

NW 1/4 SEC. 5 T10S R30E WM
SW 1/4 SEC. 5 T10S R30E WM

RECOVERED / SET MONUMENT LIST

PT. NO.	NORTHING	EASTING	DATE	STATION	OFFSET	DESCRIPTION & REFERENCE DOCUMENTS
1050	174863.78	197988.28	2/9/2021	N/A	N/A	FD 2-1/2" BRASS CAP ON 2-1/2" IRON PIPE, FLUSH, CAP MKD. AS SHOWN, LCM C-9
1051	174866.10	192712.88	2/9/2021	N/A	N/A	FD 14"x12"x7" STONE MARKED WITH CHISELED "X", GLO NOTES, REPLACED WITH 5/8"x30" IRON ROD WITH 3-1/4" ODOT ALUMINUM CAP MARKED AS SHOWN.
1052	175673.74	192906.52	2/9/2021	1720+78.83	40.01' RT	FD 3/4" IRON ROD, FLUSH, 4"x4" WOOD POST ALONGSIDE, ODOT DRG. 7B-32-18
1053	175728.59	192964.78	2/9/2021	1720+78.83	40.01' LT	FD 3/4" IRON ROD, DOWN 0.1', 4"x4" WOOD POST ALONGSIDE, ODOT DRG. 7B-32-18
1054	175975.40	192622.59	2/9/2021	1716+64.57	39.94' RT	FD 5/8" IRON ROD, UP 0.1', 4"x4" WOOD POST ALONGSIDE, ODOT DRG. 7B-32-18
1055	176030.14	192680.78	2/9/2021	1716+64.59	39.94' LT	FD 5/8" IRON ROD, UP 0.5', 4"x4" WOOD POST ALONGSIDE, ODOT DRG. 7B-32-18
1056	175462.50	193127.71	2/9/2021	1723+78.76	39.87' RT	FD 5/8" IRON ROD, UP 0.3', 4"x4" WOOD POST ALONGSIDE, ODOT DRG. 7B-32-18
1057	175525.79	193176.57	2/9/2021	1723+78.65	40.08' LT	FD 5/8" IRON ROD, UP 0.8', 4"x4" WOOD POST ALONGSIDE, ODOT DRG. 7B-32-18
1058	175403.50	193212.68	2/10/2021	1724+78.11	39.87' RT	FD 5/8" IRON ROD, DOWN 0.3', 4"x4" WOOD POST ALONGSIDE, ODOT DRG. 7B-32-18
1059	175471.48	193254.68	2/10/2021	1724+77.99	40.04' LT	FD 5/8" IRON ROD, DOWN 0.1', ODOT DRG. 7B-32-18
1060	175270.38	193487.77	2/10/2021	1727+77.77	39.92' RT	FD 5/8" IRON ROD, FLUSH, ODOT DRG. 7B-32-18
1061	175343.98	193518.71	2/10/2021	1727+77.82	39.92' LT	FD 5/8" IRON ROD, DOWN 0.4', 4"x4" WOOD POST ALONGSIDE, ODOT DRG. 7B-32-18
1062	174712.56	194817.05	2/10/2021	1742+19.36	39.80' RT	FD 1" IRON ROD, UP 0.2', ODOT DRG. 7B-32-18
1063	174785.92	194847.95	3/1/2021	1742+19.45	39.80' LT	FD 3/4" SQUARE BOLT, UP 0.1', ODOT DRG. 7B-32-18

SET MONUMENT LIST

PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION
5000	174865.33	194452.56	3/9/2021	SET 5/8"x30" IRON ROD WITH 1-1/2" ALUM CAP MARKED "ODOT"
5001	174865.49	194096.16	3/8/2021	SET 5/8"x30" IRON ROD WITH 1-1/2" ALUM CAP MARKED "ODOT"
5002	174565.49	194097.07	3/8/2021	SET 5/8"x30" IRON ROD WITH 1-1/2" ALUM CAP MARKED "ODOT"
5003	174565.90	193161.47	3/9/2021	SET 5/8"x15" IRON ROD WITH 1-1/2" ALUM CAP MARKED "ODOT"
5004	174865.90	193160.56	3/9/2021	SET 5/8"x30" IRON ROD WITH 1-1/2" ALUM CAP MARKED "ODOT"
5005	174865.71	193596.16	3/8/2021	SET 5/8"x30" IRON ROD WITH 1-1/2" ALUM CAP MARKED "ODOT"
5006	175225.26	193595.06	3/8/2021	SET 5/8"x30" IRON ROD WITH 1-1/2" ALUM CAP MARKED "ODOT"

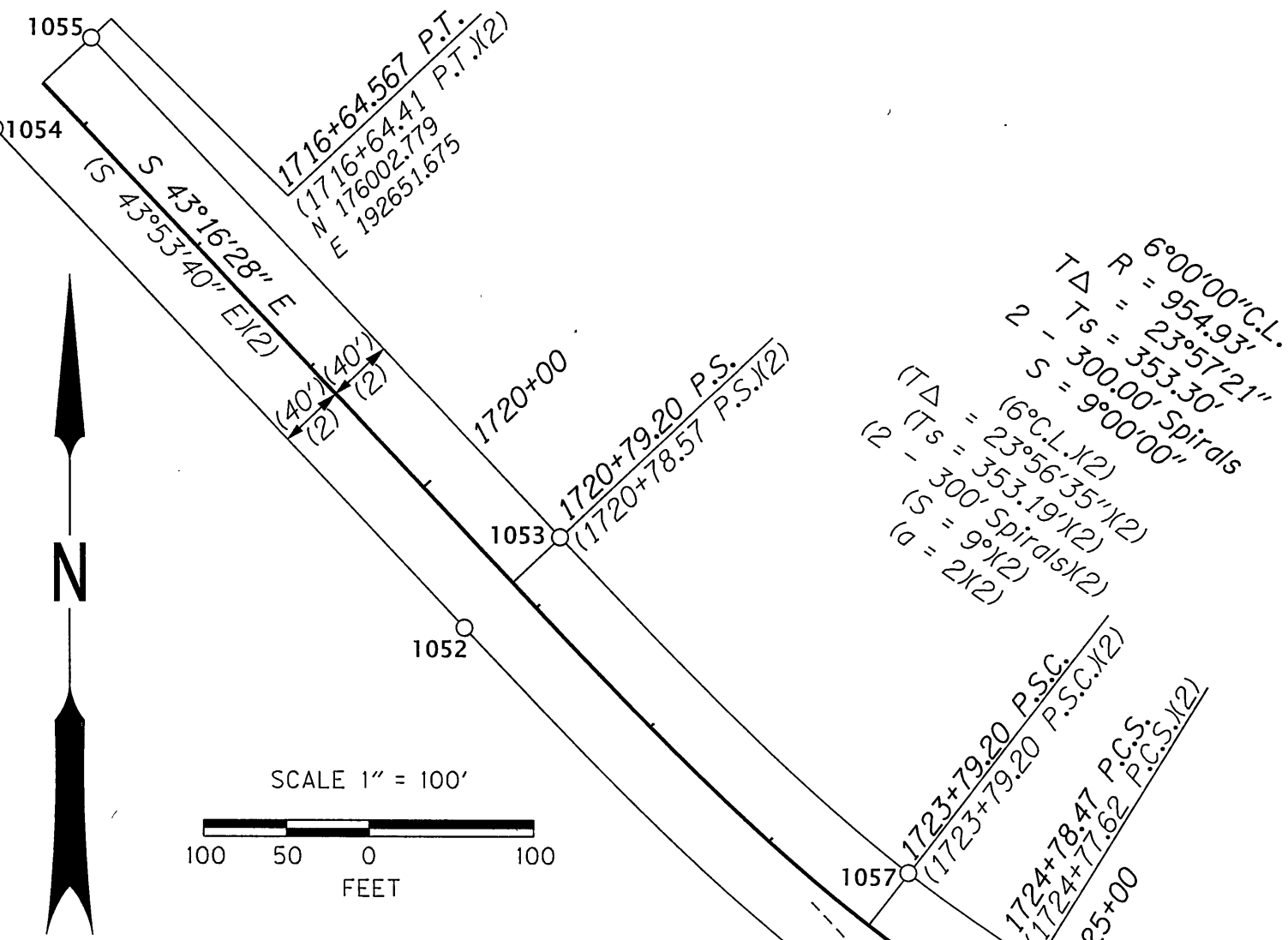
NETWORK TABLE

PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION
10	174656.859	193874.417	2/9/2021	SET 5/8"x19" IRON ROD WITH RPC MARKED "ODOT CONTROL"
11	174988.982	193345.469	2/9/2021	SET 5/8"x30" IRON ROD WITH RPC MARKED "ODOT CONTROL"
OPUS.1	169546.628	201781.423	8/11/2020	SET 5/8"x30 IRON ROD WITH RPC MARKED "ODOT CONTROL"

OPUS.1 FALLS OUTSIDE THE MAP LIMITS OF THIS SURVEY.

REFERENCES

- GENERAL LAND OFFICE FIELD NOTES, CADASTRAL SURVEY CONTRACT NO. 197 BY WILLIAM H. BYARS, DATED JULY 14, 1873
- ODOT DRG. 7B-32-18 BY OREGON STATE HIGHWAY DEPARTMENT, MAY 1955
- WARRANTY DEED VOLUME 74, PAGE 251, RECORDED MAR. 26, 1956
- WARRANTY DEED VOLUME 74, PAGE 365, RECORDED MAY 1, 1956
- WARRANTY DEED BOOK 115, PAGE 137, RECORDED JULY 23, 1976
- LAND CORNER REMON. RECORD C-9, BY GORDON H. LONG, FILED AUG. 31, 1979
- ODOT DRG. 1R-5-738 BY OREGON STATE HIGHWAY DEPARTMENT, SEPT. 1979



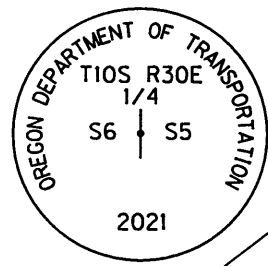
LEGEND	
○	FOUND MONUMENT
●	SET MONUMENT
⊙	FOUND STONE, REPLACED WITH IRON ROD WITH ALUMINUM CAP
★	SET GPS CONTROL POINT
()	RECORD DATA PER REFERENCE LIST
—	EXISTING RIGHT OF WAY LINE
—	RESOLVED PROPERTY BOUNDARY
---	EDGE OF PAVEMENT
---	EDGE OF GRAVEL ROAD
---	EXISTING FENCE

CONTROL NARRATIVE

SURVEY DATUM: HORIZONTAL - NAD83 (2011) EPOCH 2010 (INTERNATIONAL FEET), OREGON COORDINATE REFERENCE SYSTEM (OCRS), DAYVILLE - PRAIRIE CITY ZONE

PRIMARY CONTROL WAS ESTABLISHED ON THIS PROJECT BY USING GPS AND THE ONLINE POSITIONING USER SERVICE (OPUS) TO ESTABLISH A POSITION ON POINT "OPUS.1". A SUBSEQUENT REAL TIME KINEMATIC (RTK) GPS SURVEY WAS PERFORMED HOLDING "OPUS.1" AS A BASE POINT TO ESTABLISH POSITIONS ON THE FOUND MONUMENTS SHOWN ON THIS SURVEY.

BASIS OF BEARINGS: MEASURED BEARINGS SHOWN ARE GRID PER THE PROJECT DATUM.



NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE AND MONUMENT THE BOUNDARY OF THAT TRACT OF LAND ACQUIRED BY THE STATE OF OREGON BY WARRANTY DEEDS RECORDED IN VOLUME 74, PAGE 251, VOLUME 74, PAGE 365, AND VOLUME 115, PAGE 137, DEED RECORDS OF GRANT COUNTY. THIS SURVEY IS BEING PERFORMED FOR THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT) REGION 5 GEOLOGY SECTION. THIS SURVEY WAS PERFORMED BETWEEN THE MONTHS OF FEBRUARY AND MARCH 2021. THE SURVEY EQUIPMENT CONSISTED OF A LEICA 1200 GPS BASE STATION AND LEICA GS14 ROVERS.

THE BOUNDARY OF THE STATE OF OREGON TRACTS WERE RESOLVED BY HOLDING THE POSITION OF THE EAST QUARTER CORNER (POINT 1050) AND THE WEST QUARTER CORNER (POINT 1051) OF SECTION 5, T10S, R30E, WM TO ESTABLISH THE EAST-WEST QUARTER SECTION LINE THROUGH THE CENTER OF SECTION 5, TOGETHER WITH THE SOUTHWESTERLY LINE OF KIMBERLY-LONG CREEK HIGHWAY TO POSITION THE STATE OWNED PARCELS PER SAID WARRANTY DEEDS. THE RECORD SHAPE OF THE PARCELS WERE ROTATED TO ALIGN WITH SAID EAST-WEST QUARTER SECTION LINE CONNECTING POINTS 1050 AND 1051.

THE KIMBERLY-LONG CREEK HIGHWAY CENTER LINE WAS ESTABLISHED BY HOLDING THE MIDPOINT BETWEEN THE POINT PAIRS FOUND AT POINTS 1054 AND 1055, 1052 AND 1053, 1060 AND 1061, AND 1062 AND 1063 TO ESTABLISH THE TANGENTS. THE TANGENTS WERE THEN INTERSECTED AND RECORD DEGREE OF CURVE WAS HELD TO ESTABLISH THE CURVE. RECORD STATIONING OF 1742+19.57 P.S. PER ODOT DRAWING 7B-32-18 WAS HELD AT THE MIDPOINT BETWEEN POINTS 1062 AND 1063. THE RIGHT OF WAY WIDTH OF 80.00 FEET WAS HELD PER ODOT DRAWING 7B-32-18.

MIKE AND SHARON ENSIGN
TRUSTEES OF THE ENSIGN 1993 TRUST
DOC.# 200411730

STATE OF OREGON
VOLUME 74, PAGE 251

STATE OF OREGON
VOLUME 74, PAGE 365

STATE OF OREGON
VOLUME 115, PAGE 137

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DOC.# 200411730

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JANUARY 14, 2003
BRET N. ELTHORP
63148
EXPIRES: DEC. 31, 2021

OREGON DEPARTMENT OF TRANSPORTATION

BOUNDARY SURVEY
LONG CREEK (McGIRR) QUARRY
KIMBERLY-LONG CREEK HIGHWAY
GRANT COUNTY, OR



ODOT REGION 5 TECH CENTER
3012 ISLAND AVENUE
LA GRANDE, OR 97850

APRIL 2, 2021
SHEET 1 OF 1

RECORD MAP OF SURVEY NO. 2151