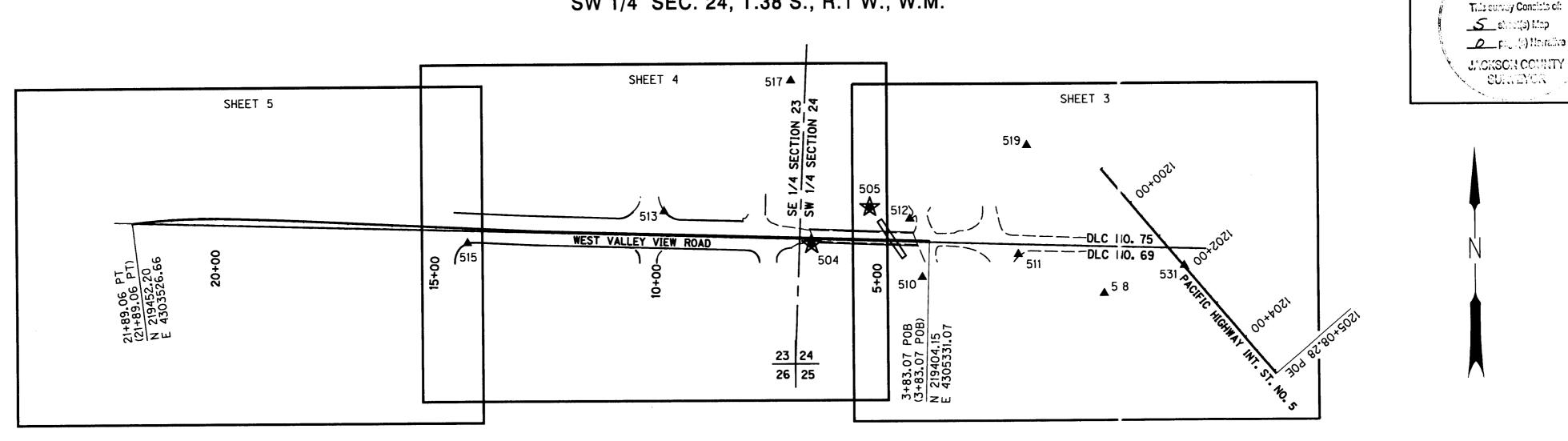
SE 1/4 SEC. 23, T.38 S., R.1 W., W.M. SW 1/4 SEC. 24, T.38 S., R.1 W., W.M.



# SHEET LAYOUT DIAGRAM

### NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE LOCATION OF THE EXISTING RIGHT OF WAY FOR A PORTION OF WEST VALLEY VIEW ROAD IN THE VICINITY OF BRIDGE NO. 7790 CROSSING BEAR CREEK. THIS SURVEY IS ALSO TO PERPETUATE ANY EXISTING SURVEY MONUMENTS THAT LIE NEAR THE FUTURE REPLACEMENT OF SAID BRIDGE. PERPETUATION OF THE MONUMENT LOCATIONS WAS ACCOMPLISHED BY TIEING THE MONUMENTS TO THE PROJECT CONTROL NETWORK. THIS SURVEY WAS MADE AT THE REQUEST OF JACKSON 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 OREGON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE - NAD83(98). TO CONVERT THE LDP COORDINATES TO THE OREGON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE - NAD 83(98), MULTIPLY THE COORDINATE VALUES BY A COMBINED FACTOR OF .999942130.

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 JACKSON COUNTY AND OBEC CONSULTING ENGINEERS IN SUPPORT OF FUTURE PROJECTS. IT IS NOT THE INTENT OF JACKSON COUNTY OR OBEC CONSULTING ENGINEERS TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.

THIS SURVEY WAS PERFORMED IN JUNE 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 A TRIMBLE 5603 ROBOTIC TOTAL STATION.

### INTERSTATE 5

THIS RESOLUTION COVERS A PORTION OF THE PACIFIC HIGHWAY, INTERSTATE 5, FROM CENTERLINE STATION 1185+00 TO CENTERLINE STATION 1205+08.28. THE CENTERLINE WAS RETRACED BY HOLDING RECORD SHAPE OF THE ALIGNMENT SHOWN PER ODOT DRG. NO. 8B-12-15, 12TH ST. (MEDFORD)-VALLEY VIEW ROAD UNIT SEVEN OAKS-ASHLAND SECTION. POINT NUMBER 532 WAS HELD FOR STATION AND THE RECORD SHAPE WAS ROTATED ABOUT THIS POINT TO BEST FIT EXISTING RIGHT OF WAY MONUMENTS. ODOT DRG. NO. 8B-12-15 WAS USED TO ESTABLISH THE RIGHT OF WAY FROM STATION 1185+00 TO 1205+08.28.

### WEST VALLEY VIEW ROAD (FORMERLY THE W. A. STRATT)N, ET AL, ROAD):

THIS RESOLUTION COVERS A PORTION OF WEST VALLEY VIE V ROAD FROM PACIFIC HIGHWAY, INTERSTATE 5, TO MOUNTAIN VIEW DRIVE. THE RIGHT OF WAY FOR WEST VALLEY VIEW ROAD WEST OF BRIDGE NO. 7790 WAS RETRACED BY HOLDING THE CENTERLINE ALIGNMENT DESCRIBED PER INSTRUMENT NO. 93-33286 AND AN 80 FOOT RIGHT OF WAY WIDTH. THE ALIGNMENT WAS BEST-FIT TO THE DESCRIPTION'S CONTROLLING MONUMENTS, BEING THE N.E. COR. D.L.C. 69 AND THE N.W. COR D.L.C. 69, WHICH FIT WELL WITH CENTERLINE MONUMENTS SET ON SURVEY NO. 14907, AND MONUMENTS SET ALONG THE WICENED RIGHT OF WAY OF WEST VALLEY VIEW ROAD IN SUBSEQUENT SURVEYS AS SHOWN IN THE STATION OFFSET REPORT IN THE RECOVERED MONUMENT LIST.

THE REMAINING PORTION OF WEST VALLEY VIEW ROAD EASTERLY OF THE WIDENED SECTION TO THE RIGHT OF WAY OF PACIFIC HIGHWAY (INTERSTATE NO. 5) WAS RETRACED USING COMMISSIONER'S COURNAL VOLUME 15, PAGES 391-393. THERE WERE FEW CONTROLLING MONUMENTS CALLED FOR IN THE 1915 DESCRIPTION. THESE MONUMENTS VERE LOCATED AND TIED. DISCREPANCIES OF UP TO 38 FEET WERE FOUND. THEREFORE, THE CLOSEST CONTROLLING MONUMENT TO THE PROJECT SITE, THE S.E. CORNER OF DLC 75 (POSITION COMPUTED FROM SURVEY NO. 7859), WAS HELD AND THE RECORD BEARING OF NORTH 139°39'00" WEST (PROJECT BEARING NORTH 88°04'31" WEST)(BASED ON TRUE NORTH DETERMINED BY GPS OBSERVATIONS WITH SECOND-TERM CORRECTION APPLIED) WAS RUN WESTERLY THROUGH THE PROJECT SITE. THIS YIELDED THE CLOSEST FIT WITH THE EXISTING CENTEFLINE OF WEST VALLEY VIEW ROAD. PARCELS ALONG THE SOUTHERLY SIDE OF WEST VALLEY VIEW ROAD IN THIS AREA DESCRIBE THE RIGHT OF WAY AS THIRTY FEET FROM THE DLC LINE, WHICH RESULTS IN A GAP BETWEEN THE RETRACED RIGHT OF WAY PER THE 1915 PETITION DESCRIBED IN SAID COMMISSIONER'S JOURNAL, AND A LINE 30 FOOT DISTANT FROM THE DLC LINE.

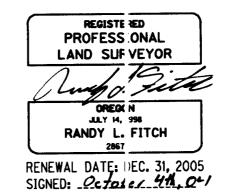
RIGHT OF WAY ROLL MAPS ON FILE IN THE JACKSON COUNTY SURVEYORS OFFICE AS MAPS 38/3 & 38/4 DATED 1938 AND 1941, SHOW A DIFFERENT CENTERLINE ALIGNMENT AND A RIGHT OF WAY WIDTH OF 50 FEET IN THE VICINITY OF THE PROJECT. HOWEVER, NO RECORDED ROAD RECORDS WERE LOCATED TO SUPPORT THESE SURVEYS.

#### **REFERENCES**

C.S. 7859 COMMISSIONERS JOURNAL VOLUME 15, PAGES 391-393 FIELD NOTES FOR ROAD NO. 56 C.S. 13205 ODOT DRAWING NO. 8B-12-15 C.S. 14662 C.S. 14907 C.S. 12299 C.S. 18011

**LEGEND** SET GPS POINT FOUND GPS POINT





11/3/2004 I:\PROJECTS\114\114-047\Survey\Final\11404?ret.dgn 1335 POPLAR DRIVE CONSULTING MEDFORD, OREGON 97504 **ENGINEERS** TEL. (541) 774-5590 FAX. (541) 774-5591

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY WEST VALLEY VIEW BRIDGE \*7790 @ BEAR CREEK VALLEY VIEW ROAD

> FOR JACKSON COUNTY ROADS, PARKS AND PLANNING SERVICES JULY 2004

JACKSON COUNTY, OREGON

NO SCALE

🐔 \* \* RECEIVED \* 🔊

Dais //-5-04 By BB

RANDY FITCH APPROVED BY: GROUF MANAGER-TITLE

SHT. 1 OF 5 DESIGNED: B. ELITHORP PROJ. NO. 114-047 CHK'D: RANDY FITCH FILE NO. DRAWN: R. ODEAR 13904S

6-18-2004 FND 2 1/2" BRASS DISK NW DLC 69, DOWN 0.10' - CS 14907

N/A

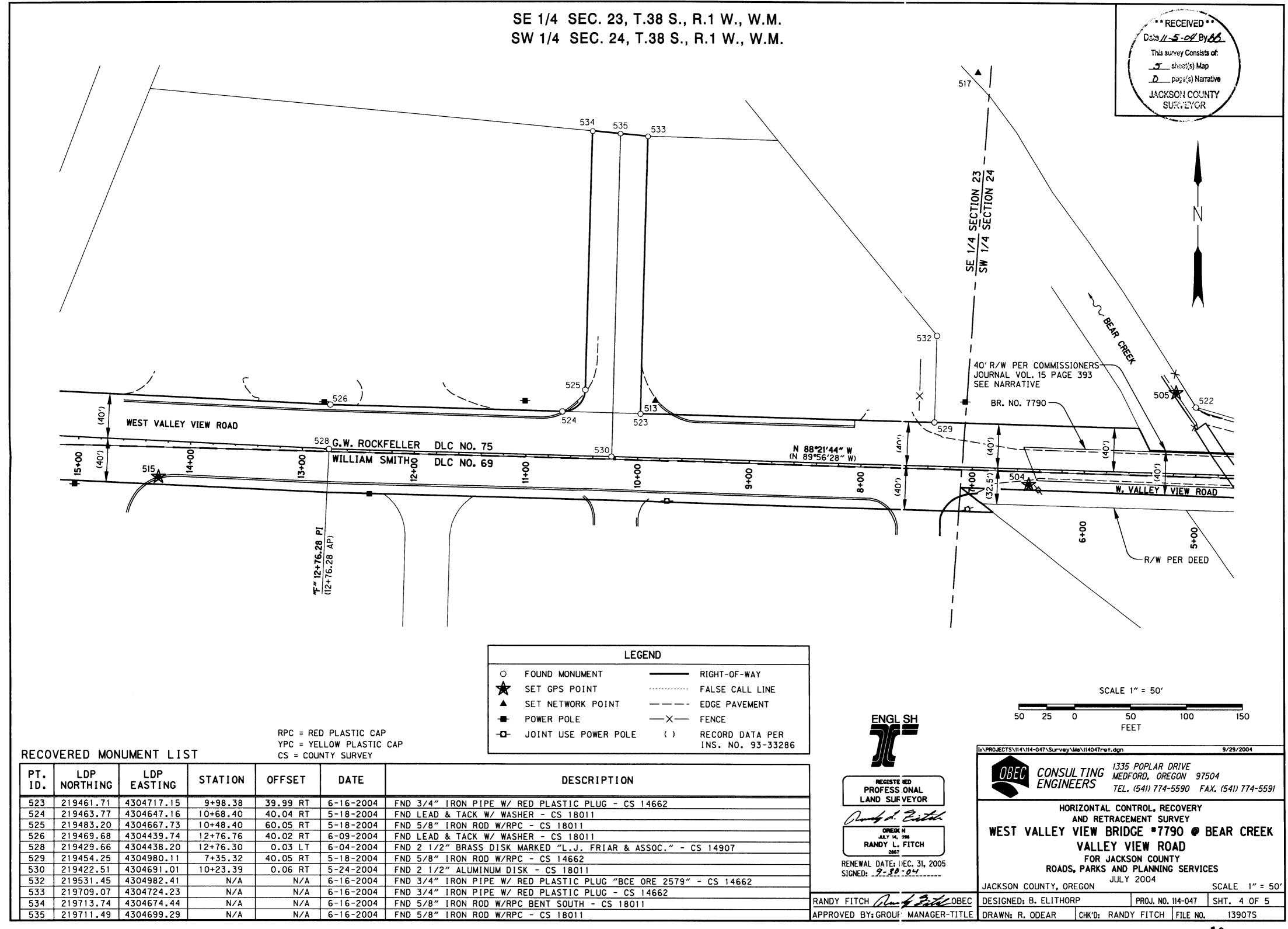
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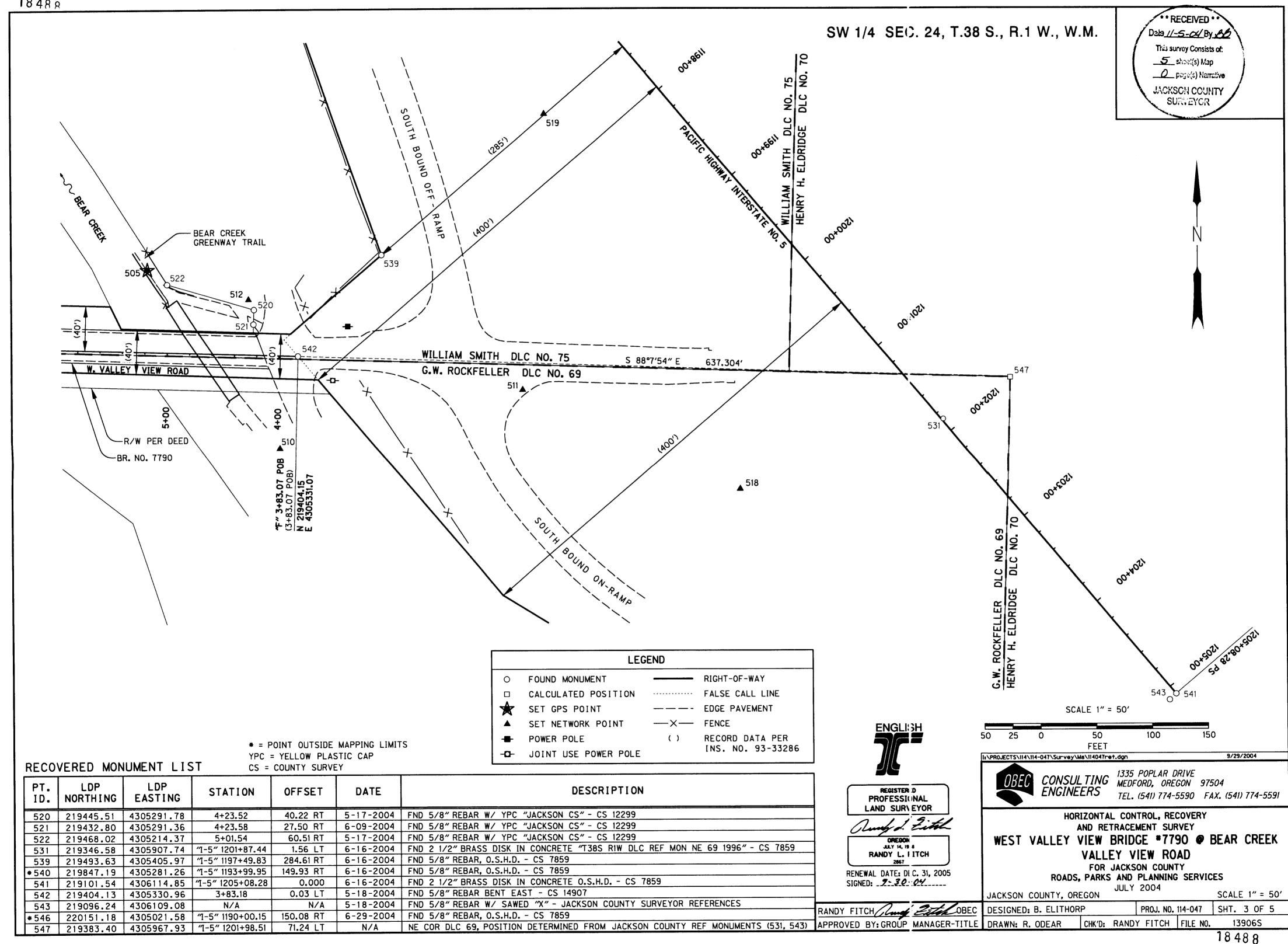
548 219454.40 4303484.72

139085

CHK'D: RANDY FITCH | FILE NO.

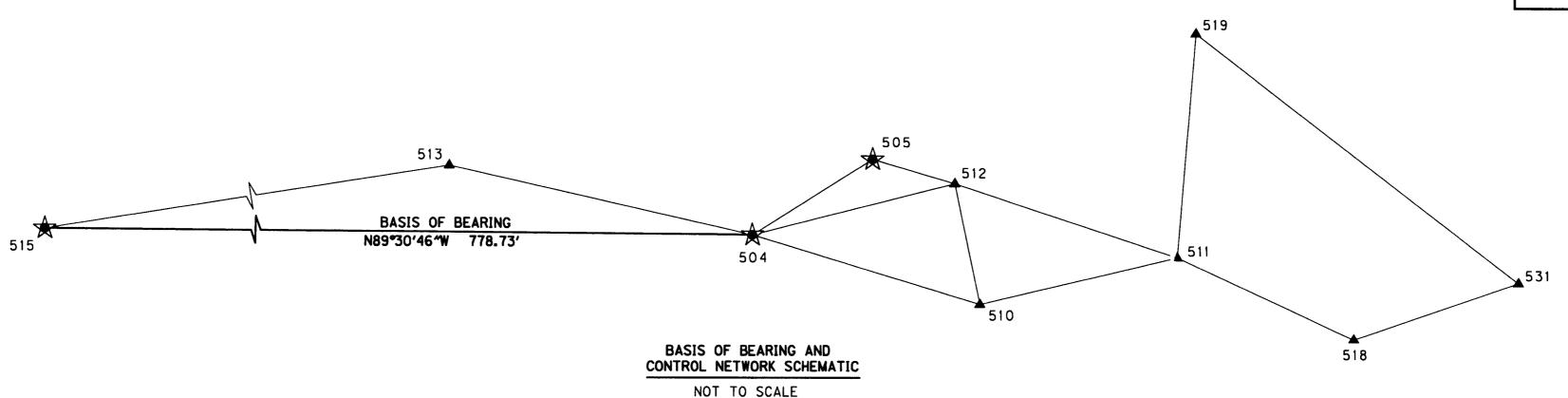
APPROVED BY: GROUF MANAGER-TITLE DRAWN: R. ODEAR





SE 1/4 SEC. 23, T.38 S., R.1 W., W.M. SW 1/4 SEC. 24, T.38 S., R.1 W., W.M.

\*\* RECEIVED \* Dais //-5-04 By PH This survey Consists of: \_5\_shoot(s) Map \_\_\_\_\_pogle(s) Narrative JACKSON COUNTY SUTTEYOR



## RESIDUALS FOR ANGLES AND DISTANCES

AT	то	DISTANCE**	DISTANCE RESIDUAL	ANGLE RESIDUAL
504	512	229.88 ft	0.00 ft	00°00′06″
504	513	342.21 ft	-0.01 ft	00°00′11″
504	513	342.21 ft	-0.01 ft	-00°00′03″
504	513	342.21 ft	-0.01 ft	-00°00′05″
504	515	778.72 ft	-0.02 ft	00°00′08″
504	515	778.72 ft	-0.01 ft	00°00′00″
505	512	94.08 ft	0.01 ft	00°00′07″
505	511	351.78 ft	0.01 ft	00°00′02″
510	512	134.85 ft	-0.01 ft	00°00′02″
511	510	223.37 ft	0.00 ft	-00°00′01″
511	518	226.84 ft	-0.01 ft	00°00′02″
511	518	226.84 ft	0.00 ft	-00°00′02″
511	519	246.17 ft	0.01 ft	00°00′02″
512	511	257.73 ft	0.00 ft	-00°00′02″
513	515	450.40 ft	-0.02 ft	00°00′08″
515	504	778.72 ft	-0.01 ft	00°00′07″
518	531	184.37 ft	-0.02 ft	-00°00′03″
519	511	246.17 ft	0.01 ft	00°00′03″
531	519	448.12 ft	-0.01 ft	-00°00′03″

\*\* CALCULATED HORIZONTAL DISTANCES IN FEET DERIVED FROM THE MEASURED SLOPE DISTANCES

## CONFIDENCE LEVEL LIMITS

POINT NO.	SEMI MAJOR	SEMI MINOR	ORIENTATION*
510	0.01 ft	0.01 ft	219°22′59″
511	0.01 ft	0.01 ft	300°44′51″
512	0.01 ft	0.00 ft	274°55′02″
513	0.01 ft	0.01 ft	276°06′51″
518	0.02 ft	0.02 ft	194°33′59″
519	0.02 ft	0.02 ft	317°22′27″
531	0.03 ft	0.02 ft	187°14′36″

### \* NORTH AZIMUTH

FIXED POINTS NOT SUBJECT TO LEAST SQUARES ADJUSTMENT OR CONFIDENCE LEVEL ANALYSIS: 504, 505, 515

### CONTROL NARRATIVE

PROJECT: WEST VALLEY VIEW BRIDGE #7790 @ BEAR CREEK, VALLEY VIEW ROAD LOCATION: WEST VALLEY VIEW ROAD, JACKSON COUNTY OBEC PROJECT: 114-047

SURVEY DATUM: LOCAL DATUM PLANE (LDP) SCALED FROM NAD 83(91) (INTERNATIONAL FEET)

#### MONUMENTATION

WORK ON THIS PROJECT INCLUDED SETTING 3 PRIMARY HORIZONTAL CONTROL MONUMENTS. POINT NO'S. 504, 505 AND 515. THESE POINTS WERE SET USING GPS CONTROL POINTS "FERN" AND OBEC GPS CONTROL POINT 230 PREVIOUSLY SET ON FILED SURVEY NO. 17410. THE REMAINING NETWORK POINTS WERE SET USING CONVENTIONAL SURVEYING TECHNIQUES.

RPC = YELLOW PLASTIC CAP NETWORK POINT COORDINATE TARLE CS = COUNTY SURVEY

PT. ID.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION		
504	219397.65	4305064.25	5-17-04	SET 5/8" X 30" IRON ROD W/ RPC "OBEC CONTROL"		
505	219480.97	4305196.73	5-17-04	SET MAGNAIL & WASHER "OBEC CONTROL"		
510	219322.41	4305314.39	5-17-04	SET MAGNAIL & WASHER "OBEC CONTROL"		
511	219373.78	4305531.78	5-17-04	SET MAGNAIL & WASHER "OBEC CONTROL"		
512	219454.45	4305286.99	5-17-04	SET MAGNAIL & WASHER "OBEC CONTROL"		
513	219473.62	4304730.58	5-17-04	SET MAGNAIL & WASHER "OBEC CONTROL"		
515	219404.27	4304285.55	5-17-04	SET MAGNAIL & WASHER "OBEC CONTROL"		
518	219277.08	4305736.98	5-17-04	SET HUB & TACK		
519	219619.12	4305552.03	5-17-04	SET HUB & TACK		
531	219346.58	4305907.75	5-17-04	FND 2 1/2" BRASS DISK IN CONCRETE "T38S RIW DLC REF MON NE 69 1996"		



RENEWAL DATE: DEC. 31, 2005 SIGNED: 9-34-04

CONSULTING 1335 POPLAR DRIVE MEDFORD, OREGON 97504 ENGINEERS HORIZONTAL CONTROL. RECOVERY AND RETRACEMENT SURVEY

Is\PROJECTS\114\114-047\Survey\Ma\114047ret.dgn

JULY 2004

ROADS, PARKS AND PLANNING SERVICES

LEGEND

SET GPS POINT

LINES OF OBSERVATION

→ FOUND GPS POINT

JACKSON COUNTY, OREGON RANDY FITCH Que & Fith OBEC DESIGNED: B. ELITHORP PROJ. NO. 114-047 | SHT. 2 OF 5 APPROVED BY: GROUP MANAGER-TITLE DRAWN: R. ODEAR CHK'D: RANDY FITCH FILE NO. 13905S

18488

9/29/2004

NO SCALE

TEL. (541) 774-5590 FAX. (541) 774-5591

WEST VALLEY VIEW BRIDGE \*7790 @ BEAR CREEK

VALLEY VIEW ROAD FOR JACKSON COUNTY