

**** RECEIVED ****
 DATE 8/15/13 BY JF
 This survey consists of:
 2 sheet(s) Map
 2 page(s) Narrative
 JACKSON COUNTY SURVEYOR

MAP OF SURVEY GARFIELD STREET

LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36

TOWNSHIP 37 SOUTH, RANGE 2 WEST, AND THE SOUTHEAST 1/4 OF SECTION
 36, TOWNSHIP 37 SOUTH, RANGE 2 WEST, WILLAMETTE MERIDIAN,
 IN THE CITY OF MEDFORD, JACKSON COUNTY, OREGON

SURVEY NARRATIVE TO COMPLY WITH O.R.S. 209.250

SURVEYED BY AND FOR: THE CITY OF MEDFORD PUBLIC WORKS DEPARTMENT
 411 WEST 8TH STREET, MEDFORD OREGON, 97501

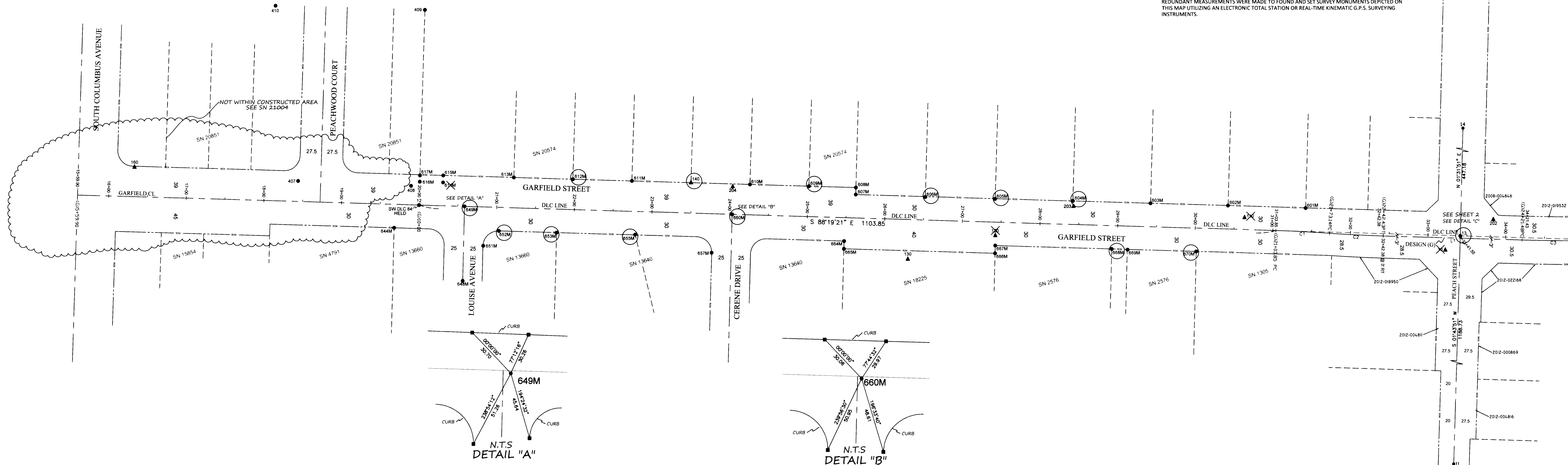
DATE OF SURVEY: JULY 2013

BASIS OF BEARING: SURVEY NUMBER 20795, AS FILED IN JACKSON COUNTY SURVEYORS OFFICE

PURPOSE: IN THE SPIRIT OF O.R.S. 209.155

- PERPETUATE THE LOCATION OF FOUND SURVEY MONUMENTS DEPICTED IN SURVEY NUMBERS 21004 AND 20795 AS FILED BY THIS OFFICE, BY REPLACING SAID MONUMENTS OR PROVIDING SURVEY CONTROL POINTS TO WHICH FUTURE LAND SURVEYS CAN USE AS A REFERENCE TO THE NOW DESTROYED MONUMENTS. (MONUMENT NOT REPLACED IF IT FALLS WITHIN NEWLY ACQUIRED RIGHT OF WAY PER O.R.S. 209.155 (1) (a)).
- TO PROVIDE A PERMANENT SURVEY CONTROL NETWORK REFERENCING THE NEW RIGHT OF WAY AND CONTROLLING CENTER LINE, PER 209.155 (2) (b). (THE INTENT OF THIS SECTION IS TO PROVIDE THE SURVEY CONTROL AND MATHEMATICS TO WHICH SURVEYS IN THE FUTURE CAN SURVEY THE RIGHT OF WAY LINES AS IS NEEDED ON A CASE BY CASE BASIS).

PROCEDURE: A SEARCH WAS MADE FOR SURVEY MONUMENTS DEPICTED ON SAID SURVEYS 21004 AND 20795 AND REPLACED (IN THE FOUND LOCATION) OR MARKED "DESTROYED" AS DEPICTED ON THIS MAP. REDUNDANT MEASUREMENTS WERE MADE TO FOUND AND SET SURVEY MONUMENTS DEPICTED ON THIS MAP UTILIZING AN ELECTRONIC TOTAL STATION OR REAL-TIME KINEMATIC G.P.S. SURVEYING INSTRUMENTS.



STATION AND OFFSETS BASED ON DLC LINE AND DLC LINE PRODUCED WEST AND CENTERLINE OF GARFIELD STREET EAST OF KINGS HWY

MONUMENT TABLE

Point#	Station	Offset	Description
11	33+40.45	R1188.71	FD 3/4" SQ BOLT, 20" DEEP, PER SN 20795
12	20+00.00	R0.00	FD 2" BRASS CAP "SW COR DLC #84 (2010)", FLUSH IN A/C, PER SN 20851 & PER SN 21004
13	33+41.55	L0.02	RE-SET 2-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", FLUSH IN A/C
14	33+40.40	L447.19	FD COM ALC, FLUSH @ MARSHALL/PEACH, PER SN 19529 & PER SN 20795
140	23+49.05	L39.00	RE-SET 2-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", FLUSH IN A/C
406	17+78.76	L24.19	FD 1" BRASS PLUG "CS" WITH PUNCH MARK, SET IN TOP CURB, PER SN 21004
407	18+43.40	L26.34	FD 1" BRASS PLUG "CS" WITH PUNCH MARK, SET IN TOP CURB, PER SN 21004
408	19+89.00	L24.38	FD 1" BRASS PLUG "CS" WITH PUNCH MARK, PER SN 21004
409	20+00.34	L251.09	FD 2" BRASS CAP "SE CORNER DLC 87 (2006)", EXPOSED 2" IN YARD, PER SN 21004
410	18+07.90	L250.79	FD 2" BRASS CAP "NE CORNER DLC 81 (1997)", EXPOSED 2" IN DITCH, PER SN 21004
601M	31+41.46	L29.85	FD 1" PIPE, DOWN 2" AND LEANING EAST, MEASURED AT TOP OF PIPE, PER SN 21004
602M	30+41.39	L29.84	FD 1" PIPE, DOWN 2" PER SN 21004
603M	29+41.40	L29.94	RE-SET 2-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", FLUSH IN A/C
604M	28+41.51	L30.13	RE-SET 5/8"x24" REBAR W/ALC "CITY OF MEDFORD", FLUSH
605M	27+41.36	L29.71	RE-SET 5/8"x24" REBAR W/ALC "CITY OF MEDFORD", DOWN 3"
606M	26+51.53	L29.44	FD 5/8" PIN W/OPC "NEATHAMER SURVEYING", DOWN 2" IN YARD, PER SN 20574 & PER SN 21004
607M	25+61.59	L30.00	FD 5/8" PIN W/OPC "NEATHAMER SURVEYING", DOWN 2" IN YARD, PER SN 20574 & PER SN 21004
608M	25+61.55	L39.04	RE-SET 5/8"x24" REBAR W/ALC "CITY OF MEDFORD", BEHIND WALL AND 7" DOWN FROM TOP WALL
610M	24+25.06	L38.99	RE-SET 2-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", FLUSH IN A/C
611M	22+73.09	L39.03	FD 5/8" PIN W/OPC "NEATHAMER SURVEYING", FLUSH IN YARD, PER SN 20574 & PER SN 21004
612M	21+97.07	L38.99	RE-SET 2-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", FLUSH IN A/C
613M	21+21.06	L38.99	FD 5/8" PIN W/OPC "NEATHAMER SURVEYING", FLUSH IN YARD, PER SN 20574 & PER SN 21004
615M	20+30.05	L38.95	FD 5/8" PIN W/OPC "NEATHAMER SURVEYING", FLUSH IN A/C, PER SN 20574 & PER SN 21004
616M	20+00.10	L30.02	FD 5/8" PIN W/OPC "C. NEATHAMER LS 56545", FLUSH UNDER FENCE, PER SN 18225 & PER SN 21004
617M	20+00.10	L38.11	RE-SET 1-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", FLUSH IN WALK
644M	19+68.69	R29.99	FD 2" BRASS DISK W/PUNCH "GEORGIANNA VILLAGE INITIAL POINT, LS 2349", DOWN 6" IN CONC, PER SN 13660 & PER SN 21004
648M	20+58.82	R95.53	FD 2" BRASS DISK W/PUNCH "ILLEGIBLE" DOWN 2" UNDER A/C IN CONC, PER SN 13660 & PER SN 21004
649M	20+58.99	R0.01	RE-SET 2-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", FLUSH IN A/C
651M	20+84.01	R49.85	FD 5/8" PIN, DOWN 12" AND BENT NORTHEAST (SHOT AT BEND), PER SN 13660 & PER SN 21004
652M	21+03.68	R30.06	RE-SET 5/8"x24" REBAR W/ALC "CITY OF MEDFORD", BEHIND WALL AND 7" DOWN FROM TOP WALL
653M	21+71.95	R29.97	RE-SET 5/8"x24" REBAR W/ALC "CITY OF MEDFORD", BEHIND WALL AND 6" DOWN FROM TOP WALL
655M	22+74.14	R29.61	RE-SET 1-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", IN TOP WALL
657M	23+78.14	R49.99	FD 5/8" PIN, DOWN 8", PER SN 13640 & PER SN 21004
660M	24+03.22	R0.06	RE-SET 2-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", FLUSH IN A/C
664M	25+48.26	R30.02	FD 1" AXLE W/PUNCH, DOWN 12" IN DITCH BANK, PER SN 118 & PER SN 21004
665M	25+48.28	R40.05	FD 5/8" PIN W/OPC "C. NEATHAMER LS 56545", DOWN 10" IN YARD, PER SN 18225 & PER SN 21004
666M	27+43.25	R34.99	FD 5/8" PIN W/OPC "C. NEATHAMER LS 56545", FLUSH UNDER FENCE, PER SN 18225 & PER SN 21004
667M	27+43.18	R30.03	FD 5/8" PIN W/OPC "C. NEATHAMER LS 56545", FLUSH UNDER FENCE, PER SN 18225 & PER SN 21004
668M	28+93.18	R30.05	RE-SET 5/8"x24" REBAR W/ALC "CITY OF MEDFORD", DOWN 3"
669M	29+13.65	R30.32	FD 1/2" (5/8" REC) PIN, EXPOSED 4", PER SN 2576 & PER SN 21004
670M	30+02.13	R30.08	RE-SET 5/8"x24" REBAR W/ALC "CITY OF MEDFORD", DOWN 3"

CONTROL TABLE

Point#	Station	Offset	Northing	Easting	Description
70	44+87.55	L24.30	242006.51	4278464.54	SET 24"x5/8" REBAR W/RPC "CITY OF MEDFORD" IN GRAVEL SHOULDER
80	46+43.70	L33.78	242345.30	4278130.51	SET 24"x5/8" REBAR W/RPC "CITY OF MEDFORD" IN GRAVEL SHOULDER
12	20+00.00	R0.00	242069.07	4275477.59	FD 2" BRASS CAP "SW COR DLC #84 (2010)", FLUSH IN A/C, PER SN 20851 & PER SN 21004
106	46+61.56	R0.00	241991.16	4278138.01	FD 2" ALUMINUM CAP "SE CORNER DLC 84"
130	26+31.06	R50.85	241999.76	4276106.90	PER JACKSON COUNTY'S SIXTH RE-ESTABLISHMENT DATED JUNE 5, 2013
160	16+52.21	L37.89	242117.71	4275111.07	FD MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN WALK PER SN 21004
200	46+30.77	R36.22	241955.86	4278106.18	FD MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN WALK PER SN 21004
201	39+95.47	L23.22	242033.87	4277472.89	SET MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN CURB
202	33+83.47	L22.11	242050.67	4276861.12	SET MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN CURB
203	28+42.54	L23.27	242067.67	4276320.45	SET MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN CURB
204	24+02.90	L35.54	242092.80	4275881.35	SET MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN WALK

LINE TABLE (G)

LINE	BEARING	DISTANCE
L1	S 88°19'21" E	179.05'
L2	S 88°19'21" E	48.64'

CURVE TABLE (G)

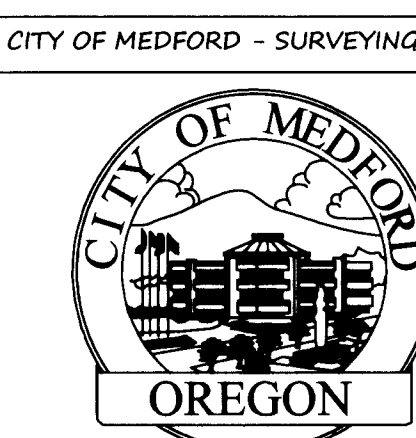
CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	1600.00'	69.29'	69.28'	S 87°04'55" E	2°28'52"
C2	1600.00'	69.29'	69.28'	S 87°04'55" E	2°28'52"
C3	2150.00'	80.32'	80.31'	S 89°23'34" E	2°08'25"
C4	2150.00'	80.32'	80.31'	S 89°23'34" E	2°08'25"
C5	600.00'	77.51'	77.46'	N 87°58'35" E	7°24'07"
C6	600.00'	77.51'	77.46'	N 87°58'35" E	7°24'07"

LEGEND

- SET 3/8" SHELL IN TOP-CURB AS RP
- SET CONTROL AS NOTED
- MONUMENT FOUND AS NOTED
- MONUMENT DESTROYED (RE-SET) AS NOTED
- MONUMENT DESTROYED (NOT RE-SET)
- CITY OF MEDFORD SURVEY NUMBER
- BRASS CAP
- REBAR AND CAP
- LEFT
- RECORD
- RED PLASTIC CAP
- YELLOW PLASTIC CAP
- ORANGE PLASTIC CAP
- ALUMINUM CAP
- FOUND
- DONATION LAND CLAIM
- GARFIELD STREET ENGINEERS CENTERLINE
- KINGS HIGHWAY ENGINEERS CENTERLINE
- REFERENCE POINT
- RECORD PER SN 20795 AND 21004
- NOT TO SCALE
- ASPHALT
- CENTERLINE

REGISTERED PROFESSIONAL LAND SURVEYOR
 JON W. PROUD
 8/15/13
 EXPIRES DECEMBER 31, 2014

SCALE 1"=60'

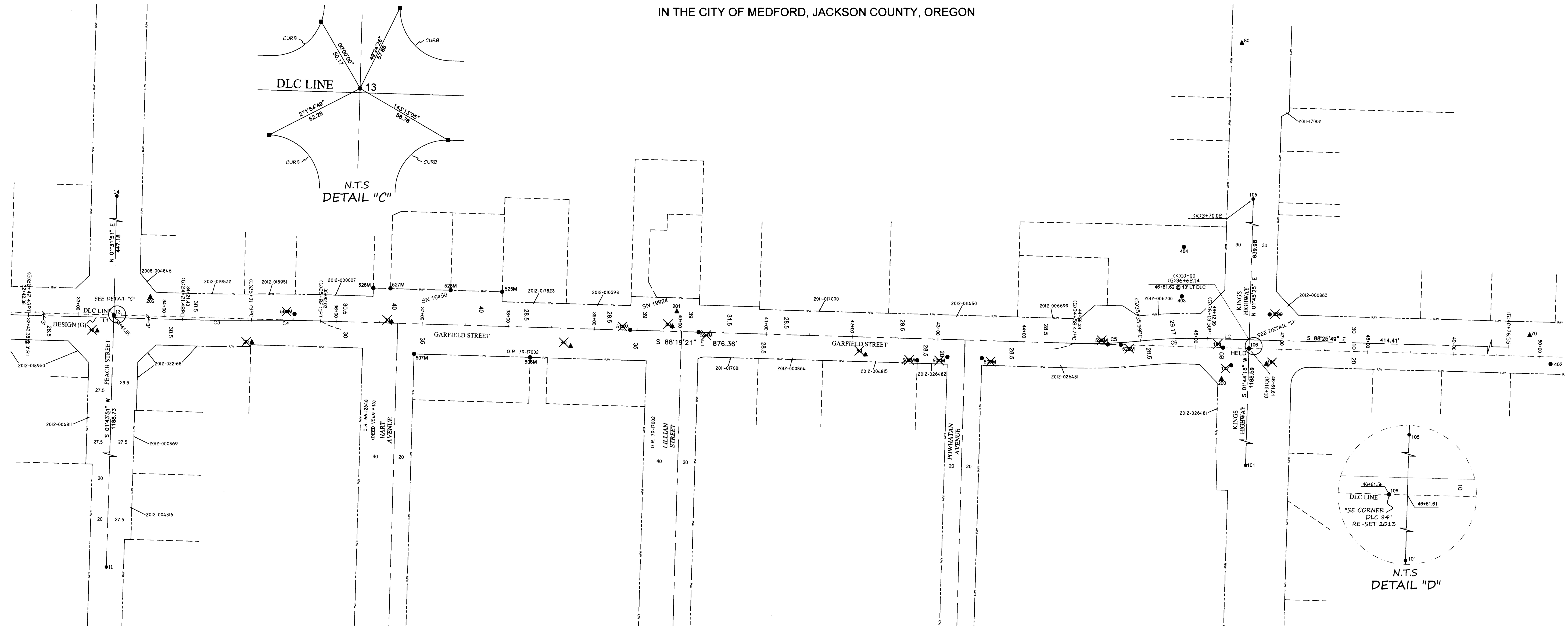


DRAWN BY: SPM DATE: 8-15-13 PROJECT NO: P-1665
 CHECKED BY: JP DATE: 8-15-13 SHEET NO: P-1778
 NOTES: 1 OF 2

**** RECEIVED ****
 DATE 8/15/13 BY [Signature]
 This survey consists of:
2 sheet(s) Map
0 page(s) Narrative
 JACKSON COUNTY SURVEYOR

MAP OF SURVEY GARFIELD STREET

LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36
 TOWNSHIP 37 SOUTH, RANGE 2 WEST, AND THE SOUTHEAST 1/4 OF SECTION
 36, TOWNSHIP 37 SOUTH, RANGE 2 WEST, WILLAMETTE MERIDIAN,
 IN THE CITY OF MEDFORD, JACKSON COUNTY, OREGON



STATION AND OFFSETS BASED ON DLC LINE AND DLC LINE PRODUCED WEST AND CENTERLINE OF GARFIELD STREET EAST OF KINGS HWY

MONUMENT TABLE

RE-SET MONUMENTS ARE SET IN SAME POSITION AS WHEN FOUND PER MONUMENT RECOVERY SURVEYS 20795 AND 21004

Point#	Station	Offset	Description
11	33+40.45	R1189.71	FD 3/4" SQ BOLT 20" DEEP, PER SN 20795
13	33+41.55	L0.02	RE-SET 2-1/2" MAGNAIL W/BRASS WASHER "CITY OF MEDFORD", FLUSH IN AC
14	33+40.40	L447.18	FD COM ALC FLUSH @ MARSHALL/PEACH PER SN 19529 AND PER SN 20795
101	46+60.37	R1188.59	FD 5/8" PIN, 6" DEEP @ DIAMOND/KINGS, PER SN 20795
105	46+62.50	L639.98	FD BC FLUSH @ SHADOWWOOD/KINGS, PER SN 14522 AND PER SN 20795
106	46+61.56	R0.00	FD 2" ALUMINUM CAP "SE CORNER DLC 84"
402	50+12.74	R8.22	PER JACKSON COUNTY'S SIXTH RE-ESTABLISHMENT DATED JUNE 5, 2013
403	45+82.02	L58.24	FD 1" BRASS PLUG "CS" WITH PUNCH MARK, SET IN WALK AT STORE, PER SN 21004
404	45+82.98	L115.55	FD 1" BRASS PLUG "CS" WITH PUNCH MARK, SET IN WALK AT STORE, PER SN 21004
506M	38+26.46	R34.87	FD 5/8" PIN, PER SN 7236 AND PER SN 20795
507M	36+41.54	R34.93	FD 5/8" PIN, PER SN 7236 AND PER SN 20795
525M	37+42.08	L40.20	FD 5/8" PIN W/BAROTTI CAP, PER SN 16450 AND PER SN 20795
526M	36+42.07	L40.24	FD 5/8" PIN W/BAROTTI CAP, PER SN 16450 AND PER SN 20795
527M	36+62.09	L40.23	FD 5/8" PIN W/FRIAR CAP, PER SN 19567 AND PER SN 20795
528M	37+32.09	L40.15	FD 5/8" PIN W/FRIAR CAP, PER SN 19567 AND PER SN 20795

CONTROL TABLE

Point#	Station	Offset	Northing	Easting	Description
70	44+87.55	L24.30	242006.51	4278464.54	SET 24"x5/8" REBAR W/RPC "CITY OF MEDFORD" IN GRAVEL SHOULDER
80	46+43.70	L353.78	242345.30	4278130.51	SET 24"x5/8" REBAR W/RPC "CITY OF MEDFORD" IN GRAVEL SHOULDER
12	20+00.00	R0.00	242069.07	4275477.59	FD 2" BRASS CAP "SW COR DLC #84 (2010)", FLUSH IN A/C, PER SN 20851 & PER SN 21004
106	46+61.56	R0.00	241991.16	4278138.07	FD 2" ALUMINUM CAP "SE CORNER DLC 84"
130	26+31.06	R50.85	241999.76	4276106.90	PER JACKSON COUNTY'S SIXTH RE-ESTABLISHMENT DATED JUNE 5, 2013
160	16+32.21	L37.89	242117.71	4275111.07	FD MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN WALK PER SN 21004
200	46+30.77	R36.21	241955.86	4278106.18	SET MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN WALK
201	39+45.47	L23.22	242033.87	4277472.89	SET MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN CURB
202	33+83.47	L22.11	242050.67	4276861.12	SET MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN CURB
203	28+42.54	L23.27	242067.67	4276320.45	SET MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN CURB
204	24+02.90	L35.54	242092.80	4275881.35	SET MAGNAIL IN LEAD W/TAG "CITY OF MEDFORD" IN WALK

LINE TABLE (G)

LINE	BEARING	DISTANCE
L1	S 88°19'21" E	179.05'
L2	S 88°19'21" E	48.64'

CURVE TABLE (G)

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	1600.00'	69.29'	69.28'	S 87°04'55" E	2°28'52"
C2	1600.00'	69.29'	69.28'	S 87°04'55" E	2°28'52"
C3	2150.00'	80.32'	80.31'	S 89°23'34" E	2°08'25"
C4	2150.00'	80.32'	80.31'	S 89°23'34" E	2°08'25"
C5	600.00'	77.51'	77.46'	N 87°58'35" E	7°24'07"
C6	600.00'	77.51'	77.46'	N 87°58'35" E	7°24'07"

LEGEND

- SET 38 SHELL IN TOP-CURB AS RP
- ▲ SET CONTROL AS NOTED
- MONUMENT FOUND AS NOTED
- MONUMENT DESTROYED (RE-SET) AS NOTED
- ✕ MONUMENT DESTROYED (NOT RE-SET)
- COM CITY OF MEDFORD
- SN SURVEY NUMBER
- BC BRASS CAP
- R/C REBAR AND CAP
- R RIGHT
- L LEFT
- REC RECORD
- RPC RED PLASTIC CAP
- YPC YELLOW PLASTIC CAP
- OPC ORANGE PLASTIC CAP
- ALC ALUMINUM CAP
- FD FOUND
- MON MONUMENT
- DLC DONATION LAND CLAIM
- G GARFIELD STREET ENGINEERS CENTERLINE
- R KINGS HIGHWAY ENGINEERS CENTERLINE
- RP REFERENCE POINT
- () RECORD PER SN 20795 AND 21004
- N.T.S NOT TO SCALE
- A/C ASPHALT
- CL CENTERLINE

REGISTERED PROFESSIONAL LAND SURVEYOR

[Signature] 8/15/13
 OREGON
 JANUARY 9, 2007
 JON M. PROUD
 77852
 EXPIRES DECEMBER 31, 2014

SCALE 1"=60'
 60' 120' 180'

CITY OF MEDFORD - SURVEYING DEPT.



DRAWN BY: SPM DATE: 8-15-13 PROJECT NO. P-1665
 CHECKED BY: JP DATE: 8-15-13 P-1778
 SHEET NO. 2 OF 2