

# UTAH TRANSIT AUTHORITY COMMUTER RAIL RIGHT OF WAY SURVEY

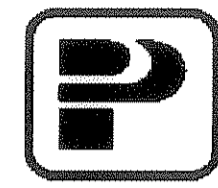
PHASE I — SOUTH LINE OF WEBER COUNTY TO  
THE 15th SOUTH STREET, OGDEN CITY

WEBER COUNTY, UTAH



**REDCON, INC.**  
LAND SURVEYORS

90 NORTH MAIN  
Bountiful, Utah 84010  
(801) 298-2401 FAX (801) 298-2024

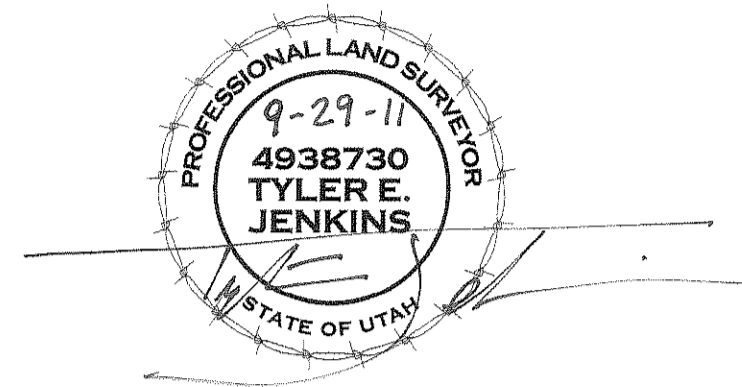


**PARSONS**

## SURVEYOR'S CERTIFICATE

The research, control survey, field surveys, right of way determination and legal descriptions were completed by Redcon personnel under the direct supervision and control of the following licensed surveyors employed by Redcon: Loyal D. Olson III, Utah P.L.S. No. 156842, Robert M. Brown, Utah P.L.S. No. 334577 and Tyler E. Jenkins, Utah P.L.S. No. 4938730.

I, Tyler E. Jenkins, do hereby certify that I am a Professional Land Surveyor and that I hold License No. 4938730 as prescribed by the laws of the State of Utah. I further certify that I have completed an independent 2009 field recovery and verification of the section corner positions, a final check of the legal descriptions, and that the right of way survey depicted on this plot is correctly and properly shown hereon.



## NARRATIVE

The purpose of this Right of Way Survey is to provide a combined metes and bounds legal description of that portion of the Salt Lake Subdivision of the Union Pacific Railroad Company (UPRR), (formerly the Oregon Short Line Railroad Company and, originally, the Utah Central Railroad Company) Right of Way, conveyed to the Utah Transit Authority (UTA) from the South Line of Weber County to approximately 15th Street Ogden City, and the Ogden Station Parcel in the following deeds:

1. Quitclaim Deed, recorded September 20, 2002, Entry 1876044, Book 2265, beginning at Page 470. Original 2002 UPRR to UTA conveyance. This is basically a variable width strip of land along the Easterly Line of the UPRR Right of Way designated as Segment 3.4a-3 in Exhibit "A" of said Quitclaim Deed. This Deed also contains a metes and bounds conveyance for a parcel designated as 3.4 Ogden Station in Exhibit "A" of said Quitclaim Deed.
2. Quit Claim Deed, recorded November 30, 2005, Entry 2145432. Additional property subsequently conveyed from UPRR to UTA typically along the westerly edge of said Segment 3.4a-3 of the Original 2002 UPRR to UTA conveyance, as described in Exhibit 1 of said Quit Claim Deed, and also property added to said 3.4 Ogden Station Parcel, as described in Exhibit 1 of said Quit Claim Deed.
3. Quit Claim Deed, recorded November 30, 2005, Entry 2145434. Property conveyed back to UPRR from UTA out of the Original 2002 UPRR to UTA 3.4 Ogden Station Parcel, as described in Exhibit A in said Quit Claim Deed.
4. Quit Claim Deed, recorded November 30, 2009, Entry 2447216. Additional property subsequently conveyed from UPRR to UTA, said property designated as "A - Cecil Junction to 15th Street, C - I-15 Abutment and D - 21st Street to Cecil Junction" in Exhibit 1 of said Quitclaim Deed.
5. Quitclaim Deed, recorded November 30, 2009, Entry 2447217. Property conveyed back to UPRR from UTA out of the Original 2002 UPRR to UTA conveyance, said property designated as "B - Cecil Junction to 15th Street" in Exhibit 1 of said Quitclaim Deed.

The legal description designated "Segment 3.4a-3" in the Original 2002 UPRR to UTA Quitclaim Deed, for the portion of said Salt Lake Subdivision of the Union Pacific Railroad Company was not a metes and bounds description. The intent of this description was specific, however, and conveyed the property "that lies between a line drawn parallel and/or concentric with and 30 feet distant easterly as measured at right angles and/or radially from the center line of the most easterly main line track of said railroad subdivision, as now constructed and operated, and the easterly right of way line of said railroad subdivision as now located, etc.". The final alignment of the proposed UTA Commuter Rail track was completed in 2005, and the majority of said parallel line was replaced with a defined right of way line between the UPRR tracks and the proposed UTA tracks, as described by metes and bounds in the November 30, 2005 Quit Claim Deeds listed above. Said parallel line not re-defined in said November 30, 2005 Quit Claim Deeds, was established based on the criteria stated in the Original 2002 UPRR to UTA Quitclaim Deed, and a metes and bounds description of the line was generated.

## DETERMINATION OF THE EXISTING UPRR RIGHT OF WAY

The extent, location, and orientation of Union Pacific Railroad Right of Way has been based on:

1. The Oregon Short Line Railroad (OSLRR) Right of Way & Track Maps V.UT.3/7 and V.UT.3/8 (Val Maps)
2. OSLRR, Utah Division - Main Line, First Subdivision, Alignment Map, Sandy to Ogden, MP 797.8 to 817.8
3. Surveyed Right of Way fences
4. Selected Right of Way entitlement deeds listed in the Schedule of Properties on the Val Maps
5. Track position
6. Townsite plats that defined certain Right of Way lines
7. Section Lines, as currently monumented, that coincided with or defined certain Right of Way lines
8. Weber County Tax Parcel Plats
9. Adjoining senior property descriptions and surveys

The OSLRR Right of Way is a series of tangents and simple curves, at the vested right of way width. Initially this geometric alignment was inserted, based on occupation, on the UTA Commuter Rail Project base mapping. This initial position was compared to section corner ties found on the Val and Alignment Maps and to existing fencelines and track locations. The section corner ties were found to be poor, in the range of 5 feet or greater, and the current track locations do not necessarily coincide with the original right of way centerline. The OSLRR Right of Way is senior to the majority of adjoining properties. The majority of the entitlement deeds are general in nature, described as a strip of ground over and across the grantor's property with minimal or no metes and bounds descriptions available, and typically state "to the OSLRR Railroad etc.". The value of the entitlement deeds was mostly in confirming granted right of way width, when vague on the Val Maps, or the linear extent, i.e. to a Section or other platted lines.

It was concluded that the best evidence of the Right of Way location was the existing Right of Way fencelines, as occupied and operated, regardless of section corner ties or entitlement descriptions. The majority of adjoining surveys and plats completed over the years have also been based on the fencelines and/or position of the tracks.

The final Right of Way delineation, as shown hereon, was based on holding tangents as a true line without any angle points, at the vested Right of Way width, and best-fit to both the easterly and westerly right of way fences. Degree of curve was held to plan alignment, and the deviation was placed in the curve delta and length of curve. Curve delta between the best-fit tangents varied from Plan Alignment from negligible up to 2 minutes. Length of curve varied from plan up to 5 feet, and PC and PT locations were shifted up to several feet, resulting in a negligible left/right shift. Historic, as well as current, railroad construction surveys typically "hold" the tangents to true lines, with deviations and adjustment placed in the curves. Due to various realignments and insertion of spiral transitions, the position of the existing tracks was not used as conclusive evidence of the original alignment and right of way. The existing track position does, however, in most tangent segments closely to precisely parallel the delineated Right of Way centerline, although at various offsets. The best-fit Right of Way lines closely matches approximately 85-90% of the existing fencelines as surveyed. Certain fences deviate significantly from the best-fit Right of Way, but are not considered evidence of the OSLRR Right of Way, or any supplemental acquisitions by the Railroad. Fenceline deviations are often at the typical 50-foot Right of Way width from an existing track that has been realigned. The final Right of Way delineation was again reviewed with respect to section corner ties listed on the Val Maps, and were still found to be poor, and of no value in documenting the location the Right of Way. A 1-inch to 100-foot strip plot of the delineated Right of Way Line is available for review at the UTA Real Estate Department in Salt Lake City, and at Redcon's Office in Bountiful, for interested users of the attached survey. This strip plot provides a big picture view of the Right of Way line, fences and track.

## VESTING DISCLAIMER

1. This Right of Way Survey is not a vesting document. It depicts the portion of the Right of Way purchased by UTA in the said Quit Claim Deeds referenced above. The delineated UPRR Right of Way, centerline and dimensioned widths, is as taken from the referenced Val Maps and certain entitlement deeds. UTA has acquired additional properties adjacent to the Easterly Right of Way Line that are not shown herein, and owns additional adjacent properties for stations and signal houses as well. The Union Pacific Railroad and predecessor companies also may have additional right of way, as well as numerous properties adjacent to the Right of Way Corridor not depicted hereon. UPRR may also have conveyed some portions of the designated Right of Way to other parties, and no attempt has been made to show those properties on this Survey. Public records should be consulted for complete vesting. In addition, future additional cross conveyances between UTA and UPRR are possible.
2. The Right of Way, where shown continuous across public streets and roads, may or may not have been held fee simple by said Utah Central Railroad Company, and/or successor companies, but by right of way easement, agreement, or prescriptive right. No attempt has been made in this Survey to designate the type of interest UTA acquired within said public streets and roads.

## INDEX OF DRAWINGS

SHEET	TITLE	SECTION	TOWNSHIP	APPROXIMATE LOCATION
			RANGE	
COVER	COVER SHEET	-	-	
C-W1	SURVEY CONTROL DATA & SHEET INDEX MAP	-	-	2300 NORTH STREET TO 1100 WEST STREET (W-01 TO W-06)
C-W2	SURVEY CONTROL DATA & SHEET INDEX MAP	-	-	1100 WEST STREET TO HARRISVILLE ROAD (W-06 TO W-09)
C-W3	SURVEY CONTROL DATA & SHEET INDEX MAP	-	-	2700 NORTH STREET
W-01	TRACT W1 - SECTION 23	SEC 23	T5N, R2W	6000 SOUTH STREET TO 5600 SOUTH STREET (ROY)
W-02	TRACT W2 - SECTION 14	SEC 14	T5N, R2W	5600 SOUTH STREET TO 4800 SOUTH STREET (ROY)
W-03	TRACT W3 - SECTION 11	SEC 11	T5N, R2W	4800 SOUTH STREET TO 4000 SOUTH STREET (ROY)
W-04	TRACT W4 - SECTION 2	SEC 2	T5N, R2W	4000 SOUTH STREET TO 1900 WEST STREET (ROY)
W-05	TRACT W5 - SECTION 1	SEC 1	T5N, R2W	1900 WEST STREET TO 3300 SOUTH STREET (ROY)
	TRACT W6 - SECTION 36 PARTIAL	SEC 36	T6N, R2W	3300 SOUTH STREET TO 1100 WEST STREET (OGDEN)
W-06	TRACT W6 - SECTION 36 PARTIAL	SEC 36	T6N, R2W	3300 SOUTH STREET TO 1100 WEST STREET (OGDEN)
W-07	TRACT W7 - SECTION 31	SEC 31	T6N, R1W	1100 WEST STREET TO WEBER RIVER (OGDEN)
W-08	UTAH TRANSIT AUTHORITY OGDEN STATION PROPERTY	-	T6N, R1W	28th STREET TO 15th SOUTH STREET (OGDEN)
	SECTIONS-19, 29, 30, 31, 32 PARTIAL			
W-09	UTAH TRANSIT AUTHORITY OGDEN STATION PROPERTY	-	T6N, R1W	28th STREET TO 15th SOUTH STREET (OGDEN)
	SECTIONS-19, 29, 30, 31, 32 PARTIAL			

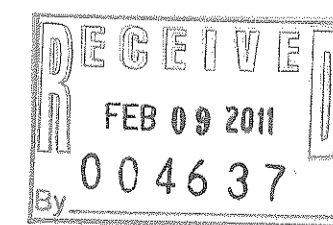
## BASIS OF BEARING

All bearings and distances contained herein, are expressed as grid bearings and ground distances based on the following defined coordinate projection:

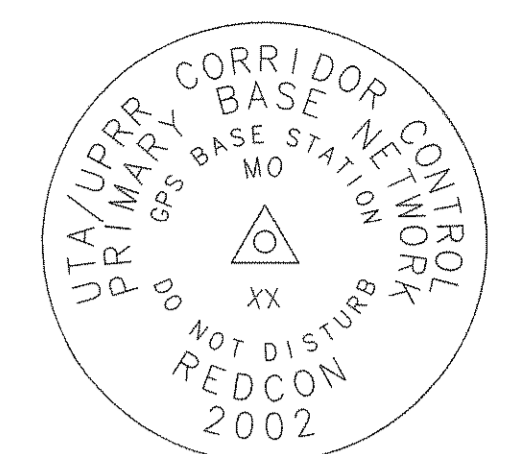
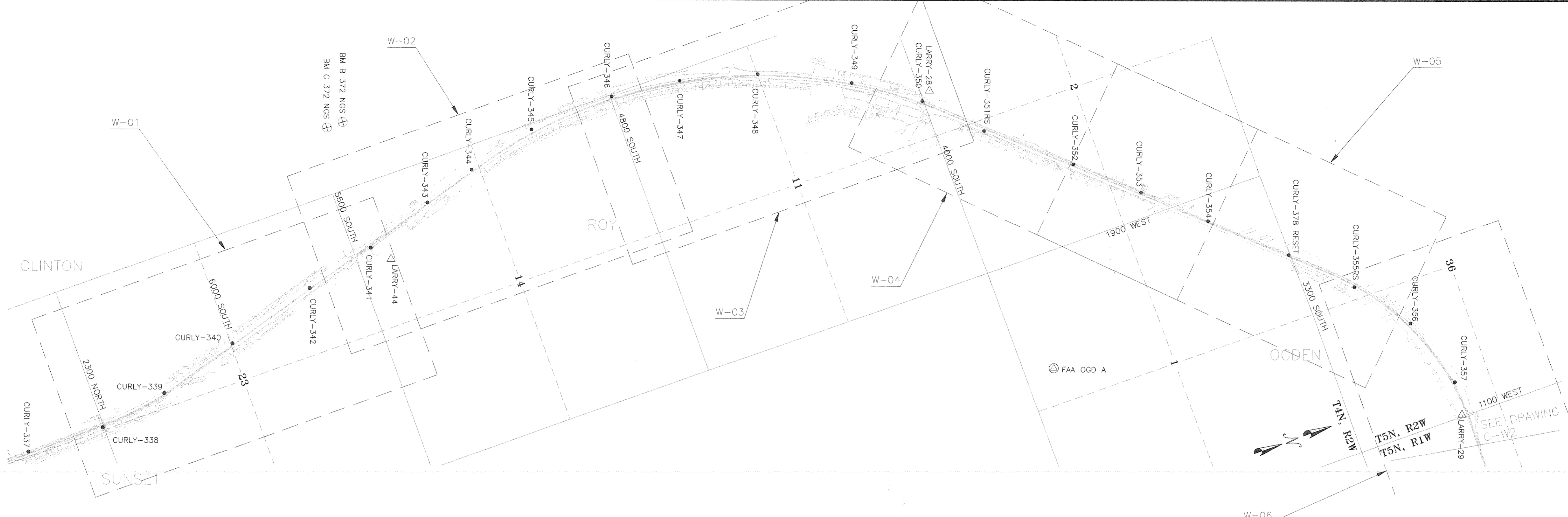
System Projection Transverse Mercator  
System Datum NAD - 1983/1994 (Federal Base Network - 2000 Adjustment)  
System Elevation 4400 Feet Above Mean Sea Level (NAVD 88)  
Origin Latitude 39°45'00.00" North  
Origin Longitude 111°52'30.00" West  
Scale Factor 1.000205271907  
False Northing 75,000.00  
False Easting 75,000.00

## MONUMENTATION

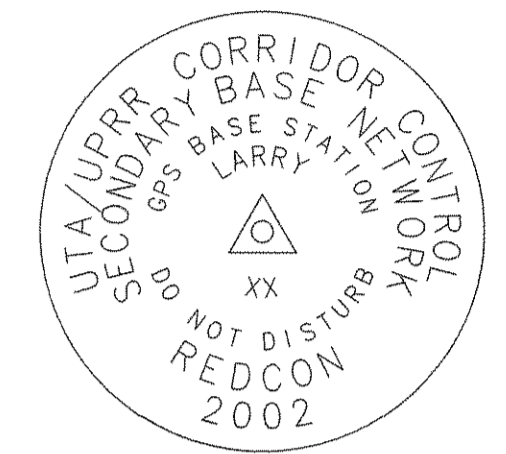
Right of Way markers were not placed as part of this survey.







STANDARD "MO" MONUMENT  
 3 1/4" FLAT ALUMINUM CAP RIVETED ON 2 3/8" x 30" ALUMINUM PIPE WITH FLARED BASE.



STANDARD "LARRY" MONUMENT  
 3 1/4" FLAT ALUMINUM CAP ON 3/4" x 30" REBAR



STANDARD "CURLY" MONUMENT  
 1 1/2" FLAT ALUMINUM CAP ON 5/8" x 30" REBAR

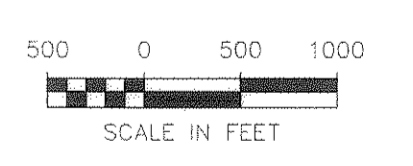
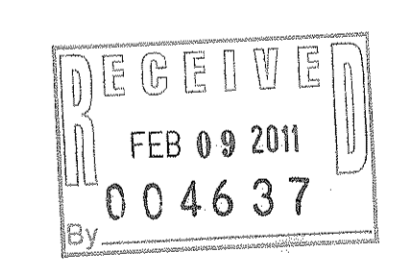
ALUMINUM CAP STAMP DETAILS NTS

**NOTES:**

- THE "COMMUTER RAIL PROJECT COORDINATE SYSTEM" IS A LOCAL GROUND DISTANCE PROJECTION DEFINED AS FOLLOWS:  
 SYSTEM PROJECTION = TRANSVERSE MERCATOR  
 SYSTEM DATUM = NAD-1983/1994 (FEDERAL BASE NETWORK - 2000 ADJUSTMENT)  
 SYSTEM ELEVATION = 4,400 Feet Above Mean Sea Level (NAVD 88)  
 ORIGIN LATITUDE = 39° 45' 00.000000" North  
 CENTRAL MERIDIAN = 111° 52' 30.000000" West  
 SCALE REDUCTION = 1.000205271907  
 FALSE NORTHING = 75,000.000  
 FALSE EASTING = 75,000.000
- THE PRIMARY AND SECONDARY BASE NETWORK STATIONS SHOWN ON THIS SURVEY WERE ESTABLISHED AS DOCUMENTED IN THE GEODETIC CONTROL SURVEY REPORT, FEBRUARY 2004, BY REDCON, INC. THE TERTIARY CONTROL POINTS WERE SET ALONG THE CORRIDOR AT APPROXIMATE 1200 FOOT INTERVALS TO AID IN PRE-CONSTRUCTION AND FUTURE CONSTRUCTION SURVEYS. THE TERTIARY CONTROL WAS CLOSED AND ADJUSTED TO THE SECONDARY OR PRIMARY BASE NETWORK WITH A MAXIMUM ERROR OF 1:40,000. THE TERTIARY CONTROL HAS TYPICALLY BEEN SET WITHIN THE CORRIDOR AND IT IS ANTICIPATED THAT SOME POINTS WILL BE DESTROYED AS CONSTRUCTION PROGRESSES.  
  
 THE PRIMARY AND SECONDARY POINTS WERE ESTABLISHED OUTSIDE THE ANTICIPATED CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY PRIMARY OR SECONDARY POINTS WILL BE DESTROYED.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS LISTED ON THE PRIMARY, SECONDARY AND TERTIARY POINTS WERE ESTABLISHED FROM THE NGS BENCHMARKS AS SHOWN. THE HORIZONTAL COORDINATES LISTED SHOULD ONLY BE USED TO LOCATE THE NGS BENCHMARK AND NOT FOR HORIZONTAL CONTROL.

**CONTROL COORDINATE DATA**

PT.#	COMMUTER RAIL PROJECT COORDINATE SYSTEM (COM RAIL)			NAD-83/1994 FEDERAL BASE NETWORK			DESIGNATION	DESCRIPTION
	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE	ELLIPSOID		
20	600,569.88	35,500.05	0,000.00	41°11'32.0490"	112°01'06.5521"	1341.113	FAA OGD A	NGS DISK SET IN A 10'x10' CONCRETE PAD PID# AA3669
128	600,168.27	30,011.75	4,370.50	41°11'27.9861"	112°02'18.3141"	1315.220	LARRY-28	STANDARD LARRY MONUMENT
129	607,185.27	38,792.45	4,371.77	41°12'37.4487"	112°00'23.6275"	1315.720	LARRY-29	STANDARD LARRY MONUMENT
144	590,029.73	29,590.63	4,444.62	41°09'47.8273"	112°02'23.5699"	1337.760	LARRY-44	STANDARD LARRY MONUMENT
337	582,716.51	30,655.34	4,467.76	41°08'35.6048"	112°02'09.4757"		CURLY-337	STANDARD CURLY MONUMENT
338	584,123.74	30,696.18	4,462.41	41°08'49.5066"	112°02'08.9760"		CURLY-338	STANDARD CURLY MONUMENT
339	585,374.56	30,487.32	4,453.38	41°09'01.8587"	112°02'11.7358"		CURLY-339	STANDARD CURLY MONUMENT
340	586,828.20	30,053.97	4,446.24	41°09'16.2103"	112°02'17.4349"		CURLY-340	STANDARD CURLY MONUMENT
341	589,753.53	29,269.23	4,436.68	41°09'45.0929"	112°02'27.7641"		CURLY-341	STANDARD CURLY MONUMENT
342	588,472.83	29,586.47	4,438.48	41°09'32.4477"	112°02'23.5856"		CURLY-342	STANDARD CURLY MONUMENT
343	590,989.71	28,842.64	4,433.07	41°09'57.2961"	112°02'33.3714"		CURLY-343	STANDARD CURLY MONUMENT
344	591,939.03	28,556.02	4,430.93	41°10'06.6683"	112°02'37.1421"		CURLY-344	STANDARD CURLY MONUMENT
345	593,199.95	28,237.12	4,425.98	41°10'19.1179"	112°02'41.3430"		CURLY-345	STANDARD CURLY MONUMENT
346	594,758.00	28,163.66	4,419.57	41°10'34.5072"	112°02'42.3432"		CURLY-346	STANDARD CURLY MONUMENT
347	596,003.54	28,311.57	4,412.49	41°10'46.8138"	112°02'40.4412"		CURLY-347	STANDARD CURLY MONUMENT
348	597,367.34	28,677.05	4,403.82	41°11'00.2928"	112°02'35.6971"		CURLY-348	STANDARD CURLY MONUMENT
349	598,902.45	29,402.61	4,394.36	41°11'15.4707"	112°02'26.2483"		CURLY-349	STANDARD CURLY MONUMENT
350	599,984.69	30,142.54	4,387.97	41°11'26.1751"	112°02'16.5992"		CURLY-350	STANDARD CURLY MONUMENT
351	600,875.11	30,972.38	4,382.14	41°11'34.9862"	112°02'05.7689"		CURLY-351RS	REDCON ROD+CAP
352	602,147.91	32,143.54	4,375.22	41°11'47.5801"	112°01'50.4830"		CURLY-352	STANDARD CURLY MONUMENT
353	603,120.09	33,039.82	4,369.19	41°11'57.1993"	112°01'38.7836"		CURLY-353	STANDARD CURLY MONUMENT
354	604,079.07	33,935.72	4,362.20	41°12'06.6876"	112°01'27.0879"		CURLY-354	STANDARD CURLY MONUMENT
355	606,213.53	35,961.96	4,348.02	41°12'27.8057"	112°01'00.6319"		CURLY-355RS	REDCON ROD+CAP
356	606,875.19	36,919.60	4,350.33	41°12'34.3570"	112°00'48.1195"		CURLY-356	STANDARD CURLY MONUMENT
357	607,261.65	38,189.48	4,346.67	41°12'38.1941"	112°00'31.5163"		CURLY-357	STANDARD CURLY MONUMENT
358	607,295.45	39,911.40	4,338.02	41°12'38.5536"	112°00'08.9927"		CURLY-358	STANDARD CURLY MONUMENT
378	605,235.17	35,007.71	4,353.50	41°12'18.1257"	112°01'13.0925"		CURLY-378 RESET	STANDARD CURLY MONUMENT
924	590,052	26,957	4,376.32	41°09'48"	112°02'58"		BM B 372 NGS	METAL ROD W/O SLEEVE PID# MS0470
925	589,749	26,956	4,379.20	41°09'45"	112°02'58"		BM C 372 NGS	BENCHMARK DISK IN FOUNDATION PID# MS0469



- LEGEND**
- ⊕ NGS MONUMENT-FEDERAL BASE NETWORK (FBN)
  - ⊕ PRIMARY BASE NETWORK STATION (PBN)
  - ⊕ SECONDARY BASE NETWORK STATION (SBN)
  - ⊕ TERTIARY CONTROL MONUMENTS
  - ⊗ NGS BENCHMARK



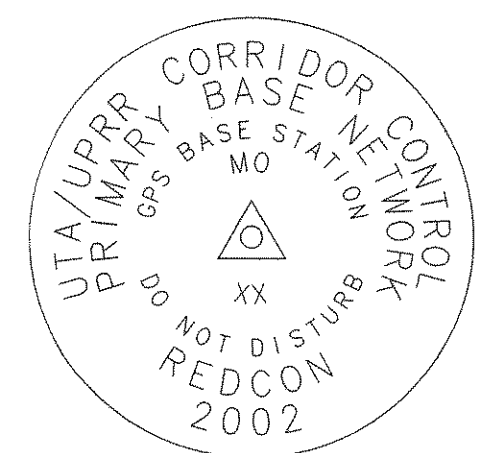
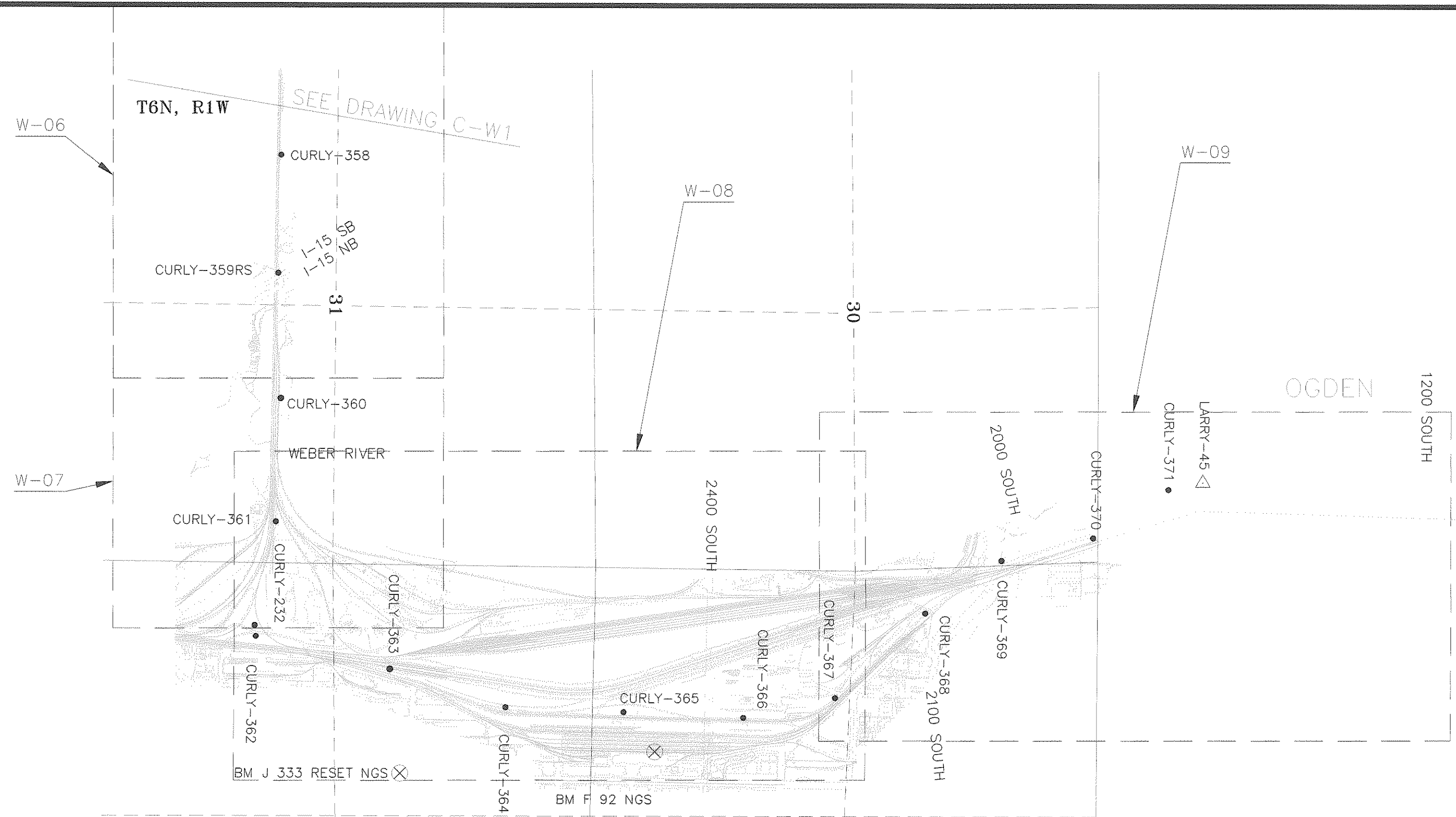
**REDCON, INC.**  
 LAND SURVEYORS  
 90 NORTH MAIN  
 Bountiful, Utah 84010  
 (801) 298-2401 FAX (801) 298-2024



2004-2005  
 Surveyed by: SOK, BH, GOR, SS, BB - 2009  
 Drawn by: RM Date: 09/10  
 Designer: LKS Check: TEJ  
 Scale: 1" = 1000'  
 Job No.: 403002  
 File S:\Projects\403002\Comm North ROW RGS\Drawings

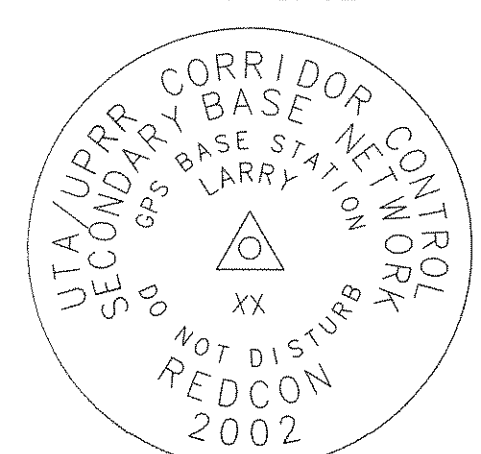
**UTAH TRANSIT AUTHORITY COMMUTER RAIL**  
**RIGHT OF WAY SURVEY**  
 SURVEY CONTROL DATA  
 & SHEET INDEX MAP  
 2300 NORTH TO 1100 WEST  
 WEBER COUNTY, UTAH

DWG NO.  
**C-W1**



STANDARD "MO" MONUMENT

3 1/4" FLAT ALUMINUM CAP RIVITED ON 2 3/8" x 30" ALUMINUM PIPE WITH FLARED BASE.



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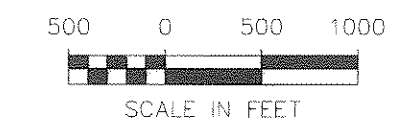
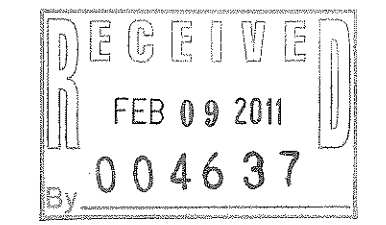
ALUMINUM CAP STAMP DETAILS NTS

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 SYSTEM ELEVATION = 4,400 Feet Above Mean Sea Level (NAVD 88)  
 ORIGIN LATITUDE = 39°45'00.000000" North  
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**CONTROL COORDINATE DATA**

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	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE	ELLIPSOID		
21	625,188.00	43,587.90	4,269.01	41°15'35.3498"	111°59'21.2082"	1284.575	2ND-ST PBN	1"x1" + SURROUNDED BY A 4"x4"x4" TRIANGLE IN 6'x6'
129	607,185.27	38,792.45	4,371.77	41°12'37.4487"	112°00'23.6275"	1315.720	LARRY-29	STANDARD LARRY MONUMENT
145	616,828.61	43,306.15	4,279.82	41°14'12.7707"	111°59'24.7515"	1287.810	LARRY-45	STANDARD LARRY MONUMENT
232	607,034.32	44,797.61	4,315.17	41°12'36.0399"	111°59'05.0721"		CURLY-232	STANDARD CURLY MONUMENT
358	607,295.45	39,911.40	4,338.02	41°12'38.5536"	112°00'08.9927"		CURLY-358	STANDARD CURLY MONUMENT
359	607,266.66	41,141.90	4,332.59	41°12'38.2867"	111°59'52.8961"		CURLY-359RS	REDCON ROD+CAP
360	607,295.93	42,441.32	4,323.85	41°12'38.5937"	111°59'35.8990"		CURLY-360	STANDARD CURLY MONUMENT
361	607,249.31	43,722.15	4,316.62	41°12'38.1500"	111°59'19.1437"		CURLY-361	STANDARD CURLY MONUMENT
362	607,046.72	44,912.16	4,314.90	41°12'36.1638"	111°59'03.5740"		CURLY-362	STANDARD CURLY MONUMENT
363	608,436.43	45,252.59	4,310.06	41°12'49.8959"	111°58'59.1435"		CURLY-363	STANDARD CURLY MONUMENT
364	609,634.75	45,647.47	4,303.14	41°13'01.7380"	111°58'53.9971"		CURLY-364	STANDARD CURLY MONUMENT
365	610,855.32	45,695.96	4,298.57	41°13'13.7956"	111°58'53.3822"		CURLY-365	STANDARD CURLY MONUMENT
366	612,092.36	45,753.64	4,296.28	41°13'26.0160"	111°58'52.6475"		CURLY-366	STANDARD CURLY MONUMENT
367	613,039.50	45,545.54	4,293.40	41°13'35.3695"	111°58'55.3854"		CURLY-367	STANDARD CURLY MONUMENT
368	613,965.50	44,665.53	4,290.82	41°13'44.5059"	111°59'06.9148"		CURLY-368	STANDARD CURLY MONUMENT
369	614,751.50	44,120.04	4,288.24	41°13'52.2633"	111°59'14.0656"		CURLY-369	STANDARD CURLY MONUMENT
370	615,695.41	43,879.92	4,286.81	41°14'01.5843"	111°59'17.2236"		CURLY-370	STANDARD CURLY MONUMENT
371	616,473.09	43,378.84	4,282.00	41°14'09.2599"	111°59'23.7941"		CURLY-371	STANDARD CURLY MONUMENT
914	611,179	46,108	4,302.21	41°13'17"	111°58'48"		BM F 92 NGS	BENCHMARK DISK IN FOUNDATION PID# MR0400
921	608,623	46,295	4,306.24	41°12'52"	111°58'46"		BM J 333 RESET NGS	BENCHMARK DISK IN BOX IN WALK PID# MR0403
930	624,955	40,395	4,269.82	41°15'33"	112°00'03"		BM L 92 NGS	BENCHMARK DISK IN CONCRETE PID# MR0390
931	629,915	40,402	4,263.40	41°16'22"	112°00'03"		BM N 92 NGS	BENCHMARK DISK IN CONCRETE PID# MR0389



- LEGEND**
- NGS MONUMENT-FEDERAL BASE NETWORK (FBN)
  - PRIMARY BASE NETWORK STATION (PBN)
  - SECONDARY BASE NETWORK STATION (SBN)
  - TERTIARY CONTROL MONUMENTS
  - NGS BENCHMARK

**PARSONS**

**REDCON, INC.**  
LAND SURVEYORS  
90 NORTH MAIN  
Bountiful, Utah 84010  
(801) 298-2401 FAX (801) 298-2024

**commuter rail**  
UTA

2004-2005  
 Surveyed : SK, BH, GGR, SS, BB - 2009  
 Drawn : RM Date : 09/10  
 Designer : LKS Check : TEJ  
 Scale : 1" = 1000'  
 Job No. : 403002  
 File s:\Projects\403002\Comm\_North\_ROW\_RHS\Drawings

**UTAH TRANSIT AUTHORITY COMMUTER RAIL**  
RIGHT OF WAY SURVEY

**SURVEY CONTROL DATA**  
& SHEET INDEX MAP

1100 WEST TO HARRISVILLE ROAD  
WEBER COUNTY, UTAH

DWG NO.  
**C-W2**



SEE DRAWING C-W2

LARRY-46

T7N, R2W  
T7N, R1W

CURLY-406

CURLY-402

LARRY-47

CURLY-401

CURLY-405

BM Q 92 NGS

LARRY-48

HIGHWAY 89

PLEASANT VIEW

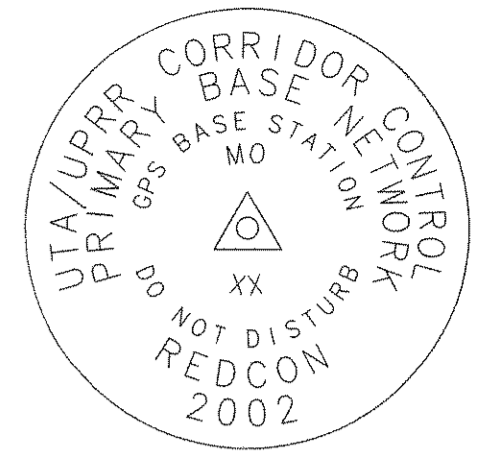
PLEASANT VIEW

2550 NORTH

06-

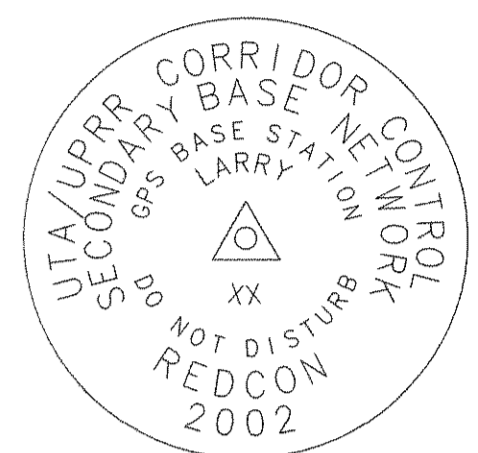
35

1300 WEST



STANDARD "MO" MONUMENT

3 1/4" FLAT ALUMINUM CAP RIVETED ON 2 3/8" x 30" ALUMINUM PIPE WITH FLARED BASE.



STANDARD "LARRY" MONUMENT

3 1/4" FLAT ALUMINUM CAP ON 3/4" x 30" REBAR



STANDARD "CURLY" MONUMENT

1 1/2" FLAT ALUMINUM CAP ON 5/8" x 30" REBAR

ALUMINUM CAP STAMP DETAILS NTS

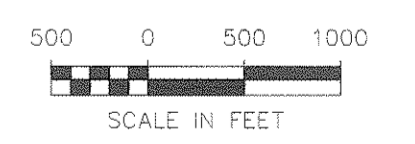
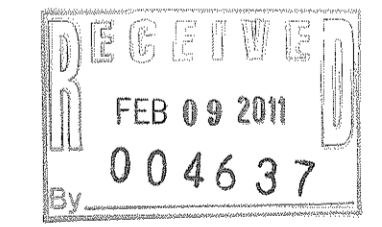


**NOTES:**

- THE "COMMUTER RAIL PROJECT COORDINATE SYSTEM" IS A LOCAL GROUND DISTANCE PROJECTION DEFINED AS FOLLOWS:
  - SYSTEM PROJECTION = TRANSVERSE MERCATOR
  - SYSTEM DATUM = NAD-1983/1994 (FEDERAL BASE NETWORK - 2000 ADJUSTMENT)
  - SYSTEM ELEVATION = 4,400 Feet Above Mean Sea Level (NAVD 88)
  - ORIGIN LATITUDE = 39° 45' 00.000000" North
  - CENTRAL MERIDIAN = 111° 52' 30.000000" West
  - SCALE REDUCTION = 1.000205271907
  - FALSE NORTHING = 75,000.000
  - FALSE EASTING = 75,000.000
- THE PRIMARY AND SECONDARY BASE NETWORK STATIONS SHOWN ON THIS SURVEY WERE ESTABLISHED AS DOCUMENTED IN THE GEODETIC CONTROL SURVEY REPORT, FEBRUARY 2004, BY REDCON, INC. THE TERTIARY CONTROL POINTS WERE SET ALONG THE CORRIDOR AT APPROXIMATE 1200 FOOT INTERVALS TO AID IN PRE-CONSTRUCTION AND FUTURE CONSTRUCTION SURVEYS. THE TERTIARY CONTROL WAS CLOSED AND ADJUSTED TO THE SECONDARY OR PRIMARY BASE NETWORK WITH A MAXIMUM ERROR OF 1:40,000. THE TERTIARY CONTROL HAS TYPICALLY BEEN SET WITHIN THE CORRIDOR AND IT IS ANTICIPATED THAT SOME POINTS WILL BE DESTROYED AS CONSTRUCTION PROGRESSES.
 

THE PRIMARY AND SECONDARY POINTS WERE ESTABLISHED OUTSIDE THE ANTICIPATED CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY PRIMARY OR SECONDARY POINTS WILL BE DESTROYED.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS LISTED ON THE PRIMARY, SECONDARY AND TERTIARY POINTS WERE ESTABLISHED FROM THE NGS BENCHMARKS AS SHOWN. THE HORIZONTAL COORDINATES LISTED SHOULD ONLY BE USED TO LOCATE THE NGS BENCHMARK AND NOT FOR HORIZONTAL CONTROL.

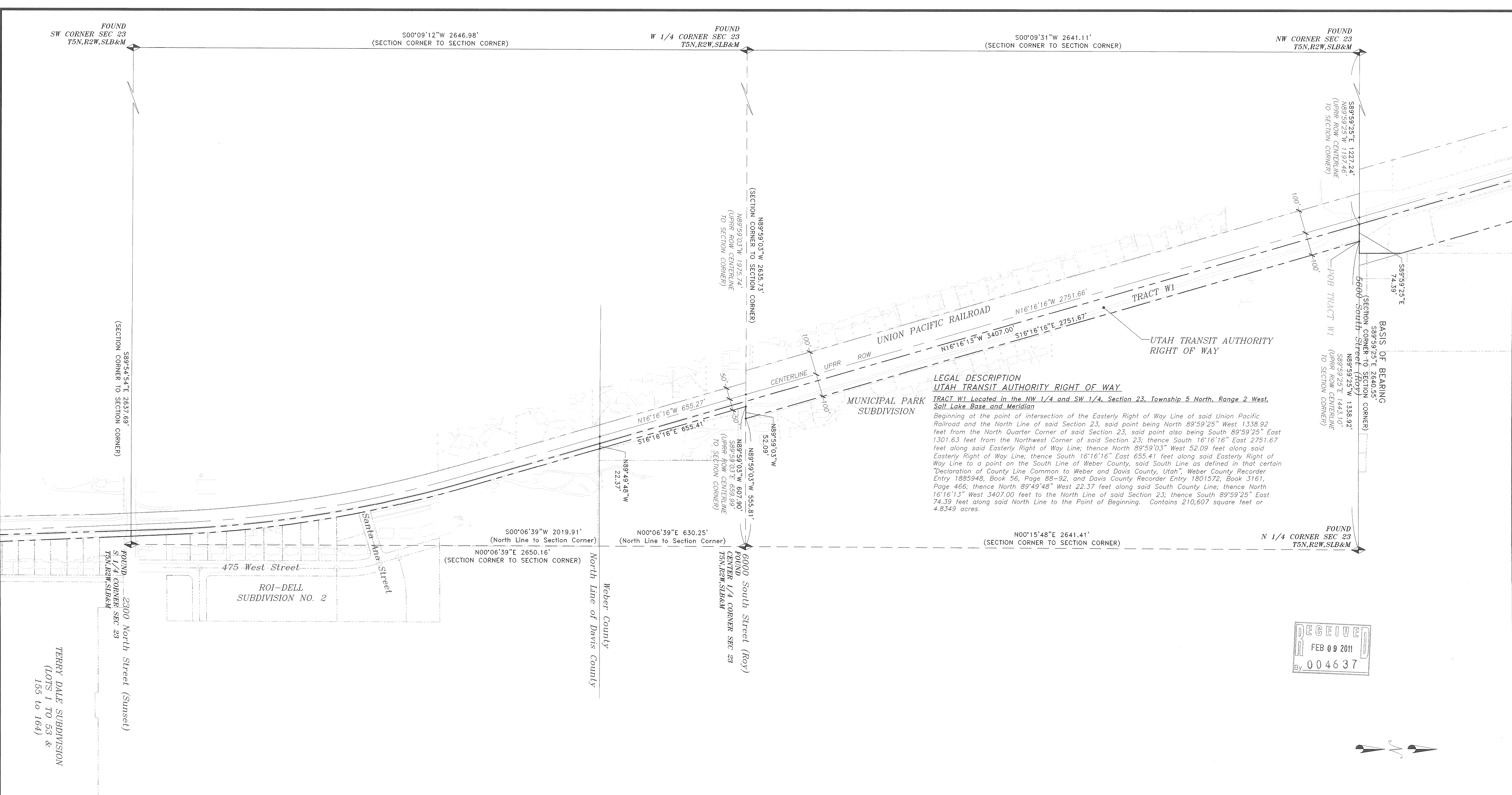
CONTROL COORDINATE DATA								
PT.#	COMMUTER RAIL PROJECT COORDINATE SYSTEM (COM RAIL)			NAD-83/1994 FEDERAL BASE NETWORK			DESIGNATION	DESCRIPTION
	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE	ELLIPSOID		
146	634,052.35	41,547.25	0,000.00	41°17'02.8854"	111°59'48.0843"	1291.429	LARRY-46_SBN	STANDARD LARRY MONUMENT
147	642,514.63	37,418.66	4,290.21	41°18'26.4156"	112°00'42.3252"	1291.145	LARRY-47_SBN	STANDARD LARRY MONUMENT
148	646,303.56	36,855.07	0,000.00	41°19'03.8340"	112°00'49.7877"	1293.038	LARRY-48_SBN	STANDARD LARRY MONUMENT
400	642,941.78	38,245.99	4,293.74	41°18'30.6478"	112°00'31.4956"		CURLY-400	STANDARD CURLY MONUMENT
401	642,873.34	37,490.67	4,293.02	41°18'29.9601"	112°00'41.3893"		C-401	X CUT IN SDMH
402	642,388.09	37,817.63	4,295.84	41°18'25.1719"	112°00'37.0961"		C-402	X CUT IN SIDEWALK
403	642,388.10	38,268.15	4,296.57	41°18'25.1789"	112°00'31.1941"		C-403	X CUT IN SIDEWALK
405	643,777.99	37,163.14	4,288.23	41°18'38.8912"	112°00'45.6988"		CURLY-405	STANDARD CURLY MONUMENT
406	641,452.19	38,177.59	4,293.05	41°18'15.9325"	112°00'32.3616"		CURLY-406	STANDARD CURLY MONUMENT
932	644,498	36,836	4,283.39	41°18'46"	112°00'50"		BM Q 92 NGS	BENCHMARK DISK IN CULVERT PID# MS0131



- LEGEND**
- ⊕ NGS MONUMENT-FEDERAL BASE NETWORK (FBN)
  - ⊙ PRIMARY BASE NETWORK STATION (PBN)
  - △ SECONDARY BASE NETWORK STATION (SBN)
  - TERTIARY CONTROL MONUMENTS
  - ⊗ NGS BENCHMARK

	<p>90 NORTH MAIN Bountiful, Utah 84010 (801) 298-2401 FAX (801) 298-2024</p>		Surveyed : SOK,BH,GCR,SS,BB - 2009 Drawn : RM Date : 09/10 Designer : LKS Check : TEJ Scale : 1" = 1000' Job No. : 403002 File S:\Projects\403002\Comm_North_ROW_ROS\Drawings	UTAH TRANSIT AUTHORITY COMMUTER RAIL RIGHT OF WAY SURVEY SURVEY CONTROL DATA 2700 NORTH WEBER COUNTY, UTAH	DWG NO. <b>C-W3</b>
--	--	--	--	--	------------------------

FOUND SW CORNER SEC 23 T5N,R2W,SLB&M      S00°09'12"W 2646.98' (SECTION CORNER TO SECTION CORNER)      FOUND W 1/4 CORNER SEC 23 T5N,R2W,SLB&M      S00°09'31"W 2641.11' (SECTION CORNER TO SECTION CORNER)      FOUND NW CORNER SEC 23 T5N,R2W,SLB&M



**LEGAL DESCRIPTION**  
**UTAH TRANSIT AUTHORITY RIGHT OF WAY**  
**TRACT W1 Located in the NW 1/4 and SW 1/4, Section 23, Township 5 North, Range 2 West, Salt Lake Base and Meridian**  
 Beginning at the point of intersection of the Easterly Right of Way Line of said Union Pacific Railroad and the North Line of said Section 23, said point being North 89°59'25" West 1338.92 feet from the North Quarter Corner of said Section 23, said point also being South 89°59'25" East 1301.63 feet from the Northwest Corner of said Section 23; thence South 16°16'16" East 2751.67 feet along said Easterly Right of Way Line; thence North 89°59'03" West 52.09 feet along said Easterly Right of Way Line; thence South 16°16'16" East 655.41 feet along said Easterly Right of Way Line to a point on the South Line of Weber County; said South Line as defined in that certain "Declaration of County Line Common to Weber and Davis County, Utah", Weber County Recorder Entry 1885948, Book 56, Page 88-92, and Davis County Recorder Entry 1801572, Book 3161, Page 466; thence North 89°49'48" West 22.37 feet along said South County Line; thence North 16°16'13" West 3407.00 feet to the North Line of said Section 23; thence South 89°59'25" East 74.39 feet along said North Line to the Point of Beginning. Contains 210,607 square feet or 4.8349 acres.

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100 0 100 200  
 SCALE IN FEET



**REDCON, INC.**  
 LAND SURVEYORS  
 90 NORTH MAIN  
 Bountiful, Utah 84010  
 (801) 298-2401 FAX (801) 298-2024

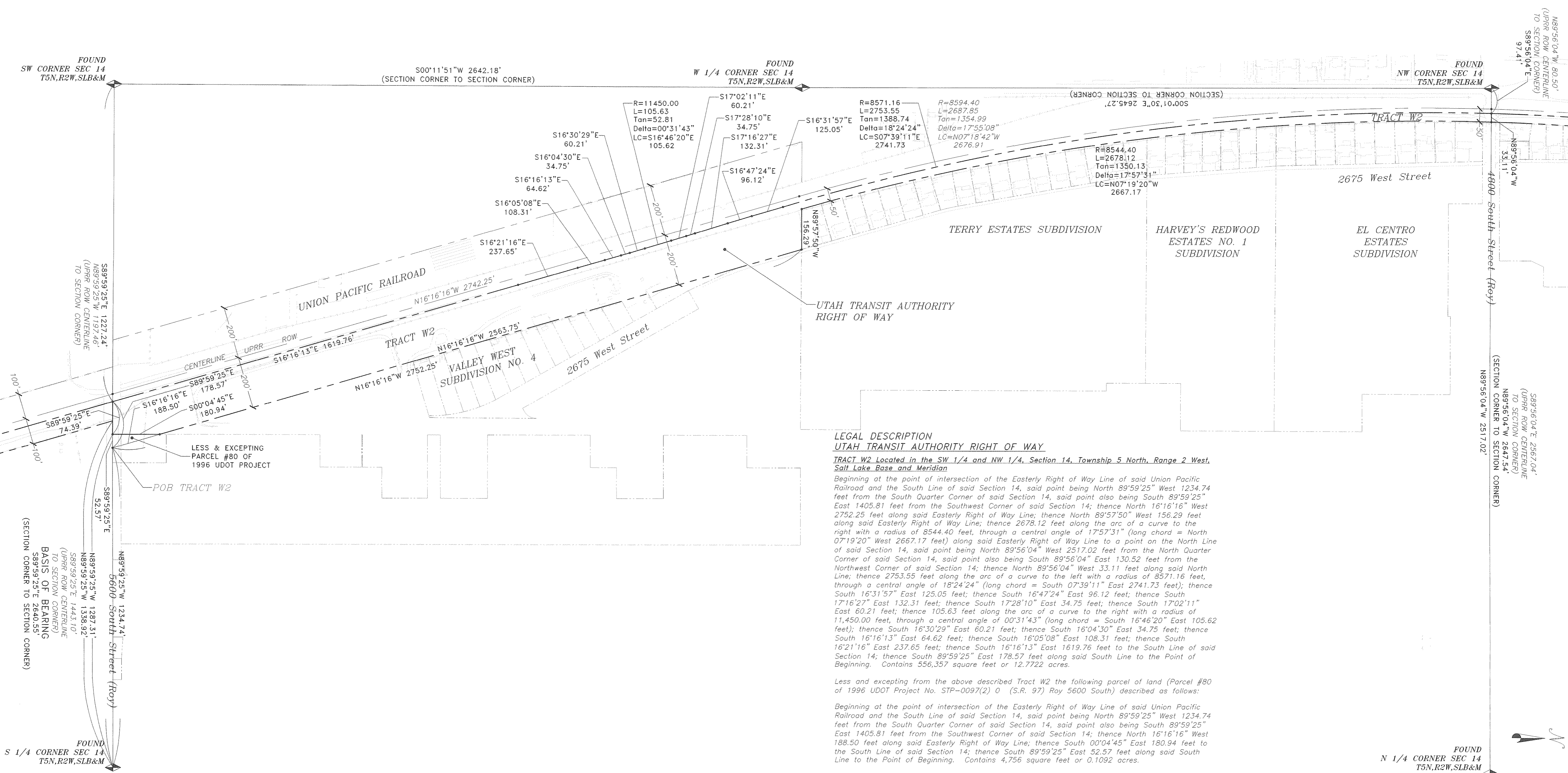


2004-2005  
 Surveyed : SOK,BH,GCR,SS,BB - 2009  
 Drawn : RM Date : 09/10  
 Designer : LKS Check : TEJ  
 Scale : 1" = 200'  
 Job No : 403002  
 File s:\Projects\403002\Comm\_North\_ROW\_ROS\Drawings

**UTAH TRANSIT AUTHORITY COMMUTER RAIL**  
**RIGHT OF WAY SURVEY**  
**TRACT W1 - SECTION 23**  
 TOWNSHIP 5 NORTH, RANGE 2 WEST, SLB&M  
 WEBER COUNTY, UTAH

DWG NO.  
**W-01**





**LEGAL DESCRIPTION**  
**UTAH TRANSIT AUTHORITY RIGHT OF WAY**  
 TRACT W2 Located in the SW 1/4 and NW 1/4, Section 14, Township 5 North, Range 2 West, Salt Lake Base and Meridian

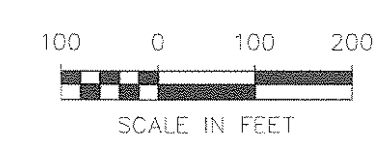
Beginning at the point of intersection of the Easterly Right of Way Line of said Union Pacific Railroad and the South Line of said Section 14, said point being North 89°59'25" West 1234.74 feet from the South Quarter Corner of said Section 14, said point also being South 89°59'25" East 1405.81 feet from the Southwest Corner of said Section 14; thence North 16°16'16" West 2752.25 feet along said Easterly Right of Way Line; thence North 89°57'50" West 156.29 feet along said Easterly Right of Way Line; thence 2678.12 feet along the arc of a curve to the right with a radius of 8544.40 feet, through a central angle of 17°57'31" (long chord = North 07°19'20" West 2667.17 feet) along said Easterly Right of Way Line to a point on the North Line of said Section 14, said point being North 89°56'04" West 2517.02 feet from the North Quarter Corner of said Section 14, said point also being South 89°56'04" East 130.52 feet from the Northwest Corner of said Section 14; thence North 89°56'04" West 33.11 feet along said North Line; thence 2753.55 feet along the arc of a curve to the left with a radius of 8571.16 feet, through a central angle of 18°24'24" (long chord = South 07°39'11" East 2741.73 feet); thence South 16°31'57" East 125.05 feet; thence South 16°47'24" East 96.12 feet; thence South 17°16'27" East 132.31 feet; thence South 17°28'10" East 34.75 feet; thence South 17°02'11" East 60.21 feet; thence 105.63 feet along the arc of a curve to the right with a radius of 11,450.00 feet, through a central angle of 00°31'43" (long chord = South 16°46'20" East 105.62 feet); thence South 16°30'29" East 60.21 feet; thence South 16°04'30" East 34.75 feet; thence South 16°16'13" East 64.62 feet; thence South 16°05'08" East 108.31 feet; thence South 16°21'16" East 237.65 feet; thence South 16°16'13" East 1619.76 feet to the South Line of said Section 14; thence South 89°59'25" East 178.57 feet along said South Line to the Point of Beginning. Contains 556,357 square feet or 12.7722 acres.

Less and excepting from the above described Tract W2 the following parcel of land (Parcel #80 of 1996 UDOT Project No. STP-0097(2) 0 (S.R. 97) Roy 5600 South) described as follows:

Beginning at the point of intersection of the Easterly Right of Way Line of said Union Pacific Railroad and the South Line of said Section 14, said point being North 89°59'25" West 1234.74 feet from the South Quarter Corner of said Section 14, said point also being South 89°59'25" East 1405.81 feet from the Southwest Corner of said Section 14; thence North 16°16'16" West 188.50 feet along said Easterly Right of Way Line; thence South 00°04'45" East 180.94 feet to the South Line of said Section 14; thence South 89°59'25" East 52.57 feet along said South Line to the Point of Beginning. Contains 4,756 square feet or 0.1092 acres.

Total 551,602 square feet or 12.6630 acres.

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**PARSONS**



**REDCON, INC.**  
 LAND SURVEYORS  
 90 NORTH MAIN  
 Bountiful, Utah 84010  
 (801) 298-2401 FAX (801) 298-2024

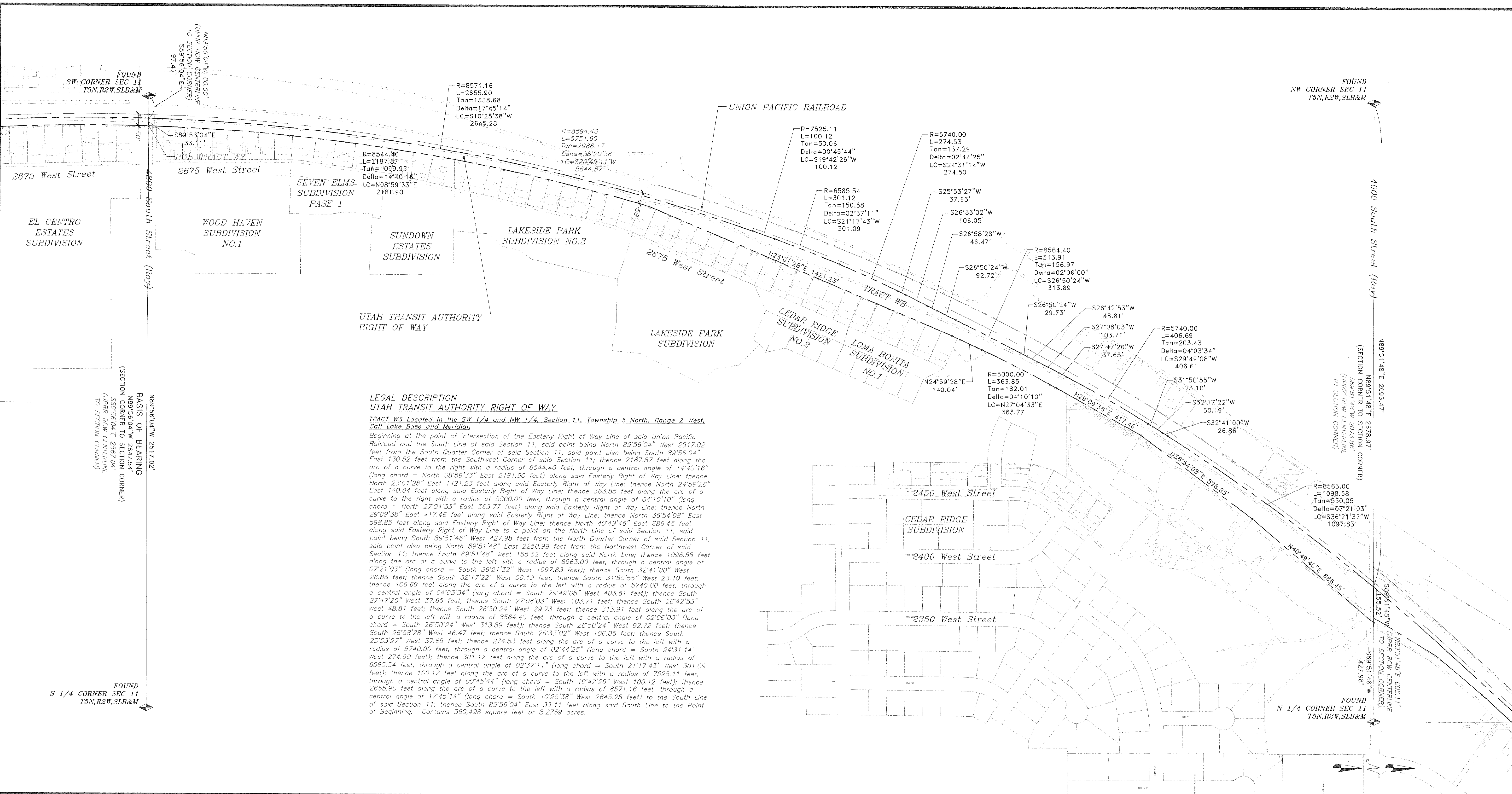


**commuter rail**  
 UTA

2004-2005  
 Surveyed : SOK,BH,GCR,SS,BB - 2009  
 Drawn : RM Date : 09/10  
 Designer : LKS Check : TEJ  
 Scale : 1" = 200'  
 Job No. : 403002  
 File S:\Projects\403002\Comm\_North\_ROW\_RDS\Drawings

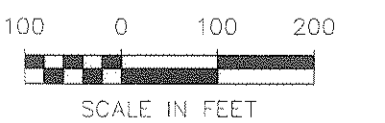
**UTAH TRANSIT AUTHORITY COMMUTER RAIL**  
**RIGHT OF WAY SURVEY**  
 TRACT W2 - SECTION 14  
 TOWNSHIP 5 NORTH, RANGE 2 WEST, SLB&M  
 WEBER COUNTY, UTAH

DWG NO.  
**W-02**



**LEGAL DESCRIPTION**  
**UTAH TRANSIT AUTHORITY RIGHT OF WAY**  
**TRACT W3 Located in the SW 1/4 and NW 1/4, Section 11, Township 5 North, Range 2 West, Salt Lake Base and Meridian**  
 Beginning at the point of intersection of the Easterly Right of Way Line of said Union Pacific Railroad and the South Line of said Section 11, said point being North 89°56'04" West 2517.02 feet from the South Quarter Corner of said Section 11, said point also being South 89°56'04" East 130.52 feet from the Southwest Corner of said Section 11; thence 2187.87 feet along the arc of a curve to the right with a radius of 8544.40 feet, through a central angle of 14°40'16" (long chord = North 08°59'33" East 2181.90 feet) along said Easterly Right of Way Line; thence North 23°01'28" East 1421.23 feet along said Easterly Right of Way Line; thence North 24°59'28" East 140.04 feet along said Easterly Right of Way Line; thence 363.85 feet along the arc of a curve to the right with a radius of 5000.00 feet, through a central angle of 04°10'10" (long chord = North 27°04'33" East 363.77 feet) along said Easterly Right of Way Line; thence North 29°09'38" East 417.46 feet along said Easterly Right of Way Line; thence North 36°54'08" East 598.85 feet along said Easterly Right of Way Line; thence North 40°49'46" East 686.45 feet along said Easterly Right of Way Line to a point on the North Line of said Section 11, said point also being North 89°51'48" East 2250.99 feet from the Northwest Corner of said Section 11; thence South 89°51'48" West 155.52 feet along said North Line; thence 1098.58 feet along the arc of a curve to the left with a radius of 8563.00 feet, through a central angle of 07°21'03" (long chord = South 36°21'32" West 1097.83 feet); thence South 32°41'00" West 26.86 feet; thence South 32°17'22" West 50.19 feet; thence South 31°50'55" West 23.10 feet; thence 406.69 feet along the arc of a curve to the left with a radius of 5740.00 feet, through a central angle of 04°03'34" (long chord = South 29°49'08" West 406.61 feet); thence South 27°47'20" West 37.65 feet; thence South 27°08'03" West 103.71 feet; thence South 26°42'53" West 48.81 feet; thence South 26°50'24" West 29.73 feet; thence 313.91 feet along the arc of a curve to the left with a radius of 8564.40 feet, through a central angle of 02°06'00" (long chord = South 26°50'24" West 313.89 feet); thence South 26°50'24" West 92.72 feet; thence South 26°58'28" West 46.47 feet; thence South 26°33'02" West 106.05 feet; thence South 25°53'27" West 37.65 feet; thence 274.53 feet along the arc of a curve to the left with a radius of 5740.00 feet, through a central angle of 02°44'25" (long chord = South 24°31'14" West 274.50 feet); thence 301.12 feet along the arc of a curve to the left with a radius of 6585.54 feet, through a central angle of 02°37'11" (long chord = South 21°17'43" West 301.09 feet); thence 100.12 feet along the arc of a curve to the left with a radius of 7525.11 feet, through a central angle of 00°45'44" (long chord = South 19°42'26" West 100.12 feet); thence 2655.90 feet along the arc of a curve to the left with a radius of 8571.16 feet, through a central angle of 17°45'14" (long chord = South 10°25'38" West 2645.28 feet) to the South Line of said Section 11; thence South 89°56'04" East 33.11 feet along said South Line to the Point of Beginning. Contains 360,498 square feet or 8.2759 acres.

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 LAND SURVEYORS  
 90 NORTH MAIN  
 Bountiful, Utah 84010  
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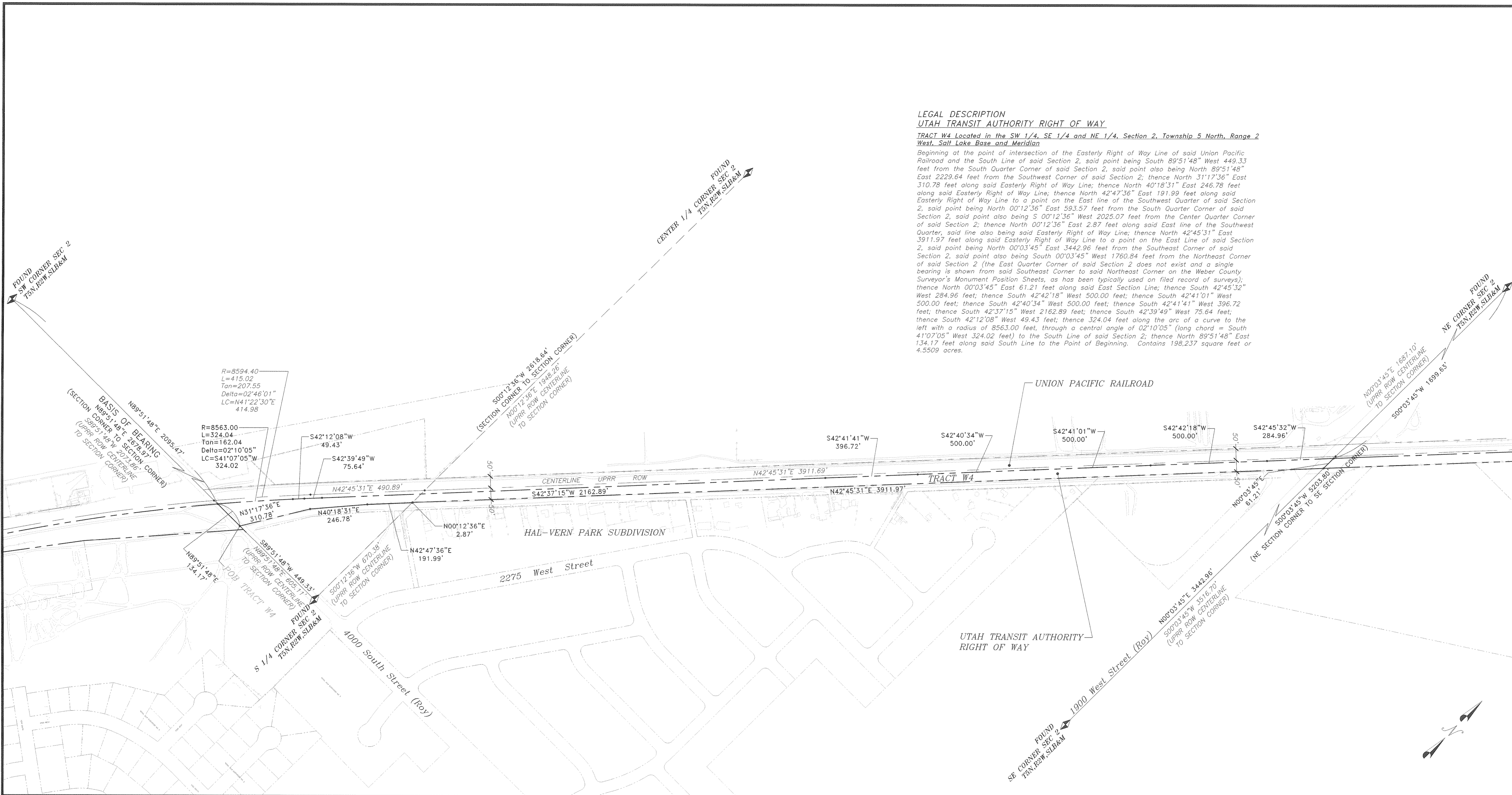


2004-2005  
 Surveyed by: SOK, BH, GCR, SS, BB - 2009  
 Drawn by: RM Date: 09/10  
 Designer: LKS Check: TEJ  
 Scale: 1" = 200'  
 Job No.: 403002  
 File: s:\Projects\403002\Comm North ROW R05\Drawings

**UTAH TRANSIT AUTHORITY COMMUTER RAIL**  
**RIGHT OF WAY SURVEY**  
**TRACT W3 - SECTION 11**  
 TOWNSHIP 5 NORTH, RANGE 2 WEST, SLB&M  
 WEBER COUNTY, UTAH

DWG NO.  
**W-03**





**LEGAL DESCRIPTION  
UTAH TRANSIT AUTHORITY RIGHT OF WAY**

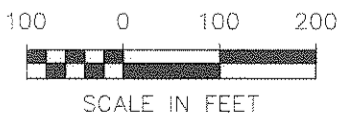
**TRACT W4 Located in the SW 1/4, SE 1/4 and NE 1/4, Section 2, Township 5 North, Range 2 West, Salt Lake Base and Meridian**

Beginning at the point of intersection of the Easterly Right of Way Line of said Union Pacific Railroad and the South Line of said Section 2, said point being South 89°51'48" West 449.33 feet from the South Quarter Corner of said Section 2, said point also being North 89°51'48" East 2229.64 feet from the Southwest Corner of said Section 2; thence North 31°17'36" East 310.78 feet along said Easterly Right of Way Line; thence North 40°18'31" East 246.78 feet along said Easterly Right of Way Line; thence North 42°47'36" East 191.99 feet along said Easterly Right of Way Line to a point on the East line of the Southwest Quarter of said Section 2, said point being North 00°12'36" East 593.57 feet from the South Quarter Corner of said Section 2, said point also being S 00°12'36" West 2025.07 feet from the Center Quarter Corner of said Section 2; thence North 00°12'36" East 2.87 feet along said East line of the Southwest Quarter, said line also being said Easterly Right of Way Line; thence North 42°45'31" East 3911.97 feet along said Easterly Right of Way Line to a point on the East Line of said Section 2, said point being North 00°03'45" East 3442.96 feet from the Southeast Corner of said Section 2, said point also being South 00°03'45" West 1760.84 feet from the Northeast Corner of said Section 2 (the East Quarter Corner of said Section 2 does not exist and a single bearing is shown from said Southeast Corner to said Northeast Corner on the Weber County Surveyor's Monument Position Sheets, as has been typically used on filed record of surveys); thence North 00°03'45" East 61.21 feet along said East Section Line; thence South 42°45'32" West 284.96 feet; thence South 42°42'18" West 500.00 feet; thence South 42°41'01" West 500.00 feet; thence South 42°40'34" West 500.00 feet; thence South 42°41'41" West 396.72 feet; thence South 42°37'15" West 2162.89 feet; thence South 42°39'49" West 75.64 feet; thence South 42°12'08" West 49.43 feet; thence 324.04 feet along the arc of a curve to the left with a radius of 8563.00 feet, through a central angle of 02°10'05" (long chord = South 41°07'05" West 324.02 feet) to the South Line of said Section 2; thence North 89°51'48" East 134.17 feet along said South Line to the Point of Beginning. Contains 198,237 square feet or 4.5509 acres.

R=8594.40  
L=415.02  
Tan=207.55  
Delta=02°48'01"  
LC=N41°22'30"E  
414.98

R=8563.00  
L=324.04  
Tan=162.04  
Delta=02°10'05"  
LC=S41°07'05"W  
324.02

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Bountiful, Utah 84010  
(801) 298-2401 FAX (801) 298-2024



2004-2005  
Surveyed : SOK,BH,GCR,SS,BB - 2009  
Drawn : RM Date : 09/10  
Designer : LKS Check : TEJ  
Scale : 1" = 200'  
Job No. : 403002  
File s:\Projects\403002\Comm\North\_ROW\_R09\Drawings

**UTAH TRANSIT AUTHORITY COMMUTER RAIL  
RIGHT OF WAY SURVEY**  
**TRACT W4 - SECTION 2**  
TOWNSHIP 5 NORTH, RANGE 2 WEST, SLB&M  
WEBER COUNTY, UTAH

DWG. NO.  
**W-04**



**LEGAL DESCRIPTION  
UTAH TRANSIT AUTHORITY RIGHT OF WAY**

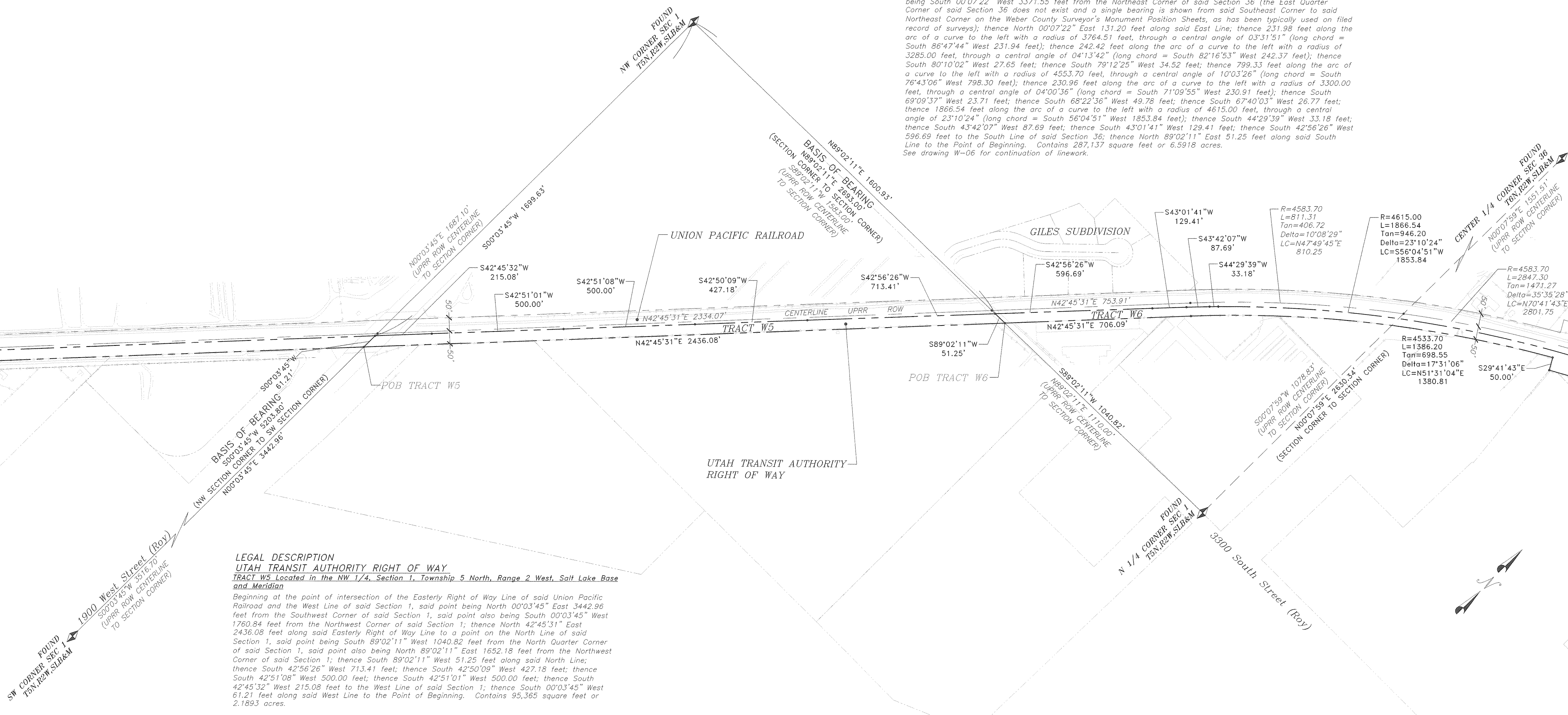
**TRACT W6 Located in the SW 1/4 and SE 1/4, Section 36, Township 6 North, Range 2 West, Salt Lake Base and Meridian**

Beginning at the point of intersection of the Southeastly Right of Way Line of said Union Pacific Railroad and the South Line of said Section 36, said point being South 89°02'11" West 1040.82 feet from the South Quarter Corner of said Section 36, said point also being North 89°02'11" East 1652.18 feet from the Southwest Corner of said Section 36; thence North 42°45'31" East 706.09 feet along said Southeastly Right of Way Line; thence 1386.20 feet along the arc of a curve to the right with a radius of 4533.70 feet, through a central angle of 17°31'06" (long chord = North 51°31'04" East 1380.81 feet) along said Southeastly Right of Way Line; thence South 29°41'43" East 50.00 feet along said Southeastly Right of Way Line; thence 851.19 feet along the arc of a curve to the right with a radius of 4483.75 feet, through a central angle of 10°52'37" (long chord = North 65°42'55" East 849.91 feet) along said Southeastly Right of Way Line; thence North 79°43'58" East 630.07 feet along said Southeastly Right of Way Line; thence 712.22 feet along the arc of a curve to the right with a radius of 4433.75 feet, through a central angle of 09°12'14" (long chord = North 83°50'00" East 711.46 feet) along said Southeastly Right of Way Line to a point on the East Line of said Section 36, said point being North 00°07'22" East 1866.10 feet from the Southeast Corner of said Section 36, said point also being South 00°07'22" West 3371.55 feet from the Northeast Corner of said Section 36 (the East Quarter Corner of said Section 36 does not exist and a single bearing is shown from said Southeast Corner to said Northeast Corner on the Weber County Surveyor's Monument Position Sheets, as has been typically used on filed record of surveys); thence North 00°07'22" East 131.20 feet along said East Line; thence 231.98 feet along the arc of a curve to the left with a radius of 3764.51 feet, through a central angle of 03°31'51" (long chord = South 86°47'44" West 231.94 feet); thence 242.42 feet along the arc of a curve to the left with a radius of 3285.00 feet, through a central angle of 04°13'42" (long chord = South 82°16'53" West 242.37 feet); thence South 80°10'02" West 27.65 feet; thence South 79°12'25" West 34.52 feet; thence 799.33 feet along the arc of a curve to the left with a radius of 4553.70 feet, through a central angle of 10°03'26" (long chord = South 76°43'06" West 798.30 feet); thence 230.96 feet along the arc of a curve to the left with a radius of 3300.00 feet, through a central angle of 04°00'36" (long chord = South 71°09'55" West 230.91 feet); thence South 69°09'37" West 23.71 feet; thence South 68°22'36" West 49.78 feet; thence South 67°40'03" West 26.77 feet; thence 1866.54 feet along the arc of a curve to the left with a radius of 4615.00 feet, through a central angle of 23°10'24" (long chord = South 56°04'51" West 1853.84 feet); thence South 44°29'39" West 33.18 feet; thence South 43°42'07" West 87.69 feet; thence South 43°01'41" West 129.41 feet; thence South 42°56'26" West 596.69 feet to the South Line of said Section 36; thence North 89°02'11" East 51.25 feet along said South Line to the Point of Beginning. Contains 287,137 square feet or 6.5918 acres. See drawing W-06 for continuation of linework.

**LEGAL DESCRIPTION  
UTAH TRANSIT AUTHORITY RIGHT OF WAY**

**TRACT W5 Located in the NW 1/4, Section 1, Township 5 North, Range 2 West, Salt Lake Base and Meridian**

Beginning at the point of intersection of the Easterly Right of Way Line of said Union Pacific Railroad and the West Line of said Section 1, said point being North 00°03'45" East 3442.96 feet from the Southwest Corner of said Section 1, said point also being South 00°03'45" West 1760.84 feet from the Northwest Corner of said Section 1; thence North 42°45'31" East 2436.08 feet along said Easterly Right of Way Line to a point on the North Line of said Section 1, said point being South 89°02'11" West 1040.82 feet from the North Quarter Corner of said Section 1, said point also being North 89°02'11" East 1652.18 feet from the Northwest Corner of said Section 1; thence South 89°02'11" West 51.25 feet along said North Line; thence South 42°56'26" West 713.41 feet; thence South 42°50'09" West 427.18 feet; thence South 42°51'08" West 500.00 feet; thence South 42°51'01" West 500.00 feet; thence South 42°45'32" West 215.08 feet to the West Line of said Section 1; thence South 00°03'45" West 61.21 feet along said West Line to the Point of Beginning. Contains 95,365 square feet or 2.1893 acres.



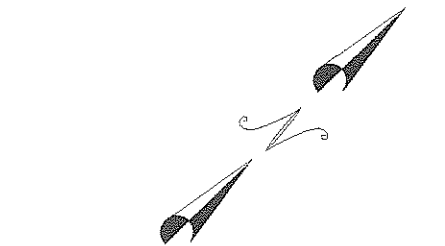
FOUND  
SW CORNER SEC 1  
T5N, R2W, SLB&M

1900 West Street (Row)  
S00°03'45"W 3316.70'  
(UPRR ROW CENTERLINE TO SECTION CORNER)

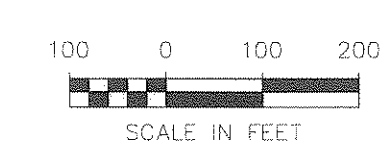
NW SECTION CORNER TO SW SECTION CORNER  
S00°03'45"W 61.21'

BASIS OF BEARING  
S00°03'45"W 5003.80'  
N00°03'45"E 3442.96'

POB TRACT W5



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**REDCON, INC.**  
LAND SURVEYORS  
90 NORTH MAIN  
Bountiful, Utah 84010  
(801) 298-2401 FAX (801) 298-2024



2004-2005  
Surveyed : SOK, BH, GCR, SS, BB - 2009  
Drawn : RM Date : 09/10  
Designer : LKS Check : TEJ  
Scale : 1" = 200'  
Job No. : 403002  
File S:\Projects\403002\Comm North ROW ROWS\Drawings

**UTAH TRANSIT AUTHORITY COMMUTER RAIL  
RIGHT OF WAY SURVEY**  
**TRACT W5 - SECTION 1**  
TOWNSHIP 5 NORTH, RANGE 2 WEST, SLB&M  
**TRACT W6 - SECTION 36 PARTIAL**  
TOWNSHIP 6 NORTH, RANGE 2 WEST, SLB&M  
WEBER COUNTY, UTAH

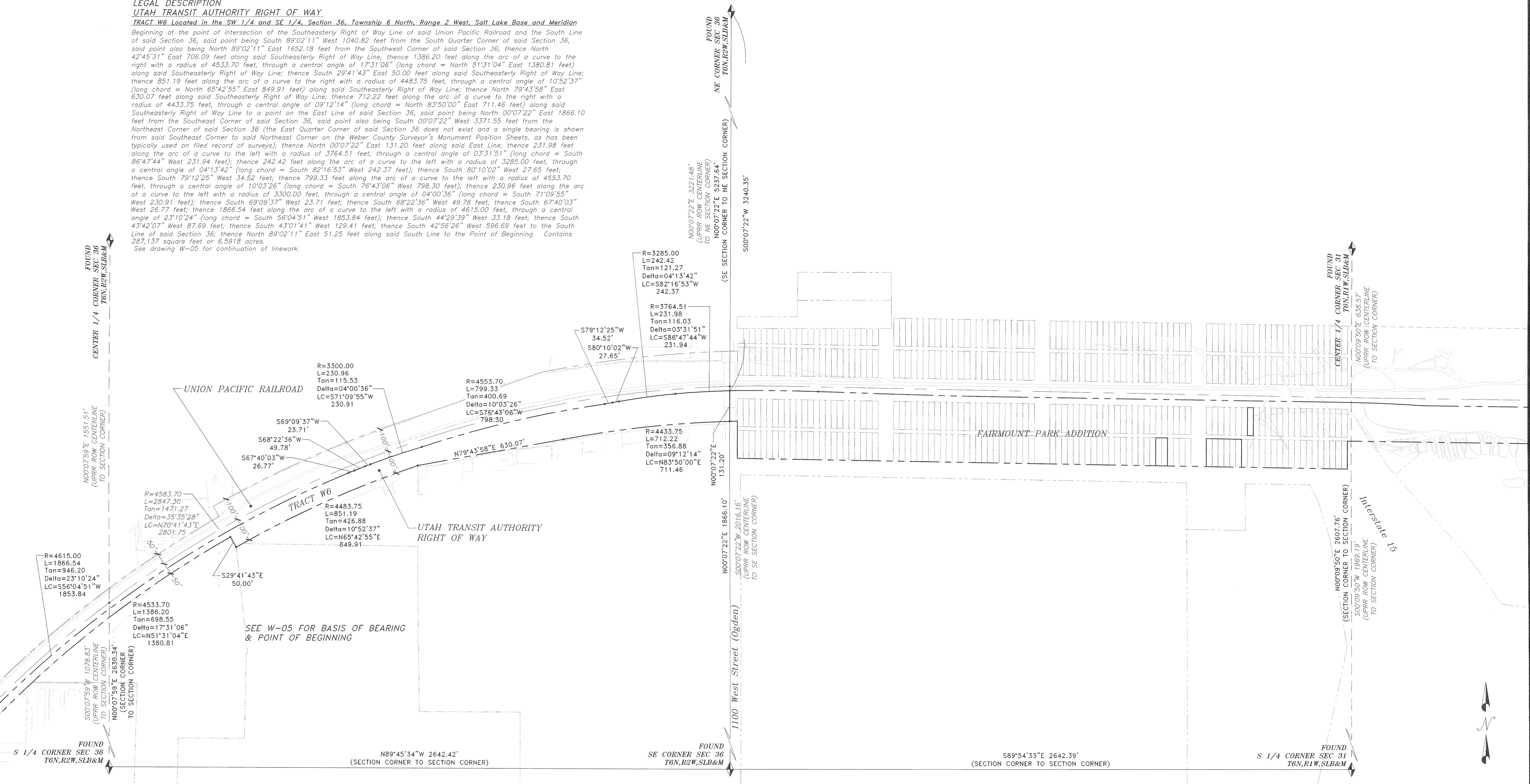
DWG NO.  
**W-05**

**LEGAL DESCRIPTION**  
**UTAH TRANSIT AUTHORITY RIGHT OF WAY**

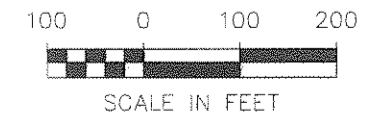
**TRACT W6** Located in the SW 1/4 and SE 1/4, Section 36, Township 6 North, Range 2 West, Salt Lake Base and Meridian

Beginning at the point of intersection of the Southeastery Right of Way Line of said Union Pacific Railroad and the South Line of said Section 36, said point being South 89°02'11" West 1040.82 feet from the South Quarter Corner of said Section 36, said point also being North 89°02'11" East 1652.18 feet from the Southwest Corner of said Section 36; thence North 42°45'31" East 706.09 feet along said Southeastery Right of Way Line; thence 1386.20 feet along the arc of a curve to the right with a radius of 4533.70 feet, through a central angle of 17°31'06" (long chord = North 51°31'04" East 1380.81 feet) along said Southeastery Right of Way Line; thence South 29°41'43" East 50.00 feet along said Southeastery Right of Way Line; thence 851.19 feet along the arc of a curve to the right with a radius of 4483.75 feet, through a central angle of 10°52'37" (long chord = North 65°42'55" East 849.91 feet) along said Southeastery Right of Way Line; thence North 79°43'58" East 630.07 feet along said Southeastery Right of Way Line; thence 712.22 feet along the arc of a curve to the right with a radius of 4433.75 feet, through a central angle of 09°12'14" (long chord = North 83°50'00" East 711.46 feet) along said Southeastery Right of Way Line to a point on the East Line of said Section 36, said point being North 00°07'22" East 1866.10 feet from the Southeast Corner of said Section 36, said point also being South 00°07'22" West 3371.55 feet from the Northeast Corner of said Section 36 (the East Quarter Corner of said Section 36 does not exist and a single bearing is shown from said Southeast Corner to said Northeast Corner on the Weber County Surveyor's Monument Position Sheets, as has been typically used on filed record of surveys); thence North 00°07'22" East 131.20 feet along said East Line; thence 231.98 feet along the arc of a curve to the left with a radius of 3764.51 feet, through a central angle of 03°31'51" (long chord = South 86°47'44" West 231.94 feet); thence 242.42 feet along the arc of a curve to the left with a radius of 5285.00 feet, through a central angle of 04°13'42" (long chord = South 82°16'53" West 242.37 feet); thence South 60°10'02" West 27.65 feet; thence South 79°12'25" West 34.52 feet; thence 799.33 feet along the arc of a curve to the left with a radius of 4553.70 feet, through a central angle of 10°03'26" (long chord = South 76°43'06" West 798.30 feet); thence 230.96 feet along the arc of a curve to the left with a radius of 3300.00 feet, through a central angle of 04°00'36" (long chord = South 71°09'55" West 230.91 feet); thence South 69°09'37" West 23.71 feet; thence South 68°22'36" West 49.78 feet; thence South 67°40'03" West 26.77 feet; thence 1866.54 feet along the arc of a curve to the left with a radius of 4615.00 feet, through a central angle of 23°10'24" (long chord = South 56°04'51" West 1853.84 feet); thence South 44°29'39" West 33.18 feet; thence South 43°42'07" West 87.69 feet; thence South 43°01'41" West 129.41 feet; thence South 42°56'26" West 596.69 feet to the South Line of said Section 36; thence North 89°02'11" East 51.25 feet along said South Line to the Point of Beginning. Contains 287,137 square feet or 6.5918 acres.

See drawing W-05 for continuation of linework.



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LAND SURVEYORS  
90 NORTH MAIN  
Bountiful, Utah 84010  
(801) 298-2401 FAX (801) 298-2024

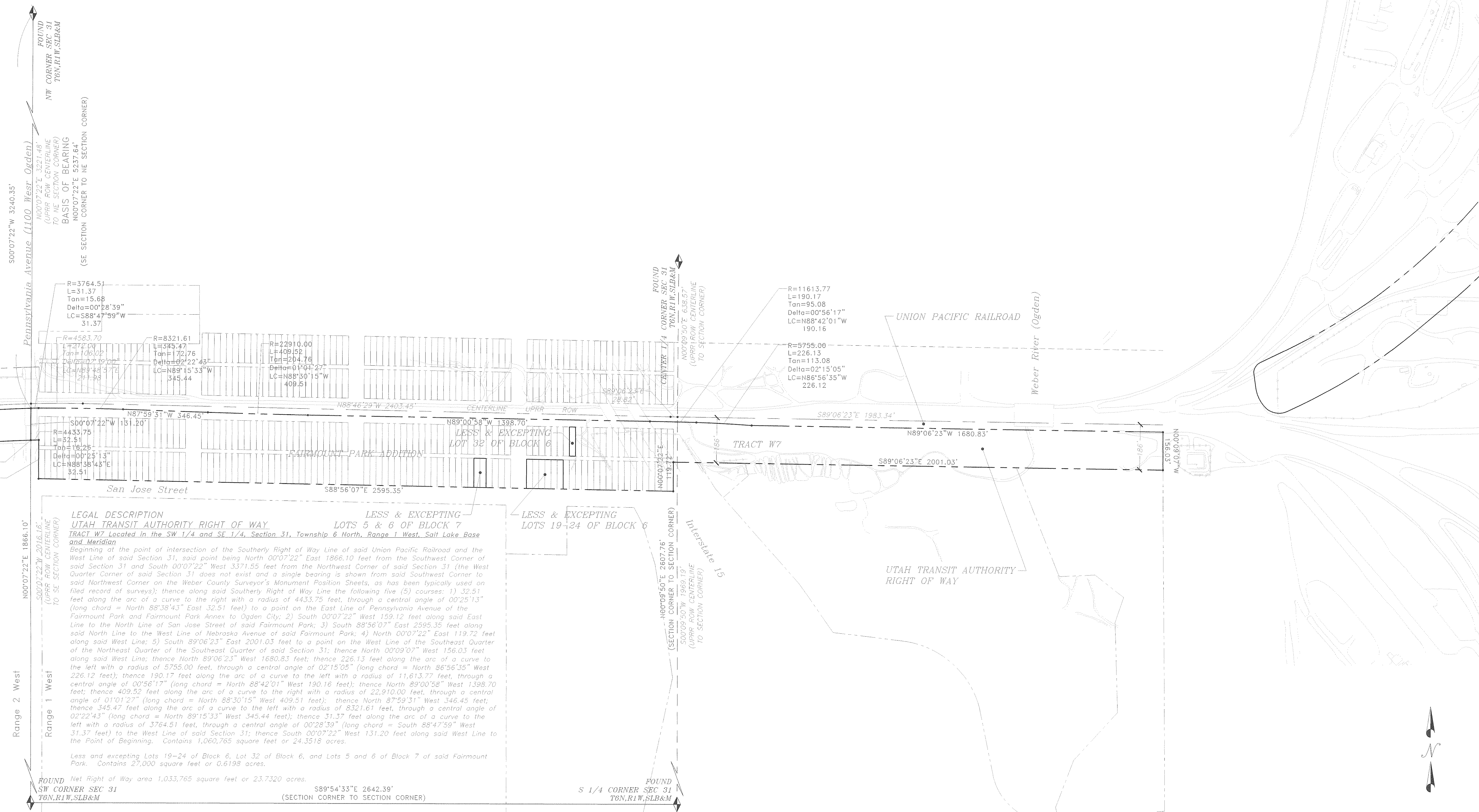


2004-2005  
Surveyed : SQK,BH,GCR,SS,BB - 2009  
Drawn : RM Date : 09/10  
Designer : LKS Check : TEJ  
Scale : 1" = 200'  
Job No. : 403002  
File : s:\Projects\403002\Comm\_North\_ROW\_R05\Drawings

**UTAH TRANSIT AUTHORITY COMMUTER RAIL**  
**RIGHT OF WAY SURVEY**  
**TRACT W6 - SECTION 36 PARTIAL**  
TOWNSHIP 6 NORTH, RANGE 2 WEST, SLB&M  
WEBER COUNTY, UTAH

DWG NO.  
**W-06**





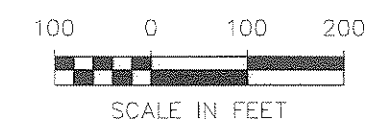
**LEGAL DESCRIPTION**  
**UTAH TRANSIT AUTHORITY RIGHT OF WAY**  
**TRACT W7** Located in the SW 1/4 and SE 1/4, Section 31, Township 6 North, Range 1 West, Salt Lake Base and Meridian

Beginning at the point of intersection of the Southerly Right of Way Line of said Union Pacific Railroad and the West Line of said Section 31, said point being North 00°07'22" East 1866.10 feet from the Southwest Corner of said Section 31 and South 00°07'22" West 3371.55 feet from the Northwest Corner of said Section 31 (the West Quarter Corner of said Section 31 does not exist and a single bearing is shown from said Southwest Corner to said Northwest Corner on the Weber County Surveyor's Monument Position Sheets, as has been typically used on filed record of surveys); thence along said Southerly Right of Way Line the following five (5) courses: 1) 32.51 feet along the arc of a curve to the right with a radius of 4433.75 feet, through a central angle of 00°25'13" (long chord = North 88°38'43" East 32.51 feet) to a point on the East Line of Pennsylvania Avenue of the Fairmount Park and Fairmount Park Annex to Ogden City; 2) South 00°07'22" West 159.12 feet along said East Line to the North Line of San Jose Street of said Fairmount Park; 3) South 88°56'07" East 2595.35 feet along said North Line to the West Line of Nebraska Avenue of said Fairmount Park; 4) North 00°07'22" East 119.72 feet along said West Line; 5) South 89°06'23" East 2001.03 feet to a point on the West Line of the Southeast Quarter of the Northeast Quarter of said Section 31; thence North 00°09'07" West 156.03 feet along said West Line; thence North 89°06'23" West 1680.83 feet; thence 226.13 feet along the arc of a curve to the left with a radius of 5755.00 feet, through a central angle of 02°15'05" (long chord = North 86°56'35" West 226.12 feet); thence 190.17 feet along the arc of a curve to the left with a radius of 11,613.77 feet, through a central angle of 00°56'17" (long chord = North 88°42'01" West 190.16 feet); thence North 89°00'58" West 1398.70 feet; thence 409.52 feet along the arc of a curve to the right with a radius of 22,910.00 feet, through a central angle of 01°01'27" (long chord = North 88°30'15" West 409.51 feet); thence North 87°59'31" West 346.45 feet; thence 345.47 feet along the arc of a curve to the left with a radius of 8321.61 feet, through a central angle of 02°22'43" (long chord = North 89°15'33" West 345.44 feet); thence 31.37 feet along the arc of a curve to the left with a radius of 3764.51 feet, through a central angle of 00°28'39" (long chord = South 88°47'59" West 31.37 feet) to the West Line of said Section 31; thence South 00°07'22" West 131.20 feet along said West Line to the Point of Beginning. Contains 1,060,765 square feet or 24.3318 acres.

Less and excepting Lots 19-24 of Block 6, Lot 32 of Block 6, and Lots 5 and 6 of Block 7 of said Fairmount Park. Contains 27,000 square feet or 0.6198 acres.

Net Right of Way area 1,033,765 square feet or 23.7320 acres.

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**PARSONS**



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 Bountiful, Utah 84010  
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**commuter rail**  
 UTA

2004-2005  
 Surveyed : SOK, BH, GCR, SS, BB - 2009  
 Drawn : RM Date : 09/10  
 Designer : LKS Check : TEJ  
 Scale : 1" = 200'  
 Job No. : 403002  
 File : \\Projects\403002\Comm North ROW RGS Drawings

**UTAH TRANSIT AUTHORITY COMMUTER RAIL  
 RIGHT OF WAY SURVEY**

**TRACT W7 - SECTION 31**  
 TOWNSHIP 6 NORTH, RANGE 1-WEST, SLB&M  
 WEBER COUNTY, UTAH

DWG NO.  
**W-07**







