

RECORD OF SURVEY  
 N.W. 1/4, SEC. 26, T.38 S., R.1 W., W.M.  
 JACKSON COUNTY, OREGON

RECEIVED  
 Date 9-21-05 By *AS*  
 This survey consists of:  
 4 sheet(s) Map  
 2 page(s) Narrative  
 JACKSON COUNTY  
 SURVEYOR

**NARRATIVE**

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE FIELD LOCATION OF THE EXISTING RIGHT OF WAY FOR A PORTION OF WAGNER STREET BETWEEN THE CENTRAL OREGON & PACIFIC RAILROAD TRACKS AND WAGNER CREEK ROAD FOR A FUTURE IMPROVEMENT PROJECT. THIS SURVEY IS ALSO TO PERPETUATE THE LOCATION OF ANY EXISTING SURVEY MONUMENTS THAT MAY BE DESTROYED BY CONSTRUCTION. 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 CITY OF TALENT. THIS SURVEY MEETS THE REQUIREMENTS FOR A RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES, CHAPTER 209.155.

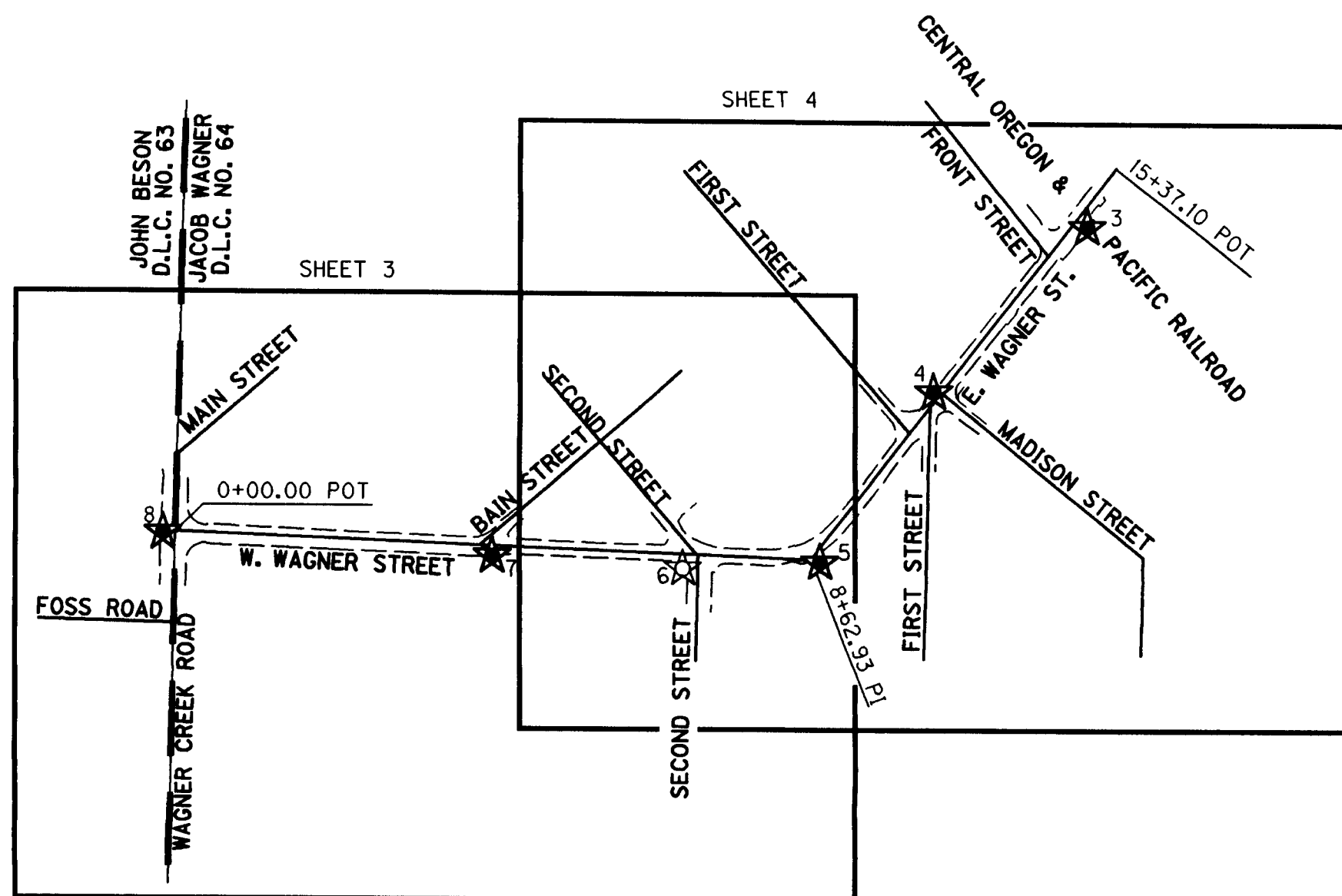
THIS SURVEY WAS PERFORMED IN INTERNATIONAL FEET UNITS.

CONTROL POINTS FOR THIS SURVEY WERE NOT SET ON AND DO NOT REPRESENT PROPERTY LINES OR RIGHT OF WAY LINES AND ARE INTENDED FOR USE BY THE CITY OF TALENT AND OBEC CONSULTING ENGINEERS IN SUPPORT OF FUTURE PROJECTS. IT IS NOT THE INTENT OF THE CITY OF TALENT OR OBEC CONSULTING ENGINEERS TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.

THIS SURVEY WAS PERFORMED IN JULY AND AUGUST OF 2005. THE SURVEY EQUIPMENT CONSISTED OF A TRIMBLE 4700 GPS RECEIVER, A TRIMBLE R8 RECEIVER, A TRIMBLE 4400 GPS RECEIVER, A TSCI DATA COLLECTOR, A TRIMBLE ACU DATA COLLECTOR, AND A TRIMBLE 5603 ROBOTIC TOTAL STATION.

**WAGNER STREET**

THE RETRACEMENT OF THE RIGHT OF WAY OF WAGNER STREET WAS COMPLETED UTILIZING FILED SURVEY NO.S 1035, 10656, 12960, 13555, 14093, 17354, 17369, AND 18757. THE TOWN PLAT OF TALENT AND THE WAGNER BUTTE ADDITION TO TALENT WERE ALSO USED. IN REVIEW OF THE ROAD RECORDS FOR WAGNER STREET (FORMERLY A PART OF WAGNER CREEK ROAD) A RIGHT OF WAY WIDTH OF 40 FEET IS STATED. TO RESOLVE THE CENTERLINE OF EAST WAGNER STREET, THE CENTERLINE MONUMENT (POINT NO. 1006) AT THE INTERSECTION OF FRONT STREET AND EAST WAGNER STREET (SURVEY NO. 18758) WAS HELD AND AN UNRECORDED 5/8" IRON ROD (POINT NO. 1012) WAS FOUND AT THE ANGLE POINT IN WAGNER STREET WHICH HAD BEEN ACCEPTED AS THE BEST EVIDENCE OF THE CENTERLINE OF WAGNER STREET BY PRIOR FILED SURVEYS. TO RESOLVE THE CENTERLINE OF WEST WAGNER STREET THE RECORD DISTANCE FROM THE NORTHWEST CORNER OF DONATION LAND CLAIM NO. 64 TO THE CENTERLINE INTERSECTION OF WAGNER CREEK ROAD AND WAGNER STREET WAS HELD ALONG WITH THE UNRECORDED 5/8 " IRON ROD (POINT NO. 1012). THE TOWN PLAT OF TALENT STATES A RIGHT OF WAY WIDTH OF 60 FEET FOR FIRST, SECOND, MAIN AND BAIN STREET. PER FILED SURVEY NO. 17354, NO DEED OR DEDICATION FOR AN EASEMENT OR RIGHT OF WAY WAS FOUND FOR THE PORTION OF SECOND STREET BETWEEN WAGNER ROAD AND WAGNER BUTTE AVENUE. SURVEY NO. 17354 SHOWS THE RIGHT OF WAY FOR THIS PORTION OF SECOND STREET FOLLOWING THE EXISTING FENCE AS THE RIGHT OF WAY BY PRESCRIPTIVE USE. WAGNER BUTTE ADDITION STATES A RIGHT OF WAY WIDTH OF 60 FEET FOR MADISON AND FIRST STREET. THE RESULTING CENTERLINE ALIGNMENT FOR WAGNER STREET FIT WELL WITH THE MONUMENTATION FOUND ALONG THE RIGHT OF WAY OF WAGNER STREET AS SHOWN IN THE STATION OFFSET REPORT IN THE RECOVERED MONUMENT LIST.



**SHEET LAYOUT DIAGRAM**

NOT TO SCALE

LEGEND	
★	SET GPS POINT
☆	FOUND GPS POINT

**REFERENCES**

1. TOWN PLAT OF TALENT
2. WAGNER BUTTE ADDITION TO TALENT
3. ROAD RECORDS VOLUME 1, PAGE 234
4. S.N. 886
5. S.N. 1035
6. S.N. 2824
7. S.N. 4101
8. S.N. 10656
9. S.N. 12960
10. S.N. 13155
11. S.N. 13555
12. S.N. 14093
13. S.N. 15326
14. S.N. 17354
15. S.N. 17369
16. S.N. 17644
17. S.N. 18758

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR

*Bret Elithorp*  
 OREGON  
 JAN. 14, 2003  
 BRET N. ELITHORP  
 63148

RENEWAL DATE: DEC. 31, 2005  
 SIGNED: 9/29/05

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 9/28/2005

**OBEC CONSULTING ENGINEERS**  
 1335 POPLAR DRIVE  
 MEDFORD, OREGON 97504  
 TEL. (541) 774-5590 FAX. (541) 774-5591

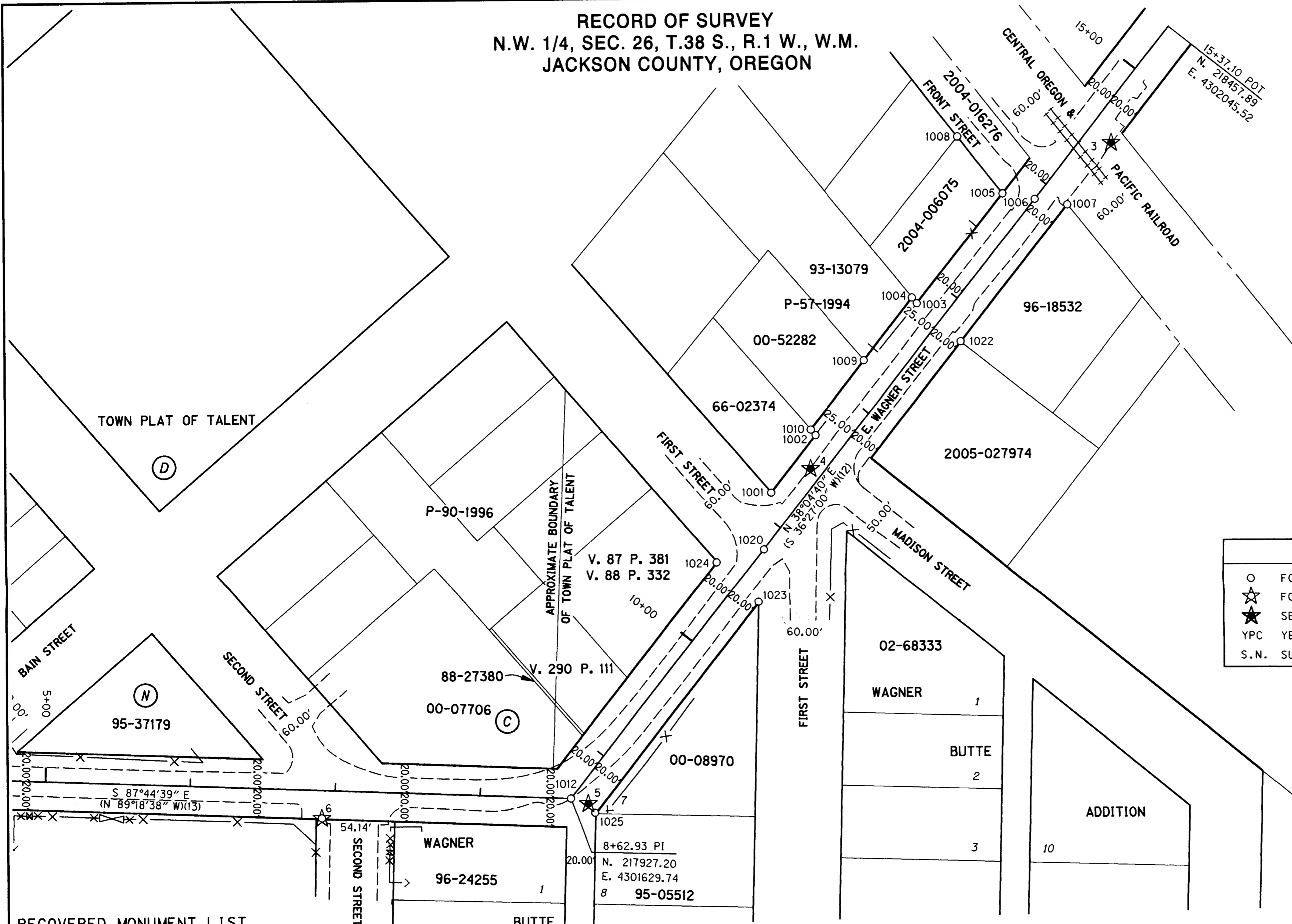
CENTER LINE RESOLUTION, MONUMENT RECOVERY  
 AND CONTROL SURVEY  
 WAGNER STREET ROAD IMPROVEMENTS  
 FOR THE CITY OF TALENT  
 JACKSON COUNTY

SEPTEMBER, 2005 NO SCALE

MARK ARMSTRONG	OBEC	DESIGNED: B. ELITHORP	PROJ. NO. 265-4	SHT. 1 OF 4
APPROVED BY: CHF. SURVEYOR TITLE		DRAWN: A. DUPLANT	CHK'D: M. ARMSTRONG	FILE NO. 15274S

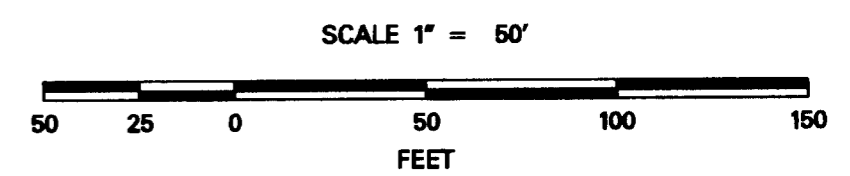
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JACKSON COUNTY  
SURVEYOR



LEGEND

○	FOUND MONUMENT	( )	RECORD DATA
☆	FOUND GPS POINT	—	RIGHT-OF-WAY
★	SET GPS POINT	—	PROPERTY LINE
YPC	YELLOW PLASTIC CAP	---	EDGE PAVEMENT
S.N.	SURVEY NUMBER	-X-	FENCE



RECOVERED MONUMENT LIST

PT. ID.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1001	218138.19	4301769.55	11+15.24	20.07' LT	08-04-2005	FND 3/4" IRON PIPE - FLUSH, S.N. 1035
1002	218177.65	4301800.53	11+65.41	20.02' LT	08-04-2005	FND 5/8" IRON ROD W/YPC "BOVA LS 2418" - DOWN 2", S.N. 14093
1003	218267.83	4301871.24	12+80.01	19.98' LT	08-04-2005	FND 5/8" IRON ROD W/YPC "BOVA LS 2418" - FLUSH, S.N. 14093
1004	218271.78	4301867.90	12+81.06	25.04' LT	08-04-2005	FND 5/8" IRON ROD W/YPC "BOVA LS 2418" - DOWN 2", S.N. 14093
1005	218343.73	4301930.74	13+76.45	19.95' LT	08-04-2005	FND 5/8" IRON ROD W/YPC "D. HUCK LS 2023" - FLUSH, S.N. 17369
1006	218339.81	4301953.01	13+87.10	0.00	08-04-2005	FND 5/8" IRON ROD W/2" ALUMINUM CAP "W&H PACIFIC" - FLUSH, S.N. 18758
1007	218335.89	4301975.40	13+97.82	20.04' RT	08-04-2005	FND 3/4" IRON PIPE - FLUSH, S.N. 4101
1008	218382.95	4301899.66	13+88.16	68.60' LT	08-04-2005	FND 5/8" IRON ROD W/YPC "D. HUCK LS 2023" - DOWN 1", S.N. 17369
1009	218228.98	4301834.43	12+26.73	24.99' LT	08-04-2005	FND 5/8" IRON ROD W/ YPC "BOVA LS 2418" - DOWN 1", S.N. 14093
1010	218181.53	4301797.25	11+66.44	24.99' LT	08-04-2005	FND 5/8" IRON ROD W/ YPC "BOVA LS 2418" - EXPOSED 1", S.N. 14093
1020	218098.80	4301764.23	10+80.96	0.04' RT	08-04-2005	FND RAILROAD SPIKE W/ PUNCH - FLUSH, S.N. 14093
1022	218241.67	4301901.25	12+77.92	19.78' RT	08-10-2005	FND 5/8" IRON ROD - DOWN 2", S.N. 4101
1023	218062.21	4301760.30	10+49.73	19.51' RT	08-10-2005	FND 3/4" IRON PIPE - DOWN 3", UNKNOWN ORIGIN
1024	218090.05	4301731.52	10+53.90	20.32' LT	08-10-2005	FND 3/4" IRON PIPE - DOWN 12", UNKNOWN ORIGIN

REGISTERED PROFESSIONAL LAND SURVEYOR  
*Bret Elithorp*  
OREGON  
JAN. 14, 2003  
BRET N. ELITHORP  
63148  
RENEWAL DATE: DEC. 31, 2005  
SIGNED: 9/22/05

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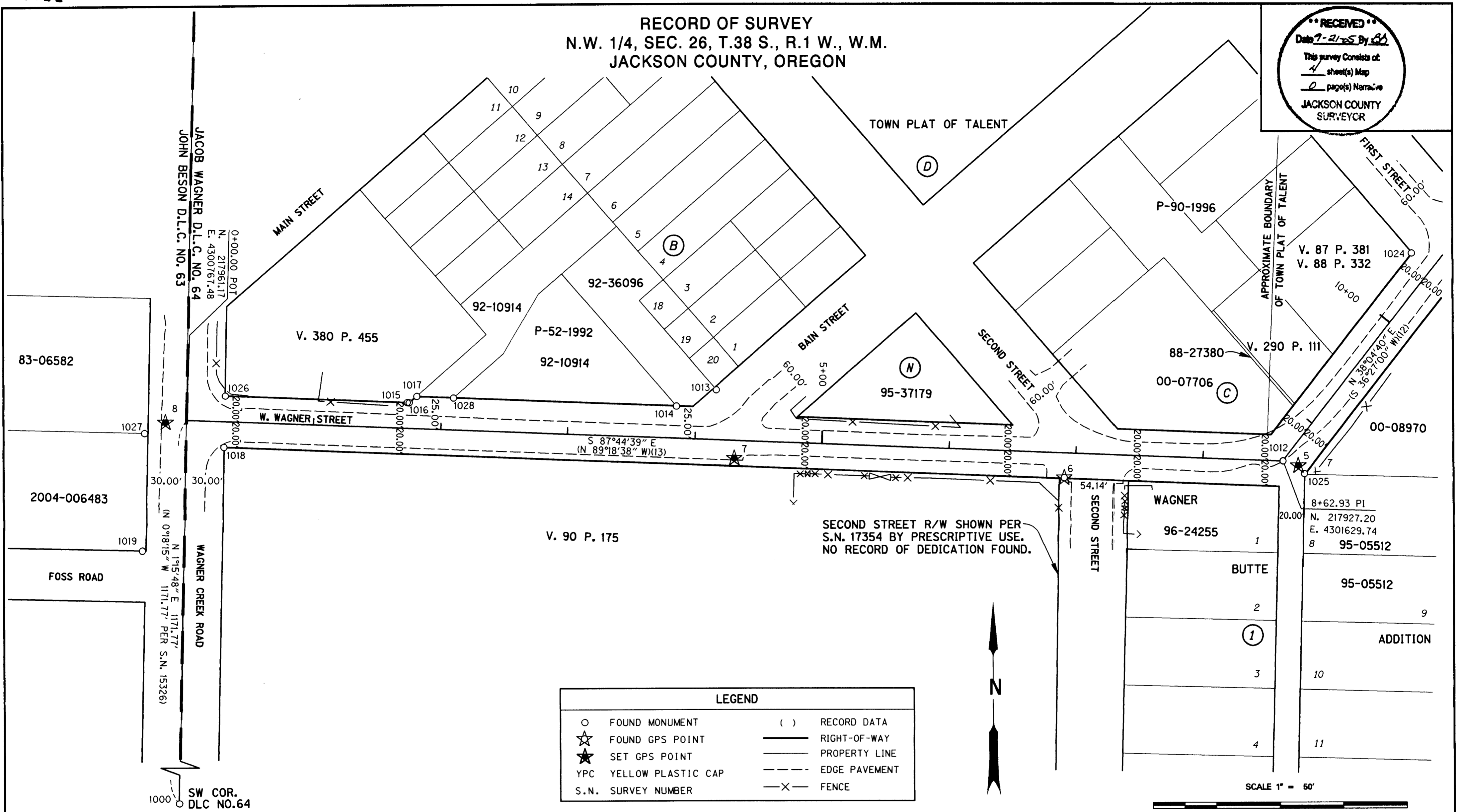
OBEC CONSULTING ENGINEERS  
1336 POPLAR DRIVE  
MEDFORD, OREGON 97504  
TEL (541) 774-5590 FAX (541) 774-5591

CENTER LINE RESOLUTION, MONUMENT RECOVERY AND CONTROL SURVEY  
WAGNER STREET ROAD IMPROVEMENTS  
FOR THE CITY OF TALENT  
JACKSON COUNTY  
SEPTEMBER, 2005 SCALE 1" = 50'

MARK ARMSTRONG OBEC DESIGNED: B. ELITHORP PROJ. NO. 265-4 SHT. 4 OF 4  
APPROVED BY: CHF. SURVEYOR TITLE DRAWN: A. DUPLANT CHK'D: M. ARMSTRONG FILE NO. 15277S

RECORD OF SURVEY  
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JACKSON COUNTY, OREGON

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4 sheet(s) Map  
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JACKSON COUNTY SURVEYOR



LEGEND

○	FOUND MONUMENT	( )	RECORD DATA
☆	FOUND GPS POINT	—	RIGHT-OF-WAY
★	SET GPS POINT	—	PROPERTY LINE
YPC	YELLOW PLASTIC CAP	- - -	EDGE PAVEMENT
S.N.	SURVEY NUMBER	- X -	FENCE

RECOVERED MONUMENT LIST

\* FILED IN OFFICE OF JACKSON CO. SURVEYOR

PT. ID.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1000	216789.68	4300741.64	N/A	N/A	08-04-2005	FND 2" BRASS DISK - UNREADABLE - DN. 1 1/2", COUNTY RE-ESTAB. NOTES *
1012	217927.20	4301629.74	8+62.93	0.00	08-04-2005	FND 5/8" IRON ROD - DOWN 10", ORIGIN UNKNOWN
1013	217983.51	4301184.09	4+15.41	38.73' LT	08-04-2005	FND 5/8" IRON ROD W/YPC "TEMPLIN LS 2359" - FLUSH, S.N. 12960
1014	217970.96	4301152.80	3+84.64	24.95' LT	08-04-2005	FND 5/8" IRON ROD W/YPC, CAP UNREADABLE - DOWN 4", S.N. 12960
1015	217974.43	4300941.03	1+72.90	20.09' LT	08-04-2005	FND 5/8" IRON ROD W/YPC "L.J. FRIAR & ASSOC." - EXPOSED 1", S.N. 15326
1016	217974.22	4300942.59	1+74.47	19.94' LT	08-04-2005	FND 5/8" IRON ROD W/YPC "TEMPLIN LS 2359" - DOWN 4", S.N. 12960
1017	217979.16	4300948.46	1+80.14	25.10' LT	08-04-2005	FND 5/8" IRON ROD - FLUSH - BENT, S.N. 12960
1018	217940.05	4300796.86	0+30.19	19.94' RT	08-04-2005	FND LEAD & TACK W/WASHER "PLS 2464" - FLUSH, S.N. 17354
1019	217858.64	4300732.46	N/A	N/A	08-04-2005	FND 5/8" IRON ROD - DOWN 2", S.N. 2824
1025	217917.22	4301646.42	8+65.36	19.29' RT	08-10-2005	FND 3/4" IRON PIPE - DOWN 8", BENT, ORIGIN UNKNOWN
1026	217980.01	4300797.95	0+29.71	20.03' LT	08-11-2005	FND LEAD & TACK W/WASHER "MARQUESS" - FLUSH, SURVEY UNRECORDED
1027	217951.10	4300734.57	N/A	N/A	08-11-2005	FND 3/4" IRON PIPE WITH TOP PINCHED - FLUSH, S.N. 886
1028	217977.82	4300977.31	2+09.02	24.90' LT	08-11-2005	FND 5/8" IRON ROD W/YPC "TEMPLIN LS 2359" - EXPOSED 2", S.N. 12960

REGISTERED PROFESSIONAL LAND SURVEYOR  
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BRET N. ELITHORP  
63148  
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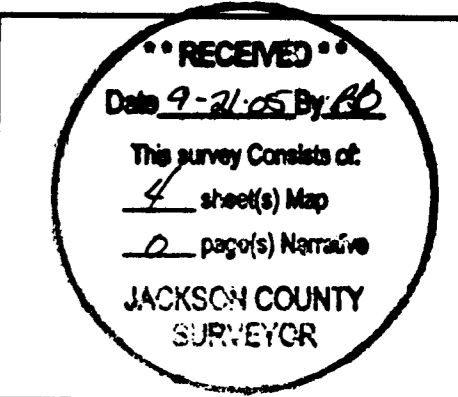
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WAGNER STREET ROAD IMPROVEMENTS  
FOR THE CITY OF TALENT  
JACKSON COUNTY  
SEPTEMBER, 2005 SCALE 1" = 50'

MARK ARMSTRONG OBEC DESIGNED: B. ELITHORP PROJ. NO. 265-4 SHT. 3 OF 4  
APPROVED BY: CHF, SURVEYOR TITLE DRAWN: A. DUPLANT CHK'D: M. ARMSTRONG FILE NO. 152765

RECORD OF SURVEY  
N.W. 1/4, SEC. 26, T.38 S., R.1 W., W.M.  
JACKSON COUNTY, OREGON



1  
SET 5/8" X 30" IRON ROD  
W/RED PLASTIC CAP  
MARKED "OBEC CONTROL"  
(07-26-05)  
PROJECT LDP VALUES:  
N. 220607.44  
E. 4300123.17  
OREGON STATE PLANE -  
SOUTH ZONE VALUES:  
N. 220595.39  
E. 4299888.28

**SHEET INDEX**

1. CONTROL NETWORK, SHEET INDEX AND BASIS OF BEARING
2. SHEET LAYOUT, NARRATIVE AND REFERENCES
- 3.-4. SURVEY

1.96 SIGMA (95%) CONFIDENCE LEVEL LIMITS

POINT NO.	SEMI MAJOR	SEMI MINOR	ORIENTATION*
3	0.03 INT. FT.	0.02 INT. FT.	22.7°
4	0.02 INT. FT.	0.01 INT. FT.	14.3°
5	0.03 INT. FT.	0.01 INT. FT.	173.0°
6	0.02 INT. FT.	0.01 INT. FT.	170.1°
7	0.02 INT. FT.	0.01 INT. FT.	86.3°
8	0.04 INT. FT.	0.02 INT. FT.	15.5°

\* NORTH AZIMUTH

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

NETWORK POINT COORDINATE TABLE

PT. ID.	LDP NORTHING	LDP EASTING	DESCRIPTION
1	220607.44	4300123.17	SET 5/8" X 30" IRON ROD W/RPC MARKED "OBEC CONTROL"
2	216333.29	4303533.34	FD 4" BRASS DISK U.S. COAST & GEODETIC SURVEY BENCHMARK MARKED "Y548 1954"
3	218378.31	4302005.85	SET MAG NAIL & STAINLESS WASHER MARKED "OBEC CONTROL"
4	218154.60	4301796.83	SET MAG NAIL & STAINLESS WASHER MARKED "OBEC CONTROL"
5	217923.57	4301641.69	SET 5/8" X 30" IRON ROD W/RPC MARKED "OBEC CONTROL"
6	217914.66	4301457.63	FD MAG NAIL
7	217930.44	4301198.22	SET MAG NAIL & STAINLESS WASHER MARKED "OBEC CONTROL"
8	217959.53	4300751.07	SET MAG NAIL & STAINLESS WASHER MARKED "OBEC CONTROL"

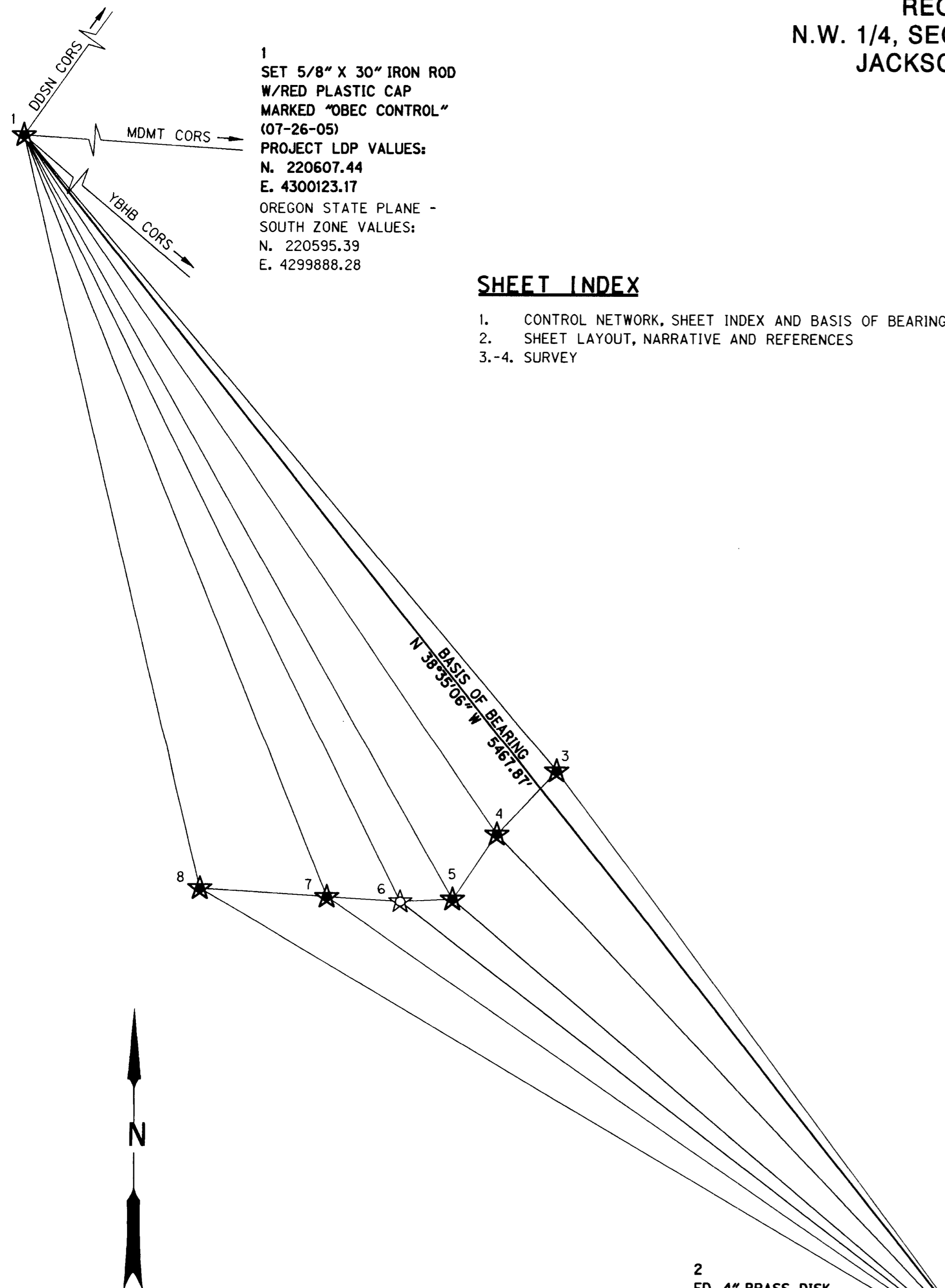
**CONTROL NARRATIVE**

PROJECT: WAGNER STREET ROAD IMPROVEMENTS  
LOCATION: CITY OF TALENT, JACKSON COUNTY  
OBEC PROJECT: 265-004  
SURVEY DATUM:  
HORIZONTAL - NAD 83(CORS96) EPOCH 2002 (INTERNATIONAL FEET)  
VERTICAL - NAVD 88 (INTERNATIONAL FEET)

PRIMARY HORIZONTAL CONTROL WAS BROUGHT INTO THE SITE USING THE NGS OPUS PROGRAM TO ESTABLISH POSITIONS ON POINTS 1 AND 2. A SUBSEQUENT STATIC GPS SURVEY WAS PERFORMED TO ESTABLISH POSITIONS FOR POINTS 3 THROUGH 8. THIS SURVEY UTILIZED A LOCAL DATUM PLANE (LDP) COORDINATE SYSTEM, WHICH IS RELATIVE TO THE OREGON STATE PLANE COORDINATE SYSTEM - SOUTH ZONE, NAD83(CORS96) EPOCH 2002. TO CONVERT THE LDP COORDINATES TO THE OREGON STATE PLANE COORDINATE SYSTEM - SOUTH ZONE, MULTIPLY THE COORDINATE VALUES BY A COMBINED FACTOR OF 0.99994538.

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

*Bret Elithorp* 9/29/05  
BRET N. ELITHORP DATE



BASIS OF BEARING AND CONTROL NETWORK SCHEMATIC  
NOT TO SCALE

LEGEND	
★	SET GPS NETWORK POINT
★—★	LINE OF OBSERVATION
☆	FOUND GPS STATION
RPC	RED PLASTIC CAP

2  
FD. 4" BRASS DISK  
U.S. COAST & GEODETIC  
SURVEY BENCHMARK  
STAMPED "Y548 1954"  
(07-26-05)  
PROJECT LDP VALUES:  
N. 216333.29  
E. 4303533.34  
OREGON STATE PLANE -  
SOUTH ZONE VALUES:  
N. 216321.47  
E. 4303298.27

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MARK ARMSTRONG	OBEC	DESIGNED: B. ELITHORP	PROJ. NO. 265-4	SHT. 2 OF 4
APPROVED BY: CHF. SURVEYOR TITLE		DRAWN: A. DUPLANT	CHK'D: M. ARMSTRONG	FILE NO. 15275S