

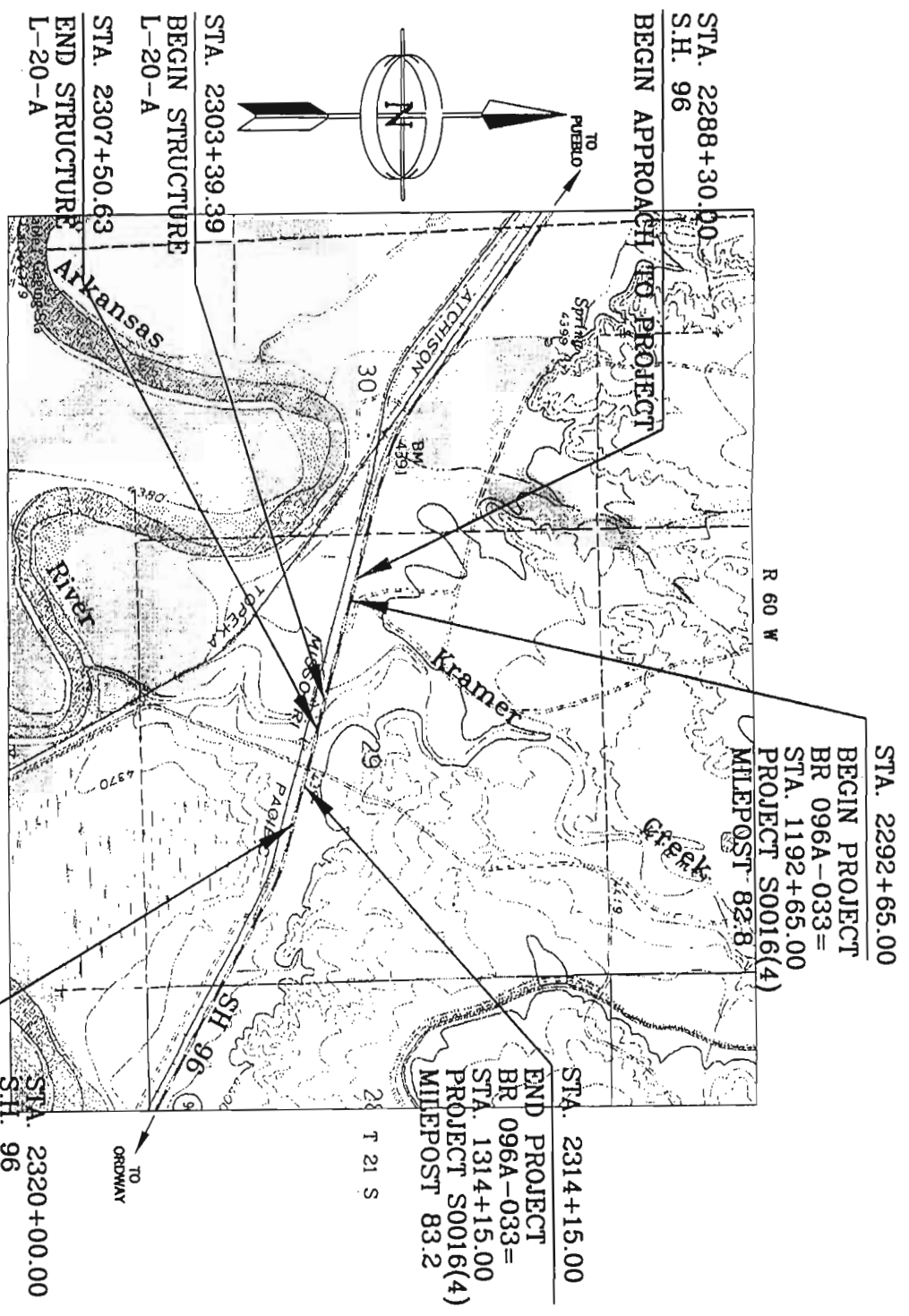
| | |
|-------------------------|---|
| Oversight/N.H.S. | <input type="checkbox"/> NO <input type="checkbox"/> YES |
| FHWA REGION OVERSIGHT | <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES |
| NATIONAL HIGHWAY SYSTEM | <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES |

DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO
 PLAN AND PROFILE OF PROPOSED
COLORADO PROJECT NO. BR 096A-033
STATE HIGHWAY 96
PUEBLO COUNTY

Related Projects:
 PE UNDER BR 096A-033
 R.O.W. Projects: N/A

TABULATION OF LENGTH AND DESIGN DATA

| STATION | ROADWAY FEET | MAJOR STRUCTURE FEET |
|---|-----------------|----------------------|
| STATE HIGHWAY 96 | | |
| STA. 2388+30.00 BEGIN APPROACH TO PROJECT | | |
| STA. 2292+65.00 BEGIN PROJ. BR 096A-033 | | |
| STA. 2303+39.39 BEGIN STR. L-20-A | 1074.39 | 411.24 |
| STA. 2307+50.63 END STR. L-20-A | 664.37 | |
| STA. 2314+15.00 END PROJ. BR 096A-033 | | |
| STA. 2320+00.00 END APPROACH TO PROJECT | | |
| TOTAL | 1,738.75 | 411.24 |
| SUMMARY | | |
| ROADWAY STRUCTURE | 1,738.76 | 0.329 |
| PROJECT GROSS LENGTH | 411.24 | 0.078 |
| | 2,150.00 | 0.407 |
| DESIGN DATA | | |
| STATE HIGHWAY 96 | | |
| MAXIMUM CURVE RADIUS | N/A | |
| MAXIMUM GRADE | 1.01% | |
| MINIMUM S.S.D. - HORIZONTAL | >725' | |
| MINIMUM S.S.D. - VERTICAL | >725' | |
| MAXIMUM DESIGN SPEED - HORIZONTAL | 65 MPH | |
| MAXIMUM DESIGN SPEED - VERTICAL | 65 MPH | |
| 2019 DESIGN TRAFFIC VOLUME | ADT = 1254 | % TRUCKS = 11.73% |
| 1998 TRAFFIC VOLUME | ADT = 1022 | % TRUCKS = 11.16% |



VICINITY MAP
0' 500' 1000' 2000'

SCALE NOTE FOR
 ENTIRE PLAN SET
 LINE IS 1 INCH
 AT ORIGINAL
 SCALE
 (IF NOT 1 INCH
 SCALE ACCORDINGLY)

AS CONSTRUCTED INFORMATION
 CONTRACTOR _____
 ENGINEER _____
 (Project or Resident)
 PROJECT STARTED _____
 PROJECT COMPLETED _____
 AS CONSTRUCTED PLANS
 APPROVED _____
 TITLE _____ DATE _____
 J.P.G./REGION 2/SUBACT. 12829

NEW AND REVISED STANDARDS

| Standard No. | Description | Date |
|--------------|--|----------|
| M-107--1 | TEMPORARY EROSION CONTROL | 03/24/97 |
| M-206--1 | EXCAVATION AND BACKFILL FOR STRUCTURES | 05/07/99 |
| M-206--2 | EXCAVATION AND BACKFILL FOR BRIDGES | 05/07/99 |
| M-606--1 | GUARDRAIL TYPE 3, W-BEAM | 01/05/00 |
| M-606--12 | GUARDRAIL TYPE 4, CONCRETE BARRIER | 10/29/98 |
| M-629--1 | SURVEY MONUMENTS | 08/28/97 |

| SHEET NO. | INDEX OF SHEETS |
|-----------|--------------------------------------|
| 1 | TITLE SHEET |
| 2 | STANDARD PLANS LIST |
| 3 | TYPICAL SECTIONS |
| 4 | GENERAL NOTES |
| 5 | SUMMARY OF APPROXIMATE QUANTITIES |
| 6 | SUMMARY OF EARTHWORK |
| 7 | TABULATION OF EMBANKMENT PROTECTORS, |
| 8 | RIPRAP, AND SURFACING |
| 9 | MISCELLANEOUS TABULATIONS |
| 10 | PLAN AND PROFILE |
| 11 | APPROACH PLAN AND PROFILE |
| 12 | L-20-A STRUCTURE PLANS |
| 13 | TABULATION OF TRAFFIC ENGINEERING, |
| 14 | SIGNING AND STRIPING |
| 15 | ROW PLANS |
| 16 | DETOUR PLAN AND PROFILE |
| 17 | STORMWATER MANAGEMENT PLAN |
| 18 | SURVEY TABULATION SHEET |
| 19 | CONTROL DIAGRAM SHEET |
| 20 | ROW PLANS |
| 21 | CROSS SECTIONS |
| 22 | DETOUR CROSS SECTIONS |

Computer File Information

| | | | |
|-------------------------|-------------|-----------|----------|
| Creation Date: | 10/10/00 | Initials: | JHK |
| Last Modification Date: | 5/21/01 | Initials: | CUJ |
| Full Path: | S:\9334\FOR | | |
| Drawing File Name: | 9334-CVR | | |
| Acad Ver.: | R14 | Scale: | AS SHOWN |
| | | Units: | English |

Index of Revisions

| No. | Description | Date | By |
|-----|-------------|------|----|
| | | | |
| | | | |
| | | | |

Colorado Department of Transportation

905 E. Ave. 81003
 Pueblo, CO 81003
 Phone: (719) 546-5272
 Fax: (719) 546-5456
 REGION 2 J.P.G.

As Constructed

No Revisions:
 Revised:
 Void:

TITLE SHEET

Designer: ACC/LRO
 Detailer: SAM
 Sheet Subset: ROADWAY
 Subsect Sheets: 1 of 1

Project No./Code

BR 096A-033
 12829
 Sheet Number: 1

Region 2
905 Erie Avenue
Pueblo, CO 81001
Phone: (719) 546-5454 FAX: (719) 546-5414
Right of Way Plans Unit: 2153

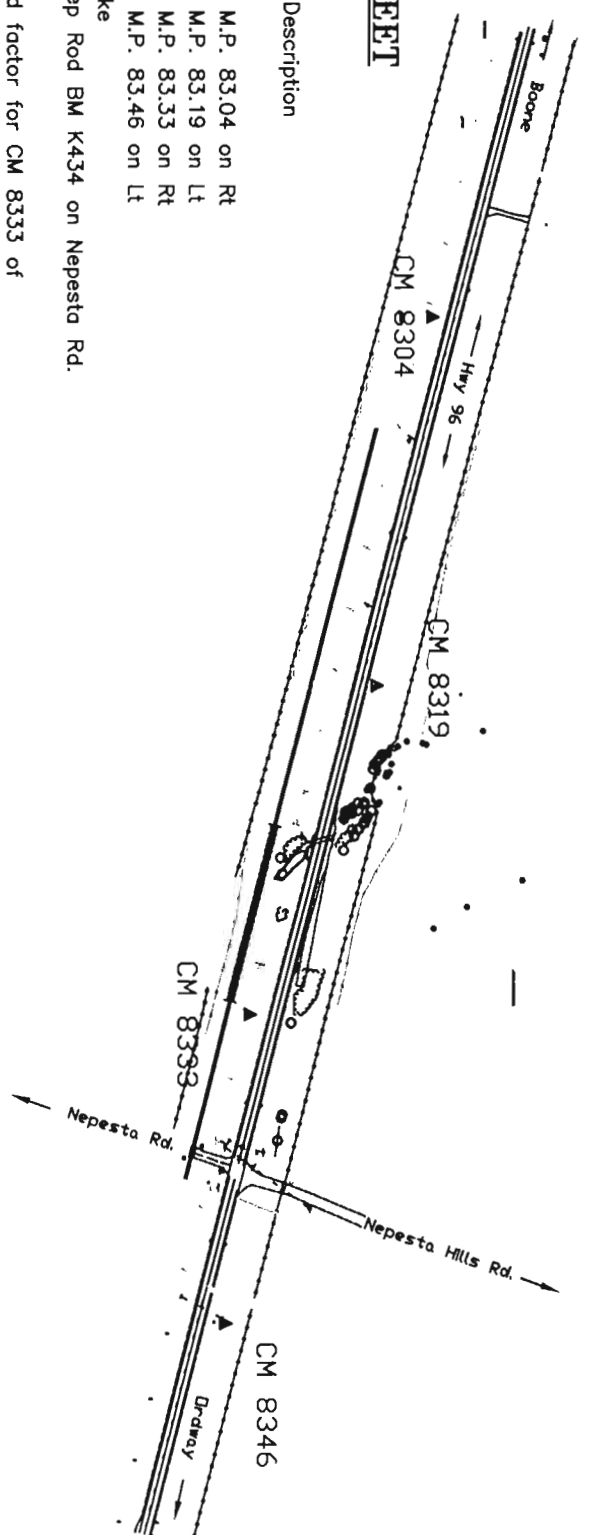
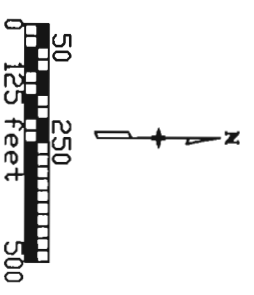
| Sheet Revisions | mm/yr | xxx |
|-----------------|-------|-----|
| | | |
| | | |
| | | |

S.H. 96 AT KRAMER CREEK
T. 21 S., R. 60 W., 6th P.M.
SEC. 29 IN PUEBLO COUNTY

| | |
|--|-----------------------|
| Project Number: BR 096A-033 | Right of Way Plans |
| Project Location: Hwy 96 at Kramer Creek | Control Diagram Sheet |
| Project Location: Mile Post 83.0 to 83.7 | |
| Project Code: 06-15-01 | |

Hwy 96 at Kramer Creek

M.P. 83.0 to 83.7
T 21 S, R 60 W, of the 6th PM



| Name | Northing | Easting | Elevation | Description |
|------|------------|------------|-----------|---------------------------------|
| 8304 | 246160.900 | 108791.735 | 4396.49 | CM M.P. 83.04 on Rt |
| 8319 | 246046.021 | 109564.728 | 4392.05 | CM M.P. 83.19 on Lt |
| 8333 | 245780.059 | 110258.371 | 4402.20 | CM M.P. 83.33 on Rt |
| 8346 | 245728.951 | 110907.525 | 4395.39 | CM M.P. 83.46 on Lt |
| 999 | 246999.418 | 110166.388 | 4416.87 | Spike |
| 434 | 244063.749 | 109872.916 | 4388.55 | Deep Rod BM K434 on Nepesta Rd. |

The project coordinates were derived by using the combined factor for CM 8333 of 0.9997541717 (based on data from GPSurvey for CM 8333).
[[Project coordinates (ft) x (1200 / 3937 m/ft)] + (northing (400,000) or easting (1,000,000) reduction)] x .9997541717 = State Plane Coordinates (m).

Geographic Coordinates

| Name | Latitude | Longitude | Ellipsoid Height (m) | Northing (m) | Easting (m) | Ortho Height (m) | Name |
|------|---------------------|---------------------|----------------------|--------------|--------------|------------------|------|
| 8304 | 38° 11' 30.04324" N | 104° 8' 49.81838" W | 1319.507 | 474913.2167 | 1032905.8072 | 1340.053 | 8304 |
| 8319 | 38° 11' 28.79722" N | 104° 8' 40.16013" W | 1318.151 | 474878.2099 | 1033141.3581 | 1338.701 | 8319 |
| 8333 | 38° 11' 26.06934" N | 104° 8' 31.52306" W | 1321.234 | 474797.1646 | 1033352.7289 | 1341.793 | 8333 |
| 8346 | 38° 11' 25.47093" N | 104° 8' 23.40405" W | 1319.156 | 474781.5906 | 1033550.5429 | 1339.719 | 8346 |
| 999 | 38° 11' 38.13261" N | 104° 8' 32.45289" W | 1325.712 | 475168.7347 | 1033324.6995 | 1346.266 | 999 |
| K434 | 38° 11' 09.16360" N | 104° 8' 36.66161" W | 1317.076 | 474274.1608 | 1033235.2709 | 1337.634 | K434 |

GENERAL NOTES

- This Control Survey is for the use of the Colorado Department of Transportation. This survey is NOT a complete Land or Right of Way survey, nor is this Control Diagram Sheet a Land or Right of Way Survey Plat.
- 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.
- No guarantee as to the accuracy of the information contained hereon is implied or expressed unless this copy bears an original signature and seal of Registered Land Surveyor named.
- All coordinates listed are PROJECT COORDINATES ONLY.
- All Elevations listed are based on the Datum of NAVD88, using the benchmark K 434 as the reference elevation for the project.
- Field survey control precision computed to meet or exceed Colorado Department of Transportation Survey Manual Minimum Horizontal Control Tolerance for a type "B" survey requirements (+/- 0.25 Ft. at 95% certainty).

BASIS OF BEARING

BASIS OF BEARINGS: The bearings referenced on this survey can be determined from any monuments set or found as shown on the Control Diagram Sheet. The basis of bearings for project reference is a line from Control Monument 8319 to Control Monument 8333 having a modified grid bearing of S 69° 01' 19" at a distance of 742.88 feet.

SURVEY SYMBOL TABLE

- ▲ Control Monument / Project
- Bench marks / Property Pins / Misc.
- △ Control Monument / secondary

SURVEYOR CERTIFICATE

I hereby state that this survey was performed under my supervision and checking, for and on the behalf of the Colorado Department of Transportation, State of Colorado, and is not a Land Survey Plat or a Right of Way Survey Plat, and is to the best of my knowledge and belief, the information presented here is true and correct.

○ BM K 434

DATE _____

COLORADO DEPARTMENT OF TRANSPORTATION
Region 2
905 Erie Avenue
Pueblo, CO 81001
Phone: (719) 546-5454 FAX: (719) 546-5414
RIGHT OF WAY PLANS UNIT: 2153

| Sheet No. | Revisions |
|-----------|-----------|
| 101 | xxx |
| 102 | xxx |
| 103 | xxx |
| 104 | xxx |

S.H. 96 AT KRAMER CREEK
T. 21 S., R. 60 W., 6th P.M.
SEC. 29 IN PUEBLO COUNTY

| Right of Way Plans | |
|--|---------------------|
| Plan Sheet | |
| Project Number: BR 096A-033 | Sheet No. of Sheets |
| Project Location: Hwy 96 at Kramer Creek | 1 of 2 |
| Project Location: Mile post 83.0 to 83.7 | |
| Project Code: 07-10-01 | |

PREVIOUS PROJECT INFORMATION
S 0016(4) R.D.W.



TE 1
6.50 ACRES
D.W. CARRUTH
55 ELEVENTH FAIRWAY DR.
PUEBLO, CO 81008
BOOK 2259 PAGE 786

INDIAN CLAIM NO. 1
BOOK 3 PAGE 512

TE 1

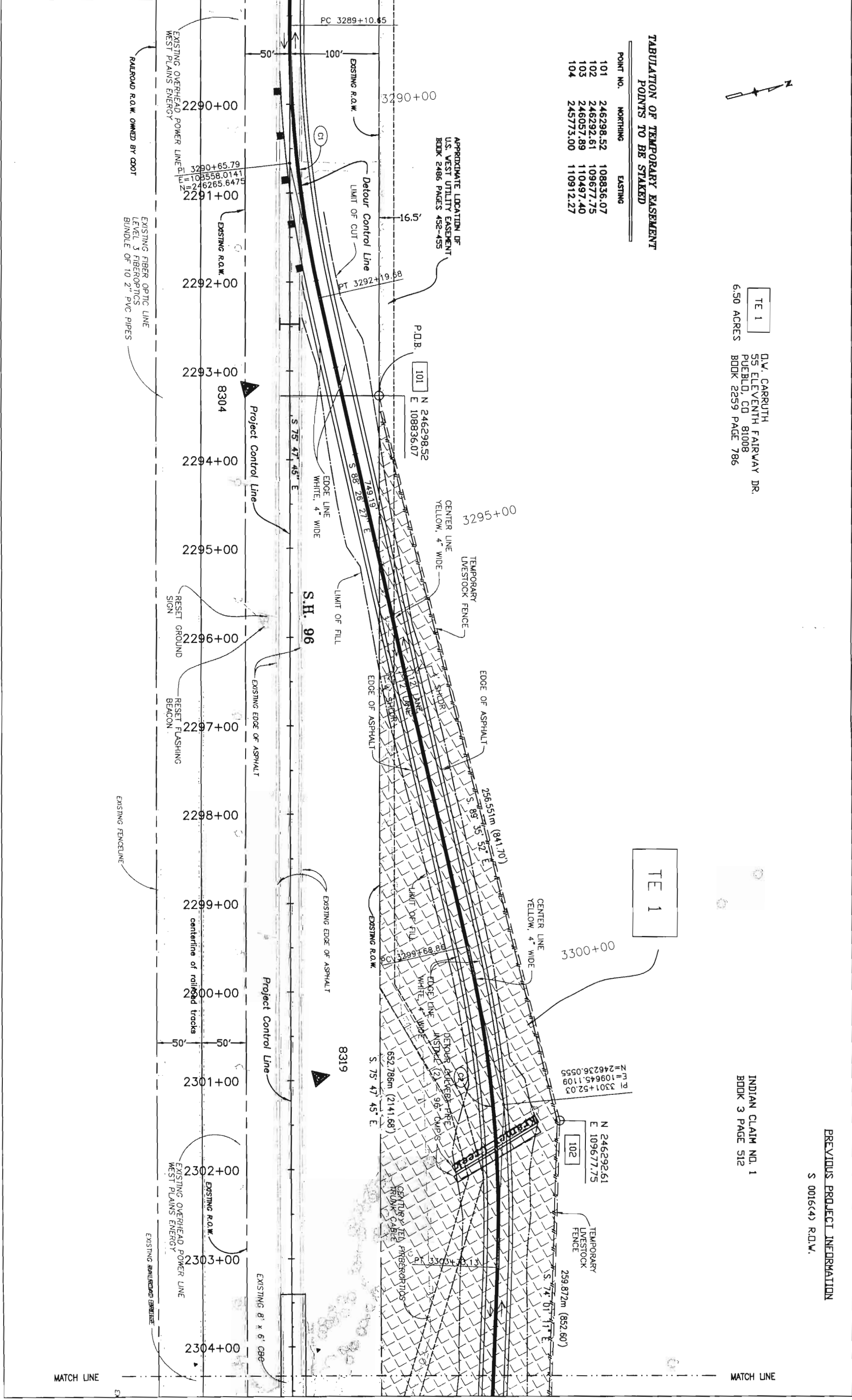
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E 109645.109
S 246236.0555

N 246292.61
E 109677.75
102

S 259872m (852.60)
101

TABULATION OF TEMPORARY EASEMENT POINTS TO BE STAKED

| POINT NO. | NORTHING | EASTING |
|-----------|-----------|-----------|
| 101 | 246298.52 | 108836.07 |
| 102 | 246292.61 | 109677.75 |
| 103 | 246057.89 | 110497.40 |
| 104 | 245773.00 | 110912.27 |



MATCH LINE

MATCH LINE

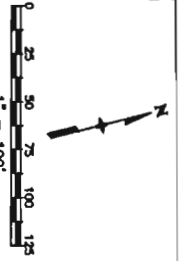
COLORADO DEPARTMENT OF TRANSPORTATION

Region 2
 905 Erie Avenue
 Pueblo, CO 81001
 Phone: (719) 546-5454 FAX: (719) 546-5414

RIGHT OF WAY PLANS UNIT: 2153

| REV | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

S.H. 96 AT KRAMER CREEK
 T. 21 S., R. 60 W., 6th P.M.
 SEC. 29 IN PUEBLO COUNTY



| Right of Way Plans | |
|--------------------|---|
| Plan Sheet | |
| Project Number: | BR 096A-033 |
| Project Location: | Hwy 96 at Kramer Creek |
| Project Location: | Mile post 83.0 to 83.7 |
| Project Code: | Left Hand Dots / Submittal Sheets / Sheet No. / Total No. of Sheets |
| 12829 | 07-10-01 2 of 2 |

PREVIOUS PROJECT INFORMATION
 S 0016(4) R.D.W.

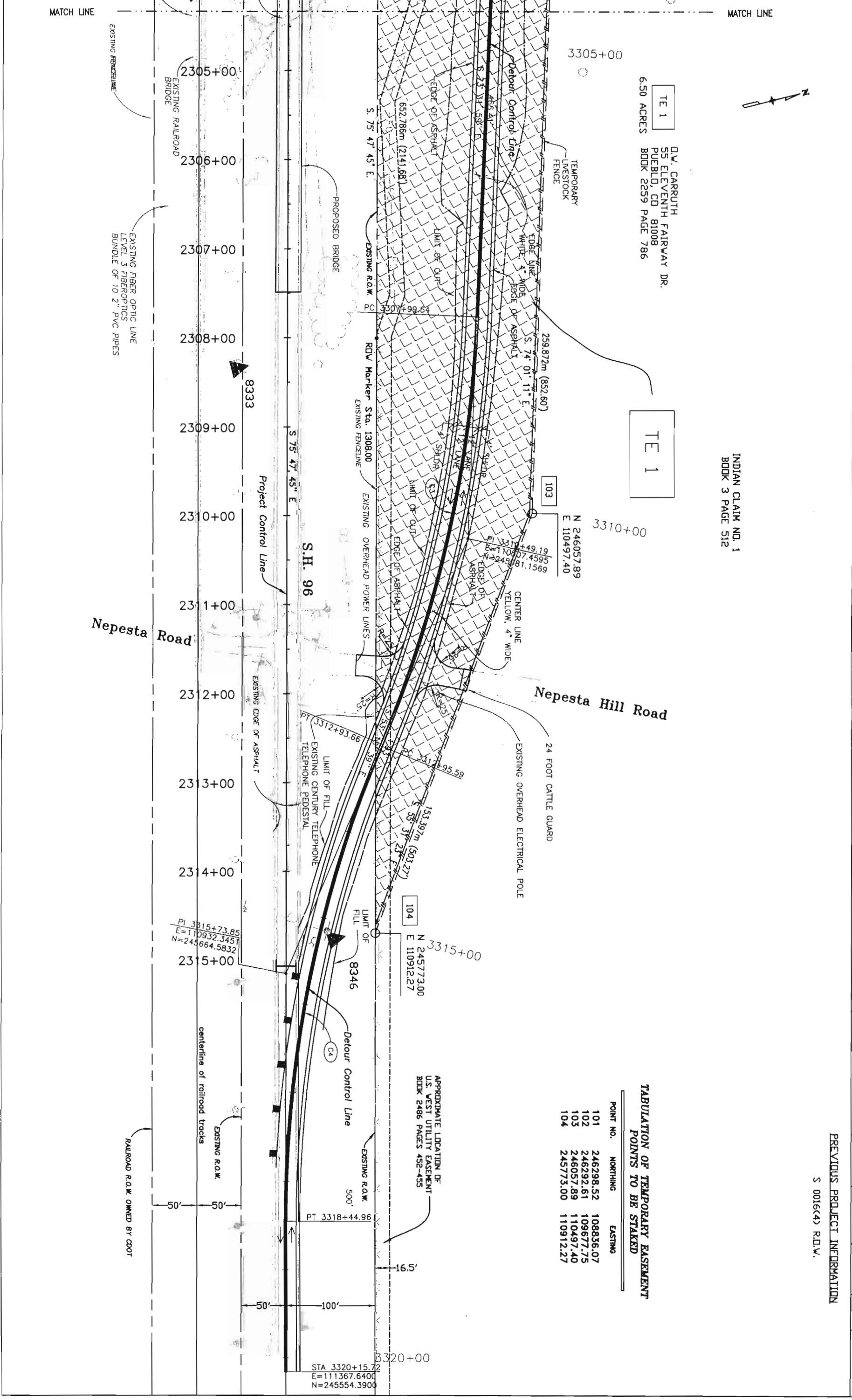
INDIAN CLAIM NO. 1
 BOOK 3 PAGE 512

TE 1
 D.V. CARRUTH
 55 ELEVENTH FAIRWAY DR.
 PUEBLO, CO 81008
 BOOK 2259 PAGE 786

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TABULATION OF TEMPORARY EASEMENT POINTS TO BE STAKED

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| 101 | 246298.52 | 108836.07 |
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| 103 | 246057.89 | 110497.40 |
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STA 3320+15.72
 E=111367.6400
 N=245554.3900