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DEPARTMENT OF TRANSPORTATION
STATE OF COLORADO

RIGHT OF WAY
COTOPAXI TO PARKDALE
(PINNACLE ROCK)

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	PLH 050-3(40)	1	5
REVISIONS				

RIGHT OF WAY PLAN OF PROPOSED
FEDERAL AID PROJECT NO. PLH 050-3(40)
STATE HIGHWAY NO. 50
FREMONT 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	-----
Center of Section	-----
Culverts & Drains	-----
Bridges	-----

SCALES OF ORIGINAL DRAWINGS
PLAN SHEETS 1" = 100'

INDEX OF SHEETS

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

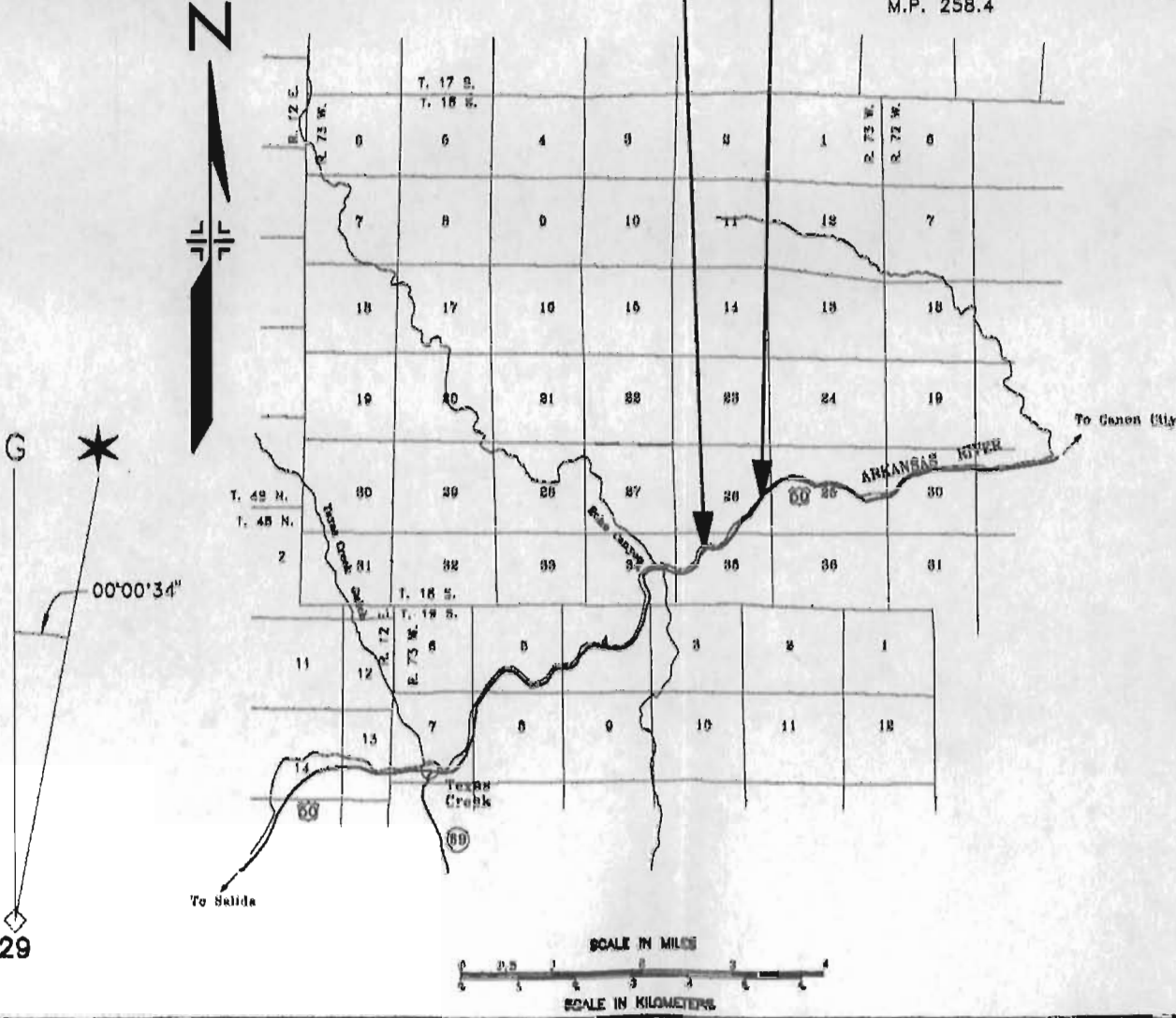
NOTE: SHEET 2 IS NOT INCLUDED WITH THE SHEETS DEPOSITED IN THE COUNTY RECORDS.

STA. PRC 1921+99.2 BEGIN ROW ON
PROJECT AWP 4001-A

STA. 1958+50.3 END ROW ON
PROJECT AWP 4001-A

STA. P.R.C. 1914+75.55 BEGIN CONSTR. ON
PROJECT PLH 050-3(40)
0.7' LT OF STA P.O.C. 1922+00.4 (AWP 4001-A)
M.P. 257.7

STA. 1950+40.3 END CONSTR. ON
PROJECT PLH 050-3(40)
0.8' RT OF STA 1958+50.3 (AWP 4001-A)
M.P. 258.4



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 the accompanying right-of-way plan represents the property acquired by the Colorado Department of Transportation for this project 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.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED _____ DATE _____

DIVISION ADMINISTRATOR

FIELD SURVEYOR CERTIFICATE
ROW MONUMENTATION WAS DONE UNDER MY SUPERVISION AND CHECKING.

NAME: _____

PLS NUMBER: _____

DATE: _____

OFFICE SURVEYOR CERTIFICATE
ROW PLANS AND LEGAL DESCRIPTIONS WERE DONE UNDER MY SUPERVISION AND CHECKING.

NAME: _____

PLS NUMBER: _____

DATE: _____

BASIS OF BEARINGS

ALL BEARINGS ARE BASED ON THE COLORADO COORDINATE SYSTEM OF 1983/1992, CENTRAL ZONE. A COMBINED GRID FACTOR OF 0.9997113 WAS USED TO MODEL THE SURFACE OF THE EARTH AT THIS LOCATION. THE COMBINED GRID FACTOR IS BASED ON A SCALE FACTOR OF 0.99999826 AND A 6000 FOOT ELEVATION FACTOR. ALL COORDINATES WERE CONVERTED TO NON-METRIC UNITS USING THE U.S. SURVEY FOOT DEFINITION: ONE METER EQUALS 3937/1200 FEET.

REVISIONS	

RIGHT OF WAY
COTOPAXI TO PARKDALE
(PINNACLE ROCK)

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	PLH 080-3(40)	2	5

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

S.H. NO. 50

[illegible]

MONUMENTATION SHEET

PROJECT PLH 050-3(40)

TOWNSHIP 18 SOUTH, RANGE 73 WEST, OF THE 6TH P.M.

TABULATION OF ROW MARKERS FOUND BY CDOT

STATE PLANE COORDINATES (CENTRAL ZONE) ZERO ELEVATION

	NORTHING (METERS)	EASTING (METERS)	ELEV. (METERS)	PROJECT PLAN LOCATION
1002	376824.707	921804.964	1764.177	50' RT OF PC 2310+86.4
1003	376820.662	921806.944	1765.709	65' RT OF PC 2310+86.4
1004	376603.551	921180.840	1776.523	50' RT OF PT 2289+09.6 AH
1005	376599.665	921181.926	1778.952	65' RT OF PT 2289+09.6 AH
1006	376315.461	920704.426	1782.768	50' RT OF POC 2270+00
1007	376310.043	920709.795	1790.394	75' RT OF POC 2270+00
1008	376235.855	920550.090	1775.075	50' RT OF PC 2264+51.1
1009	376192.862	920047.018	1777.711	50' RT OF 2248+00
1010	376189.797	920047.405	1777.326	60' RT OF 2248+00
1011	375484.807	918703.729	1794.346	50' RT OF PC 2194+43.0
1012	375484.383	918706.725	1794.730	60' RT OF PC 2194+43.0
1013	374925.653	918569.306	1797.497	50' RT OF PT 2175+56.2 AH
1014	374923.991	918575.194	1798.009	70' RT OF PT 2175+56.2 AH
1015	374310.704	918140.821	1798.769	50' RT OF PCC 2150+99.9
1016	374305.447	918143.859	1804.650	70' RT OF PCC 2150+99.9
1017	374155.497	917455.390	1803.831	65' RT OF 2128+00
1018	374109.309	917061.363	1814.859	65' RT OF 2115+00
1019	374098.007	917062.629	1825.771	100' RT OF 2115+00
1020	374100.218	916753.321	1811.813	100' RT OF 2105+00
1023	374113.185	915999.171	1809.911	50' RT OF 2085+00
1024	374108.579	915999.566	1813.591	65' RT OF 2085+00
1021	374127.654	916150.711	1814.939	50' RT OF 2080+00
1022	374124.074	916151.065	1817.727	65' RT OF 2080+00
1025	374041.516	915705.696	1808.618	60' RT OF PT 2069+89.9 AH
1026	373664.390	915197.993	1809.847	50' RT OF PC 2048+86.5
1027	373649.547	915201.816	1809.354	100' RT OF PC 2048+86.5
1028	373621.306	915025.497	1815.651	50' RT OF 2043+00
1029	373665.617	915014.467	1815.745	100' LT OF 2043+00
1030	373606.549	915029.168	1815.412	100' RT OF 2043+00
1031	373620.094	914672.323	1837.356	100' RT OF 2031+62.6
1032	373622.379	914674.246	1835.861	90' RT OF 2031+62.6
1033	373985.905	913446.233	1836.826	50' RT OF 1987+75
1034	373972.383	913444.967	1843.238	95' RT OF 1987+75
1035	373946.876	913333.045	1855.332	95' RT OF 1983+25
1036	373743.684	913045.419	1842.113	50' RT OF PC 1971+30.4
1037	373738.840	913052.920	1846.168	80' RT OF PC 1971+30.4
1038	373230.959	912689.842	1841.272	50' RT OF PT 1950+46.0 BK
1039	373228.428	912691.343	1843.110	60' RT OF PT 1950+46.0 BK
1040	372768.076	912315.348	1850.697	60' RT OF PC 1930+72.9
1041	372758.083	912321.908	1859.140	100' RT OF PC 1930+72.9
1042	372719.180	912236.496	1847.171	50' RT OF PT 1927+68.4 AH
1043	372297.093	911405.970	1854.519	50' RT OF 1890+80
1044	372283.220	911399.971	1861.633	100' RT OF 1890+80
1045	372064.463	910826.034	1855.291	70' LT OF 1863+50
1046	372106.951	910848.264	1868.782	50' RT OF 1864+50
1047	372109.671	910857.008	1876.769	80' RT OF 1864+50
1048	371820.854	911014.870	1874.402	80' RT OF 1853+50
1049	371819.438	911023.777	1879.830	110' RT OF 1853+50
1050	371733.742	910951.931	1865.182	70' LT OF 1850+25
1051	371672.293	910961.344	1887.870	80' RT OF 1848+50
1052	371668.758	910969.627	1897.030	110' RT OF 1848+50

TABULATION OF ROW MARKERS TO BE SET

STATE PLANE COORDINATES (CENTRAL ZONE) ZERO ELEVATION

	NORTHING (METERS)	EASTING (METERS)
1500	372664.371	912057.810
1501	372728.561	912081.895
1502	372687.439	912257.692
1503	372744.456	912219.618
1504	372746.990	912217.926
1505	372738.934	912334.808
1506	372798.485	912295.042
1507	372882.174	912475.263
1508	372920.763	912414.943
1509	373108.937	912620.330
1510	373147.526	912560.010
1511	373198.833	912710.344
1512	373256.634	912673.473
1513	373259.203	912671.834
1514	373208.704	912725.820
1515	373266.506	912688.948
1516	373294.014	912810.216
1517	373330.261	912752.021
1518	373392.818	912871.756
1519	373412.955	912839.425
1520	373429.065	912813.561

STATE PLANE MODIFIED GRID COORDINATES

	NORTHING (FEET)	EASTING (FEET)
1500	1223002.770	2993173.794
1501	1223213.430	2993252.835
1502	1223078.475	2993829.762
1503	1223265.592	2993704.813
1504	1223273.908	2993699.260
1505	1223247.470	2994082.841
1506	1223442.904	2993952.339
1507	1223717.554	2994543.784
1508	1223844.194	2994345.826
1509	1224461.739	2995019.862
1510	1224588.379	2994821.905
1511	1224756.757	2995315.267
1512	1224946.450	2995194.264
1513	1224954.880	2995188.886
1514	1224789.154	2995366.055
1515	1224978.847	2995245.052
1516	1225069.122	2995643.026
1517	1225188.076	2995452.042
1518	1225393.375	2995844.986
1519	1225459.461	2995738.884
1520	1225512.329	2995654.002

REVISIONS	
ADDED MODIFIED GRID COORDS.	

RIGHT OF WAY
COTOPAXI TO PARKDALE
(PINNACLE ROCK)

FEDERAL ROAD REGION NO.	DMSION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VII	COLORADO	PLH 050-3(40)	3	5

GENERAL NOTES

- THIS RIGHT-OF-WAY PLAN DOCUMENT IS DEPENDENT UPON THE SUFFICIENCY AND ACCURACY OF THE BOUNDARY EVIDENCE SUPPLIED BY OTHERS.
- THE PRIMARY CONTROL FOR THIS RIGHT-OF-WAY PLAN DOCUMENT HAS BEEN DEPOSITED IN THE RECORDS OF THE FREMONT COUNTY CLERK AND RECORDER OFFICE.
- THIS RIGHT-OF-WAY PLAN DOCUMENT IS FOR THE USE OF THE COLORADO DEPARTMENT OF TRANSPORTATION AND IS NOT A COMPLETE SURVEY OF ALL ADJACENT PROPERTY BOUNDARIES.
- THIS RIGHT-OF-WAY PLAN DOCUMENT DOES NOT SHOW RIGHTS-OF-WAY OR EASEMENTS OF RECORD EXCEPT FOR THOSE PERTAINING TO STATE HIGHWAY 50.
- ALL BEARINGS REFERENCED IN THE PARCEL DESCRIPTION ARE RELATIVE TO THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 26, TOWNSHIP 18 SOUTH, RANGE 73 WEST, OF THE 6TH PRINCIPAL MERIDIAN, FREMONT COUNTY, COLORADO BEARING N. 89° 59' 23" W. BETWEEN TWO FOUND MONUMENTS BEING A 3.25 INCH ALUMINUM CAP MARKED S25, S26, S35, S36, T18S, R73W, 1981 AT THE EAST TERMINUS (SECTION CORNER) AND A 3.25 INCH ALUMINUM CAP MARKED 1/4, S26, S35, T18S, R73W, 1982 AT THE WEST TERMINUS (QUARTER CORNER).
- A COMBINED GRID FACTOR OF .9997113 WAS USED TO MODEL THE SURFACE OF THE EARTH AT THIS LOCATION. THE COMBINED GRID FACTOR IS BASED ON A SCALE FACTOR OF .99999828 AND A 6000 FOOT ELEVATION FACTOR. ALL COORDINATES WERE CONVERTED TO NON-METRIC UNITS USING THE U.S. SURVEY FOOT DEFINITION: ONE METER EQUALS 3937/1200 FEET.

TABULATION OF CONTROL POINTS

STATE PLANE MODIFIED GRID COORDINATES

	NORTHING (FEET)	EASTING (FEET)
101	1223309.716	2993000.408
104	1223900.063	2994495.147
105	1223442.438	2994860.019
106	1224539.734	2994801.154
236	1226611.283	2996377.042
237	1225749.501	2995838.367
238	1225137.484	2995452.807
239	1223410.034	2993972.960
240	1223195.094	2993615.269
241	1222943.466	2992617.024
305	1223011.064	2992856.184
402	1222740.364	2992746.132
403	1223490.408	2994682.563

QUANTITY OF MONUMENTS SET

CAP TYPE	MONUMENT TYPE						
	1	1A	2	2A	3	3A	4
REFERENCE							
RIGHT-OF-WAY							
CONTROL							
ALIQUOT CORNER							
WITNESS POST							

11/17/93 PLAN SHEET 1 10053 PRUDICA

REVISIONS	

RIGHT OF WAY
COTOPAXI TO PARKDALE
(PINNACLE ROCK)

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	PLH 050-3(40)	4	5

North 1/2, SEC. 35
T. 18 S., R. 73 W., 6th P.M.

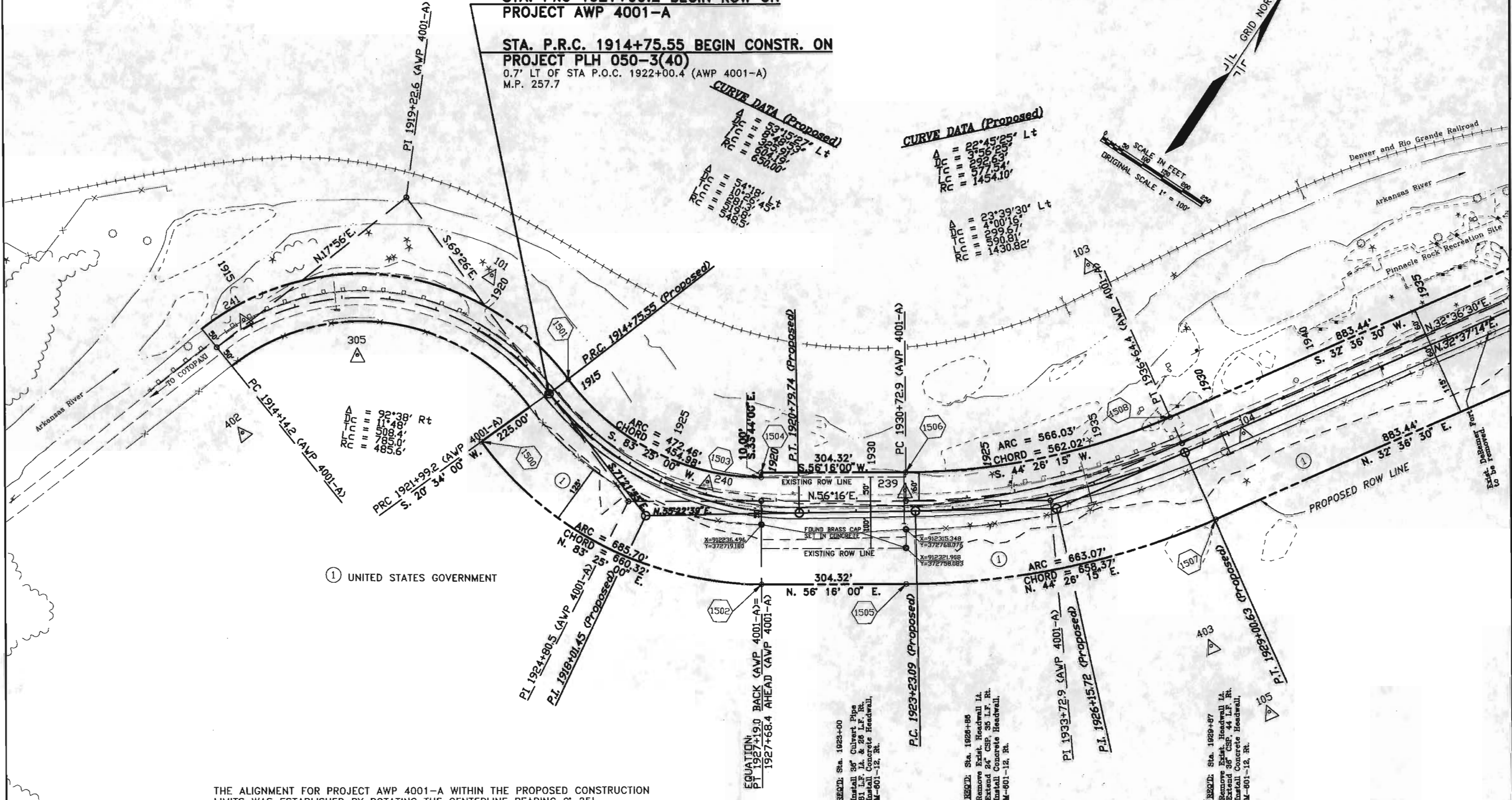
STA. PRC 1921+99.2 BEGIN ROW ON
PROJECT AWP 4001-A

STA. P.R.C. 1914+75.55 BEGIN CONSTR. ON
PROJECT PLH 050-3(40)
0.7' LT OF STA P.O.C. 1922+00.4 (AWP 4001-A)
M.P. 257.7

CURVE DATA (Proposed)
A = 53°15'25" Lt
DC = 324.57'
LC = 674.91'
RC = 650.00'
TANGENT = 54.18'
CHORD = 489.13'
S. 54°18'00" E.

CURVE DATA (Proposed)
A = 22°45'25" Lt
DC = 324.57'
LC = 674.91'
RC = 1454.10'
TANGENT = 54.18'
CHORD = 489.13'
S. 54°18'00" E.

SCALE IN FEET
ORIGINAL SCALE 1" = 100'



① UNITED STATES GOVERNMENT

THE ALIGNMENT FOR PROJECT AWP 4001-A WITHIN THE PROPOSED CONSTRUCTION LIMITS WAS ESTABLISHED BY ROTATING THE CENTERLINE BEARING 0° 25' CLOCKWISE AND ADJUSTING THE CENTERLINE DISTANCES TO FIT THE PLAN STATIONING OF THE FOUND BRASS CAPS. THE COORDINATES LISTED ARE NAD 1982/93, CENTRAL ZONE.

RECD: Sta. 1923+00
Install 36" Culvert Pipe
81 L.F. L.A. & 28 L.F. R.R.
Install Concrete Headwall,
M-601-12, Rt.

RECD: Sta. 1924+86
Remove Exst. Headwall L.A.
Extend 24" CSP, 35 L.F. R.R.
Install Concrete Headwall,
M-601-12, Rt.

RECD: Sta. 1926+87
Remove Exst. Headwall L.A.
Extend 36" CSP, 44 L.F. R.R.
Install Concrete Headwall,
M-601-12, Rt.

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	PLH 050-3(40)	5	5

CURVE DATA (Proposed)

Δ	=	25°57'09"	Lt
Dc	=	6'34.13'	
Tc	=	200.94'	
Lc	=	394.98'	
Rc	=	872.00'	

Δ	=	25°33'	Lt
Dc	=	8'00.28'	
Tc	=	162.23'	
Lc	=	319.07'	
Rc	=	715.50'	

CURVE DATA (Proposed)

D	=	2437.39'	Rt
Dc	=	505.18'	
Lc	=	245.79'	
Lg	=	483.99'	
Rc	=	1126.00'	

$$\begin{aligned} \Delta_{DC} &= 24^{\circ} 51' 30'' \text{ Rt} \\ T_C &= 5^{\circ} 00' 17'' \\ L_C &= 252.33' \\ R_C &= 496.71' \\ &= 1144.86' \end{aligned}$$

REQD: Sta. 1939+83
Remove Exist. Headwa
Extend 36" CSP, 42 L
Install Concrete Head
M-801-12, RT.

REQD: Sta. 1948+85
Remove Exst. Headwa.
Extend 24" CSP, 18 L.
Install Concrete Headw.
M-801-12, RT.

FOUND G.L.D. BRASS CAP (29)
SECTION CORNER
X=913108.682
Y=373298.463

STA. 1950+40.3 END CONSTR. ON
PROJECT PLH 050-3(40)
0.8' RT OF STA 1958+50.3 (AWP 4001-A)
M.P. 258.4

FOUND G.L.O. BRASS CAP (30)
QUARTER CORNER
X=913108.614
Y=374102.853

THE ALIGNMENT FOR PROJECT AWP 4001-A WITHIN THE PROPOSED CONSTRUCTION LIMITS WAS ESTABLISHED BY ROTATING THE CENTERLINE BEARING 0° 25' CLOCKWISE AND ADJUSTING THE CENTERLINE DISTANCES TO FIT THE PLAN STATIONING OF THE FOUND BRASS CAPS. THE COORDINATES LISTED ARE NAD 1982/93, CENTRAL ZONE.

REVISIONS	

RIGHT OF WAY
COTOPAXI TO PARKDALE
(PINNACLE ROCK)

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO	TOTAL SHEETS
VIII	COLORADO	PLH 050-3(40)	4	5

North 1/2, SEC. 35
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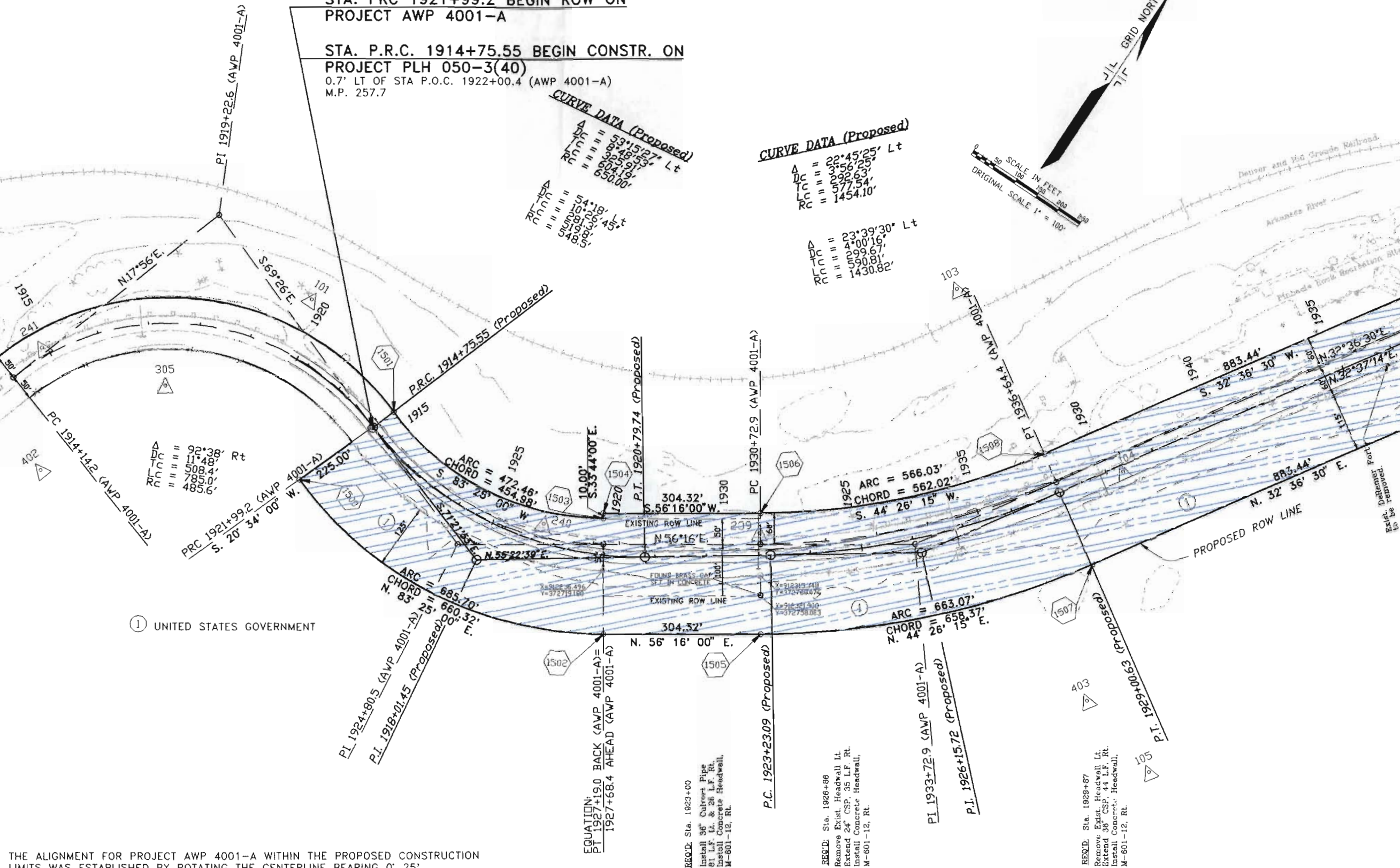
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PROJECT PLH 050-3(40)
0.7' LT OF STA P.O.C. 1922+00.4 (AWP 4001-A)
M.P. 257.7

CURVE DATA (Proposed)
 $\Delta = 53^{\circ}15'27''$ Lt
 $DC = 91.48'$
 $TC = 60.45'$
 $LC = 60.45'$
 $RC = 650.00'$
 $Rt = 54^{\circ}18'10''$
 $DC = 91.48'$
 $TC = 60.45'$
 $LC = 60.45'$
 $RC = 650.00'$

CURVE DATA (Proposed)
 $\Delta = 22^{\circ}45'25''$ Lt
 $DC = 31.56'$
 $TC = 22.63'$
 $LC = 22.63'$
 $RC = 1454.10'$
 $Rt = 23^{\circ}39'30''$ Lt
 $DC = 41.00'$
 $TC = 29.61'$
 $LC = 29.61'$
 $RC = 1430.82'$

SCALE IN FEET
ORIGINAL SCALE 1" = 100'



THE ALIGNMENT FOR PROJECT AWP 4001-A WITHIN THE PROPOSED CONSTRUCTION LIMITS WAS ESTABLISHED BY ROTATING THE CENTERLINE BEARING $0^{\circ} 25'$ CLOCKWISE AND ADJUSTING THE CENTERLINE DISTANCES TO FIT THE PLAN STATIONING OF THE FOUND BRASS CAPS. THE COORDINATES LISTED ARE NAD 1982/93, CENTRAL ZONE.