

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	STR(CX) 0133(22) Unit 1	1	6

RIGHT OF WAY
WEST OF PAONIA RESERVOIR

REVISIONS		
2-17-95	change total sht. number	JWJ

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 _____
 Center of Section _____
 Culverts & Drains _____
 Bridges _____

Bridges
 Existing (To be dashed)

POINT NUMBER DESIGNATIONS

- Control Point and Aliquot Corner
- ROW Marker
- Property Survey Marker
- Other Points

BASIS OF BEARINGS: N. 88° 59' 23" E., between the W1/4 corner of Sec. 12 (a found GLO brass cap), and the E1/4 corner of Sec. 12 (a found GLO brass cap), in T. 13 S., R. 90 W., 6th P.M.

Date: 10-94
 Subaccount: 93110
 Region: 3

1 0 (KM)
 .5 0 (MILES)
 SCALE 1 : 40000 (ORIGINAL)

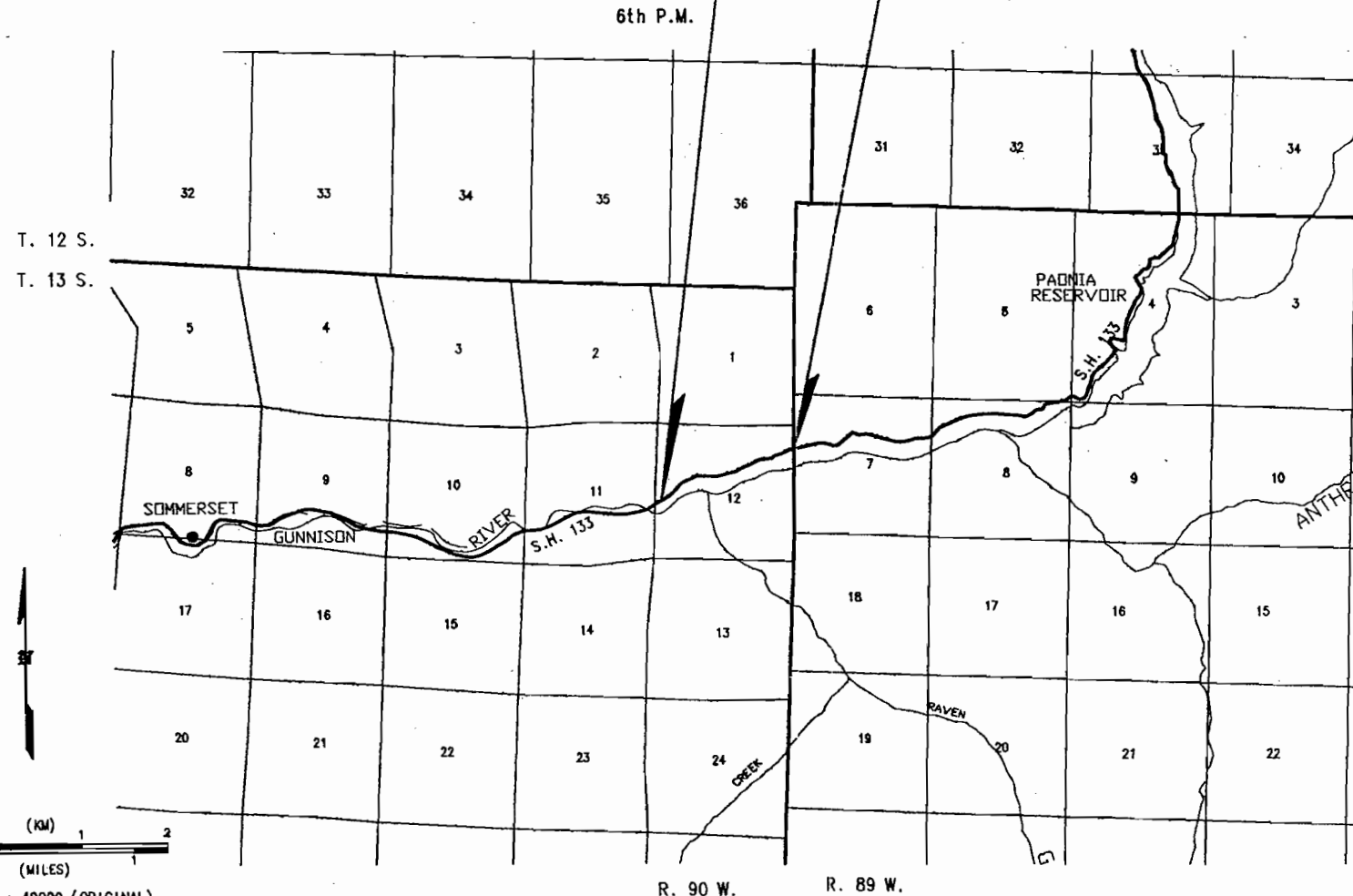
RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. STR(CX) 0133(22) Unit 1 STATE HIGHWAY NO. 133 GUNNISON COUNTY RIGHT OF WAY

SCALES OF ORIGINAL DRAWINGS
 PLANS 1 : 100
 R.O.W. LENGTH OF PROJECT = 1447.190 meters
 NOTE: All measurements are in meters.

Begin R.O.W. Proj. STR(CX) 0133(22) Unit 1, Sta. 6+082.053=

End R.O.W. Proj. RS 0133(8) Sec. 2 P.O.S.T. 347.32 meters (1139.5') Ah. P.I.=
 M.P. 21.3

End R.O.W. Proj. STR(CX) 0133(22) Unit 1, Sta. 7+529.243 =
 M.P. 22.2



DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
AUTHORIZED:	DATE
DIVISION ADMINISTRATOR	

[illegible][illegible]

CONTROL AND MONUMENTATION SHEET

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	STR(CX)0133(22) Unit 1	3	6

RIGHT OF WAY
West of Paonia Reservoir

REVISIONS		
2-17-05	add sht. 3 (monumentation sht)	JWJ

SURVEY CONTROL POINT TABULATION

PNT. NO.	COORDINATES		REMARKS	SET / FOUND
	NORTH	EAST		
1	28520.4575	49130.4139	MP21.0 - 3.25" Al. cap monument	SET
2	28626.7368	49457.1235	MP21.2 - 3.25" Al. cap monument	SET
3	28774.8713	49665.8486	MP21.4 - 3.25" Al. cap monument	SET
4	28827.219	49765.414	MP21.5 - 3.25" Al. cap monument	SET
5	28847.989	49986.378	MP21.6 - 3.25" Al. cap monument	SET
6	28865.352	50139.041	MP21.7 - 3.25" Al. cap monument	SET
7	28925.6014	50295.9147	MP21.8 - 3.25" Al. cap monument	SET
8	29019.082	50482.756	MP21.9 - 3.25" Al. cap monument	SET
9	29062.290	50667.742	MP22.0 - 3.25" Al. cap monument	SET
10	29140.7830	50821.6235	MP22.2 - 3.25" Al. cap monument	SET
11	29198.331	51013.228	MP22.3 - 3.25" Al. cap monument	SET
12	29228.756	51165.717	MP22.4 - 3.25" Al. cap monument	SET
13	29239.645	51283.637	MP22.45 - 3.25" Al. cap monument	SET
14	29219.2850	51395.1040	MP22.5 - 3.25" Al. cap monument	SET
15	29251.8830	51464.4813	MP22.6 - 3.25" Al. cap monument	SET
16	29357.339	51566.909	MP22.65 - 3.25" Al. cap monument	SET
33	29136.387	51225.549	CP RIVER - 1.5" Al. cap on #5 rebar	SET
34	29519.0516	50185.9319	CP JM - 1.5" Al. cap on #5 rebar	SET
35	28673.7812	48839.3591	CP JACK - 1.5" Al. cap on #5 rebar	SET
36	28583.5884	48202.8835	CP BROWN - 1.5" Al. cap on #5 rebar	SET
37	28289.6172	48056.7316	CP BEAR - 1.5" Al. cap on #5 rebar	SET
38	28700.9257	49328.0409	WQTR S12 - a found 2.5" BC on a 1" post	FOUND
39	29519.9002	50921.4681	NE S12 - a found 3" BC on steel pipe	FOUND
40	29533.0574	49359.3667	NW S12 - a found 2.5" BC on a 2" post	FOUND
41	27914.7929	47792.7940	SW S11 - a found 2.5" BC on a 2" post	FOUND
42	28690.0184	47823.1043	WQTR S11 - a found 2.5" BC on a 1" post	FOUND
43	28784.8614	50924.0887	EQTR S12 - a found 2.25" BC on a 1" post	FOUND
44	27960.6661	50112.9180	SQTR S12 - a found 2.5" BC on a 1" post	FOUND
45	29508.051	50150.192	NQTR S12 - a found 2.5" BC on a 1" post	FOUND

TABULATION OF EASEMENT AND OTHER POINTS

PNT. NO.	COORDINATES		REMARKS
	NORTH	EAST	
502	28734.291	49677.330	
503	28801.146	49633.393	
504	28777.878	49750.066	
505	28849.814	49715.063	
506	28806.665	49846.724	
507	28886.030	49836.666	
508	28809.974	49931.455	
509	28889.974	49931.656	
510	28809.925	49951.162	
511	28889.925	49951.363	
512	28811.633	50033.862	
513	28891.460	50028.597	
514	28857.002	50229.838	
515	28931.021	50199.488	
516	28891.810	50304.875	
517	28963.583	50269.539	
518	28952.051	50427.231	
519	29023.823	50391.895	
520	28985.183	50500.827	
521	29060.299	50473.301	
522	28986.890	50505.589	
523	29062.385	50479.121	
524	29008.062	50583.472	
525	29085.938	50565.160	
526	29008.568	50585.623	
527	29086.444	50567.311	
528	29032.121	50671.662	
529	29107.616	50645.194	
530	29033.346	50675.110	
531	29108.618	50648.015	
532	29069.354	50756.724	
533	29141.328	50721.800	
534	29069.727	50757.493	
535	29141.702	50722.569	
536	29090.875	50801.863	
537	29163.573	50768.471	
576	28709.664	49494.193	
577	28717.990	49652.526	
578	29222.087	50922.530	
579	29138.289	50922.829	

GENERAL NOTES

1. This Right of Way Plan is not a complete boundary survey of all adjoining owners and is prepared for Department of Transportation, State of Colorado purposes only.
2. Found and set monuments are located within an error circle of radius 0.076 meters with respect to controlling monuments at a 95% confidence level.
3. NOTICE: According to Colorado law you must commence any legal action based upon any defect found 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 Right of Way Markers set from survey control points.
5. All centerline stationing and offsets are theoretical only and may not represent the centerline as constructed.
6. All coordinates listed are project coordinates.
7. No guarantee as to the accuracy of the information contained on the attached drawing is either stated or implied unless this copy bears an original signature of the registered land surveyor(s) hereon named.

OFFICE SURVEYOR CERTIFICATE

ROW Plans and Legal Descriptions were prepared under my supervision and checking.

Name_____

Date_____

SEAL

P.L.S. No. _____

FIELD SURVEYOR CERTIFICATE

Control survey and monumentaion was done under my supervision and checking

Name_____

Date_____

SEAL

P.L.S. No. _____

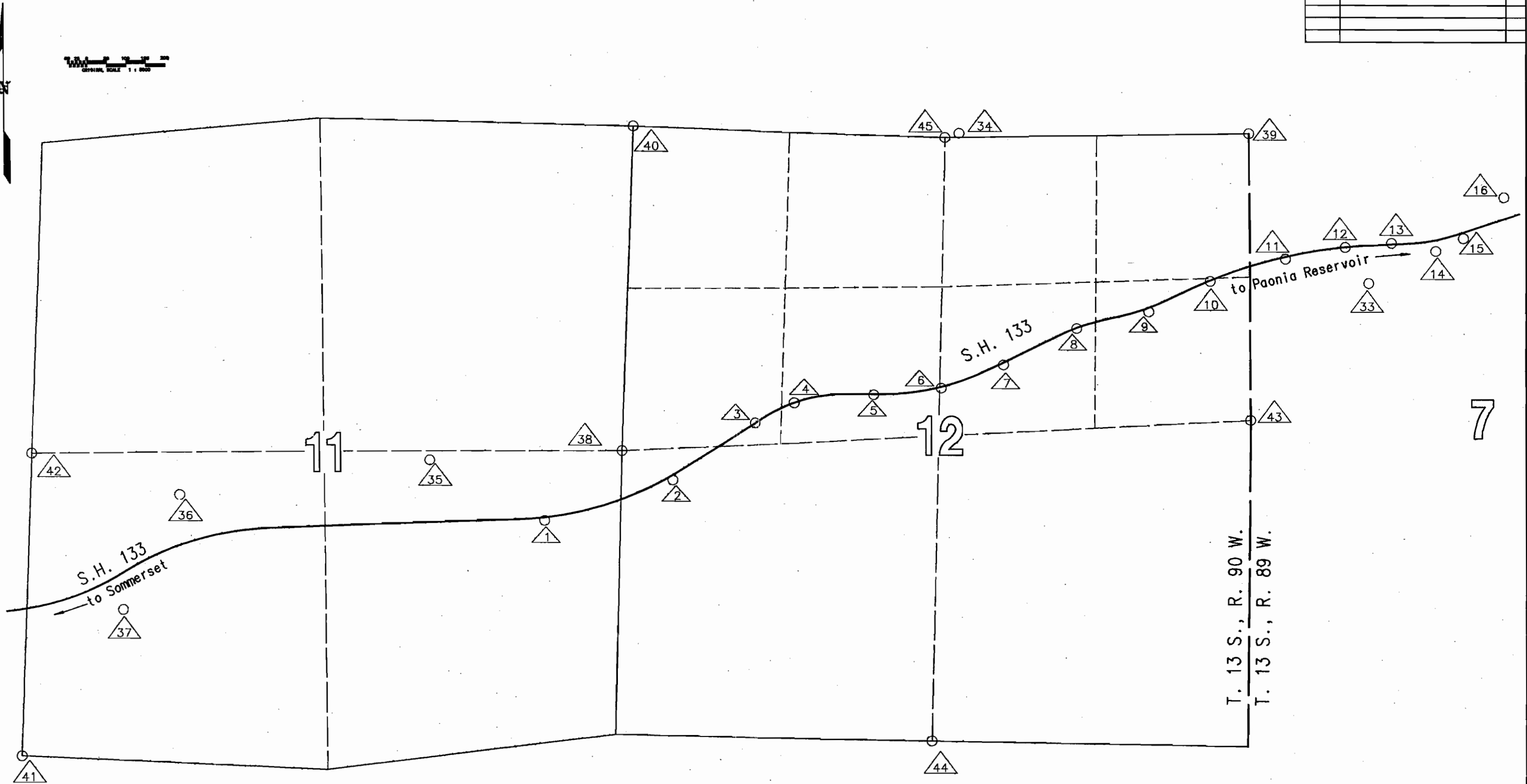
NOTE: All measurements are in meters.

CONTROL AND MONUMENTATION SHEET

T. 13 S., R. 90 W., 6th P.M.
GUNNISON COUNTY

NOTE: All measurements are in meters.

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	STR(CX)0133(22) Unit 1	3A	6
RIGHT OF WAY WEST OF PAONIA RESERVOIR				
REVISIONS				
2-17-85	add sht. 3A (ctrl. & monu. diag.)	JWJ		



50 25 0 50 100
METERS

ORIGINAL SCALE 1 : 1000

NOTE: All measurements are in meters.

T. 13 S., R. 90 W., 6th P.M.

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	C.O.L.O.	STR(CX)0133(22) Unit 1	4	6

RIGHT OF WAY
West Of Paonia Reservoir

REVISIONS		
2-17-95	rev. total sht. number	JWJ

PI STA=6+330.641
 $\Delta s=33^{\circ}27'24''$ R
Ts=150.459

CIRCULAR
 $\Delta=18^{\circ}43'25''$
T=57.702
R=350.000
L=114.375

SPIRALS
 $\theta=7^{\circ}22'00''$
L=90.000
LT=60.052
ST=44.975

1
U.S. Land (BLM)

Sec 11
Sec. 12

Found 1908 GLO brass cap

11
12

6+100

6+200

6+300

To Somerset

N56°41'13.7"E

(BLM)
(private)

Begin Const. Proj STR(CX)0133(22) Sta. 6+092.212=

Begin R.O.W. Proj. STR(CX)0133(22) Unit 1, Sta 6+082.053=
End R.O.W. Proj. RS 0133(8)Sec. 2 P.O.S.T. 347.32 meters (1139.5') Ah. P.I.
W. 1/4 corner of Sec. 12 bears S.86°59'23"W., 245.658

Basis of Bearings: N.86°59'23"E. between the W. 1/4 corner of Sec. 12,
a found GLO brass cap, and the E. 1/4 corner of Sec. 12,
a found GLO brass cap, in T. 13 S., R. 90 W. 6th P.M.

50 25 0 METERS 50 100

ORIGINAL SCALE 1 : 1000

NOTE: All measurements are in meters.

PI STA=6+330.641
 $\Delta=33^{\circ}27'24''$ R
 $Ts=150.459$

CIRCULAR
 $\Delta=18^{\circ}43'25''$
 $T=57.702$
 $R=350.000$
 $L=114.375$

SPIRALS
 $\theta = 7^{\circ}22'00''$
 $L=90.000$
 $LT=60.052$
 $ST=44.975$

T. 13 S., R. 90 W., 6th P.M.

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	STR(CX)0133(22) Unit 1	5	6

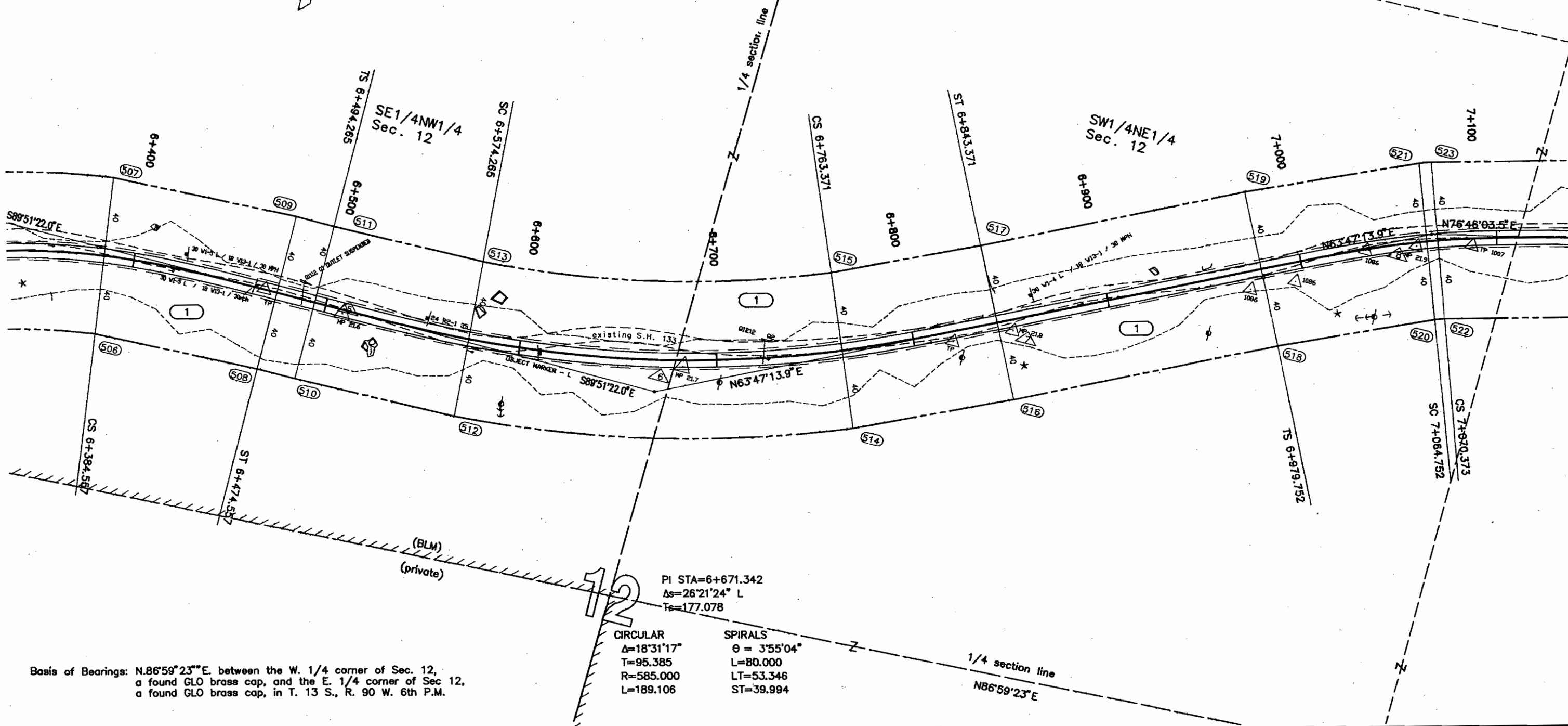
RIGHT OF WAY			REVISIONS	
West Of Paoia Reservoir			2-17-95	chg. total sht. number

PI STA=7+067.827
 $\Delta=12^{\circ}58'49''$ R
 $Ts=88.075$

CIRCULAR
 $\Delta=0^{\circ}48'18''$
 $T=2.810$
 $R=400.000$
 $L=5.620$

SPIRALS
 $\theta = 6^{\circ}05'16''$
 $L=85.000$
 $LT=56.700$
 $ST=42.484$

1
 U.S. Land (BLM)



Basis of Bearings: N.86°59'23"E. between the W. 1/4 corner of Sec. 12, a found GLO brass cap, and the E. 1/4 corner of Sec. 12, a found GLO brass cap, in T. 13 S., R. 90 W. 6th P.M.

PI STA=6+671.342
 $\Delta=26^{\circ}21'24''$ L
 $Ts=177.078$

CIRCULAR
 $\Delta=18^{\circ}31'17''$
 $T=95.385$
 $R=585.000$
 $L=189.106$

SPIRALS
 $\theta = 3^{\circ}55'04''$
 $L=80.000$
 $LT=53.346$
 $ST=39.994$



NOTE: All distances are in meters.

T. 13 S., R. 89 & 90 W., 6th P.M.

[illegible]

PI STA=7+597.768
Δs=23°05'07" R
Ts=266.005

CIRCULAR	SPIRALS
$\Delta=20^{\circ}39'27''$	$\theta=1^{\circ}12'50''$
$T=215.053$	$L=50.000$
$R=1180.000$	$LT=33.334$
$L=425.436$	$ST=25.000$

1
U.S. Land (BLM)

End R.O.W. Proj. STR(CX)0133(22) Unit 1, Sta 7+529.243
E 1/4 corner of Sec. 12 bears S0°12'15"E, 395.398

Basis of Bearings: N.86°59'23" E. between the W. 1/4 corner of Sec. 12,
a found GLO brass cap, and the E. 1/4 corner of Sec 12,
a found GLO brass cap, in T. 13 S., R. 90 W. 6th P.M.

PI STA=7+244.493
Δs=12°39'07" L
Ts=86.911

CIRCULAR	SPIRALS
$\Delta = 0^{\circ}28'35''$	$\theta = 6^{\circ}05'16''$
$T=1.663$	$L=85.000$
$R=400.000$	$LT=56.700$
$L=3.326$	$ST=42.484$

SHUTTINFO