

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY
15.2 MILES E. OF SH 350

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	BRS 0160(008)	1	5
REVISIONS				

RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. BRS 0160(008) STATE HIGHWAY NO. 160 LAS ANIMAS COUNTY RIGHT OF WAY

CONVENTIONAL SIGNS

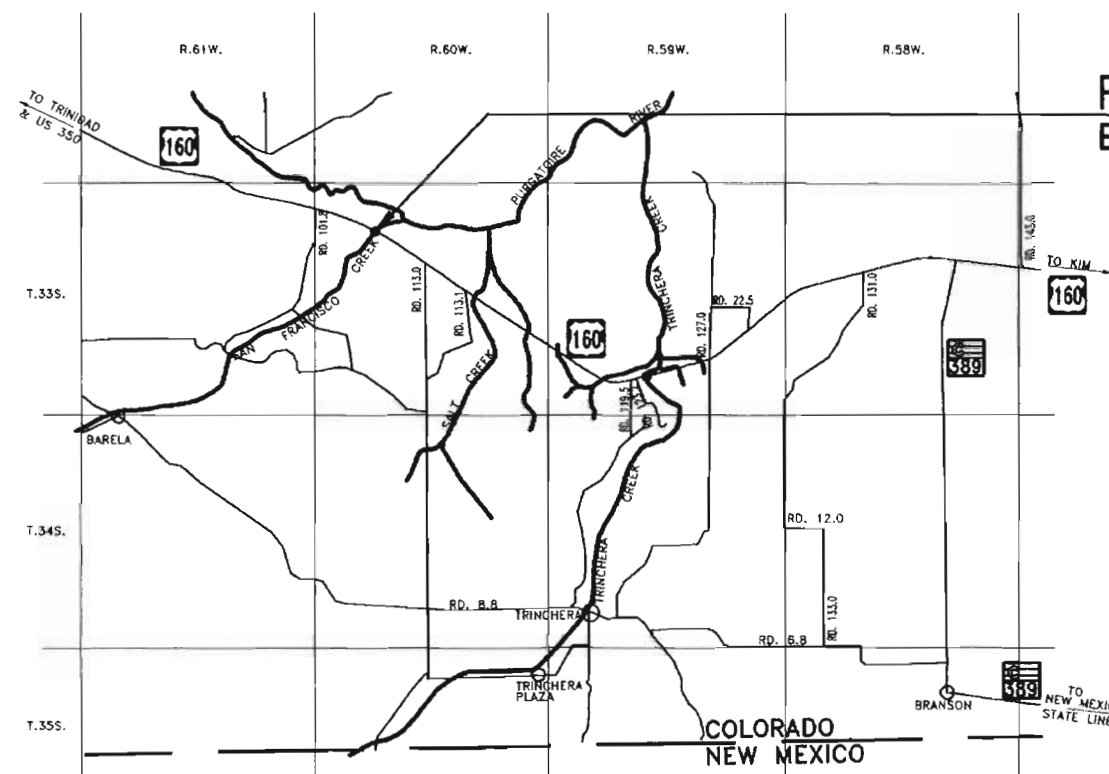
County Line	-----
Township or Range Line	-----
Land Lines Section Line 1/4 Section Line 1/16 Section Line	-----
Property or Tract Line	-----
City Limits	-----
Railroad	=====
Existing Road	=====
New Road	-----
Control of Access	-----
Access denied by Deed	-----
Right of Way Line	-----
Protected by Freeway (Virgin Location)	-----
Top of Cuts	-----
Toe of Fills	-----
Barbed Wire Fence	-----
Chain Link Fence	-----
Woven Wire-Combination Fence	-----
Snow Fence	-----
Wood Fence	-----
Deer Fence	-----
Trees	Deciduous: * * * * * Coniferous: * * * * *
Tel. & Teleg. Lines	-----
Electric Lines	-----
Elec. Trans. Tower	-----
Buried Tel. Cable	-----
Buried Electric Cable	-----
Gas Main	-----
Oil Main	-----
Water Main	-----
Sanitary Sewers	-----
Storm Sewers	-----
Road Approaches	-----
Section Corner	-----
Culverts & Drains	-----
Bridges	-----

SCALES OF ORIGINAL DRAWINGS

PLAN SHEETS 1' = 50'
R.O.W. LENGTH OF PROJECT = 1,907'

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 TABULATION OF PROPERTIES SHEET
- 3 CONTROL SHEET
- 3A MONUMENTATION SHEET
- 4-5 PLAN SHEETS



PROJECT BRS 0160(008)
EXIST. STR. NO. P-20-E

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
AUTHORIZED	DATE
DIVISION ADMINISTRATOR	

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 CDOT Control #6569 to CDOT Control Point #6615. Said line having a bearing of S. 57° 50' 21" E. at distance of 1257.80 Feet.

APPROXIMATE SCALE: 1" = 5 MI.

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discovered 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.

CERTIFICATION: The undersigned office surveyor hereby certifies that this right-of-way plan delineates the property acquired by the Colorado Department of Transportation under Project BRS 0160(008) and the undersigned field surveyor certifies that the property has been monumented as shown on the plan. This right-of-way plan is null and void unless it bears the original signatures and seals of the Professional Land Surveyors in responsible charge of the work.

FIELD SURVEYOR CERTIFICATE	
ROW MONUMENTATION WAS DONE UNDER MY SUPERVISION AND CHECKING	
NAME:	-----
PLS NUMBER:	-----
DATE:	-----

OFFICE SURVEYOR CERTIFICATE	
ROW PLANS WERE DONE UNDER MY SUPERVISION AND CHECKING	
NAME:	-----
PLS NUMBER:	-----
DATE:	-----

DATE: MARCH 1998
SUBACCOUNT: 92999
REGION 2

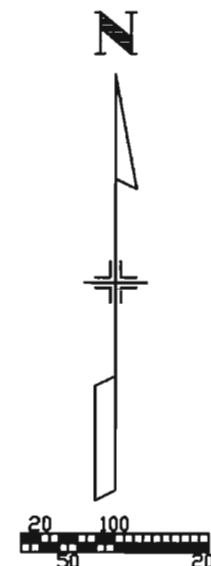
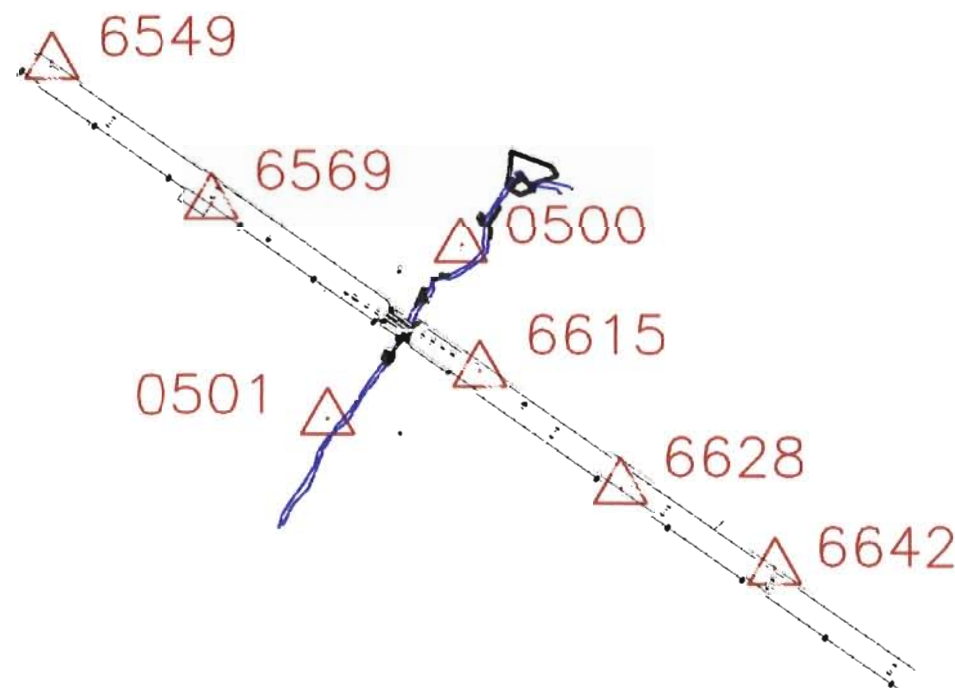
S.H. NO. 160

RIGHT OF WAY
15.2 MI E. of SH 380
(Str. No. P-29-E)

C:\92999\92999tab.dwg RQ

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SECTION 8, TOWNSHIP 33 SOUTH RANGE 60 WEST
OF THE 6th P.M. - Las Animas County, Colorado
SITE A



GENERAL NOTES

- 1.) 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 Plot.
- 2.) 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.
- 3.) 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.
- 4.) All coordinates listed are MODIFIED GRID COORDINATES based on G.P.S. observations.
- 5.) All Elevations listed are based on the Datum of NAVD88.
- 6.) Field survey control precision computed to meet or exceed Colorado Department of Transportation Survey Manual Minimum Horizontal Control Tolerance for a type "A" survey requirements (+/- 3cm at a 95% level of 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 C.D.O.T. Control Monument #6615 to C.D.O.T. Control Monument #6569. Said line having a bearing of S. 57° 50' 21" E., at a distance of 1257.80 Feet.

SURVEY SYMBOL TABLE

- ⊙ Control Monument / NGS
▲ Control Monument / CDOT

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 Plot or a Right of Way Survey Plot, and is to the best of my knowledge and belief, the information presented here is true and correct.

DATE

Project = BRS 0160(8), 15.2 Mi. East of S.H. 350

Structure = P-20-E, San Francisco Creek

Datum = NAD-83

SPC Zone = Colorado South

Linear Conversion = U.S. Survey Ft. (1 Meter = 3937/1200 Feet)

Pnt	Latitude	Longitude	SPC Northing (M)	SPC Easting (M)	Height (M)	Mod Grid Northing (FT) (-1000000)	Mod Grid Easting (FT) (-3000000)	Height (FT)	Description
0500	37-11-08.455191	104-08-40.294889	363276.468	1034757.643	1616.21	192141.366	395698.590	5302.52	SPIKE
0501	37-11-01.755113	104-08-47.055240	363067.519	1034593.906	1618.08	191455.672	395161.266	5308.65	SPIKE
0019	37-10-32.820418	104-08-18.300932	362185.912	1035316.088	1630.32	188562.549	397531.181	5412.35	SEC COR 8,9,16,17
5478	37-10-32.605168	104-07-12.438172	362203.118	1036940.760	1651.34	188619.022	402862.787	5417.77	STONE (not shown)
0025	37-11-26.200291	104-09-22.650625	363808.370	1033705.160	1669.42	193886.867	392244.700	5477.10	SEC COR 5,6,7,8
6549	37-11-15.886884	104-09-00.255583	363498.421	1034262.044	1632.96	192869.737	394072.216	5357.47	CDOT CM
6569	37-11-10.330388	104-08-52.524954	363329.899	1034455.178	1622.92	192316.708	394706.010	5324.53	CDOT CM
6615	37-11-03.560558	104-08-39.491388	363125.878	1034779.649	1619.21	191647.184	395770.807	5312.36	CDOT CM
6628	37-10-58.877458	104-08-32.742454	362983.938	1034948.198	1620.28	191181.390	396323.924	5315.87	CDOT CM
6642	37-10-55.633655	104-08-25.207625	362886.651	1035135.491	1625.25	190862.128	396938.549	5332.17	CDOT CM

Note: Modified Grid Based On Point 6615

Scale Factor: 1.000009258

Ellipsoid Reduction Factor: 0.999745958
(El. Ht. = 1619.21)

Combined Reciprocal Factor: 1.000244847
[1/(S.F.*E.R.F.)]

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Computer File Information			Index of Revisions		Colorado Department of Transportation		As Constructed	SURVEY CONTROL DIAGRAM			Project No./Project Code	
Creation Date:	03/30/98	Initials: LRL			 Region 2 905 Erie Avenue Pueblo, CO 81002 Phone: (719) 546-5454 FAX: (719) 546-5414	No Revisions:		Surveyor: MLB Location: 15.2 miles east of S.H. 350			BRS 0160(008)	
Last Modification Date:	05/28/98	Initials: LRL		Revised:		Detailer: LRL County: LAS ANIMAS					15.2 MILES E. SH 350	
Full Path:	\\SHEETS\SH160\			Void:		Sections: 8 Township 33 South, Range 60 West, 6th P.M.			92999			
Drawing File Name:	92999scd.dwg								Sheet Number 3 OF 5			
Acad Ver.: R12c4	Scale: 1: 400	Units: Feet				Field Survey Unit Micheal L. Bouchard						

R.O.W. MONUMENTATION SHEET

TABULATIONS OF R.O.W. MARKERS

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

POINT NO. ⬡	COORDINATES	
	NORTH	EAST
1	192271.959	394759.079
2	191809.093	395376.446
3	191742.971	395470.864
4	191180.791	396317.799
5	191262.363	396374.081
6	191577.411	395972.679
7	191954.370	395433.978
8	192356.655	394812.466

TABULATION OF EASEMENT POINTS TO BE SET

POINT NO. □	COORDINATES	
	NORTH	EAST
11	191694.887	395967.068
12	192013.523	395616.755

TABULATION OF SURVEY CONTROL POINTS

POINT NO. △	COORDINATES		DESCRIPTION
	NORTH	EAST	
500	192141.366	395698.590	TMOSS POINT (SPIKE)
501	191455.672	395161.266	TMOSS POINT (SPIKE)
6549	192869.737	394072.216	CDOT CONTROL MONUMENT
6569	192316.708	394706.010	CDOT CONTROL MONUMENT
6615	191647.184	395770.807	CDOT CONTROL MONUMENT
6628	191181.390	396323.924	CDOT CONTROL MONUMENT
6642	190862.128	396938.549	CDOT CONTROL MONUMENT
19	188562.549	397531.181	SECTION COR 8,9,16,17
20	191217.090	397545.963	1/4 SECTION COR 8,9
21	193879.712	397586.303	SECTION COR 4,5,8,9
22	188554.086	394898.330	1/4 SECTION COR 8,17
23	188524.642	392075.405	SECTION COR 7,8,17,18
24	191206.067	392160.689	1/4 SECTION COR 7,8
25	193886.867	392244.700	SECTION COR 5,6,7,8
26	193883.060	394915.809	1/4 SECTION COR 5,8

REVISIONS	

RIGHT OF WAY
15.2 MI E. of SH 350
(STR. NO. P-20-E)

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	BRS 0160(008)	3A	5

GENERAL NOTES

1. This Right of Way plan is not a complete boundary survey of all adjoining owners and is prepared for Transportation Department purposes only.
2. Ownership Information by CDOT
3. 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.
4. All R.O.W. Markers set from survey control points.
5. All centerline and offset stationing is theoretical only and may not represent the centerline as constructed in the field.
6. All coordinates listed are project coordinates.
7. 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 C.D.O.T. Control Monument #6569 and C.D.O.T. Control Monument #6615. Said line having a bearing of S. 57° 50' 21" E., at a distance of 1257.80 Feet.

CAP TYPE	MONUMENT TYPE							
	1	1A	2	2A	3	3A	4	5
REFERENCE								
3 1/4" ROW								
CONTROL								
** ALIQUOT CORNER								
WITNESS POST								
1 1/2" ALUM. ROW								

REVISIONS		
DATE	DESCRIPTION	BY

REVISIONS		
DATE	DESCRIPTION	BY

RIGHT OF WAY
15.2 MI. E. OF SH 350
(STR. NO. P-20-E)

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	BRS 0160(008)	4	5

T. 33 S., R. 60 W. 6th PM.

NW 1/4 SECTION 8

NE 1/4 SECTION 8

② River Canyon Ranch Co.

TE-2

DETOUR CURVE DATA

①	②
$\Delta = 19^{\circ}00'00''$ Lt	$\Delta = 19^{\circ}00'00''$ Rt
$DC = 4^{\circ}45'00''$	$DC = 4^{\circ}45'00''$
$TC = 201.85'$	$TC = 201.85'$
$LC = 400.00'$	$LC = 400.00'$
$RC = 1206.23'$	$RC = 1206.23'$
③	④
$\Delta = 18^{\circ}00'00''$ Rt	$\Delta = 18^{\circ}00'00''$ Lt
$DC = 4^{\circ}30'15''$	$DC = 4^{\circ}30'00''$
$TC = 201.48'$	$TC = 201.66'$
$LC = 399.63'$	$LC = 400.00'$
$RC = 1272.06'$	$RC = 1273.24'$

Begin ROW Project BRS 0160(008)
STA. 109+80 (M.P. 365.70)

Begin Construction SITE A

STA. 107+00 (M.P. 365.65)

EXISTING ROW
BK 523 PG 483



① George and Beverly Preis 1/2 UND INT
Jack and Darlene Wilson 1/2 UND INT

REVISIONS		
DATE	DESCRIPTION	BY

REVISIONS		
DATE	DESCRIPTION	BY

RIGHT OF WAY
15.2 MI. E. OF SH. 350
(STR. NO. P-20-E)

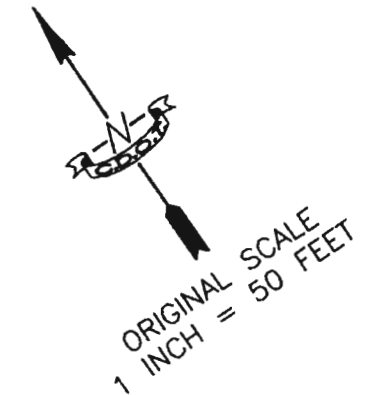
FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	BRS 0160(008)	5	5

T. 33 S., R. 60 W. 6th PM.
NE 1/4 SECTION 8

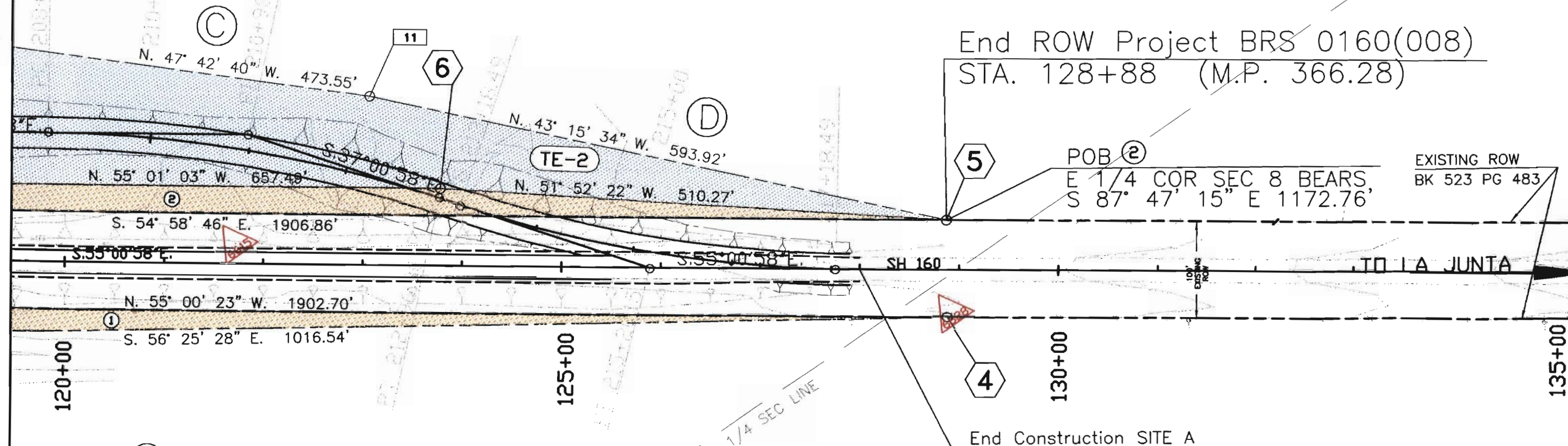
DETOUR CURVE DATA

Ⓐ Δ = 19°00'00" Lt PC = 4°45'00" TC = 201.85' LC = 400.00' RC = 1206.23'	Ⓑ Δ = 19°00'00" Rt PC = 4°45'00" TC = 201.85' LC = 400.00' RC = 1206.23'
Ⓒ Δ = 18°00'00" Rt PC = 4°30'15" TC = 201.48' LC = 399.63' RC = 1272.06'	Ⓓ Δ = 18°00'00" Lt PC = 4°30'00" TC = 201.66' LC = 400.00' RC = 1273.24'

② River Canyon Ranch Co.
TE-2



End ROW Project BRS 0160(008)
STA. 128+88 (M.P. 366.28)



① George and Beverly Preis 1/2 UND INT
Jack and Darlene Wilson 1/2 UND INT

End Construction SITE A
STA. 128+00 (M.P. 366.26)

SE 1/4 SECTION 8