

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE LOCATION OF THE RIGHT OF WAY OF HIGHWAY 234 (ALSO KNOWN AS PACIFIC HIGHWAY 99, SAMS VALLEY HIGHWAY, NORTH PACIFIC HIGHWAY, AND SECOND AVENUE) AND NORTH RIVER ROAD IN ORDER TO PROPERLY MAP AND DESIGN A 0.75 MILE PORTION OF THE ROGUE RIVER TRAIL BETWEEN SARDINE CREEK AND ROCK POINT BRIDGE IN JACKSON COUNTY. THIS SURVEY IS TO ESTABLISH A CONTROL NETWORK AND RECOVER AND PRESERVE THE POSITION OF MONUMENTS THAT HAVE BEEN PREVIOUSLY PLACED IN THE PUBLIC RECORDS.

REFERENCE DOCUMENTS USED:

WITH REGARDS TO HIGHWAY 234: ODOT DRG 3B-2-9 (ROCK POINT - GOLD HILL SECTION) AND 1R-3-607 (SARDINE CREEK SECTION - DATED MAY 1938).
WITH REGARDS TO NORTH RIVER ROAD: 1955 COUNTY ROAD RECORDS ROAD ALIGNMENT.

WITH REGARDS TO NORTH RIVER ROAD: 1955 COUNTY ROAD RECORDS ROAD ALIGNMENT FILED SURVEYS (JACKSON COUNTY): CS 243, 3357, 4628, 12891, 17445, AND 20087.

DEEDS: VOL. 217 PG. 9, DEED RECORDS AND NO. 76-12231, OFFICIAL RECORDS, AS WELL AS OTHER DOCUMENTS DESCRIBING PROPERTY IN THE SUBJECT AREA ALL USE STATIONING AND MATHEMATICS AS SHOWN ON ODOT MAP IR-3-607 WHICH WAS THE BASIS FOR THE CENTERLINE OF HIGHWAY 234 AS WELL AS PROPERTY LINES AS SHOWN ON THAT DRAWING. VOL. 497 PG. 156-160, DEED RECORDS WAS USED TO DETERMINE THE WESTERLY RIGHT OF WAY OF HIGHWAY 234 AND THE SOUTHERN RIGHT OF WAY OF NORTH RIVER ROAD AT THAT SPECIFIC ROAD INTERSECTION.

ALIGNMENT RESOLUTION:

HIGHWAY 234: THE MATHEMATICAL ALIGNMENT OF THE CENTERLINE OF THE HIGHWAY PER ODOT DRG. NO. 3B-2-9 FROM STATION 590+00 WESTERLY TO THE ROCK POINT BRIDGE AT STATION 637+49.5 PC WAS REVIEWED. ADDITIONAL REALIGNMENT OF THE SECTION FROM 594+50.00 PT TO 603+56.4 PC WAS REVIEWED PER MAP IR-3-607. THE TWO MAPS, SUPPORTED BY FURTHER RECORDED DEED INFORMATION, BECAME THE BASIS FOR LOCATING THE CENTERLINE AND RIGHT OF WAY OF HIGHWAY 234. RIGHT OF WAY MONUMENTS WERE SPECIFICALLY NOTED ON MAP IR-3-607.

A THOROUGH SEARCH WAS MADE FOR ALL REPORTED MONUMENTS BUT ONLY MONUMENT NO'S 1001 AND 1002 WERE FOUND. THEY ARE ALSO NOTED AS FOUND PER CS 243 AND 20087 AT STATION 595+00. ADDITIONAL MONUMENTS SHOWN ON THESE TWO SURVEYS WERE FOUND AT STATIONS 592+02.5 PC AND 589+44.57 AND NOTED AS MONUMENT NOS. 1007 AND 1008 RESPECTIVELY. USING MONUMENTS NO. 1002, 1007, AND 1008 AS HORIZONTAL CONTROL (SHOWN ON SHEET 3), THE RECORD ALIGNMENT OF THE HIGHWAY AND SPIRAL DATA BETWEEN STATIONS 589+44.57 AND 604+35.0 PT WAS HELD AND ROTATED 1°44'48" CLOCKWISE EXCEPT FOR A MINOR CHANGE IN DELTA ANGLE FROM 9°54' TO 9°54'51" AT STATION 592+02.5 PC AS SHOWN. AT THIS POINT A ROTATION OF 1°57'09" CLOCKWISE IN THE RECORD ALIGNMENT WAS UTILIZED IN ORDER TO BETTER FIT THE ACTUAL PAVED ROAD SURFACE ALONG WITH THE RELATIVE PHYSICAL LOCATION OF THE BRIDGE AT ROCK POINT. THIS RESULTED IN A DELTA ANGLE OF 3°18'39" (RECORD 3°31') BETWEEN STATIONS 605+87.21 PC (RECORD 605+77.0) AND 609+18.29 PT (RECORD 609+28.7) AND DELTA ANGLE OF 59°26'27' (RECORD 59'26') BETWEEN STATIONS 631+11.53 PC (RECORD 631+12.3) AND 633+81.72 PT (RECORD 633+82.5).

NORTH RIVER ROAD: THE FINAL CENTERLINE ALIGNMENT FOR NORTH RIVER ROAD WAS A COLLABORATIVE EFFORT BETWEEN JACKSON COUNTY SURVEYOR KERRY BRADSHAW AND SURVEYOR PAT DICKERSON WITH THE JACKSON COUNTY ROAD DEPARTMENT. A COORDINATE SHEET FROM 1955 WAS PROVIDED BY PAT DICKERSON THAT PROVIDED ALIGNMENT DETAILS FOR A LARGE SECTION OF ROAD FROM THE CITY OF ROGUE RIVER EASTERLY TO HIGHWAY 234. THE PARTICULAR SECTION OF ROAD OF INTEREST FOR THIS PROJECT WAS FROM STATION 296+25.20 PT TO 306+96.23 PI. BASED ON FIELD TIES TO MONUMENTS SHOWN IN FILED SURVEYS CS 4628 AND 17445, THE CALCULATED LOCATION OF THE CENTERLINE OF THE 60 FOOT WIDE RIGHT OF WAY BETWEEN STATIONS 296+25.20 PT AND 301+07.53 PC WAS ESTABLISHED. IT WAS THE APPARENT INTENTION OF THE 1955 DATA SHEET THAT STATION 306+96.23 PI BE THE SAME POINT AS STATION 632+61.0 PI OF HIGHWAY 234. WITH THAT IN MIND I HELD THE CENTERLINE BEARING BETWEEN STATIONS 296+25.20 PT AND 301+07.53 PC, THE RECORD 2° CURVE DATA, AND THE COMPUTED PI POINT OF HIGHWAY 234 (STATION 632+61.0) TO DEFINE THE CENTERLINE OF NORTH RIVER ROAD AS SHOWN ON THE MAP.

LEGEND



SET GPS STATION

SET NETWORK POINT

A

FOUND MONUMENT, USED AS NETWORK POINT PROFESSIONAL LAND SURVEYOR

Richard & Bath

OREGON JULY 30, 1976 RICHARD L. BATH No. 1069

RENEWS: 12/31/13



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OREGON DEPARTMENT OF TRANSPORTATION

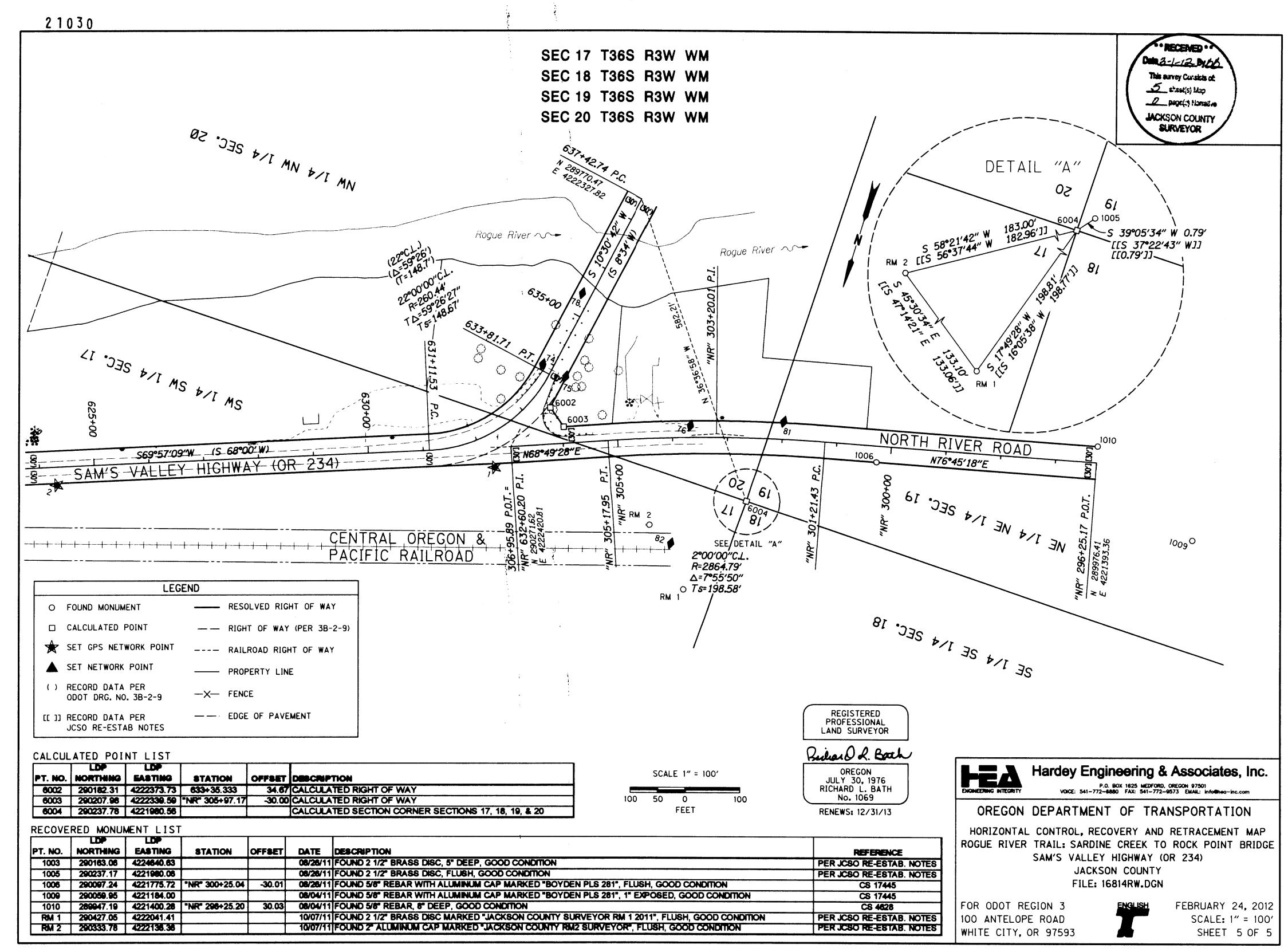
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
ROGUE RIVER TRAIL: SARDINE CREEK TO ROCK POINT BRIDGE
SAM'S VALLEY HIGHWAY (OR 234)
JACKSON COUNTY

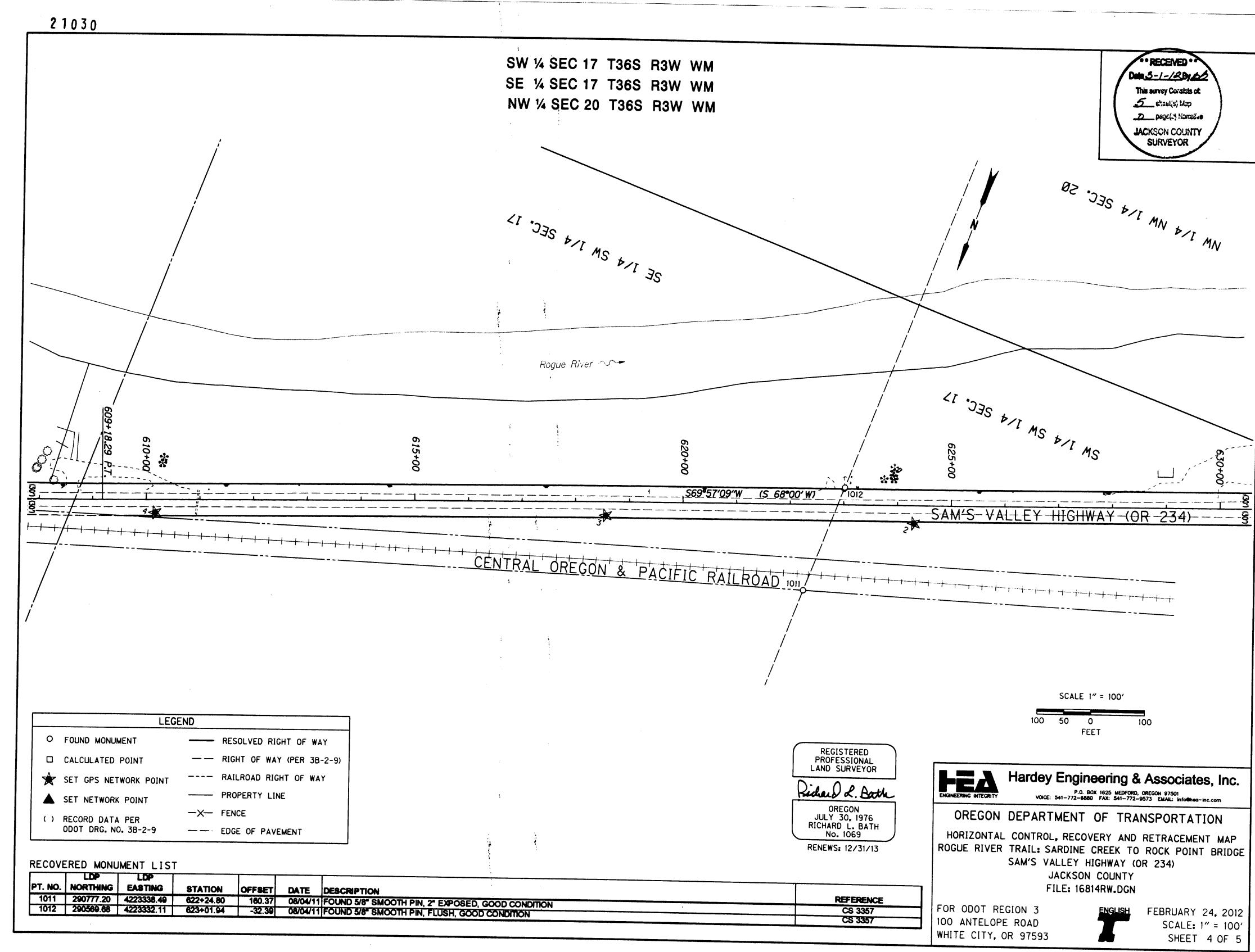
JACKSON COUNTY
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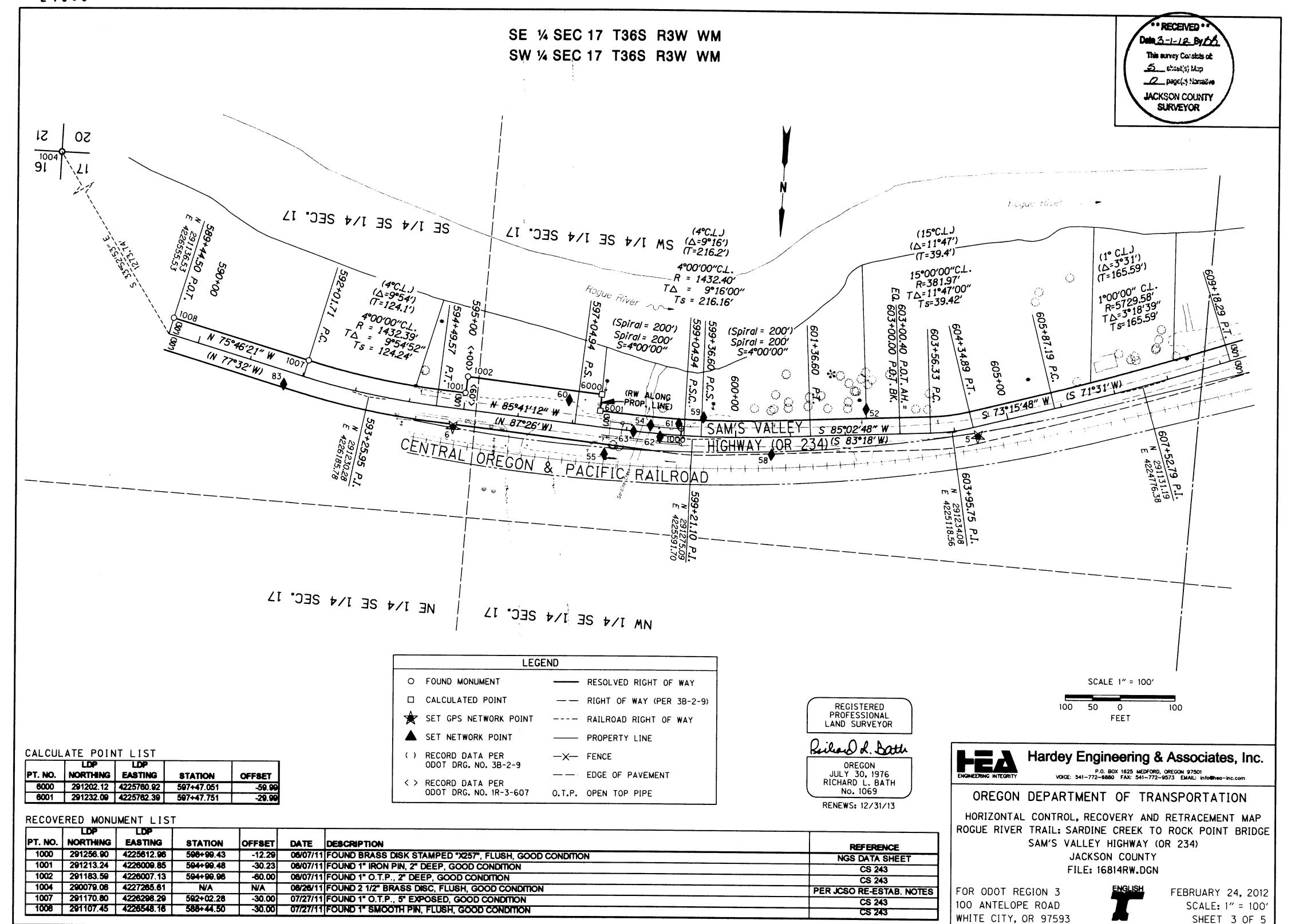
FOR ODOT REGION 3 100 ANTELOPE ROAD WHITE CITY, OR 97593

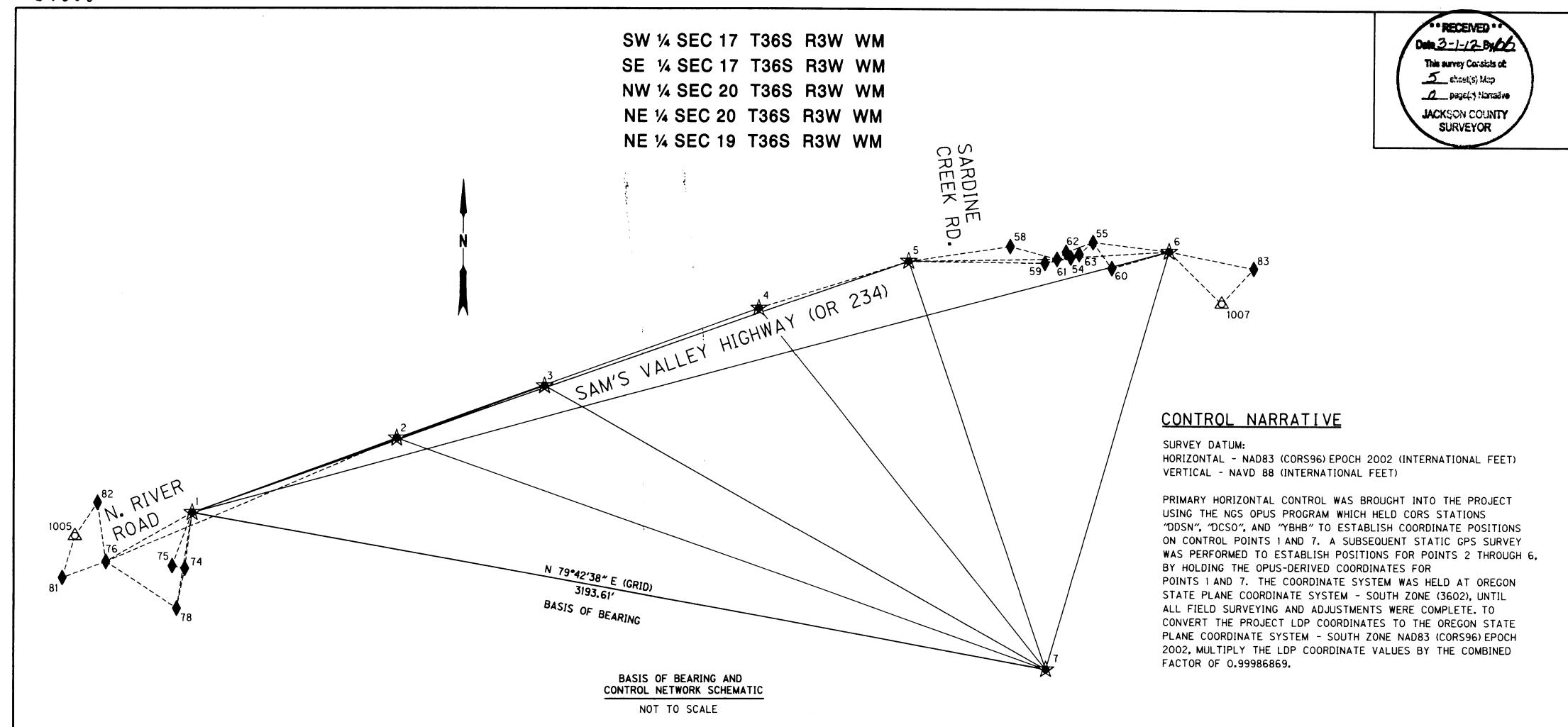


FEBRUARY 24, 2012 SCALE: 1" = 100' SHEET 1 OF 5









NETWORK POINT COORDINATE TABLE

	LDP	LDP			
PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION	
1	290316.998	4222437.214	12/15/2010	SET 5/8" X 30" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	
2	290587.242	4223188.807	12/15/2010	SET 5/8" X 30" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	
3				SET 5/8" X 30" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	
4				SET 5/8" X 30" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	L
5				SET 5/8" X 30" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	
6				SET 5/8" X 30" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	
7				SET 5/8" X 30" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	Γ
54				SCRIBED "X" IN SIDEWALK	
55	<u> </u>			SET 5/8" X 24" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	
58				SET 5/8" X 24" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	
59				SET 5/8" X 24" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	
				SET 12" SPIKE WITH WASHER	-
				SET 12" SPIKE WITH WASHER	
62				SET HUB AND TACK	
63	A			SET HUB AND TACK	
74				SET SPIKE WITH WASHER	
75				SET SPIKE WITH WASHER	
76	I			SET SPIKE WITH WASHER	
78		4222380.848		SCRIBED "X" IN SIDEWALK	
81				SET SPIKE WITH WASHER	
82	290354.109			SET SPIKE WITH WASHER	
83		4226341.653		SET 5/8" X 24" IRON REBAR W/ ALUMINUM CAP STAMPED "HEA CONTROL POINT"	1
	290237.168			FOUND 2 1/2" BRASS DISC, FLUSH, GOOD CONDITION (SEE 2011 JCSO RE-ESTAB. NOTES ON SHEET 5 OF 5)	
1007	291170.804	4226298.294	07/27/11	FOUND 1" O.T.P., 5" EXPOSED, GOOD CONDITION (PER CS 243)	v
					- 1

REGISTERED PROFESSIONAL LAND SURVEYOR

Dichard R. Bath OREGON

OREGON
JULY 30, 1976
RICHARD L. BATH
No. 1069

RENEWS: 12/31/13

SET GPS STATION

SET NETWORK POINT

FOUND MONUMENT, USED AS NETWORK POINT

GPS LINES OF OBSERVATION

NETWORK LINES OF OBSERVATION

O.T.P. OPEN TOP PIPE

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
ROGUE RIVER TRAIL: SARDINE CREEK TO ROCK POINT BRIDGE
SAM'S VALLEY HIGHWAY (OR 234)

JACKSON COUNTY
FILE: 16814RW.DGN

FOR ODOT REGION 3 100 ANTELOPE ROAD WHITE CITY, OR 97593



FEBRUARY 24, 2012 SCALE: 1" = 100' SHEET 2 OF 5