



Survey For  
**OREGON STATE HIGHWAY DIVISION**

Cove Highway #237 Union County

**COVE NCL - CHURCH STREET**

Key I.D. No. 05608  
 Date of Survey: March 31, 1992

Sheet No.  
 1

Total Sheets  
 1

REGISTERED PROFESSIONAL LAND SURVEYOR

WALTER ROBERT SULLIVAN  
 OCT. 6, 1978  
 #1746

Walter Robert Sullivan  
 3012 Island Ave.  
 LaGrande, Oregon 97850

**NARRATIVE OF SURVEY**

The purpose of this survey is to establish Horizontal control for the Cove NCL Church St. Project located on Highway #237 in Cove, Oregon, T 3 S, R 40 E, Sec. 16. Project limits begin at the North City Limits and end at Church Street.

The Basis of Bearing was determined by G.P.S. Stations located on the project ("COVE" & "PHYS PT"). The traverse began at "COVE" G.P.S. Station backsighting "PHYS PT" and continuing through seven points and closing at "PHYS PT" foresighting "COVE". The Angular Misclosure 00° 00' 00.2" and a Linear Misclosure of 0.19'. The coordinates for these positions were calculated by using Oregon North Base State Plane coordinates and converted to Local Datum. The LPD factor of 0.999761537 was used to obtain the Local Datum (1983/91) coordinates. The Traverse was adjusted by the Compass Rule Method and coordinates shown have been adjusted. R/W Monumentation and property pin locations were double tied from traverse control points. A Wild T-2000 with a D15 EDM and GRE-3 Data Collector were used to collect the Horizontal Control and Mapping Data. Existing monumentation located by Survey Records and references are noted in the coordinate table.

**Legend**

- △ Traverse Point
- Fnd. Monument

PT. #	NORTHING	EASTING	BEARING	DIST.
1	605,754.556	8,891,298.191	N 87° 16' 11.0" E	2296.04
2	605,863.026	8,893,591.621	N 81° 10' 20.3" E	1204.96
3	606,047.944	8,894,782.311	S 86° 10' 44.8" E	1013.17
4	605,980.429	8,895,793.230	S 87° 26' 51.0" E	795.78
5	605,944.989	8,896,588.217	N 05° 40' 37.7" W	1118.87
6	607,058.374	8,896,477.536	N 00° 14' 21.5" W	2247.28
7	609,305.633	8,896,468.149	N 02° 31' 31.1" W	1965.41
8	611,269.138	8,896,381.552	S 61° 15' 01.5" W	5955.65
9	608,404.574	8,891,160.052	S 02° 59' 02.4" E	2653.62
1	605,754.556	8,891,298.191		

PT. #	NORTHING	EASTING	BEARING	DIST.
8	611,269.138	8,896,381.552	S 14° 51' 07" W	36.65
1000	611,233.717	8,896,372.159		
1001	609,294.427	8,896,464.117	N 19° 47' 21" E	11.91
7	609,305.633	8,896,468.149	S 79° 58' 23" E	230.80
1002	609,265.449	8,896,695.421		
1003	609,257.027	8,896,489.651	N 23° 51' 48" W	53.15
7	609,305.633	8,896,468.149	S 07° 02' 18" E	233.48
1004	609,073.914	8,896,496.758		
7	609,305.633	8,896,468.149	S 05° 40' 02" E	326.06
1005	608,981.167	8,896,500.347		

PT. #	NORTHING	EASTING	BEARING	DIST.
1006	607,074.067	8,896,544.338	S 76° 46' 48" W	68.62
6	607,058.374	8,896,477.536	S 41° 38' 37" E	105.99
1007	606,979.172	8,896,547.963		
1008	605,986.105	8,895,787.424	S 45° 38' 55" E	8.12
4	605,980.429	8,895,793.230	S 02° 57' 19" E	68.43
1009	605,912.090	8,895,789.702		
1010	605,911.058	8,895,759.619	N 25° 51' 02" E	77.08
4	605,980.429	8,895,793.230	N 20° 04' 41" W	75.18
1011	606,051.039	8,895,767.421		

PT. #	NORTHING	EASTING	BEARING	DIST.
1012	606,052.259	8,895,747.214	S 32° 38' 41" E	85.31
4	605,980.429	8,895,793.230	N 54° 23' 41" W	124.75
1013	606,053.073	8,895,691.810		

PT. to PT.	FILED SURVEY NO.	RECORD DIST.	MEASURED DIST.
1002-1003	90-008	206.00	205.94
1003-1004	90-008	183.16	183.25
1004-1005	90-008	100.00	92.82
1008-1010	49-84	80.87	80.03
1009-1010	49-84	30.00	30.10
1011-1012	046-1991	20.23 (L.C.)	20.24
1012-1013	046-1991	55.38	55.41

UNION COUNTY SURVEY

Date Received: 8/2/92

Date Filed: 8/25/92

By: Gregory T. Slone

File No. 030-1992