

Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials
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Right of Way Plans			
Title Sheet			
Project Number: C 133A-052			
Project Location: SH 133 RockfallNorth of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	1.01 to 1.01	1.01

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED PROJECT NO. C 133A-052 STATE HIGHWAY NO. 133 PITKIN & GUNNISON COUNTIES

SHEET NO.	INDEX OF SHEETS
1.01	(1) Title Sheet
2.01-2.01	(1) Tabulation of Properties
3.01-3.21	(21) Project Control Diagram
4.01-4.14	(14) Land Survey Control Diagram
5.01-5.01	(1) Monumentation Sheets
6.01-6.01	(1) Tabulation of Road Approach Sheets
7.01-7.04	(4) Plan Sheets
8.01-8.04	(4) Ownership Maps
(47) Total Sheets	

Scales of Original 11"x17" Drawings
 Plan Sheets 1"=100' & 1"=5000'
 Project Control Diagram Plan Sheets 1"=100' & 1"=3000'
 Land Survey Control Diagram Plan Sheets 1"=500' & 1"=3000'
 Ownership Maps 1"=400', 1"=1000' & 1"=5000'

R.O.W. Length of Project = 10.926 Miles
 Const. Length of Project = 23.000 Miles

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N10°38'49"E from MP 50.63 to MP 62.38. Both monuments are CDOT Type 2, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based on the Mesa County Virtual Reference Network (MCVRN).

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 Commitments prepared by Westcor Land Title Insurance Company.

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 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**

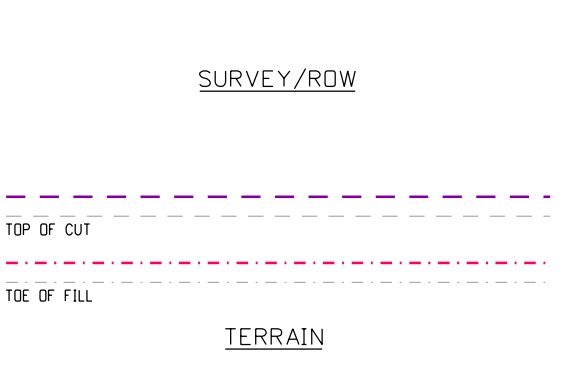
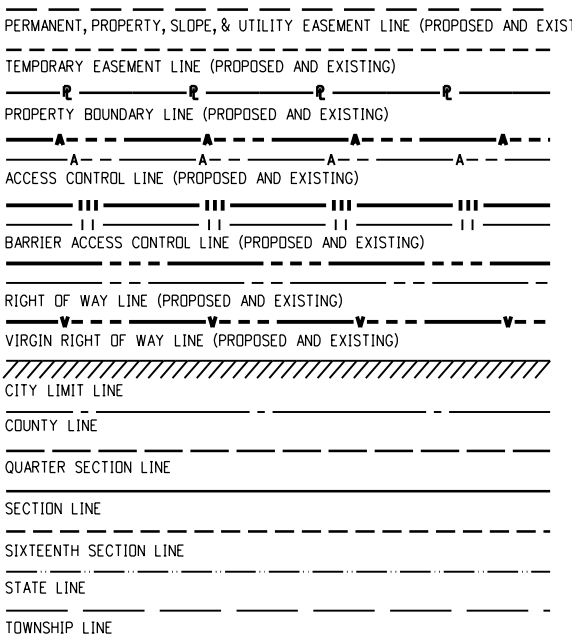
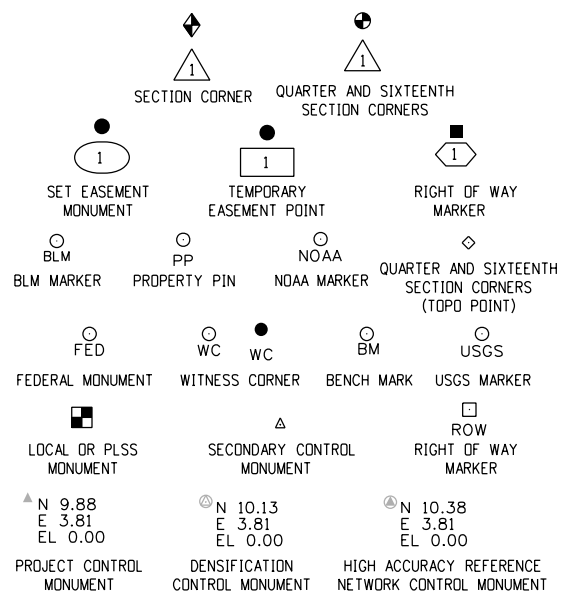
ROW PLANS AUTHORIZED: _____ DATE _____

CDOT CHIEF ENGINEER

SURVEYOR STATEMENT (ROW PLAN)

I, Richard A. Harrison, 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, the 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. 38180

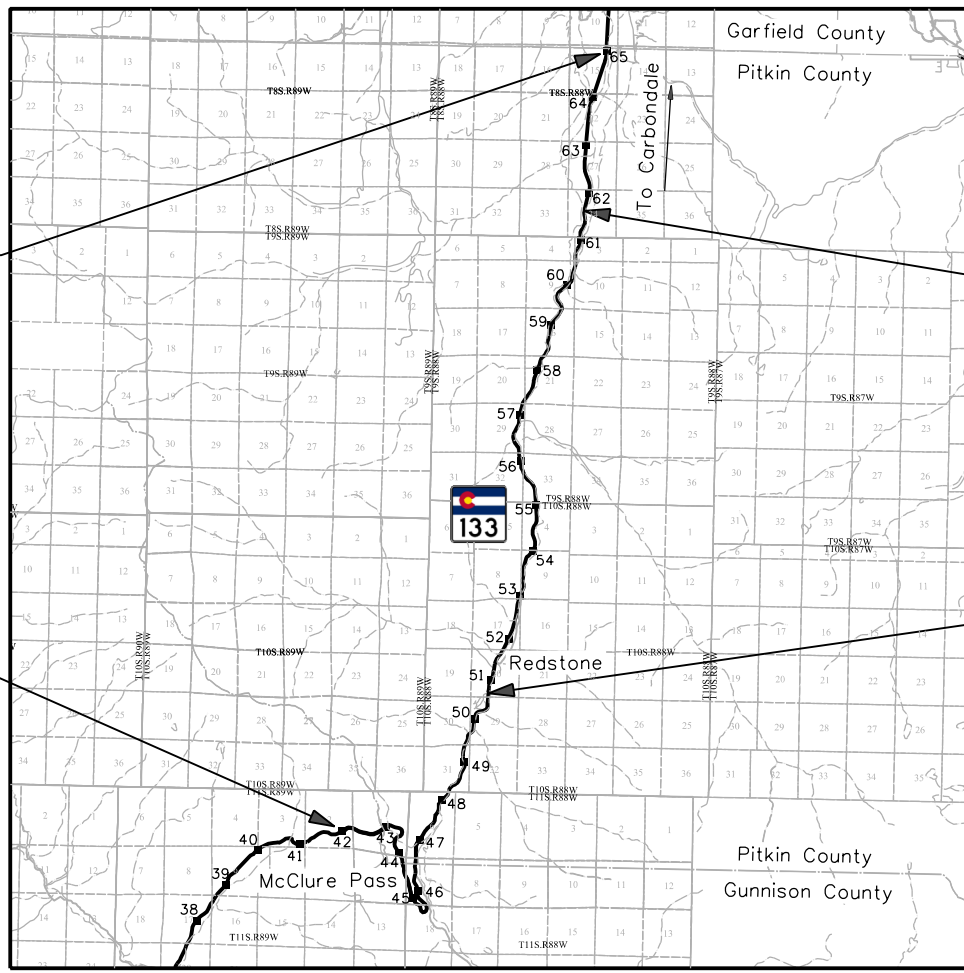


End Const Project
Station: 1323+58.71
M.P.: 65.000

Begin Const Project
Station: 166+35.45
M.P.: 42.000

End ROW Project
Station: 1145+78.79
M.P.: 61.591
= Station 234+96.1
Project S 0133 (3)

Begin ROW Project
Station: 568+90.55
M.P.: 50.665
= Station 812+06.8
Project S 0133 (6)



PROJECT LOCATION MAP



Lineal Units = U.S. Survey Feet
 Scale: 1"=21,120'

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. Existing topo features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening, except as noted with the word (proposed).

FILING CERTIFICATION: DAY OF _____, 20____, AT _____ M.,
 DEPOSITED THIS _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
 SURVEYS AT PAGE _____, RECEPTION NUMBER _____
 SIGNED _____ DEPT. _____
 5/24/2022 rharrison 11:57:12 PM I:\2021\2021-620-SH133RockfallPH2\001-24279-ExCon\0-CDOT\Surveys\24279\ROW_Survey Drawings\24279ROW_TitleSht.dgn

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



Right of Way Plans			
Tabulation of Properties			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	2.01 to 2.01	2.01

Sheet 1 - Tabulation of Properties

R.O.W. TABULATION OF PROPERTIES IN PITKIN COUNTY S.H. NO. 133

Parcel No.	Ownership Name and Mailing Address	Site Address	Location	Area In Square Feet (Acres)					Book and Page No. And/Or Reception No.	Title Commitment No.	Purpose Of Parcel
				Area Of Parcel	Existing ROW	Net Area	Remainder Left	Remainder Right			
			T. 10 S., R. 88 W., 6th P.M.								
PE-1	KJ Colorado, LLC, A Colorado Limited Liability Company P. O. Box 1667 Solana Beach, CA 92075	251 Chair Mountain Drive Redstone, Colorado 81623	SE1/4 SW1/4 Section 20	7,049 (0.162)		7,049 (0.162)				08821B2021	for access & removal of debris material retained by debris flow barrier
PE-2	Jeffery M. Bier & Janette R. Bier P. O. Box 100 Carbondale, CO 81623	18679 Highway 133 Redstone, Colorado 81623	SE1/4 SW1/4 Section 20	6,143 (0.141)		6,143 (0.141)				08820B2021	for access & removal of debris material retained by debris flow barrier
			T. 9 S., R. 88 W., 6th P.M.								
RW-3	Heather H. Froelicher Trust Dated October 30, 2017 P.O. Box 552 Carbondale, CO 81623	10101 Highway 133 Redstone, Colorado 81623	NE1/4 NW1/4 Section 21 SE1/4 SW1/4 Section 16	705 (0.016) 20,580 (0.472)		705 (0.016) 20,580 (0.472)				08829B2021	for rockfall mitigation, installation & maintenance of rockfall netting and anchors
				Total Area		21,285 (0.489)		21,285 (0.489)			(73.074)
			T. 8 S., R. 88 W., 6th P.M.								
RW-4	Sunfire Ranch Holdings, LLC A Colorado Limited Liability Company 6333 Highway 133 Carbondale, CO 81623	6333 Highway 133 Carbondale, Colorado 81623	SE1/4 NW1/4 & NE1/4 SW1/4 Section 34	81,394 (1.869)		81,394 (1.869)				08834B2021	for rockfall mitigation, installation & maintenance of rockfall netting and anchors

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118 West Sixth Street, Suite 200
Glenwood Springs, CO 81601
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Project Control Diagram			
Title Sheet			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.01

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

PROJECT CONTROL DIAGRAM

State Highway 133 MP 42.0 to 65.0
Section 12, Township 11 South, Range 89 West,
Sections 4, 8, 9, 17, 20, 29, 30, 31, Township 10 South, Range 88 West
Sections 3, 9, 16, 21, Township 9 South, Range 88 West
Sections 27, 34, Township 8 South, Range 88 West
of the 6th Principal Meridian
Counties of Pitkin & Gunnison

SHEET NO.	INDEX OF SHEETS
3.01	(1) Title Sheet
3.02-3.03	(2) Coordinate Tables
3.04-3.05	(2) Plan Sheet Keymaps
3.06-3.21	(16) Plan Sheet
(21) Total Sheets	

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N10° 38' 49" E from MP 50.63 to MP 62.38. Both monuments are CDDT Type 2, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based on the Mesa County Virtual Reference Network (MCAVRN).

Basis of Elevations: Project elevations are based one Bench Mark per site location and are NAVD 88 elevations. All Bench Mark elevations are geoid derived (using geoid 12B) based on static observations from the Mesa County Virtual Reference Network. All Control Point elevations were obtained by differential leveling from the site Bench Marks.

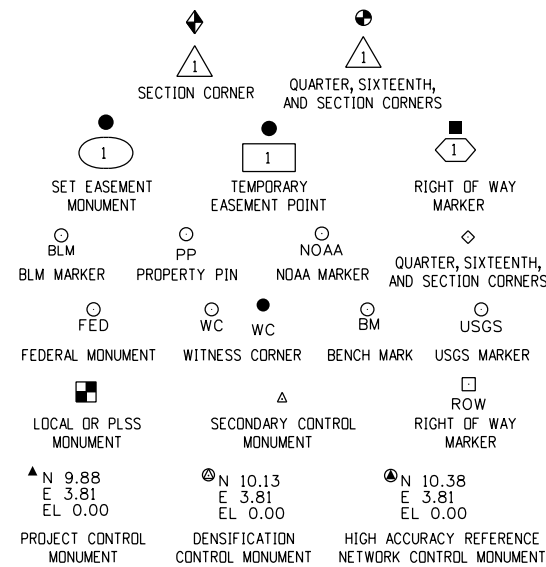
Site Bench Marks: WP 41000 = 8275.24ft, WP 41003 = 7380.28ft,
MP 50.63 = 7233.60ft, MP 52.83 = 7136.76ft, MP 58.28 = 6665.78ft,
MP 60.96 = 6471.73ft, MP 61.53 = 6432.44ft, MP 62.18 = 6402.16ft

COORDINATE DATUM: Project coordinates are modified Colorado State Plane Central Zone NAD '83/(2011) coordinates. The combined elevation/scale factor used to modify the coordinates from state plane to project coordinates is 1.0003824646. The CHARN is based on the NAD '83(2011) datum.

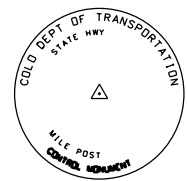
Project Coordinates Northing US Survey Feet = State Plane Coordinate Northing (sft) - Seed Point Northing (sft) * Combined Scale Factor (1.0003824646) + Seed Point Northing (sft).
1491292.764 - 1520458.432 = -29165.668 * 1.0003824646 = -29176.823
+ 1520458.432 = 1491281.61

Project Coordinates Easting US Survey Feet = State Plane Coordinate Easting (sft) - Seed Point Easting (sft) * Combined Scale Factor (1.0003824646) + Seed Point Easting (sft).
2505537.820 - 2508298.385 = -2760.565 * 1.0003824646 = -2761.621
+ 2508298.385 = 2505536.76

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.



Note: For a complete listing of symbolology 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. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening.

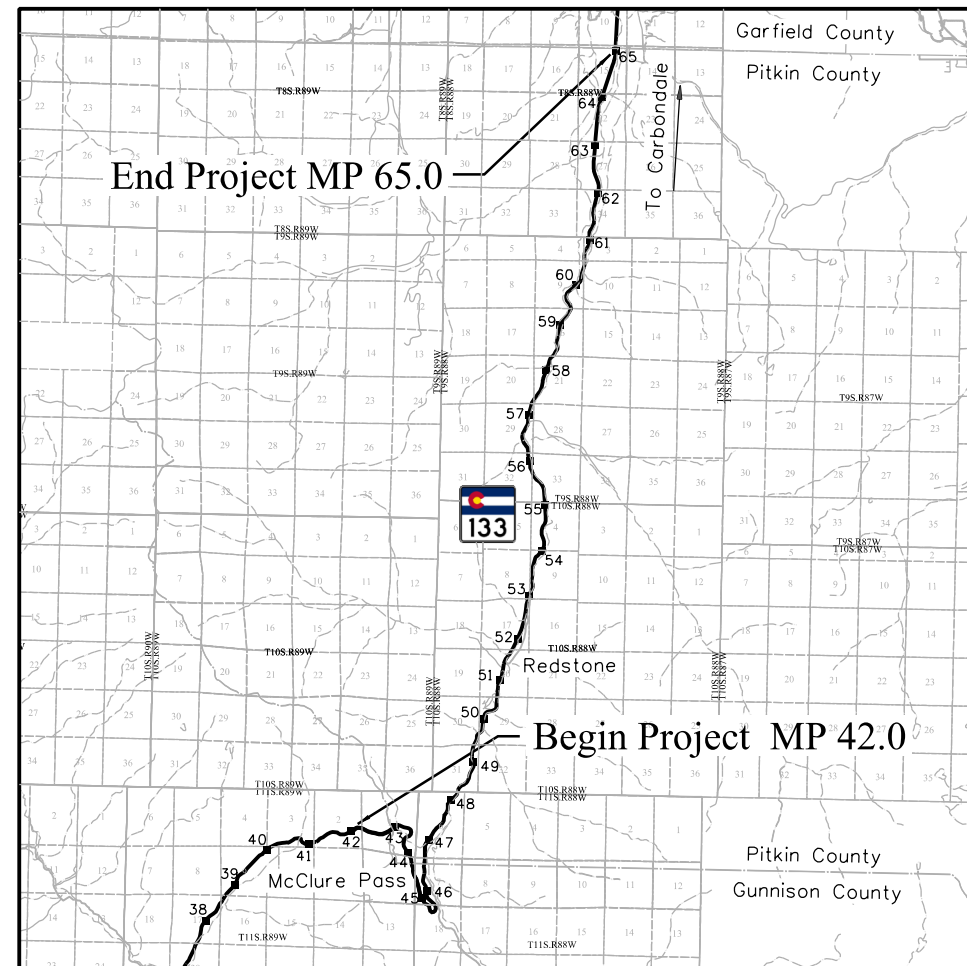


Typical Control Monument Cap
Not to Scale

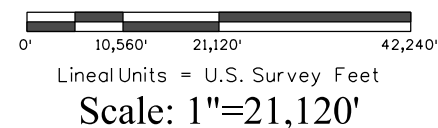
▲ MP - Control Point Monuments set by SGM. They are CDDT Type 2 monuments, a 3 1/4" dia. aluminum control monument cap (as shown) on a 3' x 3/4" dia. aluminum security rod unless otherwise noted.

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 found in The Colorado Department of Transportation, M & S Standards for typical survey monument descriptions.



PROJECT LOCATION MAP



SURVEYOR STATEMENT (PROJECT CONTROL DIAGRAM)

I, Richard A. Harrison, 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. 38180





Sheet Revisions

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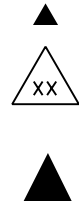
118 West Sixth Street, Suite 200
Glenwood Springs, CO 81601
970.945.1004 www.sgm-inc.com

Project Control Diagram

Coordinate Tables			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.02

GEODETIC COORDINATE TABLE

Point No.	Geodetic Coordinates NAD-83(2011) (CHARN)		Elip Height (sft)	Ortho Height (NAVD88) (sft)	Mapping Angle	Grid Scale Factor	NAD 83(2011) Zone 0502		Description
	Latitude(N)	Longitude(W)					SP Northing(sft)	SP Easting(sft)	
WP 41000	39°07'11.51252"	107°16'33.48610"	8227.068	8275.24	-1°07'12.30"	0.999542714	1473474.780	2496174.809	SET CDOT TYPE 6 MONUMENT
WP 41001	39°07'06.38929"	107°16'34.17292"	8182.231	8230.41	-1°07'12.74"	0.999544849	1472957.627	2496110.560	SET CDOT TYPE 6 MONUMENT
WP 41002	39°07'02.70620"	107°16'32.27970"	8152.184	8200.36	-1°07'11.54"	0.999546279	1472582.168	2496252.453	SET CDOT TYPE 6 MONUMENT
WP 41003	39°08'40.49421"	107°15'17.46243"	7332.371	7380.28	-1°06'24.36"	0.999585700	1482358.866	2502338.827	SET CDOT TYPE 6 MONUMENT
WP 41004	39°08'50.91759"	107°15'12.74539"	7316.436	7364.33	-1°06'21.38"	0.999586501	1483406.020	2502730.721	SET CDOT TYPE 6 MONUMENT
WP 41005	39°08'56.28134"	107°15'09.89839"	7309.164	7357.05	-1°06'19.59"	0.999586870	1483944.238	2502965.427	SET CDOT TYPE 6 MONUMENT
MP 50.63	39°10'09.39304"	107°14'39.04055"	7185.811	7233.60	-1°06'00.13"	0.999593124	1491292.764	2505537.820	SET CDOT TYPE 2 MONUMENT
MP 50.68	39°10'12.03202"	107°14'38.84297"	7181.265	7229.06	-1°06'00.00"	0.999593356	1491559.401	2505558.502	SET CDOT TYPE 2 MONUMENT
MP 50.73	39°10'14.74253"	107°14'38.59536"	7176.000	7223.79	-1°05'59.84"	0.999593624	1491833.197	2505583.263	SET CDOT TYPE 2 MONUMENT
MP 52.68	39°11'49.59568"	107°14'00.39365"	7990.820	7138.53	-1°05'35.75"	0.999598358	1501370.164	2508774.240	SET CDOT TYPE 2 MONUMENT
MP 52.83	39°11'57.53341"	107°13'58.95634"	7989.059	7136.76	-1°05'34.84"	0.999598507	1502170.921	2508902.686	SET CDOT TYPE 2 MONUMENT
MP 52.92	39°12'02.01728"	107°13'57.60233"	7986.363	7134.06	-1°05'33.99"	0.999598673	1502622.441	2509017.905	SET CDOT TYPE 2 MONUMENT
MP 53.13	39°12'12.09365"	107°13'52.56872"	7984.421	7132.11	-1°05'30.82"	0.999598852	1503634.131	2509433.495	SET CDOT TYPE 2 MONUMENT
MP 53.25	39°12'18.40645"	107°13'53.87641"	7968.247	7115.94	-1°05'31.64"	0.999599680	1504274.645	2509342.752	SET CDOT TYPE 2 MONUMENT
MP 53.42	39°12'27.34638"	107°13'53.06627"	7948.785	7096.48	-1°05'31.13"	0.999600690	1505177.722	2509423.745	SET CDOT TYPE 2 MONUMENT
MP 53.49	39°12'30.54167"	107°13'53.23851"	7942.882	7090.58	-1°05'31.24"	0.999601000	1505501.190	2509416.352	SET CDOT TYPE 2 MONUMENT
MP 53.60	39°12'36.17024"	107°13'51.67808"	7934.209	7081.91	-1°05'30.25"	0.999601466	1506068.192	2509549.999	SET CDOT TYPE 2 MONUMENT
MP 53.69	39°12'40.42018"	107°13'50.23136"	7926.798	7074.50	-1°05'29.34"	0.999601860	1506495.913	2509672.037	SET CDOT TYPE 2 MONUMENT
MP 53.78	39°12'44.73817"	107°13'47.65501"	7919.597	7067.29	-1°05'27.72"	0.999602244	1506928.825	2509883.093	SET CDOT TYPE 2 MONUMENT
MP 53.98	39°12'52.97805"	107°13'38.80960"	7902.892	7050.57	-1°05'22.14"	0.999603121	1507749.061	2510594.994	SET CDOT TYPE 2 MONUMENT
MP 54.09	39°12'58.39680"	107°13'37.04068"	6988.975	7036.66	-1°05'21.02"	0.999603838	1508294.534	2510744.608	SET CDOT TYPE 2 MONUMENT
MP 58.28	39°16'21.70508"	107°13'32.53493"	6617.648	6665.78	-1°05'18.18"	0.999624044	1528853.033	2511489.851	SET CDOT TYPE 2 MONUMENT
MP 58.31	39°16'22.85107"	107°13'31.04985"	6610.484	6658.62	-1°05'17.24"	0.999624403	1528966.736	2511608.815	SET CDOT TYPE 2 MONUMENT
MP 58.37	39°16'25.01603"	107°13'28.19718"	6597.554	6645.69	-1°05'15.45"	0.999625052	1529181.471	2511837.258	SET CDOT TYPE 2 MONUMENT
MP 60.96	39°18'24.64057"	107°12'42.83288"	6423.278	6471.73	-1°04'46.83"	0.999635291	1541214.541	2515631.967	SET CDOT TYPE 2 MONUMENT
MP 61.02	39°18'27.75870"	107°12'41.97574"	6418.835	6467.30	-1°04'46.29"	0.999635558	1541528.685	2515705.269	SET CDOT TYPE 2 MONUMENT
MP 61.12	39°18'32.84014"	107°12'42.71364"	6409.435	6457.92	-1°04'46.76"	0.999636096	1542043.789	2515656.968	SET CDOT TYPE 2 MONUMENT
MP 61.51	39°18'55.11369"	107°12'37.14547"	6386.401	6434.95	-1°04'43.25"	0.999637594	1544288.624	2516136.956	SET CDOT TYPE 2 MONUMENT
MP 61.53	39°18'56.41711"	107°12'37.52050"	6383.885	6432.44	-1°04'43.48"	0.999637738	1544421.027	2516109.970	SET CDOT TYPE 2 MONUMENT
MP 61.57	39°18'58.31230"	107°12'38.06319"	6381.866	6430.43	-1°04'43.83"	0.999637869	1544613.538	2516070.938	SET CDOT TYPE 2 MONUMENT
MP 62.18	39°19'29.49415"	107°12'31.09662"	6353.511	6402.16	-1°04'39.43"	0.999639802	1547757.438	2516677.670	SET CDOT TYPE 2 MONUMENT
MP 62.27	39°19'34.23329"	107°12'32.82392"	6349.787	6398.46	-1°04'40.52"	0.999640069	1548239.379	2516550.983	SET CDOT TYPE 2 MONUMENT
MP 62.38	39°19'39.45320"	107°12'35.59403"	6344.556	6393.25	-1°04'42.27"	0.999640419	1548771.496	2516343.291	SET CDOT TYPE 2 MONUMENT





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Project Control Diagram			
Coordinate Tables			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.03



PROJECT COORDINATE TABLE				
Point No.	Project Coordinates		Elev(sft) (NAVD88)	Description
	Northing(sft)	Easting(sft)		
WP 41000	1473456.81	2496170.17	8275.24	SET CDOT TYPE 6 MONUMENT
WP 41001	1472939.46	2496105.90	8230.41	SET CDOT TYPE 6 MONUMENT
WP 41002	1472563.86	2496247.85	8200.36	SET CDOT TYPE 6 MONUMENT
WP 41003	1482344.29	2502336.55	7380.28	SET CDOT TYPE 6 MONUMENT
WP 41004	1483391.85	2502728.59	7364.33	SET CDOT TYPE 6 MONUMENT
WP 41005	1483930.27	2502963.39	7357.05	SET CDOT TYPE 6 MONUMENT
MP 50.63	1491281.61	2505536.76	7233.60	SET CDOT TYPE 2 MONUMENT
MP 50.68	1491548.35	2505557.45	7229.06	SET CDOT TYPE 2 MONUMENT
MP 50.73	1491822.25	2505582.22	7223.79	SET CDOT TYPE 2 MONUMENT
MP 52.68	1501362.86	2508774.42	7138.52	SET CDOT TYPE 2 MONUMENT
MP 52.83	1502163.93	2508902.92	7136.76	SET CDOT TYPE 2 MONUMENT
MP 52.92	1502615.62	2509018.18	7134.06	SET CDOT TYPE 2 MONUMENT
MP 53.13	1503627.70	2509433.93	7132.10	SET CDOT TYPE 2 MONUMENT
MP 53.25	1504268.46	2509343.15	7115.94	SET CDOT TYPE 2 MONUMENT
MP 53.42	1505171.88	2509424.18	7096.48	SET CDOT TYPE 2 MONUMENT
MP 53.49	1505495.47	2509416.78	7090.58	SET CDOT TYPE 2 MONUMENT
MP 53.60	1506062.69	2509550.48	7081.91	SET CDOT TYPE 2 MONUMENT
MP 53.69	1506490.57	2509672.56	7074.50	SET CDOT TYPE 2 MONUMENT
MP 53.78	1506923.65	2509883.70	7067.29	SET CDOT TYPE 2 MONUMENT
MP 53.98	1507744.20	2510595.87	7050.57	SET CDOT TYPE 2 MONUMENT
MP 54.09	1508289.88	2510745.54	7036.66	SET CDOT TYPE 2 MONUMENT
MP 58.28	1528856.24	2511491.07	6665.78	SET CDOT TYPE 2 MONUMENT
MP 58.31	1528969.99	2511610.08	6658.62	SET CDOT TYPE 2 MONUMENT
MP 58.37	1529184.81	2511838.61	6645.69	SET CDOT TYPE 2 MONUMENT
MP 60.96	1541222.48	2515634.77	6471.73	SET CDOT TYPE 2 MONUMENT
MP 61.02	1541536.74	2515708.10	6467.29	SET CDOT TYPE 2 MONUMENT
MP 61.12	1542052.04	2515659.78	6457.91	SET CDOT TYPE 2 MONUMENT
MP 61.51	1544297.74	2516139.95	6434.95	SET CDOT TYPE 2 MONUMENT
MP 61.53	1544430.19	2516112.96	6432.44	SET CDOT TYPE 2 MONUMENT
MP 61.57	1544622.78	2516073.91	6430.43	SET CDOT TYPE 2 MONUMENT
MP 62.18	1547767.88	2516680.87	6402.16	SET CDOT TYPE 2 MONUMENT
MP 62.27	1548250.00	2516554.14	6398.46	SET CDOT TYPE 2 MONUMENT
MP 62.38	1548782.32	2516346.37	6393.25	SET CDOT TYPE 2 MONUMENT

PC 23182 PROJECT COORDINATE TABLE (For Informational Purposes)*				
Point No.	Project Coordinates		Elev(sft) (NAVD88)	Description
	Northing(sft)	Easting(sft)		
WP 109	1535707.31	2513098.56	6559.51	CDOT TYPE 6 MONUMENT
WP 110	1536054.38	2513314.25	6556.94	CDOT TYPE 6 MONUMENT
WP 111	1536254.35	2513626.10	6547.19	CDOT TYPE 6 MONUMENT
WP 112	1535240.55	2513007.03	6566.34	CDOT TYPE 6 MONUMENT
WP 125	1487212.75	2503368.50	7324.52	CDOT TYPE 6 MONUMENT
WP 126	1486830.04	2503313.06	7332.79	CDOT TYPE 6 MONUMENT
WP 127	1486086.16	2503009.42	7341.32	CDOT TYPE 6 MONUMENT

* Note: monuments set during CDOT Project Number C 133A-049, Project Code 23182.

Local Site Settings	
Coordinate System:	US State Plane 1983 (Modified - to Ground)
Coordinate Zone:	Colorado Central 0502
Coordinate Datum:	NAD 83 (2011)
Geoid:	12B
Project Latitude:	39°14'58.14520"N
Project Longitude:	107°14'11.07166"W
Project Height:	6740.745 sft
Ground Scale Factor:	1.0003824646
False Northing Offset:	0.000
False Easting Offset:	0.000
Project Northing (seed):	1520458.432 sft
Project Easting (seed):	2508298.385 sft

Note: Project scale location = Pt. No. 60000, a found 3/4" rebar, as shown in Project Control Diagram, CDOT Project No. C 133A-049, Project Code 23182.



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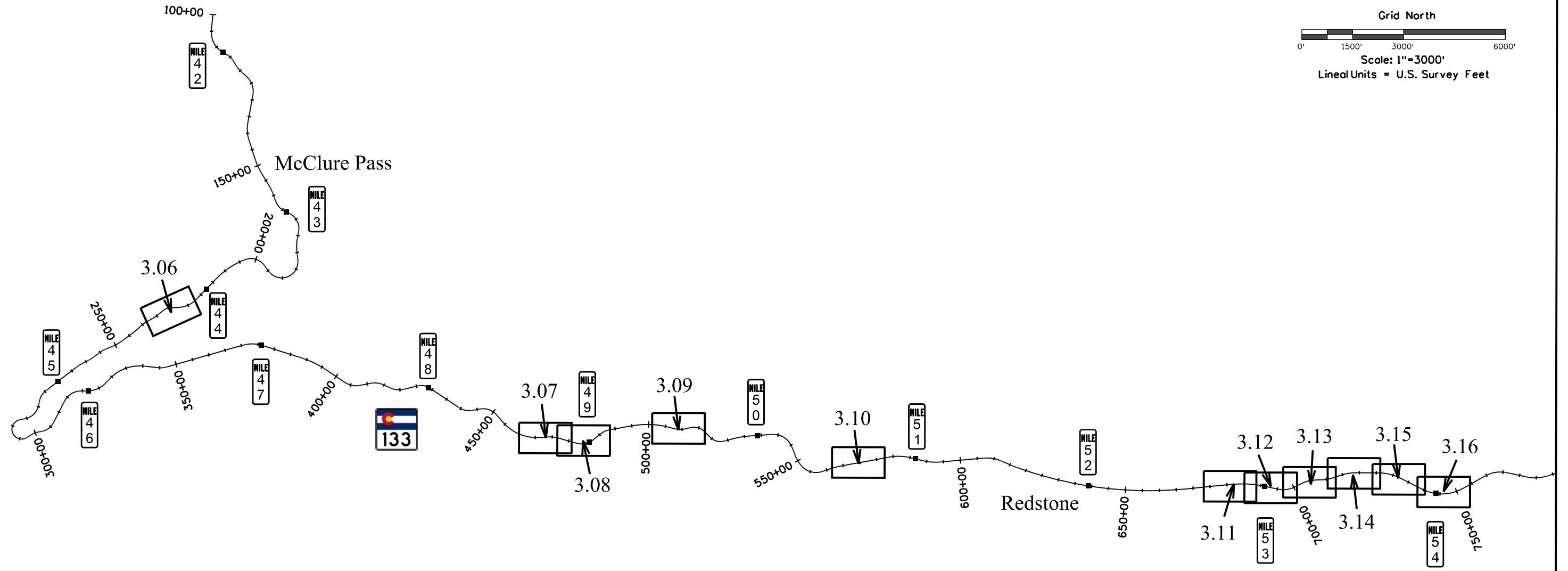
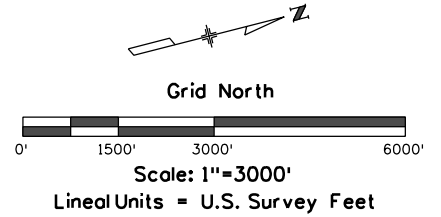
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Project Control Diagram

Plan Sheet Keymap

Project Number: C 133A-052
 Project Location: SH 133 Rockfall North of McClure Phase 2

Project Code	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.04





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Project Control Diagram

Plan Sheet Keymap

Project Number: C 133A-052
 Project Location: SH 133 Rockfall North of McClure Phase 2

Project Code	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.05



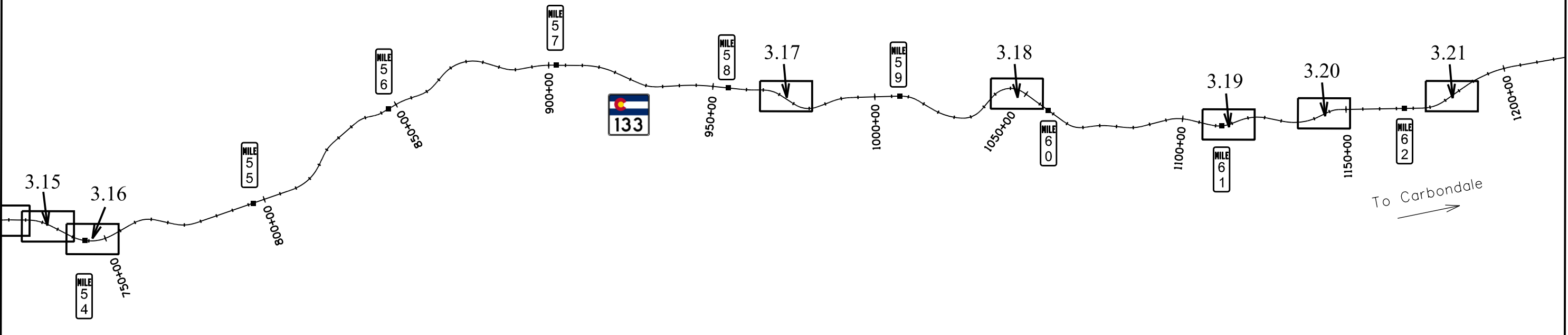
Grid North



Scale: 1"=3000'

Lineal Units = U.S. Survey Feet

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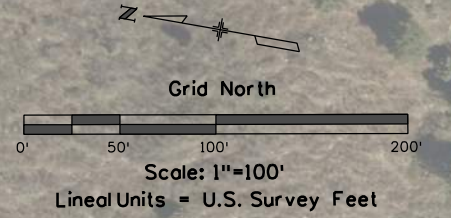
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Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.06



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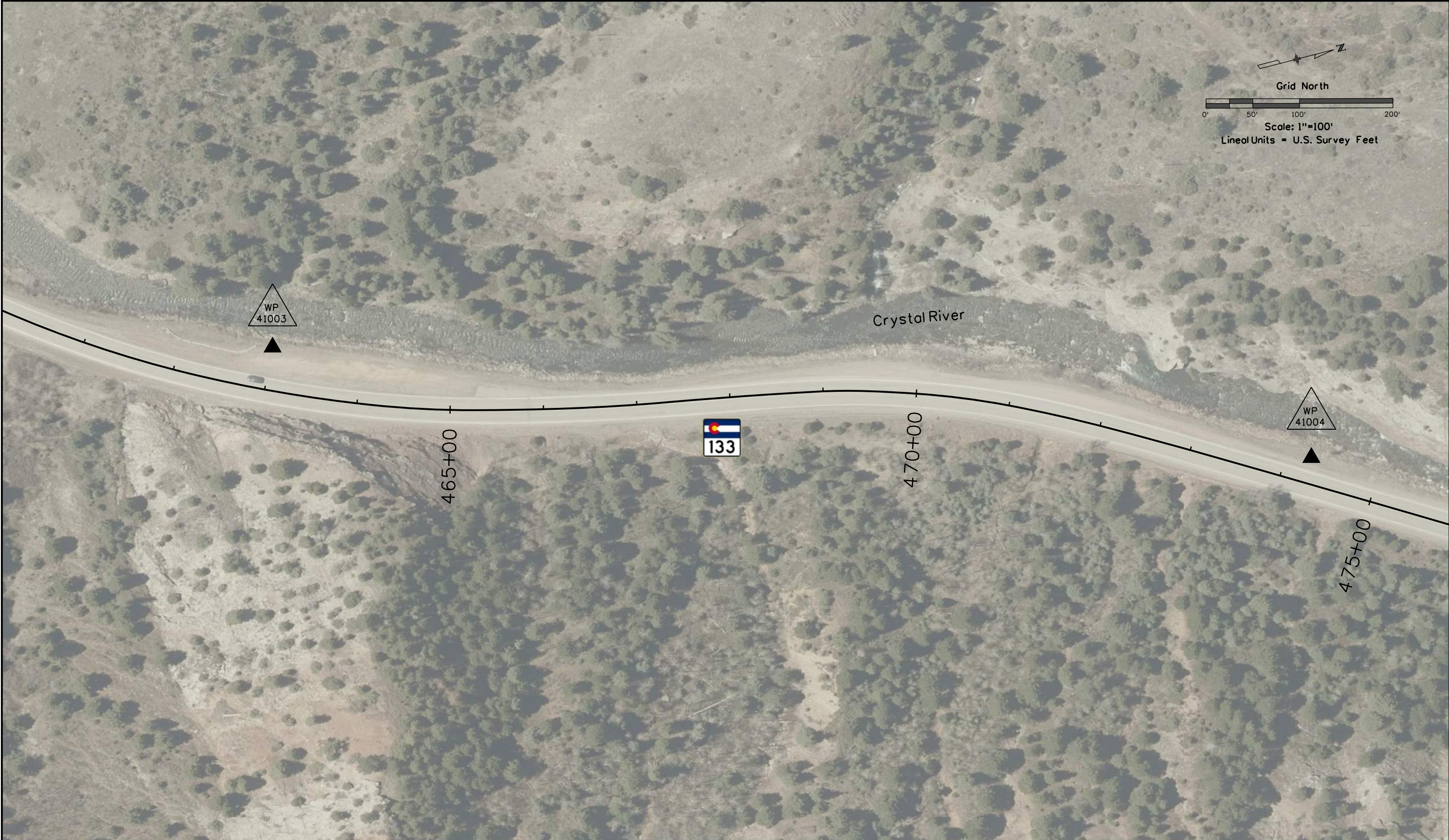


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Project Control Diagram

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.07



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Project Control Diagram

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.08



5/25/2022 rharrison 12:43:02 PM I:\2021\2021-620-SH133RockfallPh2\001-24279-ExCon\Drawings\Survey\Drawings\24279SURV_PCD-Plan05.dgn



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Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.09



Note: monuments shown hereon were set during CDOT Project C 133A-049, Project Code 23182 and are for informational purposes only

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Project Control Diagram

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.10



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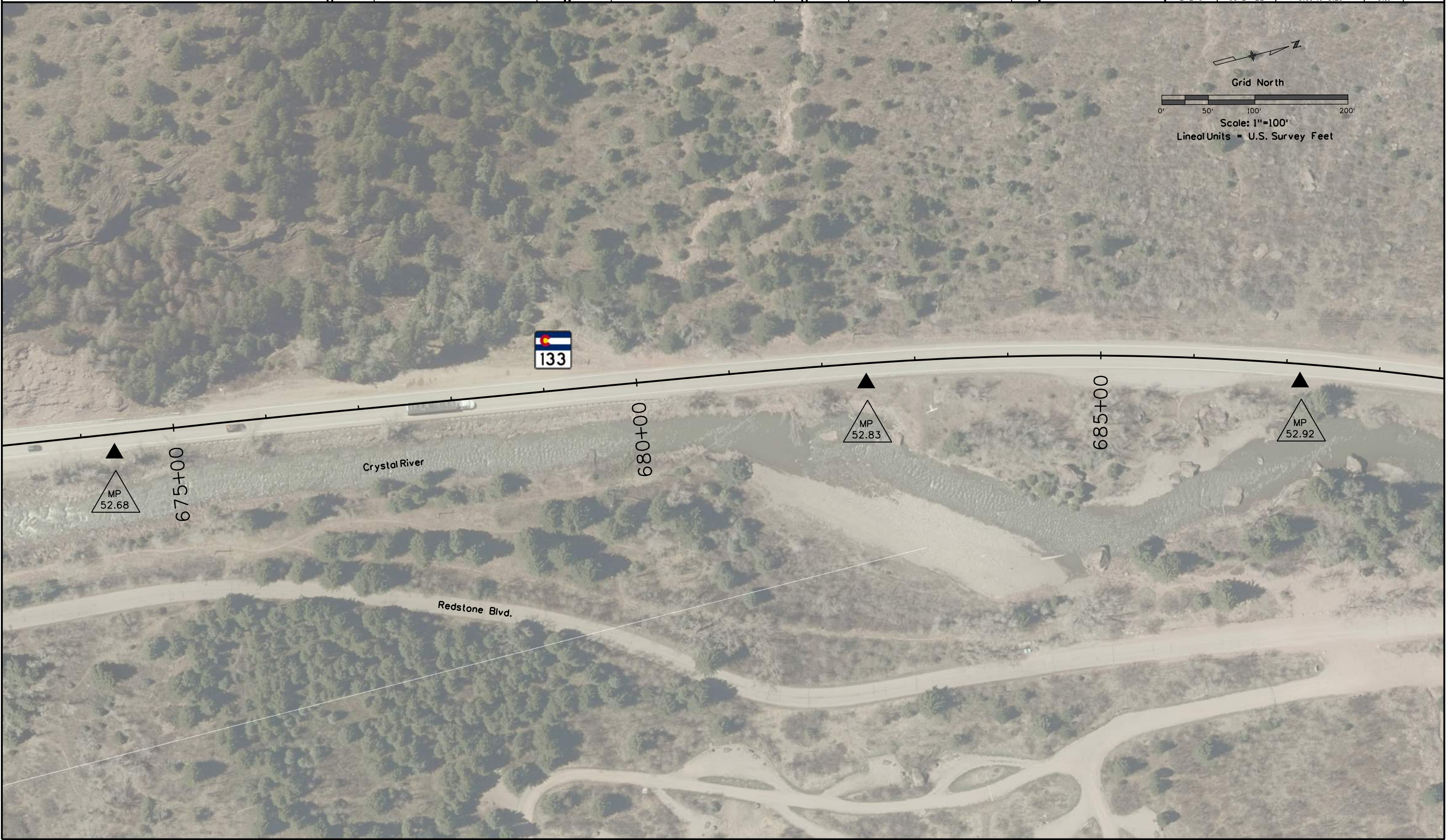
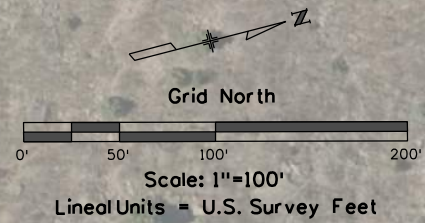


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Project Number: C 133A-052

Project Location: SH 133 Rockfall North of McClure Phase 2

Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.11



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Project Control Diagram			
Plan Sheet			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.12



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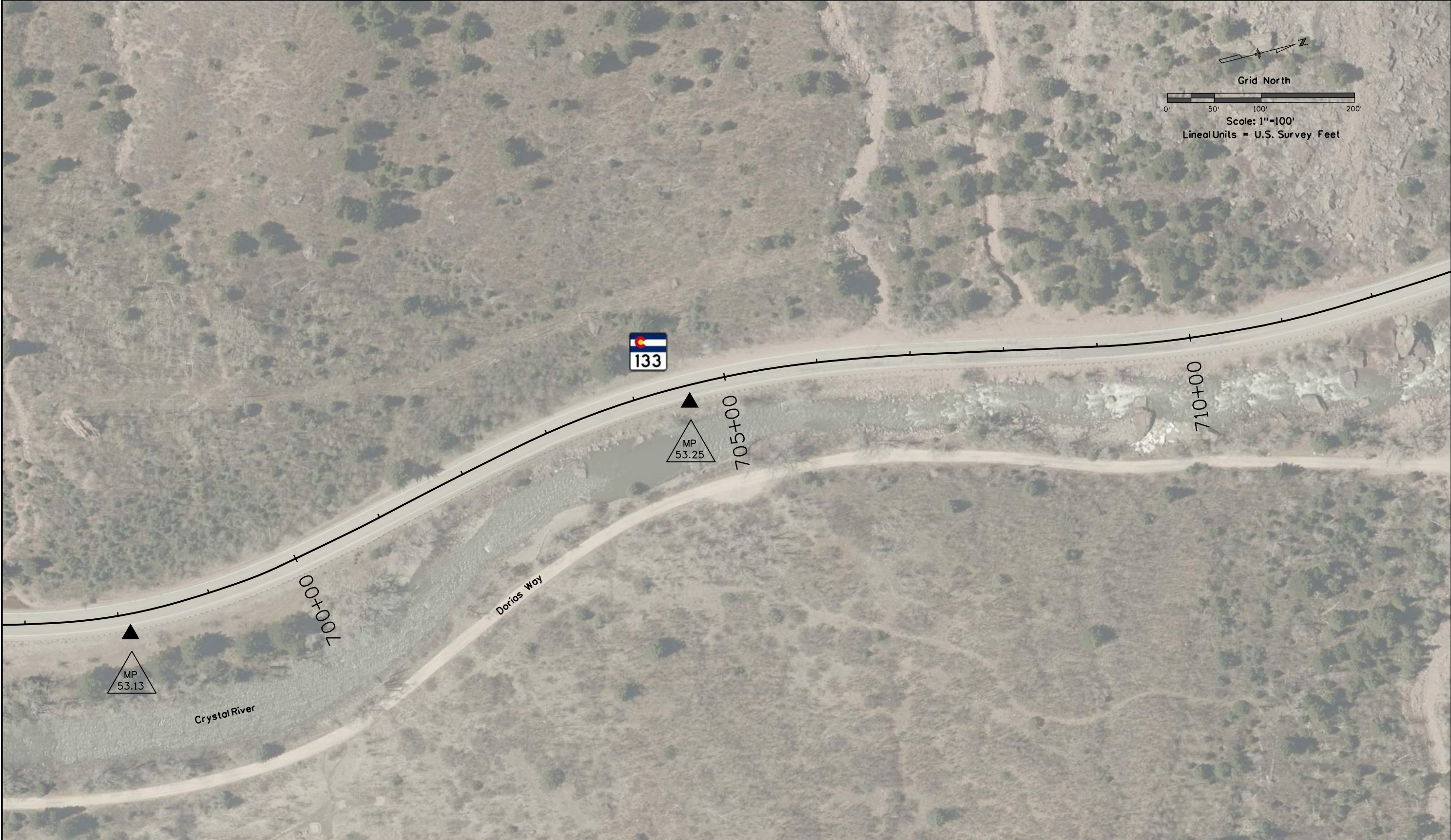
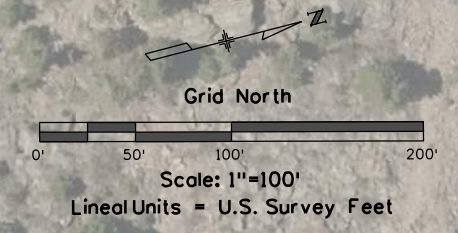


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Project Control Diagram

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.13



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Project Control Diagram

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.14



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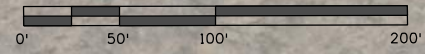
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Project Control Diagram

Project Control Diagram			
Plan Sheet			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.15



Grid North



Scale: 1"=100'

Lineal Units = U.S. Survey Feet

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Project Control Diagram

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.16

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Project Control Diagram

Plan Sheet

Project Number: C 133A-052

Project Location: SH 133 Rockfall North of McClure Phase 2

Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	3.01 to 3.21	3.17



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Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.18



Note: monuments shown hereon were set during CDOT Project C 133A-049, Project Code 23182 and are for informational purposes only

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Project Control Diagram

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	04-24-22	3.01 to 3.21	3.19



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Project Control Diagram

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.20



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Project Control Diagram

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	3.01 to 3.21	3.21



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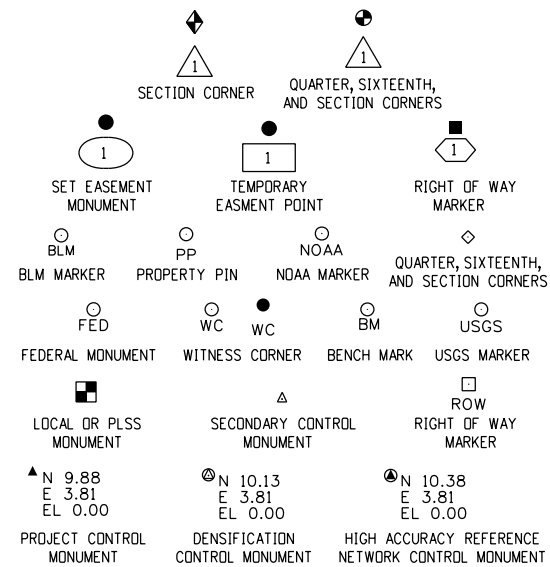
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Land Survey Control Diagram			
Title Sheet			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	4.01 to 4.14	4.01

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

SHEET NO.	INDEX OF SHEETS
4.01	(1) Title Sheet
4.02-4.03	(2) Monument Coordinate Tables
4.04-4.05	(2) Plan Sheet Keymaps
4.06-4.14	(9) Plan Sheets
(14) Total Sheets	

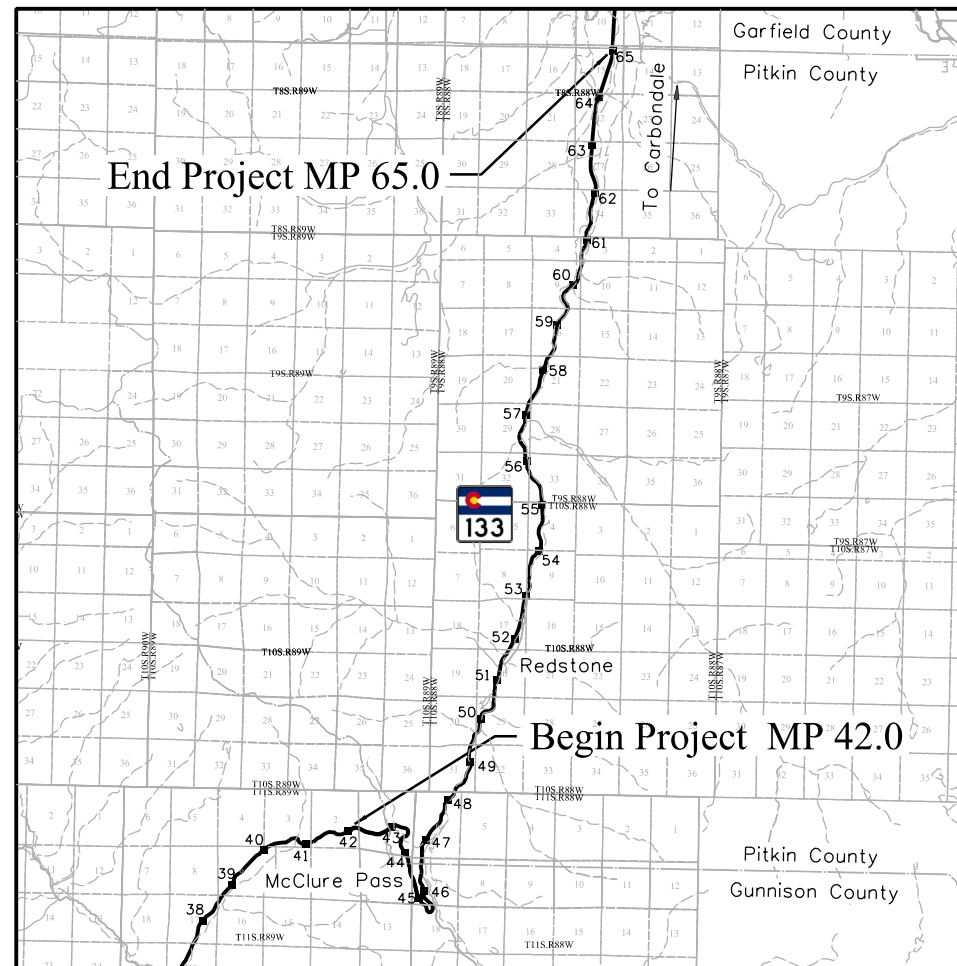
LAND SURVEY CONTROL DIAGRAM State Highway 133 MP 42.0 to 65.0 Section 12, Township 11 South, Range 89 West, Sections 4, 8, 9, 17, 20, 29, 30, 31, Township 10 South, Range 88 West Sections 3, 9, 16, 21, Township 9 South, Range 88 West Sections 27, 34, Township 8 South, Range 88 West of the 6th Principal Meridian Counties of Pitkin & Gunnison



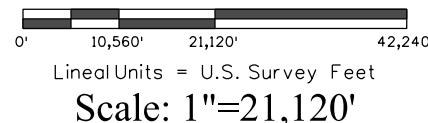
Note: For a complete listing of symbology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight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

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.
- Title policy, title commitment, and title research are not part of this survey, therefore 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.
- 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.
- Refer to the M-629-1 Survey Monuments of the Standard Plans found in The Colorado Department of Transportation, M & S Standards for typical survey monument descriptions.



PROJECT LOCATION MAP



Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N10°38'49"E from MP 50.63 to MP 62.38. Both monuments are CDDT Type 2, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based on the Mesa County Virtual Reference Network (MCMVRN).

Basis of Elevations: Project elevations are based one Bench Mark per site location and are NAVD 88 elevations. All Bench Mark elevations are geoid derived (using geoid 12B) based on static observations from the Mesa County Virtual Reference Network. All Control Point elevations were obtained by differential leveling from the site Bench Marks.

Site Bench Marks: WP 41000 = 8275.24ft, WP 41003 = 7380.28ft, MP 50.63 = 7233.60ft, MP 52.83 = 7136.76ft, MP 58.28 = 6665.78ft, MP 60.96 = 6471.73ft, MP 61.53 = 6432.44ft, MP 62.18 = 6402.16ft

COORDINATE DATUM: Project coordinates are modified Colorado State Plane Central Zone NAD '83/(2011) coordinates. The combined elevation/scale factor used to modify the coordinates from state plane to project coordinates is 1.0003824646. The CHARN is based on the NAD '83(2011) datum.

Project Coordinates Northing US Survey Feet = State Plane Coordinate Northing (sft) - Seed Point Northing (sft) * Combined Scale Factor (1.0003824646) + Seed Point Northing (sft).
1491292.764 - 1520458.432 = -29165.668 * 1.0003824646 = -29176.823 + 1520458.432 = 1491281.61

Project Coordinates Easting US Survey Feet = State Plane Coordinate Easting (sft) - Seed Point Easting (sft) * Combined Scale Factor (1.0003824646) + Seed Point Easting (sft).
2505537.820 - 2508298.385 = -2760.565 * 1.0003824646 = -2761.621 + 2508298.385 = 2505536.76

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, Richard A. Harrison, 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.

PLS No. 38180





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Land Survey Control Diagram			
Monument Coordinate Tables			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	4.01 to 4.14	4.02

FOUND ALIQUOT MONUMENT COORDINATE TABLE

Point No.	Northing(ft)	Easting(ft)	Description
2000	1541987.47	2517139.72	3.25" ALUMINUM CAP ON 2.5" ALUMINUM POST BLM RM
2001	1541989.80	2517155.84	3.25" ALUMINUM CAP ON 2.5" ALUMINUM POST BLM RM
2002	1547261.25	2516896.45	3" BRASS CAP ON 2" IRON POST 2003 LS 15710
2003	1541982.20	2517144.35	CALCULATED POSITION OF WC FROM REFERENCES
2004	1544608.40	2516875.07	3" BRASS CAP ON 2" IRON POST 2003 LS 15710
2005	1547236.44	2519545.77	3" ALUMINUM CAP ON 3/4" REBAR 2002 LS 15710
2006	1547291.99	2514262.41	3" BRASS CAP ON 2" IRON POST 2003 LS 15710
2007	1544638.07	2514229.25	3" BRASS CAP ON 2" POST 2003 LS 15710
2008	1542000.37	2514184.97	3.25" ALUMINUM CAP ON 2.5" ALUMINUM POST BLM S33 S34 1987
2009	1539404.00	2514726.83	3.25" ALUMINUM CAP ON 2.5" ALUMINUM POST BLM AP S4 S9 1987
2010	1541982.54	2516302.45	3.25" ALUMINUM CAP ON 2.5" ALUMINUM POST BLM W1/16 S3 1987
2011	1496598.84	2506332.55	2.5" BRASS CAP ON 1" IRON POST USGLO 1/4 S17 S20 1922
2012	1499537.85	2509013.68	2.5" BRASS CAP ON 1" IRON POST USGLO 1/4 S16 S17 1922
2013	1507538.92	2509564.42	2.5" BRASS CAP ON 1" IRON POST GLO WC S4 S9 1922
2014	1536764.77	2514961.48	3.25" BRASS CAP ON 2.5" ALUMINUM POST BLM 1/4 S9 S10 1987
34204	1541983.42	2515534.92	3" BRASS CAP ON 2" IRON POST BLM W1/16 S34 1988
34208	1541989.03	2514973.50	3" BRASS CAP ON 2" IRON POST BLM S3 S4 CC
34211	1541991.70	2514712.41	3.25" BRASS CAP IN ROCK FACE BLM AP S34 S4 1988
34321	1536786.63	2513643.56	3.25" BRASS CAP ON 2.5" ALUMINUM POST BLM CE 1/16 S9 1987
34404	1531539.80	2512245.87	3.25" ALUMINUM CAP ON 2.5" ALUMINUM POST BLM C1/4 S16 1987
34421	1526975.32	2510827.97	3.25" ALUMINUM CAP ON 2.5" ALUMINUM POST BLM PARCEL A AP26 S21 1988
34508	1502176.59	2509212.75	3.25" ALUMINUM CAP ON 2.5" ALUMINUM POST WC DOA FOREST SERVICE LS 10895 1993
34520	1528898.89	2512190.62	3.25" ALUMINUM CAP ON 2.5" ALUMINUM POST 1/4 S16 S21 BLM 1987



BLM



WC

* Note: monuments 2000-2002, & 2004-2014 were not retraced during this survey due to snow conditions. Positions were determined from previous surveys conducted by SGM.



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Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	4.01 to 4.14	4.03

ROW

FOUND R.O.W. MONUMENT COORDINATE TABLE			
Point No.	Northing(ft)	Easting(ft)	Description
2015	1509215.91	2510448.85	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
2016	1540601.98	2515361.49	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
2017	1507086.07	2509971.18	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
2018	1506183.89	2509624.90	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
2019	1506213.86	2509508.60	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
2020	1503255.59	2509354.70	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
2021	1501909.32	2508732.04	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
2022	1495156.12	2506261.43	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
2023	1494981.72	2506333.20	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34102	1555691.95	2516586.55	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34103	1555701.40	2516467.16	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34121	1547264.51	2516556.90	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34127	1542912.29	2515769.30	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34326	1536113.86	2513333.79	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34327	1536021.81	2513410.28	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34328	1534774.85	2513413.54	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34329	1534705.09	2513315.94	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34403	1532275.62	2512483.97	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34407	1531011.15	2512076.00	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34415	1528330.72	2511163.76	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34418	1528302.61	2511280.28	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34419	1527852.15	2511018.42	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34420	1527016.25	2510715.21	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34423	1509247.41	2510564.56	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34501	1541799.80	2515608.83	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34506	1500748.07	2508457.47	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
34507	1501877.83	2508935.33	CONCRETE POST CDOH ROW NO CAP
42515	1490574.30	2505560.44	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
42517	1490563.80	2505441.26	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
42520	1494024.16	2506179.99	3.25" BRASS CAP ON CONCRETE POST CDOH ROW
42521	1494042.63	2506065.57	3.25" BRASS CAP ON CONCRETE POST CDOH ROW

* Note: monuments 2015-2023 were not retraced during this survey due to snow conditions. Positions were determined from previous surveys conducted by SGM.

PP
WC

FOUND BOUNDARY MONUMENT COORDINATE TABLE			
Point No.	Northing(ft)	Easting(ft)	Description
2024	1491101.27	2505092.41	1.25" YELLOW PLASTIC CAP ON 5/8" REBAR LS 14111 WC
2025	1491128.55	2504992.65	1.25" YELLOW PLASTIC CAP ON 5/8" REBAR LS 14111 WC
2026	1491365.39	2504967.16	1.25" YELLOW PLASTIC CAP ON 5/8" REBAR LS 19598
2027	1490869.08	2505276.75	1.25" RED PLASTIC CAP ON 5/8" REBAR LS 19598 HCE WC
2028	1490780.97	2505311.22	1" ALUMINUM CAP ON 5/8" REBAR NO LS PROP COR 31A 30A WC
2029	1490539.94	2505382.60	1.25" RED PLASTIC CAP ON 5/8" REBAR LS 19598 HCE WC
2030	1493243.07	2505786.73	1.25" ORANGE PLASTIC CAP ON 5/8" REBAR LS 34585
2031	1507043.76	2509937.10	1.25" RED PLASTIC CAP ON 5/8" REBAR LS 27613 S. PARCEL2
2032	1495143.38	2506338.52	1.5" ALUMINUM CAP ON 5/8" REBAR LS 10732
31000	1502181.66	2508916.79	2" ALUMINUM CAP ON 5/8" REBAR PLS25972 40.0' WC
34108	1550442.44	2516174.59	1.25" YELLOW PLASTIC CAP ON 5/8" REBAR WC LS 29030
34111	1547994.87	2516466.17	1.25" ORANGE PLASTIC CAP ON 5/8" REBAR LS 28643
34112	1547999.36	2516332.37	1.25" ORANGE PLASTIC CAP ON 5/8" REBAR LS 28643
34113	1547750.02	2516537.70	1.25" RED PLASTIC CAP ON 5/8" REBAR WC LS 28643 WC R5 BENT SHOT AT BASE
34115	1547636.44	2516489.62	1.25" RED PLASTIC CAP ON 5/8" REBAR LS 28643
34116	1547935.15	2516487.71	1.25" RED PLASTIC CAP ON 5/8" REBAR 28643 R5 BENT SHOT CAP
34119	1547310.92	2516566.44	1.5" ALUMINUM CAP ON 5/8" REBAR LS 11530
34120	1547307.65	2516566.02	1.25" RED PLASTIC CAP ON 5/8" REBAR 1.3' IN THE AIR BENT SHOT AT BASE
34122	1547266.06	2516532.00	1.25" RED PLASTIC CAP ON 5/8" REBAR LS 3317
34123	1547264.10	2516680.57	1.5" ALUMINUM CAP ON 5/8" REBAR LS 24944
34216	1541743.29	2515614.14	1.25" RED PLASTIC CAP ON 5/8" REBAR LS 27613
34221	1541272.68	2515566.84	5/8" REBAR
34408	1531060.89	2512081.20	1.25" ORANGE PLASTIC CAP ON 5/8" REBAR LS 38215
34410	1530224.33	2512044.70	1" ORANGE PLASTIC CAP ON 1/2" REBAR LS 14111
34416	1528320.61	2511154.33	1.25" ORANGE PLASTIC CAP ON 5/8" REBAR LS 38215
34417	1528313.87	2511166.26	1" YELLOW PLASTIC CAP ON 1/2" REBAR LS 14111
42507	1491918.25	2505488.99	1.25" YELLOW PLASTIC CAP ON 5/8" REBAR LS 14111
42508	1491544.73	2505463.44	1.25" BLUE PLASTIC CAP ON 5/8" REBAR LS 38215 15' WC
42511	1491578.47	2504878.81	CONCRETE SPIKE LEANING SHOT AT BASE
42512	1491570.39	2504861.19	1.25" ORANGE PLASTIC CAP ON 5/8" REBAR LS 38215
42513	1491922.19	2505279.19	2" ALUMINUM CAP ON 5/8" REBAR LS 25972

* Note: monuments 2024-2032 were not retraced during this survey due to snow conditions. Positions were determined from previous surveys conducted by SGM.



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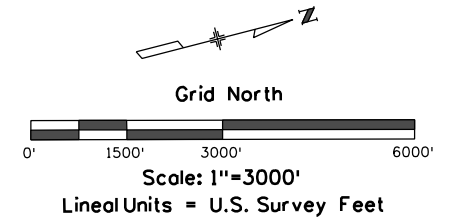
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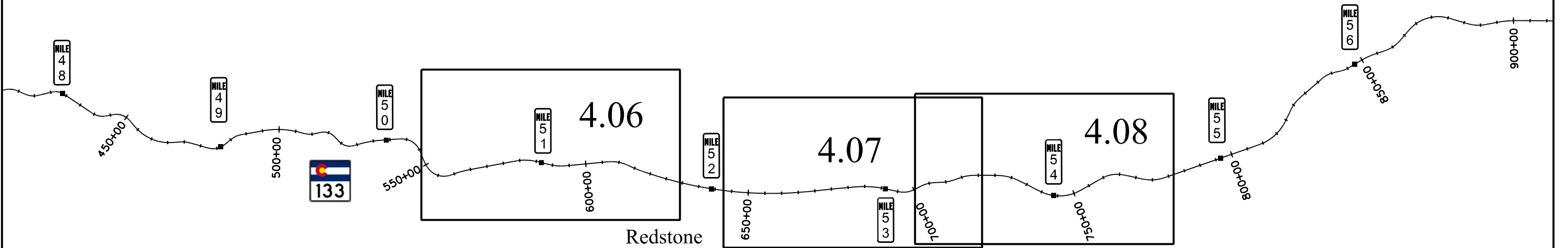


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Land Survey Control Diagram			
Plan Sheet Keymap			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	54-24-22	4.01 to 4.14	4.04



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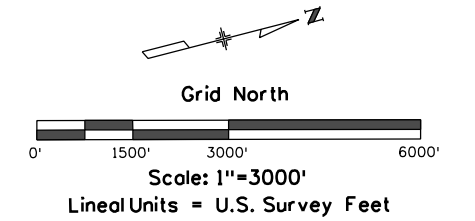
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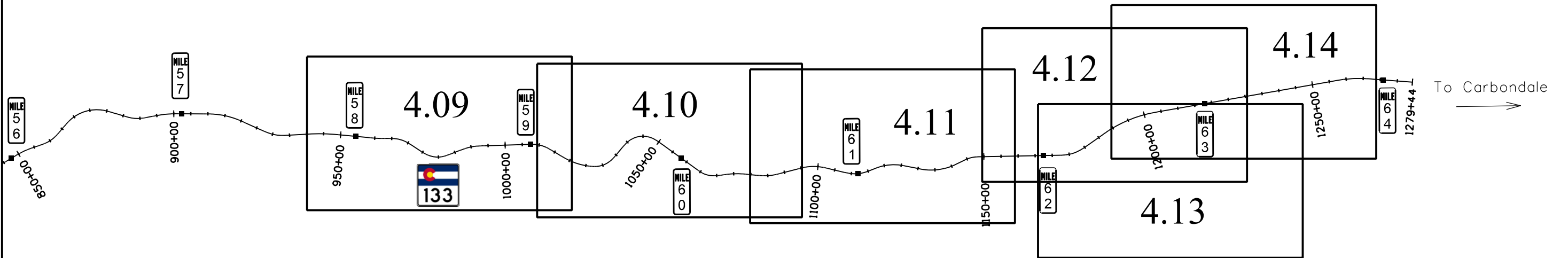


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Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	4.01 to 4.14	4.05



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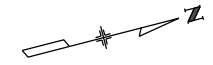
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Land Survey Control Diagram

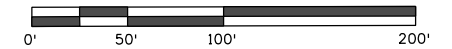
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Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
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T. 10 S., R. 88 W., 6th P.M., Sections 8, 9, 16 & 17 Pitkin County

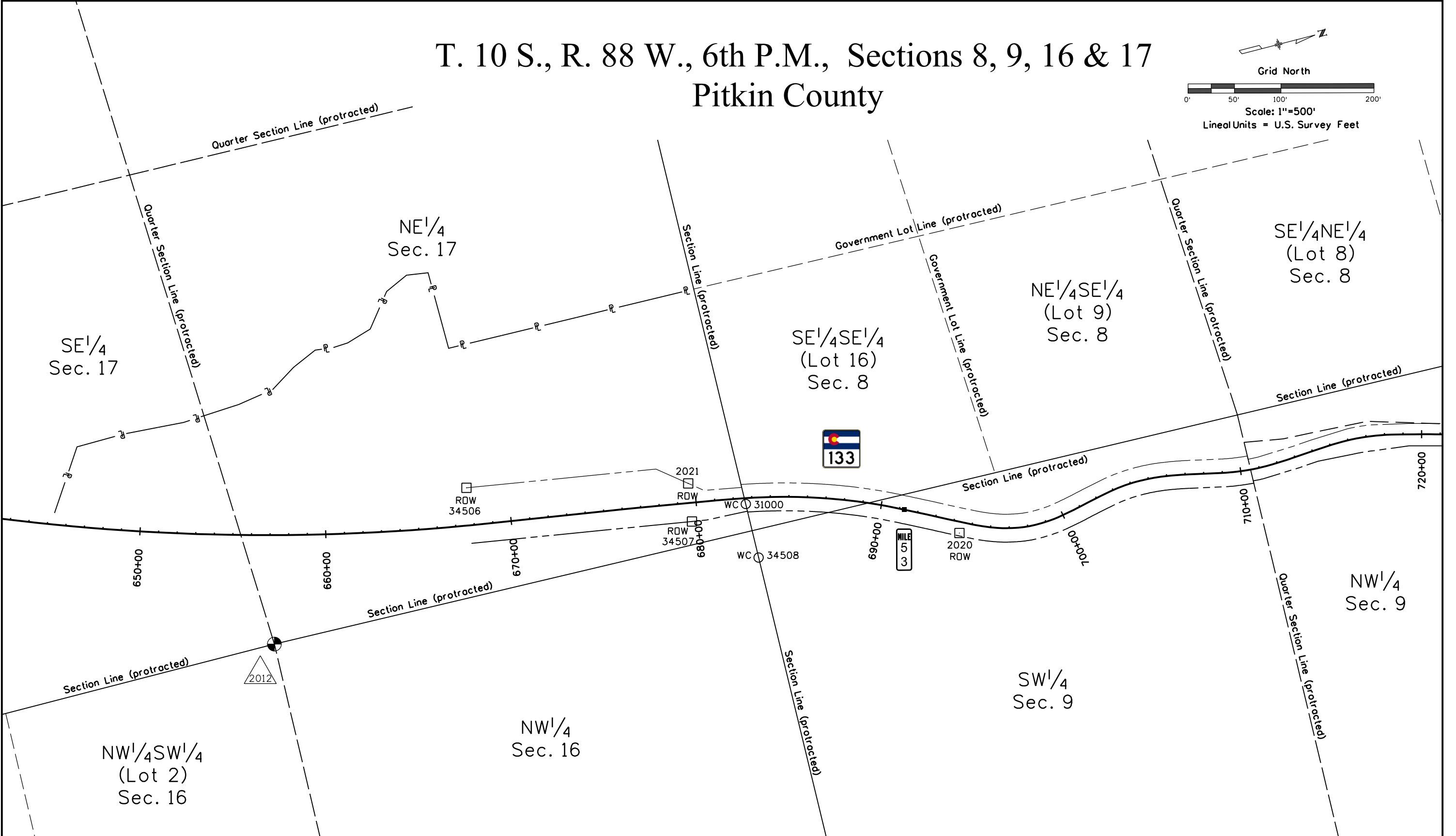


Grid North



Scale: 1"=500'

Lineal Units = U.S. Survey Feet



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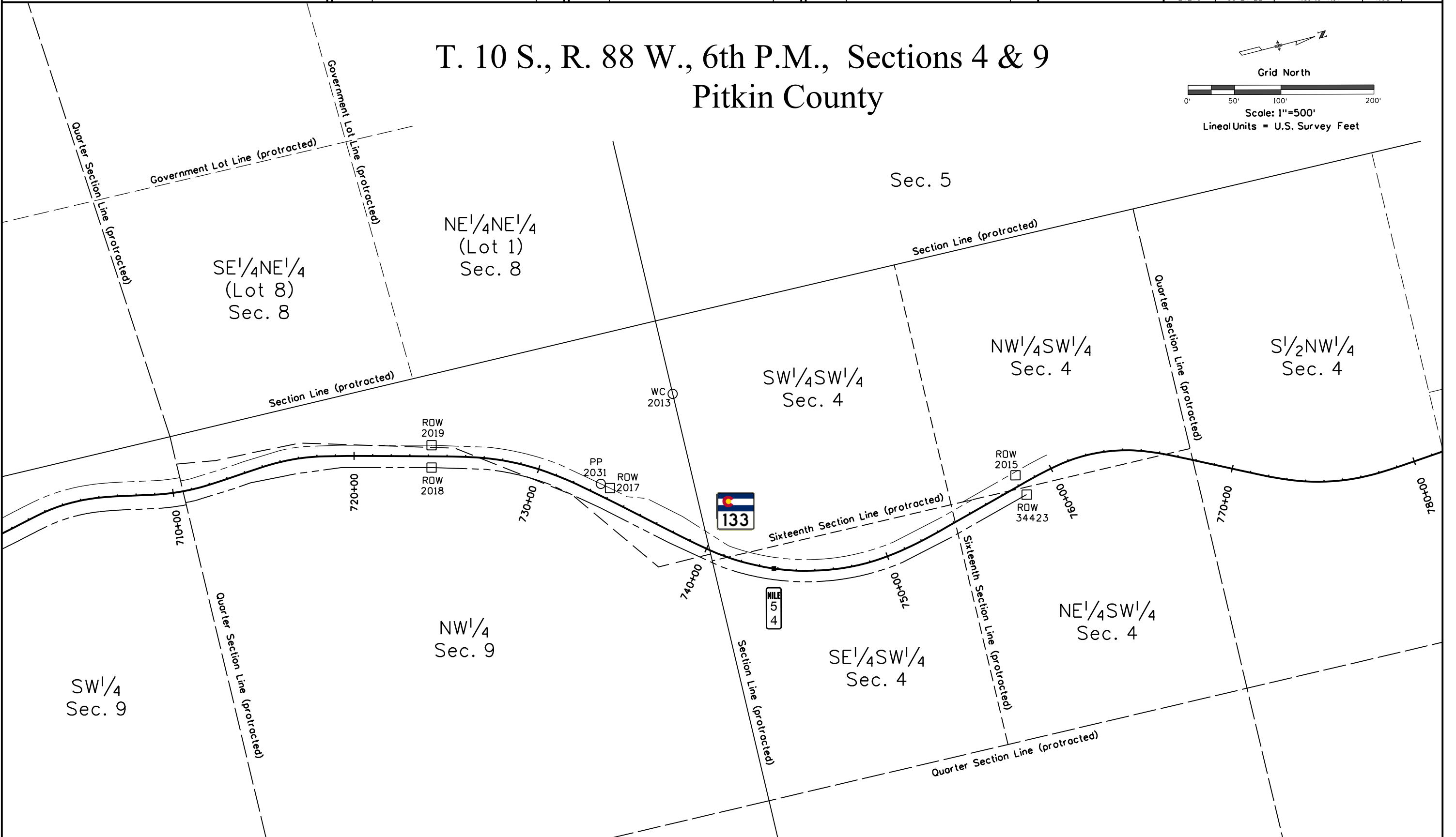
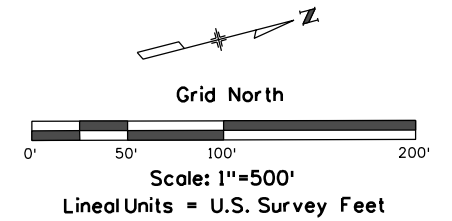
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Project Number: C 133A-052

Project Location: SH 133 Rockfall North of McClure Phase 2

Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	4.01 to 4.14	4.08

T. 10 S., R. 88 W., 6th P.M., Sections 4 & 9 Pitkin County



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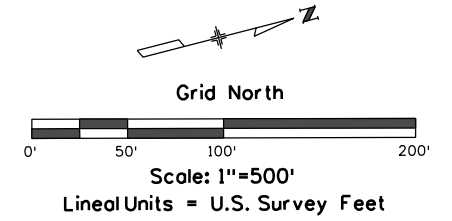
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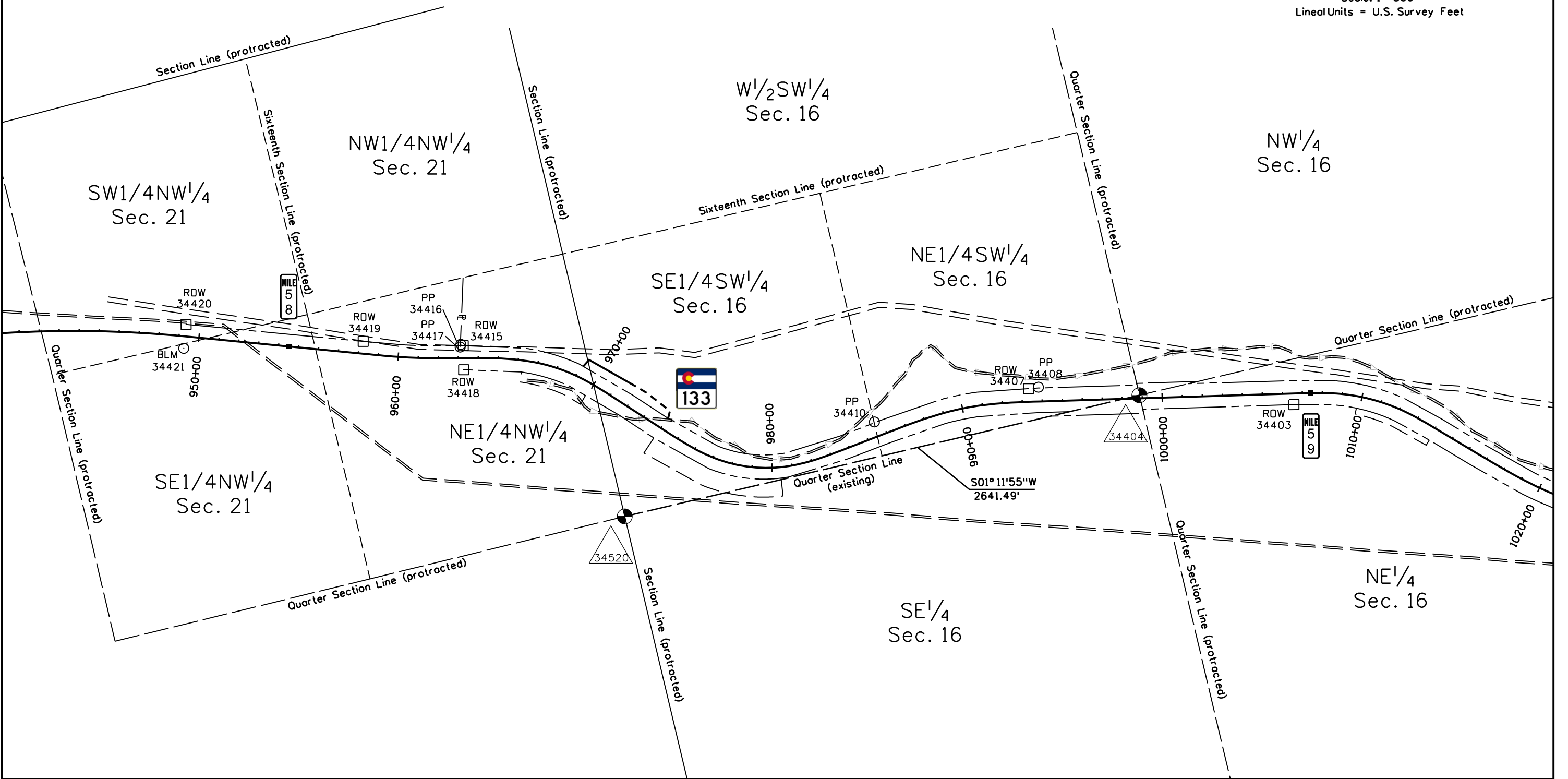
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Land Survey Control Diagram			
Plan Sheet			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	4.01 to 4.14	4.09

T. 9 S., R. 88 W., 6th P.M., Sections 16 & 21 Pitkin County



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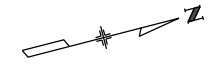
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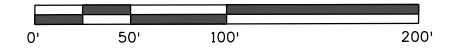
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Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
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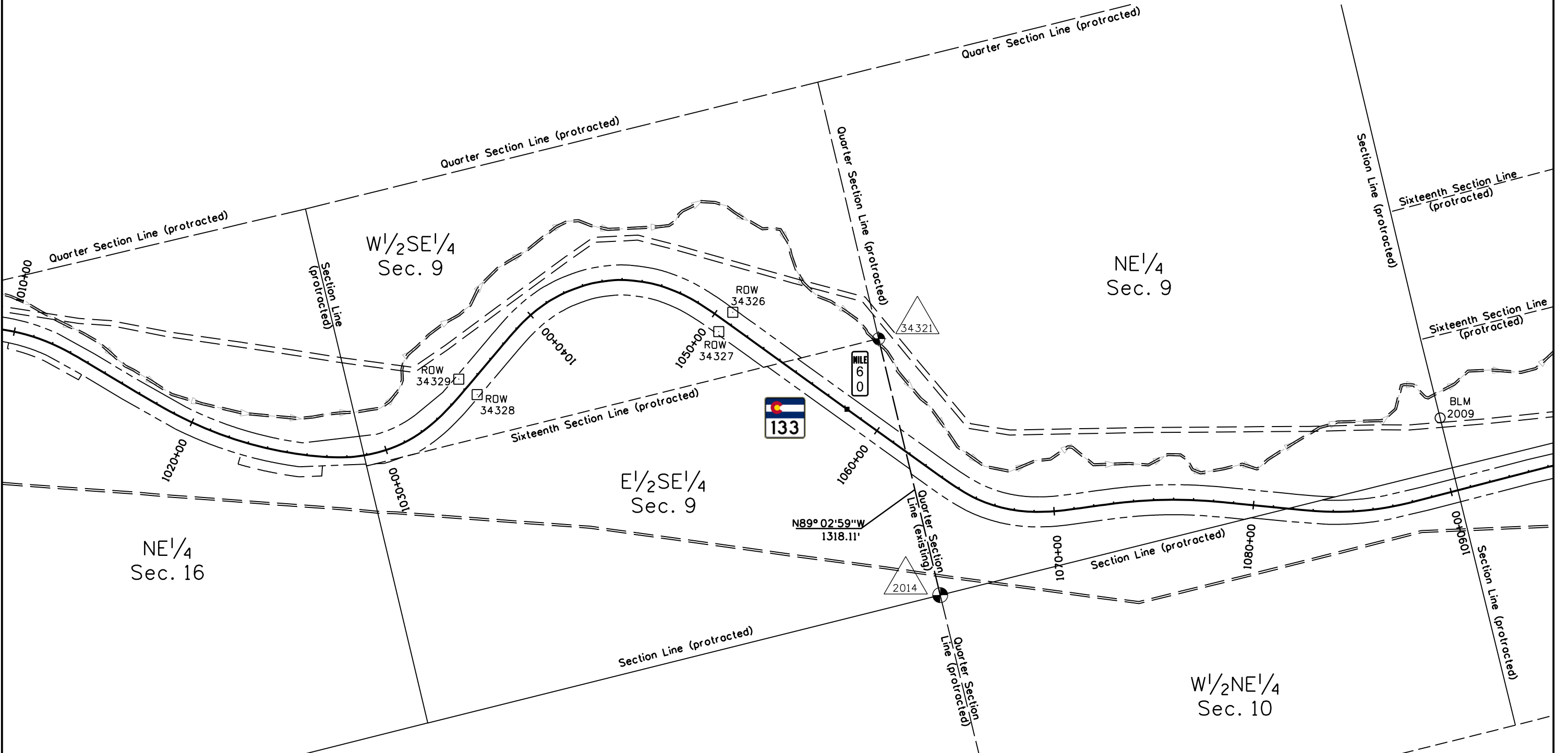


Grid North



Scale: 1"=500'

Lineal Units = U.S. Survey Feet



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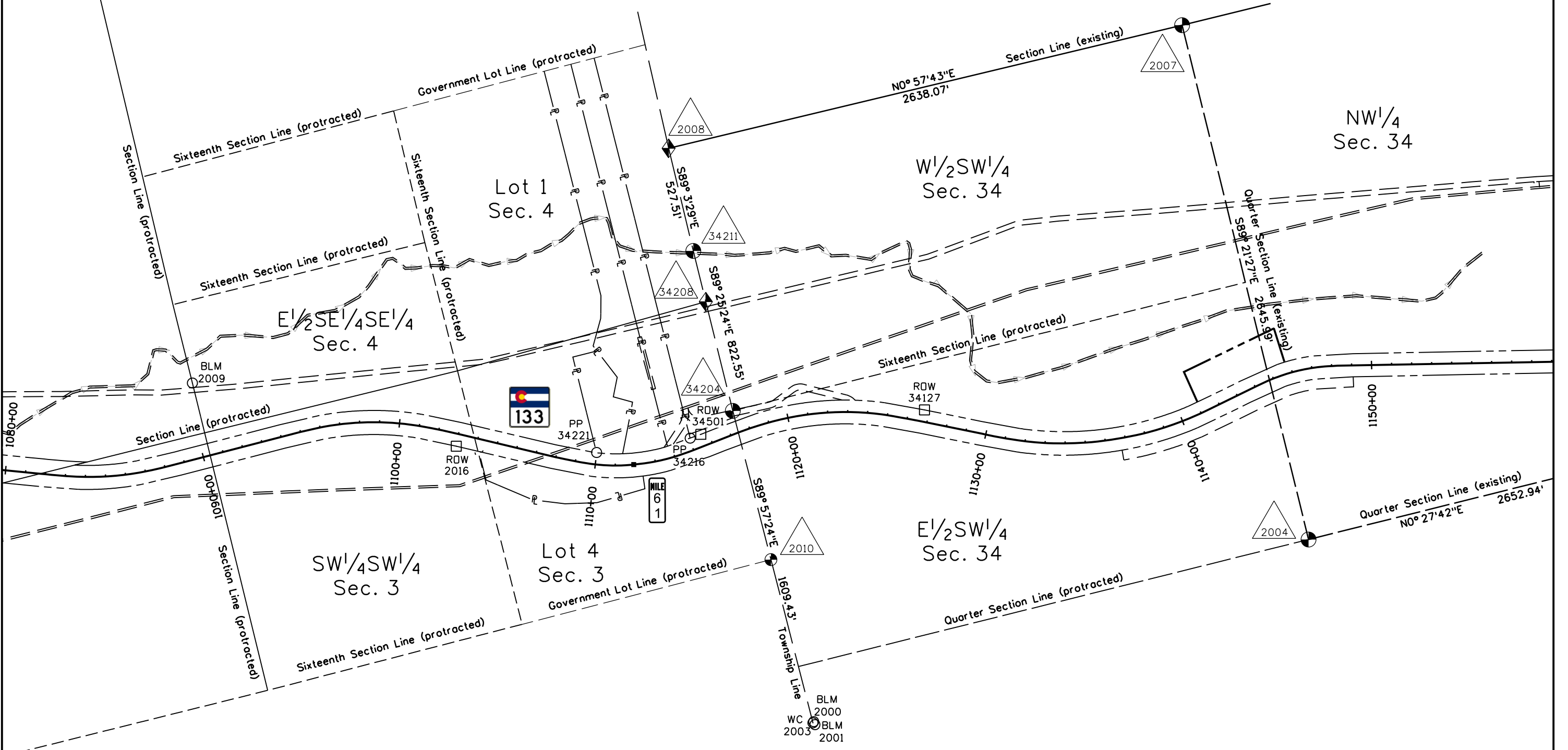
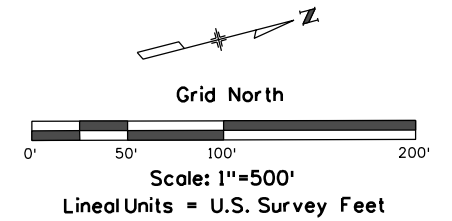
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Land Survey Control Diagram			
Plan Sheet			
Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	4.01 to 4.14	4.11

T. 9 S., R. 88 W., 6th P.M., Sections 3 & 4 T. 8 S., R. 88 W., 6th P.M., Section 34 Pitkin County



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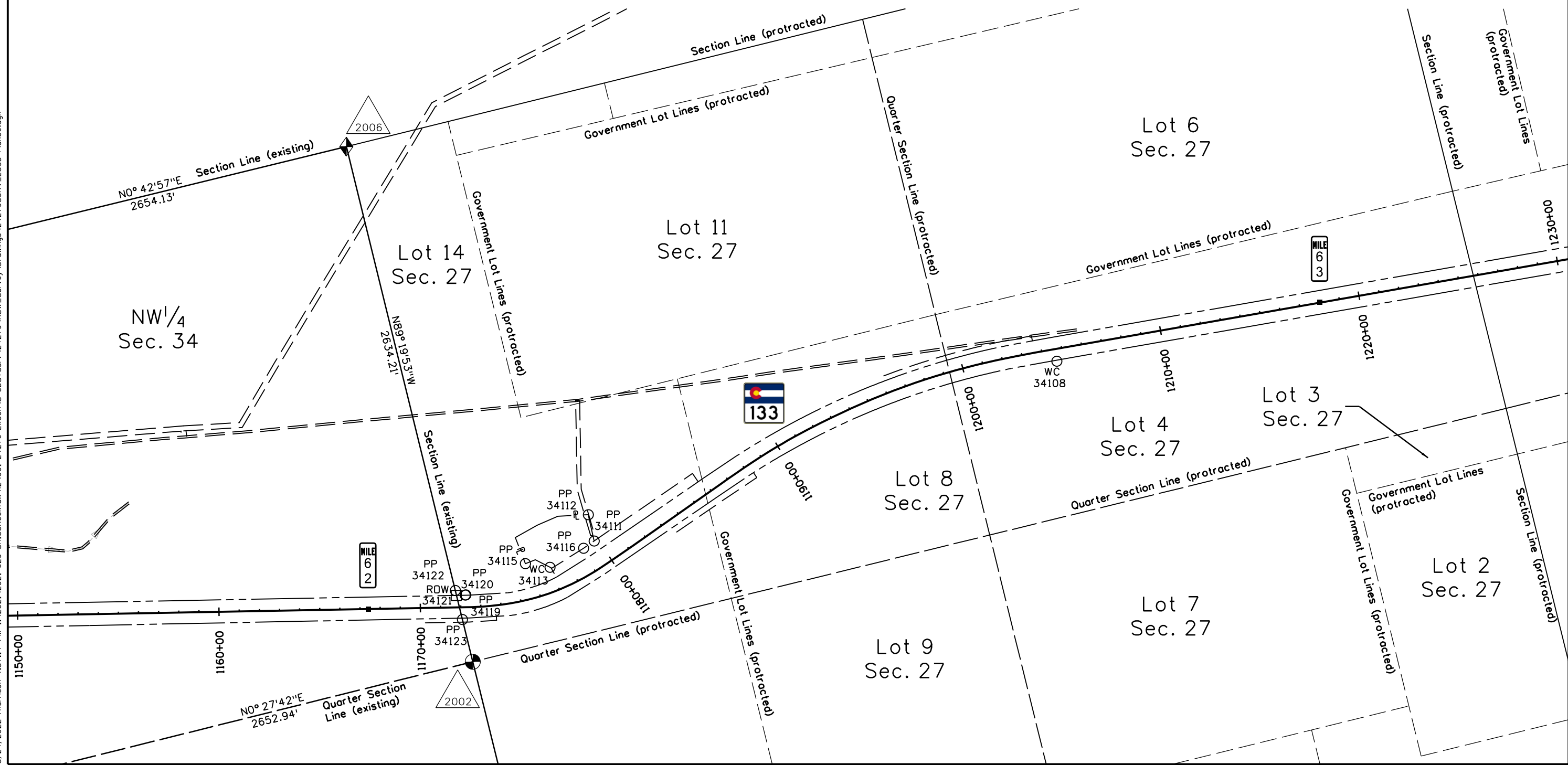
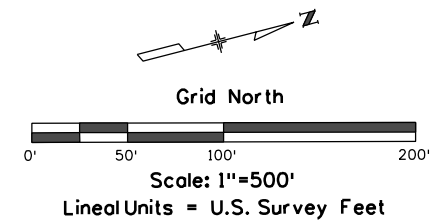
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Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	4.01 to 4.14	4.12

T. 8 S., R. 88 W., 6th P.M., Sections 27 & 34 Pitkin County



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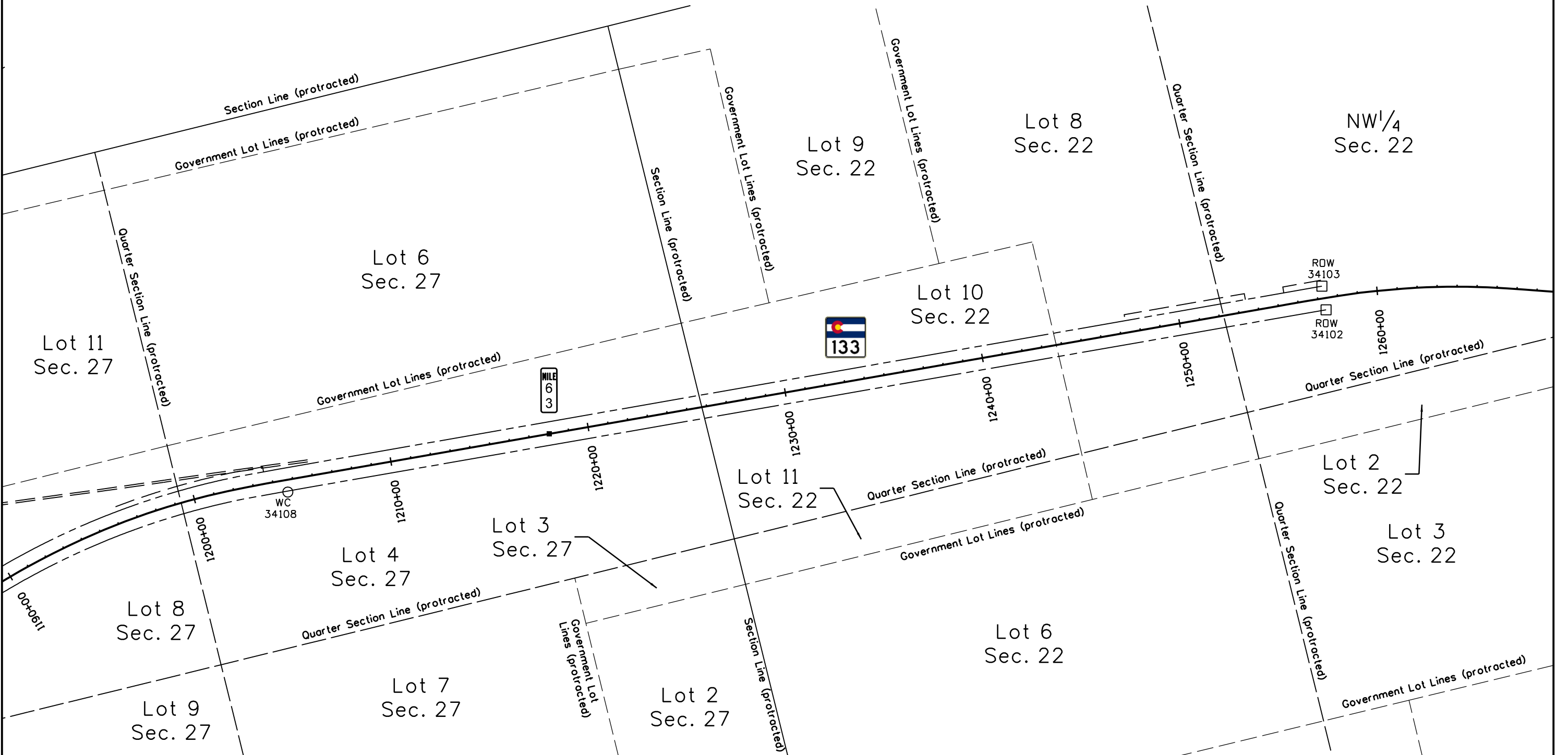
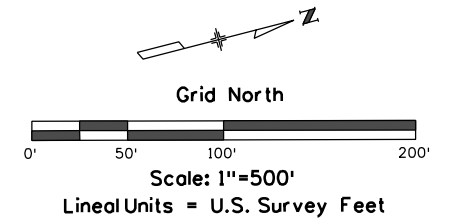
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Project Number: C 133A-052

Project Location: SH 133 Rockfall North of McClure Phase 2

Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	4.01 to 4.14	4.14

T. 8 S., R. 88 W., 6th P.M., Sections 22 & 27 Pitkin County



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Right of Way Plans

Monumentation Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	5.01 of 5.01	5.01

TABULATION OF EXISTING R.O.W. POINTS

Point No.	Northing(sft)	Easting(sft)	Station(sft)	Offset(sft)	Parcel Number	Sht. Number	Description
100	1490563.80	2565441.26	559+67.38	-61.25	Existing ROW	7.02	Found ROW Marker
101	1490623.64	2565436.02	560+27.44	-61.23	Existing ROW	7.02	
102	1491076.00	2565431.60	564+70.81	-61.07	Existing ROW	7.02	
103	1491338.37	2565449.39	567+33.89	-60.47	Existing ROW	7.02	
104	1490574.30	2565560.44	559+67.41	58.40	Existing ROW	7.02	Found ROW Marker
105	1490634.14	2565555.20	560+27.48	58.40	Existing ROW	7.02	
106	1491067.93	2565550.86	564+70.77	58.46	Existing ROW	7.02	
107	1491336.07	2565568.98	567+39.56	59.00	Existing ROW	7.02	
108	1491334.92	2565628.13	567+42.41	118.10	Existing ROW	7.02	
109	1528330.72	2511163.76	963+25.86	-62.31	Existing ROW	7.03	Found ROW Marker
110	1528626.36	2511252.95	966+26.23	-61.91	Existing ROW	7.03	
111	1528867.33	2511395.95	968+89.61	-59.37	Existing ROW	7.03	
113	1528913.90	2511441.85	969+51.02	-55.07	Existing ROW	7.03	
114	1529087.27	2511612.71	971+89.86	-61.27	Existing ROW	7.03	
115	1529227.12	2511766.02	973+97.37	-60.25	Existing ROW	7.03	
117	1529434.29	2511964.10	976+95.92	-62.00	Existing ROW	7.03	
118	1528302.61	2511280.28	963+26.56	57.56	Existing ROW	7.03	Found ROW Marker
119	1528579.99	2511363.81	966+24.69	58.24	Existing ROW	7.03	
120	1528792.10	2511490.01	968+90.13	61.07	Existing ROW	7.03	
121	1528997.86	2511693.92	971+89.00	59.51	Existing ROW	7.03	
122	1529137.39	2511847.21	973+96.28	60.76	Existing ROW	7.03	
123	1529362.80	2512061.97	976+97.00	59.19	Existing ROW	7.03	
128	1544190.99	2516080.90	1140+54.02	-57.70	Existing ROW	7.04	
130	1544383.64	2516043.51	1142+53.37	-57.30	Existing ROW	7.04	
131	1544470.44	2516024.85	1143+42.15	-57.97	Existing ROW	7.04	
132	1544674.57	2515989.72	1145+42.40	-59.10	Existing ROW	7.04	
134	1544850.80	2515991.63	1147+07.68	-59.00	Existing ROW	7.04	
135	1544209.76	2516196.43	1140+55.16	59.35	Existing ROW	7.04	
136	1544409.60	2516157.49	1142+55.66	59.57	Existing ROW	7.04	
137	1544496.38	2516138.72	1143+44.44	58.80	Existing ROW	7.04	
138	1544686.01	2516105.56	1145+44.15	57.29	Existing ROW	7.04	
139	1544838.19	2516107.03	1147+07.31	57.09	Existing ROW	7.04	
142	1545054.13	2516031.17	1149+07.45	-58.96	Existing ROW	7.04	
143	1545027.15	2516143.84	1149+07.30	56.89	Existing ROW	7.04	

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

Point No.	Northing(sft)	Easting(sft)	Station(sft)	Offset(sft)	Parcel Number	Sht. Number	Description
112	1528885.12	2511413.48	969+13.00	-57.21	Existing ROW & RW-3	7.03	To Be Set
116	1529231.40	2511770.11	974+03.28	-60.62	Existing ROW & RW-3	7.03	To Be Set
124	1528914.86	2511393.82	969+22.03	-91.50	RW-3	7.03	Not To Be Set
125	1528921.97	2511389.12	969+24.10	-99.71	RW-3	7.03	To Be Set
126	1529155.03	2511615.52	972+37.84	-109.20	RW-3	7.03	To Be Set
127	1529248.90	2511736.49	973+90.41	-96.27	RW-3	7.03	To Be Set
129	1544242.14	2516070.97	1141+08.18	-58.89	Existing ROW & RW-4	7.04	To Be Set
133	1544713.28	2515987.10	1145+78.79	-59.23	Existing ROW & RW-4	7.04	To Be Set
140	1544214.60	2515908.91	1141+11.67	-223.25	RW-4	7.04	To Be Set
141	1544703.78	2515810.58	1145+77.37	-236.00	RW-4	7.04	To Be Set

TABULATION OF PERMANENT EASEMENT POINTS (TO BE STAKED)

Point No.	Northing(sft)	Easting(sft)	Station(sft)	Offset(sft)	Easement Number	Sht. Number
200	1491562.54	2505303.64	569+47.55	-221.06	PE-1 & PE-2	7.03
201	1491559.69	2505464.39	569+55.58	-60.49	PE-1 & PE-2	7.03
202	1491494.81	2505459.99	568+90.55	-60.48	PE-1	7.03
203	1491497.17	2505425.07	568+90.55	-95.48	PE-1	7.03
204	1491513.00	2505426.14	569+06.41	-95.48	PE-1	7.03
205	1491521.84	2505330.58	569+08.76	-191.43	PE-1	7.03
206	1491592.16	2505321.65	569+78.31	-205.10	PE-2	7.03
207	1491589.48	2505362.50	569+78.41	-164.16	PE-2	7.03
208	1491622.53	2505468.64	570+18.57	-60.49	PE-2	7.03

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	5	5(S)	6
REFERENCE										
ROW	9									
CONTROL										
ALIQUOT CORNER										
PERMANENT EASEMENT										
PROJECT POINTS										
WITNESS POST (REQUIRED)	9									

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 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.
- COORDINATE DATUM: Project coordinates are modified Colorado State Plane Central Zone NAD '83/(2011) coordinates. The combined elevation/scale factor used to modify the coordinates from state plane to project coordinates is 1.0003824646.
- Project Coordinates Northing US Survey Feet = State Plane Coordinate Northing (sft) - Seed Point Northing (sft)
* Combined Scale Factor (1.0003824646) + Seed Point Northing (sft).
- Project Coordinates Easting US Survey Feet = State Plane Coordinate Easting (sft) - Seed Point Easting (sft)
* Combined Scale Factor (1.0003824646) + Seed Point Easting (sft).

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, _____, 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, the 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. xxxxx



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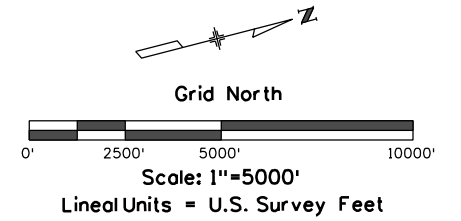
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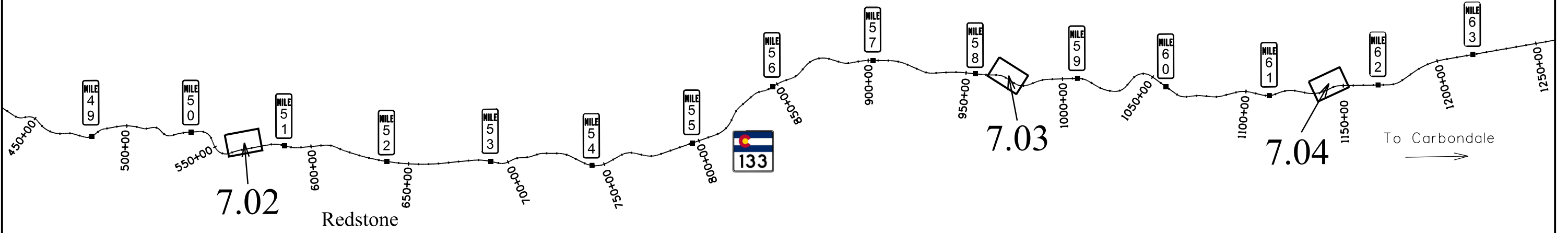


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Project Number: C 0133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	7.01 of 7.04	7.01



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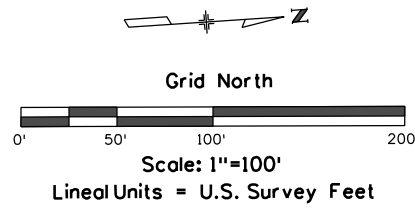
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Right of Way Plans

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	7.01 to 7.04	7.02

T. 10 S., R. 88 W., 6th P.M., Sections 20 & 29 Pitkin County



- PE-1**
KJ Colorado, LLC
A Colorado Limited Liability Company
- PE-2**
Jeffrey M. Bier &
Jannette R. Bier

NE1/4NW1/4
Sec. 29

SE1/4SW1/4
Sec. 20

Jeffrey M. Bier &
Jannette R. Bier
Rec. 392224 & 474030

KJ Colorado, LLC
A Colorado Limited Liability Company
Rec. 658780

(residential)
Chair Mountain Drive
to remain open
MP 50.64/Sta. 567+65

P.O.B. PE-1 & PE-2
Tie: CDDH ROW Monument Pt. 100
ROW Proj. S 0163 (6) Sta. 821+30.6 Rt.
Bears S07°50'43"E, 1008.18'

Pitkin County Historic Register
Gamekeepers Lodge & Carriage House
Rec. 651064

Begin ROW Project C 133A-052
Station 568+90.55 = MP 50.665
= Sta 812+06.8 on Proj.
S 0133 (6)

(residential)
driveway to remain open
MP 50.71/Sta. 571+25

NOTE: Existing Hwy. 133 R.O.W. acquired previously on proj. S 0163 (6).
Some topographic features shown hereon are based on aerial imagery.
Only easements & encumbrances close to the project site are shown hereon.
Some easements & encumbrances could not be graphically depicted.
By graphically plotting only, the Project Site and Easements PE-1 & PE-2 are
located in Zone "X" of Flood Insurance Rate Map, Map No. 08097C0286E,
revised 8/15/2019, and are not in a special flood hazard area.
Basis of Bearings: N10°38'49"E from MP 50.63 to MP 62.38 (see Project
Control Diagram for additional details).

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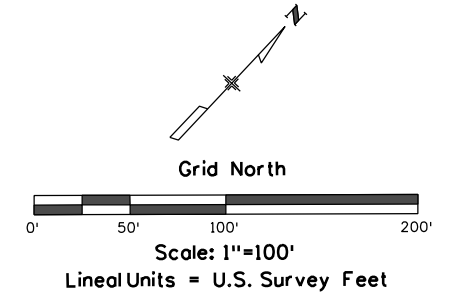
Right of Way Plans

Plan Sheet

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	7.01 to 7.04	7.03

T. 9 S., R. 88 W., 6th P.M., Sections 16 & 21 Pitkin County

White River National Forest



RW-3 **RW-3** Also
Heather H. Froelicher Trust
Dated October 30, 2017

NE1/4NW1/4
Sec. 21

SE1/4SW1/4
Sec. 16

Heather H. Froelicher Trust
Dated October 30, 2017
Rec. 661794

Heather H. Froelicher Trust
Dated October 30, 2017
Rec. 661794

P.O.B. RW-3 & RW-3 Also
Tie: 1/4 Cor. Sec. 16-21
Bears S88° 51'05"E, 796.96'

Curve Data
PI 968+34.88
Δc = 16° 36'31"
Tc = 125.58'
Lc = 249.39'
Rc = 860.33'

25' Electric Easement
Public Service Company of Colorado
Rec. 107991, Bk.187 Pg.296
(assumed width based on adjacent properties)

Note: BLM AP not found
Position based on E. line
SW1/4 Sec. 16

Approx. Centerline of
Sweet-Jessup Canal
Rec. 69760, Bk.1 Pg.16
Top of ditch width = 10'
Note: Protect in Place

Rc = 1014.93'
Δc = 15° 52'18"
Lc = 281.10'
C = 280.20'
CB = N30° 41'09"E

Sta. 966+03.48
N = 1528582.10
E = 2511301.87

50' Existing Permanent
Easement E-20C
Rec. 110343, Bk.192 Pg.75

Rc = 894.93'
Δc = 15° 51'16"
Lc = 247.60'
C = 246.81'
CB = N30° 45'00"E

Curve Data
PCC 968+82.39
Δc = 05° 35'12"
Tc = 44.51'
Lc = 88.96'
Rc = 912.32'

Meredith Family Trust
Rec. 651404

(residential)
driveway to remain open
MP 58.35/Sta. 972+96

Curve Data
PI 975+22.09
Δc = 03° 23'07"
Tc = 60.06'
Lc = 120.08'
Rc = 2032.37'

Possible Overhead Electric Easement
(based on existing overhead line,
shown as 10' wide)

P.O.C. RW-3 & RW-3 Also
1/4 Cor.
S16-S21

NOTE: Existing Hwy. 133 R.O.W. acquired previously on proj. S 0163 (3).
Some topographic features shown hereon are based on aerial imagery.
Only easements & encumbrances close to the project site are shown hereon.
Some easements & encumbrances could not be graphically depicted.
Sweet-Jessup Canal, Rec. 69760, no recorded easement width found, shown hereon as 5' either side of approx. centerline.
By graphically plotting only, the Project Site and Parcel RW-3 are located in Zone "X" of Flood Insurance Rate Map, Map No. 08097C0063E, revised 8/15/2019, and are not in a special flood hazard area.
Basis of Bearings: N10° 38'49"E from MP 50.63 to MP 62.38 (see Project Control Diagram for additional details).

Dain Michael
Hancock Trust
Rec. 555099

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T. 10 S., R. 88 W., 6th P.M., Sections 20 & 29 Pitkin County



Grid North



Scale: 1"=400'

Lineal Units = U.S. Survey Feet

(PE-1)

KJ Colorado, LLC
 A Colorado Limited Liability Company

(PE-2)

Jeffrey M. Bier &
 Jannette R. Bier

Sec. Line (protracted)

Sec. Line (protracted)

Sec. Line (protracted)

1/4 Sec. Line (protracted)

Crystal River Park Subdivision

KJ Colorado, LLC
 A Colorado Limited Liability Company
 Rec. 658780

SW 1/4
 Sec. 20

NW 1/4
 Sec. 29

Jeffrey M. Bier &
 Jannette R. Bier
 Rec. 392224 & 474030

MILE
 5
 1

540+00

550+00

560+00

570+00

580+00

590+00



Begin ROW Project C 133A-052

Station 568+90.55 = MP 50.665
 = Sta 812+06.8 on Proj.
 S 0133 (6)

1/4 Sec. Line (protracted)



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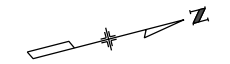
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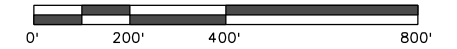
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Project Number: C 133A-052			
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24279	05-24-22	8.01 to 8.04	8.04

T. 9 S., R. 88 W., 6th P.M., Sections 16 & 21 Pitkin County



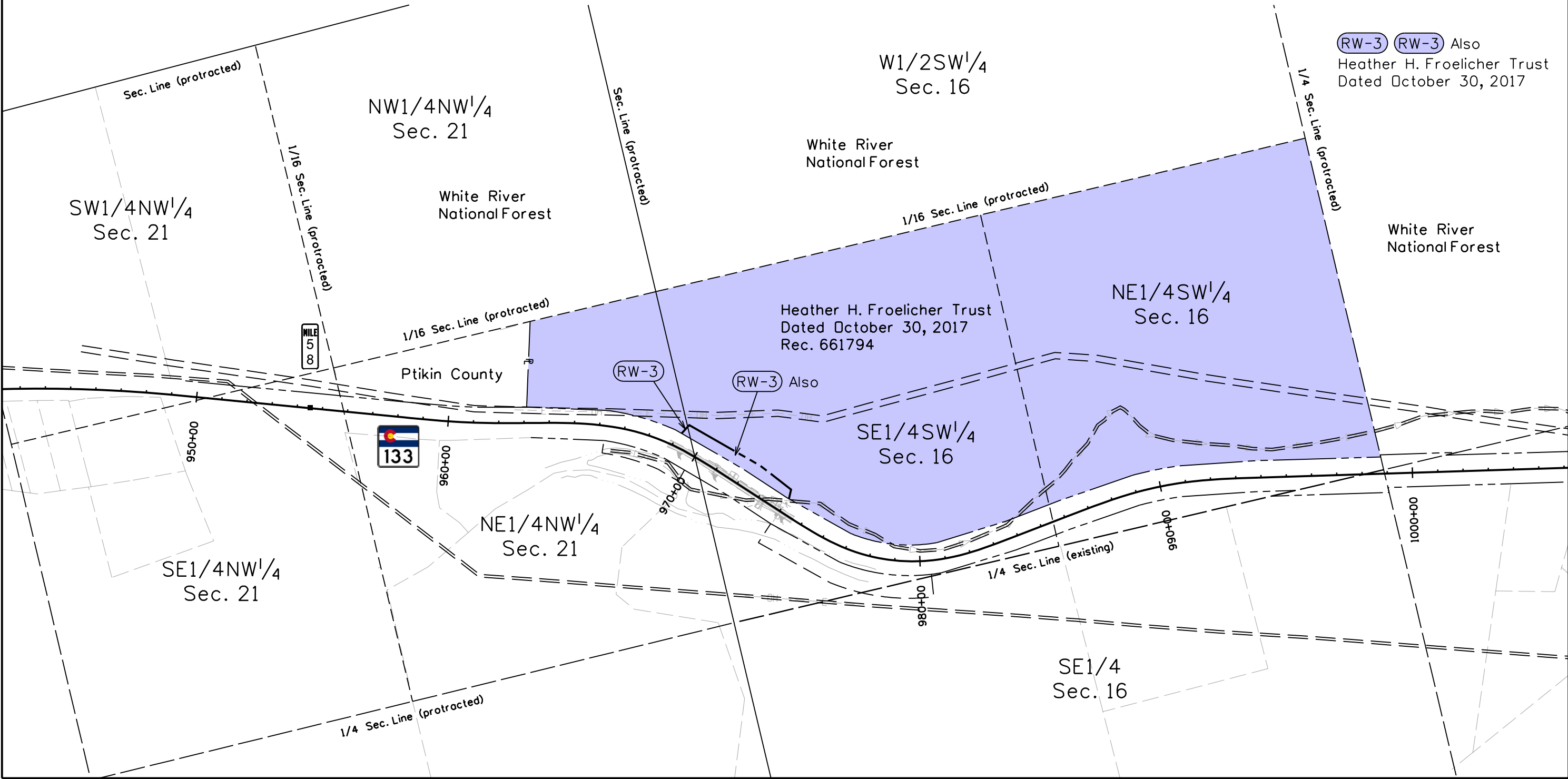
Grid North



Scale: 1"=400'

Lineal Units = U.S. Survey Feet

(RW-3) (RW-3) Also
Heather H. Froelicher Trust
Dated October 30, 2017



5/24/2022 rharrison 2:57:32 PM I:\2021\2021-620-SH133RockfallPh2\001-24279-ExCon\0-CDDT\Surv\24279\RDW_Survey\Drawings\24279RDW_Ownership02.dgn



222 South 6th Street
 Room 317
 Grand Junction, CO 81501
 Phone: 970-683-6236
 FAX: 970-683-6227

DCH

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

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



118 West Sixth Street, Suite 200
 Glenwood Springs, CO 81601
 970.945.1004 www.sgm-inc.com

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date	Subset	Sheet No.
24279	05-24-22	8.01 to 8.04	8.03

T. 8 S., R. 88 W., 6th P.M., Sections 21, 27, 28, 33 & 34 Pitkin County



Grid North



Scale: 1"=1000'

Lineal Units = U.S. Survey Feet

RW-4

Sunfire Ranch Holdings, LLC
 A Colorado Limited Liability Company

White River National Forest

Sec. 28

Sec. 21

Sec. 33

Sunfire Ranch Holdings, LLC
 A Colorado Limited Liability Company
 Rec. 671827 & Deed of Conservation
 Easement Rec. 671828

End ROW Project C 133A-052

Station 1145+78.79 = MP 61.591
 = Sta 234+96.1 on Proj.
 S 0133 (3)

Sec. 34

RW-4



Sec. 27

Sec. 22

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222 South 6th Street
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DCH

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

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

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



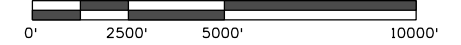
118 West Sixth Street, Suite 200
Glenwood Springs, CO 81601
970.945.1004 www.sgminc.com

Project Number: C 133A-052			
Project Location: SH 133 Rockfall North of McClure Phase 2			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
24279	05-24-22	8.01 to 8.04	8.04

T. 8 S., R. 88 W., 6th P.M., Sections 21, 27, 28, 33 & 34
T. 9 S., R. 88 W., 6th P.M., Sections 16 & 21
T. 10 S., R. 88 W., 6th P.M., Sections 20 & 29
Pitkin County

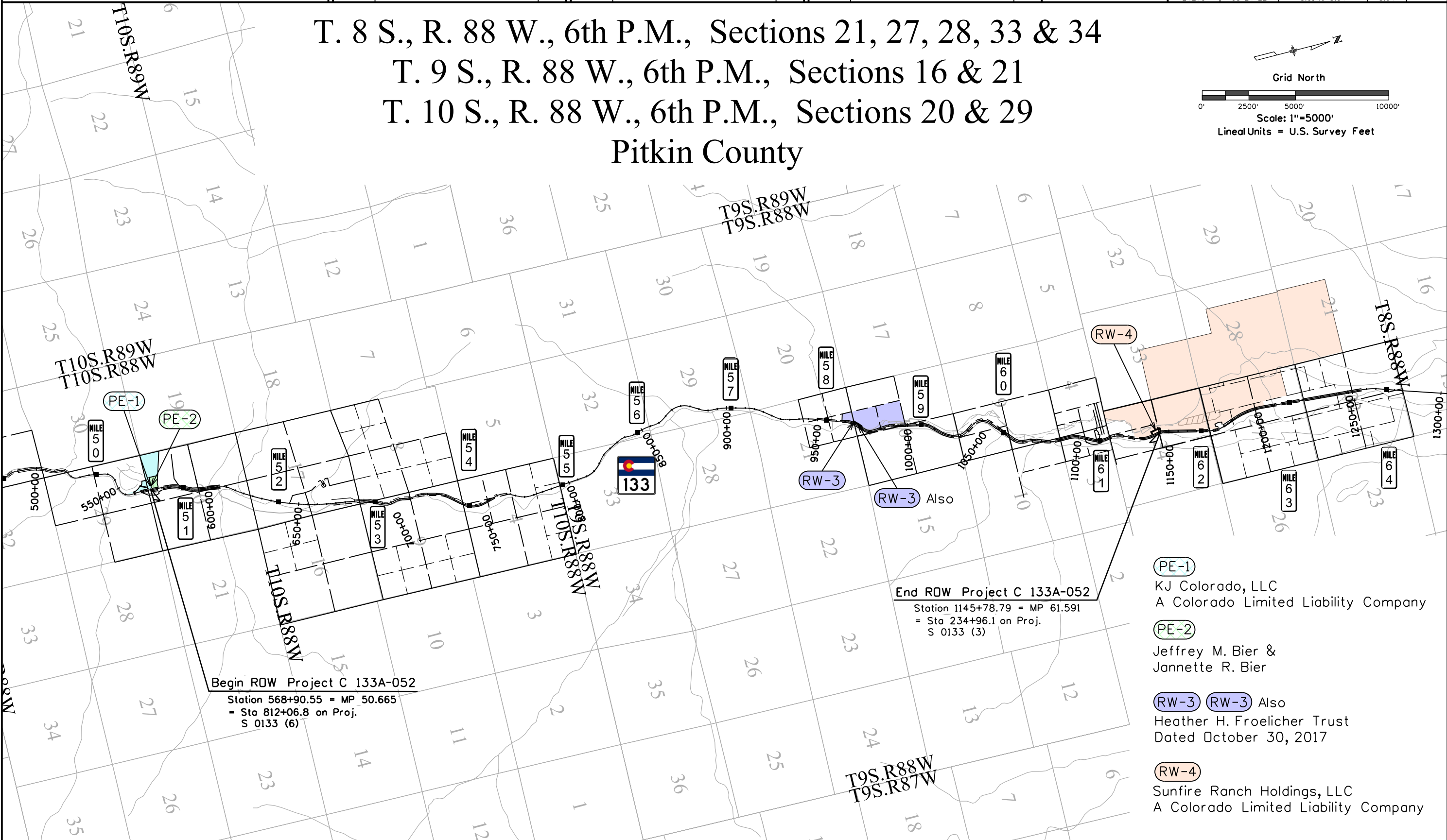


Grid North



Scale: 1"=5000'

Lineal Units = U.S. Survey Feet



Begin ROW Project C 133A-052
Station 568+90.55 = MP 50.665
= Sta 812+06.8 on Proj.
S 0133 (6)

End ROW Project C 133A-052
Station 1145+78.79 = MP 61.591
= Sta 234+96.1 on Proj.
S 0133 (3)

- PE-1**
KJ Colorado, LLC
A Colorado Limited Liability Company
- PE-2**
Jeffrey M. Bier &
Jannette R. Bier
- RW-3** **RW-3** Also
Heather H. Froelicher Trust
Dated October 30, 2017
- RW-4**
Sunfire Ranch Holdings, LLC
A Colorado Limited Liability Company