



3803 North Main Avenue, Suite 300
 Durango, CO 81301
 Phone: 970-385-1421 FAX: 970-385-1410

Region 5

JMW

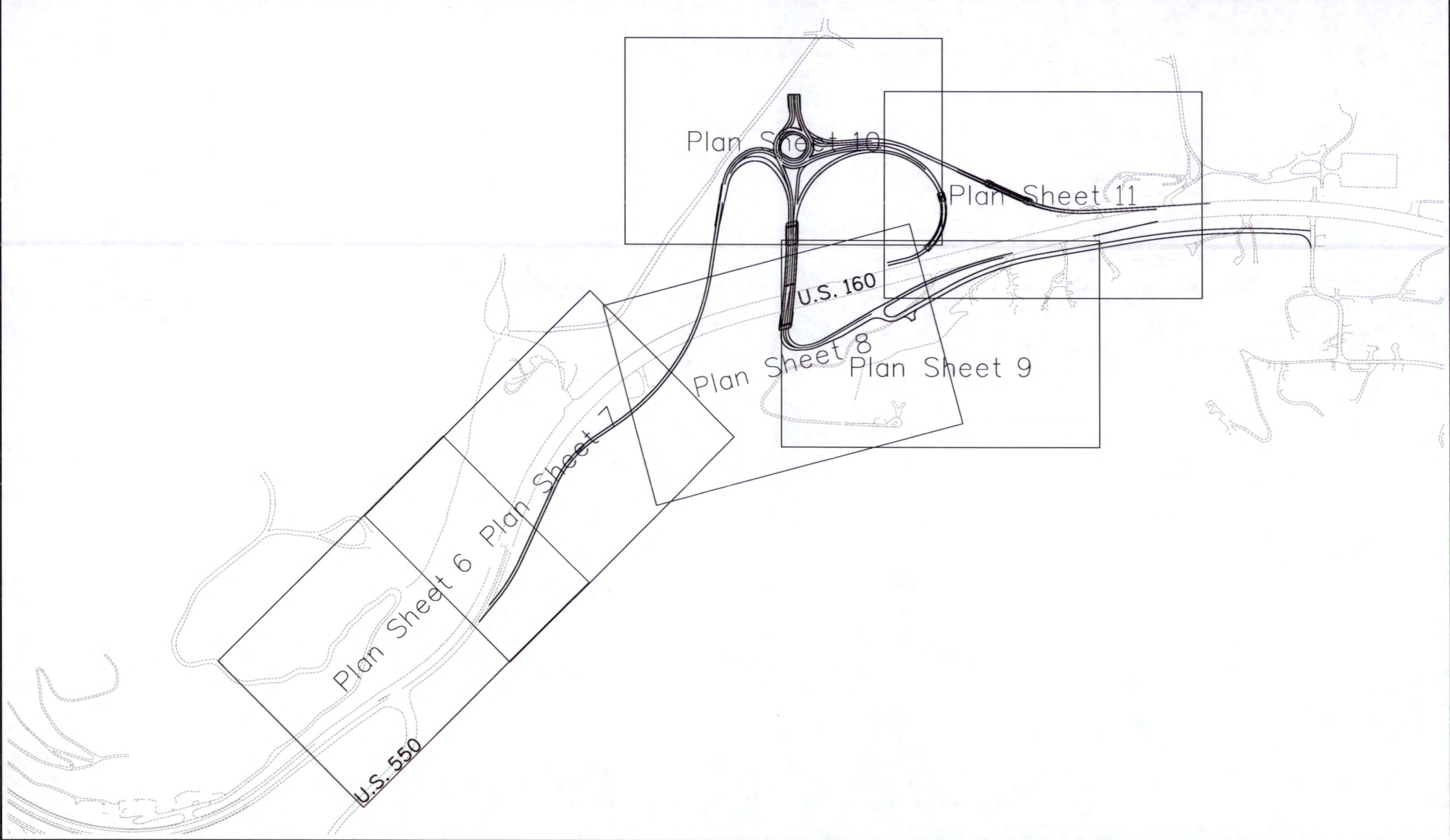
Sheet Revisions		
Date	Description	Initials
2/26/09	Added Plan Sheet borders	TCJ

Sheet Revisions		
Date	Description	Initials
	XXXXXXXX	XXX

Sheet Revisions		
Date	Description	Initials
	XXXXXXXX	XXX



Right of Way Plans				
PLAN SHEET KEY				
Project Number: NH 160A-003				
Project Location: US 160 Right of Way Acquisition				
Project Location:				
Project Code:	Last Mod. Date:	Subset Sheets:	Sheet No.:	Total No. of Sheets:
16056	01/13/2012	1 of 8	5	16





3803 North Main Avenue, Suite 300
Durango, CO 81301
Phone: 970-385-1421 FAX: 970-385-1410

Region 5

JMW

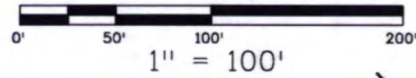
Sheet Revisions		
Date	Description	Initials
05/07	Added Permanent Easements PE4 and PE4A	TCJ
12/07	Changed Owner Name for Parcel 4, PE-4, PE-4A, AC-4 & AC-4A	TCJ
2/26/09	Changed Sheet No. from 5 to 6	TCJ

Sheet Revisions		
Date	Description	Initials
mm/yy	XXXXXXXX	XXX

Sheet Revisions		
Date	Description	Initials
mm/yy	XXXXXXXX	XXX

Right of Way Plans				
PLAN SHEET				
Project Number: NH 160A-003				
Project Location: US 160 Right of Way Acquisition				
Project Location:				
Project Code:	Last Mod. Date:	Subset Sheets:	Sheet No.:	Total No. of Sheets:
16056	2/26/2009	2 of 8	6	16

T. 34 N., R. 9 W., N.M.P.M. (North of the Ute Line)



Marie J. Webb Ranch, LLC (undivided 1/2 Interest)
25146 Lyncastle Lane
Farmington Hills, Michigan 48336

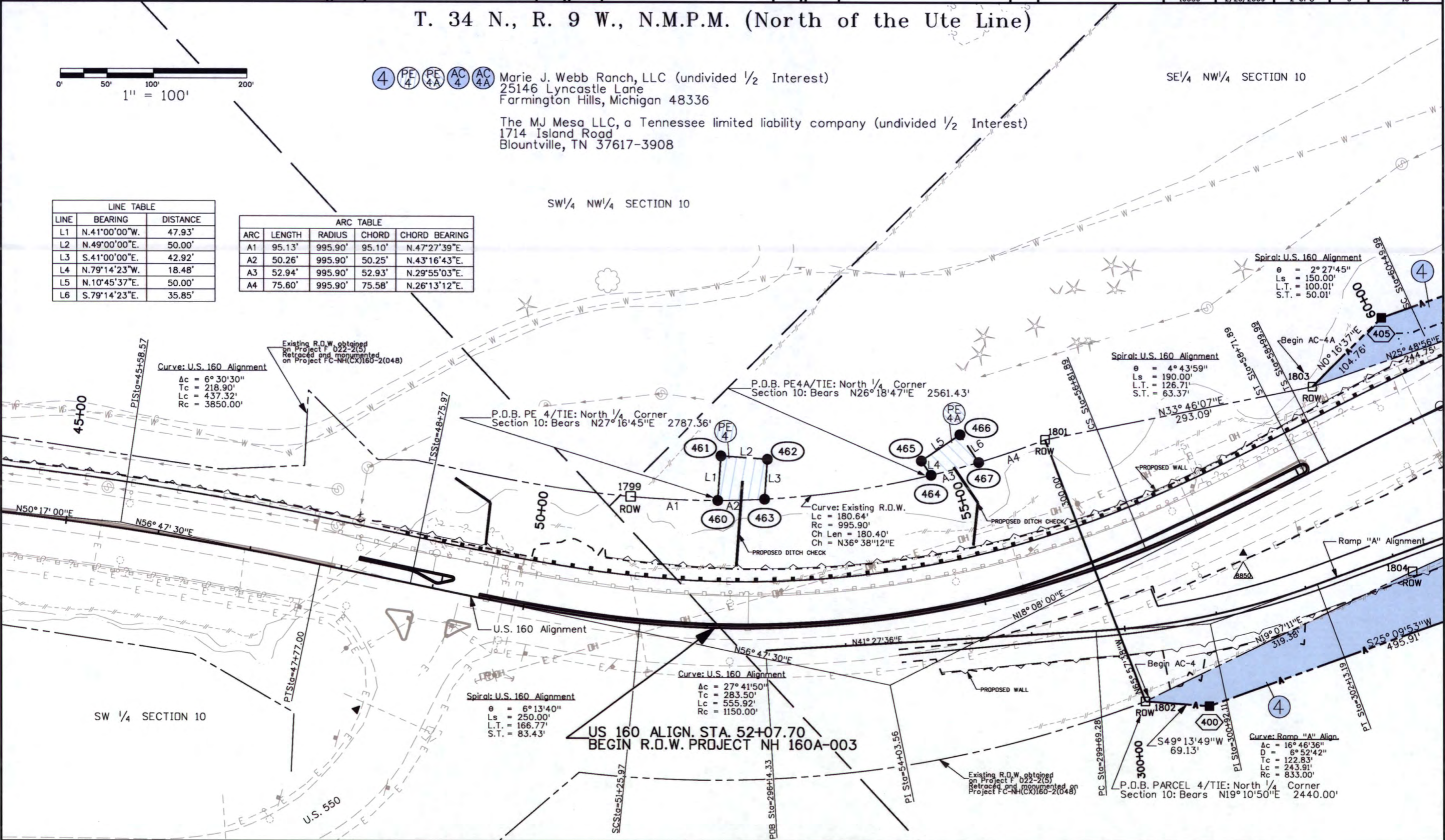
The MJ Mesa LLC, a Tennessee limited liability company (undivided 1/2 Interest)
1714 Island Road
Blountville, TN 37617-3908

SE 1/4 NW 1/4 SECTION 10

SW 1/4 NW 1/4 SECTION 10

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N.41°00'00"W.	47.93'
L2	N.49°00'00"E.	50.00'
L3	S.41°00'00"E.	42.92'
L4	N.79°14'23"W.	18.48'
L5	N.10°45'37"E.	50.00'
L6	S.79°14'23"E.	35.85'

ARC TABLE				
ARC	LENGTH	RADIUS	CHORD	CHORD BEARING
A1	95.13'	995.90'	95.10'	N.47°27'39"E.
A2	50.26'	995.90'	50.25'	N.43°16'43"E.
A3	52.94'	995.90'	52.93'	N.29°55'03"E.
A4	75.60'	995.90'	75.58'	N.26°13'12"E.



Curve: U.S. 160 Alignment
 $\Delta c = 6^\circ 30' 30''$
 $Tc = 218.90'$
 $Lc = 437.32'$
 $Rc = 3850.00'$

Spiral: U.S. 160 Alignment
 $\theta = 6^\circ 13' 40''$
 $Ls = 250.00'$
 $L.T. = 166.77'$
 $S.T. = 83.43'$

Curve: U.S. 160 Alignment
 $\Delta c = 27^\circ 41' 50''$
 $Tc = 283.50'$
 $Lc = 555.92'$
 $Rc = 1150.00'$

Spiral: U.S. 160 Alignment
 $\theta = 4^\circ 43' 59''$
 $Ls = 190.00'$
 $L.T. = 126.71'$
 $S.T. = 63.37'$

Curve: Ramp "A" Align.
 $\Delta c = 16^\circ 46' 36''$
 $D = 6^\circ 52' 42''$
 $Tc = 122.83'$
 $Lc = 243.91'$
 $Rc = 833.00'$

US 160 ALIGN. STA. 52+07.70
BEGIN R.O.W. PROJECT NH 160A-003



3803 North Main Avenue, Suite 300
Durango, CO 81301
Phone: 970-385-1421 FAX: 970-385-1410

Region 5

JMW

Sheet Revisions

Date	Description	Initials
08/07	Added Permanent Easements PE 5 and PE 7	TCJ
10/07	Revised Parcel 8	TCJ
12/07	Changed Owner Name for Parcel 4, PE-4, PE-4A, AC-4 & AC-4A	TCJ
12/07	Deleted PE 5	TCJ
2/26/09	Changed Sheet No. from 6 to 7	TCJ

Sheet Revisions

Date	Description	Initials
mm/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/yy	XXXXXXXX	XXX

Right of Way Plans

PLAN SHEET

Project Number: NH 160A-003				
Project Location: US 160 Right of Way Acquisition				
Project Location:				
Project Code:	Last Mod. Date:	Subset Sheets:	Sheet No.:	Total No. of Sheets:
16056	2/26/2009	3 of 8	7	16

T. 34 N., R. 9 W., N.M.P.M. (North of the Ute Line)

PI Sta=69+37.91

Curve: U.S. 160 Alignment

Δc = 52° 50' 30"
Tc = 867.01'
Lc = 1609.34'
Rc = 1745.00'

NE 1/4 NW 1/4 SECTION 10

N75° 54' 00" E

N39° 11' 46" E

N106.79'

N187° 00' 00" E

N61° 56' 28" E

N31° 50' 08" E

N25° 29' 44" E

N25° 48' 56" E

N0° 16' 37" E

N33° 46' 07" E

N24° 41' 00" E

N20° 07' 30" E

S41° 34' 04" W

S59° 35' 23" W

S47° 47' 41" W

S25° 09' 53" W

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

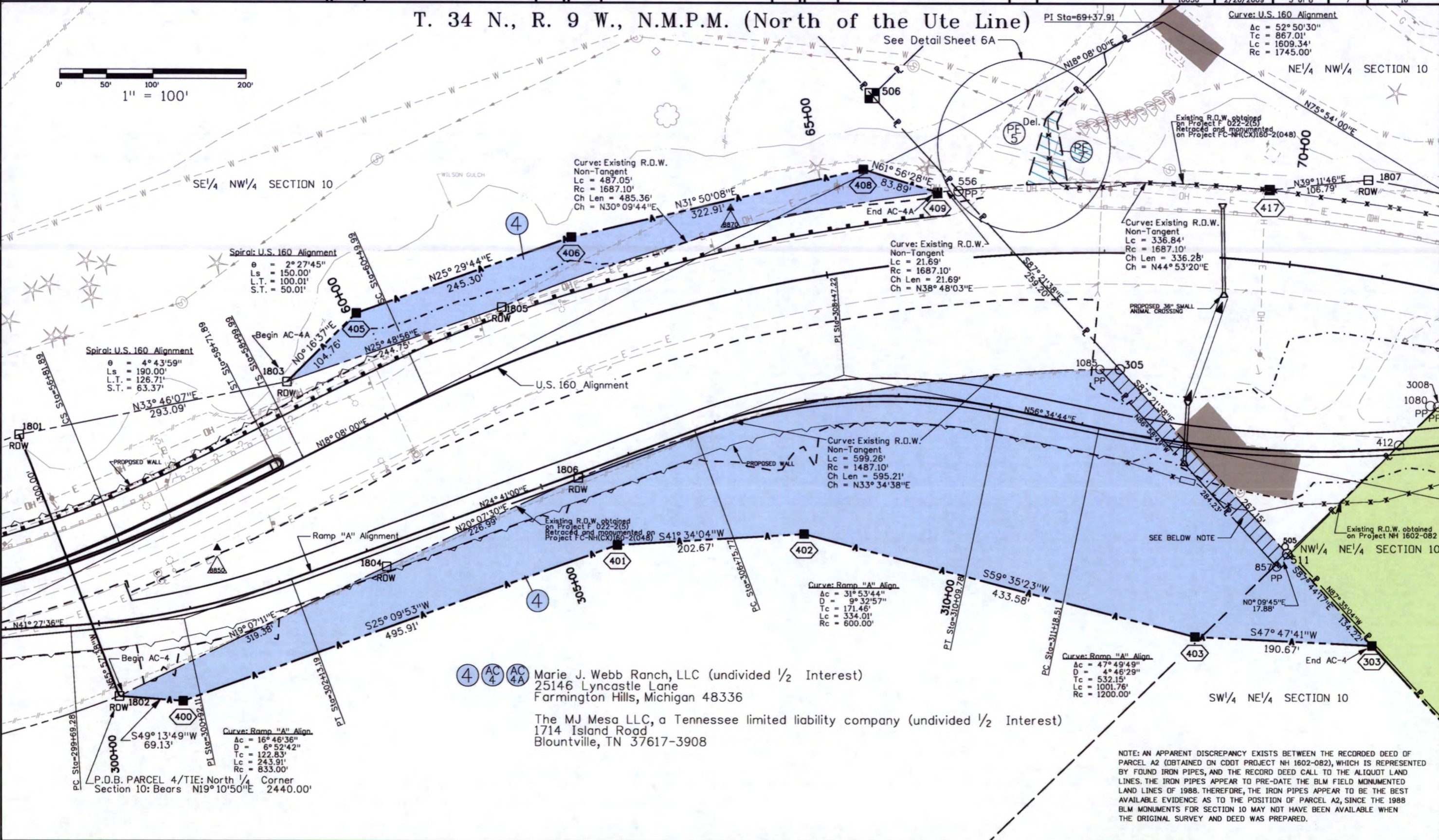
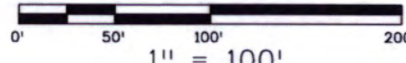
N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

N18° 08' 00" E

NOTE: AN APPARENT DISCREPANCY EXISTS BETWEEN THE RECORDED DEED OF PARCEL A2 (OBTAINED ON CDDT PROJECT NH 1602-082), WHICH IS REPRESENTED BY FOUND IRON PIPES, AND THE RECORD DEED CALL TO THE ALIQUOT LAND LINES. THE IRON PIPES APPEAR TO PRE-DATE THE BLM FIELD MONUMENTED LAND LINES OF 1988. THEREFORE, THE IRON PIPES APPEAR TO BE THE BEST AVAILABLE EVIDENCE AS TO THE POSITION OF PARCEL A2, SINCE THE 1988 BLM MONUMENTS FOR SECTION 10 MAY NOT HAVE BEEN AVAILABLE WHEN THE ORIGINAL SURVEY AND DEED WAS PREPARED.



4 AC 4 Marie J. Webb Ranch, LLC (undivided 1/2 Interest)
25146 Lyncastle Lane
Farmington Hills, Michigan 48336

4 AC 4A The MJ Mesa LLC, a Tennessee limited liability company (undivided 1/2 Interest)
1714 Island Road
Blountville, TN 37617-3908

Sheet Revisions		
Date	Description	Initials
08/07	Added Permanent Easements PE 5 and PE 7	TCJ
12/07	Deleted PE 5	TCJ
2/26/09	Changed Sheet No. from 6A to 7A	TCJ

Sheet Revisions		
Date	Description	Initials
	XXXXXXXX	XXX

Sheet Revisions		
Date	Description	Initials
	XXXXXXXX	XXX

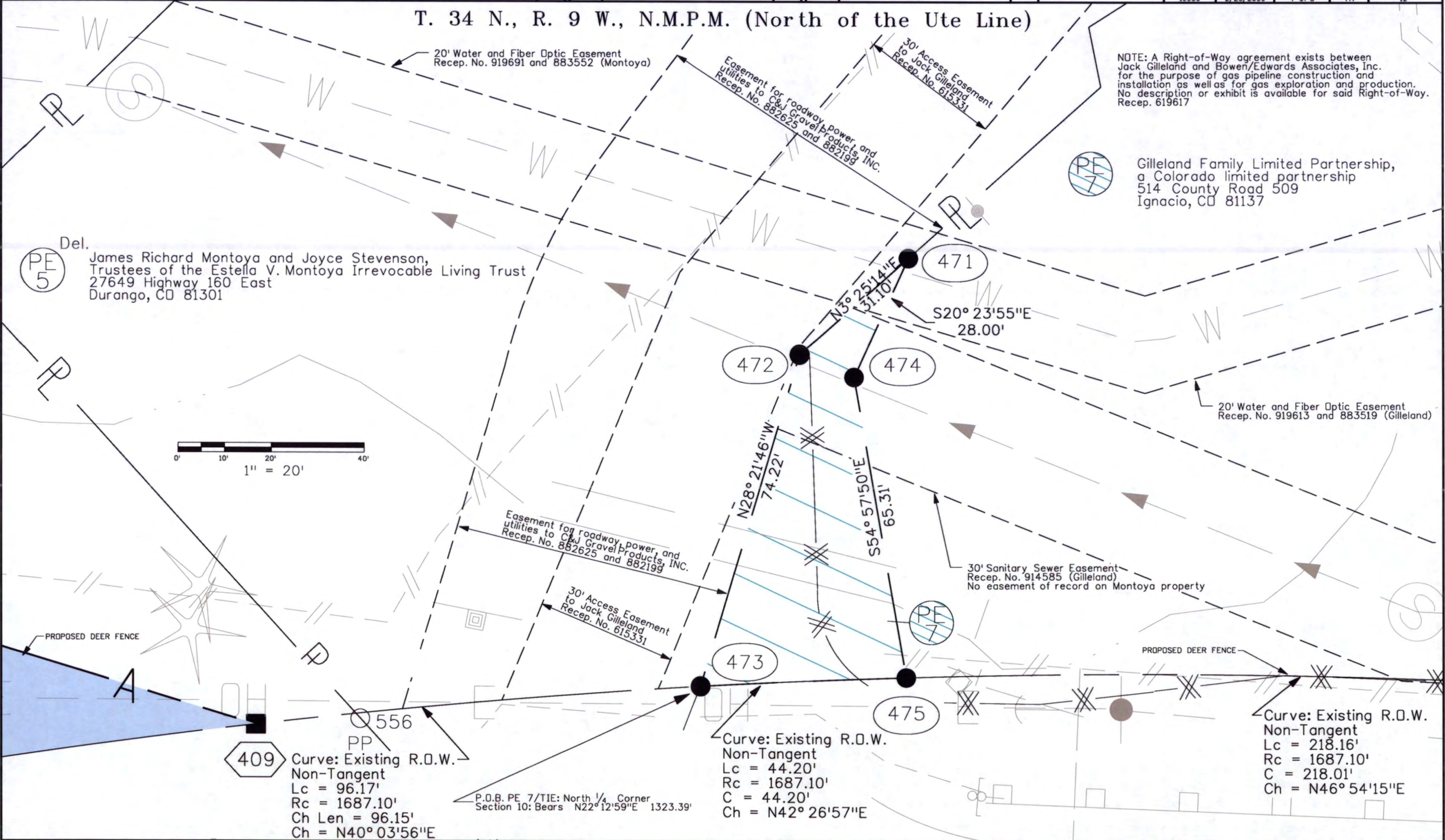
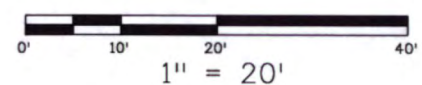
Right of Way Plans				
PLAN SHEET				
Project Number: NH 160A-003				
Project Location: US 160 Right of Way Aquisition				
Project Location:				
Project Code:	Last Mod. Date:	Subset Sheets:	Sheet No.:	Total No. of Sheets:
16056	2/26/2009	4 of 8	7A	12

T. 34 N., R. 9 W., N.M.P.M. (North of the Ute Line)

NOTE: A Right-of-Way agreement exists between Jack Gilleland and Bowen/Edwards Associates, Inc. for the purpose of gas pipeline construction and installation as well as for gas exploration and production. No description or exhibit is available for said Right-of-Way. Recep. 619617

Gilleland Family Limited Partnership, a Colorado limited partnership
 514 County Road 509
 Ignacio, CO 81137

Del. James Richard Montoya and Joyce Stevenson, Trustees of the Estella V. Montoya Irrevocable Living Trust
 27649 Highway 160 East
 Durango, CO 81301



409 Curve: Existing R.O.W. Non-Tangent
 Lc = 96.17'
 Rc = 1687.10'
 Ch Len = 96.15'
 Ch = N40° 03'56"E

473 Curve: Existing R.O.W. Non-Tangent
 Lc = 44.20'
 Rc = 1687.10'
 C = 44.20'
 Ch = N42° 26'57"E

Curve: Existing R.O.W. Non-Tangent
 Lc = 218.16'
 Rc = 1687.10'
 C = 218.01'
 Ch = N46° 54'15"E

P.O.B. PE 7/TIE: North 1/4 Corner Section 10: Bears N22° 12'59"E 1323.39'



3803 North Main Avenue, Suite 300
Durango, CO 81301
Phone: 970-385-1421 FAX: 970-385-1410

Region 5

JMW

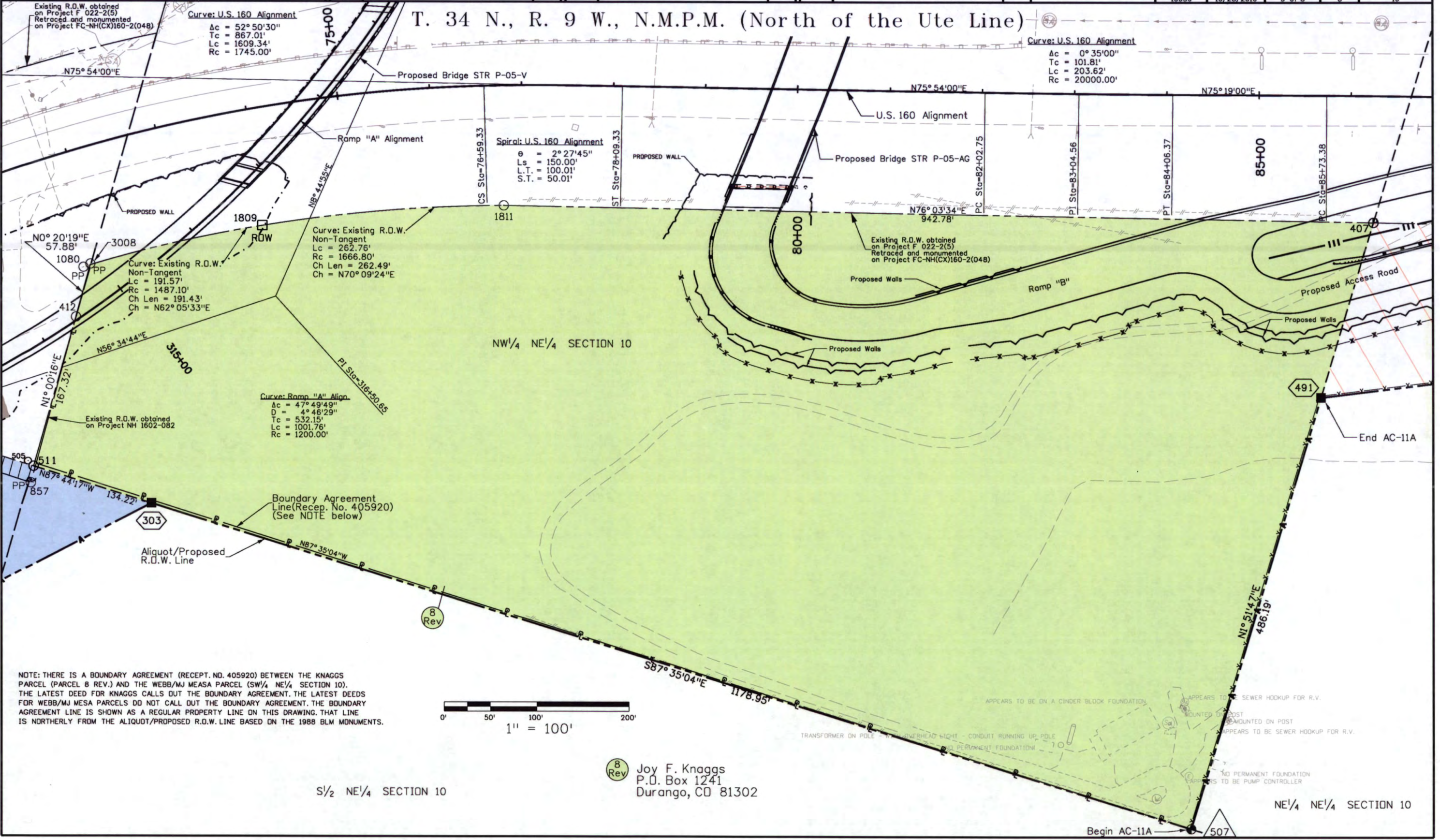
Sheet Revisions		
Date	Description	Initials
10/07	Revised Parcel 8	TCJ
12/07	Updated building locations on Parcel 8 Added property boundary from boundary agreement on Parcel 8	TCJ
2/26/09	Changed Sheet No. from 7 to 8 Added new design	TCJ

Sheet Revisions		
Date	Description	Initials
5/1/09	Revised Parcel 11A. Added new design.	TCJ
5/4/09	Added archaeological sites on BLM property. Added AC-11A.	TCJ
10/28/10	Deleted archaeological sites on BLM property. Inserted current design file.	TCJ

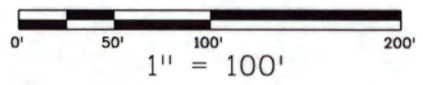
Sheet Revisions		
Date	Description	Initials
mm/yy	XXXXXXXX	XXX



Right of Way Plans				
PLAN SHEET				
Project Number: NH 160A-003				
Project Location: US 160 Right of Way Acquisition				
Project Codes: Last Mod. Date Subset Sheets Sheet No. Total No. of Sheets				
16056	10/28/2010	5 of 8	6	16



NOTE: THERE IS A BOUNDARY AGREEMENT (RECEPT. NO. 405920) BETWEEN THE KNAGGS PARCEL (PARCEL 8 REV.) AND THE WEBB/MJ MESA PARCEL (SW 1/4 NE 1/4 SECTION 10). THE LATEST DEED FOR KNAGGS CALLS OUT THE BOUNDARY AGREEMENT. THE LATEST DEEDS FOR WEBB/MJ MESA PARCELS DO NOT CALL OUT THE BOUNDARY AGREEMENT. THE BOUNDARY AGREEMENT LINE IS SHOWN AS A REGULAR PROPERTY LINE ON THIS DRAWING. THAT LINE IS NORTHERLY FROM THE ALIQUOT/PROPOSED R.O.W. LINE BASED ON THE 1988 BLM MONUMENTS.



8 Rev Joy F. Knaggs
P.O. Box 1241
Durango, CO 81302

507



3803 North Main Avenue, Suite 300
Durango, CO 81301
Phone: 970-385-1421 FAX: 970-385-1410

Region 5

JMW

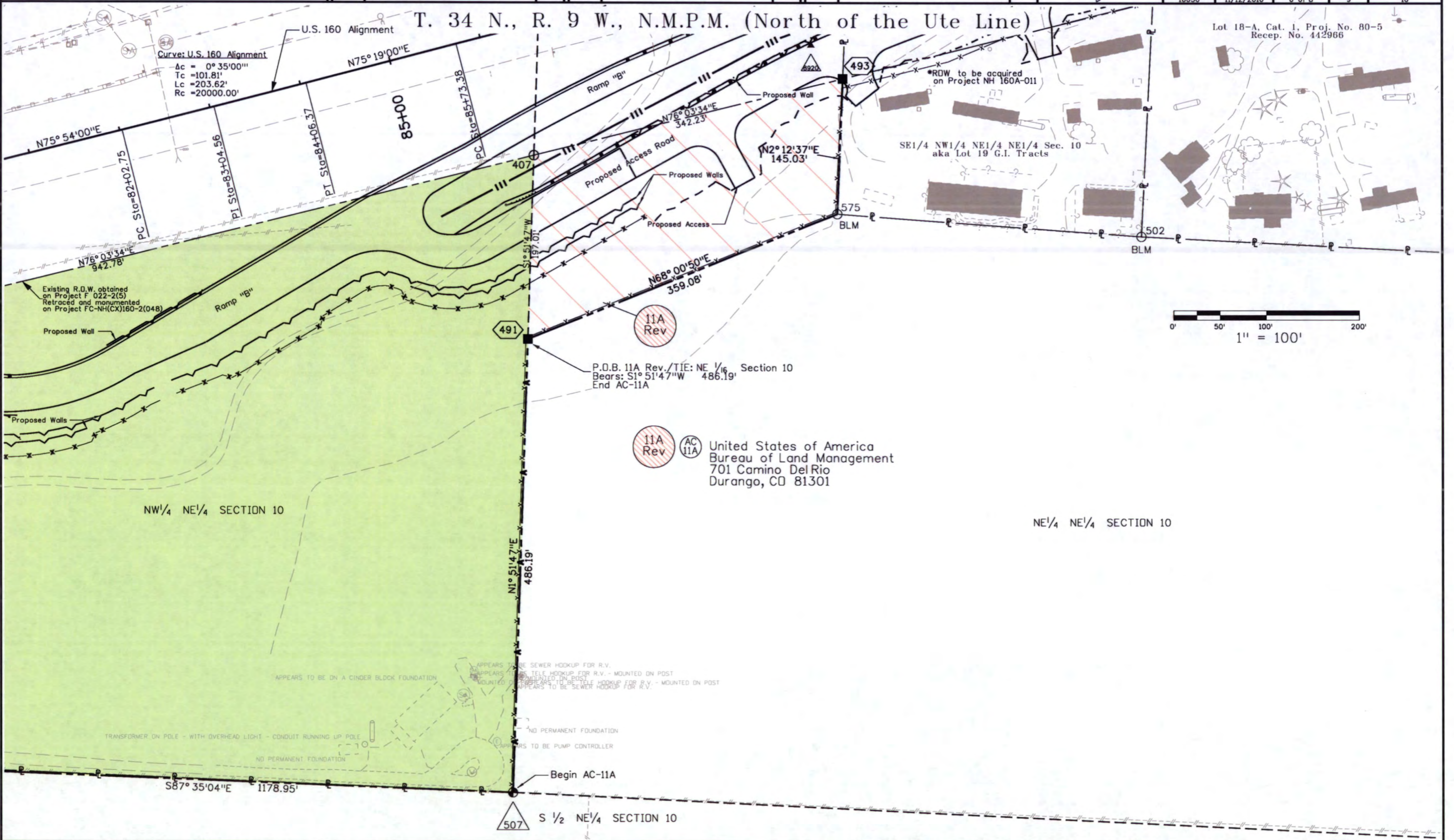
Sheet Revisions		
Date	Description	Initials
2/26/09	Added Parcel 11A	TCJ
	Added new design	
5/1/09	Added archaeological sites on BLM property	TCJ
	Revised Parcel 11A. Added new design.	
	Added AC-11A	
5/4/09	Deleted archaeological sites on BLM property.	TCJ

Sheet Revisions		
Date	Description	Initials
10/28/10	Revised Parcel 11A Rev. and moved PT 493.	TCJ
	Inserted current design file.	
11/12/10	Changed name of "Parcel 11A Rev. 2" to "Parcel 11A Rev."	TCJ

Sheet Revisions		
Date	Description	Initials
mm/yy	XXXXXXXX	XXX



Right of Way Plans				
PLAN SHEET				
Project Number: NH 160A-003				
Project Location: US 160 Right of Way Acquisition				
Project Location:				
Project Code:	Last Mod. Date:	Subset Sheets:	Sheet No.:	Total No. of Sheets:
16056	11/12/2010	6 of 8	9	16





3803 North Main Avenue, Suite 300
 Durango, CO 81301
 Phone: 970-385-1421 FAX: 970-385-1410

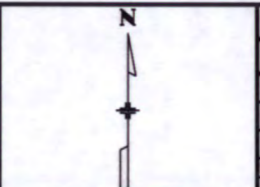
Region 5

JMW

Sheet Revisions		
Date	Description	Initials
2/23/09	Added Parcel 10A and AC-10A	TCJ
	Added new design	
9/17/09	Revised AC-10A	JMW
10/28/09	Revised AC-10A Rev.	TCJ
11/5/10	Removed "Conceptual Bike Path"	TCJ

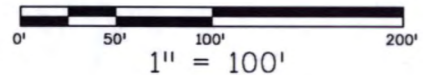
Sheet Revisions		
Date	Description	Initials
	XXXXXXXX	XXX

Sheet Revisions		
Date	Description	Initials
	XXXXXXXX	XXX



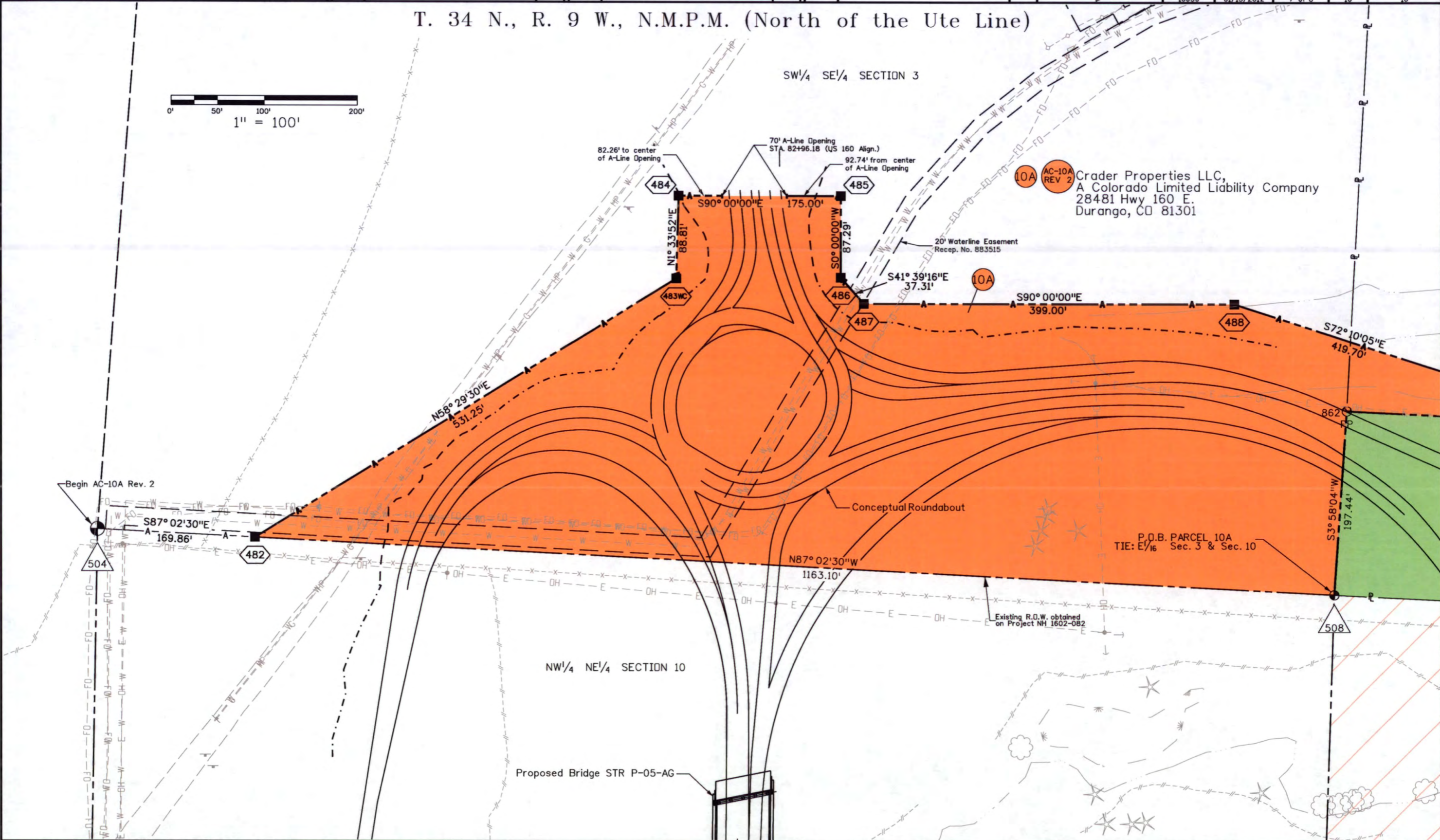
Right of Way Plans				
PLAN SHEET				
Project Number: NH 160A-003				
Project Location: US 160 Right of Way Acquisition				
Project Location:				
Project Code:	Last Mod. Date:	Subset Sheets:	Sheet No.:	Total No. of Sheets:
16056	01/13/2012	7 of 8	10	16

T. 34 N., R. 9 W., N.M.P.M. (North of the Ute Line)



SW 1/4 SE 1/4 SECTION 3

Crader Properties LLC,
 A Colorado Limited Liability Company
 28481 Hwy 160 E.
 Durango, CO 81301





3803 North Main Avenue, Suite 300
Durango, CO 81301
Phone: 970-385-1421 FAX: 970-385-1410

Region 5

JMW

Sheet Revisions

Date	Description	Initials
10/07	Revised Parcel 15	TCJ
10/07	Revised R.O.W. Project End Station	TCJ
2/26/09	Changed Sheet No. from 8 to 11	TCJ
	Added new design, revised owner name and address for Parcel 15 Rev.	
9/17/09	Revised AC-10A	JMW
10/28/09	Revised AC-10A Rev.	TCJ

Sheet Revisions

Date	Description	Initials
10/28/10	Revised PT 580 & PT 493 and added PTs 580 RM-1, 580 RM-2, & 579.	TCJ
	Inserted current design file.	
11/5/10	Removed "Conceptual Bike Path".	TCJ

Sheet Revisions

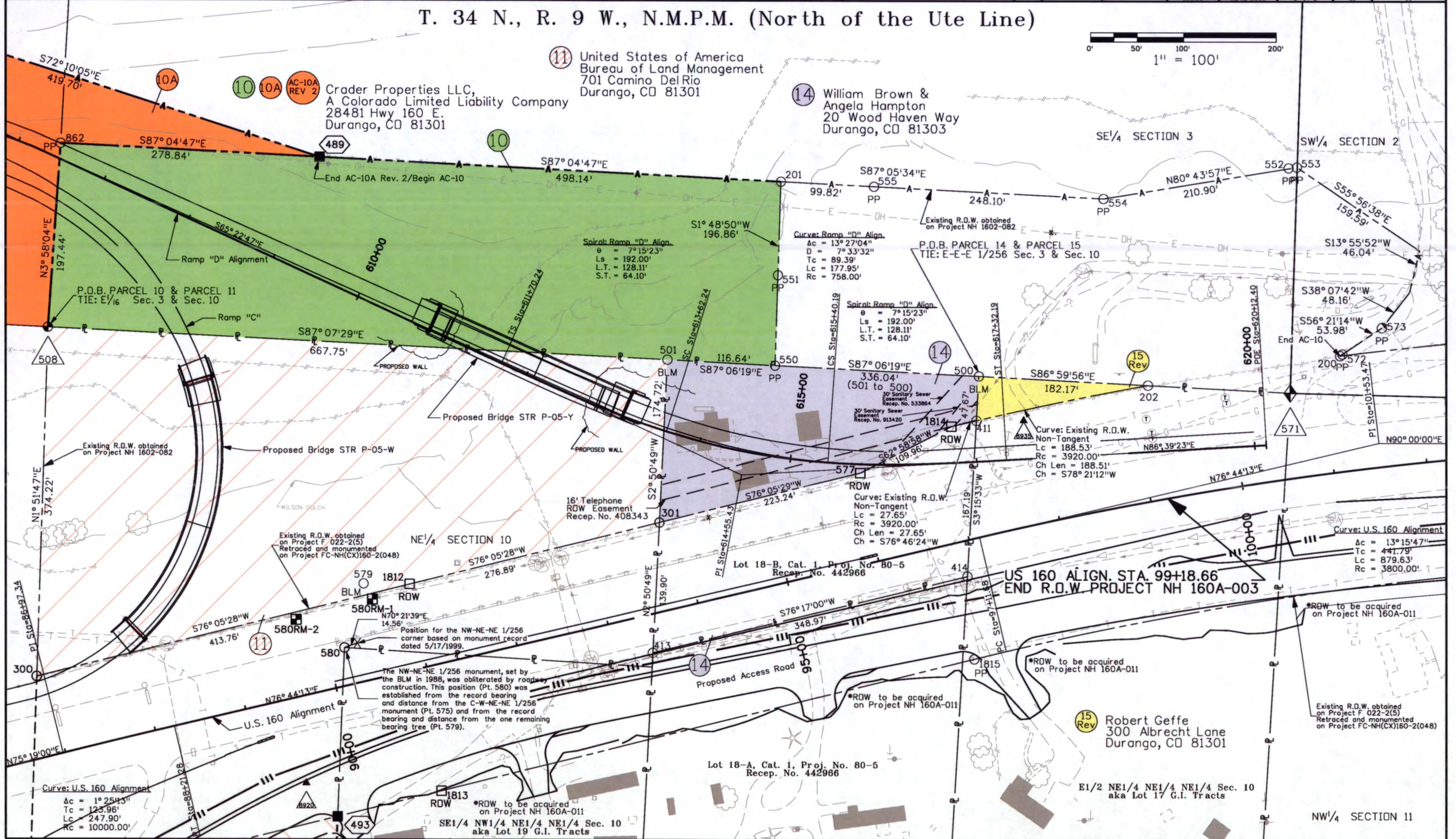
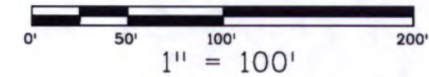
Date	Description	Initials
mm/yy	XXXXXXXX	XXX

Right of Way Plans

PLAN SHEET

Project Number: NH 160A-003				
Project Location: US 160 Right of Way Acquisition				
Project Location:				
Project Code:	Last Mod. Date:	Subset Sheets:	Sheet No.:	Total No. of Sheets:
16056	11/5/2010	8 of 8	11	16

T. 34 N., R. 9 W., N.M.P.M. (North of the Ute Line)



10 Crader Properties LLC,
A Colorado Limited Liability Company
28481 Hwy 160 E.
Durango, CO 81301

11 United States of America
Bureau of Land Management
701 Camino Del Rio
Durango, CO 81301

14 William Brown &
Angela Hampton
20 Wood Haven Way
Durango, CO 81303

15 Robert Geffe
300 Albrecht Lane
Durango, CO 81301

The NW-NE-NE 1/256 monument, set by the BLM in 1988, was obliterated by roadway construction. This position (PT. 580) was established from the record bearing and distance from the C-W-NE-NE 1/256 monument (PT. 575) and from the record bearing and distance from the one remaining bearing tree (PT. 579).

Lot 18-A, Cat. 1, Proj. No. 80-5
Recep. No. 442966

Lot 18-B, Cat. 1, Proj. No. 80-5
Recep. No. 442966

US 160 ALIGN. STA. 99+18.66
END R.O.W. PROJECT NH 160A-003

P.O.B. PARCEL 10 & PARCEL 11
TIE: E-E 1/16 Sec. 3 & Sec. 10

P.O.B. PARCEL 14 & PARCEL 15
TIE: E-E 1/256 Sec. 3 & Sec. 10

End AC-10

Curve: U.S. 160 Alignment
Δc = 13°15'47"
Tc = 441.79'
Lc = 879.63'
Rc = 3800.00'

Curve: Existing R.O.W. Non-Tangent
Lc = 27.65'
Rc = 3920.00'
Ch Len = 188.51'
Ch = S76°46'24"W

Curve: Existing R.O.W. Non-Tangent
Lc = 188.53'
Rc = 3920.00'
Ch Len = 188.51'
Ch = S78°21'12"W

Spiral Ramp "D" Align.
θ = 7°15'23"
Ls = 192.00'
L.T. = 128.11'
S.T. = 64.10'

Curve: Ramp "D" Align.
Δc = 13°27'04"
D = 7°33'32"
Tc = 89.39'
Lc = 177.95'
Rc = 758.00'

S72°10'05"E
419.70'

S87°04'47"E
278.84'

S87°04'47"E
498.14'

S87°05'34"E
99.82'

N80°43'57"E
210.90'

S13°55'52"W
46.04'

S38°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

N3°58'04"E
197.44'

S65°22'47"E

S87°07'29"E
667.75'

S87°06'19"E
116.64'

S87°06'19"E
336.04'

S86°59'56"E
182.17'

S13°55'52"W
46.04'

S38°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

S57°07'42"W
48.16'

S56°21'14"W
53.98'

N1°51'47"E
374.22'

S87°07'29"E
667.75'

S76°05'28"W
276.89'

S76°05'29"W
223.24'

S76°05'29"W
223.24'

S76°17'00"W
348.97'

N76°44'13"E

N76°44'13"E

N76°44'13"E

N76°44'13"E

N76°44'13"E

N76°44'13"E

N76°44'13"E

N76°44'13"E

N76°44'13"E

N76°44'13"E

N76°44'13"E

N76°44'13"E

Curve: U.S. 160 Alignment
Δc = 1°25'43"
Tc = 125.96'
Lc = 247.90'
Rc = 10000.00'

SE1/4 NW1/4 NE1/4 NE1/4 Sec. 10
aka Lot 19 G.I. Tracts

E1/2 NE1/4 NE1/4 NE1/4 Sec. 10
aka Lot 17 G.I. Tracts

NW1/4 SECTION 11



Sheet Revisions		
Date	Description	Initials
08/07	Added PE-5 and PE-7	TCJ
10/07	Revised Parcel 8 and 15	TCJ
12/07	Changed Owner Name for Parcel 4, PE-4, PE-4A, AC-4 & AC-4A	TCJ
12/07	Deleted PE-5	TCJ
2/26/09	Added Parcel 10A and Parcel 11A	TCJ
	Revised owner name and address for Parcel 15 Rev.	

Sheet Revisions		
Date	Description	Initials
5/1/09	Revised Parcel 11A. Added AC-11A	TCJ
10/28/10	Revised Parcel 11A Rev.	TCJ
11/12/10	Changed name of "Parcel 11A Rev. 2" to "Parcel 11A Rev."	TCJ

Sheet Revisions		
Date	Description	Initials
mm/yy	XXXXXXXX	XXX



Right of Way Plans				
Ownership Sheet				
Project Number: NH 160A-003				
Project Location: US 160 Right of Way Acquisition				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
16056	11/12/2010	1 of 1	12	16

T. 34 N., R. 9 W., N.M.P.M. (North of the Ute Line)

