

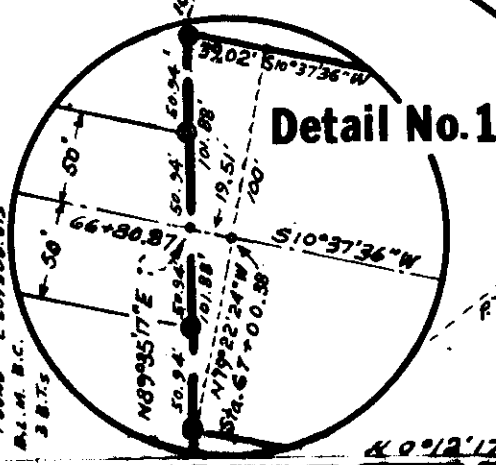
CERTIFICATE OF SURVEY

In Sections 6 & 7 Twp. 29 N., R. 33 W., M.P.M. & Section 12 Twp. 29 N., R. 34 W., M.P.M.

June 1979.



CURVE DATA						COORDINATES	
CURVE	P.I.	Δ	R.	T	L.	NORTH	EAST
1	76 + 11.33	38° 22' 27" L	572.96	199.38	393.74	226478.28	210369.80
2	81 + 83.82	31° 36' 14" R	636.62	180.17	351.19	225999.10	210643.05
3	86 + 23.00	22° 17' 41" L	1041.74	206.28	405.36	225511.16	210612.86
4	93 + 79.34	34° 01' 35" R	700.00	214.19	418.71		
4	Sec. 6	18° 55' 23" R		93 + 96.34	231.19	* BEGINNING Sta. 66 + 80.87 E	
4	Sec. 7	18° 06' 12" R		93 + 96.34	184.52		
5	108 + 07.74	35° 22' 46" R	1800.00	574.10	1111.48	228400.66	210466.48



DESCRIPTION OF ACCESS AND UTILITIES CORRIDOR THROUGH ST. REGIS PROPERTY IN SECTIONS 6 AND 7 OF TWP. 29 N., R. 33 W., M.P.M., AND SECTION 12 OF TWP. 29 N., R. 34 W., M.P.M., LINCOLN COUNTY, MONTANA.

Being a strip of land two hundred (200) feet in width lying one hundred (100) feet, measured at right angles on each side of the centerline described below containing an aggregate of 52.991 acres, more or less, of which 12.468 acres fall in the SE 1/4 of Section 6 Twp. 29 N., R. 33 W., M.P.M., 28.401 acres fall in Section 7 said Township and Range and 12.122 acres fall in Section 12 Twp. 29 N., R. 34 W., M.P.M., EXCEPTING therefrom 4.558 acres, more or less, being that part of that R/W described on Page 305 of Book 64 Lincoln County Records, falling between Station (Equation) 126+25.40 Back=130+47.04 Ahead and Station 160+38.53 of the following description, on the West line of said Section 7, leaving a net area of 48.433 acres, more or less and described as follows:

Beginning at a point on the East-West centerline of Section 6 Twp. 29 N., R. 33 W., M.P.M. at a distance of 1222.13 feet N 89° 35' 17" E from the capped steel rod marking the center quarter corner of said Section 6; thence, from said point of beginning, N 89° 35' 17" E 101.88 feet to the northeast corner of the subject 200 foot strip; thence S 10° 37' 36" W on the easterly right of way line 39.02 feet; thence at right angles to said line, westerly, N 79° 22' 24" W 100 feet to a point on centerline of the subject strip at centerline station 67+00.38 of the subject access road; thence continuing N 79° 22' 24" W 100 feet to a point on the westerly right of way line of the subject strip, which point falls on the east-west centerline of said Section 6; thence, along said east-west centerline N 89° 35' 17" E 101.88 feet to the point of beginning on the centerline of the subject strip; thence a strip of land two hundred (200) feet in width lying one hundred (100) feet, measured at right angles, on each side of the following described centerline:

Beginning at the above described point on centerline of the subject access road at centerline station 67+00.38; thence S 10° 37' 36" W 711.57 feet; thence, on the arc of a curve to the left having a radius of 572.96 feet, turning through an angle of 38° 22' 27" L, a distance of 383.74 feet; thence S 27° 44' 51" E 207.36 feet; thence on the arc of a curve to the right having a radius of 636.62 feet, turning through an angle of 31° 36' 14" R, a distance of 351.15 feet; thence S 5° 51' 23" W 63.32 feet; thence, on the arc of a curve to the left having a radius of 1041.74 feet, turning through an angle of 22° 17' 41" L, a distance of 405.36 feet; thence, S 18° 26' 18" E 342.07 feet; thence on the arc of a curve to the right having a radius of 700 feet, turning through an angle of 18° 55' 23" R a distance of 231.19 feet to a point on the south line of said Section 6 at a distance of 1515.29 feet N 89° 44' 34" E from the NW corner of said Section 6; thence, in the NE 1/4 of Section 7 said Township and Range, continuing on said curve to the right on said Section 6; thence, in the NE 1/4 of Section 7 said Township and Range, continuing on said curve to the right on said Section 6; thence, on the arc of a curve to the right having a radius of 1800 feet, turning through an angle of 35° 22' 46" R, a distance of 1111.48 feet; thence S 30° 58' 03" W 1280.28 feet; thence, on the arc of a curve to the right having a radius of 2618.13 feet, turning through an angle of 4° 22' 29" R, a distance of 199.90 feet; thence S 55° 20' 32" W 56.97 feet to a point on the east-west centerline of said Section 7 at a distance of 2127.11 feet East from the NW corner of said Section 7; thence, in the SE 1/4 of said Section 7, continuing S 55° 20' 32" W 116.42 feet; thence, on the arc of a curve to the left having a radius of 100 feet, turning through an angle of 9° 39' 36" R, a distance of 168.60 feet; thence S 15° 40' 56" W 61.23 feet; thence, on the arc of a curve to the right, having a radius of 100 feet, turning through an angle of 70° 36' 49" R, a distance of 136.21 feet; thence N 63° 22' 19" W 109.86 feet; thence, on the arc of a curve to the left having a radius of 100 feet, turning through an angle of 40° 36' 39" R, a distance of 70.88 feet; thence S 76° 01' 06" W 223.06 feet; thence, on the arc of a curve to the left having a radius of 720 feet, turning through an angle of 15° 07' 29" R, a distance of 190.06 feet; thence S 60° 53' 37" W 350.92 feet; thence, on the arc of a curve to the right having a radius of 200.09 feet, turning through an angle of 36° 42' 41" R, a distance of 128.20 feet; thence, on the arc of a curve to the left having a radius of 100 feet, turning through an angle of 22° 17' 41" L, a distance of 41.12 feet; thence S 49° 14' 01" W 139.42 feet; thence, on the arc of a curve to the left, having a radius of 300 feet, turning through an angle of 24° 08' 54" R, a distance of 126.44 feet; thence S 25° 05' 07" W 131.19 feet; thence, on the arc of a curve to the right having a radius of 300 feet, turning through an angle of 16° 58' 54" R, a distance of 88.92 feet; thence S 42° 04' 03" W 176.11 feet; thence, on the arc of a curve to the left having a radius of 300 feet, turning through an angle of 2° 30' 33" R, a distance of 148.83 feet; thence S 39° 13' 28" W 247.21 feet to a point on the west line of said Section 7 at a distance of 1339.15 feet S 0° 08' 49" E from the NW corner of said Section 7; thence in the SE 1/4 of Section 12 Twp. 29 N., R. 34 W., M.P.M., continuing S 39° 13' 28" W 158.76 feet; thence, on the arc of a curve to the left having a radius of 1500 feet, turning through an angle of 8° 06' 45" R, a distance of 212.38 feet; thence S 31° 06' 43" W 665.92 feet; thence, on the arc of a curve to the right having a radius of 200 feet, turning through an angle of 47° 28' 27" R, a distance of 165.72 feet; thence S 78° 35' 10" W 127.50 feet; thence, on the arc of a curve to the left having a radius of 950 feet, turning through an angle of 12° 58' 23" R, a distance of 215.10 feet; thence S 65° 36' 47" W 172.80 feet; thence, on the arc of a curve to the right having a radius of 600 feet, turning through an angle of 35° 37' 27" R, a distance of 373.06 feet; thence N 78° 45' 46" W 265.52 feet; thence, on the arc of a curve to the left having a radius of 100 feet, turning through an angle of 67° 00' 13" R, a distance of 116.94 feet; thence S 34° 14' 01" W 100.03 feet to a point on the centerline of said access road at Station 186+29.77 thence from said station, at right angles westerly, N 55° 45' 59" W 100 feet; thence S 34° 14' 01" W 132.92 feet to the southwest corner of said access strip, a point on the south line of said Section 12 at a distance of 2129.44 feet N 89° 22' 28" W from the southeast corner of said Section 12; thence, along said south line S 89° 22' 28" E 110.14 feet to the southeast corner of said access strip; thence N 55° 45' 59" W 100 feet to a centerline station 186+29.77. END = 186 + 96.23

PURPOSE OF SURVEY

The purpose of this survey is to locate the boundaries of a 200.00 foot wide corridor 100.0 feet on each side of the designed centerline of the ASARCO Troy Project Access Road as shown hereon to provide for conveyance of right of way for road and utilities.

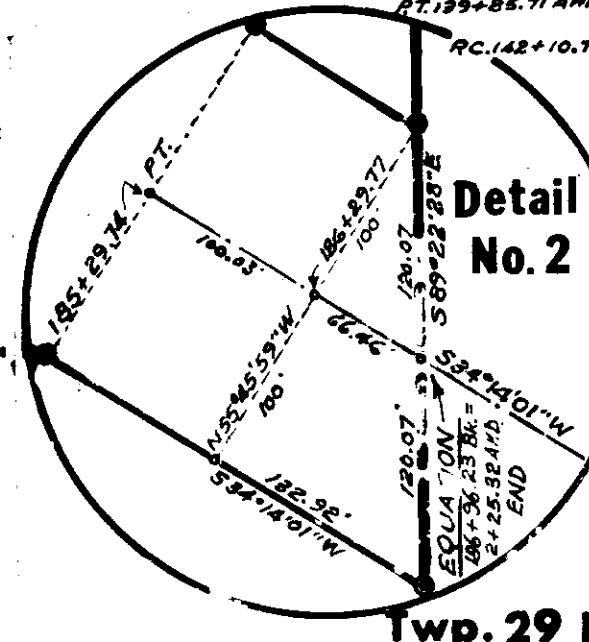
BASIS FOR BEARINGS

Bearings were based on the bearing of the south half of the west line of Section 7 Twp. 29 N., R. 33 W., M.P.M. assumed to bear N 0° 08' 49" W as related to extensive control in the area.

LEGEND

Set 5/8" X 24" Steel Rod with Yellow Cap Stamped: J.H.N. 14661 S.

CURVE DATA						COORDINATES		
CURVE	P.I.	Δ	R.	T	L.	NORTH	EAST	
6	131 + 47.04	4° 22' 29" R	2618.13	100.00	199.90	222163.85	208948.84	
7	135 + 04.85	9° 37' 36" L	1066.00	84.50	168.60	221966.38	208654.02	
8	137 + 28.27	70° 36' 49" R	110.00	78.99	136.21	221809.80	208493.61	
9	139 + 31.83	40° 36' 39" L	100.00	37.00	76.88	221910.16	208292.31	
10	143 + 06.36	15° 07' 29" L	720.00	95.59	190.06	221824.35	207945.26	
11	148 + 19.12	36° 42' 41" R	200.00	66.39	128.20	221574.86	207427.13	
12	149 + 25.84	48° 22' 12" L	160.00	44.91	84.42	221529.59	207386.81	
13	151 + 78.77	24° 08' 54" L	300.00	64.17	126.44	221427.33	207198.61	
14	154 + 18.90	16° 58' 54" R	300.00	44.79	86.92	221209.83	207096.79	
15	157 + 16.72	8° 06' 45" L	300.00	74.43	148.83	221070.53	206898.92	
16	163 + 03.62	8° 06' 45" L	150.00	106.37	212.38	220556.05	206527.89	
17	171 + 63.95	47° 28' 27" R	200.00	84.95	165.72	219795.53	206083.40	
18	174 + 87.57	12° 58' 23" L	950.00	108.01	215.10	219735.54	205766.33	
19	175 + 61.04	35° 37' 27" R	600.00	192.79	373.06	219540.00	205385.00	
20	184 + 78.97	67° 00' 13" L	100.00	66.19	116.94	219647.21	204820.56	
						186 + 96.23 END	219449.84	204689.51



Twp. 29 N., R. 33 W., M.P.M. Twp. 29 N., R. 34 W., M.P.M.

ACCESS CORRIDOR For ASARCO Inc. Troy Project

Scale 0 200 400 600 800 1200 1600 2000 FEET

MINNEMAN ENGINEERING TROY, MONTANA

APPROVED: *[Signature]*
Examining Land Surveyor
Registration No. 4232-S

APPROVED: *[Signature]*
Chairman Board of Commissioners

ATTESTED: _____
County Clerk and Recorder

Dated this _____ day of _____, 1979.

STATE OF MONTANA COUNTY OF LINCOLN

Filed on this 24th day of October, 1979
at 1:55 o'clock P.M.

[Signature]
County Clerk and Recorder

by *[Signature]*
Deputy

Certificate of Survey No. 696



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