SURVEY PLAT

FOR

THE UTAH DEPARTMENT OF TRANSPORTATION, PROJECT No. F-0040(107)103

LOCATED IN SECTIONS 27 AND 34, OF TOWNSHIP 3 SOUTH, RANGE 2 WEST, UINTAH SPECIAL MERIDIAN

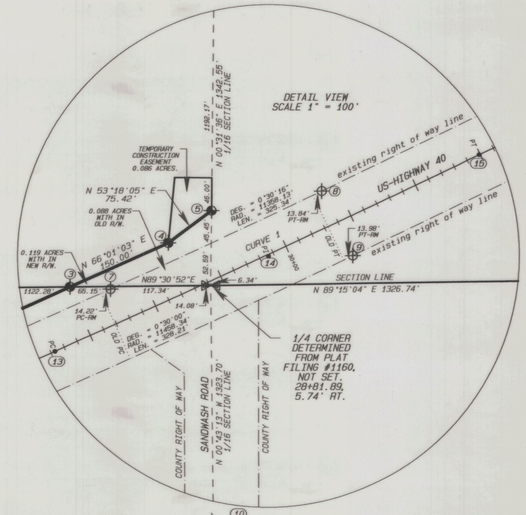
SHEET 1 OF 3

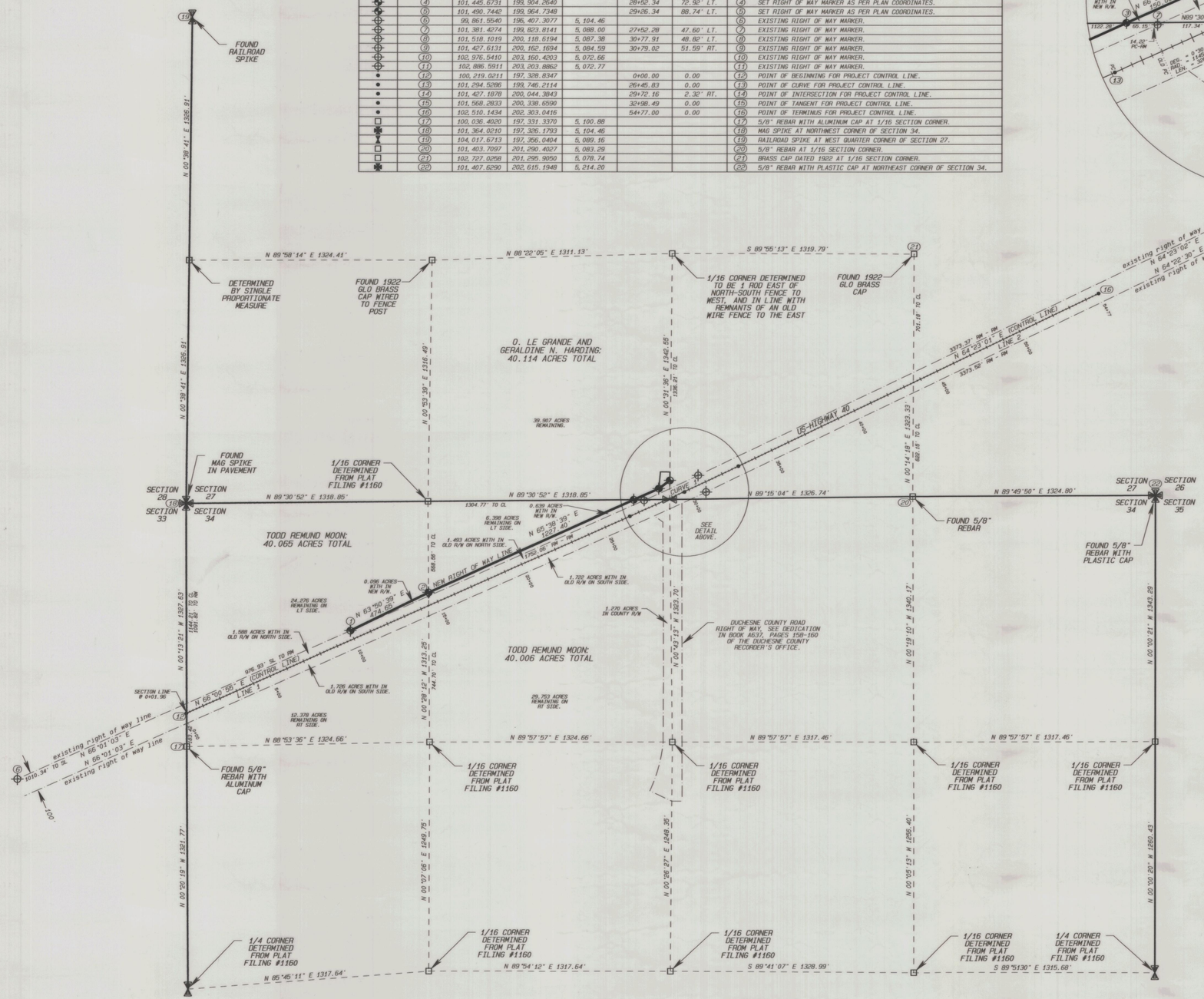
US-40 (PROJECT F-0040(107)103) CONTROL LINE DATA

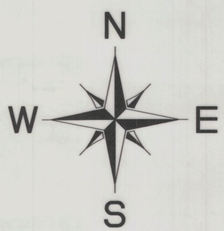
LINE OR CURVE	CHORD BEARING	ARC	RADIUS	DELTA	CHORD	TANGENT	MIDDLE ORDINATE	DEGREE OF CURVE
LINE 1	N 66°00'55" E				2645.83'			
CURVE 1	N 65°11'58" E	652.64'	22918.30'	1°37'54"	652.64'	326.35'	2.32'	0°15'00"
LINE 2	N 64°23'01" W				2178.51'			

PROJECT COORDINATES

SYMBOL	POINT No.	NORTHING	EASTING	ELEVATION	STATION	OFFSET		DESCRIPTION
	(1)	100,669.2915	198,223.0118		10+00.00	47.92' LT.	(1)	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	(2)	100,878.5217	198,649.0528		14+74.30	65.90' LT.	(2)	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	(3)	101,384.7046	199,767.2135		27+01.86	73.78' LT.	(3)	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	(4)	101,445.6731	199,904.2640		28+52.34	72.92' LT.	(4)	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	(5)	101,490.7442	199,964.7348		29+26.34	88.74' LT.	(5)	SET RIGHT OF WAY MARKER AS PER PLAN COORDINATES.
	(6)	99,861.5540	196,407.3077	5,104.46			(6)	EXISTING RIGHT OF WAY MARKER.
	(7)	101,381.4274	199,823.8141	5,088.00	27+52.28	47.60' LT.	(7)	EXISTING RIGHT OF WAY MARKER.
	(8)	101,518.1019	200,118.6194	5,087.38	30+77.91	48.82' LT.	(8)	EXISTING RIGHT OF WAY MARKER.
	(9)	101,427.6131	200,162.1694	5,084.59	30+79.02	51.59' RT.	(9)	EXISTING RIGHT OF WAY MARKER.
	(10)	102,976.5410	203,160.4203	5,072.66			(10)	EXISTING RIGHT OF WAY MARKER.
	(11)	102,886.5911	203,203.8862	5,072.77			(11)	EXISTING RIGHT OF WAY MARKER.
•	(12)	100,219.0211	197,328.8347		0+00.00	0.00	(12)	POINT OF BEGINNING FOR PROJECT CONTROL LINE.
•	(13)	101,294.5286	199,746.2114		26+45.83	0.00	(13)	POINT OF CURVE FOR PROJECT CONTROL LINE.
•	(14)	101,427.1878	200,044.3843		29+72.16	2.32' RT.	(14)	POINT OF INTERSECTION FOR PROJECT CONTROL LINE.
•	(15)	101,568.2833	200,338.6590		32+98.49	0.00	(15)	POINT OF TANGENT FOR PROJECT CONTROL LINE.
•	(16)	102,510.1434	202,303.0416		54+77.00	0.00	(16)	POINT OF TERMINUS FOR PROJECT CONTROL LINE.
□	(17)	100,036.4020	197,331.3370	5,100.88			(17)	5/8" REBAR WITH ALUMINUM CAP AT 1/16 SECTION CORNER.
✱	(18)	101,364.0210	197,326.1793	5,104.46			(18)	MAG SPIKE AT NORTHWEST CORNER OF SECTION 34.
✱	(19)	104,017.6713	197,356.0404	5,089.16			(19)	RAILROAD SPIKE AT WEST QUARTER CORNER OF SECTION 27.
□	(20)	101,403.7097	201,290.4027	5,083.29			(20)	5/8" REBAR AT 1/16 SECTION CORNER.
□	(21)	102,727.0258	201,295.9050	5,078.74			(21)	BRASS CAP DATED 1922 AT 1/16 SECTION CORNER.
✱	(22)	101,407.6290	202,615.1948	5,214.20			(22)	5/8" REBAR WITH PLASTIC CAP AT NORTHEAST CORNER OF SECTION 34.







SCALE 1"=300'

0 300 600

SURVEYOR'S NARRATIVE:

The primary purpose of this plat is to place on record five new Right of Way markers, set during the project named hereon. The intent of the markers is to delineate the outer lines of Right of Way acquired by the Utah Department of Transportation (UDOT) for highway widening. The Right of Way acquisition survey was performed by myself, Dan Peatross, as a sub-consultant to CIVCO Engineering, a UDOT Right of Way consulting firm. The five new Right of Way markers were also set by myself as per plan coordinates. All initial survey control and the basis of bearings for this project were provided by another consultant firm for UDOT, the identity of whom is unknown to me.

The control line (center line) for this project does not seem to match the original Right of Way center line as referenced by the old Right of Way markers still in place from the original highway construction in the 1920's. And the old original Right of Way markers near the P.C. and P.T. of the curve seem to have been set approximately 14 feet too far East, or up station along the original highway alignment.

The Right of Way drawings for this project, Project Number F-0040(107)103, which were part of the construction plan set are included as sheets 2 and 3 for imformation purposes and for the greater detail offered by them.

LEGAL DESCRIPTIONS:

New Right-of-Way acquired from Todd Remund Moon

A parcel of land being part of an entire tract located in the North half of the Northwest quarter of Section 34, Township 3 South, Range 2 West, Uintah Special Meridian, the boundary lines of said parcel are described as follows: Beginning at a point situated on the old North right-of-way line of U.S. Highway 40, said point being South 52°14'13" East 1134.44 feet from the Northwest corner of said Section 34, said point also being located at engineers station 10+00.00, 47.92 feet left of US-40, Project F-0040(107)103, thence North 63°50'39" East 474.65 feet to engineers station 14+74.30, 65.90 feet left, which is situated on the East line of the Northwest quarter of the Northwest quarter; thence North 65°38'39" East 1227.40 feet to a point on the North line of said Section 34, said point being North 89°30'52" East 2441.12 feet from the Northwest corner of said Section 34, said point also being offset Northwesterly parallel to said old North right-of-way line a distance of 26.00 feet, said point also being located at engineers station 27+01.86, 73.78 feet left; thence North 89°30'52" East 65.15 feet along said Section line to a point on said old North right-of-way line, said point also being at engineers station 27+61.67, 47.58 feet left, said point also being at the beginning of a non-tangent curve to the right, the radius point of which bears North 24°06'03" West, having a 11358.13 foot radius and a central angle of 00°07'08", and continuing the following two courses along said old North right-of-way line, thence 23.59 feet along the arc of said curve to engineers station 27+38.03, 47.67 feet left, thence South 66°01'03" West 1737.84 feet to the Point of Beginning. Contains 32,048 square feet more or less. The Basis of Bearings is along the West line of Section 34 between the North sixteenth and the Northwest Section corner, that bearing being North 00°13'21" West.

New Right-of-Way acquired from O. Le Grande Harding and Geraldine N. Harding

A parcel of land being part of an entire tract located in the Southeast quarter of the Southwest quarter of Section 27, Township 3 South, Range 2 West, Uintah Special Meridian, the boundary lines of said parcel are described as follows: Beginning at the intersection of the old North right-of-way line of U.S. Highway 40 and the South line of said Section 27, said point being North 89°30'52" East 2506.27 feet from the South-west corner of said Section 27, said point also being located at engineers station 27+61.67, 47.58 feet left of US-40, Project F-0040(107)103, thence South 89°30'52" West along said Section line a distance of 65.15 feet to a point being offset Northwesterly parallel to said old North right-of-way line a distance of 26.00 feet, said point also being located at engineers station 27+01.86, 73.78 feet left of US-40; thence North 66°01'03" East 150.00 feet to engineers station 28+52.34, 72.92 feet left; thence North 53°18'05" East 75.42 feet to a point located on the East line of the Southeast quarter of the Southwest quarter of said Section 27, said point being at engineers station 29+26.34, 88.74 feet left; thence South 00°31'36" West along said East line a distance of 45.45 feet to a point on said old North right-of-way line, said point being at engineers station 29+06.94, 47.61 feet left, said point also being at the beginning of a non-tangent curve to the right, the radius point of which bears North 24°49'55" West, having a 11358.13 foot radius and a central angle of 00°43'53"; thence 144.97 feet along the arc of said curve to the Point of Beginning. Contains 5,163 square feet more or less. The Basis of Bearings is along the West line of Section 27 between the Southwest Section corner and the West quarter corner, that bearing being North 00°38'41" East.

Temporary Construction Easement acquired from O. Le Grande Harding and Geraldine N. Harding

A temporary easement upon part of an entire tract of property situated in the SE1/4 SW1/4 of Section 27, T. 3 S., R. 2 W., U.S.M., for the purpose of constructing thereon irrigation and drainage ditches and appurtenant parts thereof to facilitate the construction widening of U.S. Highway 40 known as Project F-0040(107)103. This easement shall commence upon the beginning of actual construction on the property and shall continue only until project construction on the property is complete, or for three years, whichever first occurs. The easement shall be non-exclusive such that the Grantor may use the property at any time in a manner which does not interfere with construction activities. The boundaries of said part of an entire tract are described as follows:
Beginning at a point located North 88°11'09" East 2579.38 feet from the Southwest corner of said Section 27, said point being located at engineers station 28+52.34, 72.92 feet left of US-40, Project F-0040(107)103, thence North 05°33'00" East 91.98 feet to engineers station 28+98.70, 152.49 feet left of US-40; thence South 89°28'24" East 52.00 feet to a point on the East line of the Southeast quarter of the Southwest quarter of said Section 27, said point also being at engineers station 29+46.05, 130.34 left of US-40; thence South 00°31'36" West along said East line a distance of 46.00 feet to engineers station 29+26.34, 88.74 feet left of US-40; thence South 53°18'05" West 75.42 feet the to the Point of Beginning. Contains 3,763 square feet more or less. The Basis of Bearings is along the West line of Section 27 between the Southwest Section corner and the West quarter corner, that bearing being North 00°38'41" East.

SURVEYOR'S CERTIFICATE:

I, Daniel W. Peatross, do hereby certify that I am a Licensed Professional 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 made a survey of the tract of land as shown on this plat, and that the same is correct and true to the best of my knowledge and belief.

PROFESSIONAL LAND SURVEYOR No. 259966 Daniel W. Peatross STATE OF UTAH

Daniel W. Peatross 11/25/13

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

DATE RESEARCHED: MARCH 21, 28, 2012	RESEARCHED BY: D. PEATROSS	PROJECT No.: 12036
DATE MONUMENTS SET: JUNE 27, 28, 2013	SURVEYED BY: D. PEATROSS	SHEET: 1 OF: 3
DATE DRAFTED: NOVEMBER 2, 23, 2013	DRAFTED BY: D. PEATROSS	DATE PLOTTED: NOVEMBER 26, 2013

County Surveyor's File # 2882 (1 of 3)