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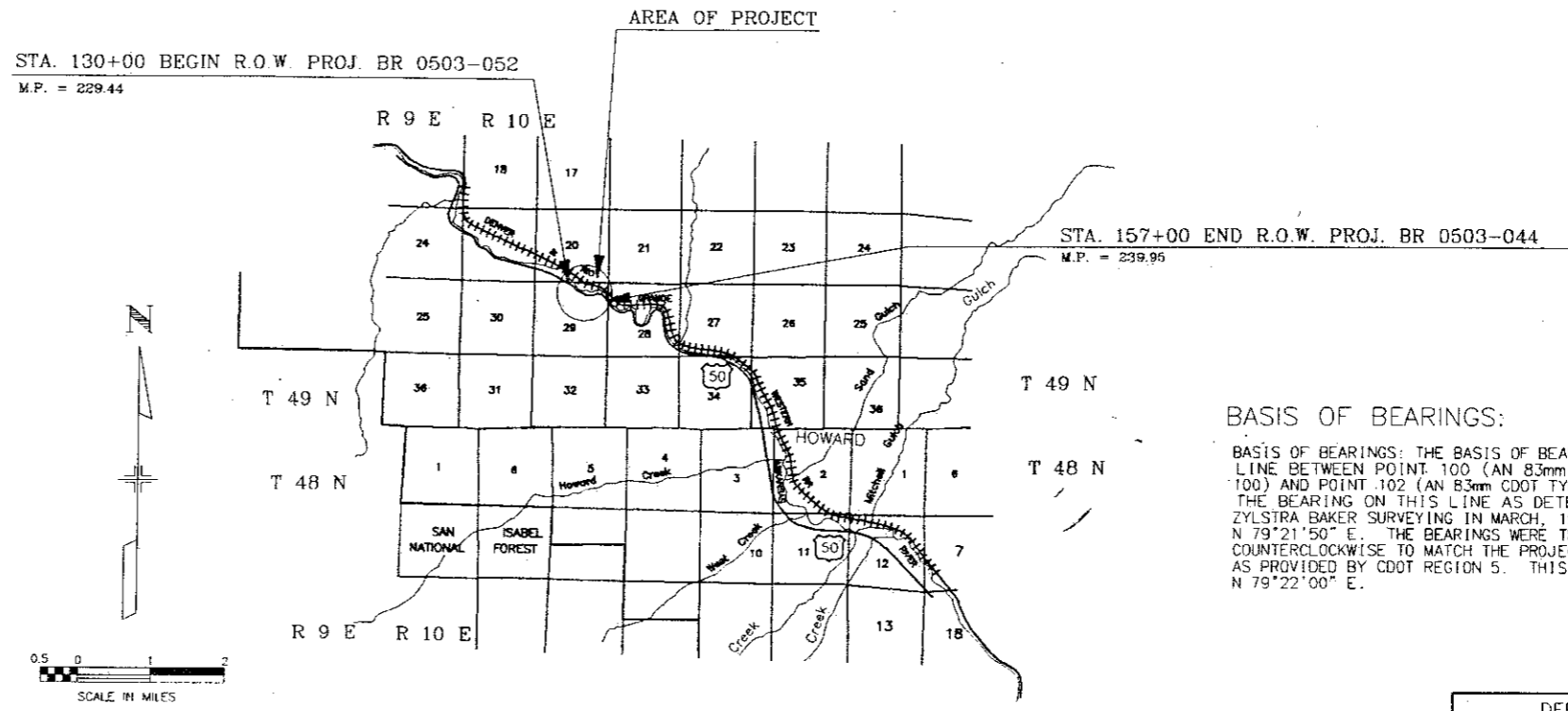
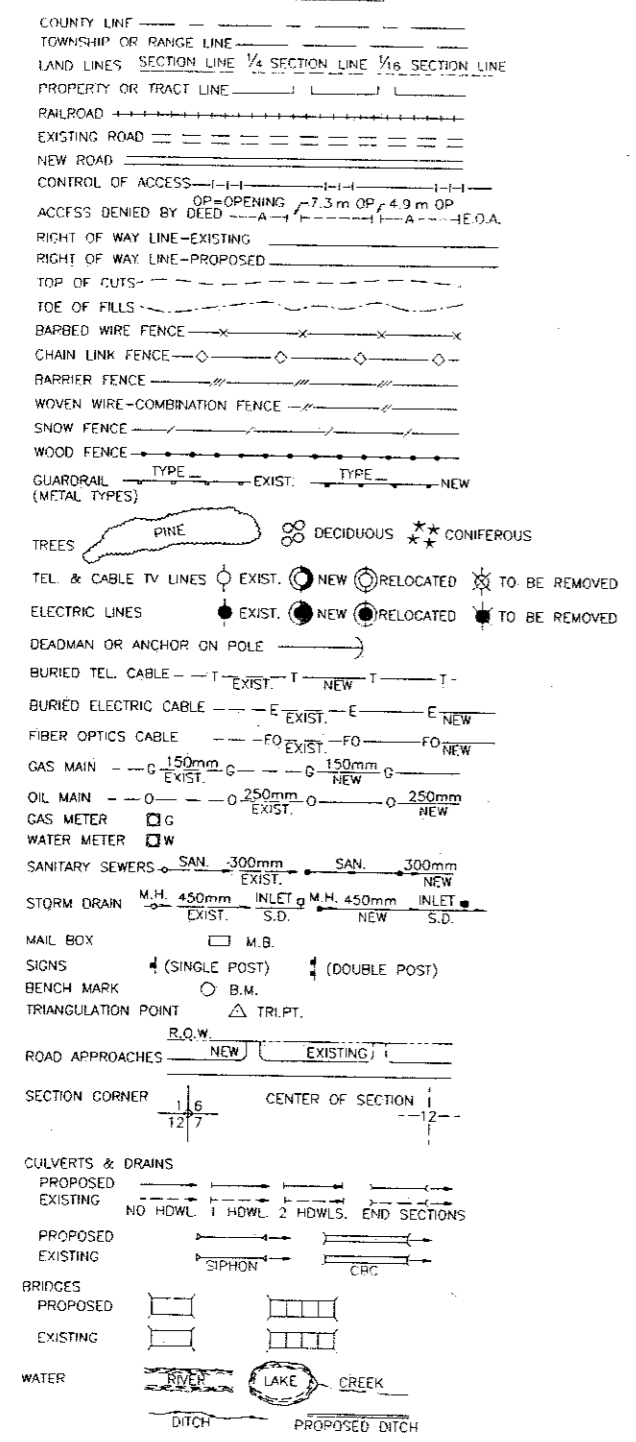
DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

FINAL RIGHT OF WAY PLAN
FEDERAL AID PROJECT NO. BR 0503-052
STATE HIGHWAY NO. 50
FREMONT COUNTY
CONSTRUCTION PROJECT CODE NO. 11971

SECTION 29, TOWNSHIP 49 NORTH,
RANGE 10 EAST, NEW MEXICO PRINCIPAL MERIDIAN

SHEET NO.	INDEX OF SHEETS
1	TITLE SHEET
2	PROPERTY OWNERSHIP TABULATION
3-3A	SURVEY CONTROL AND MONUMENTATION
4	ROW MONUMENTS AND CONTROL POINTS
5-7	PLAN SHEETS
8	OWNERSHIP MAP

CONVENTIONAL SIGNS



BASIS OF BEARINGS:
BASIS OF BEARINGS: THE BASIS OF BEARINGS FOR THIS PROJECT IS THE LINE BETWEEN POINT 100 (AN 83mm CDOT TYPE 2 ALUMINUM CAP MARKED 100) AND POINT 102 (AN 83mm CDOT TYPE 2 ALUMINUM CAP MARKED 102). THE BEARING ON THIS LINE AS DETERMINED BY GPS SURVEY PERFORMED BY ZYLSTRA BAKER SURVEYING IN MARCH, 1998, WAS DETERMINED TO BE N 79°21'50" E. THE BEARINGS WERE THEN ROTATED BY 0°00'10" COUNTERCLOCKWISE TO MATCH THE PROJECT SPECIFIC COORDINATE SYSTEM AS PROVIDED BY CDOT REGION 5. THIS PROJECT SPECIFIC BEARING IS N 79°22'00" E.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED _____

DATE _____

DIVISION ADMINISTRATOR _____

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Index of Revisions	
3/18/99	NEW TOES, CULVERT
7/5/00	REVISE R.O.W.
9/1/00	REVISE PARCEL NO.

Colorado Department of Transportation


3803 N. Main Street, Suite 300
Durango, CO 81301
Phone: (970) 385-1400
FAX: (970) 385-1410
Region 5

As Constructed	Contract Information	Project No./Code
No Revisions:	Contractor	BR 0503-052
Revised:	Resident Engineer	
Void:	Project Engineer	11971
	PROJECT STARTED ACCEPTED	Sheet Number 1 of 9

PROJECT CONTROL TABULATION

TABULATION OF GPS PROJECT CONTROL POINTS

STATE PLANE COORDINATES BASED UPON GPS SURVEY										PROJECT SPECIFIC COORDINATES					
POINT	NAD 83/92 GEODETIC COORDINATES		COLORADO CENTRAL STATE PLANE		CONVERGENCE	SCALE	ELLIPSOID ELEV (m)	POINT	MODIFIED STATE PLANE COORDINATES			PROJECT SPECIFIC COORDINATES		MONUMENT DESCRIPTION	
	LATITUDE	LONGITUDE	NORTHING (m)	EASTING (m)					NORTHING (m)	EASTING (m)	ELEV (m)	NORTHING (ft)	EASTING (ft)		
6	38°28'11.66390" N	105°52'45.84061" W	375534.4176	881292.1608	-0°14'21.4214"	0.999996145950	2102.7057	6	375658.6585	881583.7011	2102.7057	248223.4478	267662.5265	FOUND 83mm BUREAU OF LAND MANAGEMENT BRASS CAP ON PIPE IN MOUND OF STONES MARKED "T49N R10E 1/4 S29 S28 1970"	
8	38°28'36.84197" N	105°52'45.71843" W	376310.7568	881298.3646	-0°14'21.34435"	0.999994820174	2128.3627	8	376435.2521	881589.8344	2128.3627	250771.3233	267682.6488	FOUND 83mm BUREAU OF LAND MANAGEMENT BRASS CAP MARKED "T49N R10E S20 S21 S29 S28 1970"	
11	38°28'37.09001" N	105°53'18.04704" W	376321.7160	880514.7933	-0°14'41.73366"	0.999994867186	2062.0179	11	376446.1769	880806.0038	2062.0179	250807.1658	265111.0298	FOUND 65mm BUREAU OF LAND MANAGEMENT BRASS CAP ON 58mm PIPE MARKED "T49N R10E BLM 1/4 S20 S29 1970 1776"	
12	38°28'37.06187" N	105°53'14.21965" W	376320.4525	880607.5804	-0°14'39.31977"	0.999994808659	2060.6735	12	376444.9175	880898.8016	2060.6735	250803.0339	265415.4841	FOUND 36mm ALUMINUM CAP ON NUMBER 5 REBAR MARKED "WC 6753" (WITNESS CORNER TO N 1/4 CORNER OF SECTION 29)	
13	38°28'36.80822" N	105°53'33.89142" W	376314.6784	880130.7085	-0°14'51.72655"	0.999994821941	2080.0859	13	376439.1184	880421.7924	2080.0859	250784.0079	263850.4959	FOUND 83mm BUREAU OF LAND MANAGEMENT BRASS CAP MARKED "W1/16 S20 S29 1970"	
15	38°28'11.93196" N	105°51'40.70442" W	375536.2461	882871.1671	-0°13'40.34069"	0.999996131757	2088.7827	15	375680.5819	883163.1939	2088.7827	248229.6925	272844.5817	FOUND 83mm BUREAU OF LAND MANAGEMENT BRASS CAP ON 60mm PIPE IN ROCK PILE MARKED "T49N R10E 1/4 S28 S27 1970"	
17	38°28'36.84271" N	105°52'13.88077" W	376307.5947	882070.0690	-0°14'01.26467"	0.999994820135	2178.4060	17	376432.1264	882361.7938	2178.4060	250761.0683	270215.3702	FOUND 83mm BUREAU OF LAND MANAGEMENT BRASS CAP ON 51mm PIPE MARKED "T49N R10E 1/4 S21 S28 1970"	
18	38°27'46.78809" N	105°52'13.19340" W	374764.1200	882080.4383	-0°14'00.83115"	0.999997470256	2208.3819	18	374888.1425	882372.2414	2208.3819	245695.5117	270249.5970	FOUND 83mm BUREAU OF LAND MANAGEMENT BRASS CAP ON 51mm PIPE MARKED "T49N R10E 1/4 S28 S33 1970"	
19	38°27'46.29459" N	105°53'18.56702" W	374755.5223	880495.4916	-0°14'42.06181"	0.999997496674	2272.5689	19	374879.4650	880786.7716	2272.5689	245667.0426	265047.9324	FOUND 83mm BUREAU OF LAND MANAGEMENT BRASS CAP MARKED "1/4 S29 S32 1970"	
20	38°28'11.25462" N	105°53'50.49310" W	375528.4978	879724.8588	-0°15'02.19706"	0.999996167623	2205.2613	20	375652.6585	880015.8468	2205.2613	248203.7626	262518.6553	FOUND 83mm BUREAU OF LAND MANAGEMENT BRASS CAP MARKED "T49N R10E 1/4 S30 S29 1970"	
99	38°31'01.04888" N	106°04'16.35039" W	380844.8261	864586.3718	-0°21'36.91871"	0.999987510290	2262.1510	99	380970.0084	864872.1023	2276.802	265649.1104	212834.5281	7469.81	FOUND 89mm U. S. COAST AND GEODETIC SURVEY BRONZE CAP SET IN CONCRETE MARKED "PONCHA 1935 TRIANGULATION STATION"
100	38°28'31.37634" N	105°52'57.48032" W	376143.4228	881012.5615	-0°14'28.76245"	0.999995106722	2062.4170	100	376267.8490	881303.9450	2076.235	250222.1013	266744.6929	6811.78	FOUND 83mm CDOT TYPE 2 ALUMINUM CAP MARKED "109"
101	38°28'29.51107" N	105°53'04.63256" W	376086.6405	880838.9533	-0°14'33.27329"	0.999995204672	2061.6285	101	376211.0395	881130.2832	2076.297	250035.7188	266174.9339	6811.98	FOUND 83mm CDOT TYPE 2 ALUMINUM CAP MARKED "101"
102	38°28'33.73550" N	105°53'13.84252" W	376217.8466	880616.2645	-0°14'39.08192"	0.999994982953	2062.1985	102	376342.2782	880907.5135	2076.860	250466.2911	265444.0666	6813.83	FOUND 83mm CDOT TYPE 2 ALUMINUM CAP MARKED "102"
103	38°28'27.56012" N	105°52'48.00805" W	376024.7880	881241.6699	-0°14'22.78839"	0.999995307207	2063.0908	103	376149.1861	881533.1348	2077.778	249832.7880	267496.6269	6816.84	FOUND 83mm CDOT TYPE 2 ALUMINUM CAP MARKED "103"
104	38°28'21.10306" N	105°52'40.87526" W	375824.9670	881413.7374	-0°14'18.28981"	0.999995647198	2059.0672	104	375849.3075	881705.2688	2073.752	249177.0191	268061.3702	6803.64	FOUND 83mm CDOT TYPE 2 ALUMINUM CAP MARKED "104"
133	38°27'40.88305" N	105°50'45.65144" W	374573.6732	884202.0655	-0°13'05.61935"	0.999997786731	2037.5170	133	374697.7356	884494.5785	2037.5170	245070.8184	277212.6350		FOUND 83mm ALUMINUM CAP MARKED "200" (WITNESS POST SAYS CP 133)
500	38°28'13.71601" N	105°52'23.17791" W	375595.4179	881841.7894	-0°14'07.12828"	0.999996037343	2059.9774	500	375719.7033	882133.4733	2059.9774	248423.7257	269466.2385		FOUND 75mm BRASS CAP IN CONCRETE POST RIGHT-OF-WAY MARKER MARKED "FAP NO FLHP2A STA 484+40.4 EL 6815.27"
501	38°28'35.42283" N	105°53'18.03841" W	376270.3086	880514.7826	-0°14'41.72822"	0.999994894509	2073.3982	501	376394.7526	880805.9955	2073.3982	250638.4508	265111.0029		FOUND 75mm BRASS CAP IN CONCRETE POST RIGHT-OF-WAY MARKER MARKED "FAP NO FLHP2A STA 440+50 EL 6859.11"

Computer File Information		Sheet Revisions		 Colorado Department of Transportation 3803 N. Main Street, Suite 300 Durango, CO 81301 Phone: (970) 385-1400 FAX: (970) 385-1410 Region 5	As Constructed		SURVEY CONTROL TABULATION		Project No./Code	
Creation Date:	1/15/99	Initials:	JRT		No Revisions:				Designer: Detailer: Structure Numbers:	
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Drawing File Name:	11971FT.DWG									
Acad Ver.	R14	Scale:	NTS	Units:	ENGLISH					

SURVEY CONTROL DIAGRAM

GENERAL NOTES

1. THE COORDINATES OF THE GPS POINTS WERE ADJUSTED FROM NAD 83(1992) COLORADO CENTRAL ZONE STATE PLANE COORDINATE SYSTEM TO THE MODIFIED GRID SYSTEM USING THE FOLLOWING PARAMETERS:
 MEAN ELLIPSOID HEIGHT $H = 2076.1844$ m
 MEAN ELLIPSOID HEIGHT $R = 6378137$ m
 MEAN SEA LEVEL FACTOR $SLF = R/R+H = 0.999674590116$
 MEAN GRID FACTOR $GF = 0.99999524975$
 COMBINED SCALE FACTOR $CF = SLF * GF = 0.999669841412$
 FINAL FACTOR (METERS) $F = 1/CF = 1.00033026763$
 CONVERSION FACTOR METERS TO FEET $CF * 5.280338401$
 FINAL FACTOR (FEET) $FT = CF * 5.280338401 = 3.28191688638$
2. PROJECT SPECIFIC COORDINATES LISTED ARE IN FEET.
3. GPS NETWORK ADJUSTMENT WAS CONSTRAINED USING THE FOLLOWING PUBLISHED COORDINATES:
 POINT PUBLISHED BY NGS:

PROJ #	PT NAME	LATITUDE	LONGITUDE	ELLIP HEIGHT
99	PONCHA	38°31'01.04888" N	106°04'16.35039" W	2262.151 m

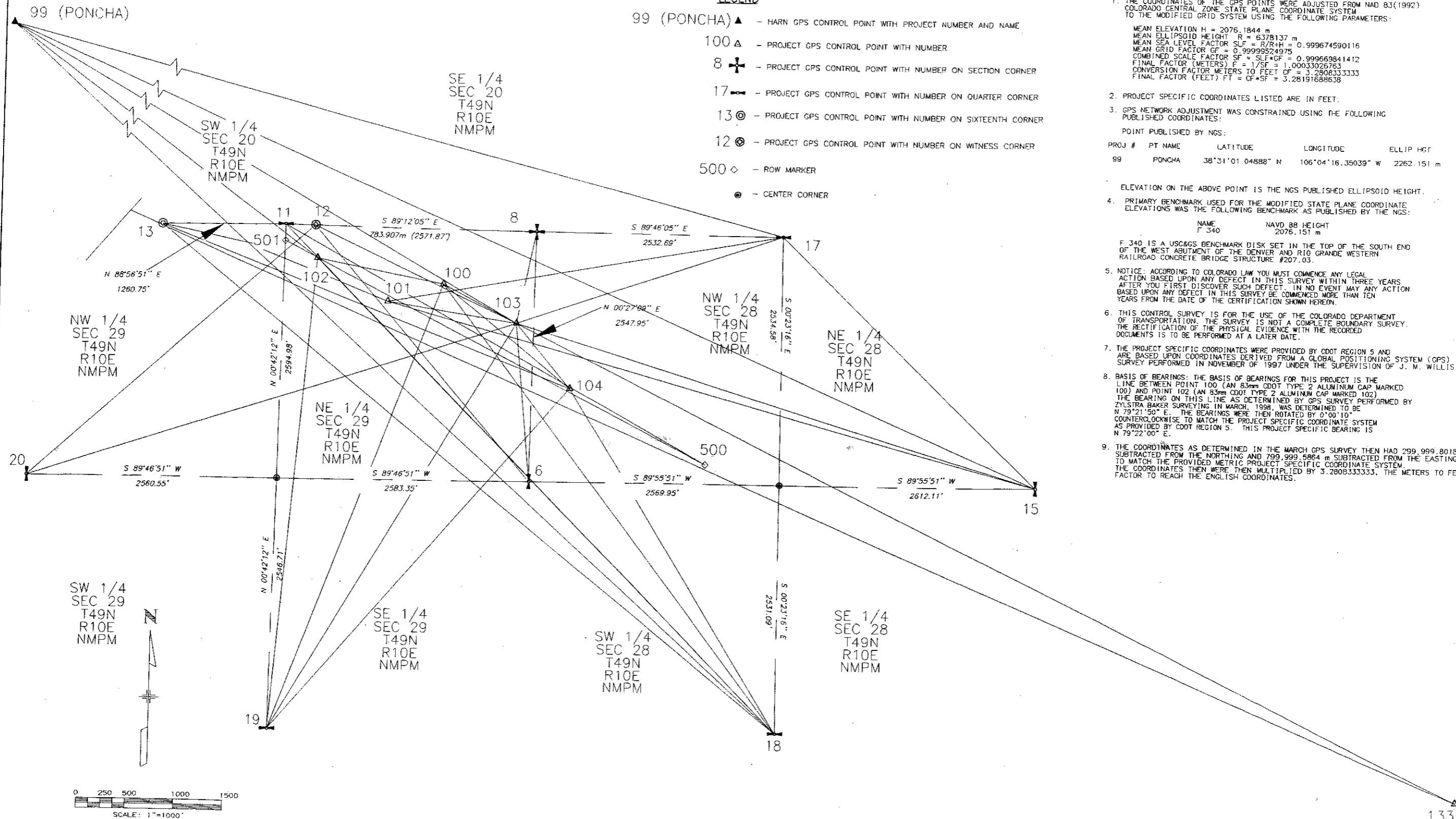
 ELEVATION ON THE ABOVE POINT IS THE NGS PUBLISHED ELLIPSOID HEIGHT.
4. PRIMARY BENCHMARK USED FOR THE MODIFIED STATE PLANE COORDINATE ELEVATIONS WAS THE FOLLOWING BENCHMARK AS PUBLISHED BY THE NGS:

NAME	NAVD 88 HEIGHT
F 340	2076.151 m

 F 340 IS A USC&GS BENCHMARK DISK SET IN THE TOP OF THE SOUTH END OF THE WEST ABUTMENT OF THE DENVER AND RIO GRANDE WESTERN RAILROAD CONCRETE BRIDGE STRUCTURE #207.03.
5. 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.
6. THIS CONTROL SURVEY IS FOR THE USE OF THE COLORADO DEPARTMENT OF TRANSPORTATION. THE SURVEY IS NOT A COMPLETE BOUNDARY SURVEY. THE RECTIFICATION OF THE PHYSICAL EVIDENCE WITH THE RECORDED DOCUMENTS IS TO BE PERFORMED AT A LATER DATE.
7. THE PROJECT SPECIFIC COORDINATES WERE PROVIDED BY CDOT REGION 5 AND ARE BASED UPON COORDINATES DERIVED FROM A GLOBAL POSITIONING SYSTEM (GPS) SURVEY PERFORMED IN NOVEMBER OF 1997 UNDER THE SUPERVISION OF J. M. WILLIS.
8. BASIS OF BEARINGS: THE BASIS OF BEARINGS FOR THIS PROJECT IS THE LINE BETWEEN POINT 100 (AN 83mm CDOT TYPE 2 ALUMINUM CAP MARKED 100) AND POINT 102 (AN 83mm CDOT TYPE 2 ALUMINUM CAP MARKED 102) THE BEARING ON THIS LINE AS DETERMINED BY GPS SURVEY PERFORMED BY ZYLSTRA BAKER SURVEYING IN MARCH, 1998, WAS DETERMINED TO BE N 79°21'50" E. THE BEARINGS WERE THEN ROTATED BY 0°00'10" COUNTERCLOCKWISE TO MATCH THE PROJECT SPECIFIC COORDINATE SYSTEM AS PROVIDED BY CDOT REGION 5. THIS PROJECT SPECIFIC BEARING IS N 79°22'00" E.
9. THE COORDINATES AS DETERMINED IN THE MARCH GPS SURVEY THEN HAD 299,999.8018 m SUBTRACTED FROM THE NORTHING AND 799,999.5864 m SUBTRACTED FROM THE EASTING TO MATCH THE PROVIDED METRIC PROJECT SPECIFIC COORDINATE SYSTEM. THE COORDINATES THEN WERE THEN MULTIPLIED BY 3.2808333333, THE METERS TO FEET FACTOR TO REACH THE ENGLISH COORDINATES.

LEGEND

- 99 (PONCHA) ▲ - HARN GPS CONTROL POINT WITH PROJECT NUMBER AND NAME
- 100 ▲ - PROJECT GPS CONTROL POINT WITH NUMBER
- 8 + - PROJECT GPS CONTROL POINT WITH NUMBER ON SECTION CORNER
- 17 - - - PROJECT GPS CONTROL POINT WITH NUMBER ON QUARTER CORNER
- 13 ⊙ - PROJECT GPS CONTROL POINT WITH NUMBER ON SIXTEENTH CORNER
- 12 ⊙ - PROJECT GPS CONTROL POINT WITH NUMBER ON WITNESS CORNER
- 500 ◊ - ROW MARKER
- - CENTER CORNER



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Acad Ver.	R14	Scale:	1" = 1000'	Units:			ENGLISH	Sheet Subset:			Subset Sheets: 2 of 2

MONUMENTATION AND GENERAL NOTES

TABULATION OF ROW MARKERS TO BE SET TYPE I MONUMENTS

	NORTHING	EASTING	APPROXIMATE STATION
** PT 201	250552.7834	265207.6524	/RT. STA. 130+00.00
PT 203	249951.0967	266241.9495	/RT. STA. 141+19.26
PT 204	250036.9646	266416.2515	/RT. STA. 142+89.26
PT 205	250056.2714	266550.8468	/RT. STA. 144+25.23
PT 206	250104.7951	266723.5922	/RT. STA. 146+15.23
PT 207	249744.5497	267376.5847	/RT. STA. 155+09.56
PT 208	249608.5296	267509.3163	/RT. STA. 156+99.56
PT 209	250638.5061	265298.6295	/LT. STA. 130+00.00
* PT 210	250583.4661	265396.1518	/LT. STA. 131+06.94
PT 211	250260.3741	266220.7946	/LT. STA. 141+19.26
* PT 212	250249.7862	266385.7236	/LT. STA. 142+89.26
* PT 213	250269.0930	266520.3188	/LT. STA. 144+25.23
* PT 214	250289.7164	266718.1964	/LT. STA. 146+15.23
PT 215	249838.6083	267535.8894	/LT. STA. 155+09.56
PT 216	249753.0184	267581.3556	/LT. STA. 156+00.00
PT 217	249649.7158	267600.4405	/LT. STA. 156+99.56
PT 220	250138.4076	265123.0912	/RT. STA. 132+08.37
PT 221	250041.6165	265243.6228	/RT. STA. 133+23.00
PT 222	250078.2655	265572.3623	/RT. STA. 135+32.59

* Denotes Point in River - Not Set
 ** Denotes Witness Corner Set S11°32'02"W, 21.00' From Pt. No. 201;
 Northing Easting
 250532.29 265203.57

TABULATION OF CONTROL POINTS

	NORTHING	EASTING
50	250572.6527	265304.7427
51	250191.1138	266196.9430
52	250358.8198	265606.5636
53	250226.9415	266947.1525
54	250126.2301	266422.6617
55	250281.6527	266967.2882
57	249902.6390	265795.1242
58	249296.1517	265444.3497
59	249073.2774	265202.7924
60	250135.2333	267183.5637
61	249827.9334	267481.0602
63	249280.9991	267887.3304
100	250222.1013	266742.1096
101	250035.7204	266174.9368
102	250466.2904	265444.0721
105	249176.8133	268061.4042

LEGEND

⊙ - CDOT R.O.W. MONUMENT TO BE SET

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE											
	1	1A	1A	2	2A	3	3A	4	4A	5	6	
REFERENCE												
RIGHT OF WAY	15	19								3		
CONTROL												
ALIQUOT CORNER												
WITNESS POST												
PERM. EASEMENT												

C.D.O.T. SURVEYOR'S STATEMENT (FIELD)
 Original Control Survey and Topo set under my supervision and checking.

NAME _____ PLS NO _____
 DATE _____

GENERAL NOTES

- THESE MAPS WERE PREPARED FOR THE EXCLUSIVE USE OF THE COLORADO DEPARTMENT OF TRANSPORTATION NAMED ON THE CERTIFICATION HEREON. SAID CERTIFICATION DOES NOT EXTEND TO ANY PERSON(S) WITHOUT AND EXPRESSED RECERTIFICATION BY THE SURVEYOR NAMING SAID PERSONS.
- THE MONUMENTING LAND SURVEYOR WILL, UPON COMPLETION, CERTIFY TO THE MONUMENTATION AS PER THE CERTIFICATION SHOWN AT RIGHT, AND FILE WITH THE COUNTY PER C.R.S. 38-51-107.
- R.O.W. MARKERS SET MUST DISPLAY THE PROFESSIONAL LAND SURVEYOR'S REGISTRATION NUMBER AND THE COORDINATE POINT NUMBER PER THIS SET OF PLANS.
- THIS RIGHT-OF-WAY PLAN IS NOT A COMPLETE BOUNDARY SURVEY OF ALL ADJOINING OWNERS.
- ALL RIGHT-OF-WAY MARKERS WILL BE SET FROM SURVEY CONTROL POINTS, AS SHOWN ON CONTROL SHEET.
- 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.
- BASIS OF BEARINGS: THE BASIS OF BEARINGS FOR THIS PROJECT IS THE LINE BETWEEN POINT 100 (A CDOT TYPE 2 MONUMENT WITH A 3 1/4" ALUMINUM CAP MARKED 100) AND POINT 102 (A CDOT TYPE 2 MONUMENT WITH A 3 1/4" ALUMINUM CAP MARKED 102). THE BEARING ON THIS LINE AS DETERMINED BY GPS SURVEY PERFORMED BY ZYLSTRA BAKER SURVEYING IN MARCH, 1998, WAS DETERMINED TO BE N 79°21'50" E. THE BEARINGS WERE THEN ROTATED BY 0°00'10" COUNTERCLOCKWISE TO MATCH THE PROJECT SPECIFIC COORDINATE SYSTEM AS PROVIDED BY CDOT REGION 5. THIS PROJECT SPECIFIC BEARING IS N 79°22'00" E.

SURVEYOR'S CERTIFICATE

Right of Way and Aliquot Corner monumentation, and Survey Control Monuments were supervised and prepared for my direct supervision and review based on surveys, topography and proposed construction prepared by others; Colorado Land Title records and records of Ownership were relied on for existing deeds, owners and easements shown.

NAME Joe Zylstra PE/PLS NO 11434
 DATE September 8, 2000

CONTRACTOR'S SURVEYOR'S STATEMENT

Right of Way and Aliquot Corner monumentation was done under my supervision, check and compliance with Colorado Laws and Regulations.

NAME Steve Miller PLS NO 29420
 DATE December 8, 2000
 COLORADO

DEPOSITED THIS _____ DAY OF _____, 20____, AT _____ M. IN BOOK _____ OF THE COUNTY SURVEYOR'S LAND SURVEY/RIGHT-OF-WAY SURVEYS AT PAGE(S) _____
 RECEPTION NUMBER _____
 COUNTY SURVEYOR/DEPUTY COUNTY SURVEYOR _____

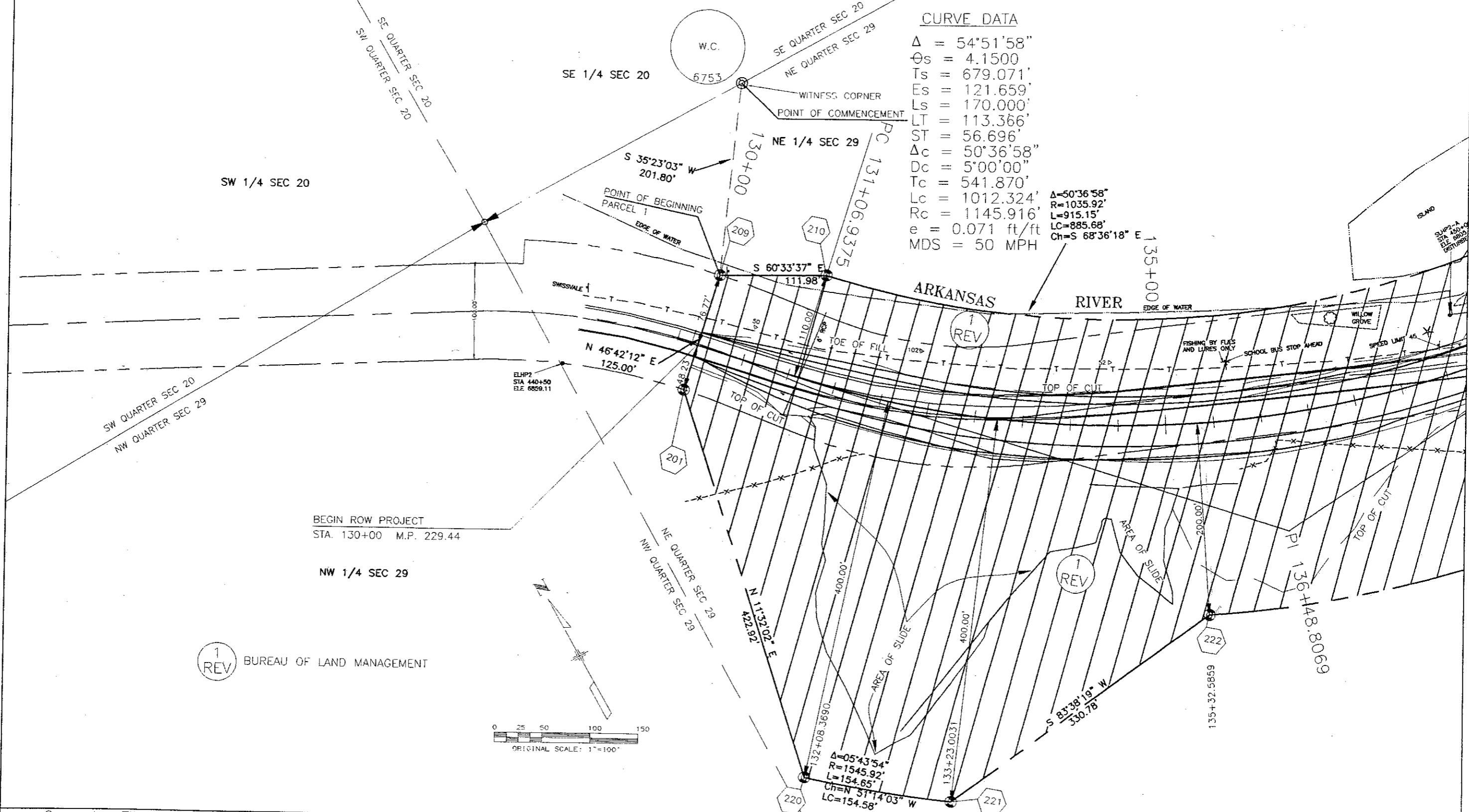
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Acad Ver. R14	Scale: NTS	Units: ENGLISH						

SECTION 29, TOWNSHIP 49 NORTH,
RANGE 10 EAST, NEW MEXICO PRINCIPAL MERIDIAN

CURVE DATA

$\Delta = 54^{\circ}51'58''$
 $\Theta_s = 4.1500$
 $T_s = 679.071'$
 $E_s = 121.659'$
 $L_s = 170.000'$
 $LT = 113.366'$
 $ST = 56.696'$
 $\Delta_c = 50^{\circ}36'58''$
 $D_c = 5^{\circ}00'00''$
 $T_c = 541.870'$
 $L_c = 1012.324'$
 $R_c = 1145.916'$
 $e = 0.071 \text{ ft/ft}$
 $MDS = 50 \text{ MPH}$

$\Delta = 50^{\circ}36'58''$
 $R = 1035.92'$
 $L = 915.15'$
 $LC = 885.68'$
 $Ch = S 68^{\circ}36'18'' E$



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PLAN SHEET	
Designer:	Structure Numbers
Detailer:	
Sheet Subset: ROADWAY	Subset Sheets: 1 of 3

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BR 0503-052	
11971	
Sheet Number	5 of 9

SECTION 29, TOWNSHIP 49 NORTH,
RANGE 10 EAST, NEW MEXICO PRINCIPAL MERIDIAN

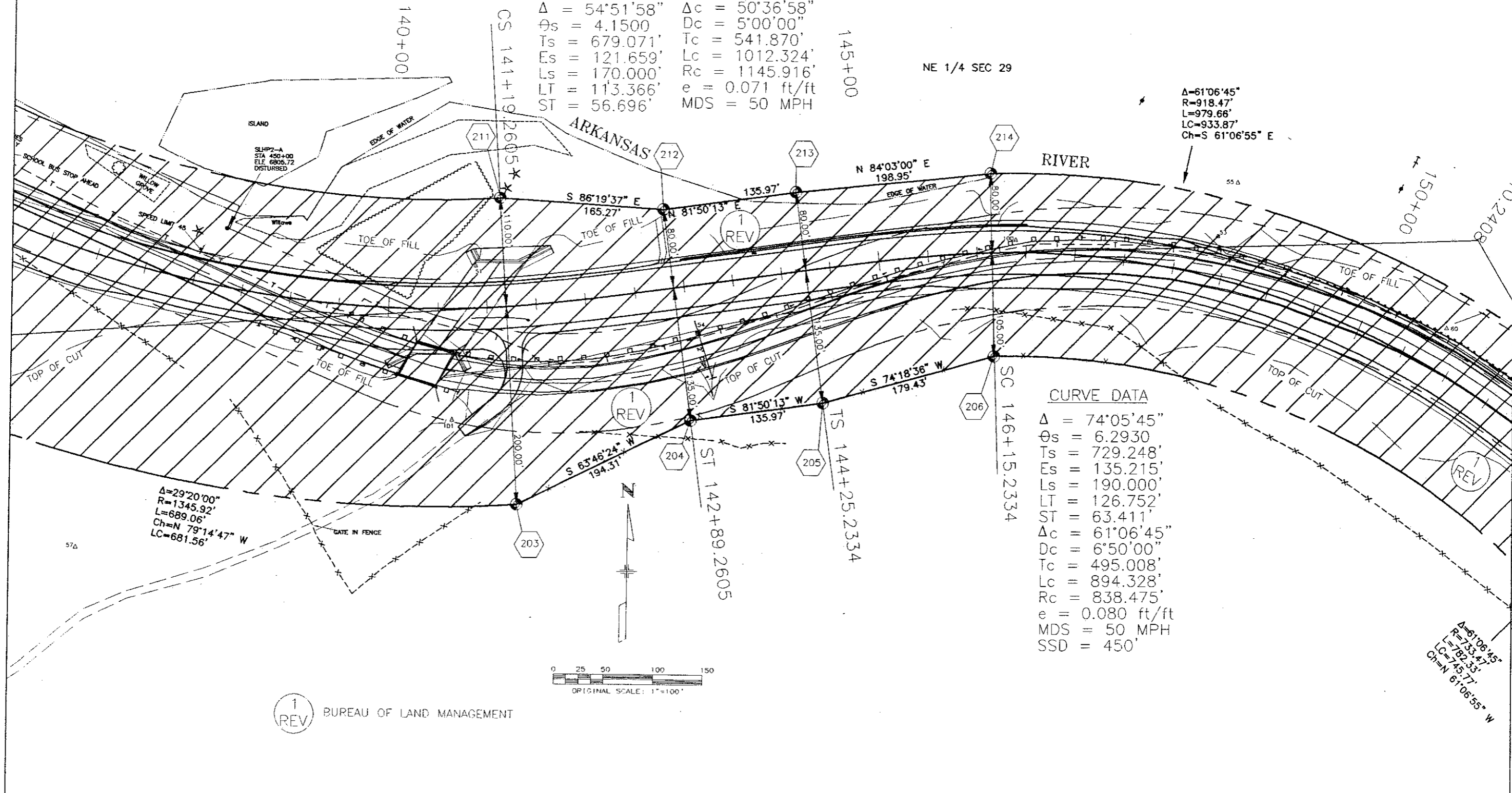
CURVE DATA

$\Delta = 54^{\circ}51'58''$ $\Delta_c = 50^{\circ}36'58''$
 $\theta_s = 4.1500$ $D_c = 5^{\circ}00'00''$
 $T_s = 679.071'$ $T_c = 541.870'$
 $E_s = 121.659'$ $L_c = 1012.324'$
 $L_s = 170.000'$ $R_c = 1145.916'$
 $LT = 113.366'$ $e = 0.071 \text{ ft/ft}$
 $ST = 56.696'$ $MDS = 50 \text{ MPH}$

$\Delta=61^{\circ}06'45''$
 $R=918.47'$
 $L=979.66'$
 $LC=933.87'$
 $Ch=S 61^{\circ}06'55'' E$

CURVE DATA

$\Delta = 74^{\circ}05'45''$
 $\theta_s = 6.2930$
 $T_s = 729.248'$
 $E_s = 135.215'$
 $L_s = 190.000'$
 $LT = 126.752'$
 $ST = 63.411'$
 $\Delta_c = 61^{\circ}06'45''$
 $D_c = 6^{\circ}50'00''$
 $T_c = 495.008'$
 $L_c = 894.328'$
 $R_c = 838.475'$
 $e = 0.080 \text{ ft/ft}$
 $MDS = 50 \text{ MPH}$
 $SSD = 450'$



1 REV BUREAU OF LAND MANAGEMENT

Computer File Information		
Creation Date:	1/15/99	Initials: JRT
Last Modification Date:	9/1/00	Initials: JRT
Full Path:	C:\DATA\980304	
Drawing File Name:	11971FT.DWG	
Acad Ver.	P14	Scale: 1" = 50' Units: ENGLISH

Sheet Revisions		
3/18/99	NEW TOES, CULVERT	
7/5/00	REVISE R.O.W.	
9/1/00	REVISE PARCEL NO.	

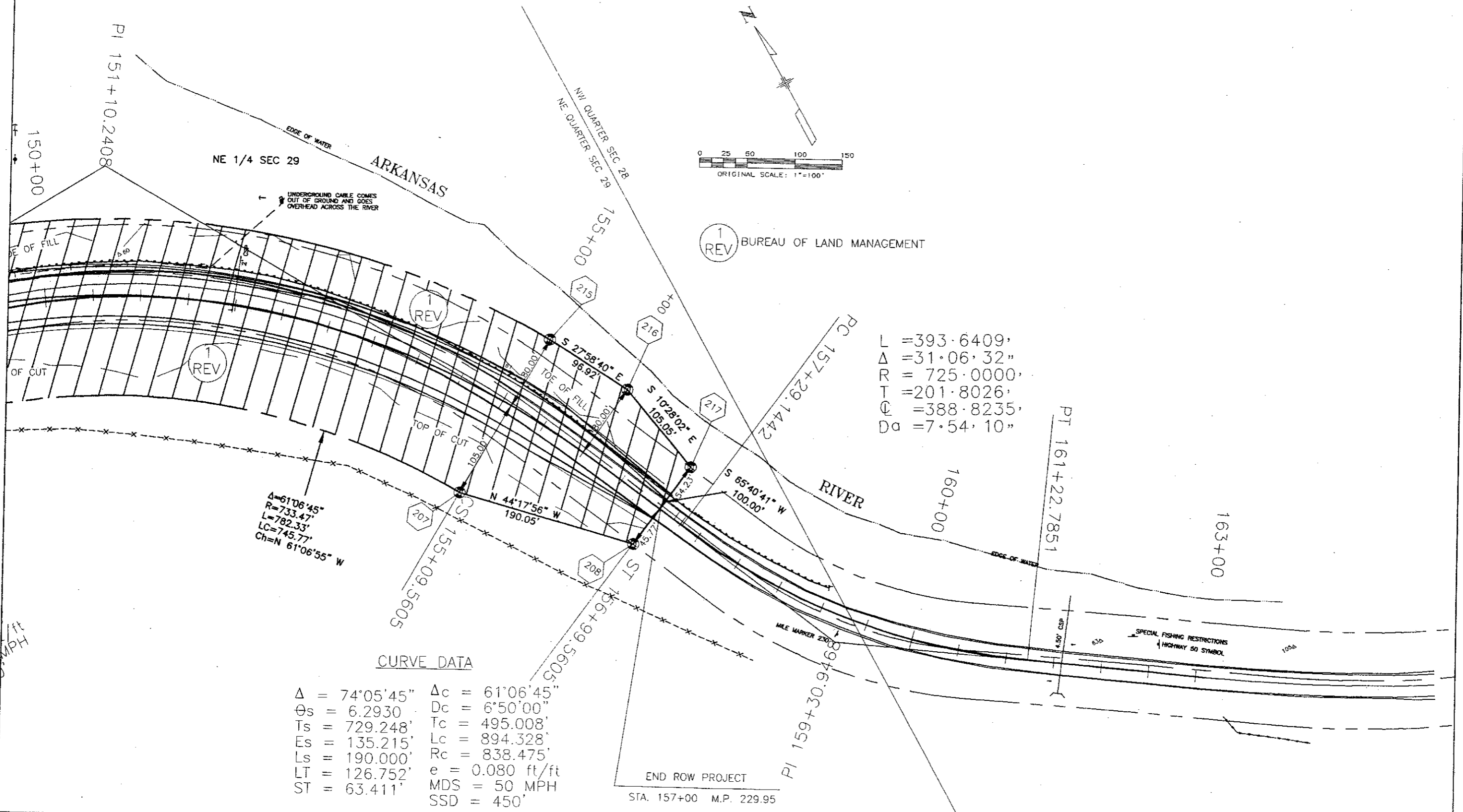
Colorado Department of Transportation
 3803 N. Main Street, Suite 300
 Durango, CO 81301
 Phone: (970) 385-1400
 Fax: (970) 385-1410
 Region 5

As Constructed
No Revisions:
Revised:
Void:

PLAN SHEET		
Designer:	Structure Numbers:	
Detailer:		
Sheet Subset: ROADWAY	Subset Sheets:	2 of 3

Project No./Code	BR 0503-052
Sheet Number	6 of 9

SECTION 29, TOWNSHIP 49 NORTH,
RANGE 10 EAST, NEW MEXICO PRINCIPAL MERIDIAN



L = 393.6409'
 Δ = 31.06.32"
 R = 725.0000'
 T = 201.8026'
 Ch = 388.8235'
 D_a = 7.54.10"

$\Delta = 61^{\circ}06'45''$
 $R = 733.47'$
 $L = 782.33'$
 $LC = 745.77'$
 $Ch = N 61^{\circ}06'55'' W$

CURVE DATA

$\Delta = 74^{\circ}05'45''$	$\Delta_c = 61^{\circ}06'45''$
$\Theta_s = 6.2930$	$D_c = 6^{\circ}50'00''$
$T_s = 729.248'$	$T_c = 495.008'$
$E_s = 135.215'$	$L_c = 894.328'$
$L_s = 190.000'$	$R_c = 838.475'$
$LT = 126.752'$	$e = 0.080 \text{ ft/ft}$
$ST = 63.411'$	$MDS = 50 \text{ MPH}$
	$SSD = 450'$

END ROW PROJECT
 STA. 157+00 M.P. 229.95

Computer File Information	
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Sheet Revisions	
3/18/99	NEW TOES, CULVERT
7/5/00	REVISE R.O.W.
9/1/00	REVISE PARCEL NO.

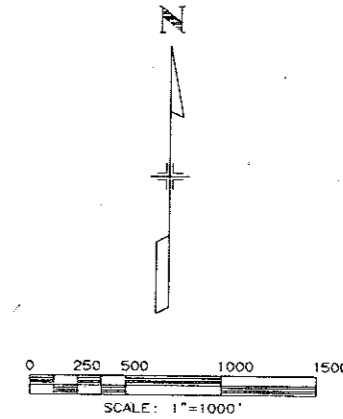
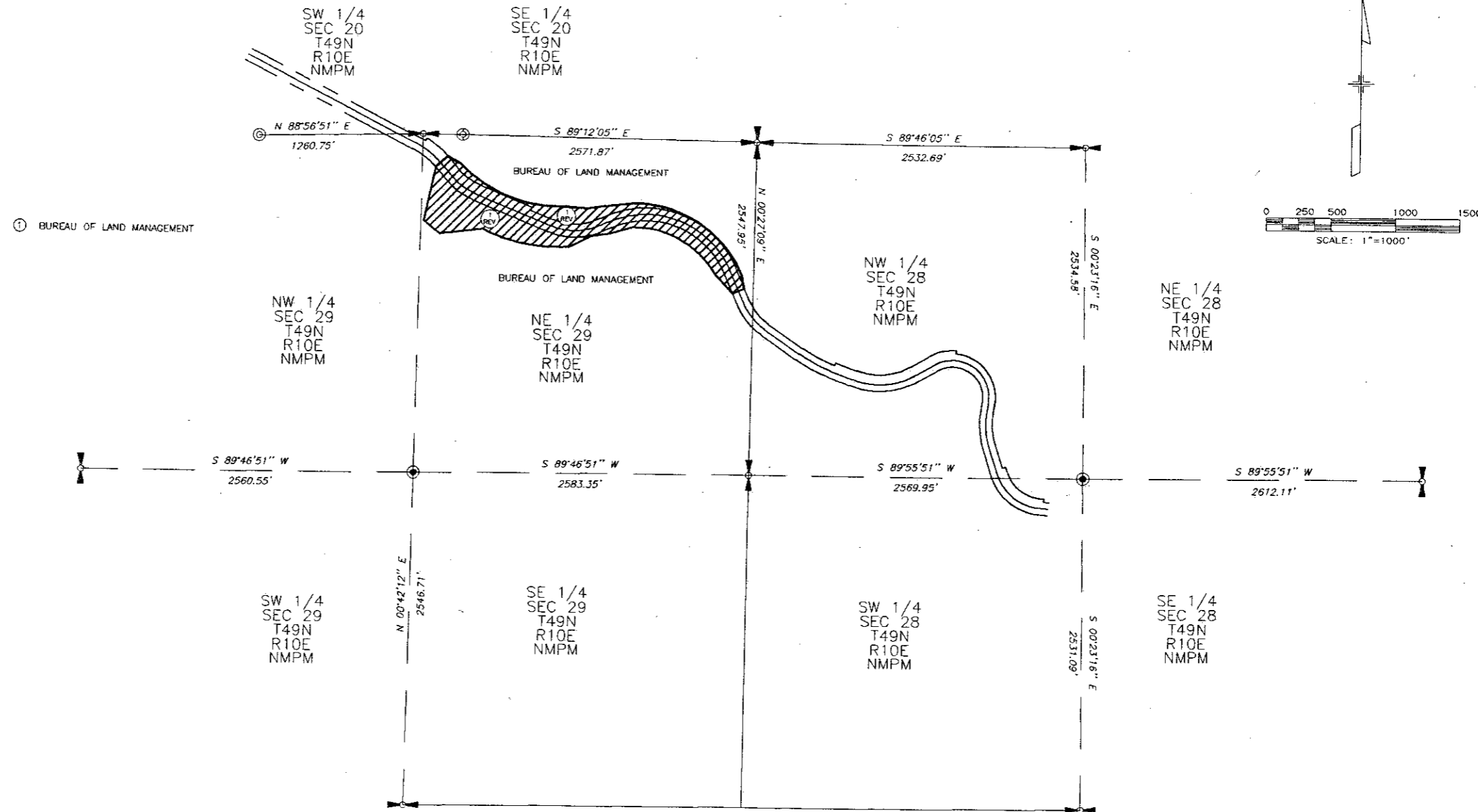
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Void:

PLAN SHEET	
Designer:	Structure Numbers:
Detailer:	
Sheet Subset: ROADWAY	Sheet Number: 7 of 9

Project No./Code	BR 0503-052
	11971

TOTAL OWNERSHIP MAP SECTIONS 20, 28 & 29 T49N, R10E, N.M.P.M.



Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		TOTAL OWNERSHIP		Project No./Code		
Creation Date:	1/15/99	Initials:	JRT	3/18/99	NEW TOES. CULVERT	 3803 N. Main Street, Suite 300 Durango, CO 81301 Phone: (970) 385-1400 FAX: (970) 385-1410	No Revisions:		BR 0503-052			
Last Modification Date:	9/1/00	Initials:	JRT	7/5/00	REVISE R.O.W.						Revised:	
Full Path:	C:\1DATA\980304		9/1/00	REVISE PARCEL NO.	Void:							
Drawing File Name:	11971FT.DWG						Region 5		Designer: _____ Detailer: _____ Structure Numbers: _____		11971	
Acad Ver.	R14	Scale: 1" = 1000' Units: ENGLISH									Sheet Number 8 of 9	