

COLORADO STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. STA 5502-040 STATE HIGHWAY NO. 550 SAN JUAN COUNTY RIGHT OF WAY

INDEX OF SHEETS

SHEET NO.

- 1 TITLE SHEET
- 2 TABULATION OF PROPERTIES
- 3 PROJECT CONTROL DIAGRAM SHEET
- 4 PLAN SHEET SHOWING RIGHT OF WAY

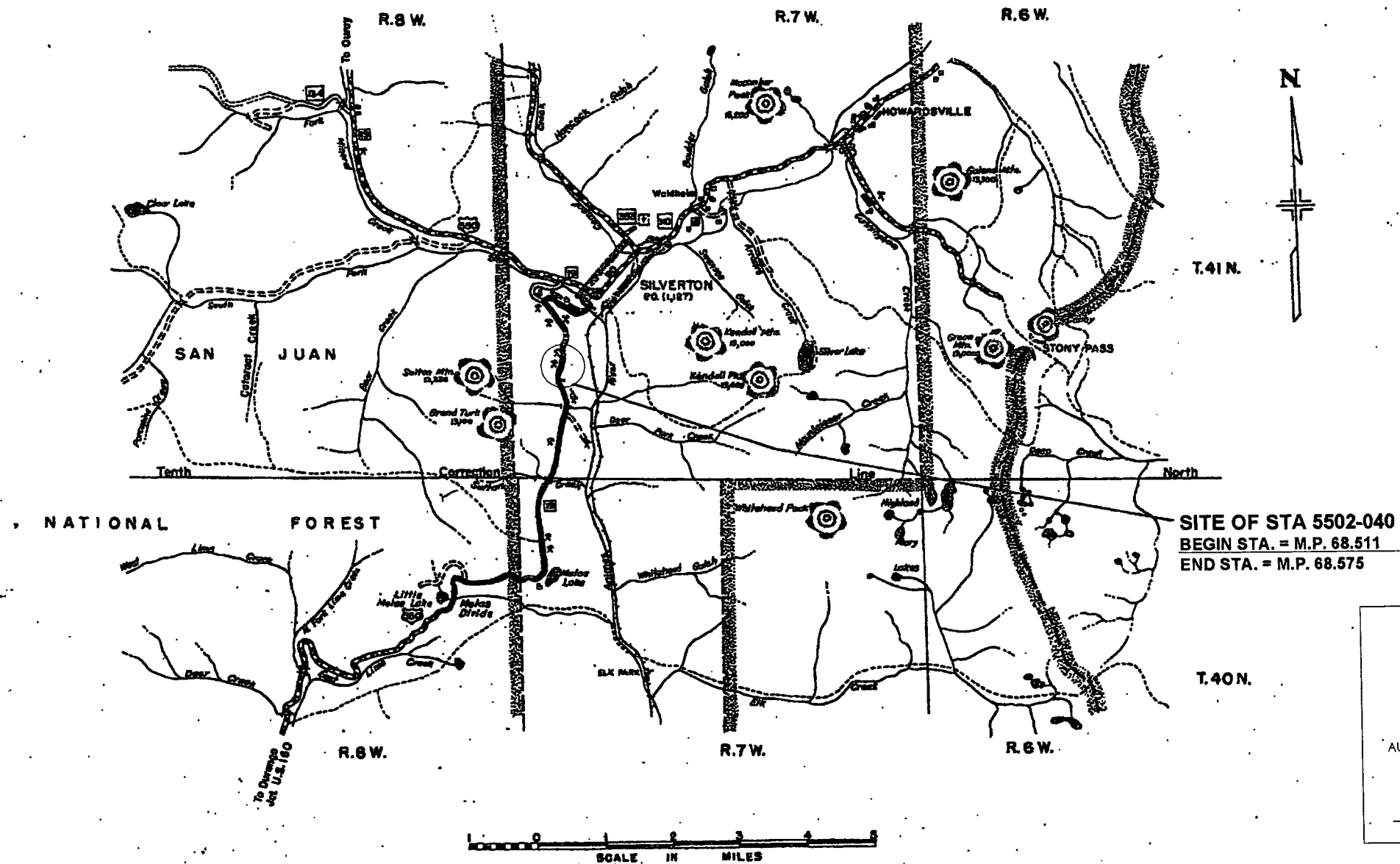
FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	COLORADO	STA 5502-040	1	4

RIGHT OF WAY
US 550 ROCKFALL MITIGATION

REVISIONS

CONVENTIONAL SIGNS

CENTER LINE	TO PLAN SHEET	TITLE SHEET
RIGHT OF WAY LINE	TO PLAN SHEET	TITLE SHEET
COUNTY LINE	TO PLAN SHEET	TITLE SHEET
TOWNSHIP OR RANGE LINE	TO PLAN SHEET	TITLE SHEET
LAND LINES	TO PLAN SHEET	TITLE SHEET
RAILROAD	TO PLAN SHEET	TITLE SHEET
BARBED WIRE FENCE	TO PLAN SHEET	TITLE SHEET
COMBINATION WIRE FENCE	TO PLAN SHEET	TITLE SHEET
SNOW FENCE	TO PLAN SHEET	TITLE SHEET
TELEPHONE & TELEGRAPH LINES	TO PLAN SHEET	TITLE SHEET
POWER LINE	TO PLAN SHEET	TITLE SHEET
DETOUR	TO PLAN SHEET	TITLE SHEET
PRESENT ROAD (Plan Sheets)	TO PLAN SHEET	TITLE SHEET



DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED

DATE

DIVISION ADMINISTRATOR

COLORADO DEPARTMENT OF TRANSPORTATION



Region 5
Address: 3803 North Main Avenue, Suite 300
Durango, CO 81301
Phone: (970) 385-1400 FAX: (970) 385-1425

Right of Way Plans Unit: Crumbaugh

[illegible][illegible][illegible]

Right of Way Plans				
Tabulation of Properties Sheet				
Project Number: STA 5502-040				
Project Description: US ROCKFALL MITIGATION				
Project Location: State Highway 550				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13941	02-18-03		2	4

R.O.W. TABULATION OF PROPERTIES IN SAN JUAN COUNTY S.H. NO. 550

[illegible]

DEPOSITED THIS _____ DAY OF _____, 19____, AT _____ M., FOR INFORMATION
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEYS AT PAGE _____, RECEPTION NUMBER _____.

SIGNED _____
DEPT. _____

Timestamp



Region 5
Address: 3803 N. Main Ave., Suite 300
Durango, CO 81301
Phone: (970) 385-1400 FAX: (970) 385-1410

Right of Way Plans Unit: Willis

Sheet Revisions		
mm/yy	XXXXX	XXX

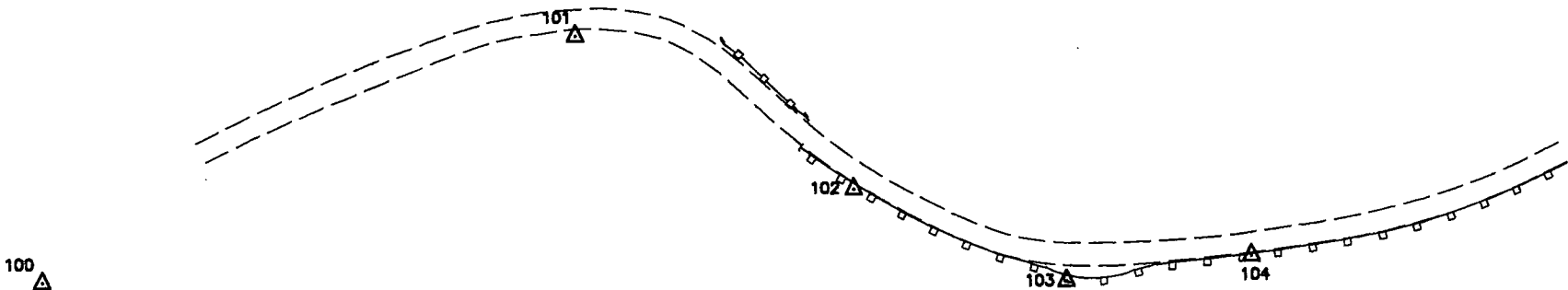
Sheet Revisions		
mm/yy	XXXXX	XXX

Sheet Revisions		
mm/yy	XXXXX	XXX

Right of Way Plans				
Survey Control Diagram				
Project Number: STA 5502-040				
Project Location: US 550 ROCKFALL MITIGATION				
Project Location: STATE HIGHWAY 550				
Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13941	09-03-02		3	4

CONTROL DIAGRAM SHEET

NAME	LATITUDE	LONGITUDE	STATE PLANE COORDINATES (meters)		ELLIPS. HT. (meters)	PROJECT COORDINATES (feet)		
			NORTHING	EASTING		NORTHING	EASTING	ELEVATION
CP 100	37° 47' 14.07344" N	107° 40' 19.46156" W	431390.635	723101.114	3011.491	21708.4439	77034.3766	9930.7249
CP 101	37° 47' 20.00570" N	107° 40' 23.12790" W	431575.561	723015.689	2990.465	22315.4724	76753.9633	9861.7486
CP 102	37° 47' 23.14337" N	107° 40' 21.06993" W	431671.097	723068.276	2983.063	22629.0736	76926.5829	9837.4442
CP 103	37° 47' 25.54759" N	107° 40' 19.84849" W	431744.503	723099.875	2978.214	22870.0331	77030.3090	9821.5224
CP 104	37° 47' 27.61159" N	107° 40' 20.26731" W	431808.356	723091.111	2976.280	23079.6350	77001.5396	9815.1707
P 441	37° 44' 43.99600" N	107° 41' 43.29961" W	426813.055	720941.687	3246.064			
M 441	37° 43' 57.28268" N	107° 43' 13.22925" W	425425.352	718706.537	3172.455			
V.T.	37° 47' 58.62850" N	107° 40' 26.79158" W	432768.050	722953.788	2911.861			



BASIS OF BEARING

Bearings are based on the "State Plane" grid bearing from CDOT Control Point 100 to CDOT Control Point 104 being N 1° 22' 19" W. Both monuments are standard CDOT 3 1/4" aluminum caps.

MONUMENTS

Control monuments 101, 102, 103, and 104 are standard CDOT 3 1/4" aluminum caps on 3/4" aluminum finned rods. Control monument 100 is a standard CDOT 3 1/4" aluminum cap set in a rock outcrop. M 441 and P 441 are standard National Geodetic Survey brass disks set in rock outcrops. V.T. is a standard U. S. Geological Survey brass disk set in a rock outcrop.

VERTICAL CONTROL

Vertical control was established by GPS observations adjusted to the orthometric heights of M 441 and P 441, National Geodetic Survey First Order, Class II benchmarks GPS observations. The published NAVD 88 orthometric heights of M 441 and P 441 are 3188.070 m (10459.53 ft.) and 3261.599 m (10700.76ft.) respectively.

COORDINATE INFORMATION

Geodetic coordinates (NAD 83 - 1992) were derived from GPS observations tied to B Order HARN station V. T. and First Order HARN station M 441. State Plane Coordinates are Colorado South Zone (NAD 83). Project coordinates are modified State Plane Coordinates in U. S. Survey Feet. To convert project coordinates to State Plane Coordinates, convert to meters by multiplying by 0.3048006096, add 425,000 to the northings and 700,0000 to the eastings, then multiply by the combined scale factor of 0.9994761283.

GENERAL NOTES

1. This control survey is for the use of the Colorado Department of Transportation. The survey is not a complete boundary survey.
2. No guarantee as to the accuracy of the information contained on the plat is either stated or implied unless this copy bears an original signature and stamp of the professional surveyor named hereon.
3. 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 certification shown hereon.
4. All coordinates listed are PROJECT COORDINATES only. Coordinates are carried out to 3 decimal places for calculation purposes and do not represent survey precision. Survey precision exceeds C.D.O.T. "B" order precision.

SURVEYOR CERTIFICATE

CONTROL SURVEY, CONTROL MONUMENTATION, ALIQUOT CORNER TIES, AND PROPERTY MONUMENT TIES WERE DONE UNDER MY SUPERVISION AND CHECKING.

JOHN M. WILLIS

P.L.S. NO. 29772

T.41N, R.7W

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	STA 5502-040	4	4

REVISIONS	

RIGHT OF WAY
US 550 ROCKFALL MITIGATION
SUB. ACC.# 13941

