

Colorado Department of Transportation



3803 North Main Avenue
Suite 300
Durango, CO 81301
Phone: 970-385-1400 FAX: 970-385-1410

Region 5

TCJ

Sheet Revisions

Date mm/dd/yy	Description XXXXXXXX	Initials XXX

Sheet Revisions

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Right of Way Plans

Title Sheet

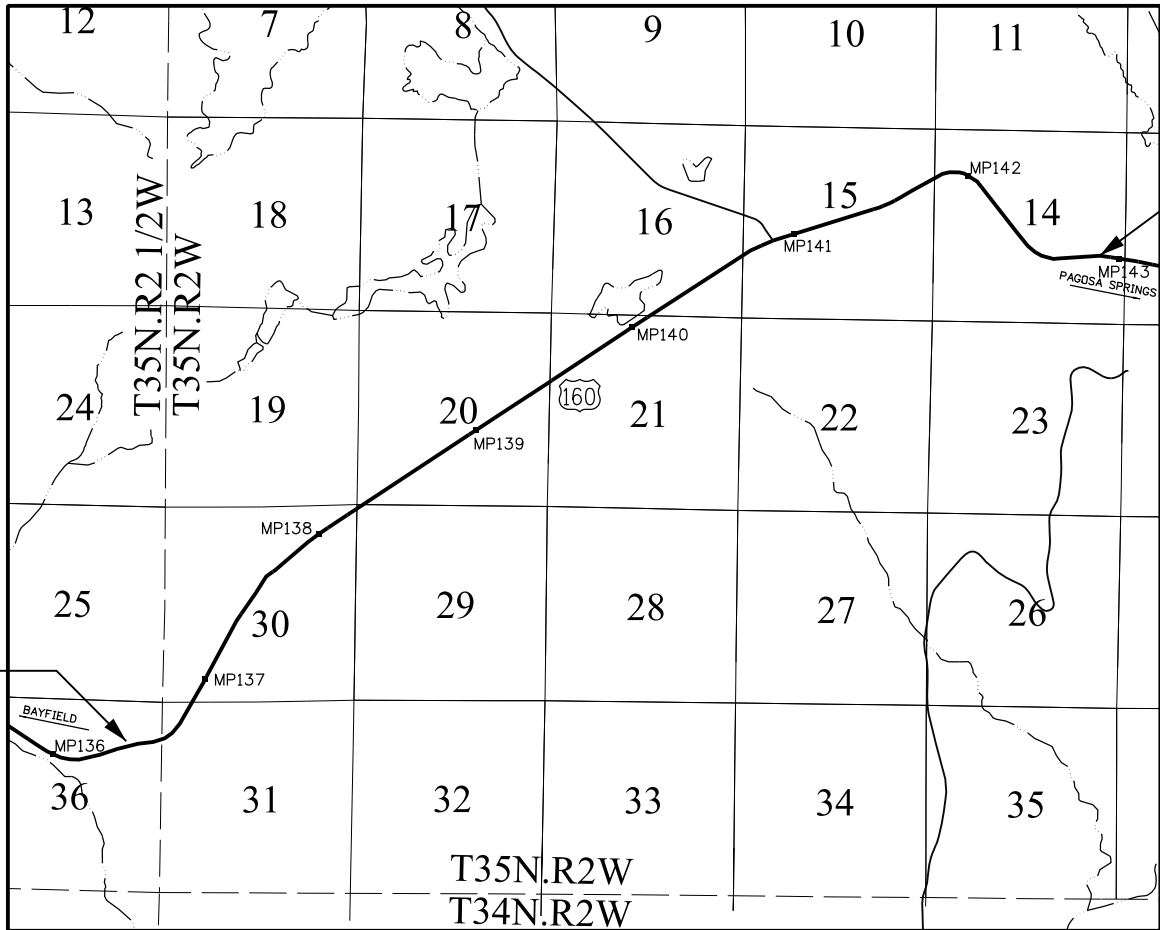
Project Number: FSA 1602-132			
Project Location: R5 FASTER PRI CULVERTS NEAR PAGOSA SPGS			
US Highway 160 - MP 136.61 & MP 142.77			
Project Code: 18334	Last Mod. Date: 1-24-2012	Sheet No. 1.01	

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED
PROJECT NO. FSA 1602-132
U.S. HIGHWAY NO. 160
ARCHULETA COUNTY

SITE 1 - M.P. 136.61 (SECTION 36, T.35N., R.21/2W., N.M.P.M.)

SITE 2 - M.P. 142.77 (SECTION 14, T.35N., R.2W., N.M.P.M.)



SITE 1
ROW Project
M.P. 136.61

SITE 2
ROW Project
M.P. 142.77

SHEET NO.

1.01
2.01
4.01-4.03
5.01
7.01-7.04
8.01-8.02

INDEX OF SHEETS

(1) Title Sheet
(1) Tabulation of Properties
(NA) Project Control Diagram
(3) Land Survey Control Diagram
(1) Monumentation Sheets
(NA) Tabulation of Road Approach Sheets
(4) Plan Sheets
(2) Ownership Map

(12) Total Sheets

Scales of Original 11x17 Drawings
Land Survey Control Diagram 1"=300'
Plan Sheets 1"=50'
Ownership Map 1"=500'

Basis of Bearings: Bearings used in the calculations of coordinates are based on a state plane grid bearing of N66°28'47.5"E from CM-MP 133.5 a CDDT 3 1/4" Brass disk in a concrete post to NGS monument 2V1 B, a 3 1/4" Brass disk in a concrete post.

Project control used on this project was established by Woolpert, INC. (dated June 21, 2011). The Project Control Diagram can be obtained at the C.D.O.T. Region 5 North Campus in Durango from the Region 5 Survey Coordinator.

1. This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.

2. For title information, The Colorado Department of Transportation relied on Title Commitment No. AR21102528, prepared by Colorado Land Title, for Parcel RW-1.

3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDDT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

COLORADO DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY PROJECT

ROW PLANS AUTHORIZED:

DATE

CDDT RIGHT OF WAY MANAGER

SURVEYOR STATEMENT (ROW PLAN)

I, Todd C. Johnston, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, research, calculations and evaluation of the survey evidence were performed and this Right-of-Way Plan was prepared under my responsible charge in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

PLS No. 37932

PROJECT LOCATION MAP



SCALE: 1"=1 MILE
Lineal Units = U.S. Survey feet



Note: For a complete listing of symbology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006. Existing features are shown as screened weight (gray scale), except as noted with the word (existing). Proposed or new features are shown as full weight without screening, except as noted with the word (proposed).

SURVEY/ROW

TOP OF CUT
TDE OF FILL

TERRAIN

FILING CERTIFICATION: DAY OF _____, 20____, AT _____ M.,
DEPOSITED THIS _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
IN BOOK _____, RECEPTION NUMBER _____
SURVEYS AT PAGE _____
SIGNED _____ DEPT. _____

1/24/2012 \$PLOT_INFD\$

[illegible]

DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

LAND SURVEY CONTROL DIAGRAM

U.S. Highway No.160

SITE 1 - MP 136.4 to 136.8

SECTION 36, T.35N., R.2 1/2W.

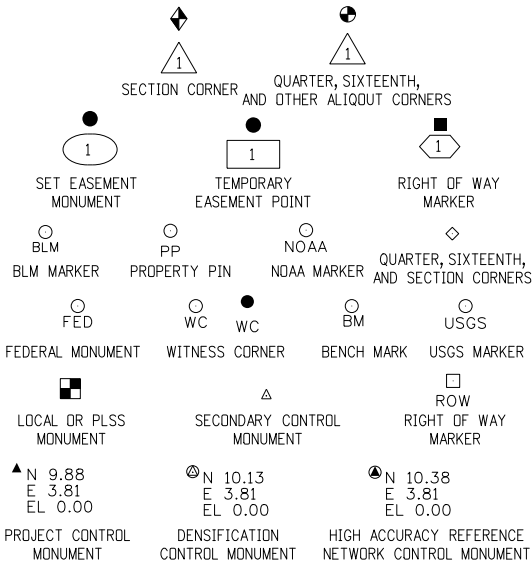
&

SECTION 31, T.35N., R.2W.

of the N.M.P.M.

County of Archuleta

SHEET NO.	INDEX OF SHEETS
4.01	(1) Title Sheet
4.02	(1) Monument Coordinate Tables
4.03	(1) Plan Sheet
	(3) Total Sheets



General Notes:

1. This Land Survey ControlDiagram is not a boundary survey of the adjoining properties and is prepared for the Colorado Department of Transportation purposes only.
2. For Title information, The Colorado Department of Transportation relied on Title Commitments prepared by Colorado Land Title.
3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an originalsignature of the ProfessionalLand Surveyor hereon named.
4. Refer to the M-629-1 Survey Monuments of the Standard Plans dated July, 2006 found in The Colorado Department of Transportation, M & S Standards for typicalsurvey monument descriptions.
5. AllCoordinates listed are PROJECT COORDINATES only. Coordinates are carried out to two decimalplaces for calculations purposes and do not represent survey precision. Survey precision meets C.D.O.T. "B" order precision.

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N66°28'47.5"E from CM-MP 133.5 A CDOT 3 1/4" Brass disk in a concrete post to NGS POINT 2V1 B, a 3 1/4" Brass disk in a concrete post. The survey data was obtained from a GlobalPositioning System (GPS) survey base on the Colorado High AccuracyReference Network (CHARN).

Project controlused on this project was established by Woolpert, Inc. The Project ControlDiagram can be obtained at the C.D.O.T. Region 5 North Campus in Durango from the Region 5 Survey Coordinator.

NOTICE: According to Colorado law you must commence any legalaction based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

Note: For a complete listing of symbology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening.

SURVEYOR STATEMENT (LAND SURVEY CONTROL DIAGRAM)

I, Todd C. Johnston, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Land Survey Control Diagram was prepared and the field survey it represents was performed under my responsible charge and, based upon my knowledge, information and belief is in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

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Land Survey Control Diagram

Monument Coordinate Tables

Project Number: FSA 1602-132				
Project Location: R5 FASTER PRI CULVERTS NEAR PAGOSA SPGS				
US Highway 160 - MP 136.61				
Project Code:	Last Mod. Date	Subset	Sheet No.	
18334	1-24-2012	4.01 of 4.03	4.02	



FOUND ALIQUOT MONUMENT COORDINATE TABLE

Point No.	Northing (ft)	Easting (ft)	Description
500	551452.14	1220045.49	3 1/4" ALUMINIUM CAP ON 2" POST STAMPED 1/4 S36 S31 J REED LS20691, projected 0.6' above ground
501	554053.10	1220075.91	8"X8"X16" SANDSTONE (5 NOTCHES NORTH -1 NOTCH SOUTH), projected 1.0' above ground



FOUND BOUNDARY MONUMENT COORDINATE TABLE (Non-controlling)

Point No.	Northing (ft)	Easting (ft)	Description
200	552976.35	1220117.82	1/2" REBAR WITH 1" RED PLASTIC CAP STAMPED LS 18970, projected 0.2' above ground
202	552951.74	1220062.88	1.5" Aluminium cap STAMPED J REED & ASSOC LS 20691, projected 0.5' above ground



ROW

FOUND R.O.W. MONUMENT COORDINATE TABLE

Point No.	Northing (ft)	Easting (ft)	Description
250	552989.47	1219265.78	1.5" Aluminum cap stamped COLO DIV HWYS ROW CS 782+74.6, projected 0.2' above ground
251	553026.98	1219593.35	1.5" Aluminum cap stamped COLO DIV HWYS ROW TS 786+00.1, projected 0.2' above ground
252	553059.15	1219881.57	1.5" Aluminum cap stamped COLO DIV HWYS ROW SC 789+00.1, projected 0.3' above ground
253	553363.98	1220355.16	1.5" Aluminum cap stamped COLO DIV HWY ROW CS 795+12.0 (DISTURBED), projected 0.4' above ground
254	553540.51	1220629.35	1.5" Aluminum cap stamped COLO DIV HWYS ROW 798+12.0,projected 0.4' above ground
255	553263.52	1220479.51	1.5" Aluminum cap stamped COLO DIV HWYS ROW CS 795+12.0, projected 0.4' above ground
256	552938.40	1219025.85	1.5" Aluminum cap stamped COLO DIV HWYS ROW SC 780+36.6, projected 0.5' above ground
257	552846.17	1218736.12	1.5" Aluminum cap stamped COLO DIV HWYS ROW TS 777+36.6, projected 0.5' above ground
258	552808.35	1219060.83	1.5" Aluminum cap stamped COLO DIV HWYS ROW SC 780+36.6 (DISTURBED), flush with ground
259	553607.75	1220512.37	1.5" Aluminum cap stamped COLO DIV HWYS ROW 798+12.0, projected 0.2' above ground
260	552904.41	1219921.27	1/2" REBAR (NO CAP), projected 0.5' above ground
261	552876.70	1219808.78	1.5" Aluminum cap stamped COLO DIV HWYS ROW PIS 788+00.4, projected 0.2' above ground
262	552841.61	1219289.68	1.5" Aluminum cap stamped COLO DIV HWYS ROW CS 782+74.6, projected 0.2' above ground

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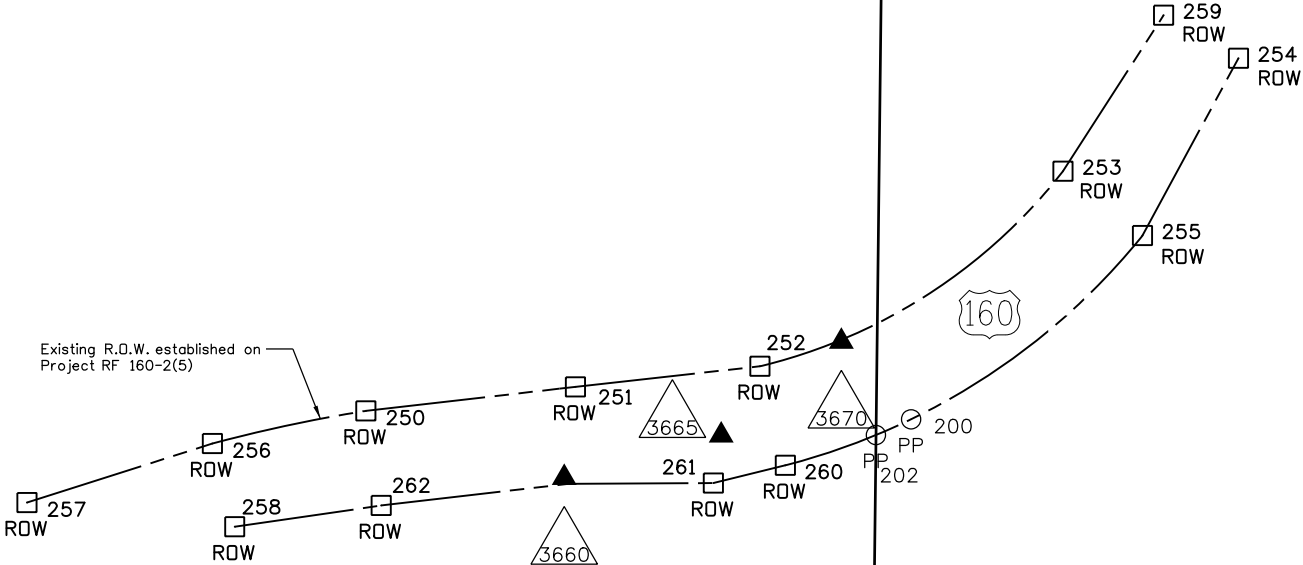
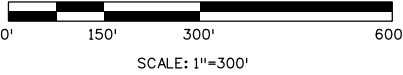
Land Survey Control Diagram

Plan Sheet

Project Number: FSA 1602-132			
Project Location: R5 FASTER PRI CULVERTS NEAR PAGOSA SPGS			
US Highway 160 - MP 136.61			
Project Code:	Last Mod. Date:	Subset	Sheet No.
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T. 35 N., R. 2 1/2 W., N.M.P.M.
SECTION 36

T. 35 N., R. 2 W., N.M.P.M.
SECTION 31



SECTION 36 T 35 N R 2 1/2 W
SECTION 31 T 35 N R 2 W

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Right of Way Plans

Monumentation Sheet

Project Number: FSA 1602-132				
Project Location: R5 FASTER PRI CULVERTS NEAR PAGOSA SPGS				
US Highway 160 - MP 136.61 & MP 142.77				
Project Code:	Last Mod. Date	Subset	Sheet No.	
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TABULATION OF R.O.W. MONUMENTS TO BE SET (SITE 1 - MP 136.61)					
Point No.	Northing (ft)	Easting (ft)	Description	Station	Offset
400	552875.42	1219582.19	Type I CDOT Monument - PLS 37932		
401	553024.17	1219568.15	Type I CDOT Monument - PLS 37932		
402	553111.94	1219676.23	Type I CDOT Monument - PLS 37932		
403	553118.50	1219735.87	Type I CDOT Monument - PLS 37932		



XX

TABULATION OF TEMPORARY EASEMENT POINTS TO BE STAKED (SITE 1 - MP 136.61)					
Point No.	Northing (ft)	Easting (ft)	Description	Station	Offset
600	552876.06	1219695.47			
601	552799.56	1219703.08			
602	552805.50	1219762.78			
603	552876.40	1219755.73			
TABULATION OF TEMPORARY EASEMENT POINTS TO BE STAKED (SITE 2 - MP 142.77)					
Point No.	Northing (ft)	Easting (ft)	Description	Station	Offset
604	566405.66	1245236.28			
605	566380.40	1245255.53			
606	566414.35	1245299.59			
607	566559.16	1245426.82			
608	566570.85	1245425.21			
609	566575.13	1245456.33			
610	566563.17	1245456.03			
611	566580.38	1245494.56			
612	566568.01	1245496.26			

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	5	5(S)	6
REFERENCE										
ROW	4									
CONTROL										
ALIQUOT CORNER										
PERMANENT EASEMENT										
PROJECT POINTS										
WITNESS POST (REQUIRED)										

General Notes:

- All centerline and offset stationing may not represent the centerline as constructed in the field.
- Refer to the M-629-1 Survey Monuments of the Standard Plans dated July, 2006 found in The Colorado Department of Transportation, M & S Standards for survey monument descriptions.
- This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
- Type I Monuments are 3 1/4" aluminum caps with magnet set on 3/4" x 36" aluminum finned rod.

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

SURVEYOR STATEMENT (R.O.W. MONUMENTS)

I, Todd C. Johnston, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, adequate research, calculations and evaluation of survey evidence were performed and the Right-of-Way monuments depicted on this Right-of-Way Plan were set under my responsible charge in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

PLS No. 37932



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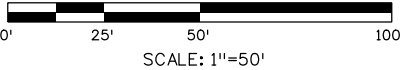
Right of Way Plans

Plan Sheet

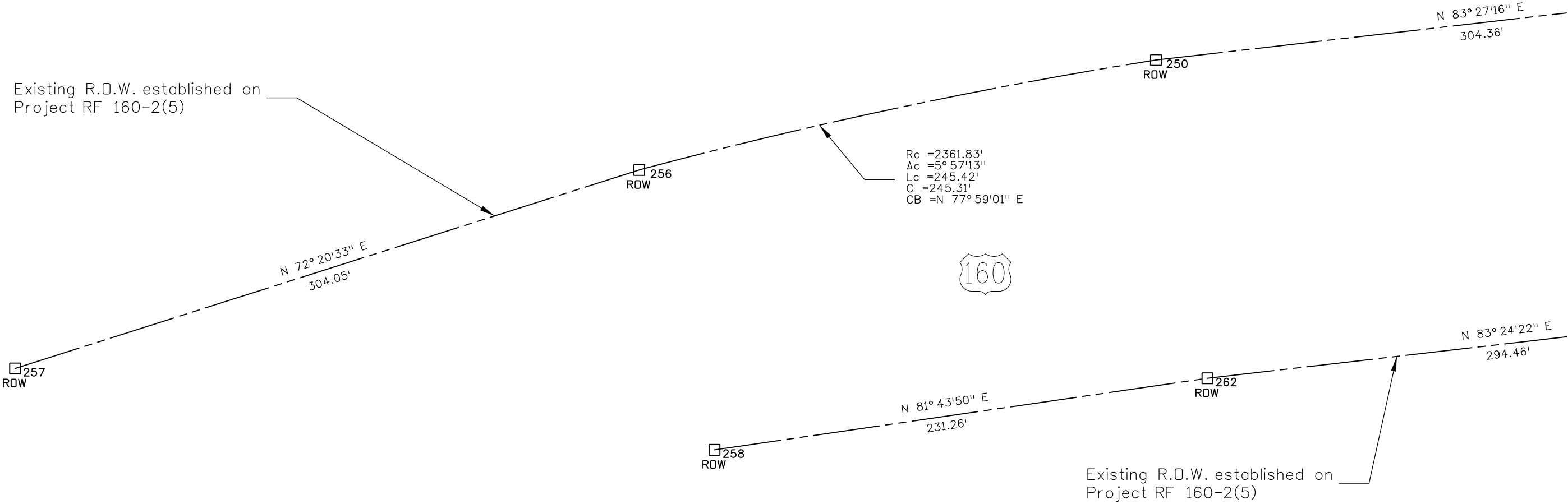
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Project Location: RS FASTER PRI CULVERTS NEAR PAGOSA SPGS				
US Highway 160 - MP 136.61				
Project Code:	Last Mod. Date:	Subset	Sheet No.	
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SITE 1

T. 35 N., R. 2 1/2 W., N.M.P.M.
SECTION 36



Existing R.O.W. established on
Project RF 160-2(5)



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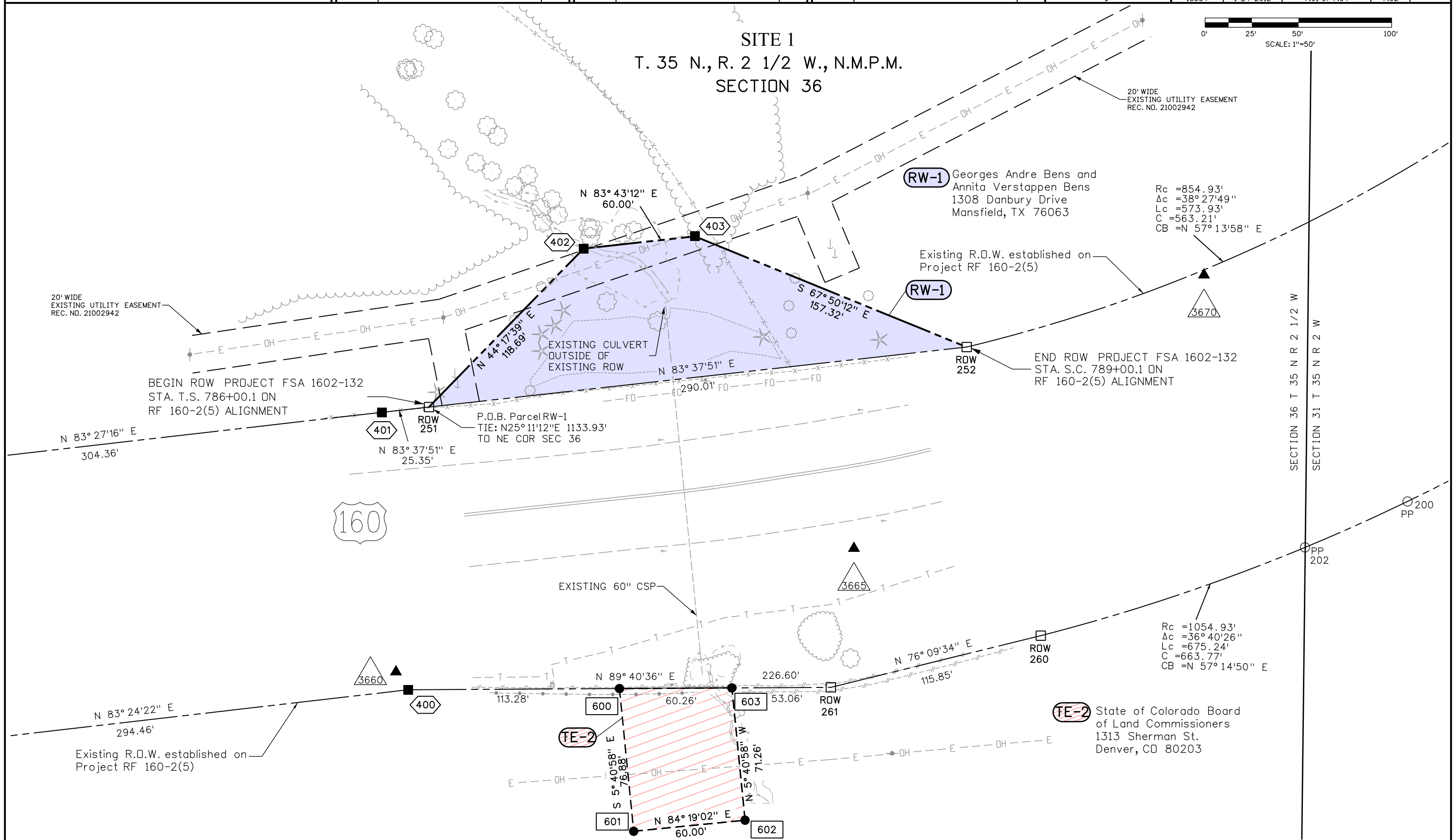
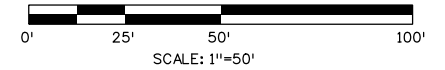
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Right of Way Plans

Plan Sheet

Project Number: FSA 1602-132			
Project Location: R5 FASTER PRI CULVERTS NEAR PAGOSA SPGS			
US Highway 160 - MP 136.61			
Project Code: 18334	Last Mod. Date: 1-24-2012	Subset: 7.01 of 7.04	Sheet No.: 7.02

SITE 1
T. 35 N., R. 2 1/2 W., N.M.P.M.
SECTION 36



Colorado Department of Transportation



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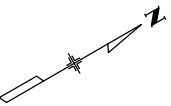
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Date	Description	Initials
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Sheet Revisions

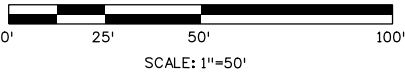
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Right of Way Plans

Plan Sheet

Project Number: FSA 1602-132			
Project Location: R5 FASTER PRI CULVERTS NEAR PAGOSA SPGS			
US Highway 160 - MP 136.61			
Project Code:	Last Mod. Date	Subset	Sheet No.
18334	1-24-2012	7.01 of 7.04	7.03



SITE 1
T. 35 N., R. 2 W., N.M.P.M.
SECTION 31

SECTION 36 T 35 N R 2 1/2 W
SECTION 31 T 35 N R 2 W

Rc =854.93'
Δc =38° 27'49"
Lc =573.93'
C =563.21'
CB =N 57° 13'58" E

Existing R.O.W. established on
Project RF 160-2(5)

200
PP

253
ROW

N 32° 49'06" E
290.07'

259
ROW



Rc =1054.93'
Δc =36° 40'26"
Lc =675.24'
C =663.77'
CB =N 57° 14'50" E

Existing R.O.W. established on
Project RF 160-2(5)

255
ROW

N 28° 24'43" E
314.92'

254
ROW

Colorado Department of Transportation



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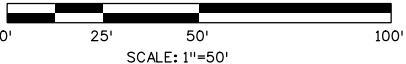
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Right of Way Plans

Plan Sheet

Project Number: FSA 1602-132			
Project Location: R5 FASTER PRI CULVERTS NEAR PAGOSA SPGS			
US Highway 160 - MP 142.77			
Project Code: 18334	Last Mod. Date: 2-8-2012	Subset: 7.01 of 7.04	Sheet No.: 7.04

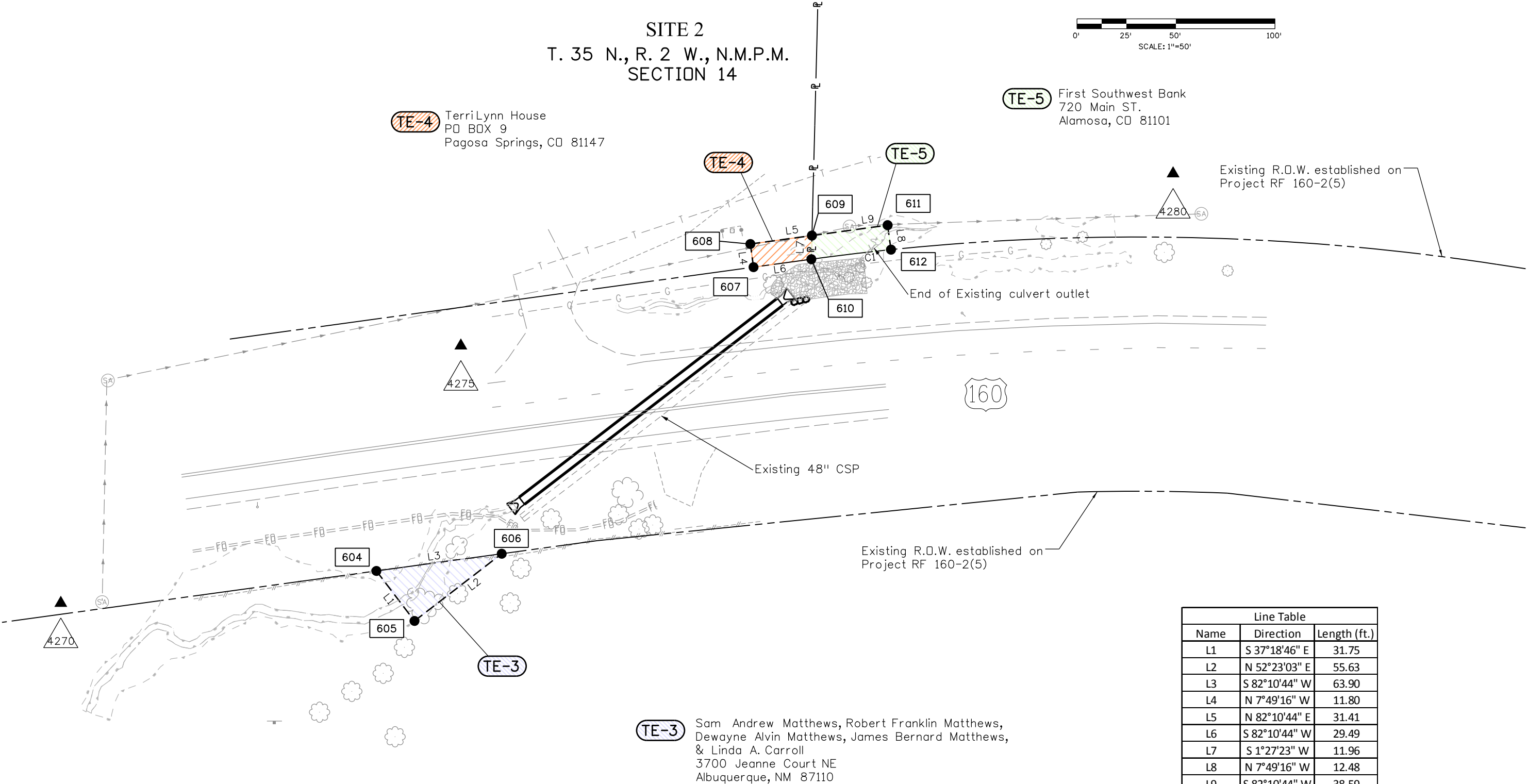
SITE 2
T. 35 N., R. 2 W., N.M.P.M.
SECTION 14



TE-4 TerriLynn House
PO BOX 9
Pagosa Springs, CO 81147

TE-5 First Southwest Bank
720 Main ST.
Alamosa, CO 81101

Existing R.O.W. established on
Project RF 160-2(5)



TE-3 Sam Andrew Matthews, Robert Franklin Matthews,
Dewayne Alvin Matthews, James Bernard Matthews,
& Linda A. Carroll
3700 Jeanne Court NE
Albuquerque, NM 87110

Line Table		
Name	Direction	Length (ft.)
L1	S 37°18'46" E	31.75
L2	N 52°23'03" E	55.63
L3	S 82°10'44" W	63.90
L4	N 7°49'16" W	11.80
L5	N 82°10'44" E	31.41
L6	S 82°10'44" W	29.49
L7	S 1°27'23" W	11.96
L8	N 7°49'16" W	12.48
L9	S 82°10'44" W	38.59

Curve Table					
Name	Radius (ft)	Arc Length (ft)	Chord Length (ft)	Tangent Length (ft)	Chord Direction
C1	1206.92	40.52	40.52	20.26	N 83°08'27" E



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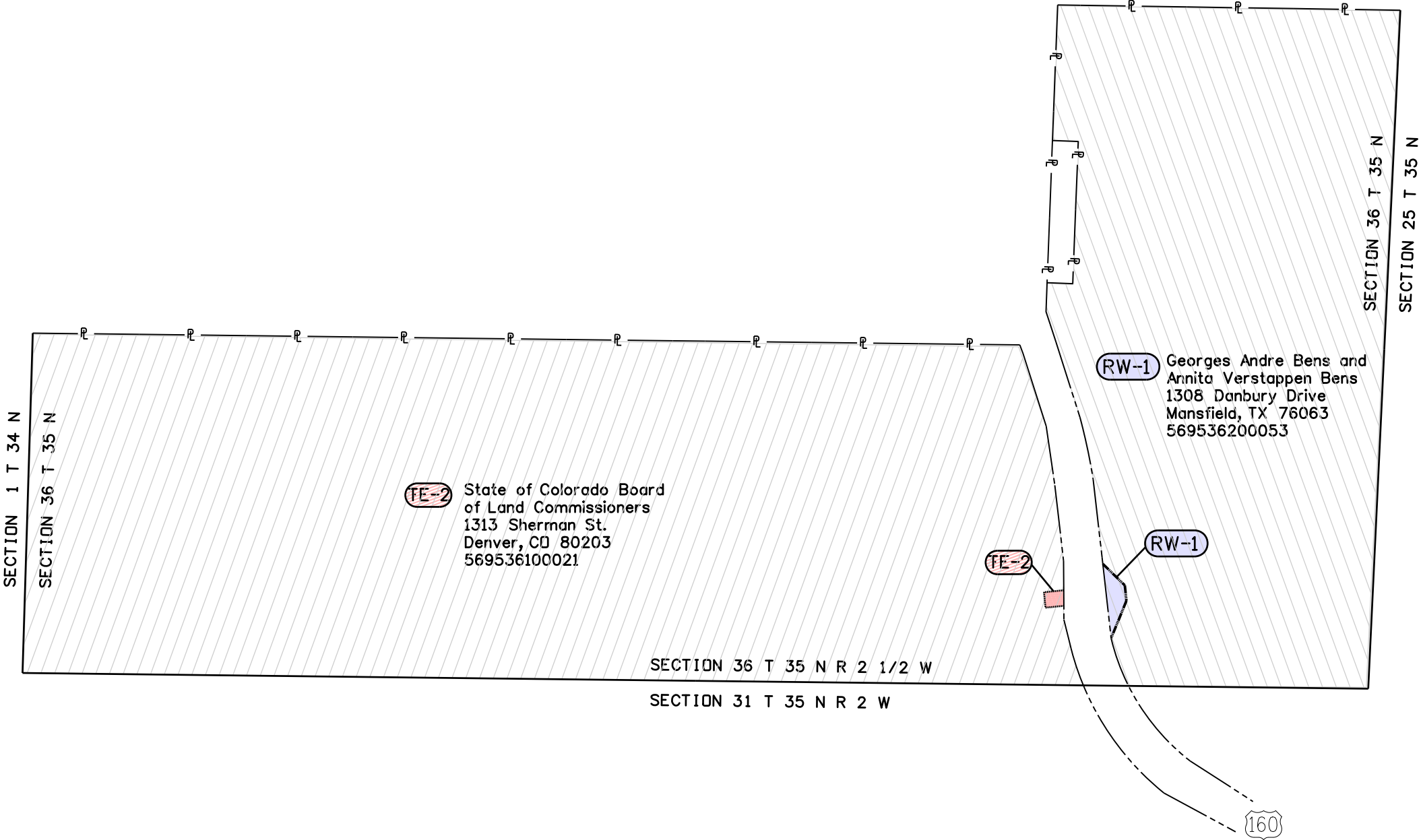
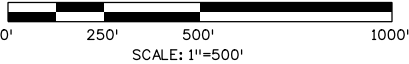
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Ownership Sheet

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SITE 1

T. 35 N., R. 2 1/2 W., N.M.P.M.
N 1/2 SECTION 36





Sheet Revisions

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Right of Way Plans

Ownership Sheet

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18334	2-8-2012	8.01 of 8.02	8.02

SITE 2

T. 35 N., R. 2 W., N.M.P.M.
SECTION 14

