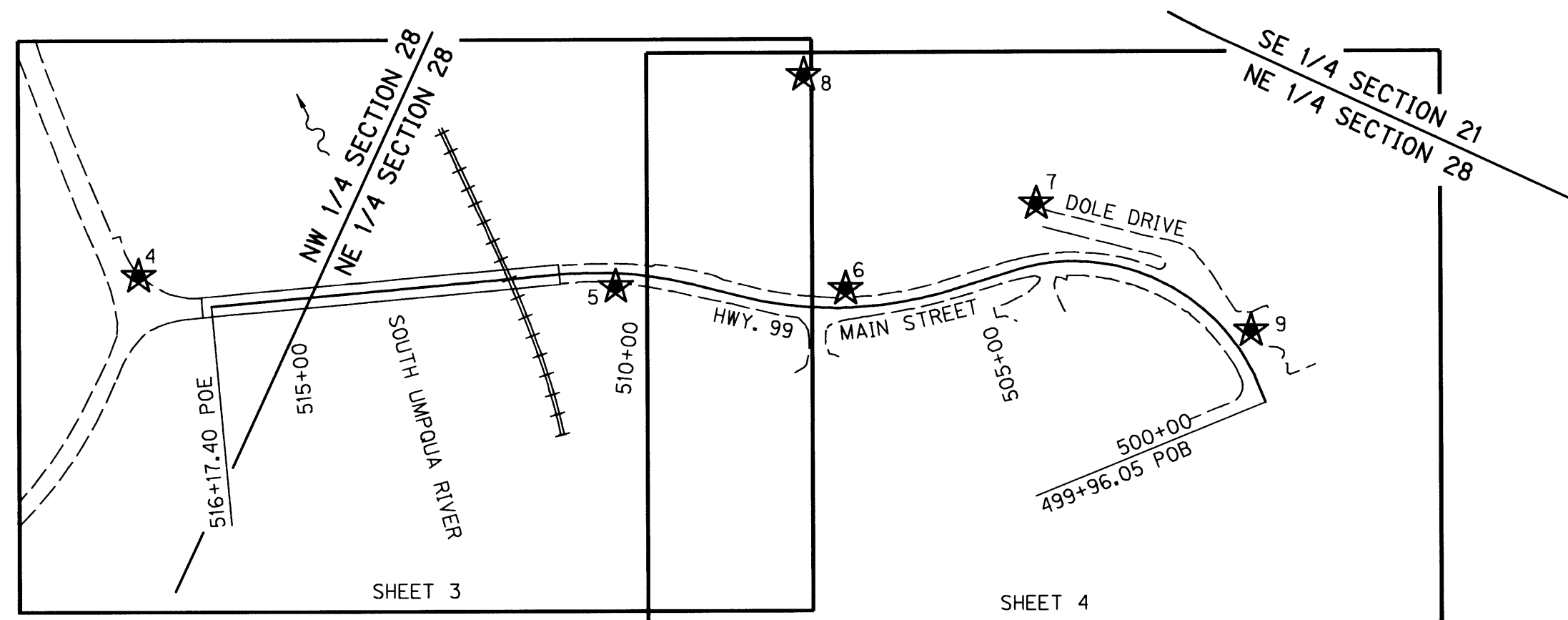


N.W. & N.E. 1/4, SEC. 28, T.29 S., R.5 W., W.M.

FILED
 Date: MAY 3, 2005 By: JP
 This survey is a part of:
 Map: Co. Rd. # 386
 Narrative: _____
 Corner File: _____
 DOUGLAS COUNTY
 SURVEYOR



SHEET LAYOUT DIAGRAM
 NOT TO SCALE

NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO RESOLVE THE LOCATION OF THE EXISTING RIGHT OF WAY FOR A PORTION OF COUNTY ROAD 386 IN THE VICINITY OF BRIDGE NO. 19C513 CROSSING THE SOUTH UMPQUA RIVER. THIS SURVEY WAS ALSO TO PERPETUATE ANY EXISTING MONUMENTS THAT LIE NEAR THE FUTURE WIDENING OF SAID BRIDGE AND RE-ALIGNMENT OF SAID ROAD. PERPETUATION OF THE MONUMENT LOCATIONS WAS ACCOMPLISHED BY TIEING THE MONUMENTS TO THE PROJECT CONTROL NETWORK. THIS SURVEY WAS MADE AT THE REQUEST OF DOUGLAS COUNTY. THIS SURVEY MEETS THE REQUIREMENTS FOR A RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES, CHAPTER 209.155.

THIS SURVEY WAS PERFORMED IN INTERNATIONAL FEET. TO CONVERT FROM INTERNATIONAL FEET TO METERS MULTIPLY BY .3048. TO CONVERT FROM INTERNATIONAL FEET TO U.S. SURVEY FEET MULTIPLY BY .999998.

THIS SURVEY UTILIZED A LOCAL DATUM PLANE (LDP) COORDINATE SYSTEM, WHICH IS RELATIVE TO THE OREGON STATE PLANE COORDINATE SYSTEM - SOUTH ZONE, NAD 83 (CORS 96) EPOCH 2002. TO CONVERT THE LDP COORDINATES TO THE OREGON STATE PLANE COORDINATE SYSTEM - SOUTH ZONE, NAD 83 (CORS 96) EPOCH 2002, MULTIPLY THE COORDINATES BY A COMBINED FACTOR OF 0.99986659.

CONTROL POINTS FOR THIS SURVEY WERE NOT SET ON AND DO NOT REPRESENT PROPERTY LINES OR RIGHT OF WAY LINES AND ARE INTENDED FOR USE BY DOUGLAS COUNTY AND OBEC CONSULTING ENGINEERS IN SUPPORT OF FUTURE PROJECTS. IT IS NOT THE INTENT OF DOUGLAS COUNTY OR OBEC CONSULTING ENGINEERS TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.

THIS SURVEY WAS PERFORMED IN DECEMBER OF 2004. THE SURVEY EQUIPMENT CONSISTED OF TWO TRIMBLE 4700 GPS RECEIVERS, A TRIMBLE 4400 GPS RECEIVER, TWO TSCI DATA COLLECTORS, A NIKON DTM-520 TOTAL STATION, AND TWO TRIMBLE 5603 ROBOTIC TOTAL STATIONS.

COUNTY ROAD *386 (OLD STATE HIGHWAY 99)

THIS RESOLUTION COVERS A PORTION OF COUNTY ROAD NO. 386 IN THE VICINITY OF BRIDGE NO. 19C513 CROSSING THE SOUTH UMPQUA RIVER EASTERLY TO THE INTERSECTION OF FOURTH AVENUE AND NORTH MAIN STREET IN MYRTLE CREEK. THE RIGHT OF WAY FOR COUNTY ROAD NO. 386 WAS RETRACED BY HOLDING THE RECORD SHAPE OF THE CENTERLINE ALIGNMENT AND A 60 FOOT RIGHT OF WAY WIDTH SHOWN ON COUNTY ROAD 386 SURVEY NO. 00410062 PER DOUGLAS COUNTY ENG. DEPT. AND ODOT DRG. NO. 3B-11-8 RECORDED IN THE DOUGLAS COUNTY SURVEYORS OFFICE. THE ALIGNMENT WAS THEN BEST-FIT TO THE FOUND MONUMENTS PER COUNTY ROAD 386 SURVEY NO. 00410062 AND ODOT DRG. NO. 3B-11-8. THE RESULTING ALIGNMENT FIT WELL WITH RIGHT OF WAY MONUMENTS AS SHOWN IN THE STATION OFFSET REPORT IN THE RECOVERED MONUMENT LIST.

INTERSTATE 5

THIS RESOLUTION COVERS A PORTION OF INTERSTATE 5 IN THE VICINITY OF BRIDGE NO. 19C513 CROSSING THE SOUTH UMPQUA RIVER. THE RIGHT OF WAY FOR INTERSTATE 5 WAS RETRACED BY HOLDING THE RECORD SHAPE OF THE CENTERLINE ALIGNMENT AS SHOWN ON SURVEY NO. M129-39C ON FILE IN THE OFFICE OF THE DOUGLAS COUNTY SURVEYOR. CONTROL NETWORK MONUMENTS 505, 500, AND 19 SET BY THE OREGON DEPARTMENT OF TRANSPORTATION ON SURVEY M129-39C WERE TIED AND USED TO CONTROL THE POSITION AND ORIENTATION OF THE CENTERLINE ALIGNMENT. ROLL MAP DRG. NO. 7B-22-19 MYRTLE CREEK - UMPQUA BEND SECTION, FILED IN THE DOUGLAS COUNTY SURVEYORS OFFICE, WAS USED TO RECREATE THE RIGHT OF WAY LINES OF INTERSTATE 5. THE RIGHT OF WAY LINE OF INTERSTATE 5 IN THE VICINITY OF OUR PROJECT EXTENDS TO THE SOUTH UMPQUA RIVER. ACCORDING TO A PHONE CONVERSATION ON FEBRUARY 23, 2005, WITH KEVIN MOYNAHAN OF THE OREGON DIVISION OF STATE LANDS, THE SOUTH UMPQUA RIVER IS NON-NAVIGABLE IN THE VICINITY OF THE CITY OF MYRTLE CREEK AT THIS TIME, THEREFORE, THE CENTERLINE OF THE S. UMPQUA RIVER WAS HELD AS THE RIGHT OF WAY LINE. DEED 184802, NELLIE MORRISON TO STATE OF OREGON, ONLY ACQUIRED PROPERTY IN THE NORTHWEST 1/4 OF SECTION 28, WHICH CREATES A GAP BETWEEN THE CENTER OF SECTION LINE AND THE CENTER OF THE RIVER.

REFERENCES

- DRG. NO. 7B-22-19 MYRTLE CREEK - UMPQUA BEND SECTION
- 3B-11-8 PACIFIC HIGHWAY ROSEBURG TO CANYONVILLE
- VOL 1, PAGE 53 TERRACE PARK ADDITION TO MYRTLE CREEK
- VOL. 2, PAGE 44 MYRTLE HEIGHTS ADDITION TO MYRTLE CREEK
- P020054A & P020054B
- CO. RD. 386 SURVEY NO. 00410062
- M129-39C
- M5-1
- M87-36
- M49-30
- M132-11
- M59-38
- M88-63
- M137-60
- CS 40-72
- M82-19
- M129-17
- P970120
- M91-23
- M99-66

LEGEND	
★	SET GPS POINT

ENGLISH

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Bret Elithorp

OREGON
JAN. 14, 2003
BRET N. ELITHORP
63148

RENEWAL DATE: DEC. 31, 2005
SIGNED: 3/30/05

OBEC CONSULTING ENGINEERS 1335 POPLAR DRIVE MEDFORD, OREGON 97504 TEL. (541) 774-5590 FAX. (541) 774-5591	
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP SOUTH UMPQUA R. (MYRTLE CR.) BRIDGE #19C513 FOR DOUGLAS COUNTY FEBRUARY 2005	
DOUGLAS COUNTY, OREGON	
NO SCALE	
DESIGNED: B. ELITHORP	PROJ. NO. 8-147
DRAWN: R. ODEAR	CHK'D: RANDY FITCH
APPROVED BY: GROUP MANAGER TITLE	FILE NO. 14384S

RANDY FITCH *Randy Fitch* OBEC
 APPROVED BY: GROUP MANAGER TITLE

CO. RD. #386

0000COVER