

SE 1/4 SECTION 16, T.28S., R.6W., W.M. N1/2 SECTION 21, T.28S., R.6W., W.M.

FILED

Date: 10-31-2024 By: [Signature]

This survey consist of:
Map: ST HWY 42-022 A-G

Narrative: _____

Corner Rpt: _____
DOUGLAS COUNTY SURVEYOR

SHEET INDEX:

- 1 SURVEY NARRATIVE, SHEET LAYOUT
- 2-3 NETWORK DIAGRAM, CONTROL NARRATIVE, CONTROL POINT TABLE AND LINE LEGEND
- 4-7 SURVEY SHEETS

SURVEY NARRATIVE

THIS SURVEY WAS MADE AS A RESULT OF THE OREGON DEPARTMENT OF TRANSPORTATION'S PROJECT NAMED "OR42: LOOKINGGLASS CR. TO I-5 (WINSTON) SECTION". THE PURPOSE OF THIS SURVEY IS TO RECORD THE POSITIONS OF MONUMENTS OF RECORD, RESOLVE THE EXISTING RIGHT OF WAY (R/W) CENTERLINES AND DEFINE THE EXISTING RIGHT OF WAY LINES AS DIRECTED IN OREGON REVISED STATUTES (ORS) 209.155.

THE SCOPE OF THIS PROJECT IS FOR THE PURPOSE OF ADA UPGRADES IN WINSTON, PAVING, INSTALLING MEDIAN BARRIER ON THE SECTION OF HIGHWAY BETWEEN WINSTON AND I-5 ALONG WITH TRAFFIC SIGNALS IMPROVEMENTS.

ODOT HAD IMPROVEMENT PROJECTS IN THIS SAME AREA PREVIOUSLY. SURVEY AND ACQUISITIONS TOOK PLACE AS EVIDENCED BY ODOT MAP NO. 9B-7-5 AS WELL AS THE CORRESPONDING CONTROL, RECOVERY AND RETRACEMENT SURVEY FILED AS ST. HWY. 42-007 IN THE OFFICE OF THE DOUGLAS COUNTY SURVEYOR (SHOWN ON THIS MAP AS THE "RW1" ALIGNMENT). A PORTION OF THE EASTERLY RIGHT OF WAY BETWEEN STATIONS "RW1" 1189+75.40 AND "RW1" 1200+00 IS STILL CONTROLLED BY THE ACQUISITIONS SHOWN ON ODOT MAP NOS. 3B-11-8 AND 3B-26-17 (SHOWN ON THIS MAP AS THE "3B" ALIGNMENT).

MORE RECENTLY ODOT HAD IMPROVEMENT PROJECTS IN THIS SAME AREA AGAIN. SURVEY AND ACQUISITIONS TOOK PLACE AS EVIDENCED BY ODOT MAP NO. RW9614M AS WELL AS THE CORRESPONDING CONTROL, RECOVERY AND RETRACEMENT SURVEY AND MONUMENTATION SURVEYS FILED AS ST. HWY. 42-017, ST. HWY. 42-019, AND ST. HWY. 42-020 IN THE OFFICE OF THE DOUGLAS COUNTY SURVEYOR (SHOWN ON THIS MAP AS THE "RW3" ALIGNMENT).

COOS BAY - ROSEBURG HIGHWAY RIGHT OR WAY RETRACEMENT:

"RW1" ALIGNMENT -

THE FIRST CENTERLINE ALIGNMENT, BEING DESIGNATED AS "RW1", WAS RESOLVED UTILIZING ODOT MAP NOS. 9B-7-5 AND FILED SURVEY ST. HWY. 42-007. THE FILED SURVEY WAS MOVED AND ROTATED INTO PLACE BY HOLDING THE UPDATED COORDINATE VALUES ON CONTROL POINT "ISLAND" AND ROTATING THE SURVEY TO THE UPDATED COORDINATE VALUES ON CONTROL POINT "105" (SEE CONTROL NARRATIVE ON HOW UPDATED OCRS COORDINATES WERE DERIVED). THE DISTANCE BETWEEN THOSE TWO POINTS FIT THE RECORD VALUE FROM SURVEY ST. HWY. 42-007 VERY WELL. THE MOVED AND ROTATED CENTERLINE FROM FILED SURVEY ST. HWY. 42-007 WAS THEN HELD FOR POSITION AND STATIONING. THIS ESTABLISHED A MECHANISM TO MOVE THE OLD SURVEY DATA OVER ONTO THE CURRENT OCRS COORDINATE VALUES. THE NEW TIES FIT THE RELATIVE RECORD POSITIONS OF THE FOUND CONTROL AND MONUMENTS WELL. UTILIZING THE NEW TIES THE LINWORK WAS MOVED ONTO THE NEW COORDINATE SYSTEM AND CHECKED FOR COMPLETENESS AND UPDATED TO CURRENT MAPPING STANDARDS.

"RW3" ALIGNMENT -

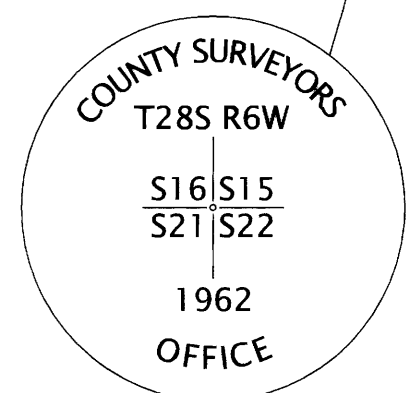
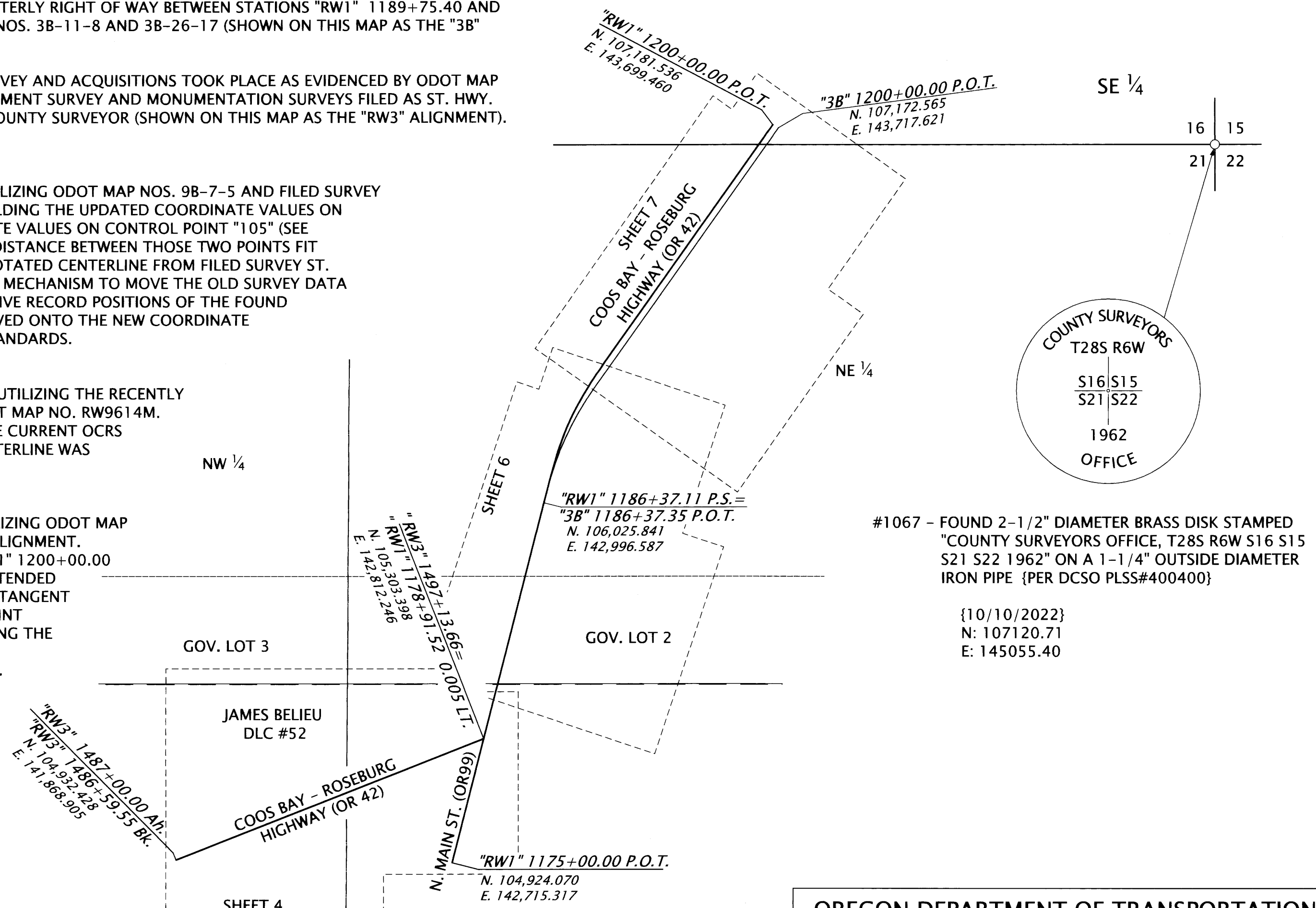
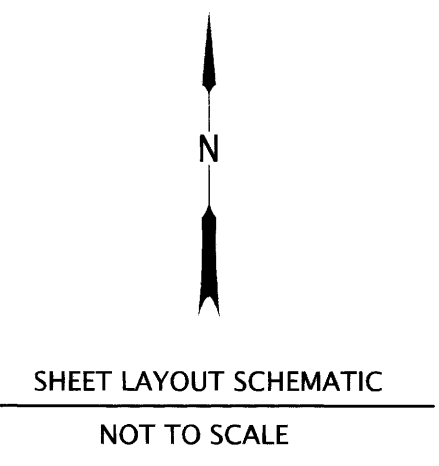
THE SECOND CENTERLINE ALIGNMENT, BEING DESIGNATED AS "RW3", WAS RESOLVED UTILIZING THE RECENTLY FILED SURVEYS ST. HWY. 42-017, ST. HWY. 42-019, ST. HWY. 42-020, AND THE ODOT MAP NO. RW9614M. ALL OF THESE SURVEYS ARE OF THE SAME CENTERLINE ALIGNMENT AND ON THE SAME CURRENT OCRS COORDINATE SYSTEM AS THIS SURVEY. THE POSITION AND STATIONING OF THE CENTERLINE WAS HELD AS SHOWN ON THESE PRIOR SURVEYS.

"3B" ALIGNMENT -

THE THIRD CENTERLINE ALIGNMENT, BEING DESIGNATED AS "3B", WAS RESOLVED UTILIZING ODOT MAP NOS. 3B-11-8, 3B-26-17, 9B-7-5 AND THE ESTABLISHED TANGENTS OF THE "RW1" ALIGNMENT. THE TANGENT OF THE "RW1" ALIGNMENT BETWEEN "RW1" 1191+70.04 P.T. AND "RW1" 1200+00.00 P.O.T. WAS OFFSET PARALLEL AND EASTERLY 20.00', AS SHOWN ON 9B-7-5, THEN EXTENDED SOUTHERLY TO THE INTERSECTION POINT WITH THE EXTENSION OF THE PRIOR "RW1" TANGENT BETWEEN "RW1" 1178+91.51 P.I. AND "RW1" 1186+37.11 P.S. THIS INTERSECTION POINT ESTABLISHED THE P.I. FOR THE "3B" ALIGNMENT. THE CURVE WAS THEN FORCE HOLDING THE RECORD 6" CURVE RIGHT, AS SHOWN ON 3B-11-8, 3B-26-17 AND 9B-7-5. STATION "3B" 1191+66.83 P.O.T. WAS HELD AT "RW1" 1191+70.04 P.T. AS SHOWN ON 9B-7-5.

RESEARCH WAS PERFORMED THROUGHOUT THE PROJECT WHERE PROJECT WORK WILL OCCUR TO ENSURE THAT THERE HAVE BEEN NO CHANGES OR UPDATES TO THE CENTERLINE OR RIGHT-OF-WAY LINES SINCE THE TIME OF SAID SURVEYS. A SEARCH WAS ALSO MADE FOR ANY RECORD MONUMENTATION THAT HAS BEEN SET IN THE AREA SINCE THE TIME OF SAID SURVEYS. ANY POINTS AT RISK OF DISTURBANCE BY CONSTRUCTION ACTIVITIES WAS TIED TO THE CURRENT OCRS COORDINATE SYSTEM FOR FUTURE REPLACEMENT IF NEEDED.

ADDITIONALLY, THE MONUMENTS PER SURVEYS ST. HWY. 42-007 THAT WERE NOT REVISITED DURING THIS SURVEY ARE SHOWN FOR THE PURPOSES OF UPDATING THE COORDINATE VALUES TO THE CURRENT OCRS VALUES AND PERPETUATING THEIR LOCATIONS. THE MONUMENTS PER SURVEYS ST. HWY. 42-017 AND ST. HWY. 42-019 THAT WERE NOT REVISITED DURING THIS SURVEY ARE SHOWN FOR PURPOSES OF PERPETUATING THEIR LOCATIONS. THESE POINTS WERE NOT DEEMED TO BE AT RISK OF DISTURBANCE DURING CONSTRUCTION. POST CONSTRUCTION OF THE PROJECT, THESE MONUMENTS WILL BE CHECKED AND RESET AS NEEDED.



#1067 - FOUND 2-1/2" DIAMETER BRASS DISK STAMPED "COUNTY SURVEYORS OFFICE, T28S R6W S16 S15 S21 S22 1962" ON A 1-1/4" OUTSIDE DIAMETER IRON PIPE {PER DCSO PLS#400400}

{10/10/2022}
N: 107120.71
E: 145055.40

REGISTERED PROFESSIONAL LAND SURVEYOR

Eric B. Hibbs

OREGON
NOVEMBER 13, 2018
ERIC BENJAMIN HIBBS
90437PLS
RENEWS: 06/30/2025

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
OR42: LOOKINGGLASS CREEK
TO I-5 (WINSTON) SECTION
COOS BAY - ROSEBURG HIGHWAY
DOUGLAS COUNTY

ODOT REGION 3 TECH CENTER
3500 NW STEWART PKWY.
ROSEBURG, OR 97470 KEY NO. K21677

OCTOBER 30, 2024
SCALE: NTS
SHEET 1 OF 7