

SHEET INDEX

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CONTROL NARRATIVE:

PROJECT: DOUGLAS AVE: DEER CREEK BRIDGE
 LOCATION: DOUGLAS COUNTY, OREGON
 DOWL PROJECT: 2870.80135.01
 ODOT KEY NO.: K22030
 UNITS: INTERNATIONAL FEET

HORIZONTAL: NAD83 (2011) EPOCH 2010.00

OREGON COORDINATE SYSTEM - COTTAGE GROVE-CANYONVILLE ZONE
 TRANSVERSE MERCATOR PROJECTION
 LATITUDE OF GRID ORIGIN: 42°50'00" N
 CENTRAL MERIDIAN: 123°20'00" W
 FALSE NORTHING: 0.000 M (0.00 IFT)
 FALSE EASTING: 50,000.000 M (164,041.995 IFT)
 CENTRAL MERIDIAN SCALE: 1.000023 (EXACT)

IFT = INTERNATIONAL FEET
 M = METER

BASIS OF BEARINGS

THE BASIS OF BEARINGS IS THE OREGON COORDINATE REFERENCE SYSTEM - COTTAGE GROVE - CANYONVILLE ZONE.

COORDINATES AND DISTANCES SHOWN HEREON ARE INTERNATIONAL FEET.

HORIZONTAL CONTROL NARRATIVE

PRIMARY CONTROL WAS ESTABLISHED BY REAL-TIME KINEMATIC (RTK) GPS UTILIZING CORRECTIONS FROM THE OREGON REAL-TIME GNSS NETWORK (ORGN) PROJECTED TO THE OREGON COORDINATE REFERENCE SYSTEM (OCRS), COTTAGE GROVE-CANYONVILLE ZONE. TWO 300 EPOCH RTK OBSERVATIONS WERE MADE SEPARATED BY A MINIMUM OF 4 HOURS BETWEEN OBSERVATIONS AND THEN AVERAGED. ADDITIONALLY MEAN ANGLES BETWEEN CONTROL POINTS WERE MEASURED AS AN ADDITIONAL CHECK ON THE CONTROL. FIELD WORK WAS PERFORMED BETWEEN FEBRUARY AND APRIL OF 2024.

CONTROL POINTS FOR THIS SURVEY WERE NOT SET ON AND DO NOT REPRESENT PROPERTY LINES OR RIGHT-OF-WAY LINES AND ARE INTENDED FOR THE USE OF CITY OF ROSEBURG AND DOWL IN SUPPORT OF CURRENT AND FUTURE PROJECTS. IT IS NOT THE INTENT OF CITY OF ROSEBURG OR DOWL TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.

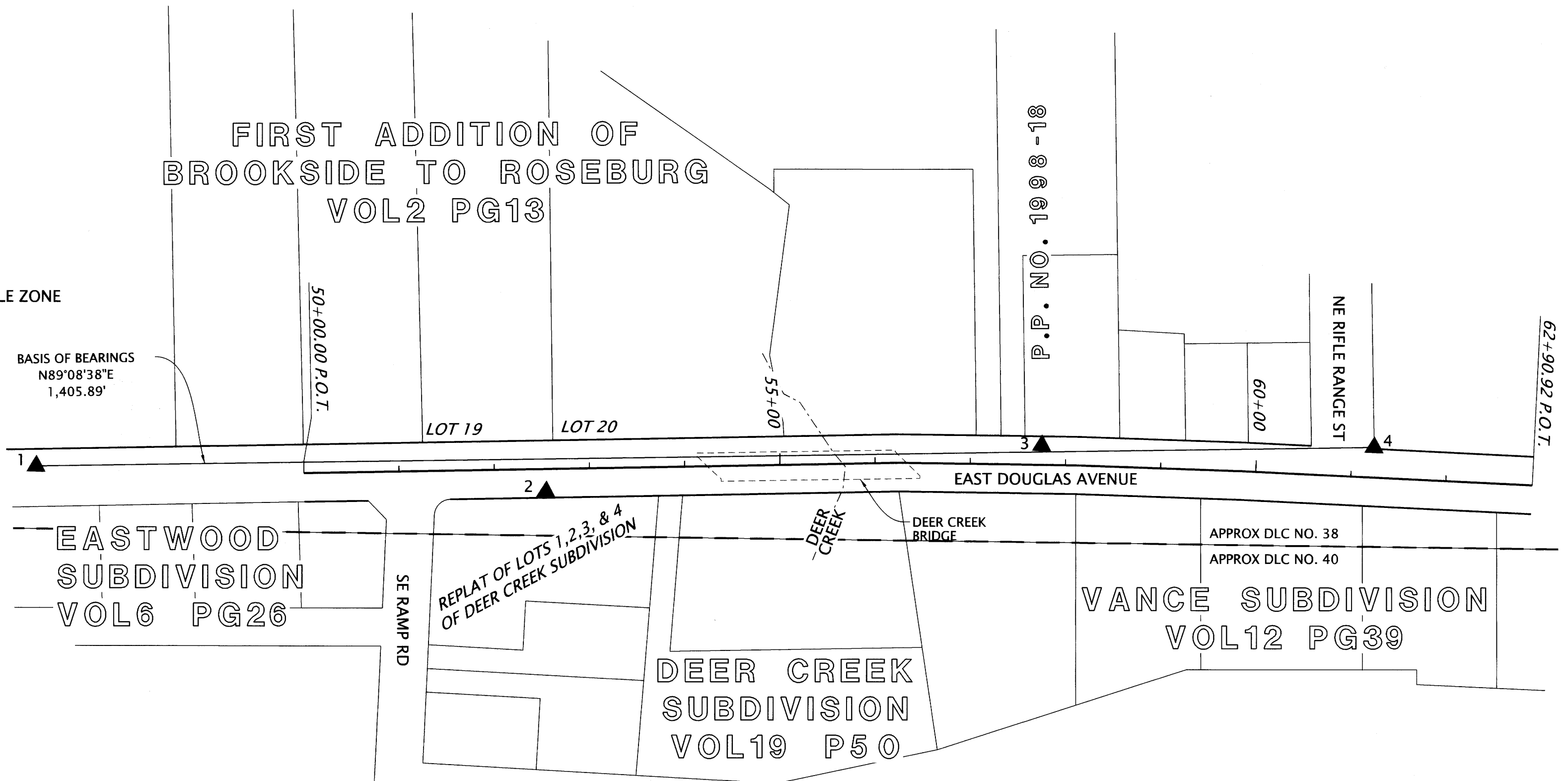
NETWORK POINT COORDINATE TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
1	137396.79	165744.74	02/28/2023	SET MAG NAIL W/ WASHER MARKED "DOWL CONTROL"
2	137370.95	166279.44	02/28/2023	SET 5/8" X 30" IR W/ OPC MARKED "DOWL CONTROL"
3	137418.96	166801.28	02/28/2023	SET 1" BC MARKED "DOWL CONTROL"
4	137417.79	167150.47	02/28/2023	SET 1" BC MARKED "DOWL CONTROL"

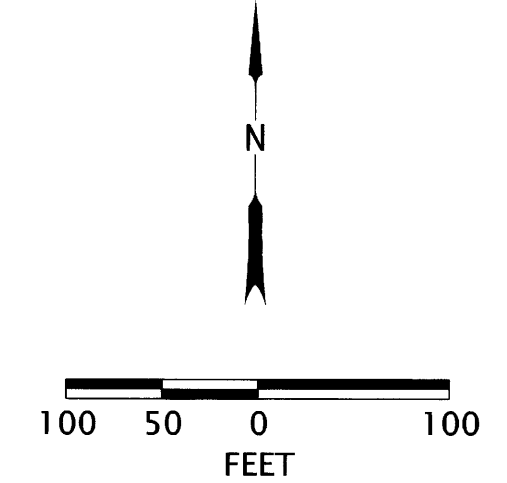
IR = IRON ROD
 BC = BRASS CAP
 W/ = WITH
 OPC = ORANGE PLASTIC CAP

NE 1/4, SECTION 19
 NW 1/4, SECTION 20
 T27S R5W WM

FILED
 Date: 2/25/2025 By: JC
 This survey consists of:
 Map: SC09-076 Thru 080
 Narrative:
 Corner Rpt:
 DOUGLAS COUNTY SURVEYOR



CONTROL NETWORK DIAGRAM



LEGEND
 ▲ SET NETWORK POINT

REGISTERED PROFESSIONAL LAND SURVEYOR
 B. C. COURSEN
 OREGON
 DECEMBER 11, 2012
 B. C. COURSEN
 86998
 RENEWS: 12/31/2025
 SIGNED: 2/20/2025

FILE NAME: S_K22030_CRR_01.dgn

3500 Cad Drive, Suite 200
 Eugene, Oregon 97408
 541-683-6090
 WWW.DOWL.COM

DOWL

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 DOUGLAS AVENUE: DEER CREEK BRIDGE
 (ROSEBURG) PROJECT
 DOUGLAS AVENUE
 DOUGLAS COUNTY

ODOT REGION 3
 100 ANTELOPE RD.
 WHITE CITY, OR 97503 KEY NO. 22030

FEBRUARY 6, 2025
 SCALE: 1" = 100'
 SHEET 1 OF 3