





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: Johnston

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

Right of Way Plans				
Tabulation of Properties Sheet				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	11/01/2007	1 of 1	2	14

R.O.W. TABULATION OF PROPERTIES IN MONTROSE COUNTY

S.H. NO. 141

PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES					RECEPTION NUMBER	REMARKS
				AREA OF PARCEL	EXISTING ROW	NET AREA	REMAINDER			
							LEFT	RIGHT		
1	Umetco Minerals Corporation	2754 Compass Drive, Suite 280 Grand Junction, CO 81506	Uravan Millsite No. 93 M.S. 20830, Vixen Mining Dist. SE 1/4 Section 34, T. 48 N., R.17 W., N.M.P.M.	0.876	0.144	0.732	0.075	4.050	778741	Accommodate realignment of the roadway and clear title within the existing highway R.O.W.
1A	(same as above)	(same as above)	New River Bend Placer M.S. 5303, Chipeta Mining Dist. S 1/2 Section 34, T. 48 N., R.17 W., N.M.P.M.	1.267			±155		778741	Accommodate realignment of the roadway
TE1	(same as above)	(same as above)	New River Bend Placer M.S. 5303, Chipeta Mining Dist. S 1/2 Section 34, T. 48 N., R.17 W., N.M.P.M.	0.159						Required for construction of detour
TE1A	(same as above)	(same as above)	Uravan Millsite No. 93 M.S. 20830, Vixen Mining Dist. SE 1/4 Section 34, T. 48 N., R.17 W., N.M.P.M.	0.434						Required for construction of access
TE1B	(same as above)	(same as above)	New River Bend Placer M.S. 5303, Chipeta Mining Dist. SW 1/4 Section 34, T. 48 N., R.17 W., N.M.P.M.	0.282						Required for construction of detour
TE1C	(same as above)	(same as above)	New River Bend Placer M.S. 5303, Chipeta Mining Dist. SW 1/4 Section 34, T. 48 N., R.17 W., N.M.P.M.	0.641						Required for stock piling
TE1D	(same as above)	(same as above)	Various Mining Claims W 1/2 Sec. 34 & NE 1/4 Sec. 35, T. 48 N., R.17 W., N.M.P.M.	6.452						Required for construction of detour

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Sheet Revisions		
11/17/05	Revised Item 4 under General Notes	TCL
11/17/05	Revised Surveyors Certification	TCL

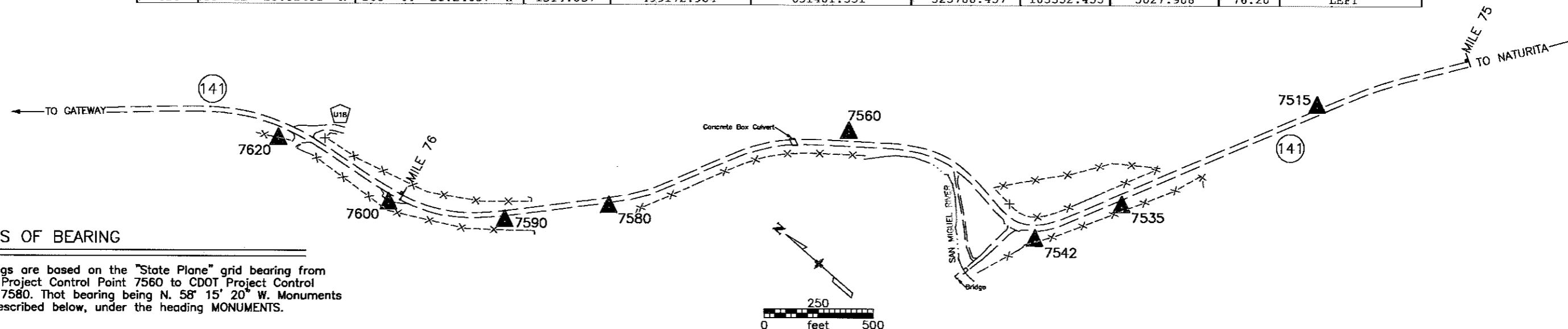
Sheet Revisions		
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Sheet Revisions		
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Right of Way Plans				
Project Control Diagram				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	11/17/05	1 of 3	3	14

# PROJECT CONTROL DIAGRAM

NAME	LATITUDE	LONGITUDE	ELLIPS. HT. (meters)	STATE PLANE COORDINATES (meters)		PROJECT COORDINATES (feet)			MILE POST	DIRECTION FROM CENTERLINE
				NORTHING	EASTING	NORTHING	EASTING	ELEVATION		
M 269	38° 12' 26.45311" N	108° 37' 07.99682" W	1655.210	480354.147	641295.214					
VIDAL	38° 20' 00.56849" N	109° 01' 14.31169" W	1749.930	495596.183	606658.771					
7515	38° 21' 52.14014" N	108° 43' 39.12289" W	1502.000	498108.828	632387.834	322296.247	106789.178	4988.360	75.15	RIGHT
7535	38° 21' 55.55222" N	108° 43' 50.98965" W	1509.237	498223.929	632103.563	322673.973	105856.292	5012.131	75.35	LEFT
7542	38° 21' 57.38690" N	108° 43' 58.80383" W	1505.634	498284.508	631988.720	322872.773	105479.417	5000.305	75.42	LEFT
7560	38° 22' 06.85971" N	108° 43' 58.58542" W	1510.058	498578.754	631931.342	323838.389	105291.121	5014.823	75.60	RIGHT
7580	38° 22' 12.50049" N	108° 44' 11.11619" W	1506.313	498763.109	631633.365	324443.381	104313.257	5002.536	75.80	LEFT
7590	38° 22' 15.51234" N	108° 44' 15.78753" W	1507.288	498859.849	631523.257	324760.851	103951.919	5005.722	75.90	LEFT
7600	38° 22' 19.90109" N	108° 44' 19.62557" W	1506.959	498998.319	631434.838	325215.265	103661.758	5004.633	76.00	LEFT
7620	38° 22' 25.52491" N	108° 44' 21.24637" W	1514.057	499172.984	631401.531	325788.457	103552.455	5027.908	76.20	LEFT



## BASIS OF BEARING

Bearings are based on the "State Plane" grid bearing from CDOT Project Control Point 7560 to CDOT Project Control Point 7580. That bearing being N. 58° 15' 20" W. Monuments are described below, under the heading MONUMENTS.

## COORDINATE INFORMATION

Geodetic coordinates (NAD 83 - 1992) were derived from GPS observations tied to "B Order" HARN stations VIDAL and M 269. 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 400,000 to the northings and 600,000 to the eastings, then multiply by the combined scale factor of 0.9997445692.

## VERTICAL CONTROL

Vertical control was established by differential leveling from V 142 RESET, a National Geodetic Survey Third Order benchmark. The published NAVD 88 orthometric height of V 142 RESET is 1533.01m.

## MONUMENTS

All project control monuments are standard CDOT 3 1/4" aluminum caps on 3/4" aluminum finned rods. VIDAL is a standard National Geodetic Survey Horizontal Control Disk set into a sandstone outcrop. M 269 is a standard U.S. Coast & Geodetic Survey Bench Mark Disk set into a sandstone outcrop. V 142 RESET is a standard U.S. Coast & Geodetic Survey Bench Mark Disk set into a sandstone boulder.

## GENERAL NOTES

- This Project Control Diagram is for the use of the Colorado Department of Transportation. The survey is not a complete boundary survey.
- No guarantee as to the accuracy of the information contained on the plot is either stated or implied unless this copy bears on original signature and stamp of the professional surveyor named hereon.
- 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.
- 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 meets or exceeds C.D.O.T. "A" order precision.

## SURVEYORS CERTIFICATION

I, TODD C. JOHNSTON, A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT BASED UPON MY KNOWLEDGE, INFORMATION AND BELIEF, THE CONTROL SURVEY AND CONTROL MONUMENTATION WERE DONE UNDER MY SUPERVISION AND CHECKING IN ACCORDANCE WITH APPLICABLE STANDARDS OF PRACTICE DEFINED BY COLORADO DEPARTMENT OF TRANSPORTATION PUBLICATIONS. THIS STATEMENT IS NOT A GUARANTY OR WARRANTY, EITHER EXPRESSED OR IMPLIED.

TODD C. JOHNSTON

P.L.S. NO. 37932

PLUMB CERTIFICATION: DEPOSITED THIS DAY OF THE COUNTY LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE RECEPTION NUMBER  
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datestamp



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Sheet Revisions		
11/17/05	Revised Item 1 & 2 under General Notes	TCL
11/17/05	Moved General Notes to Sheet 3B	TCL
11/17/05	Revised Surveyors Certification	TCL

Sheet Revisions		
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Sheet Revisions		
mm/yy	XXXXX	XXX

Right of Way Plans				
Land Survey Control Diagram				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	05/26/06	2 of 3	3A	14

# LAND SURVEY CONTROL DIAGRAM

T. 48 N., R. 17 W. of the N.M.P.M.

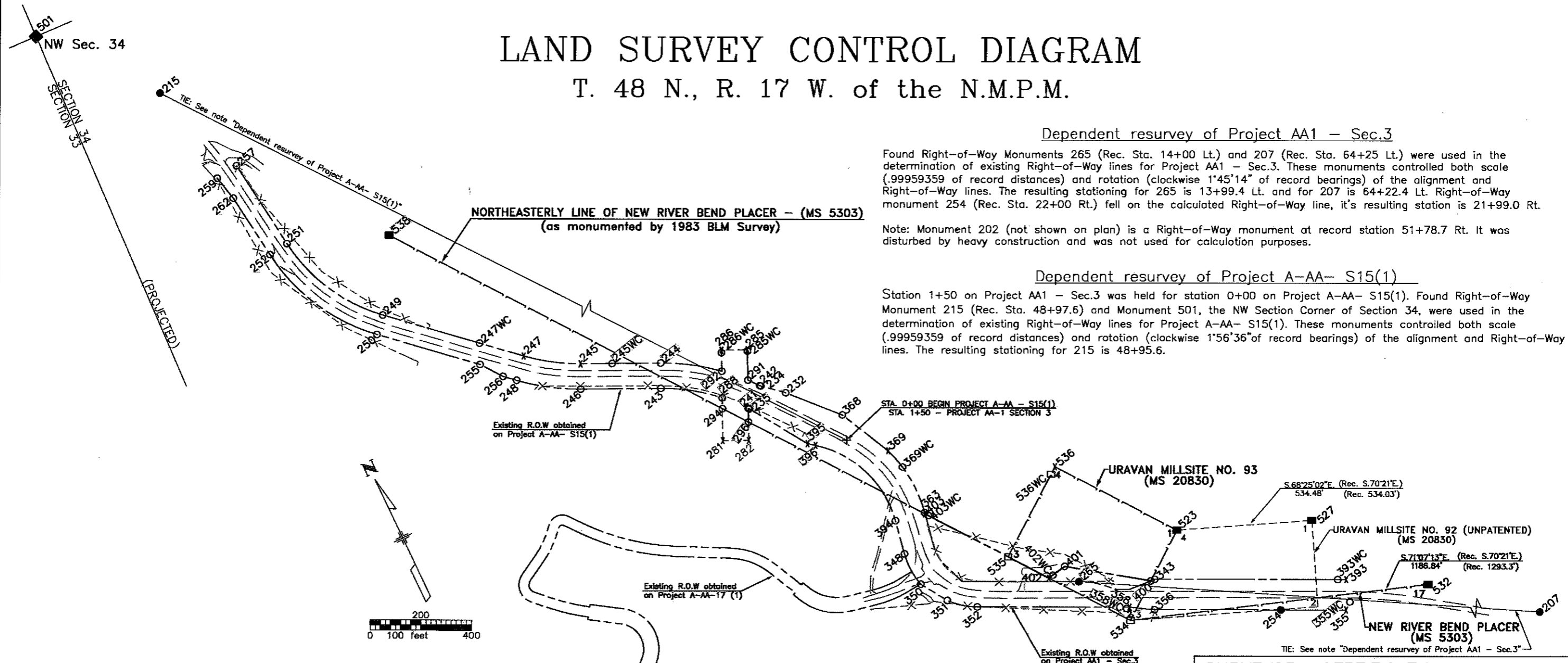
### Dependent resurvey of Project AA1 - Sec.3

Found Right-of-Way Monuments 265 (Rec. Sta. 14+00 Lt.) and 207 (Rec. Sta. 64+25 Lt.) were used in the determination of existing Right-of-Way lines for Project AA1 - Sec.3. These monuments controlled both scale (.99959359 of record distances) and rotation (clockwise 1°45'14" of record bearings) of the alignment and Right-of-Way lines. The resulting stationing for 265 is 13+99.4 Lt. and for 207 is 64+22.4 Lt. Right-of-Way monument 254 (Rec. Sta. 22+00 Rt.) fell on the calculated Right-of-Way line, it's resulting station is 21+99.0 Rt.

Note: Monument 202 (not shown on plan) is a Right-of-Way monument at record station 51+78.7 Rt. It was disturbed by heavy construction and was not used for calculation purposes.

### Dependent resurvey of Project A-AA- S15(1)

Station 1+50 on Project AA1 - Sec.3 was held for station 0+00 on Project A-AA- S15(1). Found Right-of-Way Monument 215 (Rec. Sta. 48+97.6) and Monument 501, the NW Section Corner of Section 34, were used in the determination of existing Right-of-Way lines for Project A-AA- S15(1). These monuments controlled both scale (.99959359 of record distances) and rotation (clockwise 1°56'36" of record bearings) of the alignment and Right-of-Way lines. The resulting stationing for 215 is 48+95.6.



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 SURVEYS AT PAGE \_\_\_\_\_  
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### Legend

- = Found Boundary Evidence
- = Set Colorado Department of Transportation Right of Way Monument 3 1/4" Aluminum Cop, stamped P.L.S. NO. 37932
- χ = Monument not set
- ◆ = Found Aliquot Corner Monument
- = Set Mining Claim Monument 3 1/4" Aluminum Cop, stamped P.L.S. NO. 37932
- = Found Mining Claim Monument

### BASIS OF BEARING

Bearings are based on data provided on the Project Control Diagram (see Sheet 3). The "State Plane" grid bearing from CDOT Control Point 7560 to CDOT Control Point 7580 is N. 58° 15' 20" W. Both monuments are standard CDOT 3-1/4" aluminum caps on 3/4" finned rod.

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.

### SURVEYORS CERTIFICATION

I, TODD C. JOHNSTON, A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT BASED UPON MY KNOWLEDGE, INFORMATION AND BELIEF, THE RESEARCH, CALCULATIONS, EVALUATION OF THE SURVEY EVIDENCE, ALIQUOT/MINING CORNER TIES, AND PROPERTY CORNER TIES WERE PERFORMED AND THIS LAND SURVEY CONTROL DIAGRAM WAS PREPARED UNDER MY RESPONSIBLE CHARGE IN ACCORDANCE WITH APPLICABLE STANDARDS OF PRACTICE DEFINED BY COLORADO DEPARTMENT OF TRANSPORTATION PUBLICATIONS. THIS STATEMENT IS NOT A GUARANTY OR WARRANTY, EITHER EXPRESSED OR IMPLIED.

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Sheet Revisions		
mm/yy	XXXXX	XXX

Sheet Revisions		
mm/yy	XXXXX	XXX

Sheet Revisions		
mm/yy	XXXXX	XXX

Right of Way Plans				
TABULATION OF BOUNDARY EVIDENCE & GENERAL NOTES				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	05/26/06	3 of 3	3B	14

## TABULATION OF BOUNDARY EVIDENCE & GENERAL NOTES

### FOUND BOUNDARY EVIDENCE (CONTROLLING MONUMENTS)

Point	Northing	Easting	Description
202	320864.640	109242.040	CDOH R.O.W. Marker - 3" Brass Cap in concrete base - disturbed by heavy equipment
207	320248.006	110330.858	CDOH R.O.W. Marker - 3" Brass Cap in concrete base
215	327358.982	102510.212	CDOH R.O.W. Marker - 3" Brass Cap in concrete base
254	322263.902	106644.437	CDOH R.O.W. Marker - 3" Brass Cap in concrete base
265	322711.352	105972.661	CDOH R.O.W. Marker - 3" Brass Cap in concrete base
501	326435.788	103191.919	Standard BLM brass cap stamped "S28/S27/S33/S34 T48N R17W 1951 1983"
523	322725.768	106410.057	Brass cap on 2" pipe in concrete stamped "1-93/4-92 20830"
527	322529.161	106907.067	Brass cap on 2" pipe in concrete stamped "1-92 20830"
532	322101.372	107213.310	Standard BLM brass cap stamped "NRBP 17 MS5303/NFP 7 MS5303 1997"
538	325123.015	104112.024	Standard BLM aluminum cap stamped "NRB PL MS 5303/TR 39 AP3 1983"

### GENERAL NOTES

1. This Land Survey Control Diagram and survey is for the use of the Colorado Department of Transportation. The survey is not a complete boundary survey of all adjoining owners.
2. This Land Survey Control Diagram does not represent a title search. Title commitments were provided by Meridian Land Title.
3. 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.

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**COLORADO DEPARTMENT OF TRANSPORTATION**



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Sheet Revisions			Sheet Revisions			Sheet Revisions		
mm/yy	Description	TCJ	mm/yy	Description	TCJ	mm/yy	Description	TCJ
11/17/05	Moved Found Boundary Evidence to Sheet 3B	TCJ						
11/17/05	Inserted Surveyors Certifications	TCJ						

Right of Way Plans				
Monumentation Sheet				
Project Number:		STA 141A-029		
Project Location:		Uravan Curve		
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	05/26/06	1 of 1	4	14

**SURVEYORS CERTIFICATION**

I, TODD C. JOHNSTON, A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF COLORADO, DO HEREBY STATE TO THE COLORADO DEPARTMENT OF TRANSPORTATION THAT BASED UPON MY KNOWLEDGE, INFORMATION AND BELIEF, THE RESEARCH, CALCULATIONS AND EVALUATION OF THE SURVEY EVIDENCE WERE PERFORMED AND THIS RIGHT-OF-WAY PLAN WAS PREPARED UNDER MY RESPONSIBLE CHARGE IN ACCORDANCE WITH APPLICABLE STANDARDS OF PRACTICE DEFINED BY COLORADO DEPARTMENT OF TRANSPORTATION PUBLICATIONS. THIS STATEMENT IS NOT A GUARANTY OR WARRANTY, EITHER EXPRESSED OR IMPLIED.

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TODD C. JOHNSTON P.L.S. NO. 37932

**MONUMENTATION SHEET**

**TABULATION OF R. O. W. MONUMENTS TO BE SET**

Point	Northing	Easting	Monument Type	Description
232	323885.144	105252.287	1	
234	323951.612	105175.011	1	
235	323890.090	105096.238	1	
241	323893.812	105093.332	1	
242	323955.239	105172.178	1	
243	324113.313	104818.177	1	
244	324203.780	104860.670	1	
245wc	324285.559	104686.568	1	125.00' Witness Corner
246	324248.235	104530.933	1	
247wc	324584.162	104250.353	5	180.50' Witness Corner
248	324389.251	104318.030	1	
249	324850.327	103953.465	1	
250	324790.790	103900.089	1	
251	325267.999	103734.199	1	
252	325257.876	103654.882	1	
255	324507.890	104215.644	1	
256	324426.279	104276.728	5	
257	325630.787	103687.897	1	
259	325619.398	103598.661	1	
262	325521.022	103621.298	1	
285wc	324099.404	105187.573	1	5.00' Witness Corner
286wc	324136.508	105094.629	1	10.00' Witness Corner
288	323974.519	105020.375	1	
291	323994.578	105139.522	1	
292	324070.033	105064.157	1	
294	323935.678	105002.571	1	
296	323844.621	105070.784	1	
343	322589.664	106246.902	5	
348	323108.462	105401.447	1	
350	322972.509	105408.382	1	
351	322869.356	105474.542	1	
352	322795.506	105569.522	1	
355wc	322173.172	106905.224	1	35.33' Offline Witness Corner
356	322481.709	106194.628	1	
358wc	322534.203	106096.711	1	12.31' Offline Witness Corner
363	323220.580	105543.620	1	
368	323708.773	105417.440	1	
369wc	323420.744	105541.933	1	85.00' Witness Corner
393wc	322274.111	106898.570	5	35.00' Witness Corner
394	323241.932	105425.592	1	
400	322590.814	106230.532	5	
401	322790.113	105948.592	1	
402wc	322173.172	105892.072	1	20.00' Witness Corner
403wc	323203.529	105551.704	1	15.00' Witness Corner

**TABULATION OF TEMPORARY EASEMENT CORNERS**

Point	Northing	Easting
600	322716.052	106053.364
601	322832.463	105969.826
602	322934.806	105817.208
603	322948.629	105800.358
604	322512.231	106125.997
605	322536.047	106056.785
606	322790.717	105579.412
607	322830.442	105514.331
608	322888.455	105426.696
609	322886.986	105410.246
610	322968.871	105188.801
611	322980.224	105191.136
612	322974.783	105217.591
613	322967.690	105346.996
614	322973.410	105408.124
618	323393.643	104843.240
619	323449.632	104793.265
620	323592.917	104505.533
621	323426.074	104793.733
622	323524.957	104605.290
623	323761.560	104315.487
624	323768.314	104341.791
625	323817.537	104269.786
626	323818.812	104186.722
627	323807.008	104176.465
628	323788.524	104159.148
629	323892.185	104193.808
630	323932.744	104186.766
631	324251.897	103622.988
632	324104.150	103919.158
633	324313.588	103673.939
634	324530.846	103401.851
635	324816.515	102931.788
636	324908.189	103057.466
637	325034.816	102793.710
638	325086.889	102854.705
639	325379.359	102638.777
640	325337.674	102570.111
641	325642.174	102421.048
642	325574.618	102594.714
643	325685.605	102488.859
644	325863.597	102343.721
645	325813.041	102281.720
646	323036.201	105216.800
647	323087.306	105245.186
648	323316.966	105432.256
649	323032.681	105397.535
650	323027.429	105341.406
651	323033.553	105229.677

**PARCEL CORNERS (NOT SET)**

Point	Northing	Easting
715	322911.413	105559.503
716	323005.775	105523.621
717	323087.109	105519.475
740	322750.806	105891.181
757	322576.371	106022.072
759	322518.624	106134.502

**R.O.W. CORNERS (NOT SET)**

Point	Northing	Easting
245	324338.702	104573.427
247	324463.672	104384.750
285	324103.949	105189.656
286	324145.598	105098.796
355	322150.903	106877.798
358	322534.267	106109.023
369	323502.466	105518.880
393	322258.857	106930.071
395	323666.607	105243.913
396	323646.647	105269.796
402	322775.816	105872.415
403	323215.532	105542.707

**QUANTITY OF MONUMENTS TO BE SET**

CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	4A	5	6
REFERENCE										
RIGHT OF WAY	39								5	
CONTROL										
MINING CLAIM	2								1	
PERMANENT EASEMENT										
REFERENCE										
WITNESS POST										

NOTE: Type 1 Monuments are 3-1/4" aluminum caps with magnet set on 3/4" X 36" aluminum finned rods

Type 5 Monuments are 3-1/4" aluminum caps grouted in rock or concrete.

**TABULATION OF MINING CLAIM MONUMENTS TO BE SET**

Point	Northing	Easting	Monument Type	Description
534	322485.414	106090.323	1	Corner No. 2 Uravan No. 93 Millsite
535	322920.937	105763.521	1	Corner No. 3 Uravan No. 93 Millsite
536wc	323141.462	106056.877	5	33.00' Witness Corner to Corner No. 4 Uravan No. 93 Millsite

**MINING CLAIM CORNER (NOT SET)**

Point	Northing	Easting	Description
536	323161.291	106083.255	Corner No. 4 Uravan No. 93 Millsite

**PERMANENT EASEMENT CORNERS (NOT SET)**

Point	Northing	Easting
281	323820.631	104949.835
282	323778.981	105040.695

FILING CERTIFICATION: DEPOSITED THIS DAY OF AT FOR INFORMATION ONLY IN BOOK OF THE COUNTY LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE RECEPTION NUMBER SIGNED DEPT.



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**Right of Way Plans Unit: Johnston**

Sheet Revisions	
mm/yy	XXX

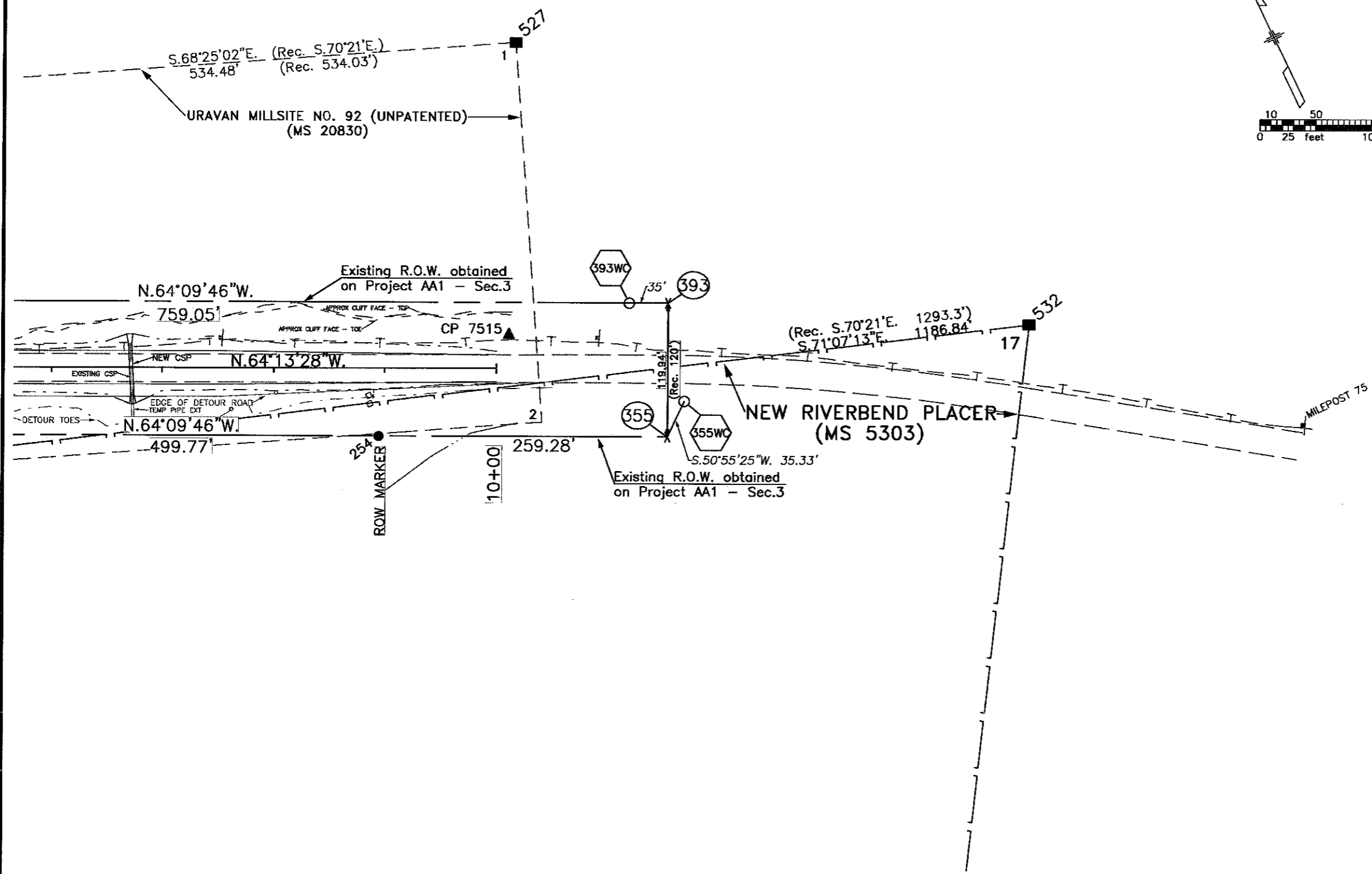
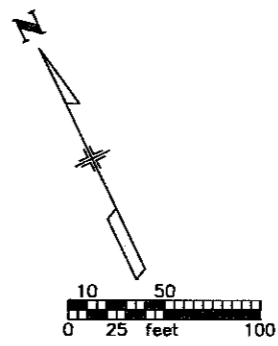
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Sheet Revisions	
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Right of Way Plans				
Plan Sheet				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	05/28/06	1 of 7	5	14

T. 48 N., R. 17 W., N.M.P.M.

SE 1/4 SECTION 34



FILING CERTIFICATION: \_\_\_\_\_ DAY OF \_\_\_\_\_ AT \_\_\_\_\_, FOR INFORMATION  
 DEPOSITED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY  
 SURVEYS AT PAGE \_\_\_\_\_ RECEPTION NUMBER \_\_\_\_\_  
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Region 5  
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Durango, CO 81301  
Phone: (970) 385-1400 FAX: (970) 385-1410

Right of Way Plans Unit: Johnston

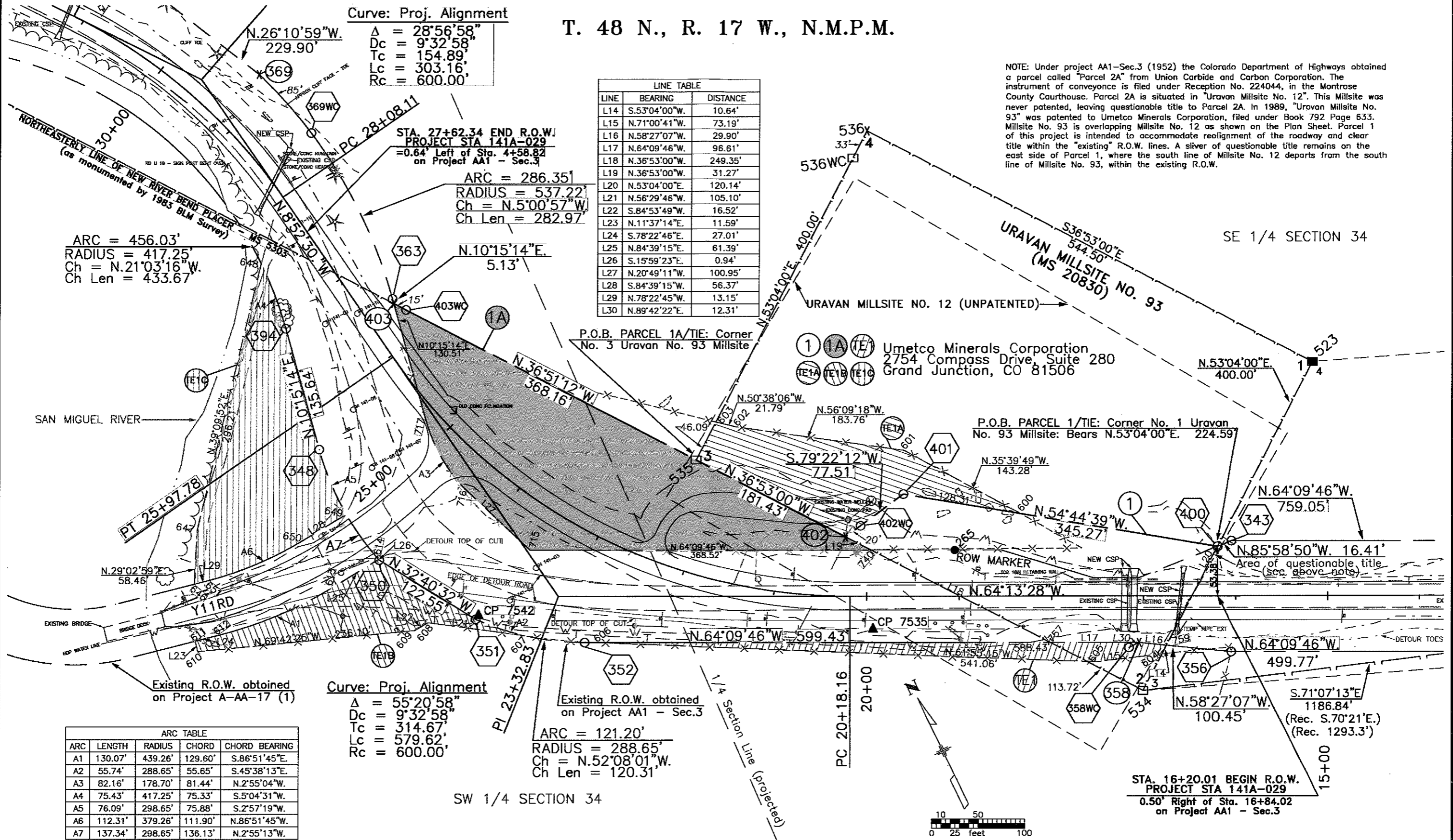
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Sheet Revisions	
mm/yy	XXXXX

Sheet Revisions	
mm/yy	XXXXX

Right of Way Plans				
Plan Sheet				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	05/26/06	2 of 7	6	14

T. 48 N., R. 17 W., N.M.P.M.



NOTE: Under project AA1-Sec.3 (1952) the Colorado Department of Highways obtained a parcel called "Parcel 2A" from Union Carbide and Carbon Corporation. The instrument of conveyance is filed under Reception No. 224044, in the Montrose County Courthouse. Parcel 2A is situated in "Uravan Millsite No. 12". This Millsite was never patented, leaving questionable title to Parcel 2A. In 1989, "Uravan Millsite No. 93" was patented to Umetco Minerals Corporation, filed under Book 792 Page 633. Millsite No. 93 is overlapping Millsite No. 12 as shown on the Plan Sheet. Parcel 1 of this project is intended to accommodate realignment of the roadway and clear title within the "existing" R.O.W. lines. A sliver of questionable title remains on the east side of Parcel 1, where the south line of Millsite No. 12 departs from the south line of Millsite No. 93, within the existing R.O.W.

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Sheet Revisions	
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Sheet Revisions	
mm/yy	XXXX

Sheet Revisions	
mm/yy	XXXX

Right of Way Plans				
Plan Sheet				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	05/26/06	3 of 7	7	14

T. 48 N., R. 17 W., N.M.P.M.

Curve: Proj. Alignment

$\Delta = 16^{\circ}36'37''$   
 $Dc = 5^{\circ}47'15''$   
 $Tc = 144.52'$   
 $Lc = 287.01'$   
 $Rc = 990.00'$

NW 1/4 SECTION 34

Curve: Proj. Alignment

$\Delta = 26^{\circ}51'12''$   
 $Dc = 6^{\circ}32'53''$   
 $Tc = 208.88'$   
 $Lc = 410.09'$   
 $Rc = 875.00'$

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N.52°21'46"W.	32.69'
L2	N.37°59'24"W.	4.72'
L3	S.24°37'34"W.	54.11'
L4	N.36°50'16"W.	113.74'
L5	N.24°37'34"E.	42.73'
L6	S.24°37'34"W.	72.28'
L7	N.65°22'26"W.	99.95'
L8	N.24°37'34"E.	126.56'
L9	N.49°17'59"W.	101.93'
L10	N.37°59'24"W.	4.60'
L11	N.24°37'34"E.	120.31'
L12	N.65°22'26"W.	99.95'
L13	S.24°37'34"W.	83.13'

ARC = 227.12'  
 RADIUS = 778.43'  
 Ch = N.56°28'54"W.  
 Ch Len = 226.31'

ARC = 244.33'  
 RADIUS = 858.22'  
 Ch = N.56°41'02"W.  
 Ch Len = 243.51'

ARC = 51.14'  
 RADIUS = 858.22'  
 Ch = N.39°41'48"W.  
 Ch Len = 51.13'

ARC = 256.28'  
 RADIUS = 878.38'  
 Ch = N.56°28'54"W.  
 Ch Len = 255.37'

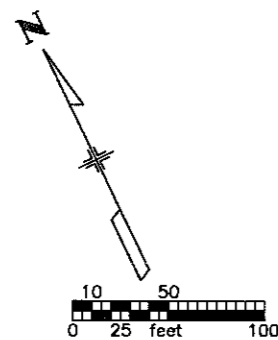
ARC = 246.33'  
 RADIUS = 758.22'  
 Ch = N.55°32'00"W.  
 Ch Len = 245.25'

Curve: Proj. Alignment

$\Delta = 28^{\circ}56'58''$   
 $Dc = 09^{\circ}32'58''$   
 $Tc = 154.89'$   
 $Lc = 303.16'$   
 $Rc = 600.00'$

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Colorado Department of Highways  
 Permanent Easement for Right of  
 Way, filed on July 20, 1955, under  
 Book 414 Page 336, at the Montrose  
 County Courthouse.

ARC = 456.03'  
 RADIUS = 417.25'  
 Ch = N.21°03'16"W.  
 Ch Len = 433.67'

datestamp





Region 5  
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Right of Way Plans Unit: Johnston

Sheet Revisions		Sheet Revisions		Sheet Revisions	
mm/yy	xxxx	mm/yy	xxxx	mm/yy	xxxx

Right of Way Plans				
Plan Sheet				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Code: 15150				
Last Mod. Date	11/17/05	Subset Sheets	5 of 7	Total No. of Sheets

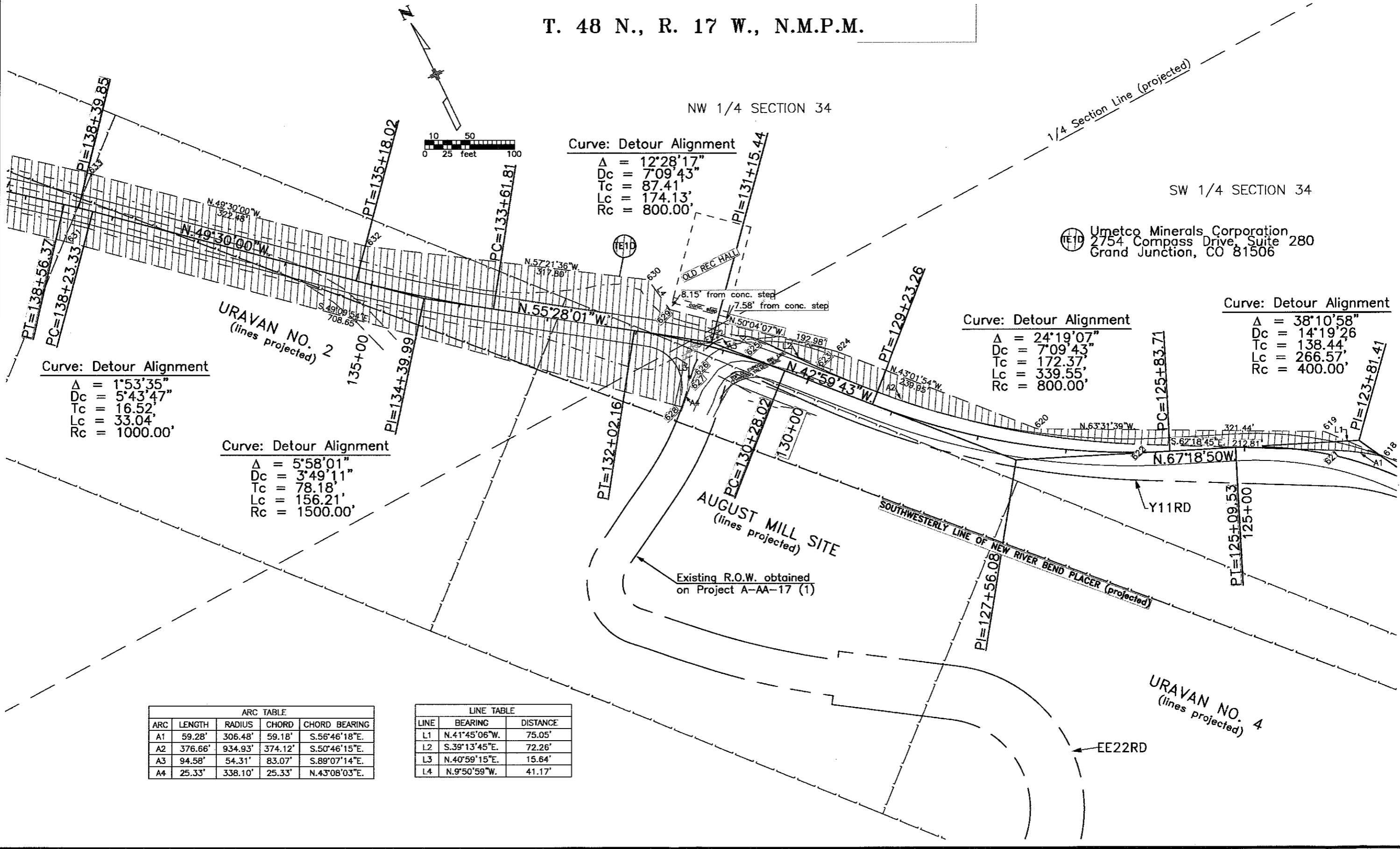
T. 48 N., R. 17 W., N.M.P.M.

NW 1/4 SECTION 34

SW 1/4 SECTION 34

Umetco Minerals Corporation  
2754 Compass Drive, Suite 280  
Grand Junction, CO 81506

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Curve: Detour Alignment

Δ	=	1°53'35"
Dc	=	5'43'47"
Tc	=	16.52'
Lc	=	33.04'
Rc	=	1000.00'

Curve: Detour Alignment

Δ	=	5°58'01"
Dc	=	3'49'11"
Tc	=	78.18'
Lc	=	156.21'
Rc	=	1500.00'

Curve: Detour Alignment

Δ	=	12°28'17"
Dc	=	7°09'43"
Tc	=	87.41'
Lc	=	174.13'
Rc	=	800.00'

Curve: Detour Alignment

Δ	=	24°19'07"
Dc	=	7°09'43"
Tc	=	172.37'
Lc	=	339.55'
Rc	=	800.00'

Curve: Detour Alignment

Δ	=	38°10'58"
Dc	=	14°19'26"
Tc	=	138.44'
Lc	=	266.57'
Rc	=	400.00'

ARC TABLE

ARC	LENGTH	RADIUS	CHORD	CHORD BEARING
A1	59.28'	306.48'	59.18'	S.56°46'18"E.
A2	376.66'	934.93'	374.12'	S.50°46'15"E.
A3	94.58'	54.31'	83.07'	S.89°07'14"E.
A4	25.33'	338.10'	25.33'	N.43°08'03"E.

LINE TABLE

LINE	BEARING	DISTANCE
L1	N.41°45'06"W.	75.05'
L2	S.39°13'45"E.	72.26'
L3	N.40°59'15"E.	15.64'
L4	N.9°50'59"W.	41.17'



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Right of Way Plans Unit: Johnston

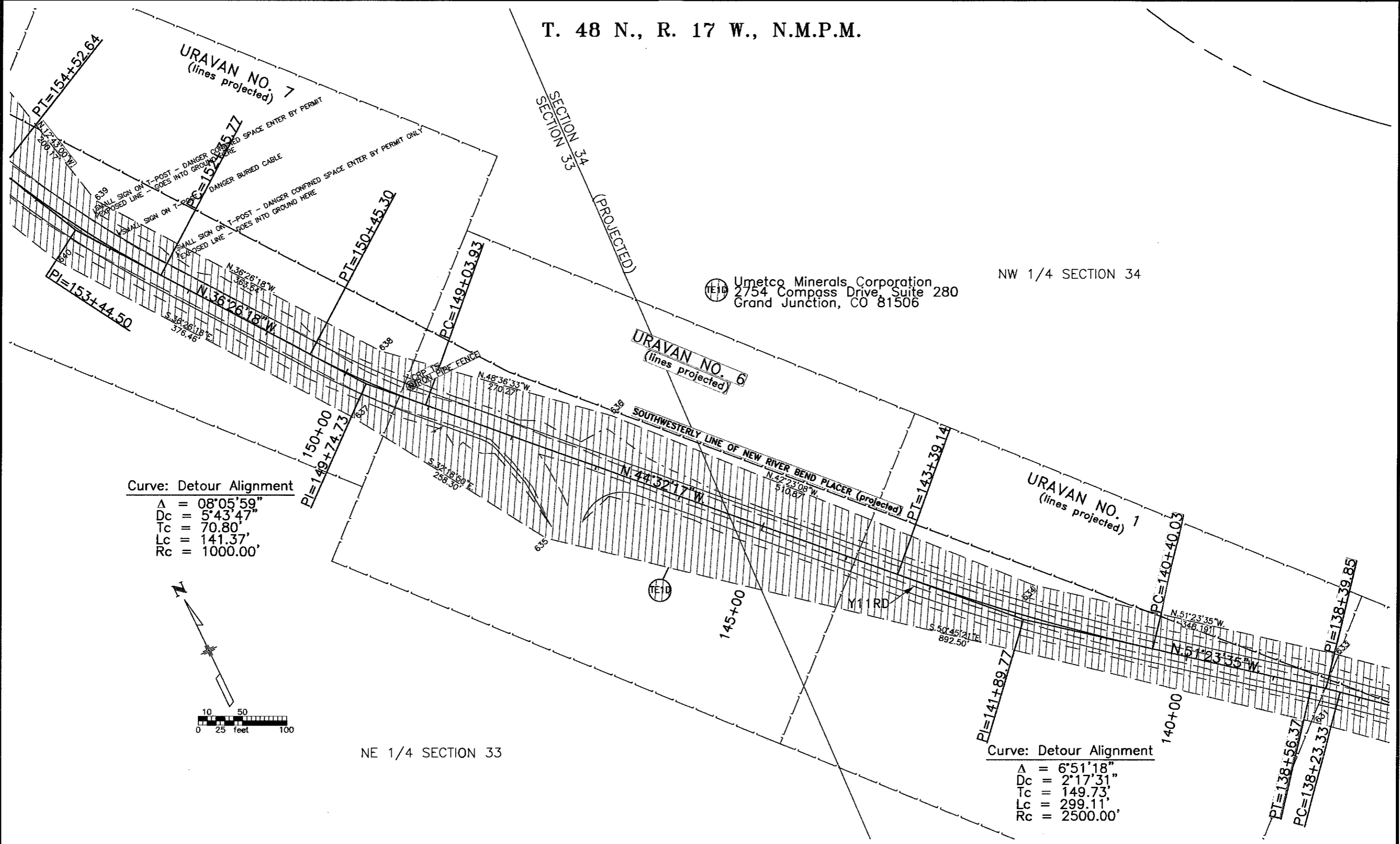
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Sheet Revisions	
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Sheet Revisions	
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Right of Way Plans				
Plan Sheet				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	05/26/06	6 of 7	10	14

T. 48 N., R. 17 W., N.M.P.M.

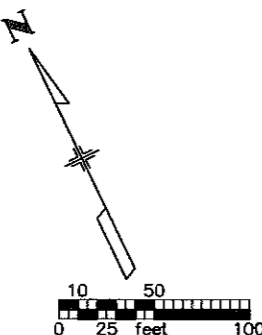


Umetco Minerals Corporation  
 2754 Compass Drive, Suite 280  
 Grand Junction, CO 81506

NW 1/4 SECTION 34

Curve: Detour Alignment  
 $\Delta = 08^{\circ}05'59''$   
 $Dc = 5^{\circ}43'47''$   
 $Tc = 70.80'$   
 $Lc = 141.37'$   
 $Rc = 1000.00'$

Curve: Detour Alignment  
 $\Delta = 6^{\circ}51'18''$   
 $Dc = 2^{\circ}17'31''$   
 $Tc = 149.73'$   
 $Lc = 299.11'$   
 $Rc = 2500.00'$



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Right of Way Plans Unit: Johnston

Sheet Revisions	
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Sheet Revisions	
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Sheet Revisions	
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Right of Way Plans				
Plan Sheet				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code:	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	05/26/06	7 of 7	11	14

T. 48 N., R. 17 W., N.M.P.M.

NE 1/4 SECTION 33

SECTION 34  
 SECTION 33 (PROJECTED)

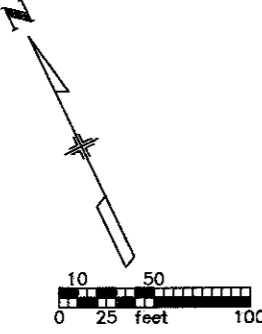
SOUTHWESTERLY LINE OF NEW RIVER REND PLACER (projected)

Curve: Detour Alignment  
 $\Delta = 58^{\circ}01'40''$   
 $D_c = 38'11'50''$   
 $T_c = 83.19'$   
 $L_c = 151.92'$   
 $R_c = 150.00'$

Curve: Detour Alignment  
 $\Delta = 13^{\circ}06'40''$   
 $D_c = 9'32'58''$   
 $T_c = 68.95'$   
 $L_c = 137.30'$   
 $R_c = 600.00'$

Curve: Detour Alignment  
 $\Delta = 10^{\circ}21'18''$   
 $D_c = 4'46'29''$   
 $T_c = 108.73'$   
 $L_c = 216.87'$   
 $R_c = 1200.00'$

Umetco Minerals Corporation  
 2754 Compass Drive, Suite 280  
 Grand Junction, CO 81506



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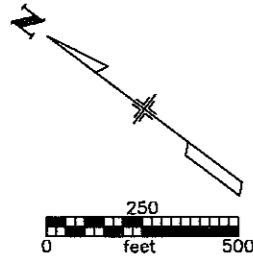
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Sheet Revisions	
mm/yy	xxxx

Sheet Revisions	
mm/yy	xxxx

Right of Way Plans				
Ownership Map				
Project Number: STA 141A-029				
Project Location: Uravan Curve				
Project Location:				
Project Code	Last Mod. Date	Subset Sheets	Sheet No.	Total No. of Sheets
15150	11/17/05	1 of 1	12	14

T. 48 N., R. 17 W., N.M.P.M.



NE 1/4 SECTION 34

SE 1/4 SECTION 34

NW 1/4 SECTION 34

URAVAN MILLSITE NO. 93

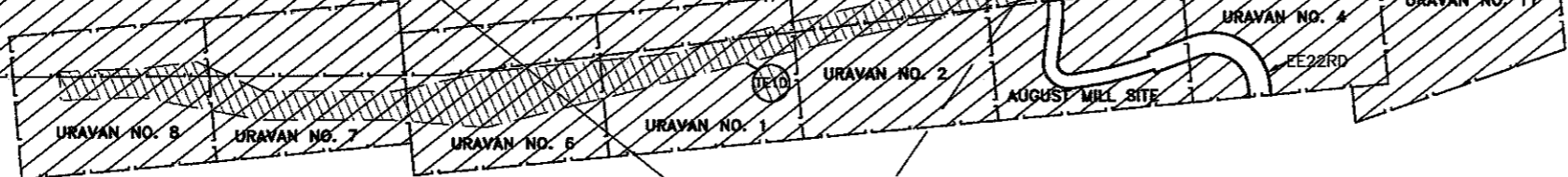
Federal Lands  
Bureau of Land Management

NEW RIVER BEND PLACER

State Highway 141

Umetco Minerals Corporation  
2754 Compass Drive, Suite 280  
Grand Junction, CO 81506

NEW RIVER BEND PLACER



SW 1/4 SECTION 34

NE 1/4 SECTION 33

SE 1/4 SECTION 33

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