



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

Right of Way Plans Unit: Willis

Sheet Revisions			Sheet Revisions			Sheet Revisions		
mm/yy	XXXXX	XXX	mm/yy	XXXXX	XXX	mm/yy	XXXXX	XXX

Title Sheet				
Project Number: BR 114A-008				
Project Location: SAGUACHE CREEK (Str. L-11-F)				
Project Location: State Highway 114				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13922	11-18-02		1	8

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED FEDERAL AID PROJECT NO. BR 114A-008

STATE HIGHWAY NO. 114
in Section 20, T. 45 N., R. 6 E. of the N.M.P.M.

SAGUACHE COUNTY

R.O.W. LENGTH OF PROJECT: 0.27 MILE

CONVENTIONAL SIGNS

COUNTY LINE
TOWNSHIP OR RANGE LINE
LAND LINES SECTION LINE 1/4 SECTION LINE 1/8 SECTION LINE
PROPERTY OR TRACT LINE
RAILROAD
EXISTING ROAD
NEW ROAD
CONTROL OF ACCESS
ACCESS DENIED BY DEED
RIGHT OF WAY LINE-EXISTING
RIGHT OF WAY LINE-PROPOSED
TOP OF CUTS
TOE OF FILLS
BARBED WIRE FENCE
CHAIN LINK FENCE
BARRIER FENCE
WOVEN WIRE-COMBINATION FENCE
SNOW FENCE
WOOD FENCE
GUARDRAIL
(METAL TYPES)

TREES PINE DECIDUOUS CONIFEROUS

TEL. & CABLE TV LINES EXIST. NEW RELOCATED TO BE REMOVED

ELECTRIC LINES EXIST. NEW RELOCATED TO BE REMOVED

DEADMAN OR ANCHOR ON POLE

BURIED TEL. CABLE EXIST. NEW

BURIED ELECTRIC CABLE EXIST. NEW

FIBER OPTICS CABLE EXIST. NEW

GAS MAIN EXIST. NEW

OIL MAIN EXIST. NEW

GAS METER EXIST. NEW

WATER METER EXIST. NEW

SANITARY SEWERS EXIST. NEW

STORM DRAIN EXIST. NEW

MAIL BOX M.B.

SIGNS (SINGLE POST) (DOUBLE POST)

BENCH MARK B.M.

TRIANGULATION POINT TRI.PT.

ROAD APPROACHES NEW EXISTING

SECTION CORNER CENTER OF SECTION

ANGLE POINT OF SEGREGATED TRACT

OTHER ALIQUOT CORNER

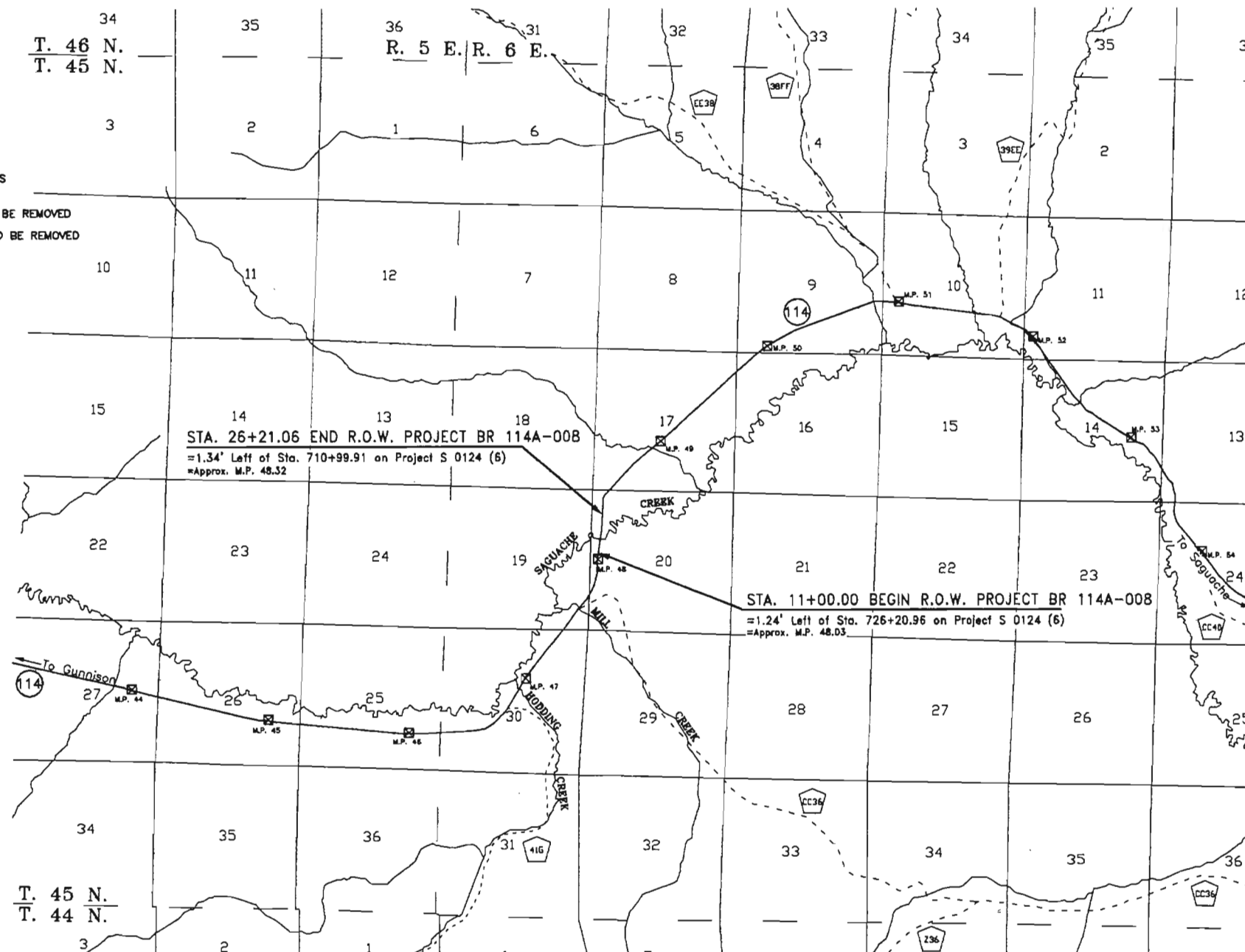
CULVERTS & DRAINS PROPOSED EXISTING

PROPOSED EXISTING

BRIDGES PROPOSED EXISTING

WATER RIVER LAKE CREEK

DITCH PROPOSED DITCH



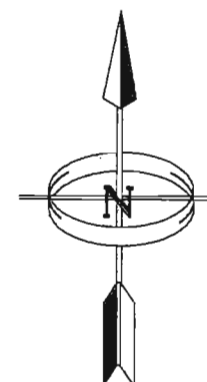
INDEX OF SHEETS

SHEET NO.

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Property Ownership Tabulation	2
Project Control Diagram	3
Land Survey Control Diagram	3a
Tabulation of Boundary Evidence	4
Right of Way Monumentation Sheet	5, 6, & 7
Right of Way Plan Sheets	5, 6, & 7
Ownership Map	8

SCALE OF ORIGINAL DRAWINGS

TITLE SHEET: 1 IN. = 1 MILE
PROJECT CONTROL DIAGRAM: 1 IN. = 200 FT.
LAND SURVEY CONTROL DIAGRAM: 1 IN. = 300 FT.
PLAN SHEETS: 1 IN. = 50 FT.
OWNERSHIP MAP: 1 IN. = 400 FT.



SCALE IN MILES
0 0.5 1 1.5
SCALE IN KILOMETERS
0 0.5 1 1.5 2

Bearings are based on data provided on the Control Diagram (see sheet 3). "State Plane" Grid bearing from CDOT control point 13 (a 3-1/4 in. aluminum cap) to CDOT control point 12 (a 3-1/4 in. aluminum cap) is N. 5° 49' 17" E.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED

DATE

DIVISION ADMINISTRATOR



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Right of Way Plans				
Tabulation of Properties Sheet				
Project Number: BR 114A-008				
Project Description: SAGUACHE CREEK (Str. L-11-F)				
Project Location: State Highway 114				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
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R.O.W. TABULATION OF PROPERTIES IN SAGUACHE COUNTY

S.H. NO. 114

[illegible]



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Right of Way Plans				
Project Control Diagram Sheet				
Project Number: BR 114A-008				
Project Location: Saguache Creek (Str. L-11-F)				
Project Location:				
Project Code:	Last Mod. Date:	Subset Sheets	Sheet No.	Total No. of Sheets
13922	11-14-02	1 of 2	3	8

PROJECT CONTROL DIAGRAM

NAME	LATITUDE	LONGITUDE	STATE PLANE COORDINATES (meters)		PROJECT COORDINATES (feet)			STATION	DISTANCE FROM CENTERLINE
			NORTHING	EASTING	NORTHING	EASTING	ELEVATION		
CP 10	38° 08' 39.82830" N	106° 20' 37.96029" W	469139.894	840567.930	30648.637	35858.039	8138.830	29+04.0	21.8' Rt.
CP 11	38° 08' 32.29840" N	106° 20' 33.25057" W	468907.939	840544.072	29887.303	35779.728	8143.620	21+38.9	17.4' Rt.
CP 12	38° 08' 25.73270" N	106° 20' 33.97647" W	468705.674	840524.570	29223.420	35715.721	8146.205	14+71.9	20.5' Rt.
CP 13	38° 08' 17.48326" N	106° 20' 34.94622" W	468451.552	840498.662	28389.329	35630.683	8153.845		
S 1/16	38° 08' 10.62591" N	106° 20' 37.96029" W	468240.799	840423.359	27697.585	35383.521			

▲ S 1/16 Corner

BASIS OF BEARING

Bearings are based on the "State Plane" grid bearing from CDOT Control Point 13 to CDOT Control Point 12 being N 5° 49' 17" E. Both monuments are standard CDOT 3 1/4" aluminum caps on 3/4" aluminum finned rods.

MONUMENTS

Control point S 1/16 is a 2 1/2 " aluminum cap on a 3/4" rebar. All other project control monuments are standard CDOT aluminum caps on 3/4" aluminum finned rods. H 171 and B 268 are standard U. S. Coast and Geodetic Survey brass disks set in concrete posts. U 269 is a standard U. S. Coast and Geodetic Survey brass disk set in a concrete headwall.

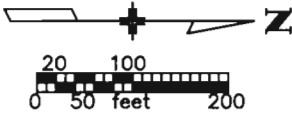
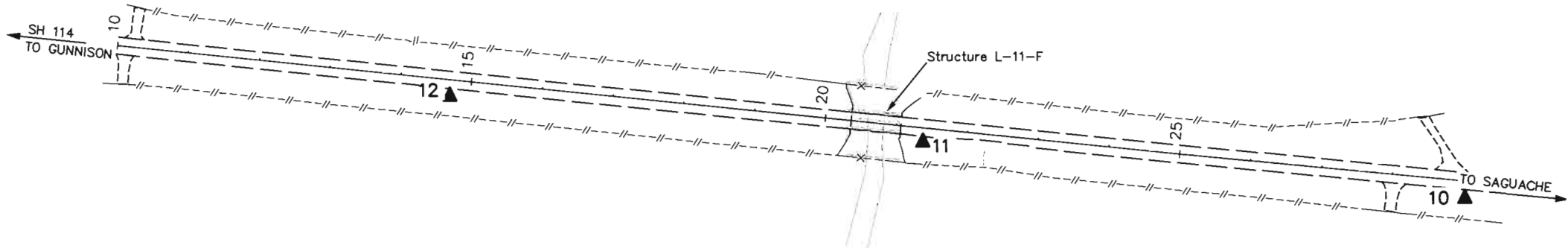
VERTICAL CONTROL

Vertical control was established by differential leveling from U 269, a National Geodetic Survey First Order, Class II benchmark. The published orthometric height of U 269 is 2490.373 m (8170.50 ft).

COORDINATE INFORMATION

Geodetic coordinates (NAD 83 - 1992) were derived from GPS observations tied to B Order HARN station H 171 and First Order CHARN station B 268. 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 460,000 to the northings and 830,0000 to the eastings, then multiply by the combined scale factor of 0.9995699739.

▲ 13



NOTES

1. This control survey is for the use of the Colorado Department of Transportation. The survey is not a complete boundary survey.
2. 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.

FILED
DEPOSITED THIS _____ DAY OF _____ AT _____, FOR INFORMATION
ONLY IN BOOK _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
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Sheet Revisions		
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Sheet Revisions		
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Right of Way Plans				
Land Survey Control Diagram Sheet				
Project Number: BR 114A-008				
Project Location: Saguache Creek (Str. L-11-F)				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13922	11-13-02	2 of 2	3A	8

LAND SURVEY CONTROL DIAGRAM

T. 45 N., R. 6 E. N.M.P.M.

LEGEND:

● = FOUND COLORADO DEPARTMENT OF HIGHWAYS RIGHT OF WAY MONUMENTS – 3.25" BRASS CAPS IN CONCRETE POSTS MARKED "S 0124 (6) STA 706+08.9"

○ = SET COLORADO DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MONUMENTS – 3.25" ALUMINUM CAPS ON 3/4" RODS

GENERAL NOTES

- This R. O. W. plan and survey is for the use of the Colorado Department of Transportation. The survey is not a complete boundary survey of all adjoining owners.
- This R. O. W. plan does not represent a title search. Title commitments were provided by C.D.O.T. personnel.
- NOTE: 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.
- 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.

BASIS OF BEARING

Bearings are based on the "State Plane" grid bearing from CDOT Control Point 13 to CDOT Control Point 12 being N 5° 49' 17" E. Both monuments are standard CDOT 3 1/4" aluminum caps on 3/4" aluminum finned rods.

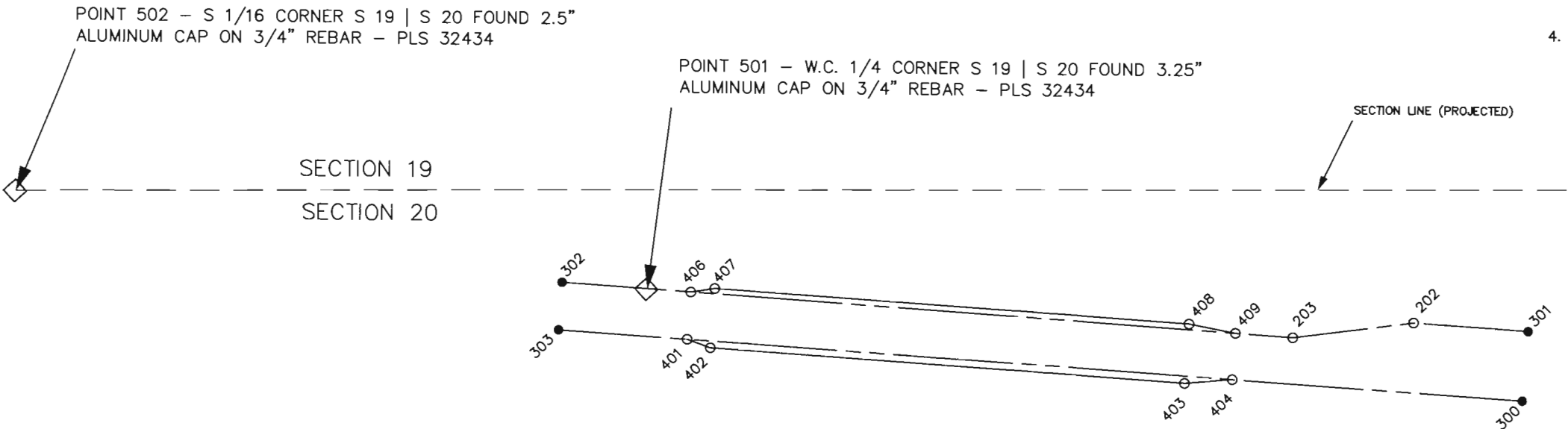
SURVEYOR CERTIFICATE

PROJECT CONTROL SURVEY, ALIQUOT CORNER TIES, PROPERTY CORNER TIES, RIGHT OF WAY MONUMENTATION, ALIQUOT CORNER MONUMENTATION, AND RIGHT OF WAY PLANS PREPARATION WERE DONE UNDER MY RESPONSIBLE CHARGE.

JOHN M. WILLIS

P.L.S. NO. 29772

FILED CERTIFICATE
DEPOSITED THIS 18 DAY OF 11, FOR INFORMATION
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SURVEYS AT PAGE RECEPTION NUMBER
SIGNED DEPT.



PLAN REVISIONS
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BOOKED _____
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Right of Way Plans				
Tabulation of Boundary Evidence & Right of Way Monumentation Sheet				
Project Number: BR 114A-008				
Project Location: SAGUACHE CREEK (Str. L-11-F)				
Project Location: State Highway 114				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
13922	11-12-02		4	8

TABULATION OF BOUNDARY EVIDENCE & RIGHT OF WAY MONUMENTATION SHEET

FOUND BOUNDARY EVIDENCE (CONTROL CORNERS)

Point	Northing	Easting	Description
300	30850.978	35909.007	CDOH right of way marker - 3 1/4" brass cap in concrete post
301	30866.838	35763.598	CDOH right of way marker - 3 1/4" brass cap in concrete post
302	28840.186	35607.005	CDOH right of way marker - 3 1/4" brass cap in concrete post
303	28830.312	35706.571	CDOH right of way marker - 3 1/4" brass cap in concrete post
501	29017.853	35626.484	W.C. TO W1/4 SEC. 20 - 3 1/4" alum. cap PLS32434
502	27697.585	35383.521	S 1/16 of SEC. 19 and SEC. 20 - 2 1/2" alum. cap on 3/4 " rebar - PLS32434

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

Point	Northing	Easting	Description (CDOT/Type 2)
202	30627.010	35739.120	28+71.45 94.63' Lt.
203	30373.253	35763.475	26+21.06 46.79' Lt.
401	29099.052	35733.494	13+50.00 50.74' Rt.
402	29147.414	35752.771	14+00.00 65.00' Rt.
403	30142.337	35853.406	24+00.00 65.00' Rt.
404	30243.759	35848.174	25+00.00 49.59' Rt.
406	29109.179	35634.460	13+50.00 48.81' Lt.
407	29159.993	35628.405	14+00.00 60.00' Lt.
408	30154.916	35729.041	24+00.00 60.00' Lt.
409	30252.818	35751.183	25+00.00 47.83' Lt.

QUANTITY OF MONUMENT TO BE SET

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	4A	5	6
REFERENCE										
RIGHT OF WAY			10							
CONTROL										
ALIQUOT CORNER			1							
PERMANENT EASEMENT										
REFERENCE										
WITNESS POST										

TABULATION OF ALIQUOT CORNERS TO BE RESET

Point	Northing	Easting	Description (CDOT/Type 2)
501	29017.853	35626.484	W.C. TO W1/4 Sec. 20

TABULATION OF TEMPORARY EASEMENT CORNERS

Point	Northing	Easting		
601	28959.955	35619.229	11+00.00	48.76' Lt.
602	29570.039	35549.269	18+00.00	180.00' Lt.
603	29868.516	35579.459	21+00.00	180.00' Lt.



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Project Location: SAGUACHE CREEK (Str. L-11-F)

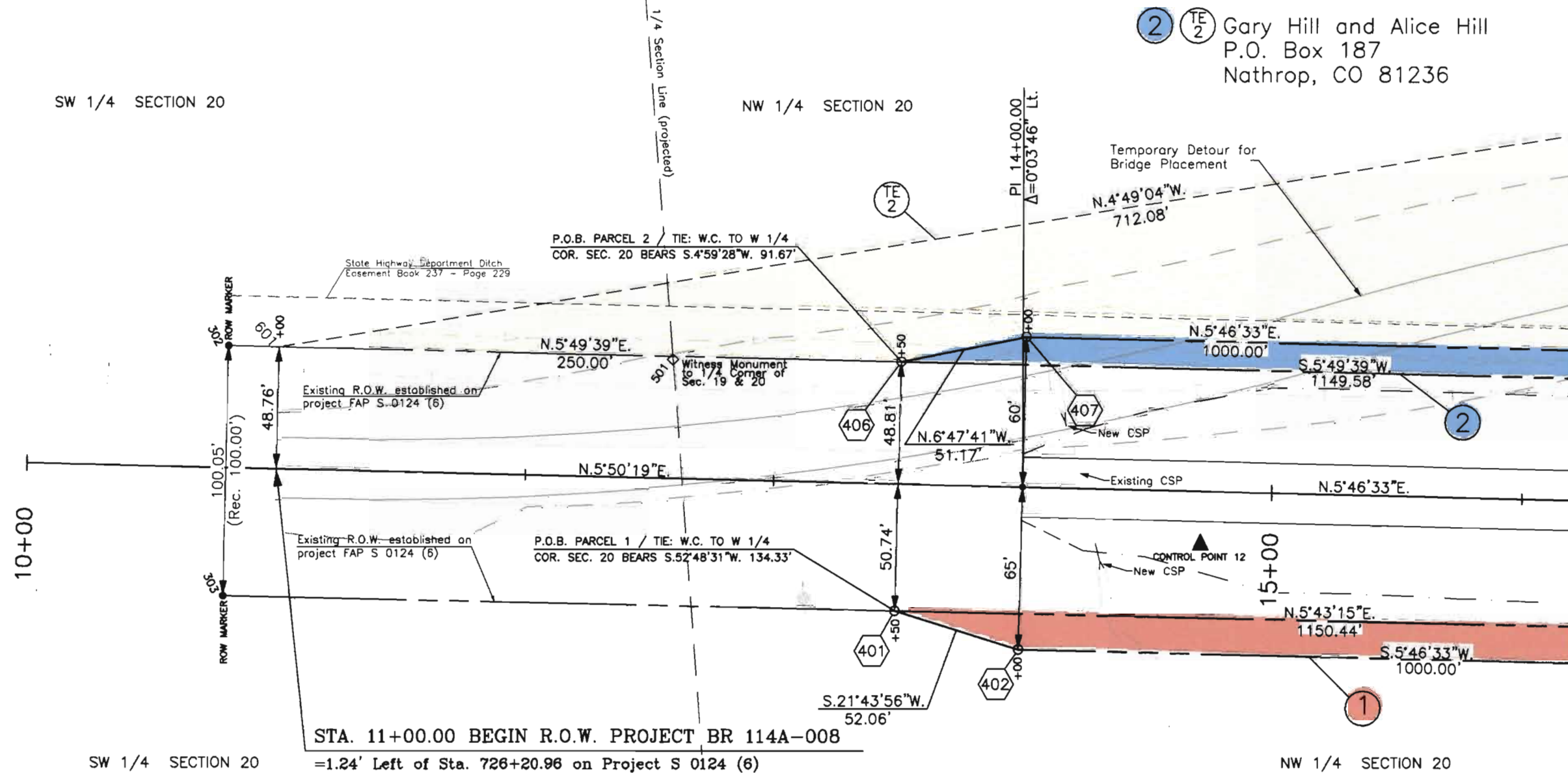
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13922	11-19-02	1 of 3	5	8

SW 1/4 SECTION 20

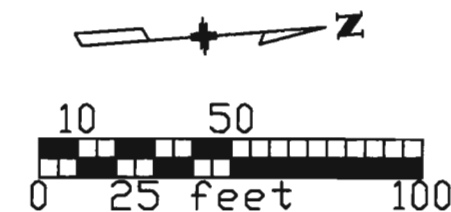
T. 45 N., R. 6 E. N.M.P.M.

NW 1/4 SECTION 20



NOTE: The Colorado Department of Transportation has an easement to construct and maintain inlet, outlet, and contour ditches along and across the SW 1/4 NE 1/4 Section 17, S 1/2 SW 1/4 Section 20 and SE 1/4 Section 19, all to T. 45 N. R. 6 E., N.M.P.M. (Book 237 - Page 230).

① Gary Hill and Alice Hill
P.O. Box 187
Nathrop, CO 81236



COLORADO DEPARTMENT OF TRANSPORTATION



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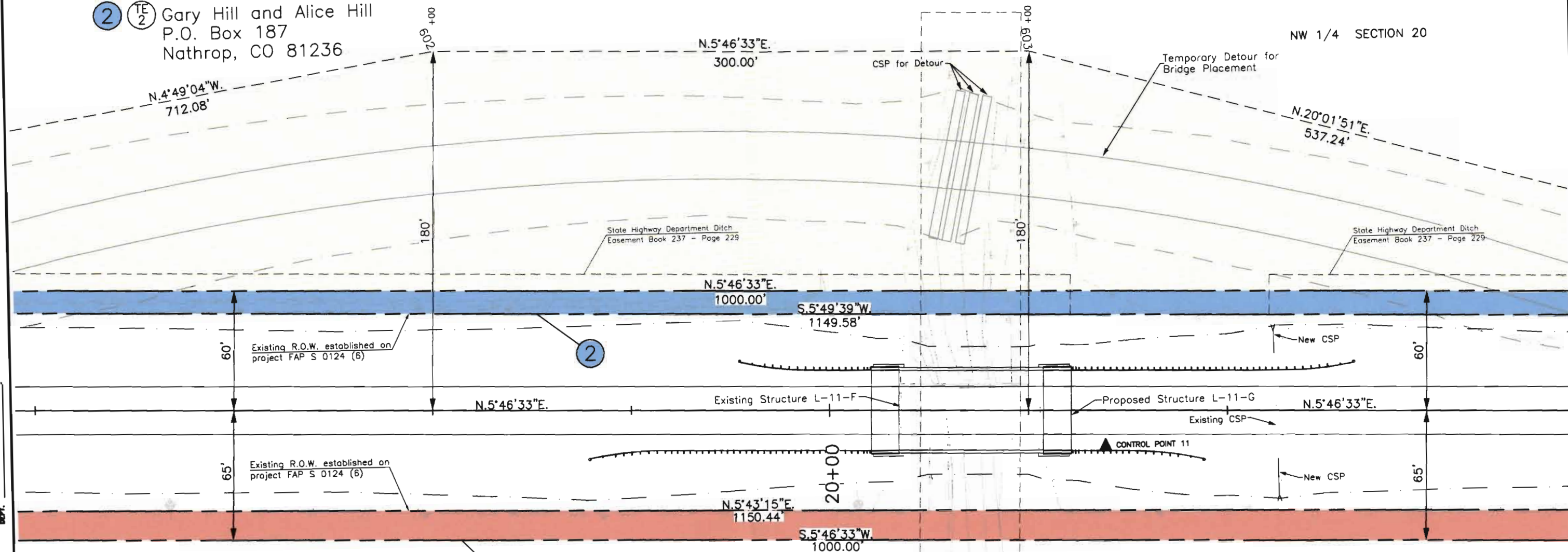
Plan Sheet

Project Number: BR 114A-008				
Project Location: SAGUACHE CREEK (Str. L-11-F)				
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13922	11-19-02	2 of 3	6	8

T. 45 N., R. 6 E. N.M.P.M.

② TE Gary Hill and Alice Hill
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NW 1/4 SECTION 20

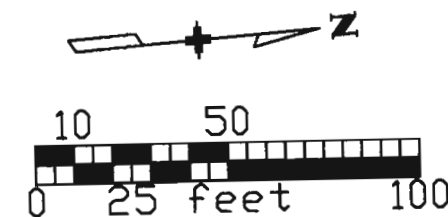


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Colorado Department of Highways
easement for construction of channel change.
(Book 237 - Page 228)

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NW 1/4 SECTION 20





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Right of Way Plans

Plan Sheet

Project Number: BR 114A-008

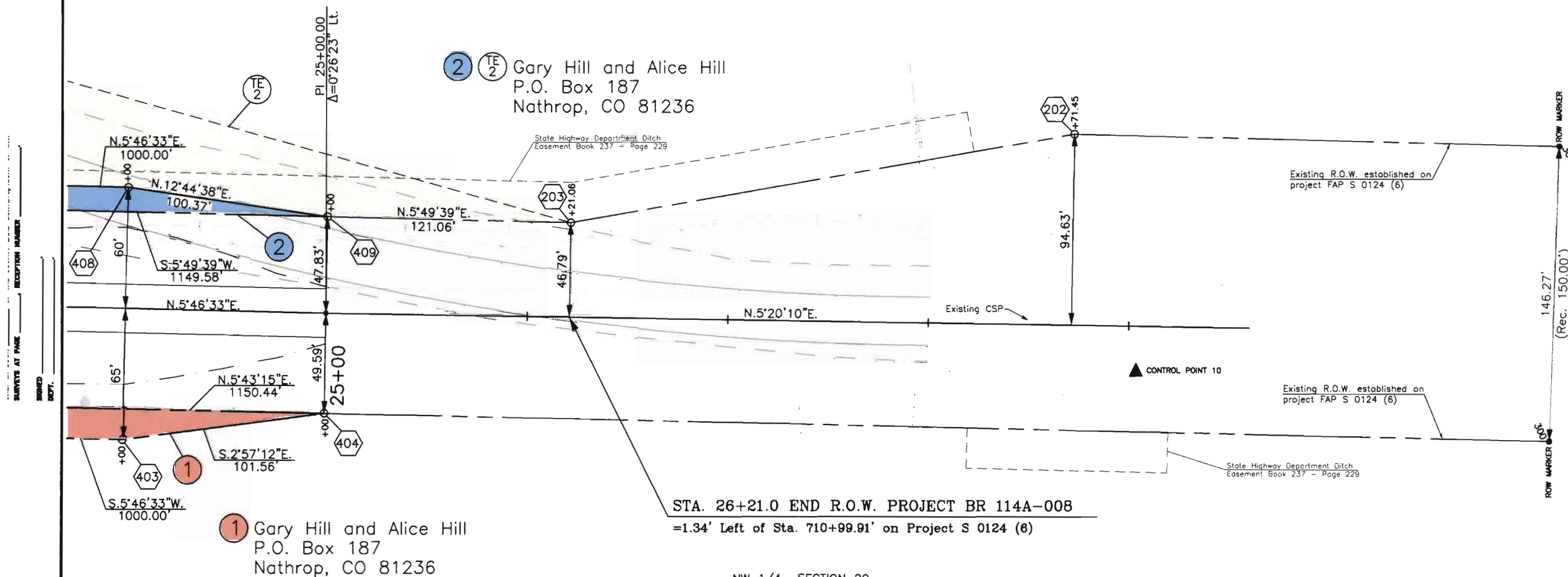
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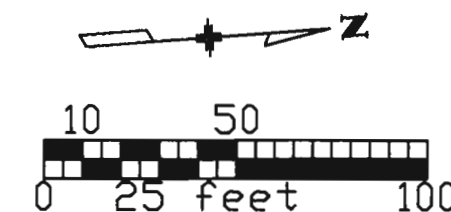
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13922	11-19-02	3 of 3	7	8

T. 45 N., R. 6 E. N.M.P.M.

NW 1/4 SECTION 20



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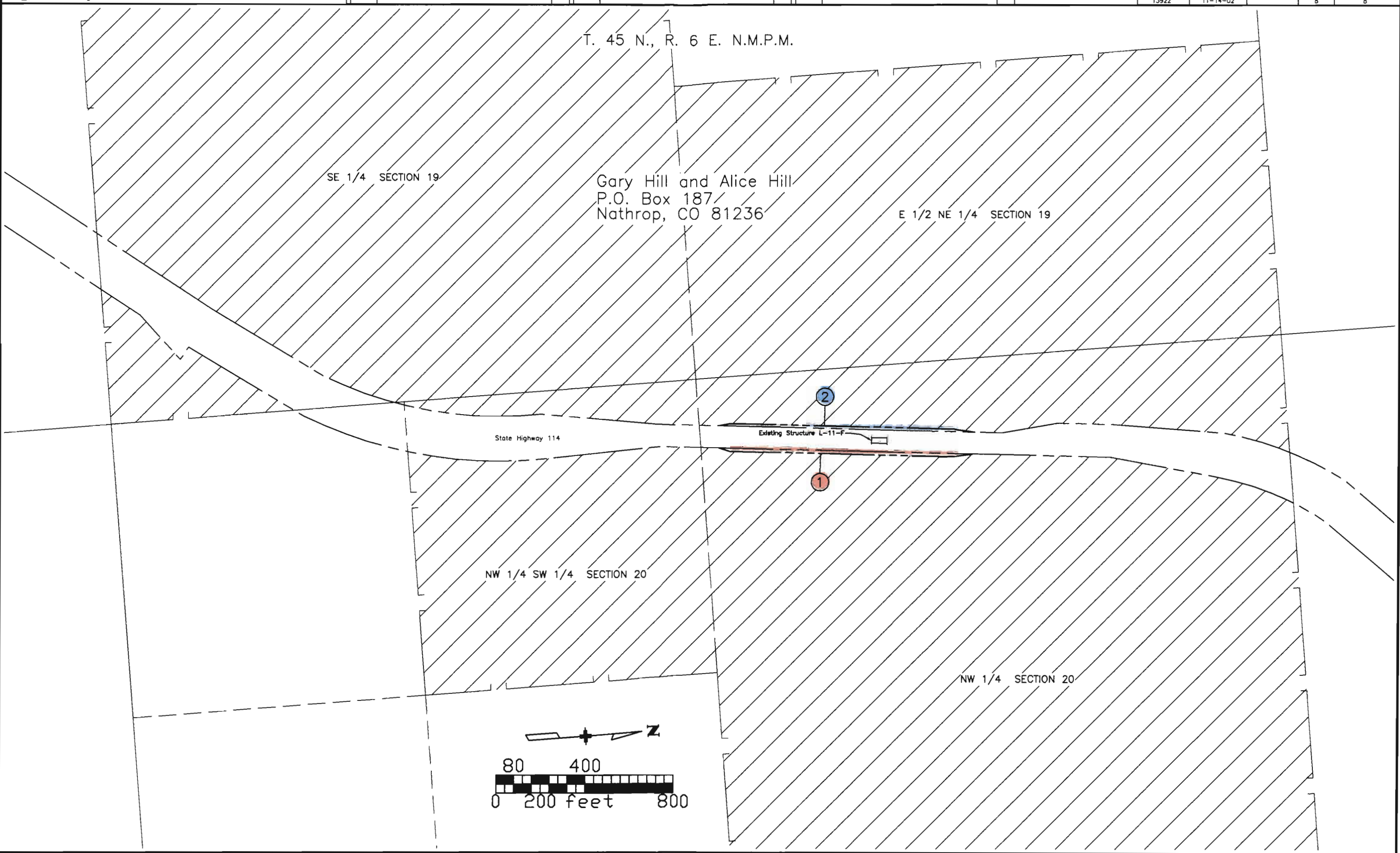
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Right of Way Plans				
Ownership Map				
Project Number: BR 114A-008				
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Project Location: State Highway 114				
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13922	11-14-02		8	8



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