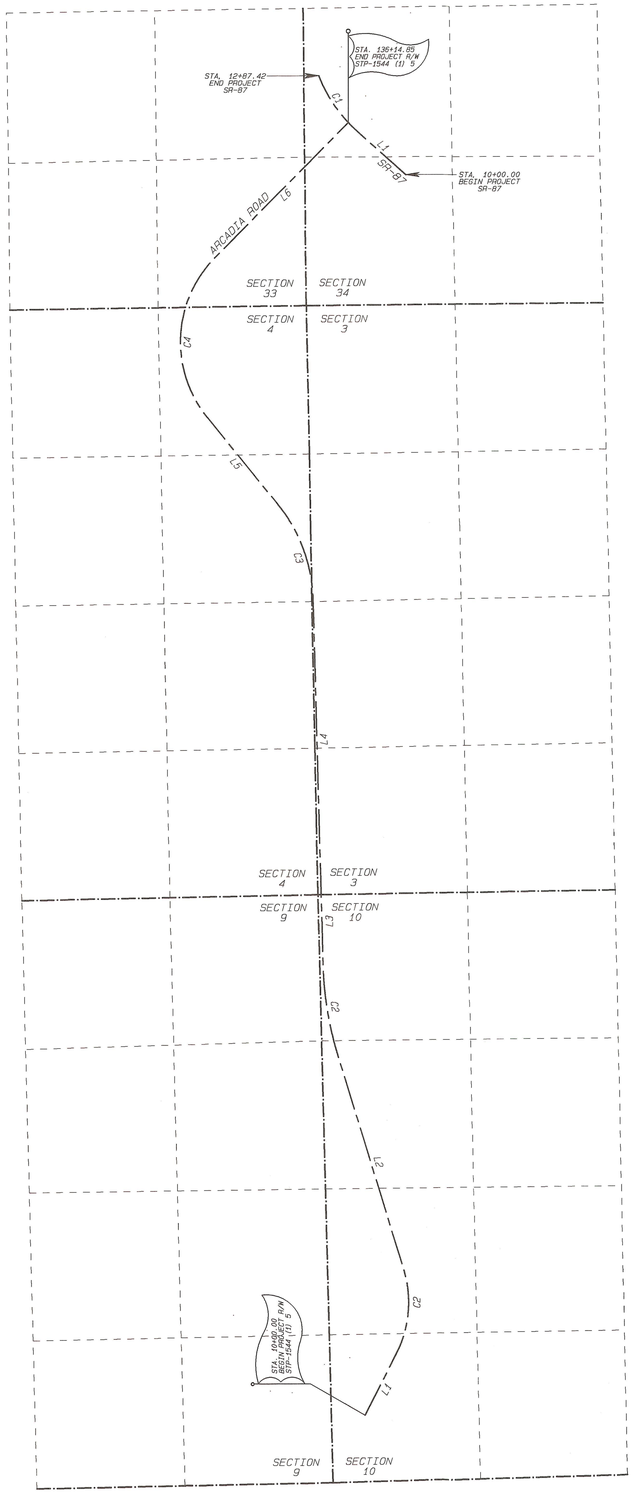


SCALE 1"=600'

0 600 1200

N W E S

◆ = ROAD CENTERLINE SEGMENT END.

◆ = SET RIGHT OF WAY MONUMENTS.

△ = PROJECT CONTROL POINTS.

ARCADIA ROAD CENTERLINE DATA

LINE OR CURVE	CHORD BEARING	ARC	RADIUS	DELTA	CHORD	TANGENT	MIDDLE ORDINATE	DEGREE OF CURVE
L1	N27°02'41"E	616.15'						
C1	N05°01'11"E	768.81'	1000.00'	44°02'59"	750.02'	404.53'	72.98'	5°43'46"
L2	N17°00'18"W	1998.46'						
C2	N09°15'58"W	810.42'	3000.00'	15°28'40"	807.95'	407.69'	27.32'	1°54'35"
L3	N01°31'38"W	755.42'						
L4	N01°31'12"W	2501.56'						
C3	N20°19'10"W	918.72'	1400.00'	37°35'57"	902.33'	476.59'	74.69'	4°05'33"
L5	N39°07'09"W	997.57'						
C4	N02°49'42"E	1559.41'	1065.00'	83°53'39"	1423.79'	957.15'	272.89'	5°22'48"
L6	N44°46'32"E	1688.33'						

SR-87 ROAD CENTERLINE DATA

LINE OR CURVE	CHORD BEARING	ARC	RADIUS	DELTA	CHORD	TANGENT	MIDDLE ORDINATE	DEGREE OF CURVE
L1	N48°04'49"W	580.47'						
C1	N34°42'18"W	606.95'	1300.00'	26°45'02"	601.45'	309.11'	35.26'	4°24'27"

PROJECT COORDINATES

SYMBOL	POINT No.	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
◆	1	693,947.8264	2,359,073.9102		10+00.00	0.00	BEGINNING OF PROJECT CENTERLINE
◆	2	694,856.9000	2,359,538.0000				POINT OF INTERSECTION
◆	3	697,544.7000	2,358,716.0000				POINT OF INTERSECTION
◆	4	698,707.4000	2,358,685.0000		59+49.27	0.00	POINT OF INTERSECTION
◆	5	701,684.5000	2,358,606.0000				POINT OF INTERSECTION
◆	6	703,570.8000	2,357,072.0000				POINT OF INTERSECTION
◆	7	705,448.7524	2,358,935.2942		136+14.85	0.00	END OF PROJECT CENTERLINE
◆	8	694,496.6036	2,359,354.0656		16+16.15	0.00	POINT OF CURVE ON CENTERLINE.
◆	9	695,243.7446	2,359,419.6927		23+84.96	0.00	POINT OF TANGENT ON CENTERLINE.
◆	10	697,154.8345	2,358,935.2311		43+83.43	0.00	POINT OF CURVE ON CENTERLINE.
◆	11	697,952.3452	2,358,705.1340		51+93.84	0.00	POINT OF TANGENT ON CENTERLINE.
◆	12	701,208.0797	2,358,618.6422		84+50.83	0.00	POINT OF CURVE ON CENTERLINE.
◆	13	702,054.2541	2,358,305.3041		93+69.55	0.00	POINT OF TANGENT ON CENTERLINE.
◆	14	702,828.2048	2,357,675.9024		103+67.12	0.00	POINT OF CURVE ON CENTERLINE.
◆	15	704,250.2573	2,357,746.1539		119+26.53	0.00	POINT OF TANGENT ON CENTERLINE.
◆	16	694,951.2891	2,358,463.4136				RADIUS POINT FIRST CURVE
◆	17	698,032.2018	2,361,704.0683				RADIUS POINT SECOND CURVE
◆	18	701,170.9441	2,357,219.1349				RADIUS POINT THIRD CURVE
◆	19	703,500.1475	2,358,502.1699				RADIUS POINT FORTH CURVE
◆	20	704,983.3400	2,358,446.5540		1+00.00	0.00	BEGINNING OF PROJECT CENTERLINE SR-87
◆	21	705,577.6581	2,358,784.6343				POINT OF INTERSECTION SR-87.
◆	22	705,371.1445	2,359,014.6381		6+80.47	0.00	POINT OF CURVE ON CENTERLINE SR-87.
◆	23	706,338.4505	2,359,883.1535				RADIUS POINT SR-87.
◆	24	705,865.5958	2,358,672.2000		12+87.42	0.00	END OF PROJECT CENTERLINE AND POINT OF COMPOUND CURVE SR-87.
◆	25	694,776.9185	2,359,378.1095		19+00.00	67.85 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	26	694,788.5444	2,359,318.0566		19+00.00	130.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	27	694,879.0822	2,359,280.2285		20+00.00	180.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	28	694,961.4615	2,359,323.3537		21+00.00	140.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	29	694,962.2737	2,359,392.0189		21+00.00	71.33 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	30	697,586.7311	2,358,686.7755		48+34.07	50.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	31	697,721.6262	2,358,766.2994		49+57.83	45.86 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	32	698,665.4139	2,358,636.1017		59+08.60	50.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	33	698,739.4040	2,358,634.1331		59+82.61	50.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	34	699,883.8011	2,358,603.7656		71+27.41	50.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	35	700,056.0651	2,358,599.1909		73+00.00	60.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	36	700,256.2600	2,358,593.8820		75+00.00	50.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	37	701,190.0076	2,358,674.1412		84+31.29	55.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	38	701,190.1829	2,358,684.1400		84+31.20	65.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	39	701,206.7534	2,358,568.6598		84+50.83	50.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	40	702,095.2648	2,358,355.7334		93+69.55	65.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	41	702,187.0716	2,358,261.8681		95+00.00	50.10 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	42	702,730.0369	2,357,820.0663		102+00.00	49.91 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	43	702,666.9497	2,357,742.4905		102+00.00	50.08 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	44	702,872.3702	2,357,730.2109		103+67.12	70.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	45	702,784.0394	2,357,621.5939		103+67.12	70.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	46	703,187.6298	2,357,557.5231		107+53.99	70.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	47	703,422.4706	2,357,369.8310		110+21.31	70.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	48	703,725.7357	2,357,349.0286		113+00.00	110.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	49	703,898.4939	2,357,354.3262		114+50.00	150.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	50	704,151.6551	2,357,482.6714		117+00.00	145.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	51	704,175.8812	2,357,547.0344		117+50.00	105.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	52	704,300.2730	2,358,133.8683		122+35.11	240.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	53	704,624.8243	2,357,969.8832		123+50.00	105.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	54	704,667.6382	2,358,068.7111		124+50.00	65.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	55	704,779.7537	2,358,168.6818		126+00.00	73.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	56	704,630.2853	2,358,461.3048		127+00.00	240.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	57	704,887.3660	2,358,202.2016		127+00.00	125.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	58	704,803.6775	2,358,499.5166		128+50.00	145.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	59	705,011.4551	2,358,290.1044		128+50.00	150.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	60	705,251.7353	2,358,615.8486		132+50.00	88.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	61	705,141.5066	2,358,750.1865		132+66.37	85.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	62	705,366.9157	2,358,938.6185		135+59.10	60.00 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	63	705,456.8855	2,358,847.5718		135+58.84	68.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	64	705,358.9042	2,358,976.7063		135+80.24	92.68 RT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	65	705,583.5916	2,358,763.9175		10+00.00	50.00 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	66	705,725.7331	2,358,700.4097		11+50.00	32.03 LT.	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
△	67	694,853.2234	2,359,495.3962		19+93.43	36.63 RT.	5/8" REBAR
△	68	694,883.2986	2,359,307.7877		20+07.82	152.89 LT.	1/2" REBAR
△	69	697,206.2421	2,358,904.8327		44+13.04	81.45 RT.	5/8" REBAR WITH PLASTIC CAP.
△	70	700,045.8813	2,358,564.3251		72+90.48	85.13 LT.	5/8" REBAR WITH PLASTIC CAP.
△	71	701,139.3638	2,358,604.7689		83+82.50	15.69 LT.	MAGNAIL WITH ALUMINUM WASHER.
△	72	701,730.2014	2,358,581.7865	5,464.33	89+58.93	72.95 RT.	5/8" REBAR WITH PLASTIC CAP.
△	73	702,494.7586	2,357,908.0900	5,482.35	99+61.93	30.24 LT.	5/8" REBAR
△	74	703,320.5430	2,357,294.1500	5,498.26	109+37.06	156.30 LT.	5/8" REBAR WITH PLASTIC CAP IN JOINT OF CONCRETE PAD.
△	75	704,221.3185	2,357,506.9630	5,541.11	117+62.09	164.03 LT.	5/8" REBAR
△	76	704,270.2333	2,357,687.8508	5,566.21	119+00.98	55.78 LT.	5/8" REBAR
△	77	704,949.9417	2,358,183.0027	5,711.73	127+30.90	182.70 LT.	5/8" REBAR
△	78	704,944.2518	2,358,245.0847	5,712.50	127+70.59	134.62 LT.	5/8" REBAR
△	79	706,028.6478	2,358,601.2132	5,722.51			MAGNAIL WITH ALUMINUM WASHER.
△	80	705,156.1882	2,359,308.9089	5,706.09	3+17.90	36.65 RT.	5/8" REBAR ON DITCH BANK
△	81	704,187.3863	2,359,606.2563				5/8" REBAR WITH PLASTIC CAP ON POINT OF HILL BY POWER POLES.
△	82	703,859.6388	2,360,440.0632				5/8" REBAR WITH PLASTIC CAP ON POINT OF HILL.

SURVEY PLAT

FOR

THE UTAH DEPARTMENT OF TRANSPORTATION PROJECT No. STP-1544(1)5 ARCADIA ROAD RECONSTRUCTION.

SHEET 1 OF 6

LOCATED IN SECTIONS 3, 4, 9 & 10 OF TOWNSHIP 3 SOUTH, RANGE 3 WEST, AND SECTIONS 33 & 34 OF TOWNSHIP 2 SOUTH, RANGE 3 WEST, UINTAH SPECIAL MERIDIAN.

SURVEYOR'S NARRAITVE

The primary purpose of this plat is to place on record forty two (42) new Right of Way markers, set during the project named hereon. The intent of the markers are to delineate the outer lines of right of way acquired by Duchesne County for road realignment and widening. The right of way acquisition was performed by a Utah Department of Transportation - right of way engineering consultant known as Horrocks Engineers. The forty two new Right of Way markers were set by myself, Dan Peatross, as per plan coordinates. All initial survey control, the basis of bearings for this project, and data shown hereon were provided by the consultant firm named above. All controlling corner and boundary determinations as shown hereon are strictly the work of the Utah Department of Transportation, or their consultants.

I had some difficulty fitting the plan alignment for SR-87 to the existing conditions of the road during construction layout. I attempted to determine what the alignment was through the curve but was not able to come up with a satisfactory solution that would fit. Although the old original plans from 1949 do not indicate anything unusual in the alignment data, the physical centerline indicates either a series of compound curves or a warped original layout. This seems to also apply to existing right of way markers and fences through that curve.

In regard to the existing right of way on sheets 5 and 6 being formally vacated by Duchesne County, I have not as yet seen any documentation recorded in the Duchesne County Recorder's Office. As mentioned earlier, the data provided here comes from information given within the construction plan-set right of way sheets. The only indication of an intent by Duchesne County to vacate any unused portion of the existing, or old right of way is by a line drawn from 114+55.67, 136.41 feet right to 119+59.71, 100.00 feet right, with a note placed along the line stating "FUTURE RIGHT OF WAY".

SURVEYOR'S CERTIFICATE

I, Daniel W. Peatross, do hereby certify that I am a Registered Land Surveyor, and that I hold certificate No. 259966, as prescribed by the laws of the State of Utah. I further certify that I have performed the construction survey for the project named "Arcadia Road" according to the plans and data provided me, and that said construction survey is correct and true to the best of my knowledge and belief.

Registered Land Surveyor # 259966 DANIEL W. PEATROSS 2-1-1998 STATE OF UTAH

Daniel W. Peatross, Professional Land Surveyor
Utah License Number 259966

County Surveyor File # 1968 1 of 6

REGISTERED SURVEYORS CORP.

61 EAST 300 NORTH, P.O. BOX 564, DUCHESNE, UTAH 84021
(435) 738-2718

DATE RESEARCHED: N/A	RESEARCHED BY: N/A	PROJECT No.: 05018
DATE SURVEYED: JUNE 2005 - NOVEMBER 2007	SURVEYED BY: D. PEATROSS	SHEET: 1 OF: 6
DATE DRAFTED: JANUARY 2008	DRAFTED BY: D. PEATROSS	DATE PLOTTED: 2/29/08

DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 15051
PRINTING SIDE OF PAPER ON THIS LINE
DRAWING NUMBER 1968 1046
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 15051
PRINTING SIDE OF PAPER ON THIS LINE
DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 15051
PRINTING SIDE OF PAPER ON THIS LINE
DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 15051
PRINTING SIDE OF PAPER ON THIS LINE

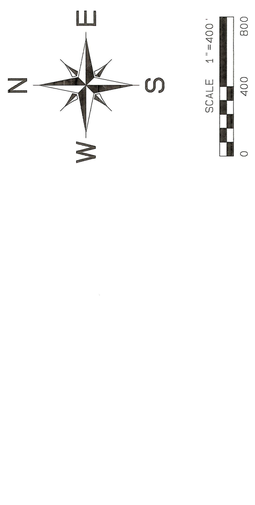
SURVEY PLAT

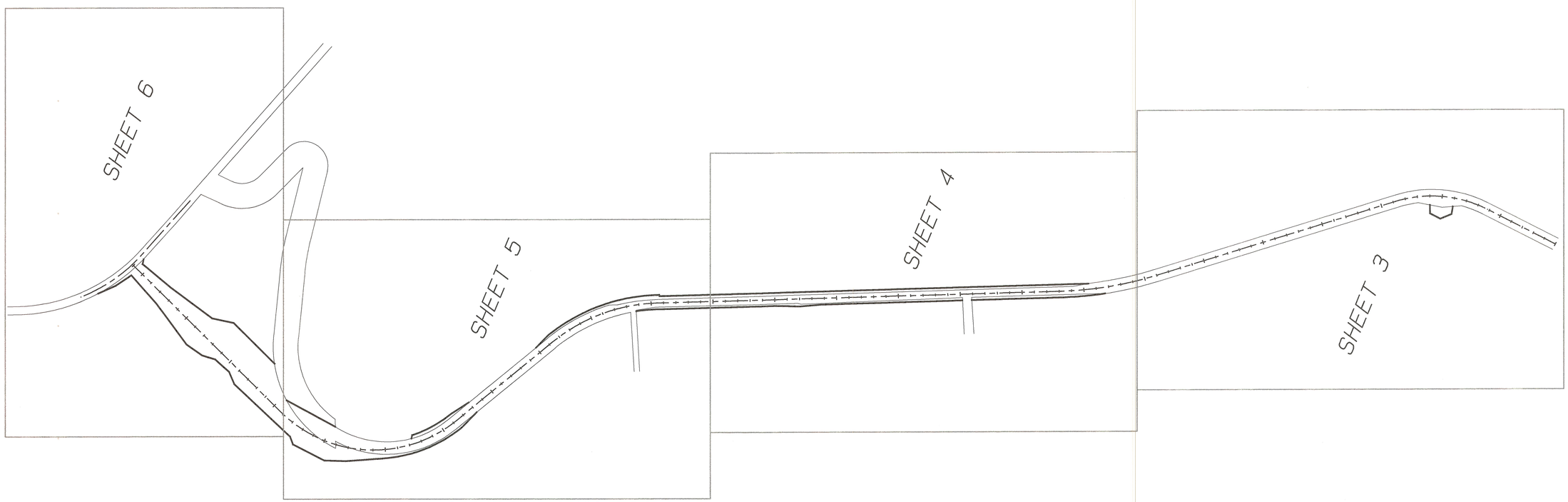
FOR

THE UTAH DEPARTMENT OF TRANSPORTATION
PROJECT No.
STP-1544(1)5
ARCADIA ROAD
RECONSTRUCTION.

CROSS REFERENCE INDEX SHEET

SHEET 2 OF 6





County Surveyor File # 1968 2 of 6

REGISTERED SURVEYORS CORP.
61 EAST 300 NORTH, P.O. BOX 564, DUCHESNE, UTAH 84021
(435) 738-2718

DATE RESEARCHED: N/A	RESEARCHED BY: N/A	PROJECT No.: 05018
DATE SURVEYED: JUNE 2005 - NOVEMBER 2007	SURVEYED BY: D. PEATROSS	SHEET: 2 OF: 6
DATE DRAFTED: JANUARY 2008	DRAFTED BY: D. PEATROSS	DATE PLOTTED: 2/29/08

DRAWING NUMBER 1968 2 of 6
SAFCO PRODUCTS • NEW HOPE, MINNESOTA REORDER BY PART NUMBER 6053
DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA REORDER BY PART NUMBER 6053
DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA REORDER BY PART NUMBER 6053
DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA REORDER BY PART NUMBER 6053

DRAWING NUMBER

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6551

DRAWING NUMBER

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6551

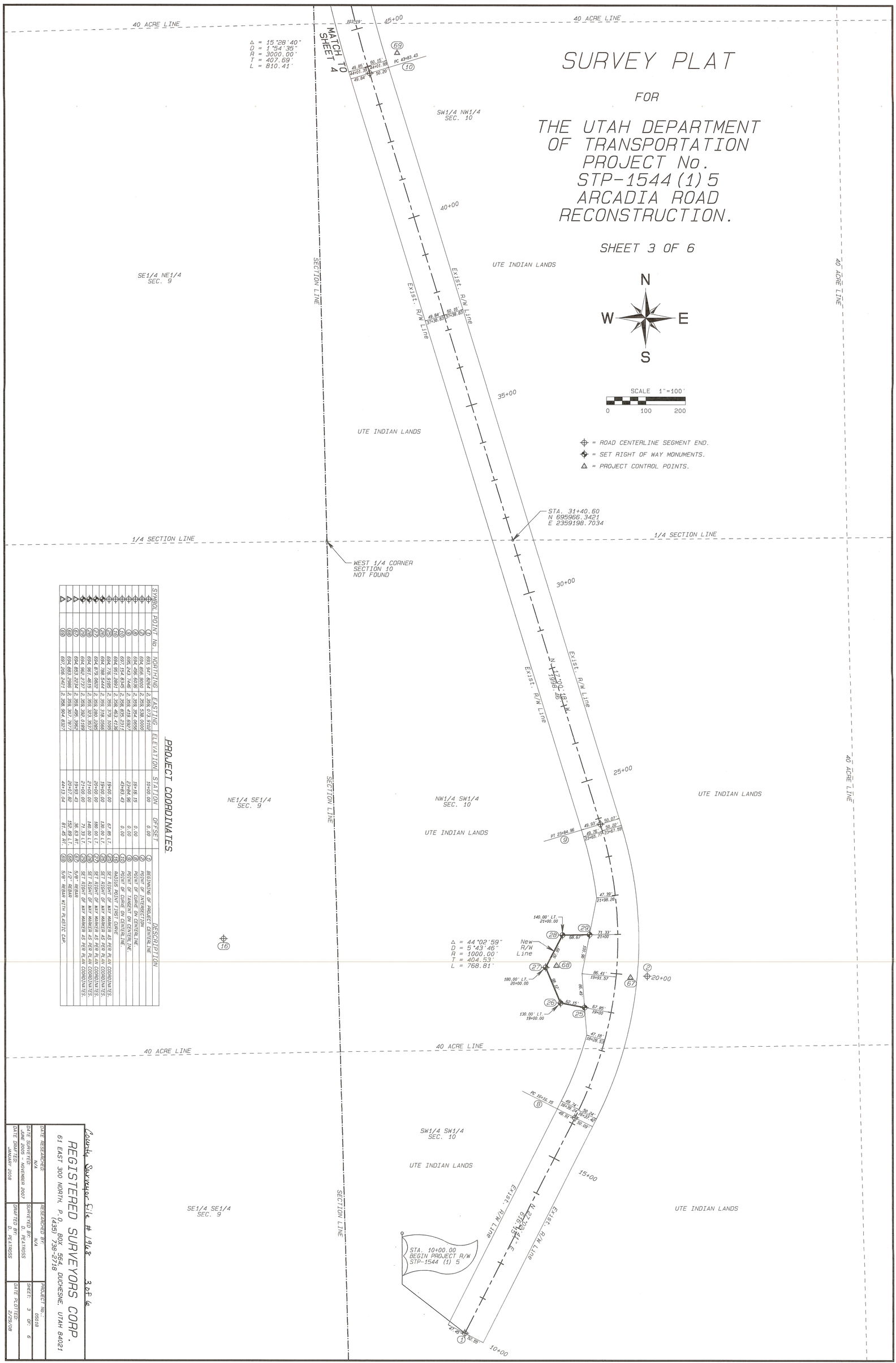
DRAWING NUMBER

1968 3 of 6

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6551

DRAWING NUMBER

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6551



PROJECT COORDINATES

SYMBOL	POINT No.	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
⊕	(1)	693,947.8264	2,359,073.9102		10+00.00	0.00	(1) BEGINNING OF PROJECT CENTERLINE
⊕	(2)	694,856.9000	2,359,538.0000				(2) POINT OF INTERSECTION
⊕	(3)	694,486.6036	2,359,354.0656		19+16.15	0.00	(3) POINT OF CURVE ON CENTERLINE.
⊕	(4)	695,243.7446	2,359,418.6927		23+84.96	0.00	(4) POINT OF TANGENT ON CENTERLINE.
⊕	(5)	697,154.8345	2,359,835.2311		43+83.43	0.00	(5) POINT OF CURVE ON CENTERLINE.
⊕	(6)	694,951.2891	2,359,463.4136				(6) RADIUS POINT FIRST CURVE
⊕	(7)	694,776.9185	2,359,379.1095		19+00.00	67.86 LT.	(7) SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
⊕	(8)	694,788.5444	2,359,318.0566		19+00.00	130.00 LT.	(8) SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
⊕	(9)	694,879.0822	2,359,280.2285		20+00.00	180.00 LT.	(9) SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
⊕	(10)	694,961.4615	2,359,323.3637		21+00.00	140.00 LT.	(10) SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
⊕	(11)	694,962.2737	2,359,350.0189		21+00.00	71.33 LT.	(11) SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
△	(12)	694,853.2234	2,359,459.3962		19+00.43	36.63 RT.	(12) 5/8" REBAR
△	(13)	694,883.2986	2,359,307.7877		20+07.82	152.89 LT.	(13) 1/2" REBAR
△	(14)	697,206.2421	2,359,904.8327		44+13.04	81.45 RT.	(14) 5/8" REBAR WITH PLASTIC CAP.

County Surveyor File # 1968 3 of 6

REGISTERED SURVEYORS CORP.
61 EAST 300 NORTH, P.O. BOX 564, DUCHESNE, UTAH 84021
(435) 738-2718

DATE RESEARCHED: N/A	RESEARCHED BY: N/A	PROJECT No.: 050.18
DATE SURVEYED: JUNE 2005 - NOVEMBER 2007	SURVEYED BY: D. PEATROSS	SHEET: 3 OF: 6
DATE DRAFTED: JANUARY 2008	DRAFTED BY: D. PEATROSS	DATE PLOTTED: 2/29/08

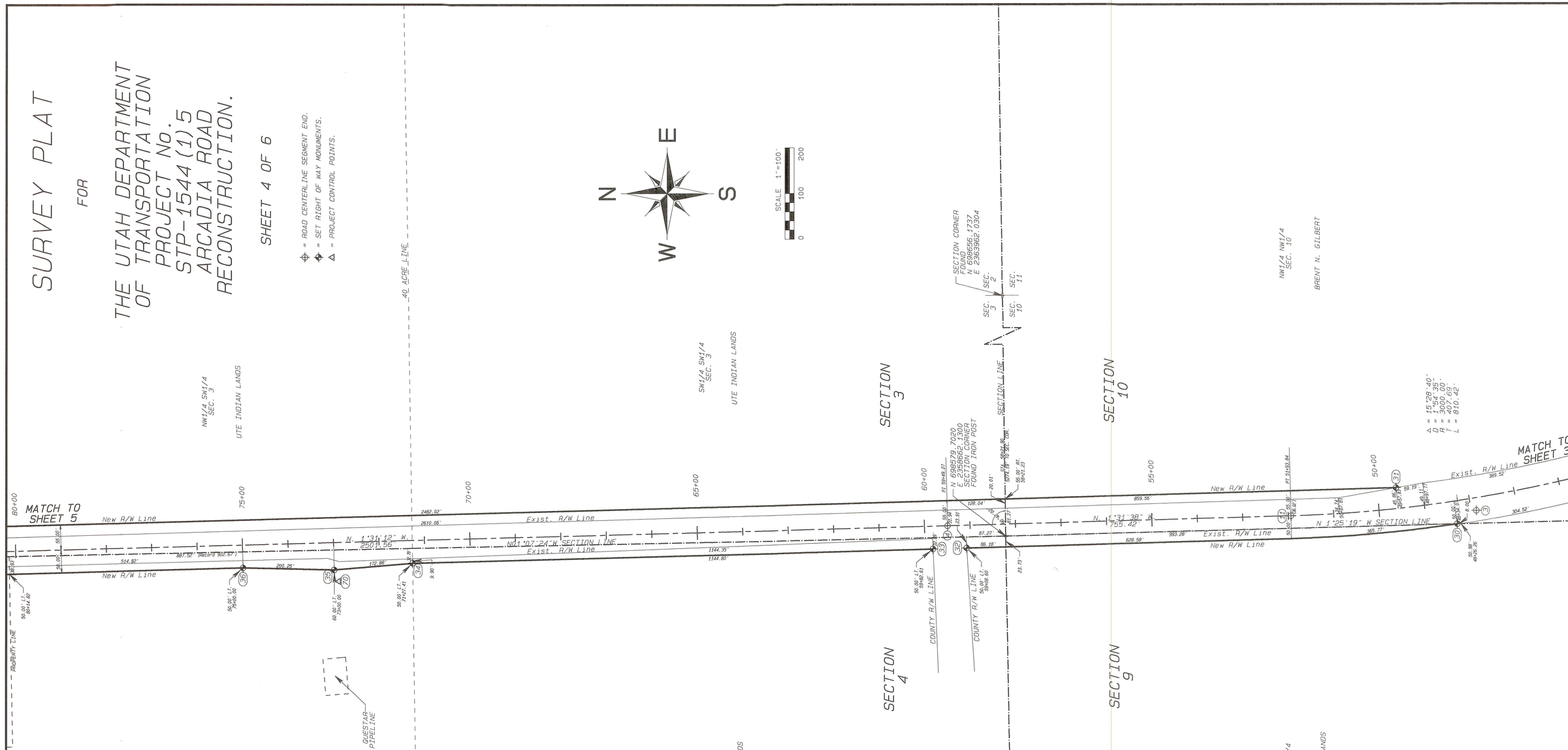
SURVEY PLAT

FOR

THE UTAH DEPARTMENT OF TRANSPORTATION
PROJECT No. STP-1544(1)5
ARCADIA ROAD RECONSTRUCTION.

SHEET 4 OF 6

⊕ = ROAD CENTERLINE SEGMENT END.
◆ = SET RIGHT OF WAY MONUMENTS.
△ = PROJECT CONTROL POINTS.



PROJECT COORDINATES

SYMBOL	POINT No.	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
⊕	3	697,544.7000	2,358,716.0000				3 POINT OF INTERSECTION
⊕	4	698,707.4000	2,358,685.0000		59+49.27	0.00	4 POINT OF INTERSECTION
⊕	11	697,952.2452	2,358,705.1340		51+93.84	0.00	11 POINT OF TANGENT ON CENTERLINE.
◆	30	697,586.7311	2,358,686.7755		48+34.07	50.00 LT.	30 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	31	697,721.6262	2,358,766.2994		49+57.83	45.86 RT.	31 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	32	698,665.4139	2,358,636.1017		59+08.60	50.00 LT.	32 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	33	698,739.4040	2,358,634.1331		59+82.61	50.00 LT.	33 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	34	699,883.8011	2,358,603.7656		71+27.41	50.00 LT.	34 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	35	700,056.0651	2,358,589.1909		73+00.00	60.00 LT.	35 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
◆	36	700,256.2600	2,358,593.8820		75+00.00	50.00 LT.	36 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
△	70	700,045.8813	2,358,554.3251		72+90.48	85.13 LT.	70 5/8" REBAR WITH PLASTIC CAP.

County Surveyor file # 19648 4 of 6

REGISTERED SURVEYORS CORP.
61 EAST 300 NORTH, P.O. BOX 564, DUCHESNE, UTAH 84021
(435) 738-2718

DATE RESEARCHED: N/A	RESEARCHED BY: N/A	PROJECT No.: 05018
DATE SURVEYED: JUNE 2005 - NOVEMBER 2007	SURVEYED BY: D. PEATROSS	SHEET: 4 OF: 6
DATE DRAFTED: FEBRUARY 2008	DRAFTED BY: D. PEATROSS	DATE PLOTTED: 2/29/08

DRAWING NUMBER 19648 4 of 6
SAICO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6051
PRINTED SIDE OF PAGE IN FULL INK

SURVEY PLAT

FOR

THE UTAH DEPARTMENT OF TRANSPORTATION
PROJECT No. STP-1544(1)5
ARCADIA ROAD RECONSTRUCTION.

SHEET 5 OF 6

PROJECT COORDINATES

SYMBOL	POINT No.	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
	5	701, 684.5000	2, 358, 606.0000				5 POINT OF INTERSECTION
	6	703, 570.8000	2, 357, 072.0000				6 POINT OF INTERSECTION
	12	701, 208.0797	2, 358, 618.6422		84+50.83	0.00	12 POINT OF CURVE ON CENTERLINE.
	13	702, 054.2541	2, 358, 305.3041		93+69.55	0.00	13 POINT OF TANGENT ON CENTERLINE.
	14	702, 828.2049	2, 357, 675.9024		103+67.12	0.00	14 POINT OF CURVE ON CENTERLINE.
	18	701, 170.9441	2, 357, 219.1349				18 RADIUS POINT THIRD CURVE
	19	703, 500.1475	2, 358, 502.1699				19 RADIUS POINT FORTH CURVE
	37	701, 190.0076	2, 358, 674.1412		84+31.29	55.00 RT.	37 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	38	701, 190.1829	2, 358, 684.1400		84+31.20	65.00 RT.	38 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	39	701, 206.7594	2, 358, 568.6598		84+50.83	50.00 LT.	39 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	40	702, 095.2648	2, 358, 355.7334		93+69.55	65.00 RT.	40 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	41	702, 187.0716	2, 358, 261.8681		95+00.00	50.10 RT.	41 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	42	702, 730.0369	2, 357, 820.0663		102+00.00	49.91 RT.	42 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	43	702, 666.9497	2, 357, 742.4905		102+00.00	50.08 LT.	43 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	44	702, 872.3702	2, 357, 730.2109		103+67.12	70.00 RT.	44 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	45	702, 784.0394	2, 357, 621.5939		103+67.12	70.00 LT.	45 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	46	703, 187.6298	2, 357, 557.5231		107+53.99	70.00 RT.	46 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	47	703, 422.4706	2, 357, 369.8310		110+21.31	70.00 LT.	47 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	48	703, 725.7357	2, 357, 349.0286		113+00.00	110.00 LT.	48 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	49	703, 898.4939	2, 357, 354.3262		114+50.00	150.00 LT.	49 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	50	704, 151.8551	2, 357, 482.6714		117+00.00	145.00 LT.	50 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	51	704, 175.8812	2, 357, 547.0344		117+50.00	105.00 LT.	51 SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	71	701, 139.3638	2, 358, 604.7689		83+82.50	15.69 LT.	71 MAGNAIL WITH ALUMINUM WASHER.
	72	701, 730.2014	2, 358, 581.7865	5, 464.33	89+58.93	72.95 RT.	72 5/8" REBAR WITH PLASTIC CAP.
	73	702, 494.7586	2, 357, 908.0900	5, 482.35	99+61.93	30.24 LT.	73 5/8" REBAR
	74	703, 320.5430	2, 357, 294.1500	5, 498.26	109+37.06	156.30 LT.	74 5/8" REBAR WITH PLASTIC CAP IN JOINT OF CONCRETE PAD.
	75	704, 221.3185	2, 357, 506.9630	5, 541.11	117+62.09	164.03 LT.	75 5/8" REBAR
	76	704, 270.2333	2, 357, 687.8508	5, 566.21	119+00.98	55.78 LT.	76 5/8" REBAR

County Surveyor file # 1948 5 of 6

REGISTERED SURVEYORS CORP.
61 EAST 300 NORTH, P.O. BOX 564, DUCHESNE, UTAH 84021
(435) 738-2718

DATE RESEARCHED: N/A	RESEARCHED BY: N/A	PROJECT No.: 05018
DATE SURVEYED: JUNE 2005 - NOVEMBER 2007	SURVEYED BY: D. PEATROSS	SHEET: 5 OF: 6
DATE DRAFTED: JANUARY 2008	DRAFTED BY: D. PEATROSS	DATE PLOTTED: 2/29/08

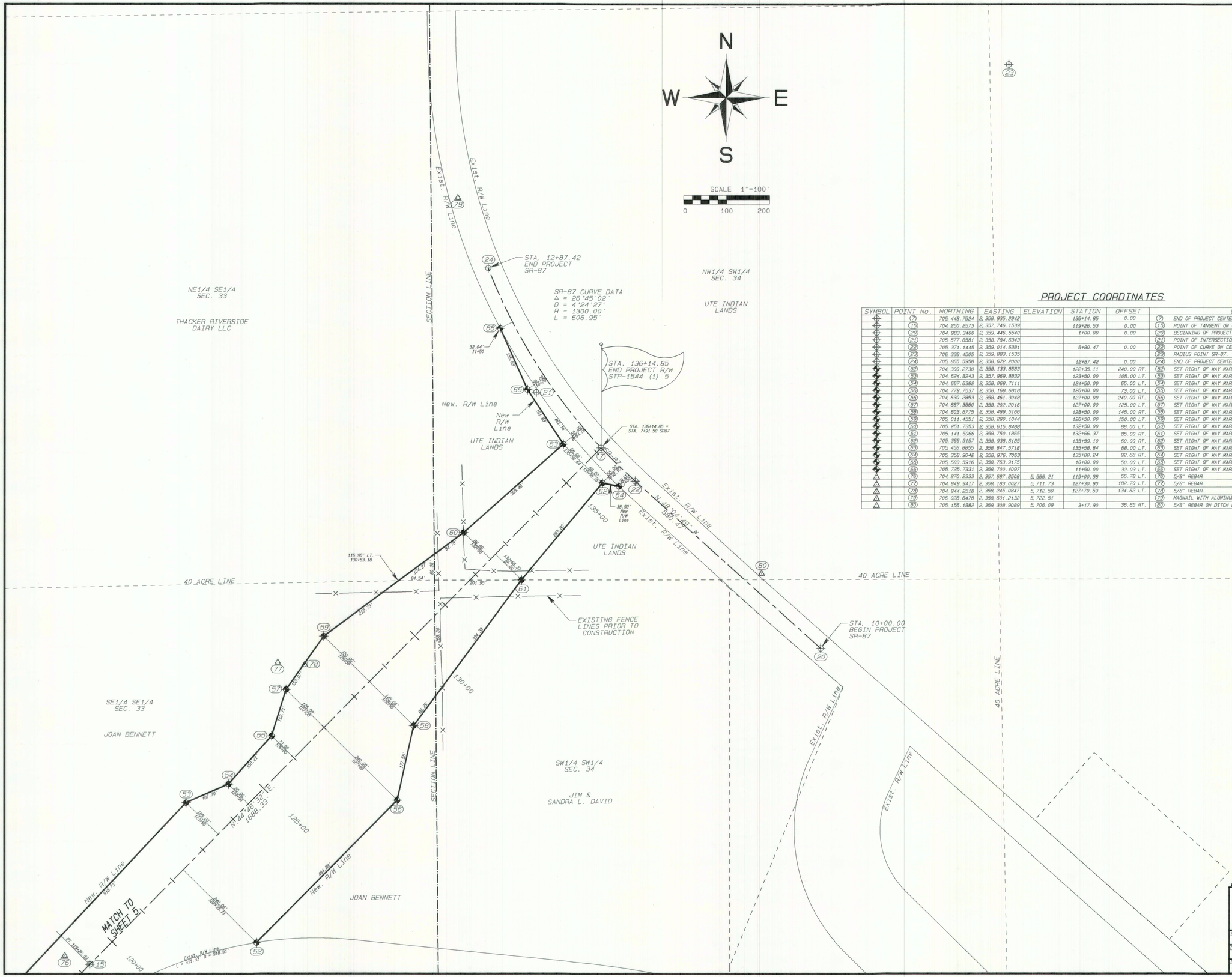
DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6551
DRAWING NUMBER 1968 5 of 6

SURVEY PLAT

FOR

THE UTAH DEPARTMENT OF TRANSPORTATION PROJECT No. STP-1544(1)5 ARCADIA ROAD RECONSTRUCTION.

SHEET 6 OF 6



PROJECT COORDINATES

SYMBOL	POINT No.	NORTHING	EASTING	ELEVATION	STATION	OFFSET		DESCRIPTION
	7	705,448.7524	2,358,935.2942		136+14.85	0.00	7	END OF PROJECT CENTERLINE
	15	704,250.2573	2,357,746.1539		119+26.53	0.00	15	POINT OF TANGENT ON CENTERLINE.
	20	704,983.3400	2,359,446.5540		1+00.00	0.00	20	BEGINNING OF PROJECT CENTERLINE SR-87
	21	705,577.6581	2,358,784.6343				21	POINT OF INTERSECTION SR-87.
	22	705,371.1445	2,359,014.6391		6+80.47	0.00	22	POINT OF CURVE ON CENTERLINE SR-87.
	23	706,338.4505	2,359,883.1535				23	RADIUS POINT SR-87.
	24	705,865.5958	2,358,672.2000		12+87.42	0.00	24	END OF PROJECT CENTERLINE AND POINT OF COMPOUND CURVE SR-87.
	52	704,300.2730	2,358,133.8683		122+35.11	240.00 RT.	52	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	53	704,624.8243	2,357,969.8832		123+50.00	105.00 LT.	53	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	54	704,667.6382	2,358,068.7111		124+50.00	65.00 LT.	54	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	55	704,779.7537	2,358,168.6818		126+00.00	73.00 LT.	55	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	56	704,630.2853	2,358,461.3048		127+00.00	240.00 RT.	56	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	57	704,887.3660	2,358,202.2016		127+00.00	125.00 LT.	57	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	58	704,803.6775	2,358,499.5166		128+50.00	145.00 RT.	58	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	59	705,011.4551	2,358,290.1044		128+50.00	150.00 LT.	59	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	60	705,251.7353	2,358,615.8488		132+50.00	88.00 LT.	60	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	61	705,141.5066	2,358,750.1865		132+66.37	85.00 RT.	61	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	62	705,366.9157	2,358,938.6185		135+59.10	60.00 RT.	62	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	63	705,456.8655	2,358,847.5719		135+58.84	68.00 LT.	63	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	64	705,358.9042	2,358,976.7063		135+80.24	92.68 RT.	64	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	65	705,583.5916	2,358,763.9175		10+00.00	50.00 LT.	65	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	66	705,725.7331	2,358,700.4097		11+50.00	32.03 LT.	66	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	76	704,270.2333	2,357,687.8508	5,566.21	119+00.98	55.78 LT.	76	5/8" REBAR
	77	704,949.9417	2,358,183.0027	5,711.73	127+90.90	162.70 LT.	77	5/8" REBAR
	78	704,944.2518	2,358,245.0847	5,712.50	127+70.59	134.62 LT.	78	5/8" REBAR
	79	706,028.6478	2,358,601.2132	5,722.51			79	MAGNAIL WITH ALUMINUM WASHER.
	80	705,156.1882	2,359,308.9089	5,706.09	3+17.90	36.65 RT.	80	5/8" REBAR ON DITCH BANK.

County Surveyor File # 1968 6 of 6

REGISTERED SURVEYORS CORP.

61 EAST 300 NORTH, P.O. BOX 564, DUCHESNE, UTAH 84021
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DATE RESEARCHED: N/A	RESEARCHED BY: N/A	PROJECT No.: 05018
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