

SHEET INDEX

- NARRATIVE, REFERENCES, CONTROL NETWORK, BASIS OF BEARING, SHEET LAYOUT AND SHEET INDEX
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REFERENCES

- REVISED PLAT OF THE TOWNSITE OF HAINES, BOOK 1, PAGE 43, BY G.M. FOSTER, DATED JUNE 1890
- RAILROAD RIGHT OF WAY AND TRACK MAP, DRG V ORE 4/83, MAIN LINE - LA GRANDE TO HUNTINGTON, DATED JUNE 30, 1916
- CONSTRUCTED LINE FOR NORTH POWDER TO BAKER, LA GRANDE - BAKER HIGHWAY, DRG 2B-14-10, BY THE OREGON STATE HIGHWAY DEPARTMENT, DATED DEC. 1922
- RELOCATED LINE FOR NORTH POWDER TO HAINES, LA GRANDE - BAKER HIGHWAY, DRG 5B-11-23, BY THE OREGON STATE HIGHWAY DEPARTMENT, DATED AUG. 1937
- SN 7-39-12, BY BARRY R. BARBOUR, FILED JAN. 9, 1979
- SN 7-39-13, BY JAMES D. HANLEY, FILED APR. 9, 1979
- SN 7-39-14, BY JAMES D. HANLEY, FILED APR. 16, 1979
- SN 7-39-15, BY HOWARD L. PERRY, FILED JAN. 15, 1980
- SN 7-39-21, BY JAMES D. HANLEY, FILED JAN. 23, 1981
- SN 7-39-29, BY JAMES D. HANLEY, FILED APR. 9, 1982
- SN 7-39-30, BY JAMES D. HANLEY, FILED JAN. 9, 1984
- SN 7-39-43, BY JAMES D. HANLEY, FILED SEPT. 9, 1997
- SN 7-39-55, BY THOMAS J. HANLEY, FILED MAR. 4, 2004
- SN 7-39-58MP, BY LELAND LEE MEYERS, FILED JUNE 23, 2008
- BARGAIN AND SALE DEED, BOOK 34, PAGE 54
- BARGAIN AND SALE DEED, BOOK 30, PAGE 610
- BARGAIN AND SALE DEED, BOOK 90, PAGE 315

1.96 SIGMA (95%) CONFIDENCE LEVEL LIMITS

POINT ID	SEMI MAJOR	SEMI MINOR	ORIENTATION*
3	0.01 INT FT	0.01 INT FT	6.9°
4	0.01 INT FT	0.01 INT FT	9.4°
5	0.01 INT FT	0.01 INT FT	15.4°
6	0.01 INT FT	0.01 INT FT	23.0°
7	0.01 INT FT	0.01 INT FT	32.7°
8	0.01 INT FT	0.01 INT FT	43.8°

* NORTH AZIMUTH

FIXED POINTS NOT SUBJECT TO LEAST SQUARES ADJUSTMENT OR CONFIDENCE LEVEL ANALYSIS: POINTS 1, 2, ORS2, P451 AND P020

CONTROL NARRATIVE

PROJECT: THIRD STREET: US30 TO SCHOOL STREET SIDEWALKS (HAINES)
 LOCATION: CITY OF HAINES, BAKER COUNTY
 OBEC PROJECT: 019-84.30
 HORIZONTAL SURVEY DATUM - NAD 83(CORS96) EPOCH 2002 (INTERNATIONAL FEET)
 VERTICAL SURVEY DATUM - NAVD 88 (INTERNATIONAL FEET)

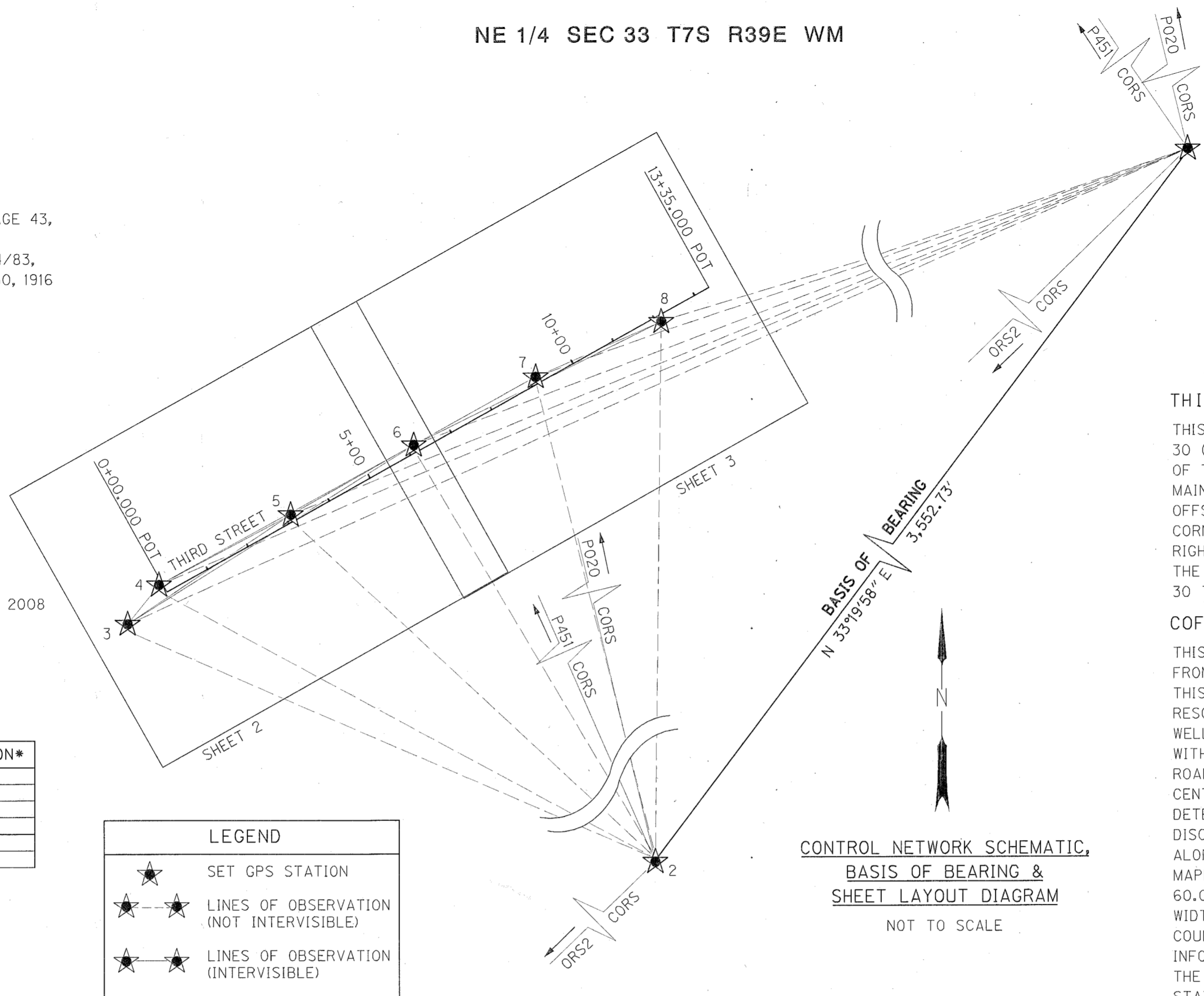
GPS HORIZONTAL CONTROL SURVEY

PRIMARY HORIZONTAL CONTROL WAS BROUGHT INTO THE PROJECT BY PROCESSING AGAINST CORS STATIONS "ORS2", "P020" AND "P451" TO ESTABLISH POSITIONS ON POINTS 1 AND 2. A SUBSEQUENT FAST STATIC GPS SURVEY WAS PERFORMED TO ESTABLISH POSITIONS FOR POINTS 3 THROUGH 8 BY HOLDING THE DERIVED POSITIONS FOR POINTS 1 AND 2. THE COORDINATE SYSTEM WAS HELD AT OREGON STATE PLANE - NORTH ZONE (3601), UNTIL ALL GPS CONTROL SURVEYING AND ADJUSTMENT WAS COMPLETE AND THEN ALL POINTS WERE MOVED TO GROUND (LOCAL DATUM PLANE COORDINATE SYSTEM), TO CONVERT THE PROJECT LDP COORDINATES TO THE OREGON COORDINATE SYSTEM - NORTH ZONE, NAD 83 (CORS96) EPOCH 2002, MULTIPLY THE COORDINATE VALUES BY A COMBINED FACTOR OF 0.99974519.

NETWORK POINT COORDINATE TABLE

PT ID	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
1	466149.49	8870589.33	1/12/09	SET 5/8" X 30" IRON ROD W/RPC "OBEC CONTROL"
2	463181.21	8868637.10	1/12/09	SET 5/8" X 30" IRON ROD W/RPC "OBEC CONTROL"
3	464849.61	8867546.55	1/12/09	SET 5/8" X 30" IRON ROD W/RPC "OBEC CONTROL"
4	464933.17	8867613.98	1/12/09	SET MAGNAIL & WASHER "OBEC CONTROL"
5	465083.56	8867897.16	1/12/09	SET MAGNAIL & WASHER "OBEC CONTROL"
6	465232.40	8868161.57	1/12/09	SET MAGNAIL & WASHER "OBEC CONTROL"
7	465377.79	8868424.04	1/12/09	SET MAGNAIL & WASHER "OBEC CONTROL"
8	465495.32	8868694.51	1/12/09	SET MAGNAIL & WASHER "OBEC CONTROL"

NE 1/4 SEC 33 T7S R39E WM



LEGEND

- ★ SET GPS STATION
- ★---★ LINES OF OBSERVATION (NOT INTERVISIBLE)
- ★---★ LINES OF OBSERVATION (INTERVISIBLE)

CONTROL NETWORK SCHEMATIC,
 BASIS OF BEARING &
 SHEET LAYOUT DIAGRAM
 NOT TO SCALE

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE FIELD LOCATION OF THE EXISTING RIGHT OF WAY FOR A PORTION OF THIRD STREET FROM OLD OREGON TRAIL HIGHWAY (US HWY. 30) (FRONT STREET) TO SCHOOL STREET IN HAINES, OREGON. THIS SURVEY IS ALSO TO PERPETUATE ANY EXISTING SURVEY MONUMENTS THAT LIE WITHIN THE PROJECT FOOTPRINT WHICH MAY BE DESTROYED DUE TO A FUTURE SIDEWALK CONSTRUCTION IMPROVEMENT PROJECT. PERPETUATION OF THE MONUMENT LOCATIONS WAS ACCOMPLISHED BY TYING THE MONUMENTS TO THE PROJECT CONTROL NETWORK. THIS SURVEY WAS MADE AT THE REQUEST OF THE OREGON DEPARTMENT OF TRANSPORTATION. THIS SURVEY MEETS THE REQUIREMENTS FOR A RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES, CHAPTER 209.155.

THIS SURVEY WAS PERFORMED USING INTERNATIONAL FEET UNITS.

THIS SURVEY WAS PERFORMED IN JANUARY 2009. THE SURVEY EQUIPMENT USED CONSISTED OF TRIMBLE DUAL FREQUENCY GPS RECEIVERS (5700 AND R8), A TRIMBLE S6 ROBOTIC TOTAL STATION AND TRIMBLE TSC2 DATA COLLECTORS.

FILED April 20, 2009
 BAKER COUNTY SURVEYOR
 SURVEY NO. 7-39-59

I, BRET N. ELITHORP, STATE THAT THIS SURVEY WAS PREPARED USING HEWLETT-PACKARD PRODUCT #51645d ON CONTINENTAL #JPC4M2 POLYESTER FILM.

B. N. Elithorp 4/15/09
 BRET N. ELITHORP DATE

REGISTERED PROFESSIONAL LAND SURVEYOR

OBEC JAN. 14, 2003
 BRET N. ELITHORP #63148

RENEWAL DATE: DEC. 31, 2009
 SIGNED: 4/15/09

J. COLTON OBEC
 APPROVED BY: GROUP MANAGER

THIRD STREET

THIS RESOLUTION COVERS A PORTION OF THIRD STREET FROM US HIGHWAY 30 (FRONT STREET) NORTHEASTERLY TO SCHOOL STREET. THE CENTERLINE OF THIRD STREET WAS ESTABLISHED PERPENDICULAR TO THE EXISTING MAIN TRACK OF THE UNION PACIFIC RAILROAD AND BY HOLDING RECORD OFFSET OF 40.00 FEET FROM THE FOUND MONUMENT AT THE NORTHEAST CORNER OF BLOCK 9, REVISED PLAT OF THE TOWNSITE OF HAINES. A RIGHT OF WAY WIDTH OF 80.00 FEET, AS SHOWN ON THE REVISED PLAT OF THE TOWNSITE OF HAINES, WAS USED ON THIS SURVEY FROM US HIGHWAY 30 TO SCHOOL STREET.

COFFEY ROAD (COUNTY ROAD 690)

THIS RESOLUTION COVERS A PORTION OF COFFEY ROAD (COUNTY ROAD 690) FROM SCHOOL STREET EASTERLY APPROXIMATELY 65'. THE CENTERLINE FOR THIS PORTION OF COUNTY ROAD 690 WAS ESTABLISHED BY EXTENDING THE RESOLVED CENTERLINE OF THIRD STREET. THIS RESOLUTION FIT VERY WELL WITH THE EXISTING PHYSICAL CENTERLINE OF COUNTY ROAD 690 AND WITH THE EXISTING OCCUPATION LINES. PREVIOUS SURVEYS ALONG COUNTY ROAD 690 USED THE EXISTING PHYSICAL LOCATION OF THE EXISTING CENTERLINE OF THE ROAD AS WELL AS EXISTING FENCE LINES TO DETERMINE THE RIGHT OF WAY LOCATION. THERE APPEARS TO BE SOME DISCREPANCY AS TO THE RIGHT OF WAY WIDTH EAST OF SCHOOL STREET ALONG COUNTY ROAD 690. SEVERAL SURVEYS, ALONG WITH TAX ASSESSOR MAPPING AND OCCUPATION LINES REFLECT A RIGHT OF WAY WIDTH OF 60.00', AND THERE ARE A COUPLE SURVEYS WHICH SHOW A RIGHT OF WAY WIDTH OF 80.00' FOR COUNTY ROAD 690. I CONTACTED THE BAKER COUNTY ROADMASTER, KEN HELGERSON, ON JANUARY 22, 2009 AND HE INFORMED ME THAT THE UNOFFICIAL NOTES OF A PAST ROADMASTER LISTED THE RIGHT OF WAY WIDTH FOR COUNTY ROAD 690 AT 60.00'. HE ALSO STATED THAT THE COMMISSIONER'S JOURNAL "BOOK H", IN WHICH THE COMMISSIONER'S JOURNAL FOR THIS ROAD IS LOCATED, IS MISSING. BASED ON THE AVAILABLE EVIDENCE, A RIGHT OF WAY WIDTH OF 60.00' WAS USED ON THIS SURVEY FOR COUNTY ROAD 690.



FILE NAME: 15481ret.dgn

OBEC CONSULTING ENGINEERS
 Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
 2235 MISSION STREET SE, SUITE 100 SALEM, OREGON 97302-1295, 503-589-4100
 831 O'HARE PARKWAY MEDFORD, OREGON 97504-4005, 541-774-5591
 5005 SW MEADOWS ROAD, SUITE 120 LAKE OSWEGO, OREGON 97035, 503-620-6103

OREGON DEPARTMENT OF TRANSPORTATION

CENTERLINE RESOLUTION, HORIZONTAL CONTROL AND RECOVERY SURVEY
 THIRD STREET: US-30 - SCHOOL STREET SIDEWALKS (HAINES)
 BAKER COUNTY

ODOT REGION 5 APRIL 14, 2009
 3012 ISLAND AVE. NO SCALE
 LA GRANDE, OR 97850 KEY NO. 15481 SHEET 1 OF 3

DESIGNED: B. ELITHORP PROJ. NO. 19-84.30
 DRAWN: A. DUPLANT CHK'D: J. COLTON