

SHEET INDEX

1. SHEET INDEX, CONTROL NETWORK SCHEMATIC,
SURVEY NARRATIVE, SHEET LAYOUT, REFERENCES
AND CONTROL NARRATIVE.
2.-6. SURVEY

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SE 1/4 SEC. 26, T. 13 S., R. 31 E., W.M.
NE 1/4 SEC. 35, T. 13 S., R. 31 E., W.M.

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE EXISTING RIGHT OF WAY CENTER LINE AND RETRACE THE EXISTING RIGHT OF WAY MARGINS FOR A PORTION OF JOHN DAY - BURNS HIGHWAY (US395) FROM SW 4TH AVENUE SOUTHERLY TO THE SOUTHERLY BOUNDARY OF THE GRANT UNION HIGH SCHOOL PROPERTY, AND SW 4TH AVENUE FROM THE JOHN DAY - BURNS HIGHWAY SOUTHERLY TO SW BRENT DRIVE. THIS SURVEY IS ALSO TO PERPETUATE THOSE SURVEY MONUMENTS IN JEOPARDY OF BEING DESTROYED BY A FUTURE SIDEWALK CONSTRUCTION PROJECT TO BE INSTALLED ON THE SOUTHWESTERLY SIDE OF THE HIGHWAY. THIS SURVEY MEETS THE REQUIREMENTS FOR A RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES, SECTION 209.155.

THIS SURVEY WAS PERFORMED IN INTERNATIONAL FEET UNITS. THIS SURVEY WAS PERFORMED BETWEEN THE MONTHS OF NOVEMBER 2016 AND JANUARY 2017. THE SURVEY EQUIPMENT USED CONSISTED OF LEICA GS-14 RECEIVERS, A LEICA MS-50 TOTAL STATION, AND LEICA VIVA SURVEY CONTROLLERS.

JOHN DAY - BURNS HIGHWAY (US395) (S. CANYON CITY BLVD.)

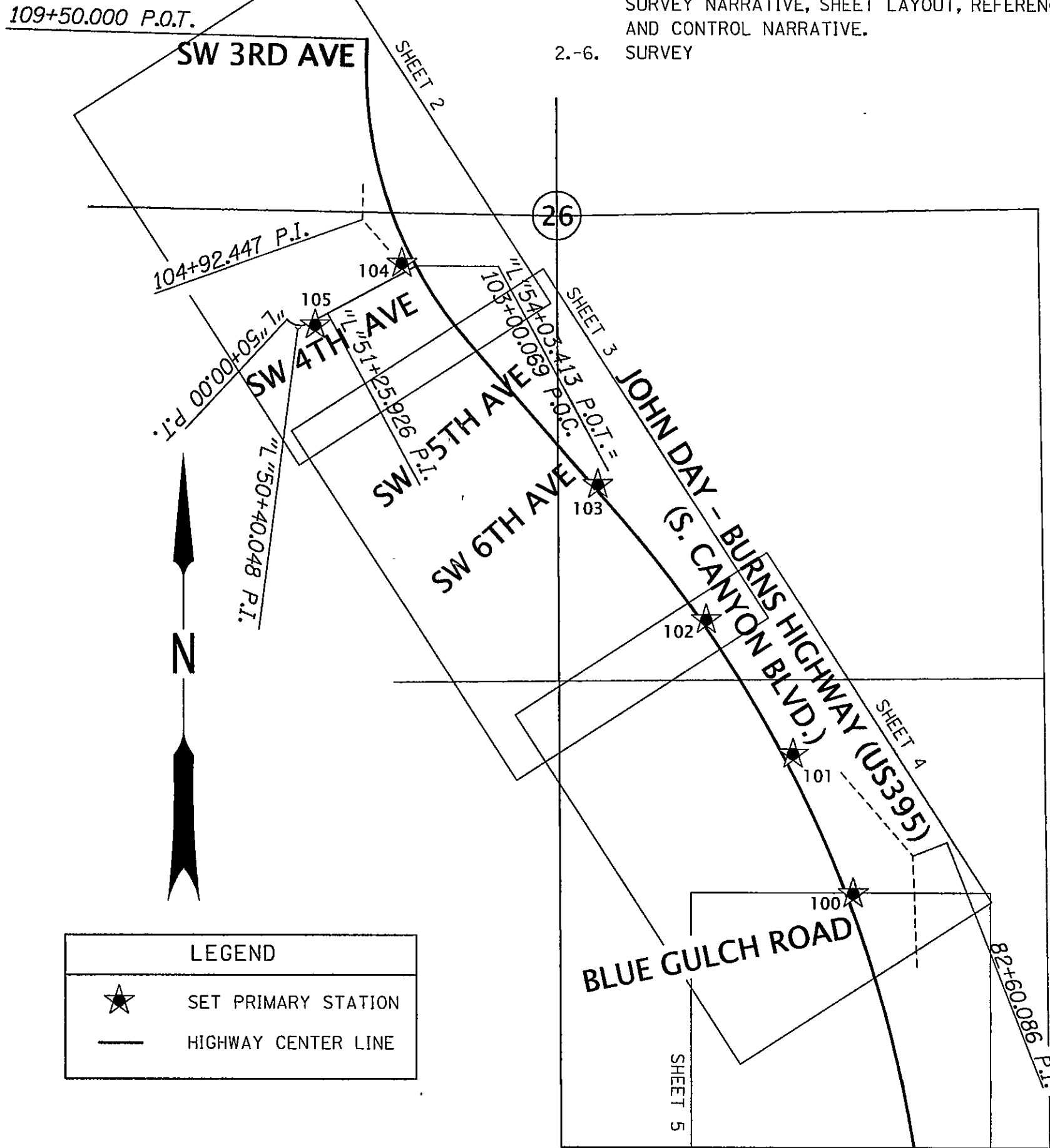
THE CENTER LINE FOR THE JOHN DAY-BURNS HIGHWAY WAS RECREATED AS SHOWN ON ODOT DRAWING 8B-3-31 AND MAP OF SURVEY NO. 1129, AND WAS POSITIONED BY HOLDING RECORD DISTANCES SHOWN ON SAID SURVEY 1129 TO THE CENTER LINE MONUMENTS FOUND AT POINTS 1003 & 1004. THE RECORD SHAPE OF SAID CENTER LINE ALIGNMENT DID NOT FIT WITH THE ORIGINAL HIGHWAY RIGHT OF WAY MONUMENT FOUND AT POINTS 1021 AND 1035, THEREFORE THE TANGENT 40.00 FEET LEFT OF POINT 1035 AND 42.00 FOOT RIGHT OF POINT 1038 WAS HELD AND EXTENDED NORTHERLY TO INTERSECT THE FORWARD TANGENT. RECORD DEGREE OF CURVE WAS HELD TO RE-ESTABLISH THE CURVES. THE RESULTING RESOLVED CENTER LINE ALIGNMENT FITS VERY WELL WITH MONUMENTATION AND LINES OF OCCUPATION RECOVERED ALONG THIS PORTION OF JOHN DAY - BURNS HIGHWAY. THE RIGHT OF WAY WIDTHS WERE BASED UPON ODOT DRAWING 8B-3-31. STATIONING SHOWN ON THE ODOT ROLLMAPS WAS TO THE NEAREST TENTH OF A FOOT, THEREFORE THE ERROR IN HUNDREDTHS OF A FOOT IN STATIONING WAS PRORATED BETWEEN THE MONUMENTS FOUND AT POINTS 1006 AND 1021.

SW 4TH AVENUE (HALL STREET) "L" LINE

THE CENTER LINE FOR SW 4TH AVENUE WAS RECREATED AS SHOWN ON MAP OF SURVEY 1129 AND POSITIONED BY HOLDING MONUMENTS SET ON SAID MAP OF SURVEY 1129 AT THE INTERSECTION OF SW 4TH AVENUE WITH THE SOUTHERLY RIGHT OF WAY OF JOHN DAY BURNS HIGHWAY (POINT 1002) AND AT THE INTERSECTION OF SW 4TH AVENUE WITH SW BRENT STREET. THE RIGHT OF WAY FOR SW 4TH AVENUE WAS CREATED BY DEDICATION PER THE PLAT OF BRENT ADDITION TO JOHN DAY AT A WIDTH OF 50 FEET, 25 FEET EITHER SIDE OF CENTER LINE. STATIONING FOR SW 4TH AVENUE WAS ESTABLISHED PER THIS SURVEY.

REFERENCES

1. ODOT DRG. 5B-21-10 BY THE OREGON STATE HWY. DEPT., DATED 1932-1933, TRACED 1938
2. ODOT DRG. 10B-5-7 BY THE OREGON STATE HWY. DEPT., DATED 1933-1935
3. BRENT ADDITION TO JOHN DAY, BY L.E. LUCAS, FILED JUNE 3, 1937
4. ODOT DRG. 8B-3-31 BY THE OREGON STATE HWY. DEPT., DATED NOV. 1956
5. MAP OF SURVEY 133 BY ROBERT D. BAGETT, FILED JAN. 24, 1969
6. MAP OF SURVEY 209 BY DOUGLAS M. FERGUSON, DATED NOV. 1970
7. MAP OF SURVEY 230 BY DOUGLAS M. FERGUSON, DATED JUNE 1971
8. MAP OF SURVEY 286 BY THE BUREAU OF LAND MANAGEMENT, FILED FEB. 6, 1973
9. MAP OF SURVEY 292 BY ROBERT D. BAGETT, FILED APR. 2, 1973
10. MAP OF SURVEY 387 BY ROBERT D. BAGETT, FILED DEC. 31, 1975
11. MAP OF SURVEY 573 BY ROBERT D. BAGETT, FILED JULY 13, 1979
12. MAP OF SURVEY 672 BY ROBERT D. BAGETT, FILED MAY 27, 1981
13. MAP OF SURVEY 840 BY ROBERT D. BAGETT, FILED NOV. 23, 1984
14. MAP OF SURVEY 975 BY ROBERT D. BAGETT, FILED FEB. 23, 1987
15. MAP OF SURVEY 1083 BY LEELAND LEE MEYERS, FILED OCT. 17, 1989
16. MAP OF SURVEY 1129 BY ROBERT D. BAGETT, FILED JAN. 31, 1990
17. MAP OF SURVEY 1251 BY ROBERT D. BAGETT, FILED MAR. 29, 1993
18. MAP OF SURVEY 1347 BY ROBERT D. BAGETT, FILED DEC. 12, 1994
19. LAND PARTITION NO. 94-10 BY ROBERT D. BAGETT, FILED DEC. 12, 1994
20. LAND PARTITION NO. 96-07 BY CARL J. STOUT, FILED MAR. 4, 1996
21. ODOT DRG. 10B-9-17 BY THE OREGON STATE HWY. DEPT., DATED MAR. 1996
22. MAP OF SURVEY 1401 BY CARL J. STOUT, FILED MAR. 5, 1996
23. MAP OF SURVEY 1690 BY JACK L. WATSON, FILED FEB. 26, 2004
24. MAP OF SURVEY 1705 BY MICHAEL C. SPRINGER, FILED JULY 14, 2004
25. MAP OF SURVEY 1763 BY JACK L. WATSON, FILED JUNE 28, 2006
26. MAP OF SURVEY 1782 BY JACK L. WATSON, FILED NOV. 3, 2006
27. MAP OF SURVEY 1793 BY JACK L. WATSON, FILED MAR. 29, 2007
28. MAP OF SURVEY 1868 BY JACK L. WATSON, FILED MAY 13, 2009



CONTROL NARRATIVE

PROJECT: US395: SIDEWALK IMPROVEMENTS (JOHN DAY)
LOCATION: JOHN DAY - BURNS HIGHWAY
COUNTY: GRANT
ODOT KEY NO: 18918
SURVEY DATUM:
HORIZONTAL - OREGON COORDINATE REFERENCE SYSTEM (OCRS) - DAYVILLE - PRAIRIE CITY ZONE (NOT PUBLISHED)
NAD 83(2011) EPOCH 2010

OCRS DAYVILLE - PRAIRIE CITY MAP PROJECTION PARAMETERS:
TRANSVERSE MERCATOR
LATITUDE OF GRID ORIGIN: 44°15'00" N
CENTRAL MERIDIAN: 119°38'00" W
FALSE NORTHING: 0.000'
FALSE EASTING: 65616.798'
CENTRAL MERIDIAN SCALE: 1.000120 (EXACT)

HORIZONTAL CONTROL SURVEY

PRIMARY CONTROL WAS BROUGHT INTO THE PROJECT USING THE OREGON REAL TIME GPS NETWORK (ORGN) TO ESTABLISH HORIZONTAL POSITIONS ON SET PROJECT PRIMARY CONTROL POINTS 100-105, INCORPORATING TWO SEPARATE SESSIONS ON EACH POINT UNDER DIFFERENT SATELLITE CONSTELLATIONS.

THE BASIS OF BEARINGS IS BASED UPON GPS OBSERVATIONS USING THE ORGN.

CONTROL NETWORK SCHEMATIC,
& SHEET LAYOUT
NOT TO SCALE

NETWORK POINT COORDINATE TABLE

PT ID	PROJECT NORTHING	PROJECT EASTING	DATE	DESCRIPTION
100	57391.76	244799.88	11/8/2016	SET 5/8" IRON ROD W/RPC MARKED "ODOT CONTROL"
101	57778.56	244633.58	11/8/2016	SET 5/8" IRON ROD W/RPC MARKED "ODOT CONTROL"
102	58148.18	244393.46	11/8/2016	SET 1" COPPER DISK MARKED "ODOT"
103	58524.25	244093.52	11/8/2016	SET 1" COPPER DISK MARKED "ODOT"
104	59135.98	243551.52	11/8/2016	SET 1" COPPER DISK MARKED "ODOT"
105	58964.88	243311.20	11/8/2016	SET 1" COPPER DISK MARKED "ODOT"

RECEIVED AND FILED
GRANT COUNTY SURVEYOR

MAR 13 2017

BY: *[Signature]*

REGISTERED
PROFESSIONAL
LAND SURVEYOR

[Signature]

OREGON
JAN. 14, 2003
BRET N. ELITHORP
63148

RENEWAL: DEC. 31, 2017

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
US395: SIDEWALK IMPROVEMENTS (JOHN DAY)

JOHN DAY - BURNS HIGHWAY (US395)
GRANT COUNTY, OREGON

FOR ODOT REGION 5
3012 ISLAND AVENUE
LA GRANDE, OR 97850

MARCH 2, 2017
NO SCALE
SHEET 1 OF 6