

Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX	mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans			
Title Sheet			
Project Number: NHPP 5502-077			
Project Location: US 550 Rockfall Mitigation North of Ridgway			
M.P. 106.11 to M.P. 106.66			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
19860	05-05-2014	1.01 of 1.01	1.01

# DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLANS of PROPOSED  
STATE PROJECT NO. NHPP 5502-077  
U.S. HWY. NO. 550  
SEC. 4, T. 45 N., R. 8 W., N.M.P.M  
and  
SEC. 33, T. 46 N., R. 8 W., N.M.P.M  
OURAY COUNTY

R.O.W. Length of Project = 0.73 Miles

SHEET NO.	INDEX OF SHEETS
1.01	(1) Title Sheet
2.01-2.01	(1) Tabulation of Properties
3.01-3.04	(4) Project Control Diagram
4.01-4.03	(3) Land Survey Control Diagram
5.01	(1) Monumentation Sheets
6.01-6.0X	(NA) Tabulation of Road Approach Sheets
7.01-7.03	(3) Plan Sheets
8.01	(1) Ownership Sheet
(14) Total Sheets	

## Scales of Original 11x17 Drawings

Plan Sheets: 1"=100'  
Project Control Diagram Sheets: 1"=400'  
Land Survey Control Diagram: 1"=400'  
Ownership Sheet: 1"=400'

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N16°01'33"E from CM 300 to CM 400. Both monuments are CDOT Type II, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based on NGS passive marks.

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. 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.
3. The parcels shown within these ROW plans have been determined based on Title Commitments provided by H.C. Peck and Company.

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.

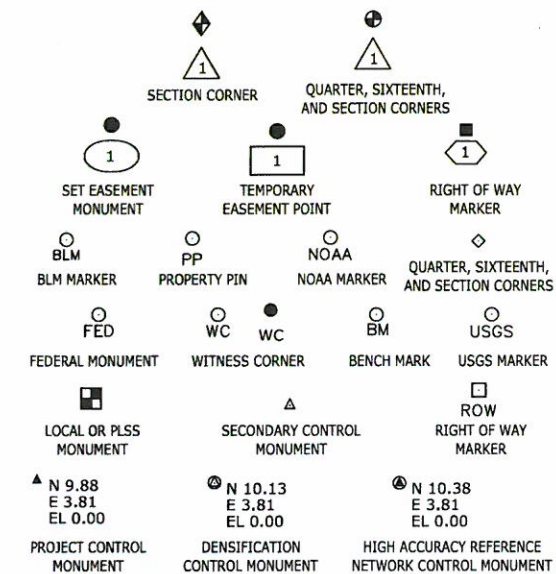
## COLORADO DEPARTMENT OF TRANSPORTATION STATE HIGHWAY PROJECT

ROW PLANS AUTHORIZED: *[Signature]* 7-1-2014  
DATE  
CDOT RIGHT OF WAY MANAGER

## SURVEYOR STATEMENT (ROW PLAN)

I, Randy N. Crumbaugh, 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. 25938



PERMANENT, PROPERTY, SLOPE, & UTILITY EASEMENT LINE	Sta. 1198+89.64 ~ Begin R.O.W. Retracement Project ~PWA 2003-B(3) MP: 106.84
TEMPORARY EASEMENT LINE (EXISTING)	
PROPERTY BOUNDARY LINE (EXISTING AND PROPOSED)	
ACCESS CONTROL LINE	End R.O.W. Project NHPP 5502-077 Sta. 25+54.02 MP: 106.37
BARRIER ACCESS CONTROL LINE	
RIGHT OF WAY LINE	
VIRGIN RIGHT OF WAY LINE (PROPOSED)	Begin R.O.W. Project NHPP 5502-077 Sta. 11+76.16 MP: 106.11
CITY LIMIT LINE (EXISTING)	
COUNTY LINE (EXISTING)	Sta. 1237+36.70 ~ End R.O.W. Retracement Project ~ PWA 2003-B(3) MP: 106.11
QUARTER SECTION LINE	
SECTION LINE	
SIXTEENTH SECTION LINE	
STATE LINE (EXISTING)	
TOWNSHIP LINE (EXISTING)	

## SURVEY/ROW

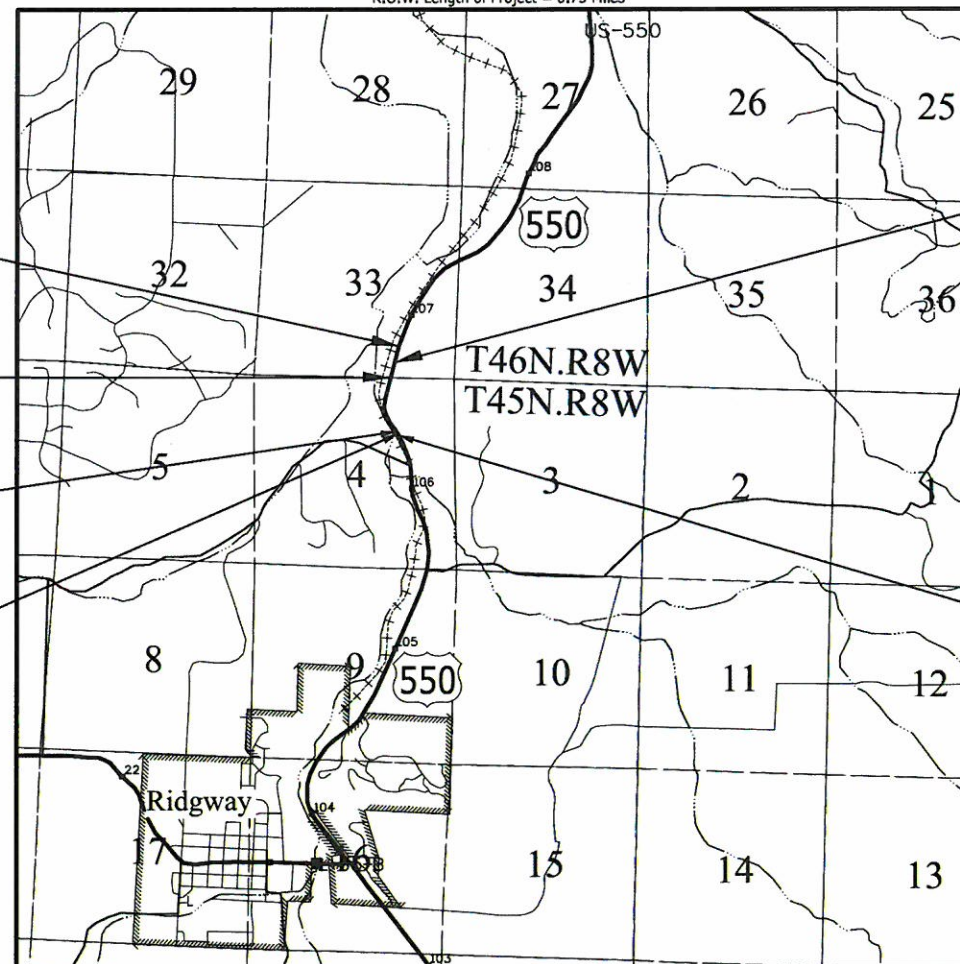
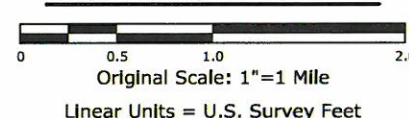
TOP OF CUT

TOE OF FILL

## TERRAIN

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).

## PROJECT LOCATION MAP







Sheet Revisions		
Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions		
Date	Description	Initials

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**URS**  
8181 East Tufts Avenue  
Denver, CO 80237-2579  
(303) 740-2600  
Fax (303) 694-3946

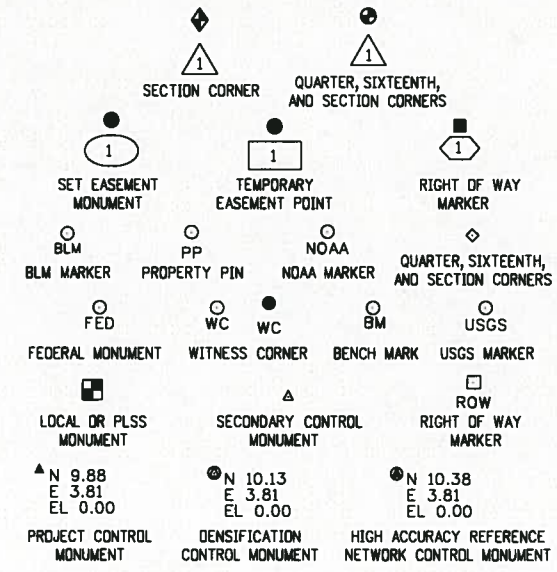
Project Control Diagram			
Title Sheet			
Project Number: NHPP 5502-077			
Project Location: U.S. 550 Rockfall Mitigation N of Ridgeway			
Project Code: 19860	Last Mod. Date: 04-22-14	Subset: 3.01 of 3.04	Sheet No.: 3.01

# DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

## PROJECT CONTROL DIAGRAM

U.S. Highway 550 MP 106.2 to 106.6  
Section(s) 4, 9, 16, 21 & 22  
Township 45 North, Range 8 West  
of the New Mexico Principal Meridian  
County of Duray

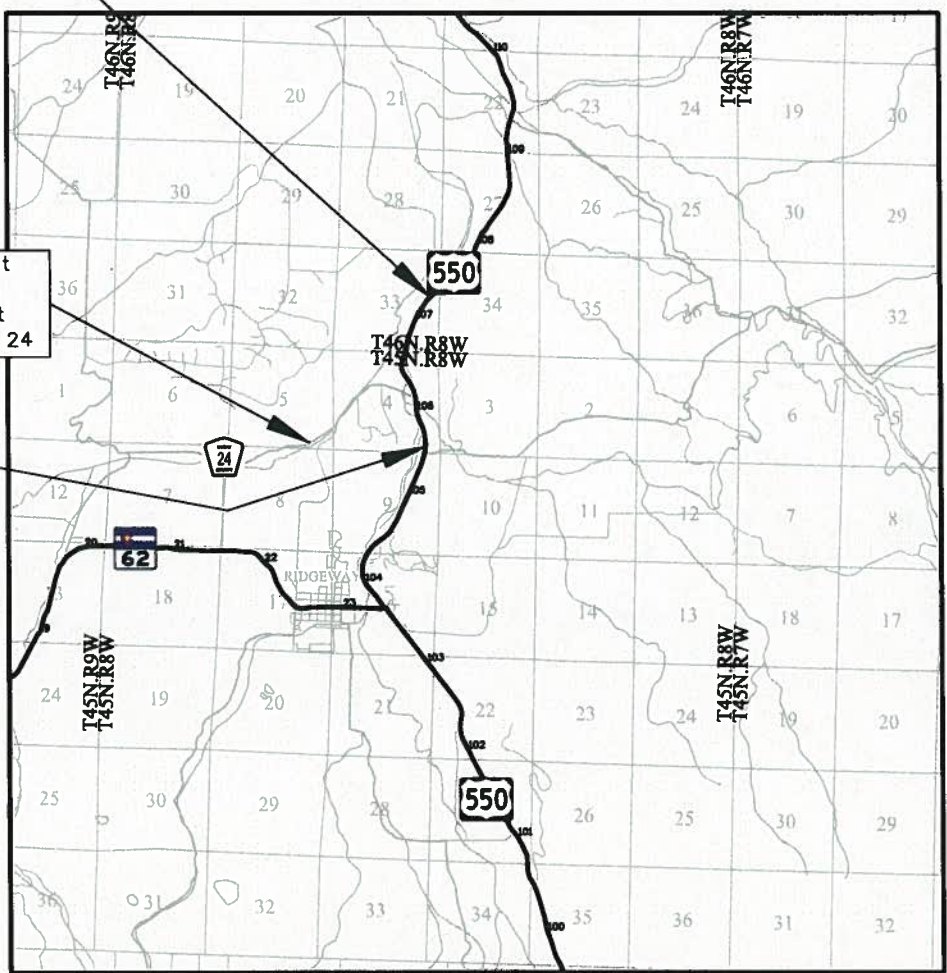
SHEET NO.	INDEX OF SHEETS
3.01	(1) Title Sheet
3.02	(1) Coordinate Tables
3.03-3.04	(2) Plan Sheet
	(4) Total Sheets



End Project Control  
M.P. 107.30

End Project Control  
1.25mi West  
County Rd 24

Begin Project Control  
M.P. 105.50



PROJECT LOCATION MAP

0' 5000' 10,000' 20,000'  
Lineal Units = U.S. Survey Feet

**COORDINATE INFORMATION**  
Geodetic coordinates NAD 83 were derived from GPS observations tied to NGS Passive stations T 426 (monumented with a stainless steel deep rod in an aluminum access cover stamped "T 426 1984"), A 430 (monumented with a 3.25" Brass Cap set in Rock Outcrop stamped "Vert. Contr. Mark A 430 1984"). State Plane Coordinates are Colorado South Zone (NAD83).

Project Coordinates are modified State Plane Coordinates in US Survey Feet. To convert Project coordinates to State Plane Coordinates, convert Project Coordinates to meters, add the "Northing reduction" and "Easting Reduction". Then divide by the "Ground Scale Factor". Then rotate the coordinates Clockwise 1° 25' 36.22928" around the 0,0 origin.

**PROJECT COORDINATE SUMMARY**  
Project Latitude: 38° 0' 45.77263"N  
Project Longitude: 107° 44' 35.65566"W  
Project Ellipsoid Height: 2109.621m  
Project Elevation: 6973.470'  
Coordinate System: US State Plane (modified at ground)  
Coordinate Zone: Colorado South 0503  
Coordinate Datum: NAD83 (2007)  
Ground Scale Factor: 1.0003668462  
Clockwise Rotation 1° 25' 36.22928"  
Northing Reduction: 485624.8284m  
Easting Reduction: 681597.6095m

**Basis of Bearings:** Bearings used in the calculations of coordinates are based on a grid bearing of N16° 01' 33"E from CM 300 to CM 400. Both monuments are CDDT Type II. The survey data was obtained from Global Positioning System (GPS) survey base on the NGS Passive Stations.

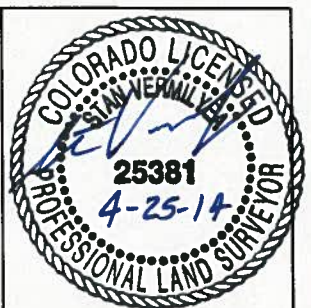
**Basis of Elevations:** Project elevations are based on Control Monument 400. A Typical CDDT Type II monument. Published elevation obtained from CDDT project BRP 550-2(20) With a NAVD 88 elevation of 6973.470ft

**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 (PROJECT CONTROL DIAGRAM)

I, Stan Vermilyea, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Project 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.

PLS No. 25381



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.



Typical Control Monument Cap  
Not to Scale


CM-MP - Control Point Monuments set by CDDT. They are CDDT Type 2 monuments, a 3/4" dia. aluminum control monument cap (as shown) on a 3' x 3/4" dia. aluminum security rod on a 3' x 3/4" dia. smooth aluminum rod.

### General Notes:

1. This Project Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
2. 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.
3. 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 typical survey monument descriptions.



Colorado Department of Transportation



3803 North Main Avenue  
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Region 5

TCJ

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials

Sheet Revisions

Date	Description	Initials

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Fax (303) 694-3946

Project Control Diagram

Coordinate Tables

Project Number: NHPP 5502-077

Project Location: U.S. 550 Rockfall Mitigation N of Ridgeway

Project Code:	Last Mod. Date	Subset	Sheet No.
19860	02-12-14	3.02 of 3.04	3.02



CHARN GEODETIC COORDINATE SUMMARY TABLE

Point No.	Geodetic Coordinates NAD-83(2007) (CHARN)		Elip Height (NAVD88) (m)	Ortho Height (m)	Mapping Angle	Grid Scale Factor	NAD 83(2007) Zone 503		Description
	Latitude(N)	Longitude(W)					SP Northing(m)	SP Easting(m)	
618	38°06'20.36088"	-107°43'02.06341"	2178.801	2194.498	-1°21'36.02"	0.999615554	466814.74	719962.64	FOUND 3.5" BRASS NGS CAP IN ROCK OUT CROP STAMPED A430 1984
629	38°16'35.89212"	-107°45'56.85281"	1977.364	1993.305	-1°23'23.23"	0.999665633	485889.57	716165.98	FOUND NGS STEEL DEEP ROD WITH ACCESS COVER T426 1984



GEODETIC COORDINATE TABLE

Point No.	Geodetic Coordinates NAD-83(2007) (CHARN)		Elip Height (NAVD88) (m)	Ortho Height (m)	Mapping Angle	Grid Scale Factor	NAD 83(2007) Zone 503		Description
	Latitude(N)	Longitude(W)					SP Northing(m)	SP Easting(m)	
300	38°10'31.55176"	-107°44'30.49855"	2117.959	2133.852	-1°22'30.27"	0.999631572	474608.611	717994.662	FOUND 3.25" ALUMN. CAP CDOT TYPE II STAMPED 300
400	38°10'45.77263"	-107°44'35.65566"	2109.621	2125.518	-1°22'33.43"	0.999633289	475049.958	717879.708	FOUND 3.25" ALUMN. CAP CDOT TYPE II STAMPED 400
800	38°10'34.69174"	-107°45'40.85650"	2117.962	2133.922	-1°23'13.42"	0.999631662	474746.668	716285.076	SET CDOT TYPE II MONUMENT WITH 3.25" ALUMN. CAP STAMPED 800
895	38°11'47.14914"	-107°44'31.25145"	2084.626	2100.515	-1°22'30.73"	0.999639033	476939.215	718032.281	FOUND NGS STEEL DEEP ROD WITH ACCESS COVER B 417 RESET 1990
1063	38°11'06.15451"	-107°44'46.00317"	2099.627	2115.532	-1°22'39.78"	0.999635452	475684.245	717643.058	SET CDOT TYPE II MONUMENT WITH 3.25" ALUMN. CAP STAMPED 1063
1068	38°11'31.64606"	-107°44'41.82752"	2091.043	2106.944	-1°22'37.22"	0.999637558	476467.538	717763.533	SET CDOT TYPE II MONUMENT WITH 3.25" ALUMN. CAP STAMPED 1068
10645	38°11'13.18259"	-107°44'47.57184"	2096.229	2112.136	-1°22'40.74"	0.999636192	475901.792	717610.106	SET CDOT TYPE II MONUMENT WITH 3.25" ALUMN. CAP STAMPED 10645



PROJECT COORDINATE TABLE

Point No.	Project Coordinates		Elev(ft) (NAVD88)	Description
	Northing(ft)	Easting(ft)		
300	22619.042	80762.185	7000.81	FOUND 3.25" ALUMN. CAP CDOT TYPE II STAMPED 300
400	24057.716	80348.953	6973.47	FOUND 3.25" ALUMN. CAP CDOT TYPE II STAMPED 400
800	22932.306	75141.719	7001.04	SET CDOT TYPE II MONUMENT WITH 3.25" ALUMN. CAP STAMPED 800
895	30268.873	80695.162	6891.44	FOUND NGS STEEL DEEP ROD WITH ACCESS COVER B 417 RESET 1990
1063	26119.486	79520.667	6940.71	SET CDOT TYPE II MONUMENT WITH 3.25" ALUMN. CAP STAMPED 1063
1068	28699.330	79851.939	6912.53	SET CDOT TYPE II MONUMENT WITH 3.25" ALUMN. CAP STAMPED 1068
10645	26830.569	79394.773	6929.57	SET CDOT TYPE II MONUMENT WITH 3.25" ALUMN. CAP STAMPED 10645



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Colorado Department of Transportation



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Region 5

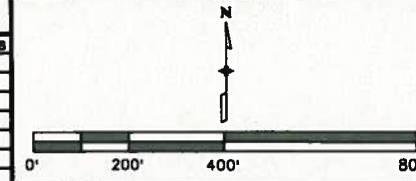
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Sheet Revisions

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mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials



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Project Control Diagram

Plan Sheet

Project Number: NHPP 5502-077  
Project Location: U.S. 550 Rockfall Mitigation N of Ridgeway

Project Code	Last Mod. Date	Subset	Sheet No.
19860	04-25-14	3.03 of 3.04	3.03

T.45N., R.8W., N.M.P.M.  
OURAY COUNTY

MEADOWS CIR.

MEADOWS CIR.

DALLAS CT.

UNCOMPAGRE CT



800  
N 22932.31  
E 75141.72  
EL 7001.04

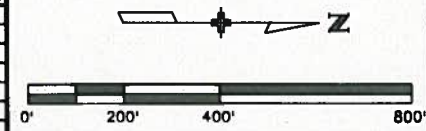
106  
400  
N 24057.72  
E 80348.95  
EL 6973.47

300  
N 22619.04  
E 80762.18  
EL 7000.81



### Region 5

TCJ

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**URS**

### Project Control Diagram

Project Number: NHPP 5502-077			
Project Location: U.S. 550 Rockfall Mitigation N of Ridgeway			
Project Code:	Last Mod. Date	Subset	Sheet No.
19860	04-25-14	3.04 of 3.04	3.04



# OURAY COUNTY

33

10645  
N 26830.57  
E 79394.77  
EL 6929.57

1063  
N 26119.49  
E 79520.67  
EL 6940.71

UNCOMPAGRE RIVER

1068  
N 28699.33  
E 79851.94  
EL 6912.53

~~107~~

895

N 30268.87  
E 80695.16  
EL 6891.44  
NGS BM

T45N.R8W

T46N.R8W

3

34





Colorado Department of Transportation



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Region 5

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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



211 Rockpoint Drive  
Durango, CO 81301  
970-375-7767

Land Survey Control Diagram

Title Sheet

Project Number: NHPP 5502-077

Project Location: US 550 Rockfall Mitigation

North of Ridgway

Project Code:	Last Mod. Date	Subset	Sheet No.
19860	04-28-14	4.01 of 4.03	4.01

# DEPARTMENT OF TRANSPORTATION

# STATE OF COLORADO

## LAND SURVEY CONTROL DIAGRAM

SHEET NO.

4.01

4.02

4.03

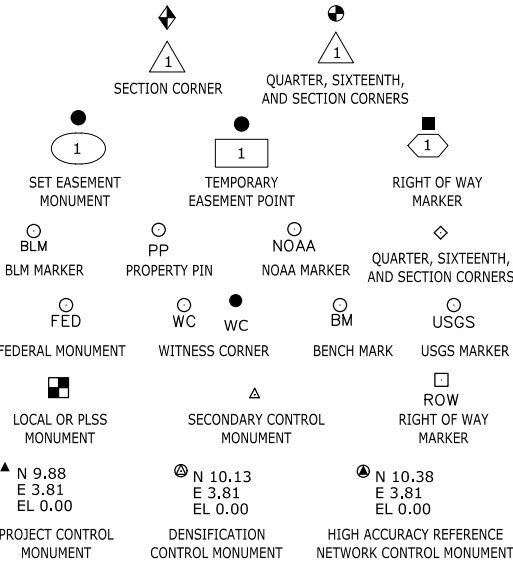
INDEX OF SHEETS

(1) Title Sheet

(1) Coordinate Tables

(1) Plan Sheet

(3) Total Sheets



Note: For a complete listing of symbololgy 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.

General Notes:

- This Land Survey Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only. No determination has been made to determine if the found monuments as shown are in their proper position or if they are at the corners they are intended to monument.
- Easements, rights, and restrictions of record were not researched and are not shown on this diagram. The verification of the physical evidence with relation to easements, rights of ways, property boundaries, and restrictions, as described in the instruments of record, were not included in this control survey.
- The existing Colorado Department of Transportation Right of Way for this project was determined independently by found original FAP style monuments (reinforced concrete monument with bronze cap) as set on Project PWA 2003B(3) in 1937. Three CDOT Type 1 Right of Way monuments (Pnts 309, 423 and WC 313) which were set on Project BRF 50-2(20) to deliniate the ROW established on project PWA 2003B(3) were also recovered.  
This retracement primarily concerns the existing Right of Way as acquired on PWA 2003B(3). Therefore, all of the found monuments have projected distances and offsets related to the re-established alignment for PWA 2003B(3).

General Notes Continued:

- The P.I. Stations for PWA 2003B(3) and the distance between them was held to record. The degree of curves were also held but the curve deflections and tangent distances were allowed to change to best fit the existing roadway.
- CDOT's existing ROW has been monumented at all required points as per CRS 38-51-04 and 38-53-105.
- 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 typical survey monument descriptions.
- The information contained on the attached drawings is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.

U.S. Highway 550

MP 106.11 to MP 106.84

Section 4, Township 45 North, Range 8 West  
of the New Mexico Principal Meridian  
County of Ouray

COORDINATE INFORMATION

Geodetic coordinates NAD 83 were derived from GPS observations tied to NGS Passive stations T 426 (monumented with a stainless steel rod in an aluminum access cover stamped "T 426 1984") and A 430 (monumented with a 3.25" Brass Cap set in Rock Outcrop stamped "Vertical Control Mark A 430 1984"). State Plane Coordinates are Colorado South Zone (NAD 83).

Project Coordinates are modified State Plane Coordinates in U.S. Survey Feet.

To convert the Project Coordinates to State Plane Coordinates; Convert the Project Coordinates to meters, add the "Northing Reduction" and "Easting Reduction". Then divide by the "Ground Scale Factor". Then rotate the coordinates Clockwise 1°25'36.22928" around the 0,0 origin.

PROJECT COORDINATE SUMMARY

Project Latitude: 38°0'45.77263"N

Project Longitude: 107°44'35.65566"W

Project Ellipsoid Height: 2109.621m

Project Elevation: 6973.470 US Survey Feet

Coordinate System: US State Plane (modified at ground)

Coordinate Zone: Colorado South 0503

Coordinate Datum: NAD 1983 (2007)

Ground Scale Factor: 1.0003668462

Clockwise Rotation 01°25'36.22928"

Northing Reduction: 485624.8284m

Easting Reduction: 681597.6095m

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N16°01'33"E from CM 300 to CM 400. Both monuments are CDOT Type II. The survey data was obtained from a Global Positioning System (GPS) survey based on the NGS Passive Stations.

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 (LAND SURVEY CONTROL DIAGRAM)

I, Randy N. Crumbaugh, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Land Survey 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.

PLS No. 25938

Colorado Department of Transportation



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Region 5

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Sheet Revisions

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Sheet Revisions

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MM-DD-YY	XXXXXXXX	XXX



211 Rockpoint Drive  
Durango, CO 81301  
970-375-7767

Land Survey Control Diagram

Monumentation Coordinate Tables

Project Number: NHPP 5502-077			
Project Location: US 550 Rockfall Mitigation N. of Ridgway			
M.P. 106.11 to M.P. 106.66			
Project Code:	Last Mod. Date	Subset	Sheet No.
19860	04-25-14	4.02 of 4.03	4.02



FOUND ALIQUOT MONUMENT COORDINATE TABLE (Controlling )

Point No.	Northing (Ft)	Easting (Ft)	Description
506	28605.91	79916.22	3.25" Alum. Cap - Mrk'd US Dept. of Int. 1987 Cor. 27 Res. Bnd. - SE 1/16 S33
507	25979.42	79942.99	3" Brass Cap Marked : Bureau of Land Management NE1/16 SEC 4, 1992
510	24669.73	79987.00	2.5" Alum Cap Marked :MESA SURV. - CE1/16 SEC 4, LS 12180
512	27276.39	79898.03	3.25" Alum. Cap - Mrk'd Bureau of Land Management E/16 Sec 33/4 1992



PP

FOUND BOUNDARY MONUMENT COORDINATE TABLE ( Controlling )

Point No.	Northing (Ft.)	Easting (Ft.)	Description
502	25978.49	79724.47	1.5" Alum. Cap on #5 Rebar - Del-Mont LS 16840
307	28605.21	79815.40	3.25" Alum. Cap on PVC pipe - US Dept of Int. 1992 Bur. Rec. Res. Bndy Cor 26 / S33
308	27272.76	79472.77	3.25" Alum. Cap on PVC pipe - US Dept of Int. 1992 Bur. Rec. Res. Bndy S33 / S4
505	25974.94	78772.04	3.25" Brass Cap - US Dept of Int. - Bur. Rec. ( no other information )
511	25974.73	78687.86	3.5" Alum. Cap - US Dept of Int. - Bur. Rec. - Res Bndy Cor 22 - S4 1992



ROW

FOUND R.O.W. MONUMENT COORDINATE TABLE (Controlling)

Point	Northing (Ft.)	Easting (Ft.)	Description
200	26326.33	79516.55	Original Concrete ROW Marker set on PWA 2003B(3) - Leaning NW'erly
201	25937.97	79745.65	Original Concrete ROW Marker set on PWA 2003B(3) - solid vertical position
205	27301.64	79583.56	Original Concrete ROW Marker set on PWA 2003B(3) - solid vertical position
WC313	26063.00	79680.79	CDOT Type 1 ROW Marker marked WC313 - 24.3' LS 12180
309	25852.33	79817.55	CDOT Type 1 ROW Marker marked 309 LS 12180
243	25977.89	79585.48	CDOT Type 1 ROW Marker marked 243 - LS 12180





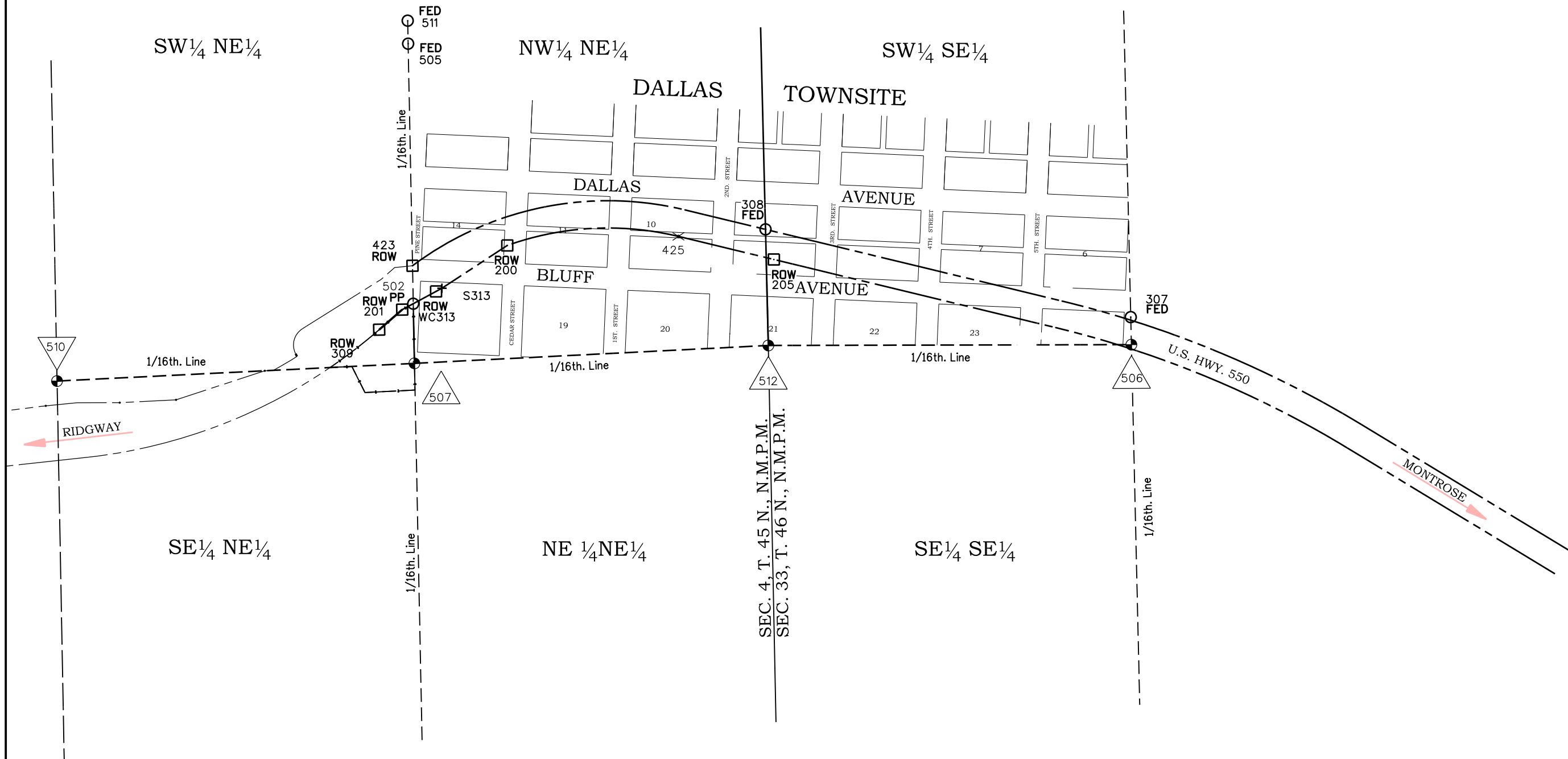
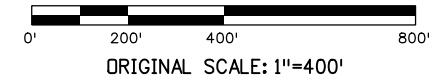
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Sheet Revisions		
Date mm/dd/yy	Description XXXXXXXX	Initials XXX

**URS**  
211 Rockpoint Drive  
Durango, CO 81301  
970-375-7767



Land Survey Control Diagram			
Plan Sheet			
Project Number: NHPP 5502-077			
Project Location: US 550 Rockfall Mitigation			
North of Ridgway			
Project Code:	Last Mod. Date	Subset	Sheet No.
19860	05-05-14	4.03 of 4.03	4.03



T. 45 N., R. 8 W., N.M.P.M.

T. 46 N., R. 8 W., N.M.P.M.

Colorado Department of Transportation



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Region 5

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Sheet Revisions

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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX



211 Rockpoint Drive  
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970-375-7767

Right of Way Plans

Monumentation Sheet

Project Number: NHPP 5502-077				
Project Location: US 550 Rockfall Mitigation N. of Ridgway				
M.P. 106.11 to M.P. 106.84				
Project Code:	Last Mod. Date	Subset	Sheet No.	
19860	05-05-14	5.01 to 5.01	5.01	

TABULATION OF R.O.W. MARKERS (TO BE SET)

Point No.	Northing	Easting	Description
425	26953.34	79493.48	Parcel Corner ( Not to be Set)
426	26978.38	79396.66	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
427	28354.14	79752.48	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
428	28329.10	79849.30	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
429	27449.11	79518.41	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
430	29390.31	80306.71	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
431	29443.50	80222.03	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
432	27273.64	79576.32	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
433	25978.73	79759.57	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
434	25978.80	79779.70	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
435	25867.60	79804.74	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
436	25978.58	79724.58	Parcel Corner ( Not to be Set)
437	26157.04	79783.39	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
438	26476.46	79668.49	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
439	26780.00	79682.31	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
440	26984.79	79790.82	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
441	27099.75	79674.47	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
442	27094.76	79557.72	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod
443	27101.47	79531.79	CDOT Type 1 Aluminum Cap Stamped 25938 on 36" Finned Rod

General Notes:

- All centerline and offset stationing may not represent the centerline as constructed in the field.
- Right of Way Markers set on this project by URS are CDOT Type 1 monuments, a 3.25" Aluminum Cap set on .75"x36" Aluminum Finned Rod, except as noted above.
- 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.

COORDINATE INFORMATION

Geodetic coordinates NAD 83 were derived from GPS observations tied to NGS Passive stations T 426 (monumented with a stainless steelrod in an aluminum access cover stamped "T 426 1984") and A 430 ( monumented with a 3.25" Brass Cap set in Rock Outcrop stamped "Vertical Control Mark A 430 1984"). State Plane Coordinates are Colorado South Zone (NAD 83).

Project Coordinates are modified State Plane Coordinates in U.S. Survey Feet. To convert the Project Coordinates to State Plane Coordinates; Convert the Project Coordinates to meters, add the "Northing Reduction" and "Easting Reduction". Then divide by the "Ground Scale Factor". Then rotate the coordinates Clockwise 1° 25' 36.22928" around the 0,0 origin.

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	5	5(S)	6
REFERENCE										
ROW	17									
CONTROL										
ALIQUOT CORNER										
PERMANENT EASEMENT										
PROJECT POINTS										
WITNESS POST (REQUIRED)										

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)

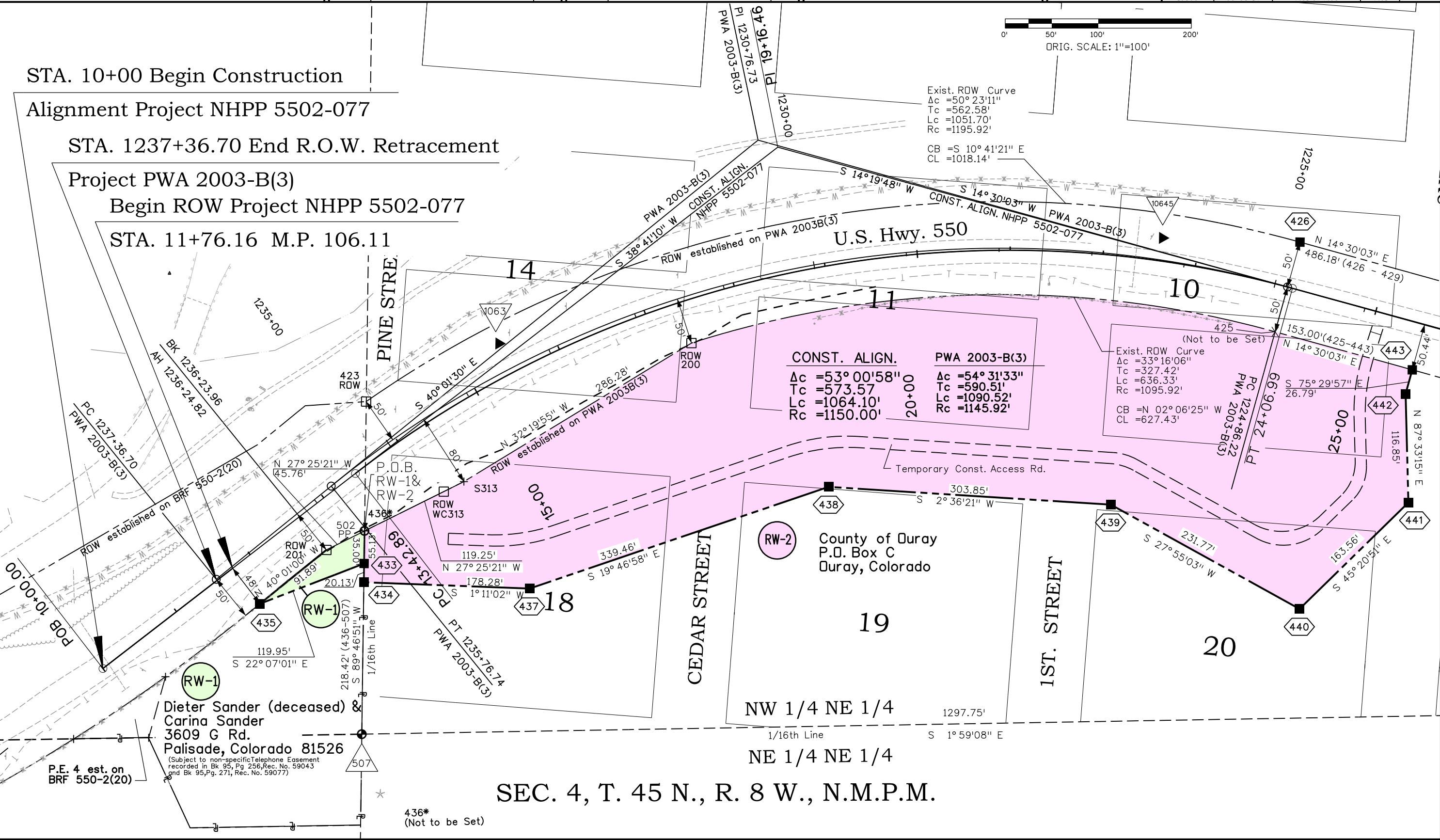
I, Randy N. Crumbaugh, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, adequate research, calculations and evaluation of survey evidence were performed and the Right-of-Way 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. 25938



Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials
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Right of Way Plans			
Plan Sheet			
Project Number: NHPP 5502-077			
Project Location: US 550 Rockfall Mitigation			
North of Ridgway			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
19860	05-05-14	7.01 of 7.03	7.01



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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

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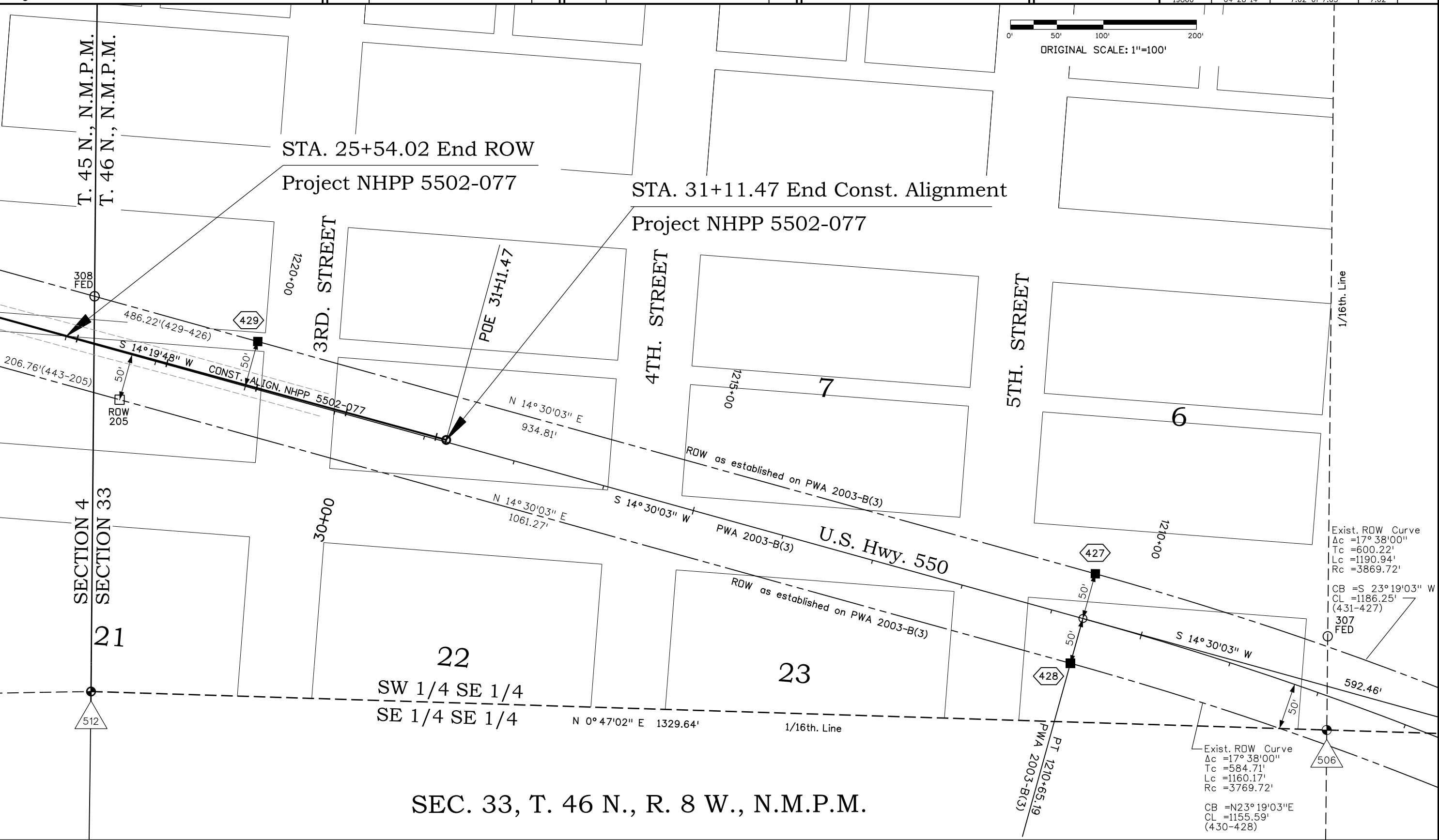
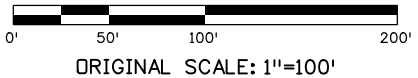
Right of Way Plans

Plan Sheet

Project Number: NHPP 5502-077  
Project Location: US 550 Rockfall Mitigation

North of Ridgway

Project Code:	Last Mod. Date	Subsect	Sheet No.
19860	04-28-14	7.02 of 7.03	7.02



SEC. 33, T. 46 N., R. 8 W., N.M.P.M.



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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

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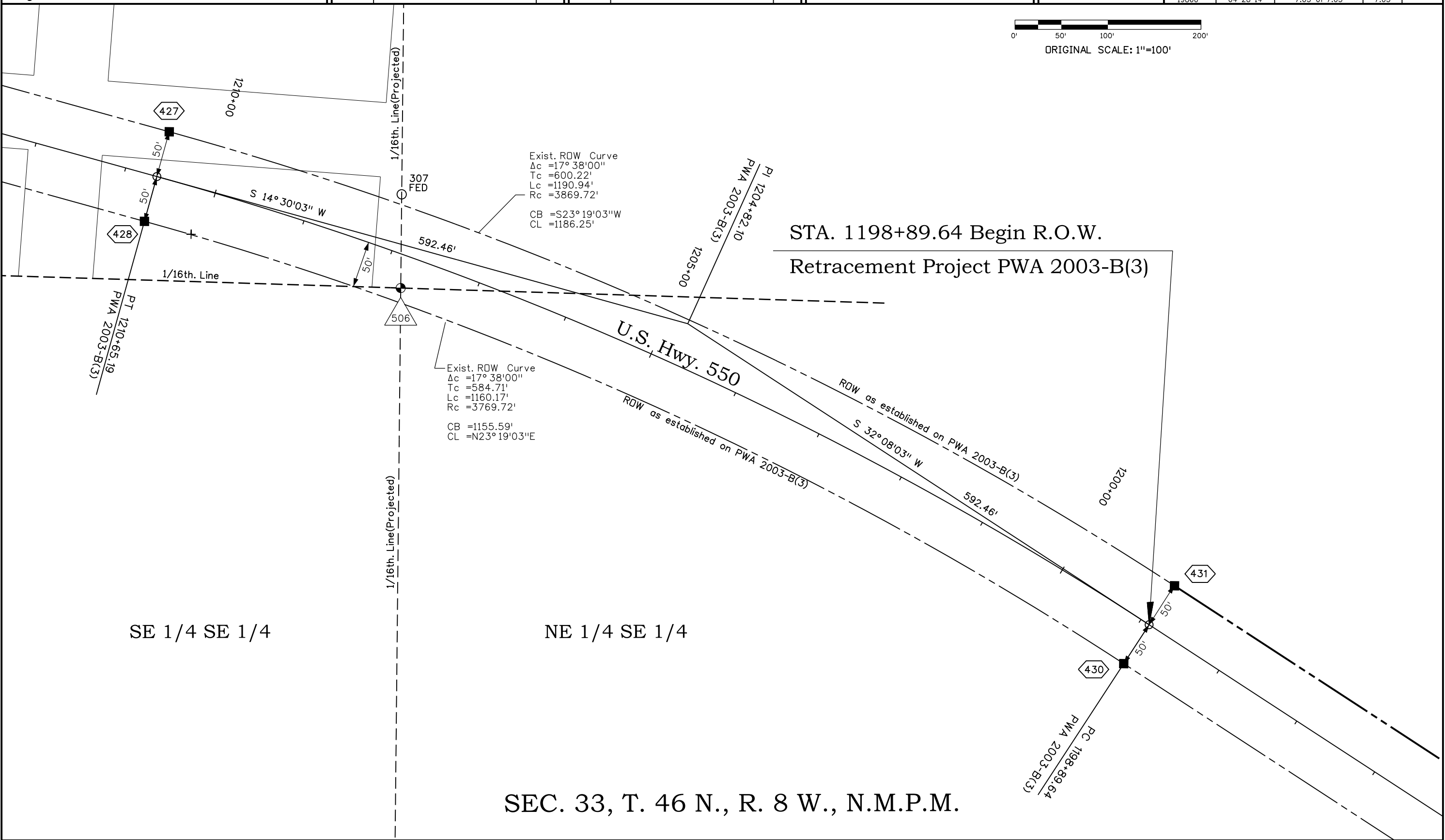
Right of Way Plans

Plan Sheet

Project Number: NHPP 5502-077			
Project Location: US 550 Rockfall Mitigation			
North of Ridgway			
Project Code:	Last Mod. Date:	Subset:	Sheet No.
19860	04-28-14	7.03 of 7.03	7.03



0' 50' 100' 200'  
ORIGINAL SCALE: 1"=100'



STA. 1198+89.64 Begin R.O.W.  
Retracement Project PWA 2003-B(3)

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Sheet Revisions

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Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

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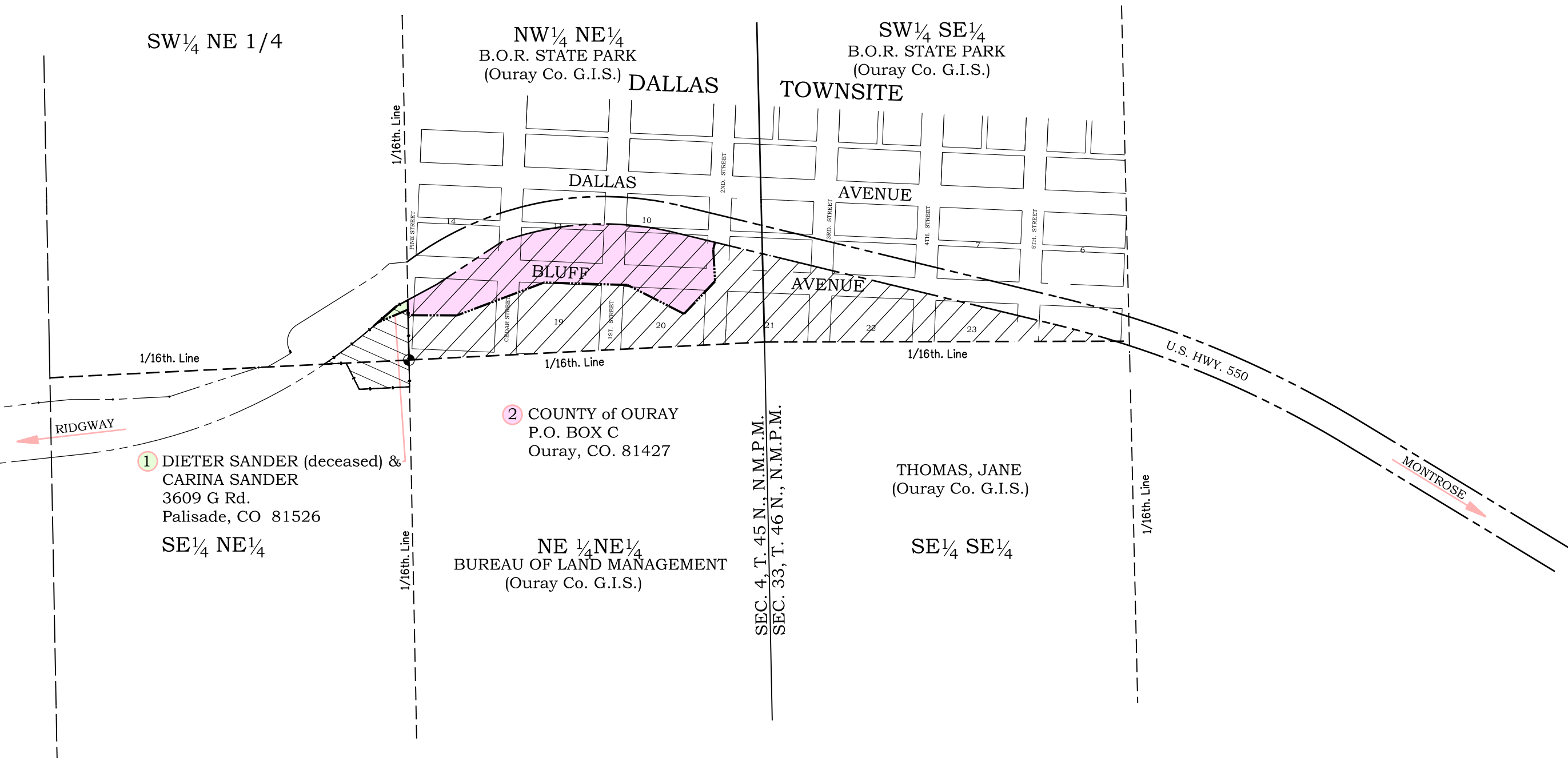
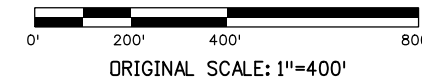
Right of Way Plans

Ownership Sheet

Project Number: NHPP 5502-077  
Project Location: US 550 Rockfall Mitigation

North of Ridgway

Project Code:	Last Mod. Date	Subset	Sheet No.
19860	07-01-14	8.01 of 8.01	8.01



1 DIETER SANDER (deceased) &  
CARINA SANDER  
3609 G Rd.  
Palisade, CO 81526  
SE 1/4 NE 1/4

2 COUNTY of OURAY  
P.O. BOX C  
Ouray, CO. 81427

NE 1/4 NE 1/4  
BUREAU OF LAND MANAGEMENT  
(Ouray Co. G.I.S.)

THOMAS, JANE  
(Ouray Co. G.I.S.)

SE 1/4 SE 1/4

T. 45 N., R. 8 W., N.M.P.M. T. 46 N., R. 8 W., N.M.P.M.