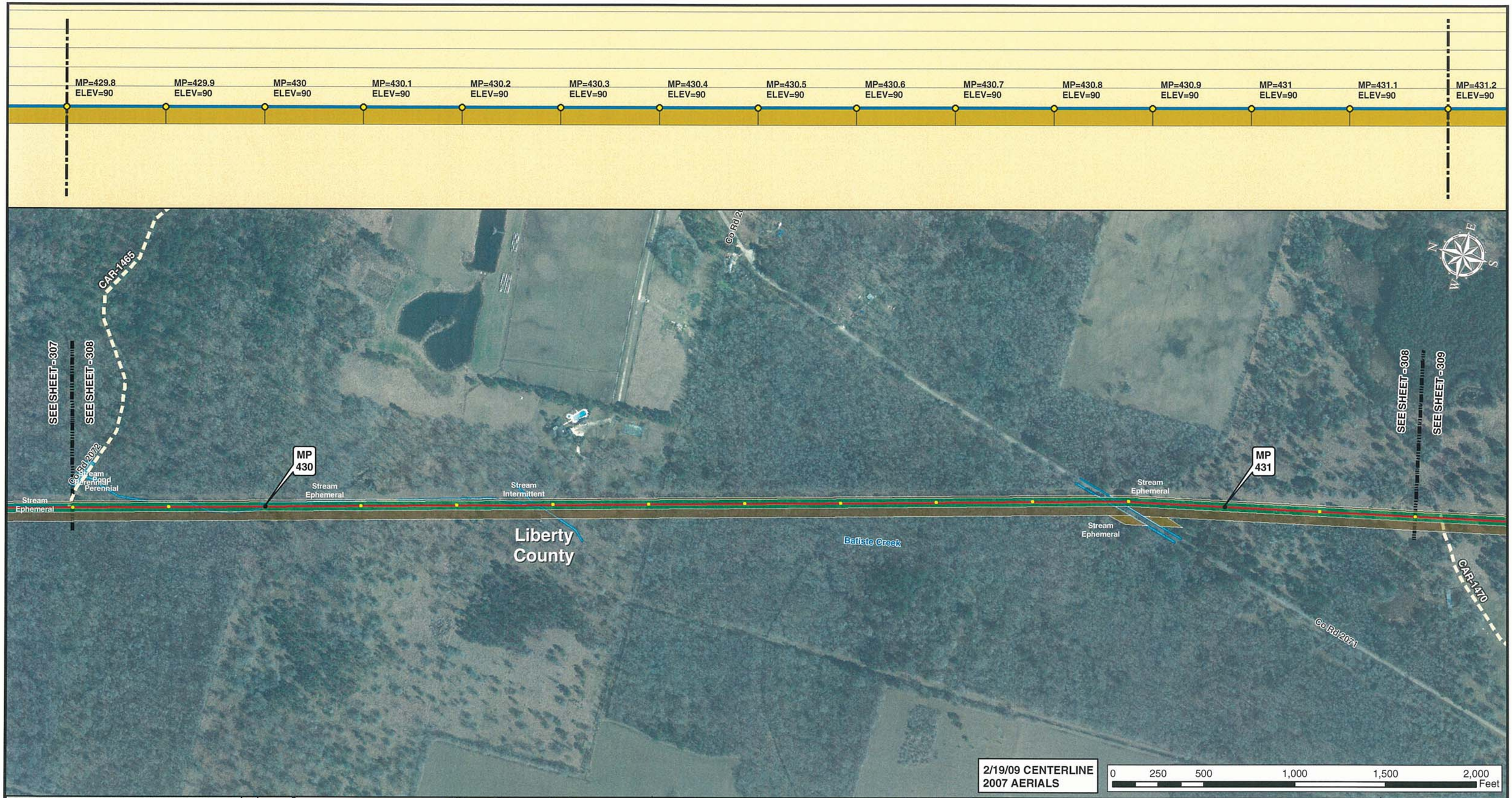
GS	SS	RG	50388X	XL-48 -ML-2002-P- 307-A	307	1



Legend

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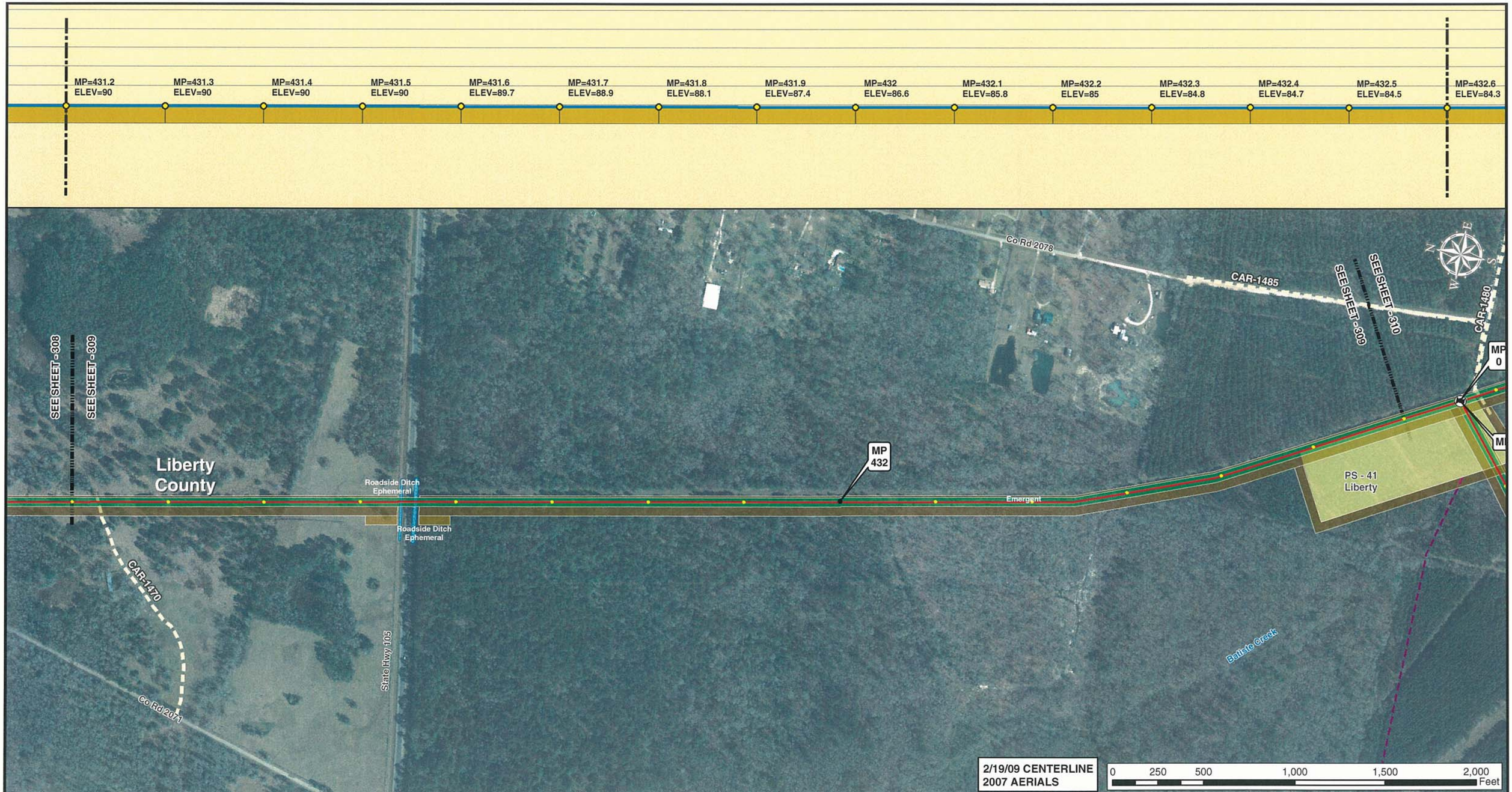

2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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2/19/09 CENTERLINE
2007 AERIALS

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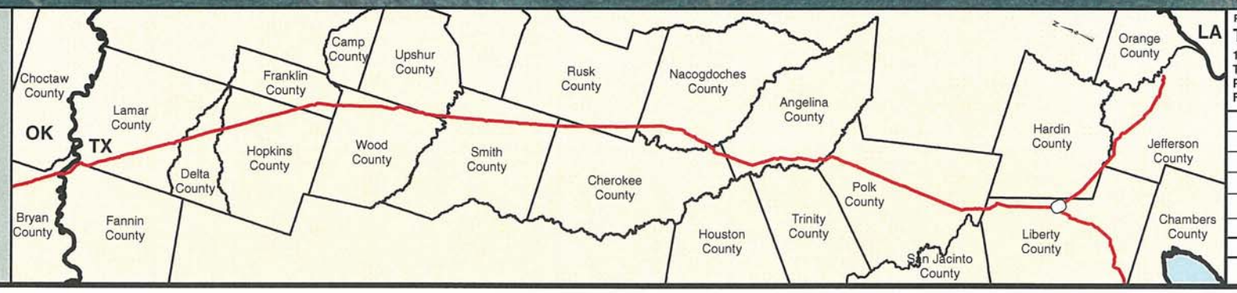

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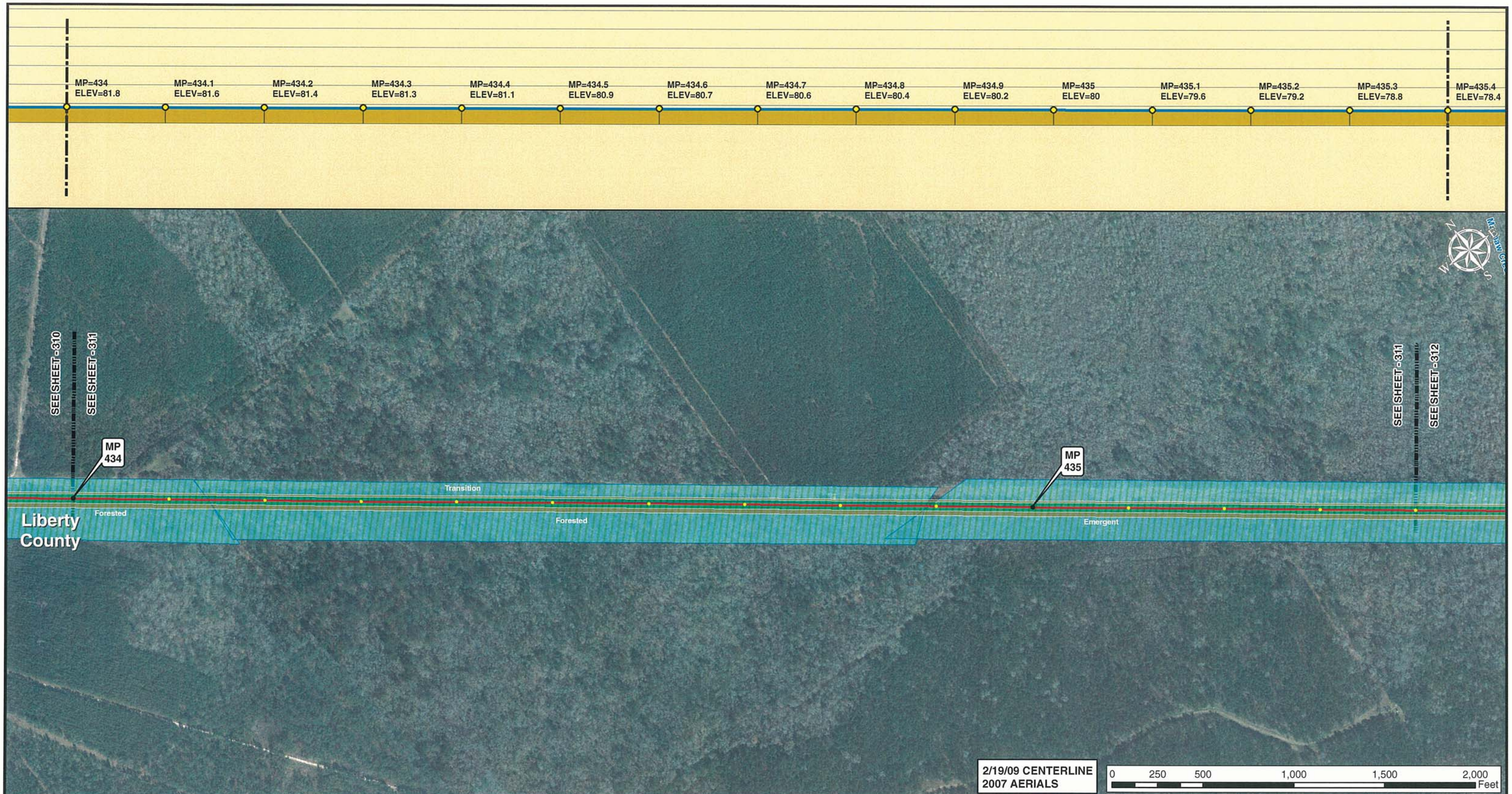

2/19/09 CENTERLINE
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LIBERTY COUNTY, TEXAS

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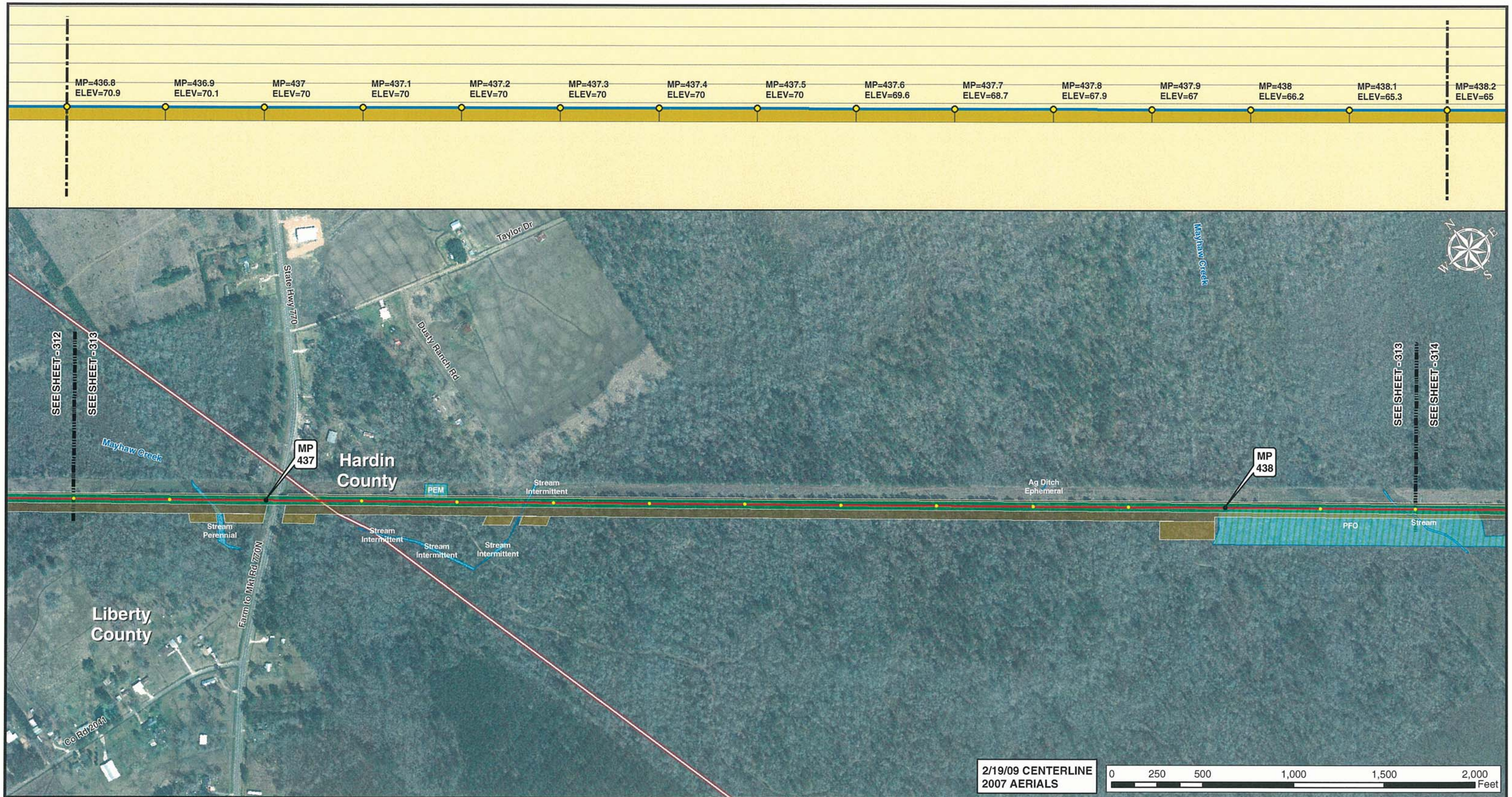

2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

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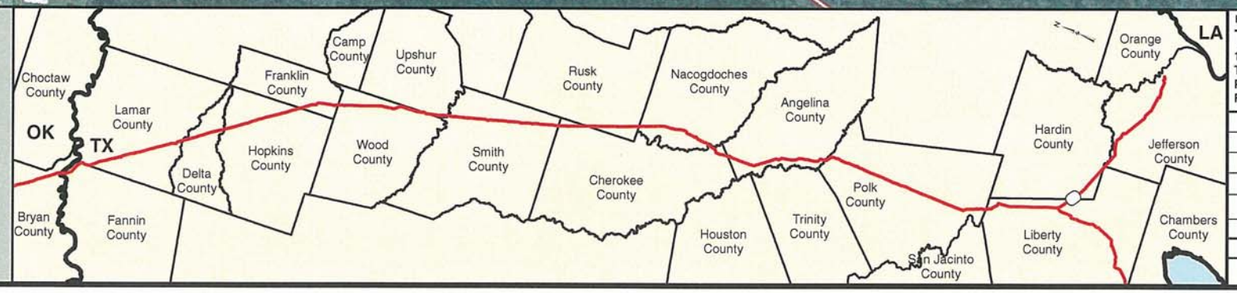

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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
HARDIN COUNTY, TEXAS

MAP PARAMETERS
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2/19/09 CENTERLINE
2007 AERIALS

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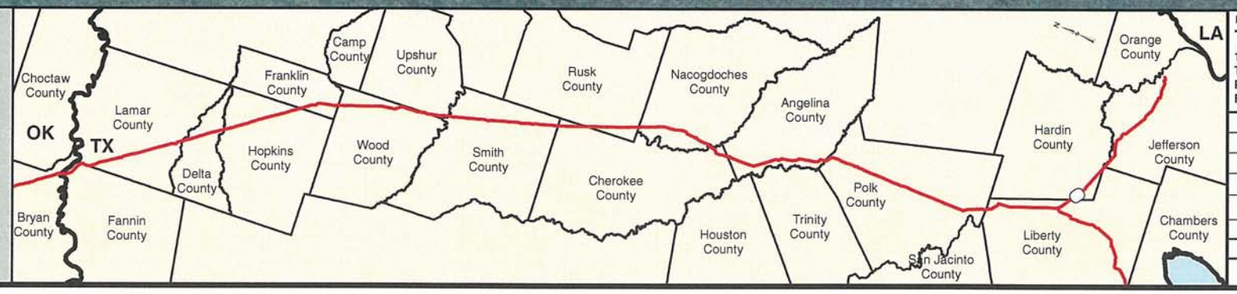

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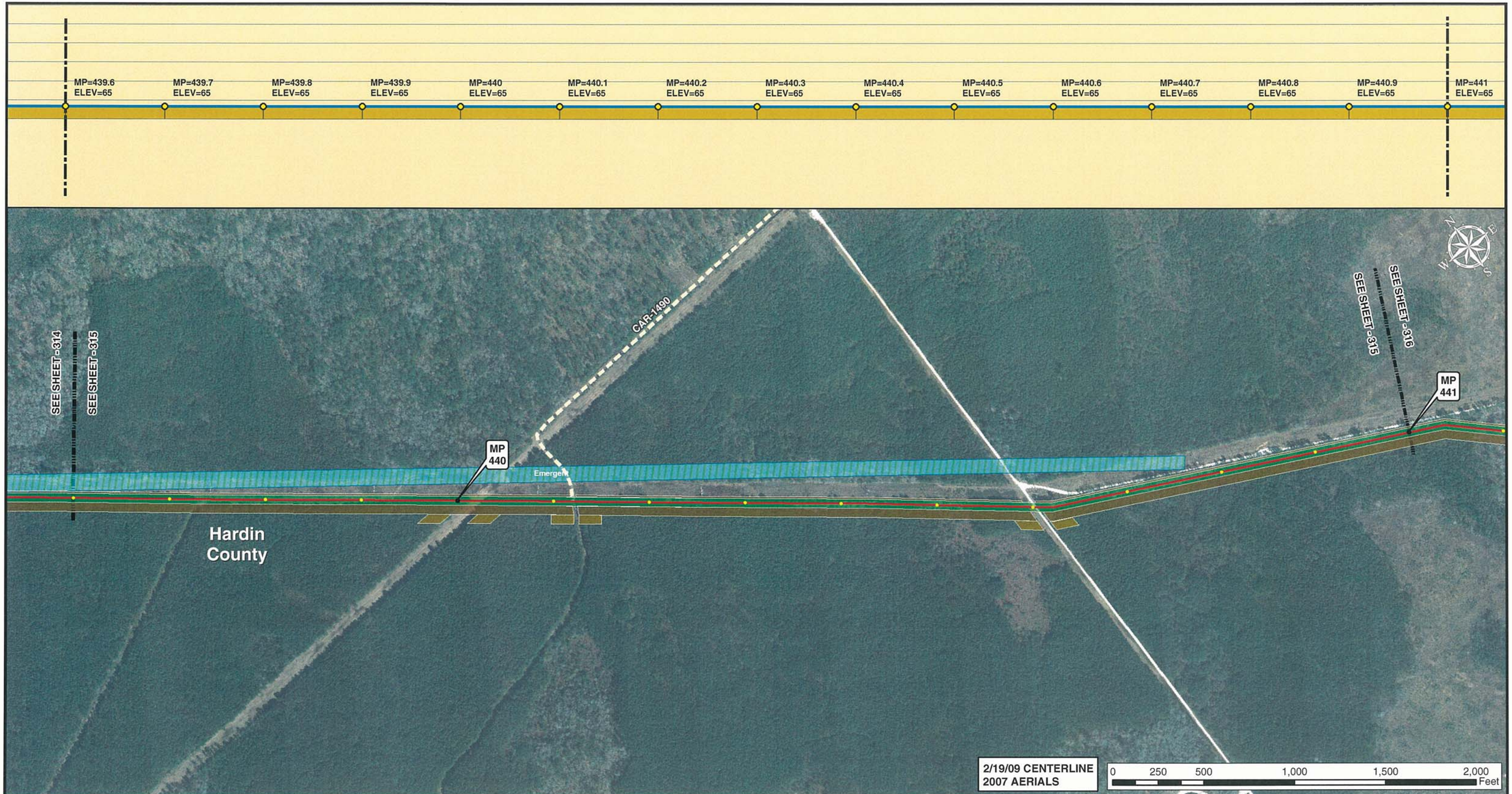
GS	SS	RG	50388X	XL-48 -ML-2002-P- 314-A	314	1



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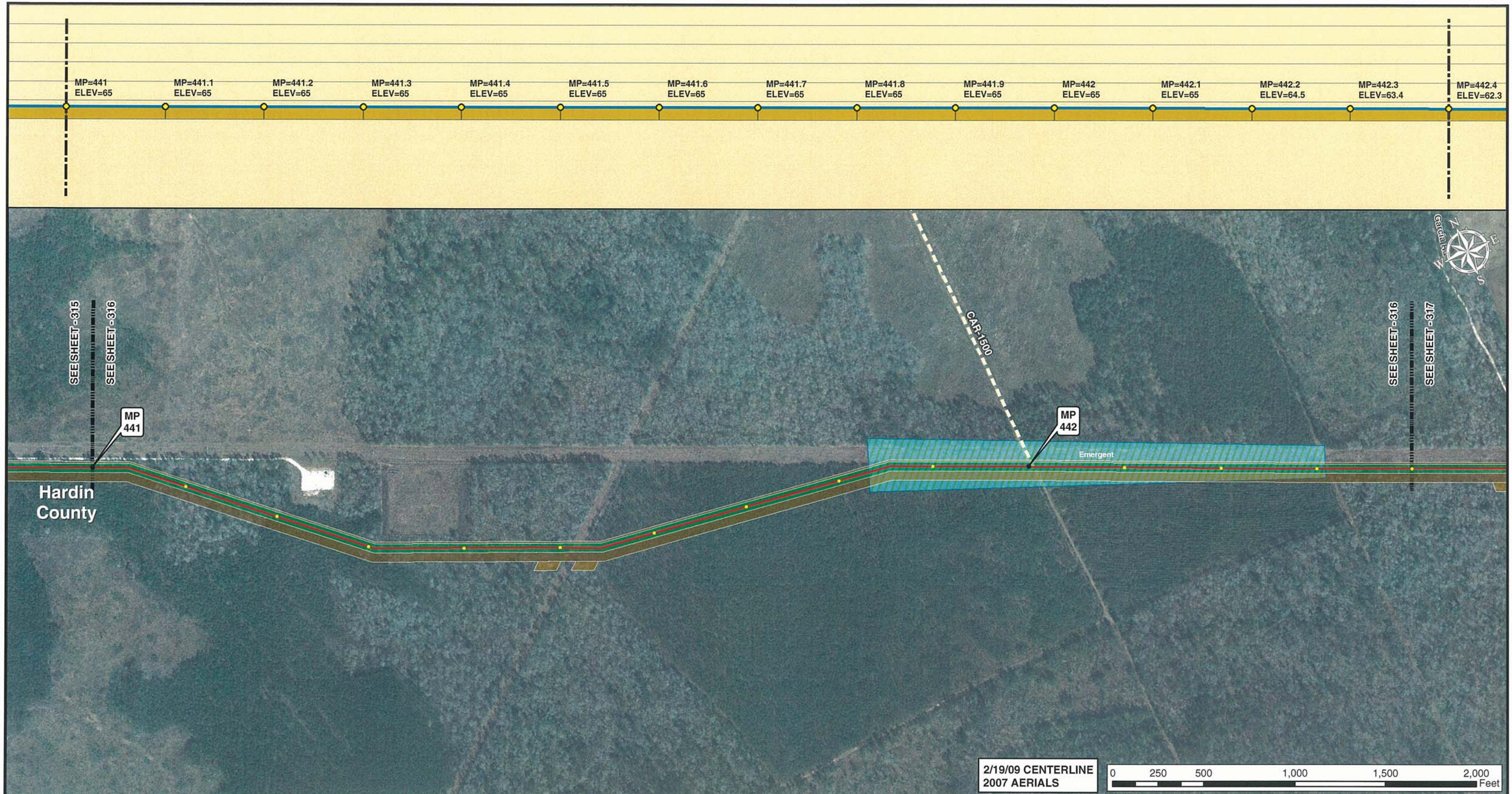

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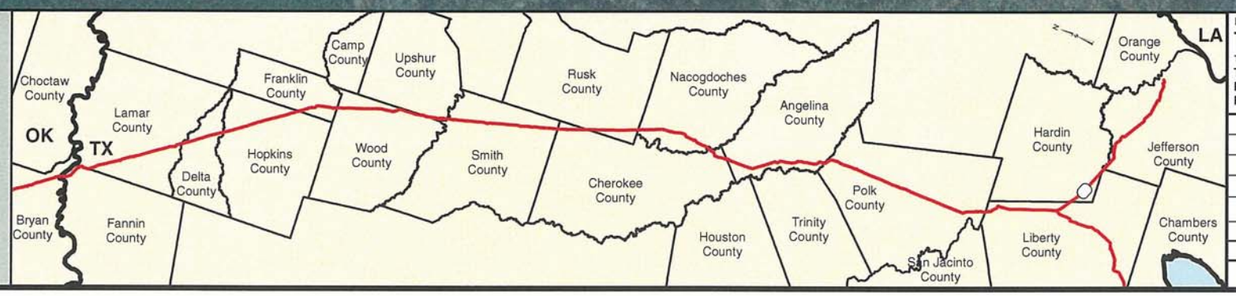

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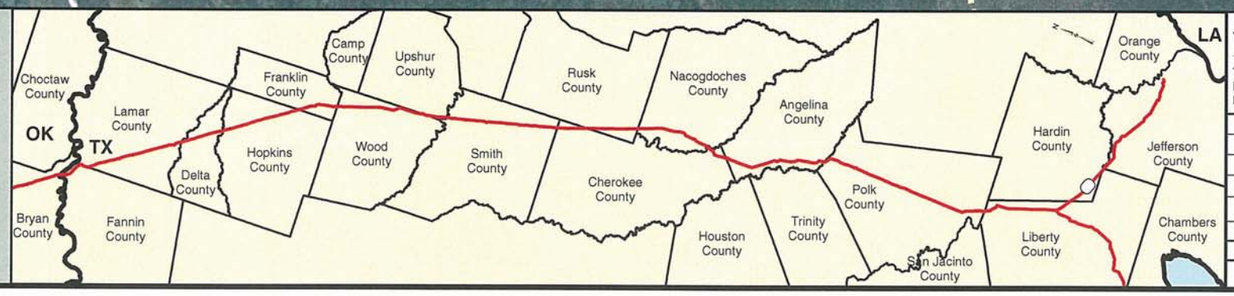

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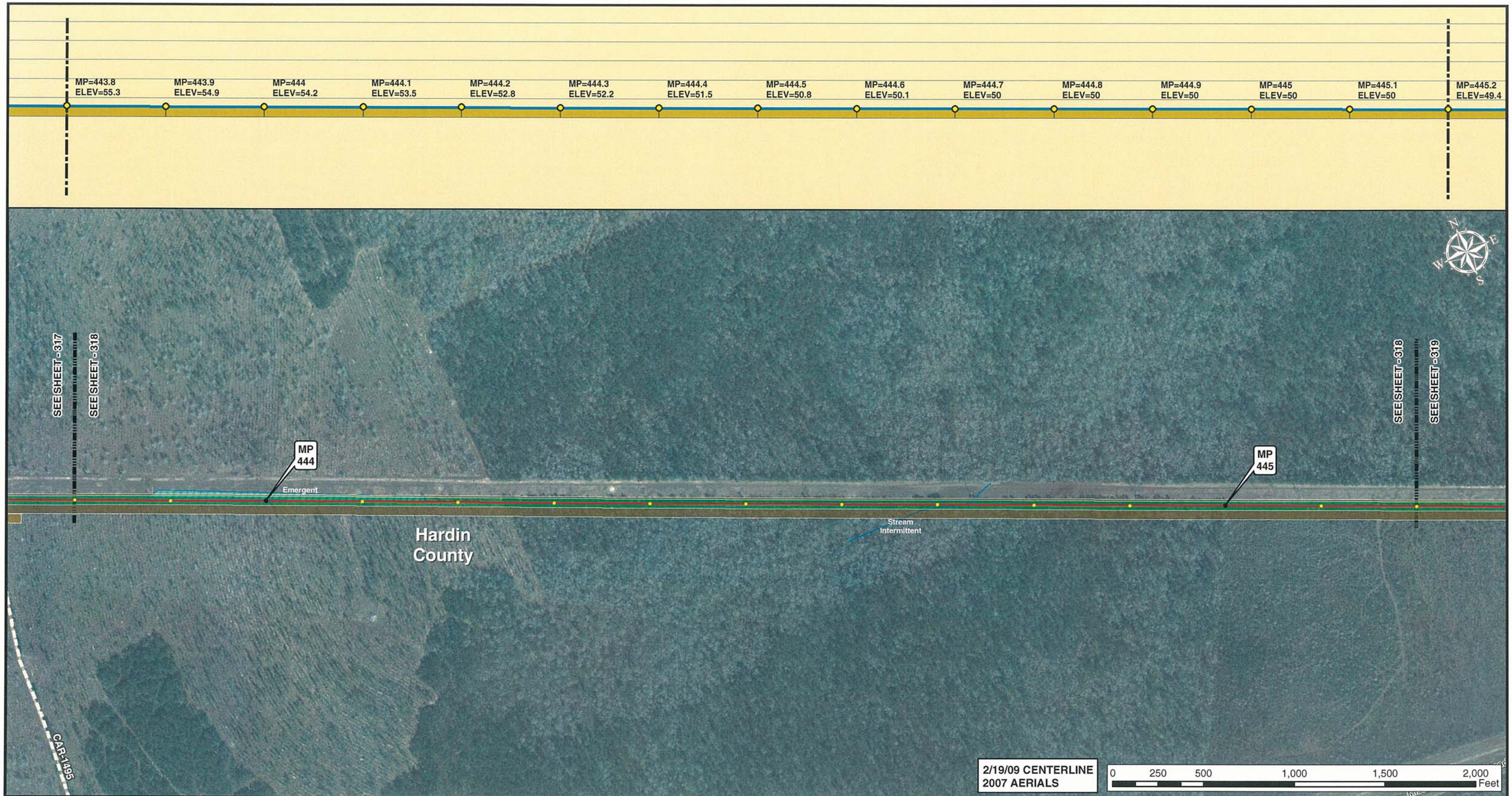
0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
HARDIN COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 317-A	317	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
HARDIN COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 318-A	318	1

2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
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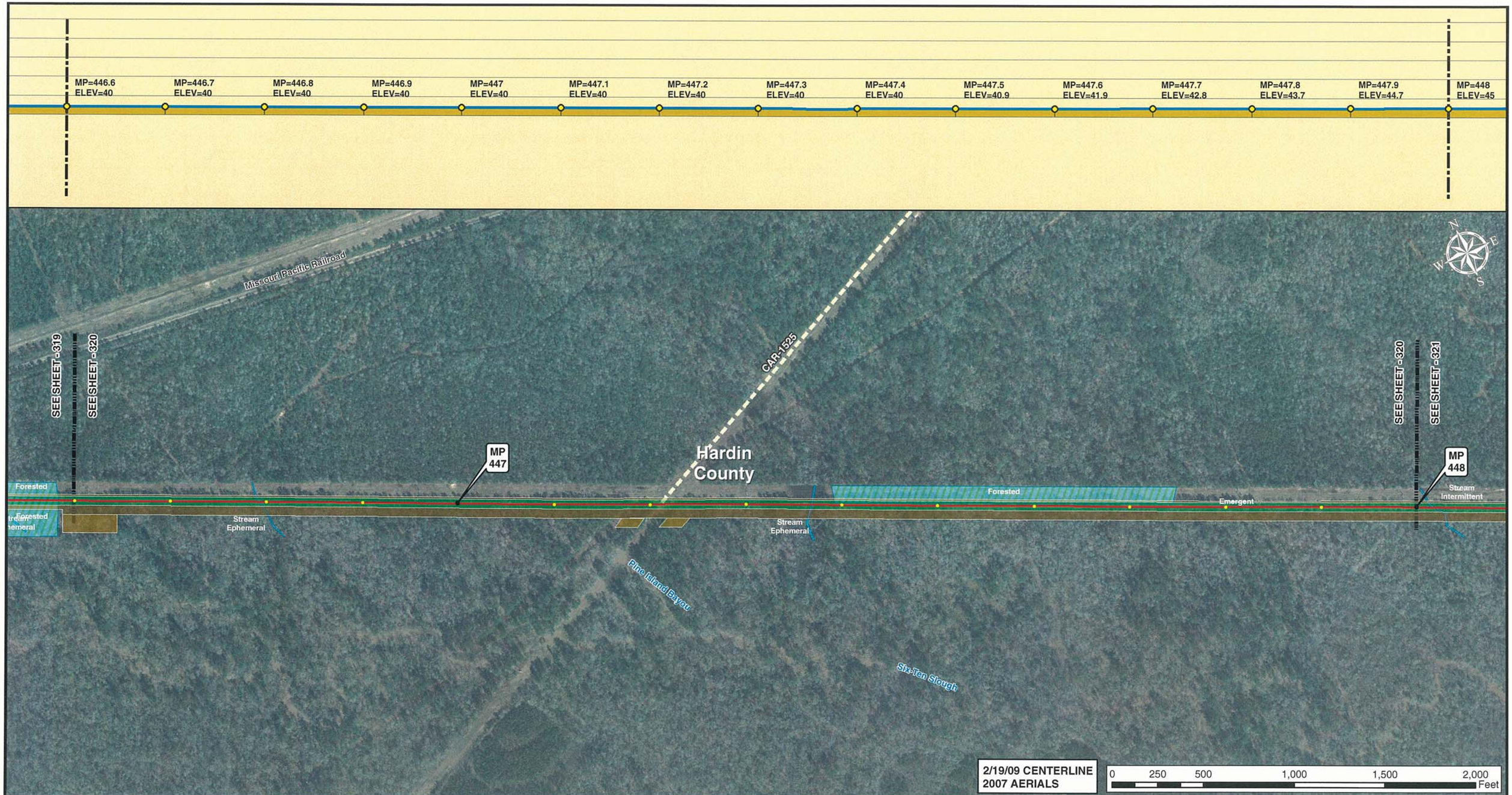
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
HARDIN COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 319-A	319	1



2/19/09 CENTERLINE
2007 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
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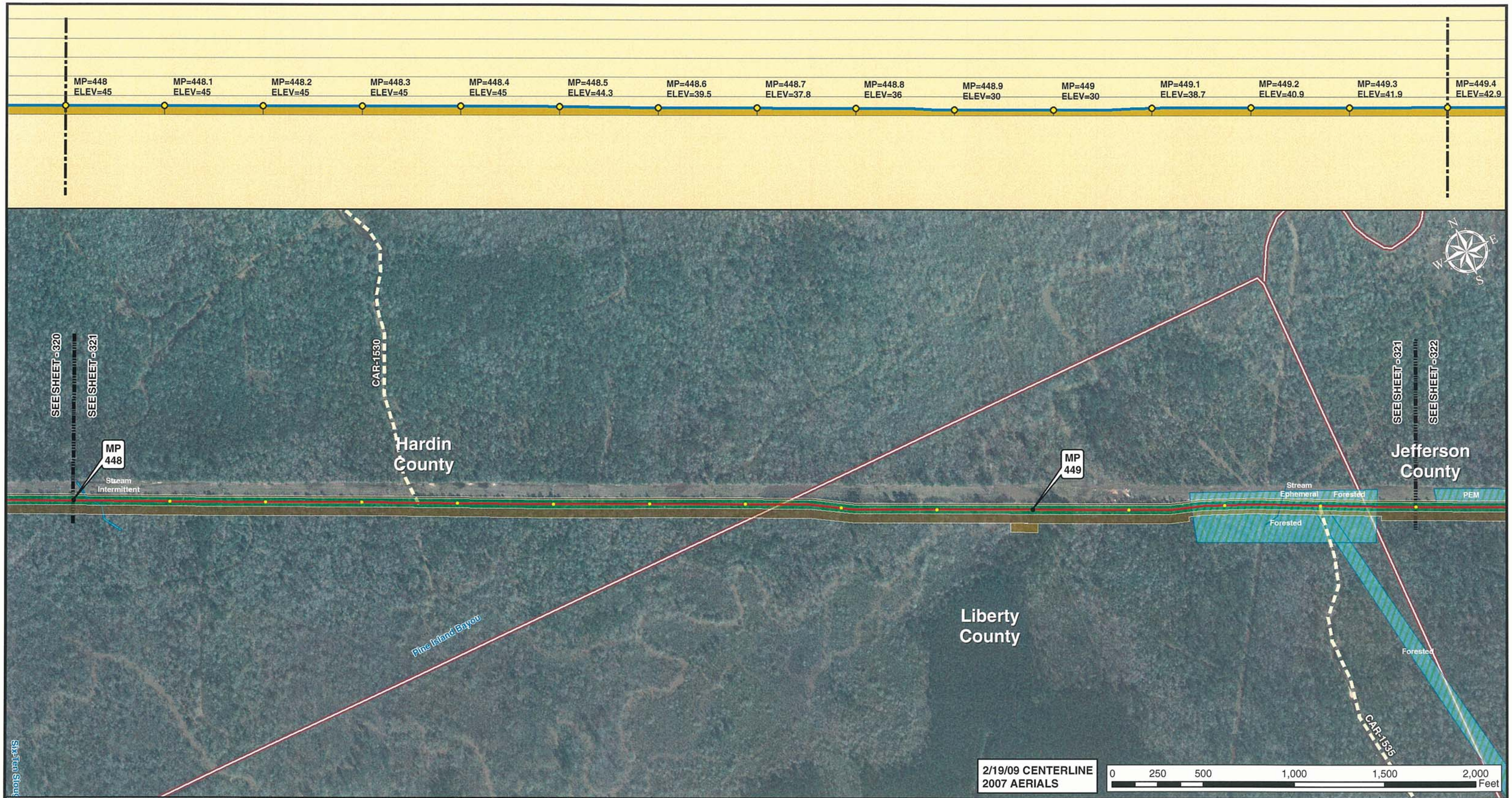
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
HARDIN COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 320-A	320	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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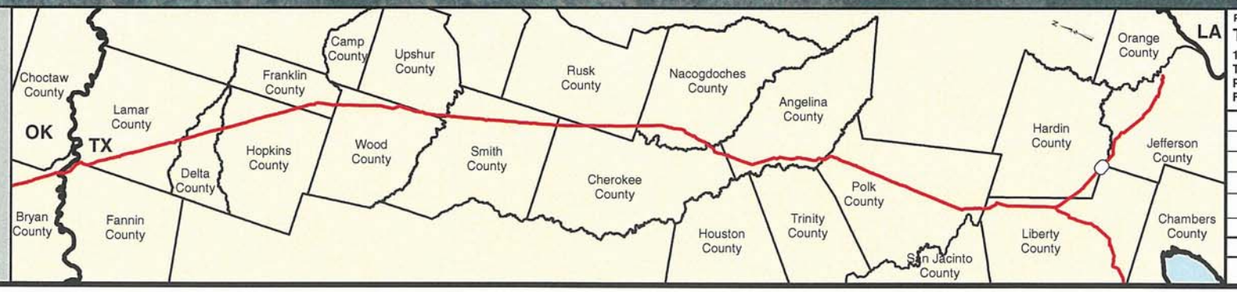

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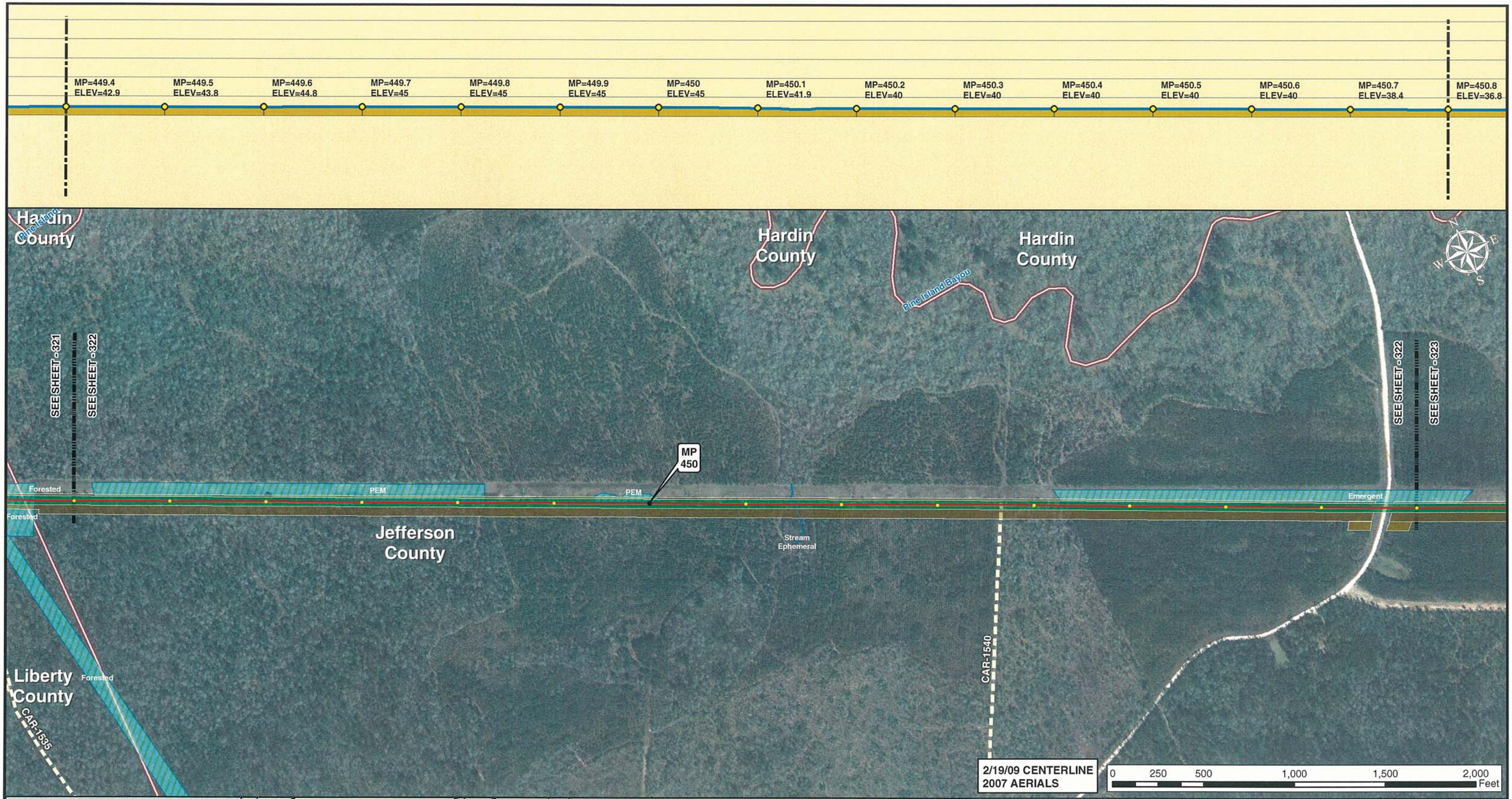
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
LIBERTY COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 321-A	321	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
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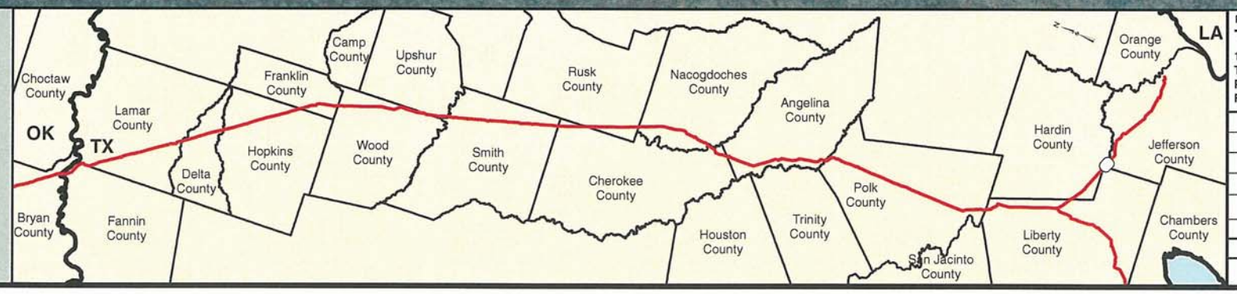
- WETLAND
- COUNTY LINE
- SECTION LINE



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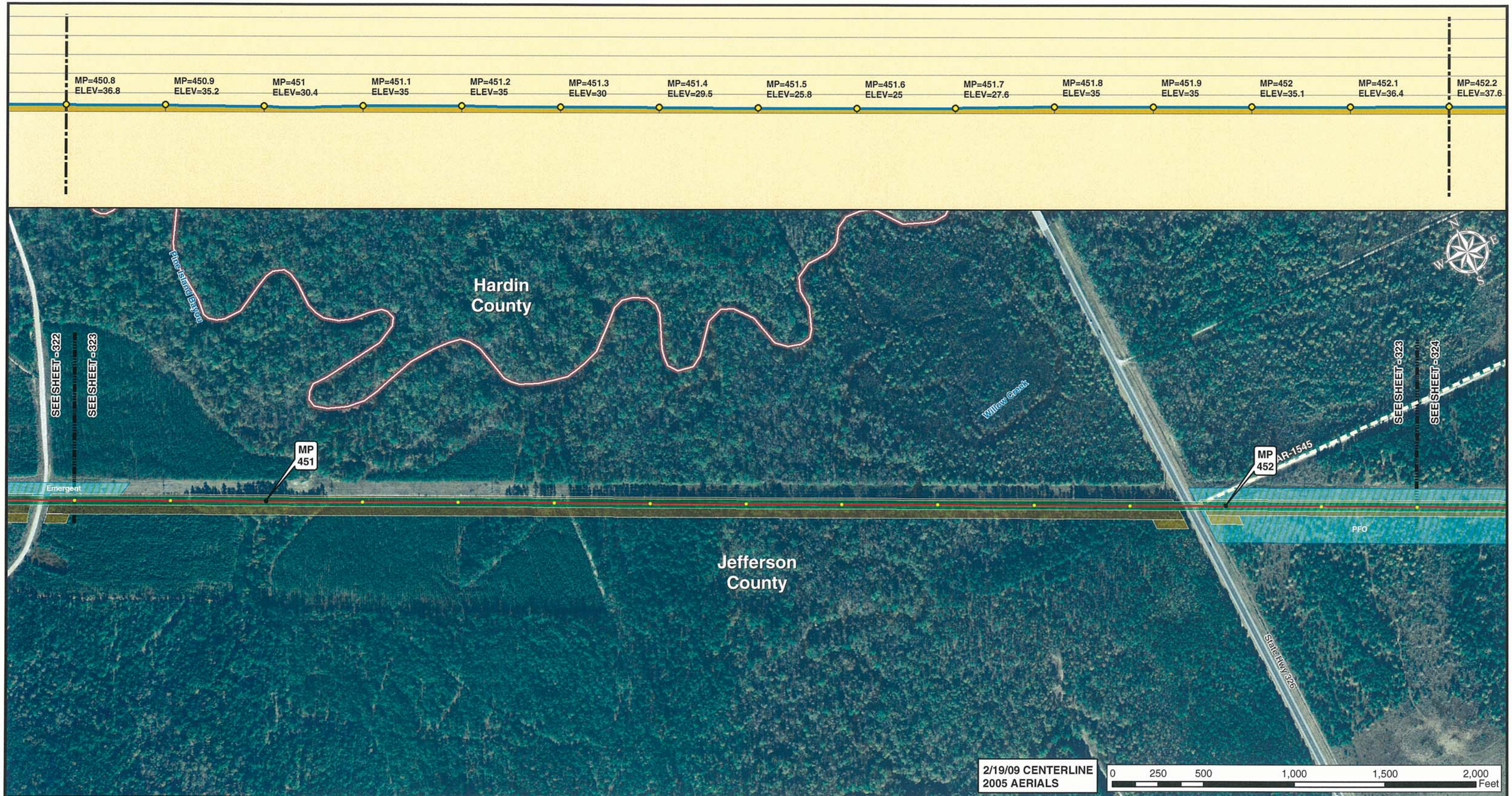
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 322-A	322	1



2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 323-A	323	1

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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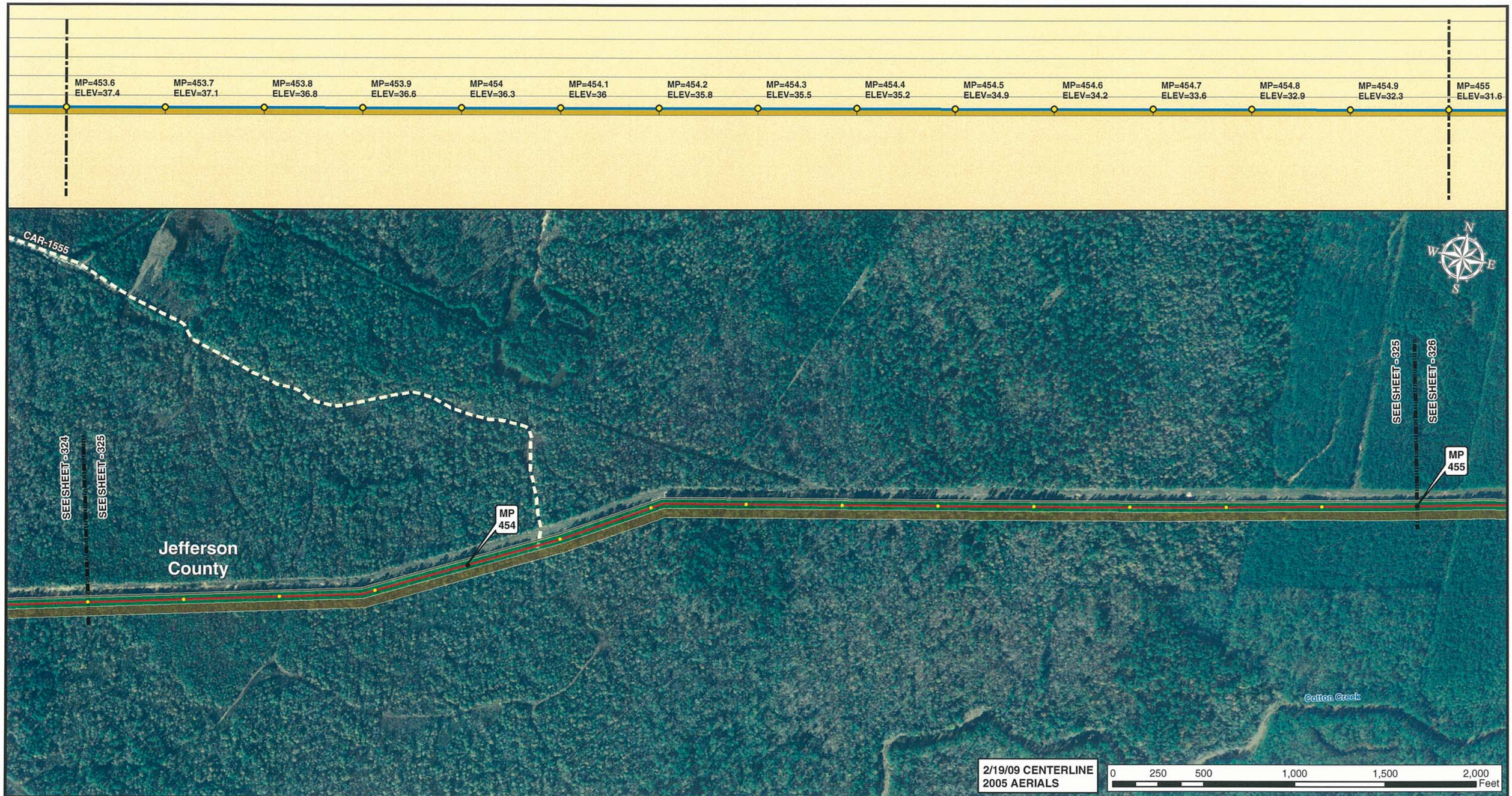
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 324-A	324	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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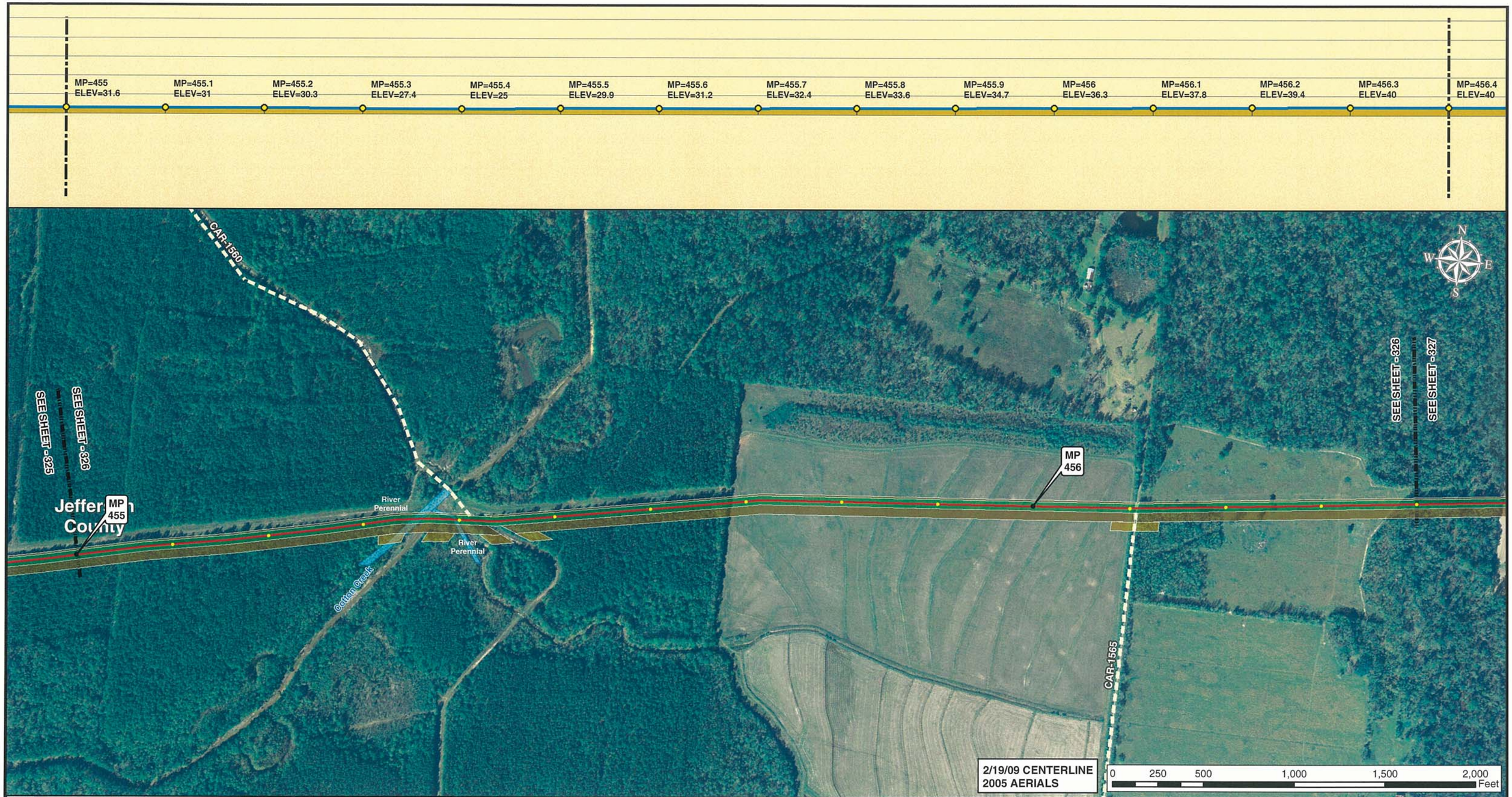
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 325-A	325	1



Legend

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- VALVE
- KEYSTONE XL PROJECT
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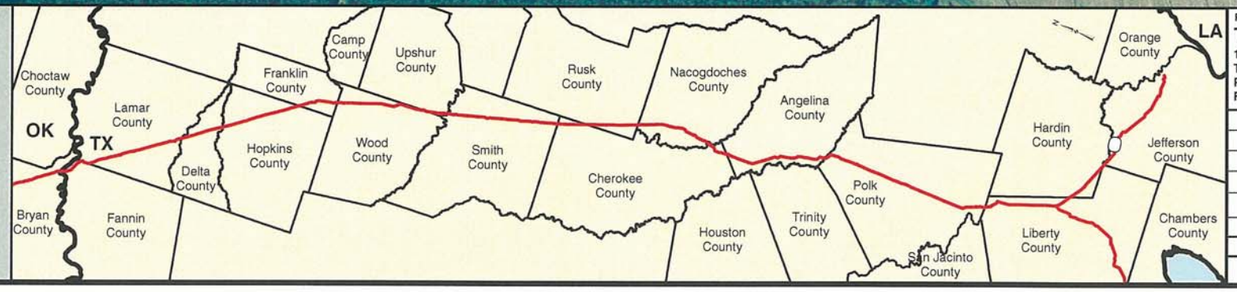

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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 326-A	326	1

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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- EXTRA WORKSPACE
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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
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SCALE: 1: 6000 ; 1" = 500'

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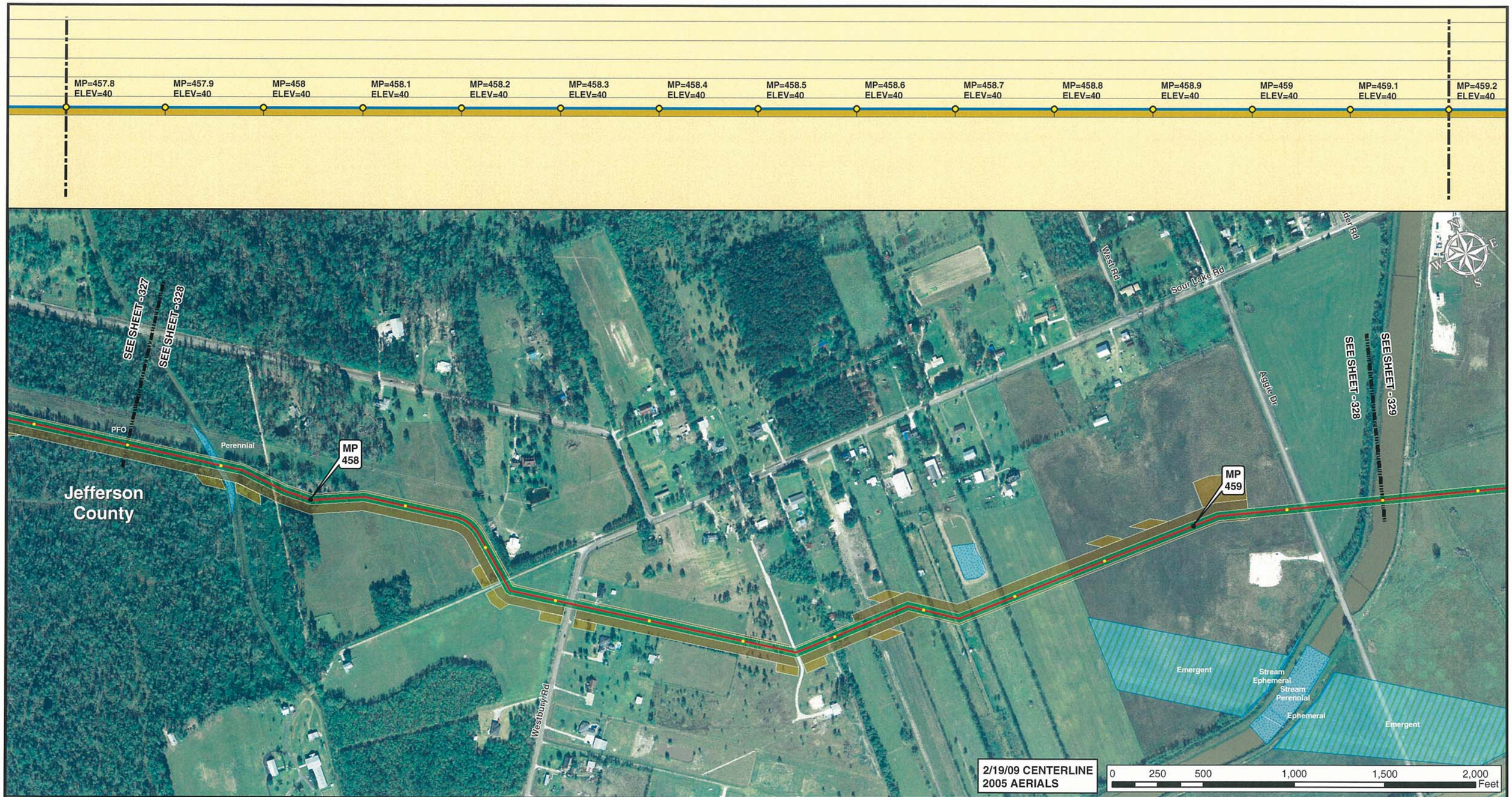
GS	SS	RG	50388X	XL-48 -ML-2002-P- 327-A	327	1



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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
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SCALE: 1: 6000 ; 1" = 500'

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GS	SS	RG	50388X	XL-48 -ML-2002-P- 328-A	328	1

Legend

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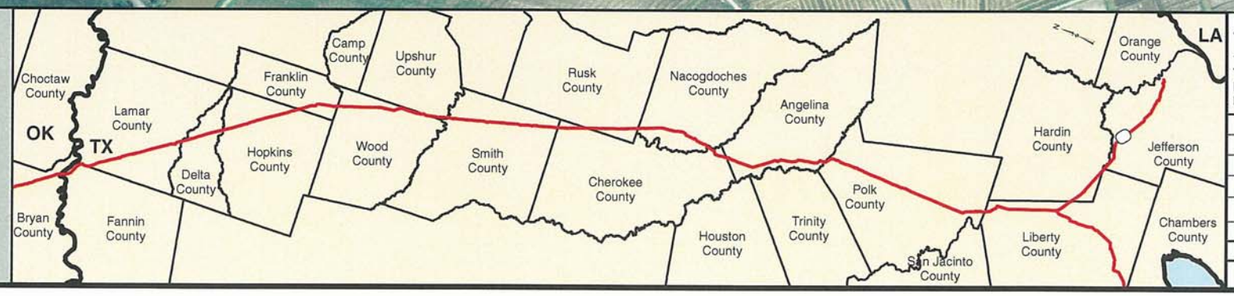

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JEFFERSON COUNTY, TEXAS

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2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
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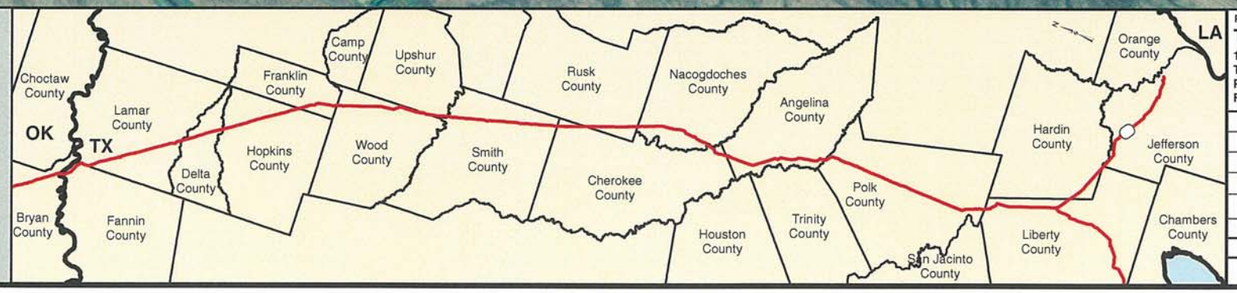

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KEYSTONE XL PROJECT
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CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
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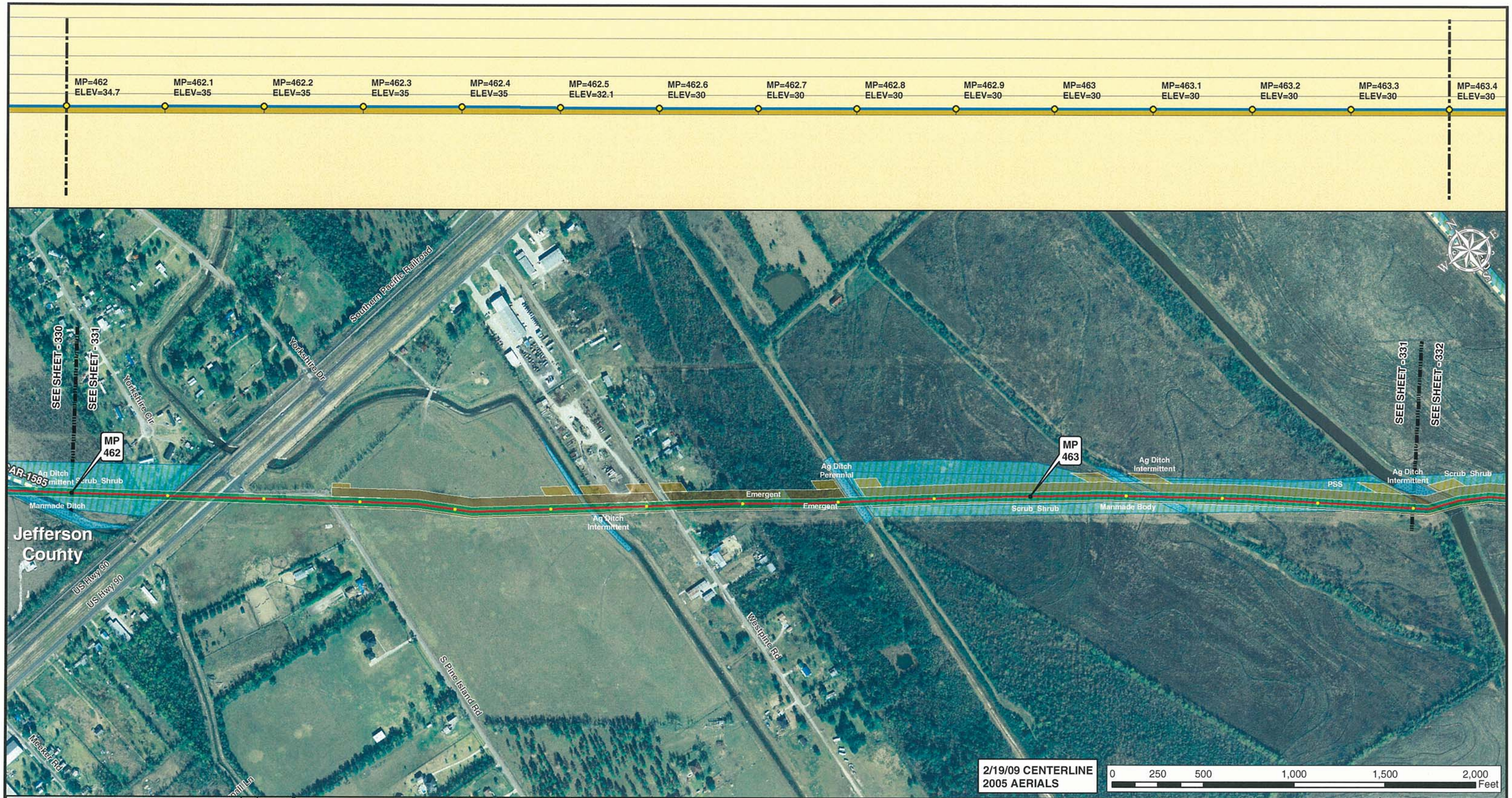
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 330-A	330	1



Legend

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- SECTION LINE

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TROW ENGINEERING CONSULTANTS INC.
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Tallahassee, Florida , USA 32308
Phone: 1-850-385-5441
Fax: 1-850-385-5523

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0	ISSUED FOR UNITED STATES DEPARTMENT OF STATE (7.31.08 CL)	11.19.08

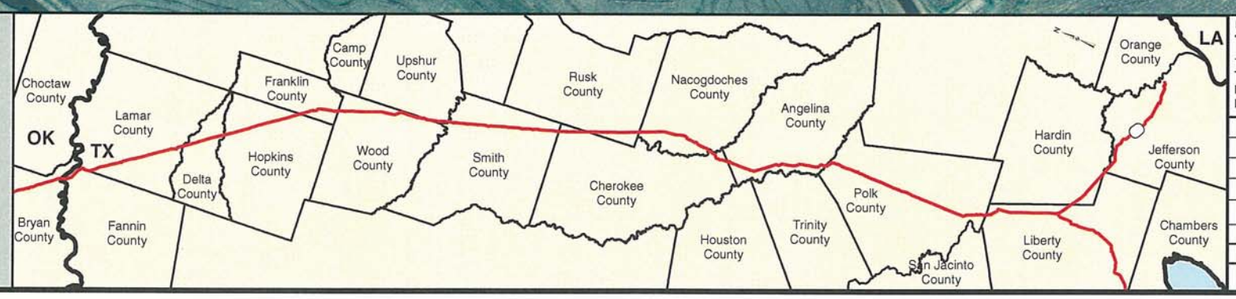
KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 331-A	331	1

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
- ACCESS ROAD
- TRANSMISSION LINE
- PUMP STATION
- STAGING AREA
- PIPE YARD
- CONTRACTOR YARD
- WATER BODY
- WETLAND
- COUNTY LINE
- SECTION LINE



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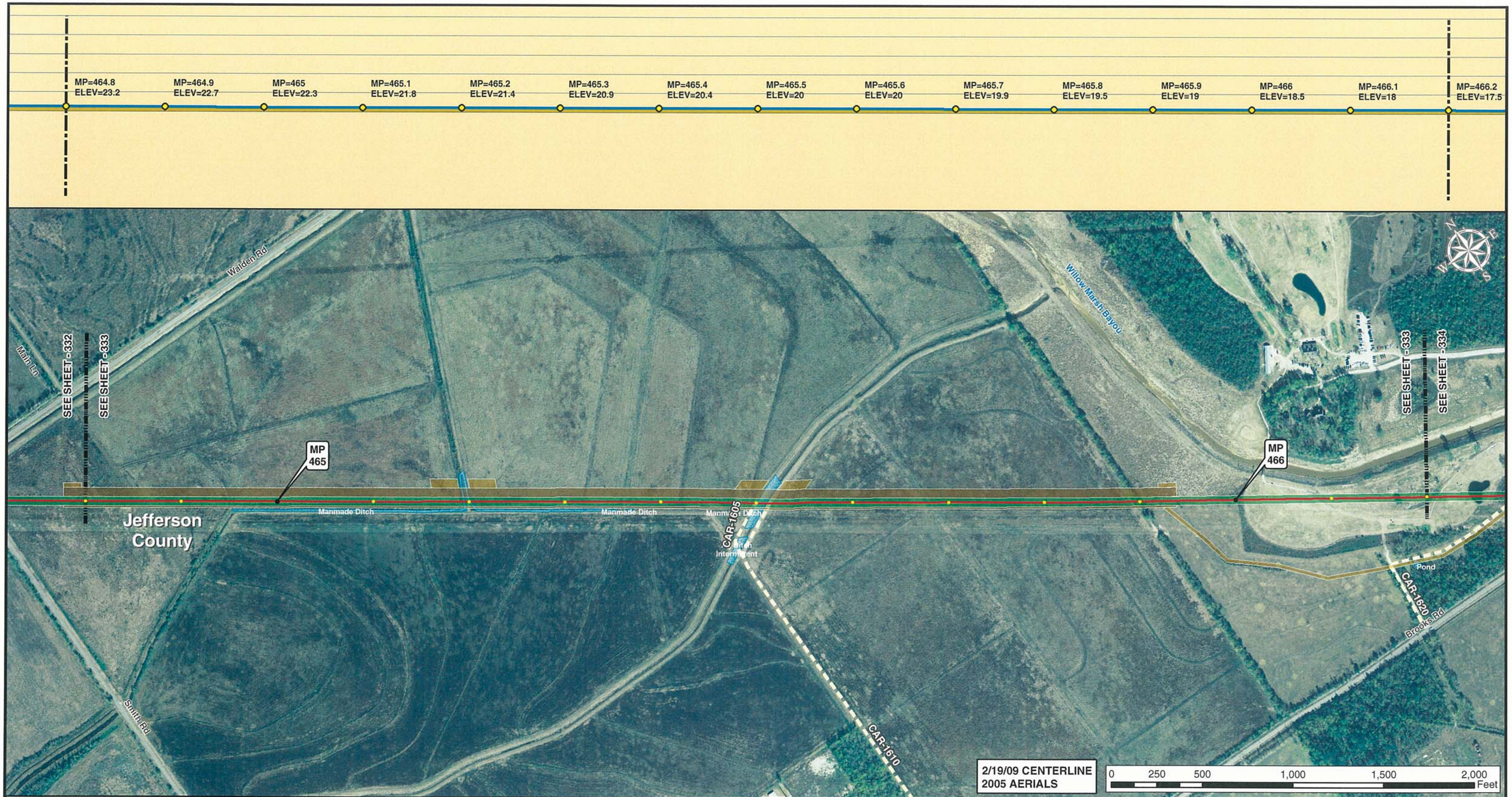
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 332-A	332	1



2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
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- TEMPORARY EASEMENT
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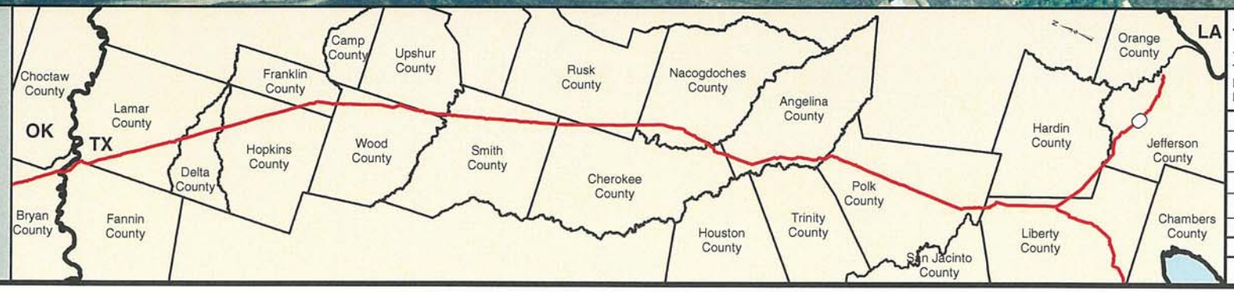

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ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM: 15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 333-A	333	1

2/19/09 CENTERLINE
2005 AERIALS

0 250 500 1,000 1,500 2,000 Feet

Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
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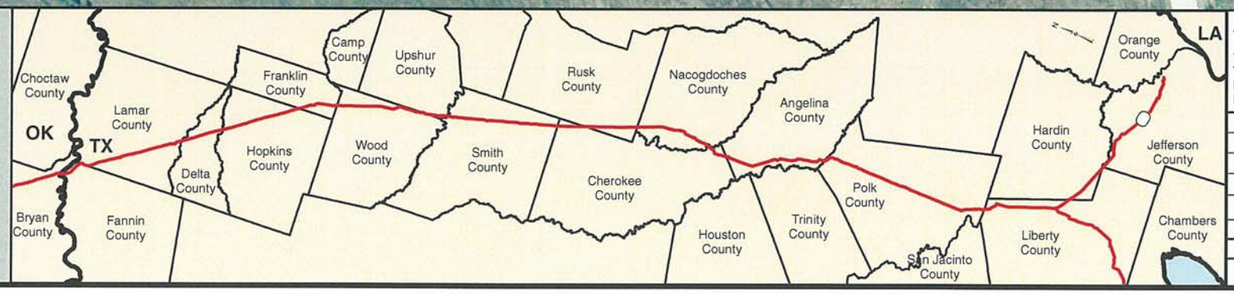

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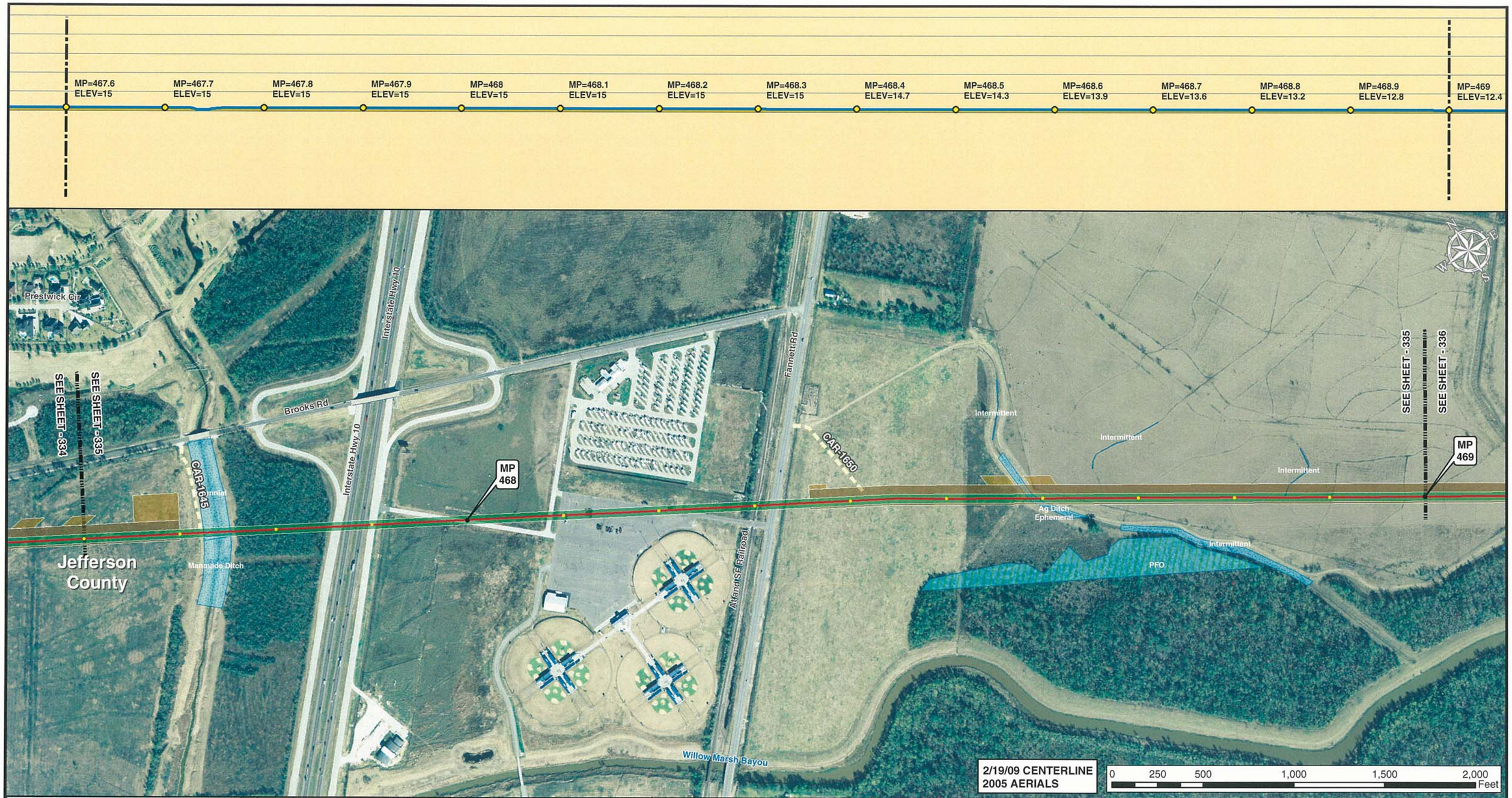
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 334-A	334	1



Legend

- MILE POST
- 0.1 MILE TICK MARK
- VALVE
- KEYSTONE XL PROJECT
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- EXTRA WORKSPACE
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JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
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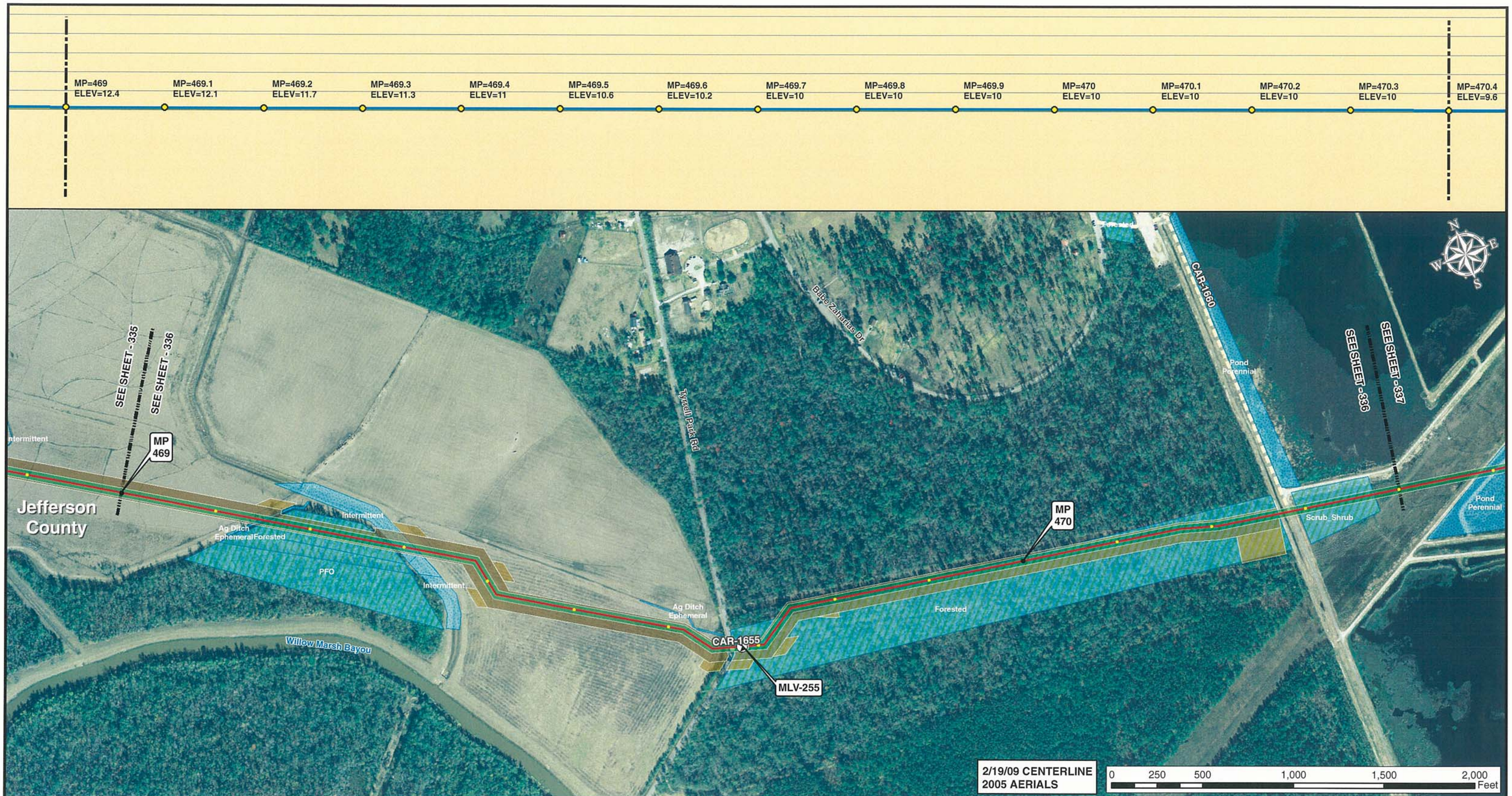
GS	SS	RG	50388X	XL-48 -ML-2002-P- 335-A	335	1



Legend

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- KEYSTONE XL PROJECT
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Legend

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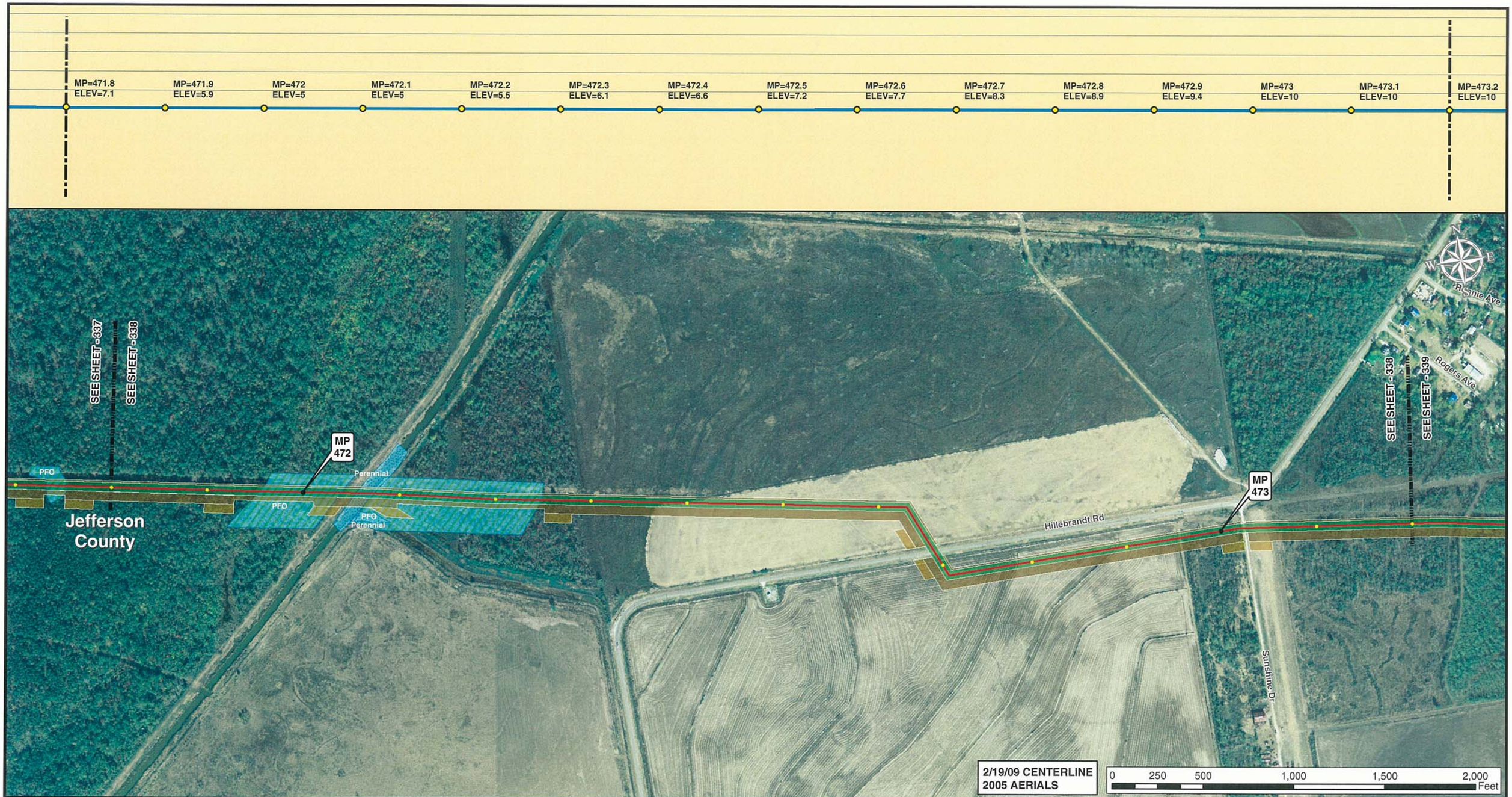
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 337-A	337	1



Legend

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GS	SS	RG	50388X	XL-48 -ML-2002-P- 338-A	338	1

Legend

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KEYSTONE XL PROJECT
ROUTE SHEETS
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
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GS	SS	RG	50388X	XL-48 -ML-2002-P- 339-A	339	1

Legend

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JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
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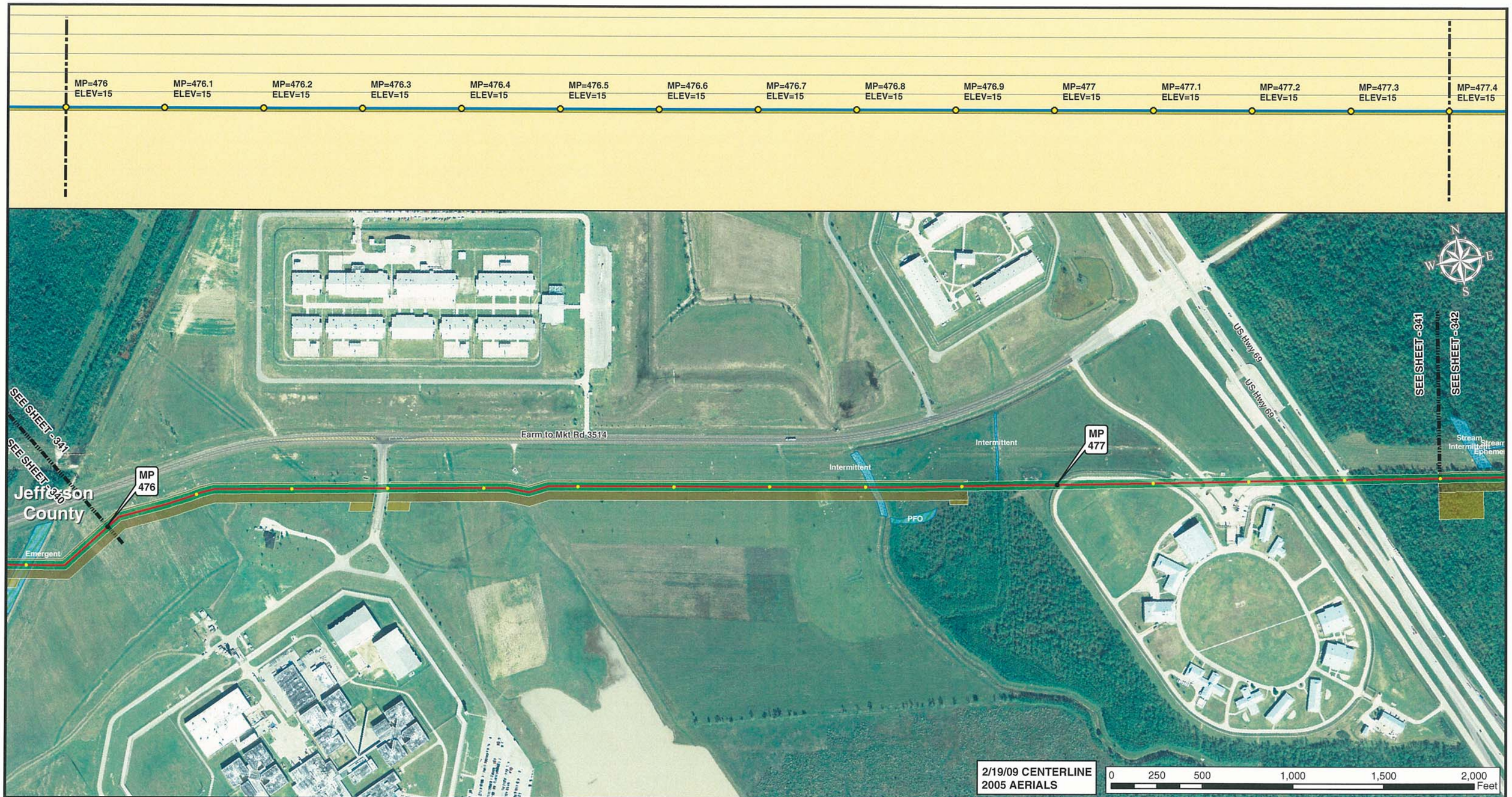
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 340-A	340	1



Legend

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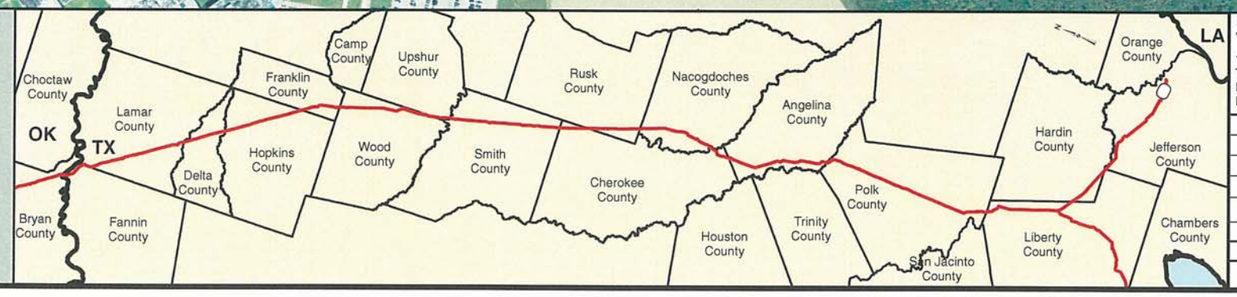

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JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
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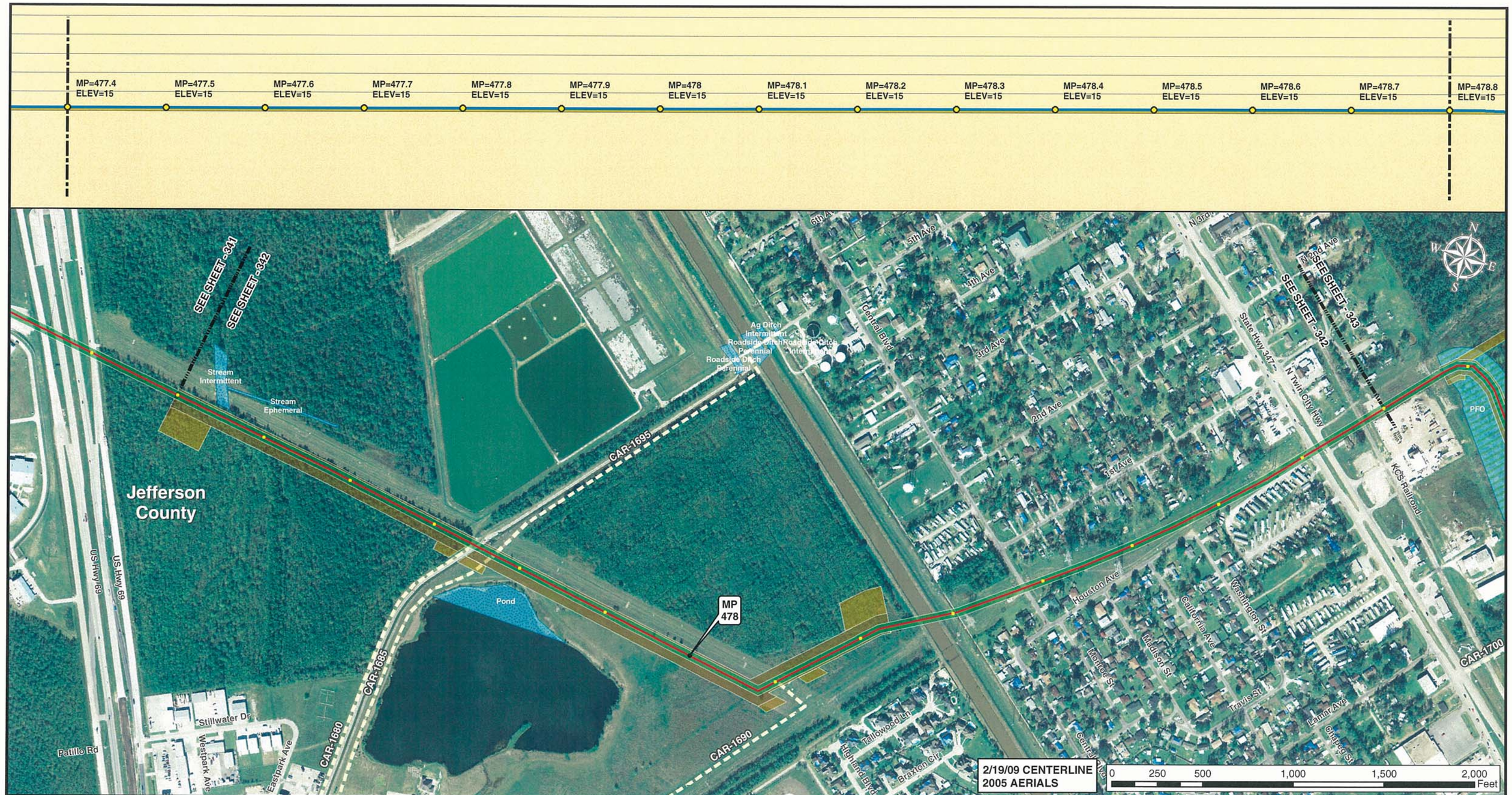
DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 341-A	341	1



Legend

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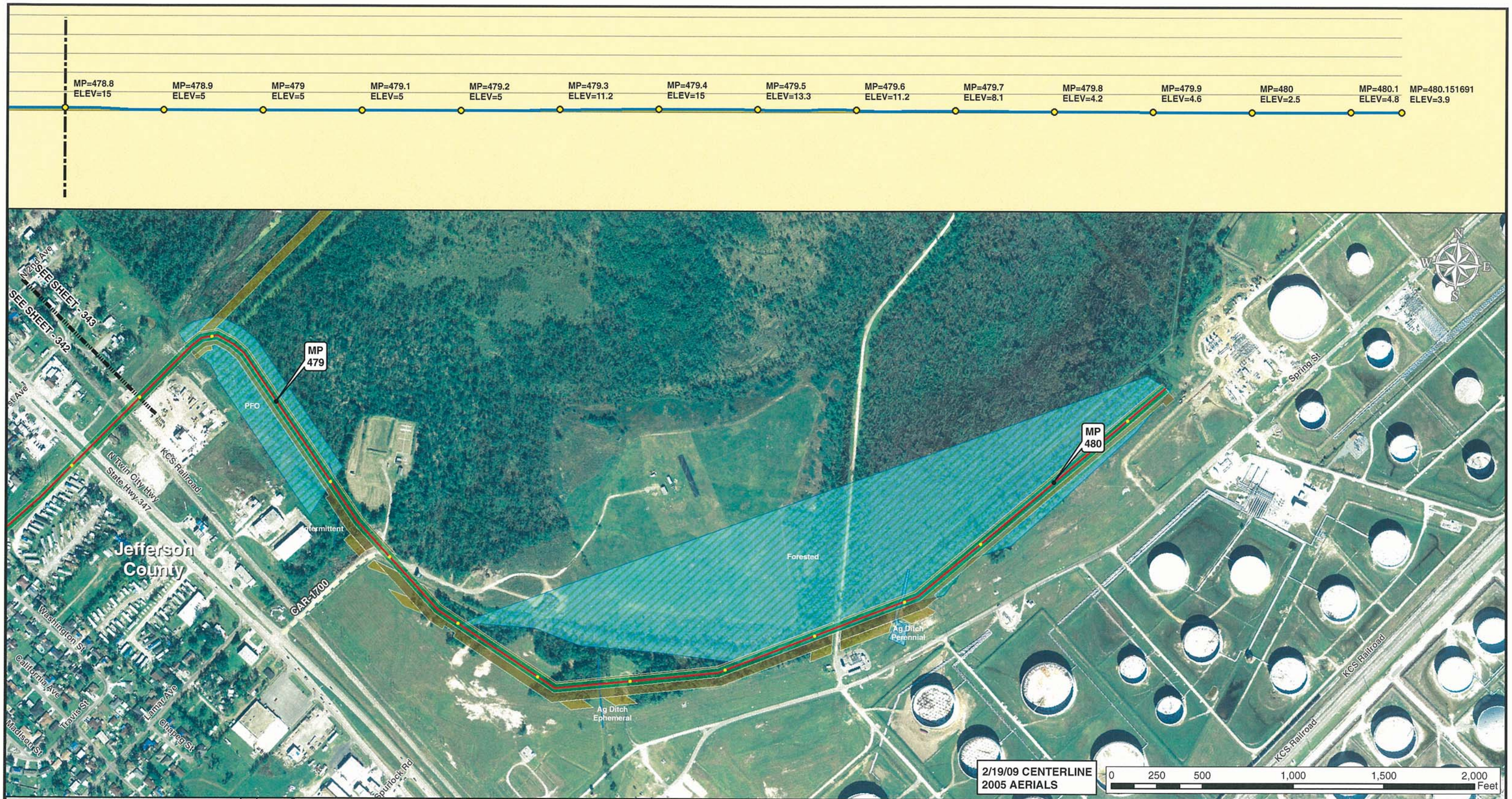
CUSHING, OKLAHOMA TO NEDERLAND, TEXAS
JEFFERSON COUNTY, TEXAS

MAP PARAMETERS
PROJECTION: NAD83, UTM:15N
SCALE: 1: 6000 ; 1" = 500'

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT:	DRAWING NUMBER	SHEET	REV.
GS	SS	RG	50388X	XL-48 -ML-2002-P- 342-A	342	1



Legend

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