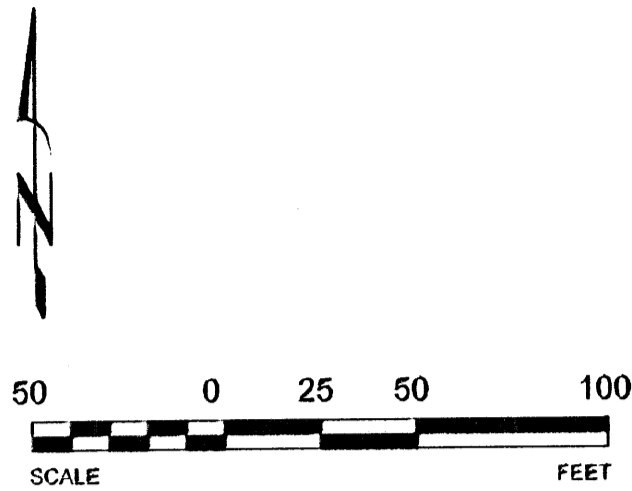


OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL AND RECOVERY MAP
 NE 1/4 SEC 35, T 27 S, R 6 W, W.M.
 MARCH 12, 2009

I-5/OR 42 WINSTON - McLAIN AVENUE
BUNDLE 307
McLAIN BRIDGE # 07711A - I-5
MP 121.69

FILED
 Date: 4-9-2009 By: JC
 This survey consists of:
 Map: ST HWY 15 - 022
 Narrative:
 Corner: Dpt:
 DOUGLAS COUNTY
 SURVEYOR



LEGEND

- DESIGN "L" LINE ALIGNMENT
- EOP- EDGE OF PAVEMENT
- FOUND MONUMENT AS NOTED
- APPROXIMATE ODOT RIGHT OF WAY
- SET MONUMENT AS NOTED

ABBREVIATIONS

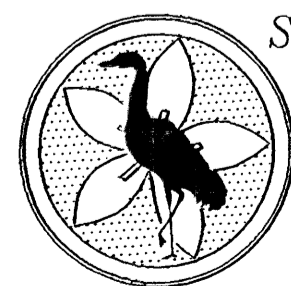
- C&M CRANE & MERSETH ENGINEERING/SURVEYING
- E EAST
- EL ELEVATION
- FND FOUND
- IR IRON ROD
- N NORTH
- ODOT OREGON DEPARTMENT OF TRANSPORTATION
- () RECORD
- RPC RED PLASTIC CAP
- SN SURVEY NUMBER
- W/ WITH

RECORD SURVEYS

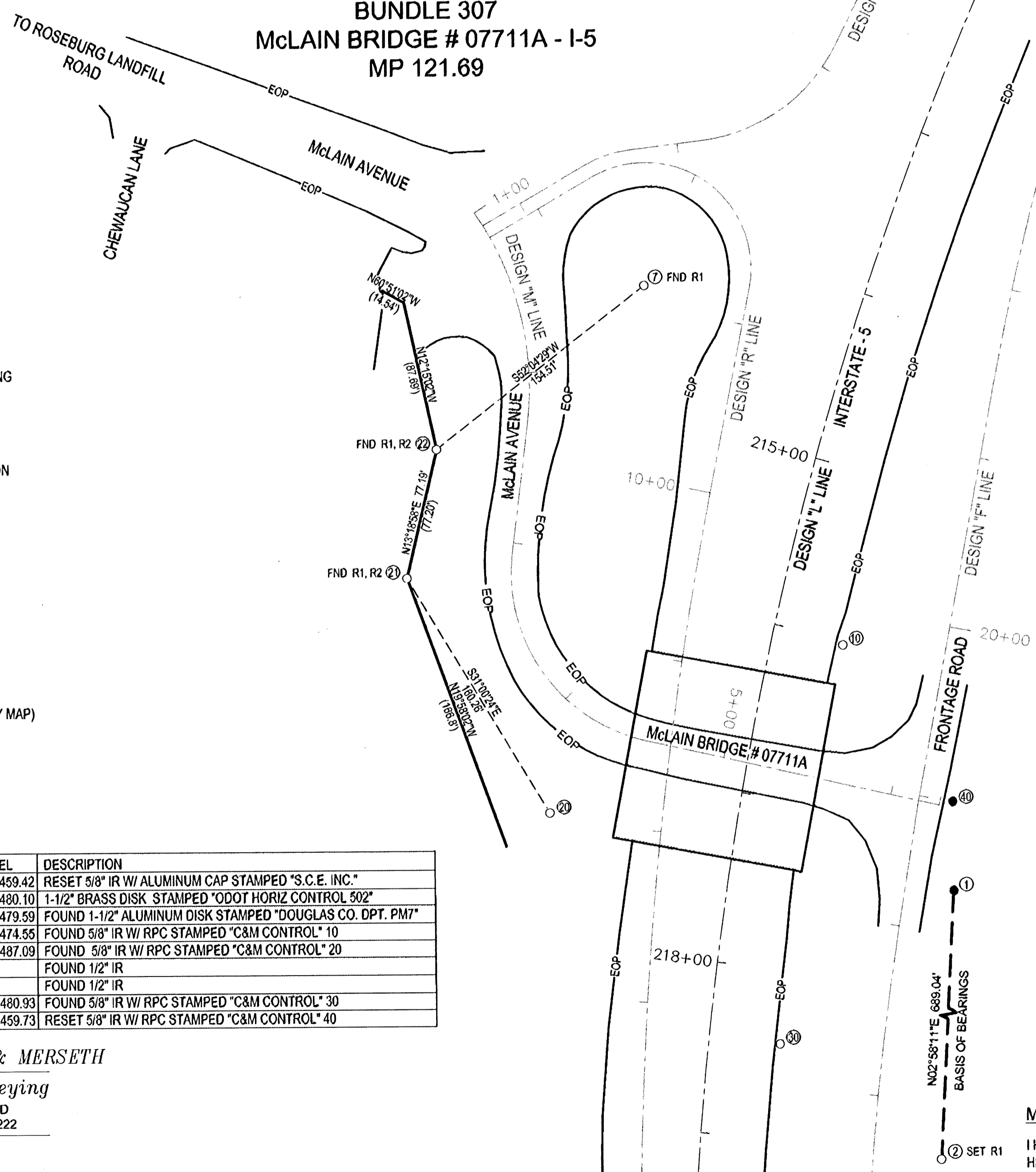
- R1 SN M133-75H (HORIZONTAL CONTROL AND RECOVERY MAP)
- R2 SN M41-19 (ODOT RIGHT OF WAY MAP)

RECOVERED MONUMENT LIST

PT NO.	NORTHING	EASTING	DESIGN STATION / OFFSET	EL	DESCRIPTION
1	565927.7297	1234241.2369	217+37.60 / 131.17 L	459.42	RESET 5/8" IR W/ ALUMINUM CAP STAMPED "S.C.E. INC."
2	565239.6129	1234205.5381	224+66.09 / 83.53 L	480.10	1-1/2" BRASS DISK STAMPED "ODOT HORIZ CONTROL 502"
7	566282.0475	1234062.6661	214+32.99 / 124.66 R	479.59	FOUND 1-1/2" ALUMINUM DISK STAMPED "DOUGLAS CO. DPT. PM7"
10	566071.3252	1234177.5632	216+03.09 / 41.37 L	474.55	FOUND 5/8" IR W/ RPC STAMPED "C&M CONTROL" 10
20	565974.6036	1234005.5849	217+28.97 / 108.97 R	487.09	FOUND 5/8" IR W/ RPC STAMPED "C&M CONTROL" 20
21	566111.9651	1233923.0080	216+18.21 / 215.93 R		FOUND 1/2" IR
22	566187.0807	1233940.7868	215+48.27 / 215.95 R		FOUND 1/2" IR
30	565838.7196	1234139.2019	218+43.78 / 41.81 L	480.93	FOUND 5/8" IR W/ RPC STAMPED "C&M CONTROL" 30
40	565979.8056	1234240.9221	216+83.02 / 121.96 L	459.73	RESET 5/8" IR W/ RPC STAMPED "C&M CONTROL" 40



S.C.E. INC. dba CRANE & MERSETH
 Engineering/Surveying
 6566 SE LAKE Rd., SUITE D
 MILWAUKIE, OREGON 97222
 BUS: (503) 654-2005
 FAX: (503) 654-2575



NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RECOVER THE EXISTING PRE DESIGN SURVEY CONTROL AND TO PROVIDE LOCATION OF ANY EXISTING BOUNDARY MONUMENTS PRIOR TO THE RECONSTRUCTION OF THE McLAIN AVE BRIDGE ON INTERSTATE 5. THIS IS NOT A RETRACEMENT OF THE HIGHWAY CENTERLINE OR RIGHT-OF-WAY LINE, AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE THAN THE REPLACEMENT OF THE McLAIN AVENUE BRIDGE.

THE BASIS OF BEARINGS FOR THIS SURVEY IS BETWEEN MONUMENTS NO. 1, A 5/8" IRON ROD WITH AN ALUMINUM CAP STAMPED "S.C.E. INC". (THIS IS A REPLACEMENT MONUMENT FOR THE 3" BRASS DISC STAMPED "DOUGLAS COUNTY SURVEYOR'S OFFICE WES 1998" FOUND DURING THE PRE DESIGN TOPOGRAPHIC SURVEY), AND MONUMENT NO. 2, A 1-1/2" BRASS DISC STAMPED "ODOT HORIZ CONTROL 502". AS SHOWN ON DOUGLAS COUNTY SURVEY MAP M133-75H SHEET 8 OF 12, A HORIZONTAL CONTROL AND RECOVERY MAP RECORDED DECEMBER 21, 1999 IN SAID COUNTY SURVEY RECORDS.

I NOTIFIED THE DOUGLAS COUNTY SURVEYOR OF THE LOSS OF THE 3" BRASS CAP "WES 1998" DUE TO RECENT CONSTRUCTION OF A BIKE PATH. THEY AUTHORIZED ME TO REPLACE THE POSITION WITH A MONUMENT OF MY CHOICE. THE REPLACED MONUMENT (5/8" IR WITH ALUMINUM CAP STAMPED "S.C.E. INC.") FOR "WES 1998" WAS ESTABLISHED AT THE PREDESIGN HORIZONTAL COORDINATE VALUES. A DIFFERENTIAL LEVEL LOOP WAS RUN TO THE NEW MONUMENT TO ESTABLISH A NEW ELEVATION.

A TRAVERSE USING TERRESTRIAL METHODS AND DIFFERENTIAL LEVELS WAS RUN BETWEEN THE EXISTING MONUMENTATION TO VERIFY THE PRE-DESIGN COORDINATE VALUES AND ELEVATIONS. ALL THE PREDESIGN MONUMENTS CHECKED FOR HORIZONTAL AND VERTICAL POSITION WITHIN ACCEPTABLE TOLERANCES.

POINT NUMBER 40 WAS ALSO DESTROYED DURING THE CONSTRUCTION OF THE BIKE PATH. IT WAS ALSO REESTABLISHED AT THE PREDESIGN HORIZONTAL COORDINATE VALUES. A DIFFERENTIAL LEVEL LOOP WAS RUN TO THE NEW MONUMENT TO ESTABLISH A NEW ELEVATION.

A SEARCH OF THE COUNTY SURVEY RECORDS WAS MADE FOR ADDITIONAL SURVEYS FILED SINCE THE PREDESIGN SURVEY OF APRIL 6, 2007. NO ADDITIONAL SURVEYS WERE RECORDED OR PENDING AS OF MY REVIEW AT THE COUNTY SURVEYOR'S OFFICE ON MARCH 12, 2009.

ELEVATIONS ARE BASED UPON BENCH MARK Z596 BEING A BRONZE DISC IN THE SW CORNER OF McLAIN AVENUE OVERCROSSING (MP 121.7) ON TOP OF CONCRETE BRIDGE "F" RAIL. THE ELEVATION HELD ON Z596 IS 488.12'.

THE STATION AND OFFSET SHOWN IN THE TABLE ARE BASED UPON THE DESIGN "L" LINE ALIGNMENT.

N02°58'11"E 689.04'
 BASIS OF BEARINGS
 SET R1

MEDIA CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAT IS PREPARED USING HP 51645A ON CONTINENTAL #JPC4M2 POLYESTER FILM.

REGISTERED PROFESSIONAL LAND SURVEYOR
Robert S. Wiley
 OREGON
 JULY 25, 1990
 CHARLES L. WILEY
 2474
 SIGNED: 4/2/2009
 EXP: 6/30/2010