

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

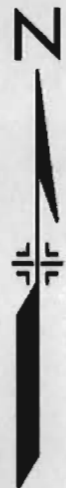
RIGHT OF WAY
AT BUST (SURVEY)

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	CX 04-0024-45	1	3
REVISIONS				

RIGHT OF WAY PLAN OF PROPOSED COLORADO PROJECT NO. CX 04-0024-45 STATE HIGHWAY NO. 24 EL PASO COUNTY RIGHT OF WAY

CONVENTIONAL SIGNS

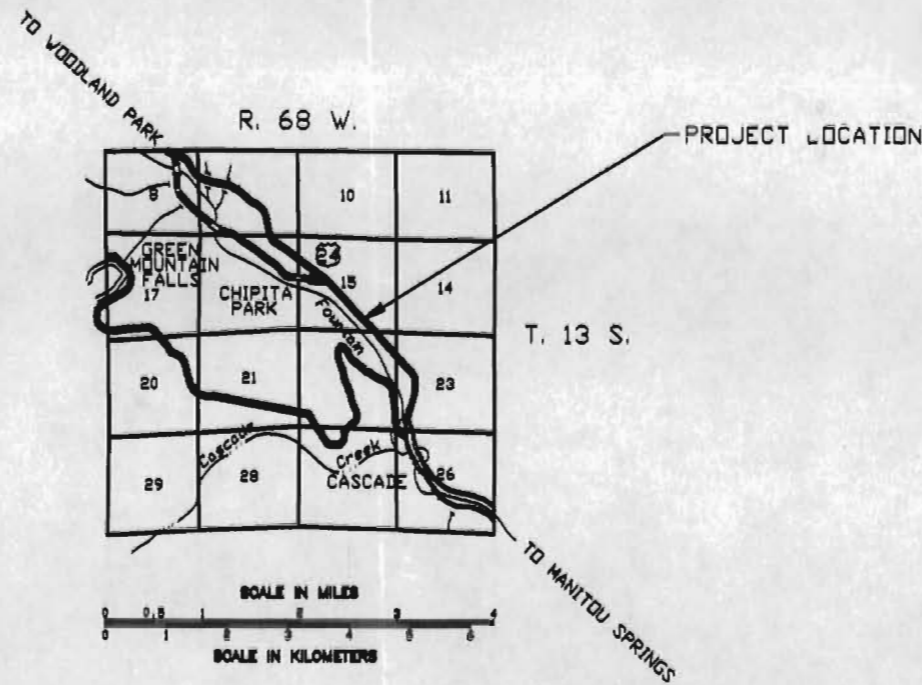
County Line	-----
Township or Range Line	-----
Land Lines Section Line 1/4 Section Line 1/16 Section Line	-----
Property or Tract Line	-----
City Limits	-----
Railroad	+++++
Existing Road	=====
New Road	=====
Control of Access	-----
Access denied by Deed	-----
Right of Way Line	-----
Protected by Freeway (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	○ Exst. ● New ○ Relocated ✕ To be Removed
Electric Lines	○ Exst. ● New ○ Relocated ✕ To be Removed
Elec. Trans. Tower	■ Exst. ■ New ○ Relocated ✕ To be Removed
Buried Tel. Cable	--- Exst. --- New ---
Buried Electric Cable	--- Exst. --- New ---
Gas Main	--- Exst. --- New ---
Oil Main	--- Exst. --- New ---
Water Main	--- Exst. --- New ---
Sanitary Sewers	--- Exst. --- New ---
Storm Sewers	--- Exst. --- New ---
Road Approaches	New Existing
Section Corner	Center of Section
Culverts & Drains	Proposed Existing
Bridges	Proposed Existing (to be dashed)



SCALES OF ORIGINAL DRAWINGS
PLAN SHEET 1" = 100'

INDEX OF SHEETS

1	TITLE SHEET
2	CONTROL DIAGRAM SHEET
3	PLAN SHEET



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 this right-of-way plan delineates a portion of the property acquired by the Colorado Department of Transportation under Federal Aid Project F 024-2(1), Section 1 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.

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

NAME: _____

PLS NUMBER: _____

DATE: _____

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

NAME: _____

PLS NUMBER: _____

DATE: _____

FILING CERTIFICATION 19____ AT _____ M. FOR INFORMATION
 DEPOSITED THIS _____ DAY OF _____ OF THE COUNTY LAND SURVEYS / RIGHT OF WAY
 ONLY. IN BOOK _____ RECEPTION NUMBER _____ DEPT.
 SIGNED _____



COLORADO DEPARTMENT OF TRANSPORTATION

DRAWN BY: Lucas L.S.I.T. 831
 Larry R. Lucas SUBACCOMPT : 92441
 DATE : April 27, 1994

CONTROL DIAGRAM SHEET

REGION 2



FIELD SURVEY UNIT

REVISIONS

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
VIII	COLO.	CX 04-0024-45	2	3

LOCATION: BUST PIT
 EL PASO COUNTY
 TOWNSHIP 13 SOUTH, RANGE 68 WEST
 OF THE 6th P.M.

GENERAL NOTES

- 1.) This Control Survey is for the use of the Colorado Department of Transportation. This survey is NOT a complete Land or Right of Way survey, nor is this Control Diagram Sheet a Land or Right of Way Survey Plat.
- 2.) 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.
- 3.) No guarantee as to the accuracy of the information contained hereon is implied or expressed unless this copy bears an original signature and seal of Registered Land Surveyor named.
- 4.) All coordinates listed are MODIFIED PROJECT COORDINATES based on datum of NAD83/92 and the Colorado State Plane Coordinate System - Central Zone.
- 5.) Field survey control precision computed to meet or exceed Colorado Department of Transportation Survey Manual Minimum Horizontal Control Tolerance for a type "B" survey requirements (+/- 0.25 Ft. at 95% certainty).

BASIS OF BEARING

BASIS OF BEARINGS: The bearings referenced on this survey can be determined from any monuments set or found as shown on the Control Diagram Sheet. The basis of bearing for project reference is a line from C.D.O.T. Control Point 2917 and C.D.O.T. Control Point 2921, (both points being 3 1/4" aluminum caps on 3/4" aluminum rods). Having a modified grid bearing of S. 44°13'43" E. at a distance of 1164.62'. Based upon a Global Positioning Systems (GPS) survey, observed Aug. - Sept 1992.

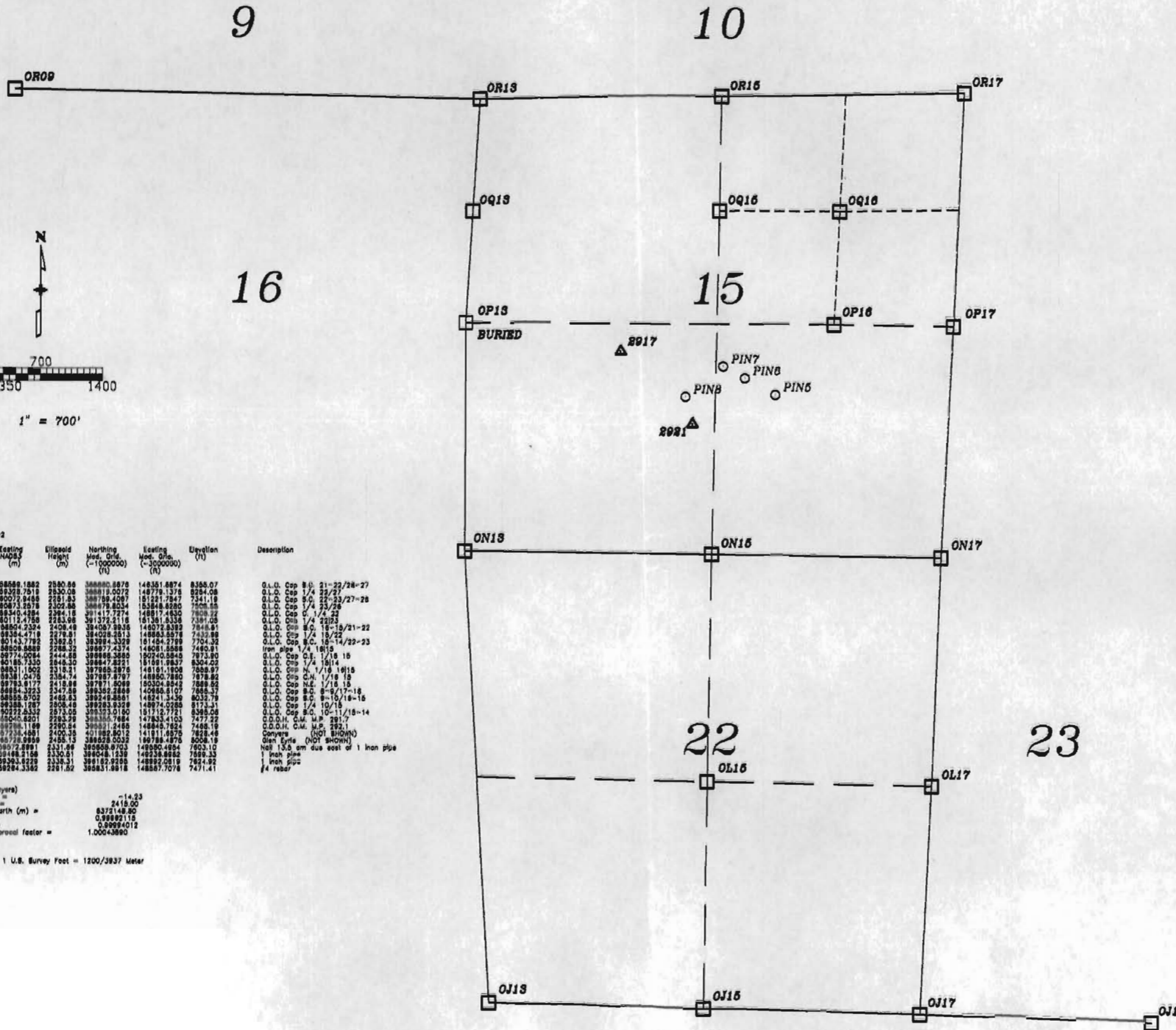
SURVEY SYMBOL TABLE

- ▲ C.D.O.T. CONTROL POINTS (TYPE 2 MONUMENTS)
- MISCELLANEOUS POINTS
- ALIQUOT CORNERS

SURVEYOR CERTIFICATE

I hereby state that this survey was performed under my supervision and checking, for and on the behalf of the Colorado Department of Transportation, State of Colorado, and is not a Land Survey Plat or a Right of Way Survey Plat, and to the best of my knowledge and belief, the information presented here is true and correct.

DATE _____



G.P.S. Survey in T 13 S, R 68 W of the 6th P.M. Aug - Sep 92

Point	N. Latitude	W. Longitude	Northing NAD83 (m)	Eastng NAD83 (m)	Ellipsoid Height (m)	Northing Mod. Grid (-1000000) (m)	Eastng Mod. Grid (-3000000) (m)	Elevation (ft)	Description
OR09	38-53-53.971548	104-58-26.177718	423148.0185	888589.1882	2580.58	388880.8878	148351.8874	8388.07	G.L.C. Cap 8.0: 21-22/28-27
OR13	38-53-53.224737	104-58-56.480197	423127.1698	893228.7519	2530.08	388819.0072	148776.1376	8284.08	G.L.C. Cap 1/4 22/27
OR15	38-53-52.487138	104-58-24.810499	423109.0118	890072.8488	2251.83	388758.4267	151221.7847	7341.18	G.L.C. Cap 8.0: 22-23/27-28
OR16	38-53-51.558888	104-57-51.403843	423084.7980	890873.2578	2302.88	388879.8034	153848.8280	7508.88	G.L.C. Cap 1/4 23/28
OR17	38-53-49.888888	104-58-54.818180	422918.8138	893340.4284	2294.18	389117.7274	148817.4830	7828.22	G.L.C. Cap 8.0: 1/4 22/28
OR18	38-53-48.104983	104-58-22.778328	422905.0437	891121.4788	2153.88	389132.2118	151381.8338	7381.08	G.L.C. Cap 1/4 22/28
OR19	38-53-46.138489	104-58-29.338980	422723.3186	898804.2324	2408.48	384087.8838	148072.8382	7848.81	G.L.C. Cap 8.0: 18-19/21-22
OR20	38-53-44.588888	104-58-24.048888	422714.2840	898384.4718	2279.81	384028.2513	148883.5578	7432.88	G.L.C. Cap 1/4 18/22
OR21	38-53-44.708389	104-58-21.288811	422703.8732	891143.7782	2382.61	383984.3329	151484.2789	7704.32	G.L.C. Cap 8.0: 18-14/22-23
OR22	38-53-44.018888	104-58-29.041288	422521.3733	898808.8889	2288.32	388977.4374	148081.8888	7480.81	Iron pipe 1/4 18/18
OR23	38-53-44.088888	104-58-28.448888	422518.8188	897741.0084	2444.88	388888.3888	150240.8845	7973.80	G.L.C. Cap 8.0: 1/18 18
OR24	38-53-44.188389	104-58-19.388188	422512.3855	891885.7330	2848.30	388877.2221	151881.8837	8304.25	G.L.C. Cap 1/4 18/14
OR25	38-53-43.738781	104-58-27.847888	422513.7388	898831.1502	2318.21	387885.2876	148181.8808	7888.87	G.L.C. Cap N. 1/18 18/18
OR26	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	G.L.C. Cap C.W. 1/18 18
OR27	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	G.L.C. Cap N.E. 1/18 18
OR28	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	G.L.C. Cap S.E. 8-9/17-18
OR29	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	G.L.C. Cap S.W. 8-10/18-16
OR30	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	G.L.C. Cap S.W. 10-11/18-14
OR31	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	C.D.O.T. C.M. W.P. 2917
OR32	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	C.D.O.T. C.M. M.S. 2921
OR33	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	Conyers (NOT SHOWN)
OR34	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	Iron pipe
OR35	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR36	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR37	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR38	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR39	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR40	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR41	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR42	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR43	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR44	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR45	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR46	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR47	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR48	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR49	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe
OR50	38-53-43.888888	104-58-22.888423	422514.4874	898381.0475	2384.74	387887.8787	148880.7880	7878.82	1/4 inch pipe

Combined respread factor based on:
 Pnt 8888 (Conyers) = -14.23
 Geoid Ht. (m) = 2419.00
 Elevation (m) = 8372148.80
 Mean radius earth (m) = 6378137.0
 Elev. factor = 0.9999118
 Scale factor = 0.99994012
 Combined respread factor = 1.00043890

Conversions from meters to feet based on:
 1 U.S. Survey Foot = 1200/3937 Meter

