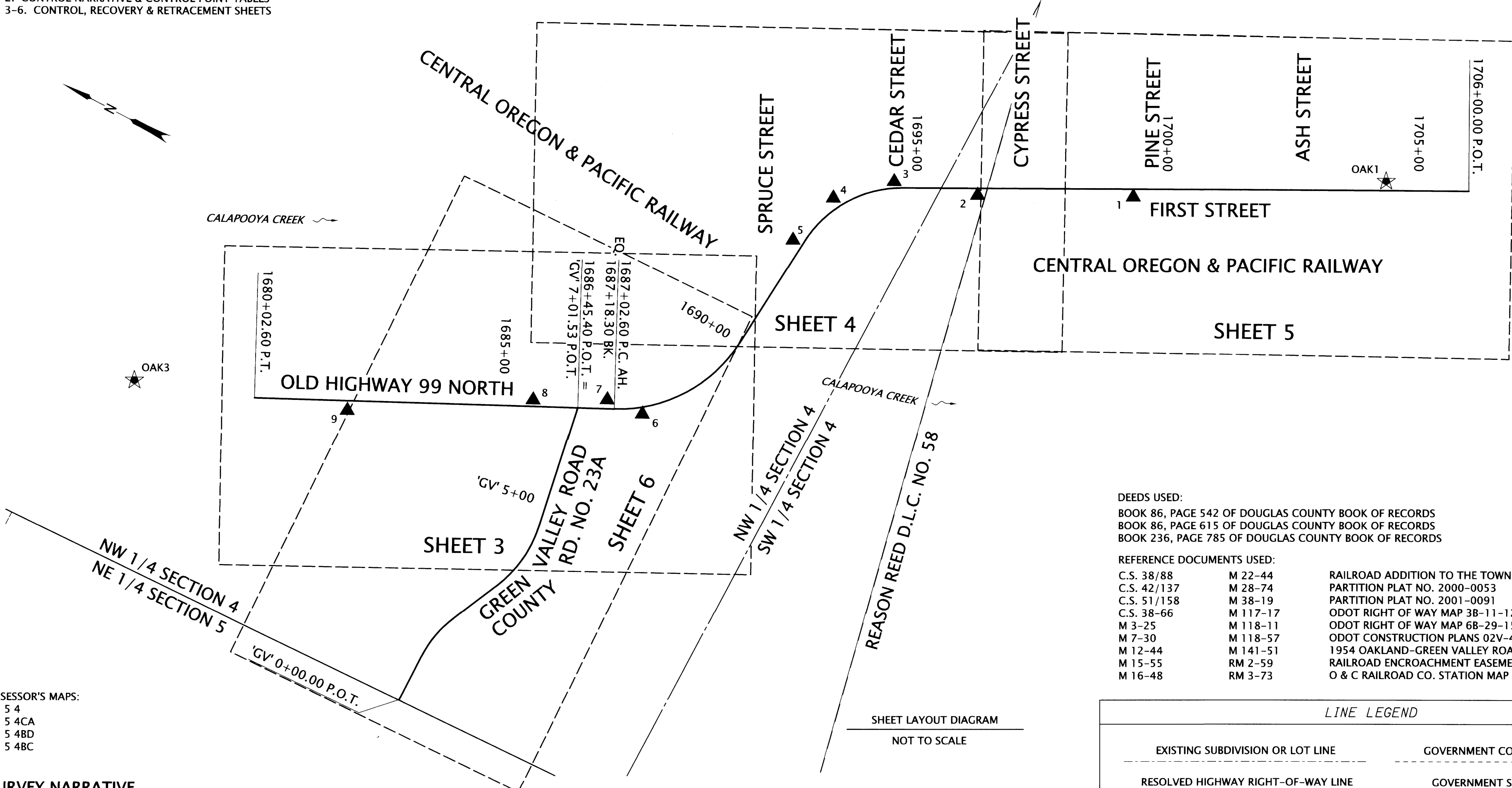


NW 1/4 SECTION 4, T. 25 S., R. 5 W., W.M.  
 SW 1/4 SECTION 4, T. 25 S., R. 5 W., W.M.

**SHEET INDEX**

1. SURVEY NARRATIVE & SHEET LAYOUT DIAGRAM
2. CONTROL NARRATIVE & CONTROL POINT TABLES
- 3-6. CONTROL, RECOVERY & RETRACEMENT SHEETS

FILED  
 Date: 11-30-2020 By: [Signature]  
 This survey consists of:  
 Map: 21 HWY 99-006 A-F  
 Narrative: \_\_\_\_\_  
 Corner Rpt: \_\_\_\_\_  
 DOUGLAS COUNTY SURVEYOR



- DEEDS USED:**  
 BOOK 86, PAGE 542 OF DOUGLAS COUNTY BOOK OF RECORDS  
 BOOK 86, PAGE 615 OF DOUGLAS COUNTY BOOK OF RECORDS  
 BOOK 236, PAGE 785 OF DOUGLAS COUNTY BOOK OF RECORDS
- REFERENCE DOCUMENTS USED:**
- |             |          |   |
|-------------|----------|---|
| C.S. 38/88  | M 22-44  | RAILROAD ADDITION TO THE TOWN OF OAKLAND        |
| C.S. 42/137 | M 28-74  | PARTITION PLAT NO. 2000-0053                    |
| C.S. 51/158 | M 38-19  | PARTITION PLAT NO. 2001-0091                    |
| C.S. 38-66  | M 117-17 | ODOT RIGHT OF WAY MAP 3B-11-12                  |
| M 3-25      | M 118-11 | ODOT RIGHT OF WAY MAP 6B-29-15                  |
| M 7-30      | M 118-57 | ODOT CONSTRUCTION PLANS 02V-438                 |
| M 12-44     | M 141-51 | 1954 OAKLAND-GREEN VALLEY ROAD #23A MAP         |
| M 15-55     | RM 2-59  | RAILROAD ENCROACHMENT EASEMENT DRG. 1829        |
| M 16-48     | RM 3-73  | O & C RAILROAD CO. STATION MAP OAKLAND V-2/S.41 |

ASSESSOR'S MAPS:  
 25 5 4  
 25 5 4CA  
 25 5 4BD  
 25 5 4BC

**SURVEY NARRATIVE**

THIS SURVEY WAS MADE IN SUPPORT OF A PROPOSED OREGON DEPARTMENT OF TRANSPORTATION (ODOT) PROJECT CALLED OLD HWY. 99N: OAKLAND BRIDGE. THIS PROJECT IS LOCATED ON OLD HIGHWAY 99 NORTH IN OAKLAND, OREGON AT CALAPOOYA CREEK. THE PURPOSE OF THIS SURVEY IS TO RECORD THE POSITIONS OF CONTROL POINTS AND MONUMENTS OF RECORD, RESOLVE THE EXISTING RIGHT OF WAY (R/W) CENTER LINES AND DEFINE THE EXISTING RIGHT OF WAY AS SHOWN ON ODOT RIGHT OF WAY MAP 3B-11-12 AND THE 1954 OAKLAND-GREEN VALLEY ROAD #23A RIGHT OF WAY MAP. RECORD DATA SHOWN ON THIS SURVEY FOR STATIONS AND OFFSET VALUES SHOULD BE CONSIDERED HELD UNLESS MEASURED VALUES ARE NOTED NEXT TO THE RECORD VALUES.

SURVEY WORK FOR THIS PROJECT WAS PERFORMED BY ODOT SURVEY CREWS FROM DECEMBER 2, 2019 TO OCTOBER 19, 2020. THE SURVEYING EQUIPMENT USED WAS A LEICA TS-16 TOTAL STATION, A LEICA DNA10 DIGITAL LEVEL AND LEICA GS14 GPS RECEIVERS. THE UNITS FOR THIS SURVEY ARE INTERNATIONAL FEET.

THE RIGHT OF WAY CENTERLINE FOR OLD HIGHWAY 99N WAS RESOLVED BY HOLDING THE RECORD GEOMETRY AS SHOWN ON ODOT MAP NO. 3B-11-12 FROM STATION 1680+02.60 P.T. TO STATION 1706+00.00 P.O.T. A DILIGENT SEARCH WAS MADE TO LOCATE ORIGINAL RIGHT OF WAY MONUMENTS AT ALIGNMENT EVENT STATIONS WITHOUT ANY SUCCESS. THE CENTERLINE RESOLUTION FROM 1680+02.60 P.T. TO 1692+39.63 P.C. INVOLVED HOLDING THE TANGENT TO A BEST FIT OF THE AVERAGE SPLIT OF BRIDGE CURB LOCATION ALONG THE CORRIDOR. THE RECORD DEGREE OF CURVE FROM 1687+02.60 P.C. AH. EQUALS 1687+18.30 BK. TO 1689+99.02 P.O.T. FIT WELL WITH THE PHYSICAL SPLIT OF THE CURBS THROUGH THE CURVED PORTION OF THE BRIDGE LOCATION BUT THE RESULTING CURVE LENGTH AND INCOMING TANGENT DIRECTION DID NOT CORRESPOND WITH ODOT MAP NO. 3B-11-12. AFTER A REVIEW OF THE ORIGINAL OREGON STATE HIGHWAY DEPARTMENT CONSTRUCTION PLAN 02V-438, IT WAS FOUND THAT THE DEGREE OF CURVE MATCHED CLOSELY WITH THE CONSTRUCTED ROAD AND BRIDGE ALIGNMENTS. IT WAS DISCOVERED THAT THIS DID NOT MATCH THE CENTERLINE GEOMETRY AS SHOWN ON ODOT MAP NO. 3B-11-12. THE ACQUISITION DEED WAS NOT FOUND TO BE NOTED ON ODOT MAP NO. 3B-11-12, SO A DILIGENT SEARCH WAS MADE TO LOCATE THE ACQUISITION DEED TO DOUGLAS COUNTY. THE CENTERLINE DESCRIPTIONS AS DESCRIBED IN BOOK 236, PAGE 785 OF THE DOUGLAS COUNTY BOOK OF RECORDS MATCHED EXACTLY WITH THE CONSTRUCTION PLAN AND CONSTRUCTED ROAD AND BRIDGE SO WAS ACCEPTED AND HELD FOR THIS SURVEY. TO CONTROL THE DEGREE OF CURVE AND INCOMING TANGENT BACK TO STATION 1680+02.60 P.T. THE LAST TANGENT BETWEEN STATIONS 1694+71.25 P.T. AND 1706+00.00 P.O.T. WAS ESTABLISHED BY THE 60' RIGHT OF WAY THAT WAS ORIGINALLY DEDICATED BY THE RAILROAD ADDITION TO THE TOWN OF OAKLAND WHICH IS REFERRED TO AS FIRST STREET. THE RETRACEMENT OF THIS ALIGNMENT WAS ACCOMPLISHED BY HOLDING THE RECORD LOCATION OF FIRST STREET FROM DISTANCE TIES FROM SURVEYS M 117-17, M 22-44, M 118-11 AND RM 2-59 AND MONUMENTS RECOVERED ALONG SECOND STREET. THE RESOLUTION FIT WITH THE PHYSICAL LOCATION OF THE ROAD AND POINT 1024 ON PARTITION PLAT NO. 2001-0091 WITHIN ACCEPTABLE LIMITS. THE RESULTING CURVE BETWEEN STATIONS 1692+39.63 P.C. AND 1694+71.25 P.T. WAS ESTABLISHED BY HOLDING THE TANGENTS AND HOLDING THE RECORD DEGREE OF CURVE AS SHOWN ON ODOT DRG. 3B-11-12. THE RIGHT OF WAY CENTERLINE FOR GREEN VALLEY ROAD ('GV' LINE) WAS ESTABLISHED BY HOLDING THE RECORD GEOMETRY AS SHOWN ON THE 1954 OAKLAND-GREEN VALLEY ROAD #23A RIGHT OF WAY MAP AND VOLUME 236, PAGE 785, DOUGLAS COUNTY BOOK OF RECORDS. THE ALIGNMENT WAS RESOLVED BY HOLDING MONUMENTS TIED FROM SURVEY M 15-55 WHICH OFFERED THE BEST EVIDENCE FOR THE RECORD RIGHT OF WAY LOCATION OF THE ROAD. THE PROCEDURE INVOLVED ROTATING THE ALIGNMENT BY THE RECORD OFFSET AT 0+00.00 HOLDING THE SAID RECOVERED MONUMENTS AT POINT 1020 AND ROTATING TO FIT THE SOUTHERLY RIGHT OF WAY LINE TO POINT 1018 AS SHOWN IN SAID SURVEY. AS A NOTE, THE LOCATION OF THE SOUTHERLY RIGHT OF WAY BETWEEN STATIONS 0+00.00 AND 5+80.00 WAS NOT ESTABLISHED BY THE 'GV' CENTERLINE AND THEREFORE NOT SHOWN AS RESOLVED ON THIS SURVEY. DUE TO THE LIMITED SCOPE OF THIS SURVEY IT WAS DECIDED THAT THERE WAS NOT ENOUGH NEED TO JUSTIFY THE ADDITIONAL RESEARCH TIME TO RESOLVE THE RIGHT OF WAY AT THIS LOCATION.

STATIONING FOR THE OLD HIGHWAY 99 NORTH ALIGNMENT WAS ESTABLISHED BY HOLDING THE RECORD STATION OF 1687+02.6 P.C. EQUALS 1687+18.3 PER ODOT RW MAP NO. 3B-11-12 AT THE LOCATION OF 1687+02.60 P.C. STATIONING FOR GREEN VALLEY ROAD 'GV' CENTERLINE WAS ESTABLISHED BY HOLDING RECORD STATION 0+00 AS SHOWN ON THE 1954 OAKLAND-GREEN VALLEY ROAD #23 RIGHT OF WAY MAP AT POINT 1020.

SHEET LAYOUT DIAGRAM  
 NOT TO SCALE

LINE LEGEND	
EXISTING SUBDIVISION OR LOT LINE	GOVERNMENT CORNER TIE LINE
RESOLVED HIGHWAY RIGHT-OF-WAY LINE	GOVERNMENT SECTION LINE
EXISTING RIGHT OF WAY/ PROPERTY LINE	GOVERNMENT 1/4 SECTION LINE
EDGE OF PAVEMENT	GOVERNMENT 1/6 SECTION LINE
FENCE	EXISTING CENTERLINE

THIS SURVEY WAS PREPARED WITH A HEWLETT - PACKARD (HP) DESIGNJET T770 USING HP NO. C9370A INKJET INK ON MILANO NO. JPC-4M2 POLYESTER FILM.

REGISTERED PROFESSIONAL LAND SURVEYOR  
 [Signature]  
 OREGON  
 JULY 15, 2003  
 ANDREW DAVID AUSLAND  
 56136  
 EXPIRES: 12/31/2021

**OREGON DEPARTMENT OF TRANSPORTATION**  
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY  
 OLD HWY. 99N: OAKLAND BRIDGE  
 OLD HIGHWAY 99 NORTH  
 DOUGLAS COUNTY

ODOT REGION 3 TECH CENTER  
 100 ANTELOPE ROAD  
 WHITE CITY, OREGON, 97503 KEY NO. 21591

NOVEMBER 24, 2020  
 NO SCALE  
 SHEET 1 OF 6