

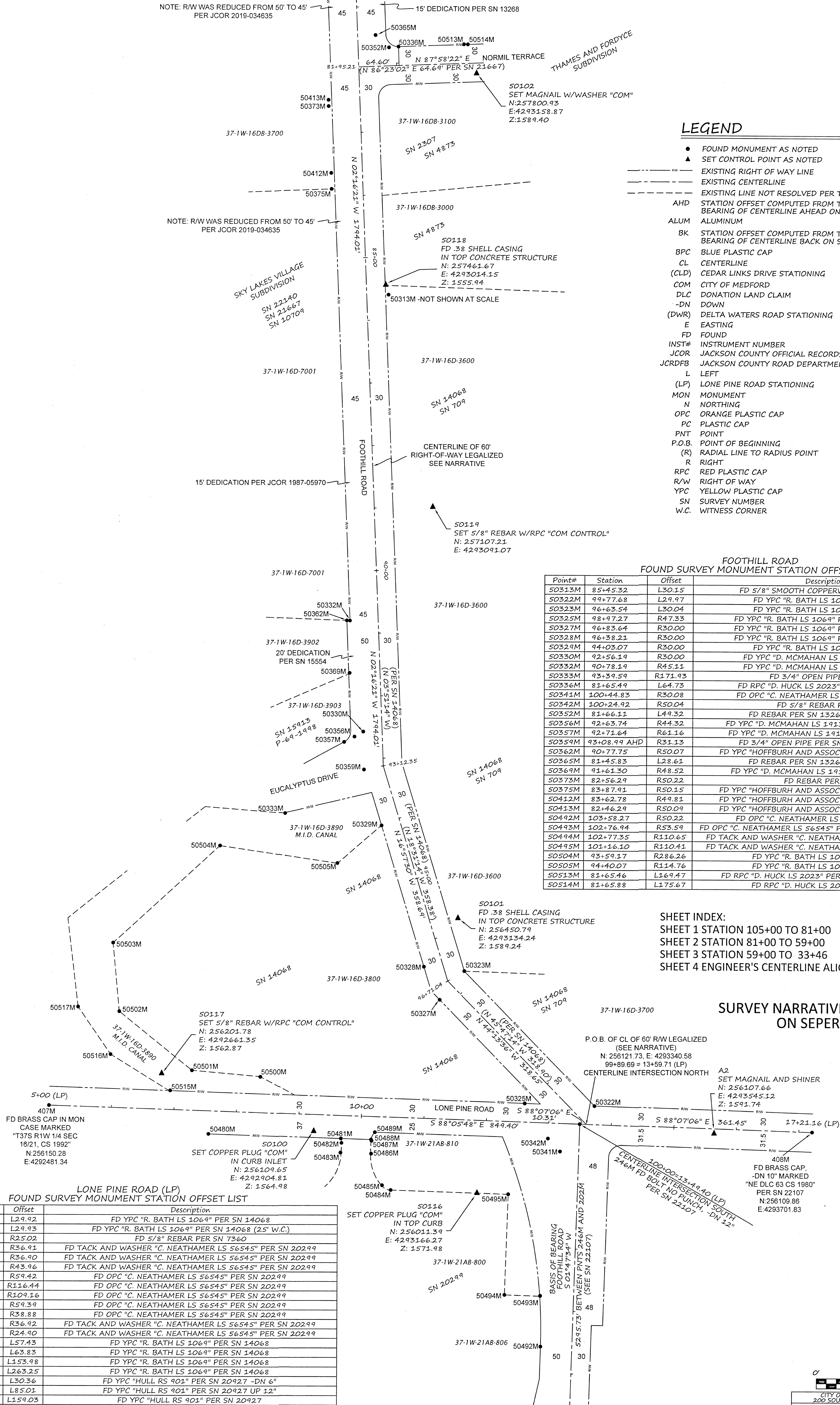
# MONUMENT RECOVERY, CONTROL AND FOOTHILL ROAD LEGALIZATION SURVEY

LOCATED IN THE NORTHEAST 1/4 OF SECTION 21, THE EAST 1/2 OF SECTION 16, AND THE SOUTHEAST 1/4 OF SECTION 09, TOWNSHIP 37 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN JACKSON COUNTY, OREGON

RECEIVED  
DATE 8/12/20  
This survey consists of:  
4 sheet(s) Map  
4 page(s) Narrative  
JACKSON COUNTY SURVEYOR

SEE SHEET 2

NOTE: R/W WAS REDUCED FROM 50' TO 45' PER JCOR 2019-034635



### LEGEND

- FOUND MONUMENT AS NOTED
- ▲ SET CONTROL POINT AS NOTED
- EXISTING RIGHT OF WAY LINE
- EXISTING CENTERLINE
- EXISTING LINE NOT RESOLVED PER THIS SURVEY
- AHD STATION OFFSET COMPUTED FROM TANGENT BEARING OF CENTERLINE AHEAD ON STATION
- ALUM ALUMINUM
- BK STATION OFFSET COMPUTED FROM TANGENT BEARING OF CENTERLINE BACK ON STATION
- BPC BLUE PLASTIC CAP
- CL CENTERLINE
- (CLD) CEDAR LINKS DRIVE STATIONING
- COM CITY OF MEDFORD
- DLC DONATION LAND CLAIM
- DN DOWN
- (DWR) DELTA WATERS ROAD STATIONING
- E EASTING
- FD FOUND
- INST# INSTRUMENT NUMBER
- JCOR JACKSON COUNTY OFFICIAL RECORDS
- JCRDFB JACKSON COUNTY ROAD DEPARTMENT FIELD BOOK
- L LEFT
- (LP) LONE PINE ROAD STATIONING
- MON MONUMENT
- N NORTHING
- OPC ORANGE PLASTIC CAP
- PC PLASTIC CAP
- PNT POINT
- P.O.B. POINT OF BEGINNING
- (R) RADIAL LINE TO RADIUS POINT
- R RIGHT
- RPC RED PLASTIC CAP
- R/W RIGHT OF WAY
- YPC YELLOW PLASTIC CAP
- SN SURVEY NUMBER
- W.C. WITNESS CORNER

### FOOTHILL ROAD FOUND SURVEY MONUMENT STATION OFFSET LIST

Point#	Station	Offset	Description
50313M	85+45.32	L30.15	FD 5/8" SMOOTH COPPERWELD ROD PER SN 709
50322M	99+77.68	L29.97	FD YPC "R. BATH LS 1069" PER SN 14068
50323M	96+63.54	L30.04	FD YPC "R. BATH LS 1069" PER SN 14068
50325M	98+97.27	R47.33	FD YPC "R. BATH LS 1069" PER SN 14068 (25' W.C.)
50327M	96+83.64	R30.00	FD YPC "R. BATH LS 1069" PER SN 14068 (20' W.C.)
50328M	96+38.21	R30.00	FD YPC "R. BATH LS 1069" PER SN 14068 (40' W.C.)
50329M	94+03.07	R30.00	FD YPC "R. BATH LS 1069" PER SN 14068
50330M	92+56.19	R30.00	FD YPC "D. MCMAHAN LS 1913" PER SN 15913
50332M	90+78.19	R45.11	FD YPC "D. MCMAHAN LS 1913" PER SN 15913
50333M	93+39.59	R171.93	FD 3/4" OPEN PIPE PER SN 2031
50336M	81+65.49	L64.73	FD RPC "D. HUCK LS 2023" PER SN 13268 -DN 6"
50341M	100+44.83	R30.08	FD OPC "C. NEATHAMER LS 56545" PER SN 20299
50342M	100+24.92	R50.04	FD 5/8" REBAR PER SN 7360
50352M	81+66.11	L49.32	FD REBAR PER SN 13268 BENT SOUTHERLY
50356M	92+63.74	R44.32	FD YPC "D. MCMAHAN LS 1913" PER SN 15913 -DN 16"
50357M	92+71.64	R61.16	FD YPC "D. MCMAHAN LS 1913" PER SN 15913 -DN 8"
50359M	93+08.99	R31.13	FD 3/4" OPEN PIPE PER SN 2031 LEANING WEST
50362M	90+77.75	R50.07	FD YPC "HOFFBURH AND ASSOCIATES, INC." PER SN 22140
50365M	81+45.83	L28.61	FD REBAR PER SN 13268 BENT SOUTHERLY
50369M	91+61.30	R48.52	FD YPC "D. MCMAHAN LS 1913" PER SN 15913 BENT
50373M	82+56.29	R50.22	FD REBAR PER SN 22140
50375M	83+87.91	R50.15	FD YPC "HOFFBURH AND ASSOCIATES, INC." PER SN 22140
50412M	83+62.78	R49.81	FD YPC "HOFFBURH AND ASSOCIATES, INC." PER SN 22140
50413M	82+46.29	R50.09	FD YPC "HOFFBURH AND ASSOCIATES, INC." PER SN 22140
50492M	103+58.27	R50.22	FD OPC "C. NEATHAMER LS 56545" PER SN 20299
50493M	102+76.94	R53.59	FD OPC "C. NEATHAMER LS 56545" PER SN 20299 BENT NORTHEAST
50494M	102+77.35	R110.65	FD TACK AND WASHER "C. NEATHAMER LS 56545" PER SN 20299
50495M	101+16.10	R110.41	FD TACK AND WASHER "C. NEATHAMER LS 56545" PER SN 20299
50504M	93+59.17	R286.26	FD YPC "R. BATH LS 1069" PER SN 14068
50505M	94+40.07	R114.76	FD YPC "R. BATH LS 1069" PER SN 14068
50513M	81+65.46	L169.47	FD RPC "D. HUCK LS 2023" PER SN 13268 LEANING WEST
50514M	81+65.88	L175.67	FD RPC "D. HUCK LS 2023" PER SN 13268

SHEET INDEX:  
SHEET 1 STATION 105+00 TO 81+00  
SHEET 2 STATION 81+00 TO 59+00  
SHEET 3 STATION 59+00 TO 33+46  
SHEET 4 ENGINEER'S CENTERLINE ALIGNMENT

SURVEY NARRATIVE ATTACHED HERETO ON SEPARATE SHEETS

### LONE PINE ROAD (LP) FOUND SURVEY MONUMENT STATION OFFSET LIST

Point#	Station	Offset	Description
50322M	13+71.84	L29.92	FD YPC "R. BATH LS 1069" PER SN 14068
50325M	12+60.29	L29.93	FD YPC "R. BATH LS 1069" PER SN 14068 (25' W.C.)
50342M	12+99.41	R25.02	FD 5/8" REBAR PER SN 7360
50480M	7+56.52	R36.91	FD TACK AND WASHER "C. NEATHAMER LS 56545" PER SN 20299
50481M	9+68.43	R36.90	FD TACK AND WASHER "C. NEATHAMER LS 56545" PER SN 20299
50482M	9+69.70	R43.96	FD TACK AND WASHER "C. NEATHAMER LS 56545" PER SN 20299
50483M	9+68.66	R59.42	FD OPC "C. NEATHAMER LS 56545" PER SN 20299
50484M	10+51.01	R116.44	FD OPC "C. NEATHAMER LS 56545" PER SN 20299
50485M	10+36.93	R109.16	FD OPC "C. NEATHAMER LS 56545" PER SN 20299
50486M	10+17.69	R59.39	FD OPC "C. NEATHAMER LS 56545" PER SN 20299
50487M	10+17.64	R38.88	FD OPC "C. NEATHAMER LS 56545" PER SN 20299
50488M	10+16.78	R36.92	FD TACK AND WASHER "C. NEATHAMER LS 56545" PER SN 20299
50489M	10+22.42	R24.90	FD TACK AND WASHER "C. NEATHAMER LS 56545" PER SN 20299
50500M	8+36.35	L57.43	FD YPC "R. BATH LS 1069" PER SN 14068
50501M	7+26.57	L63.83	FD YPC "R. BATH LS 1069" PER SN 14068
50502M	6+06.93	L153.98	FD YPC "R. BATH LS 1069" PER SN 14068
50503M	5+93.07	L263.25	FD YPC "R. BATH LS 1069" PER SN 14068
50515M	6+92.87	L30.36	FD YPC "HULL RS 901" PER SN 20927 -DN 6"
50516M	5+95.47	L85.01	FD YPC "HULL RS 901" PER SN 20927 UP 12"
50517M	5+40.79	L159.03	FD YPC "HULL RS 901" PER SN 20927

REGISTERED PROFESSIONAL LAND SURVEYOR  
  
 OREGON  
 JANUARY 9, 2007  
 JON M. PROUD  
 77652  
 EXPIRES DECEMBER 31, 2020

SCALE 1"=80'

CITY OF MEDFORD - SURVEYING DEPARTMENT  
 200 SOUTH IVY STREET, MEDFORD OREGON 97501  
 MONUMENT RECOVERY, CONTROL AND FOOTHILL ROAD LEGALIZATION SURVEY

DRAWN BY: GPM	DATE: 7-23-20	PROJECT NO:
CHECKED BY: ZPE	DATE: 7-23-20	P19-00025
SHEET NO:		1 OF 4

# MONUMENT RECOVERY, CONTROL AND FOOTHILL ROAD LEGALIZATION SURVEY

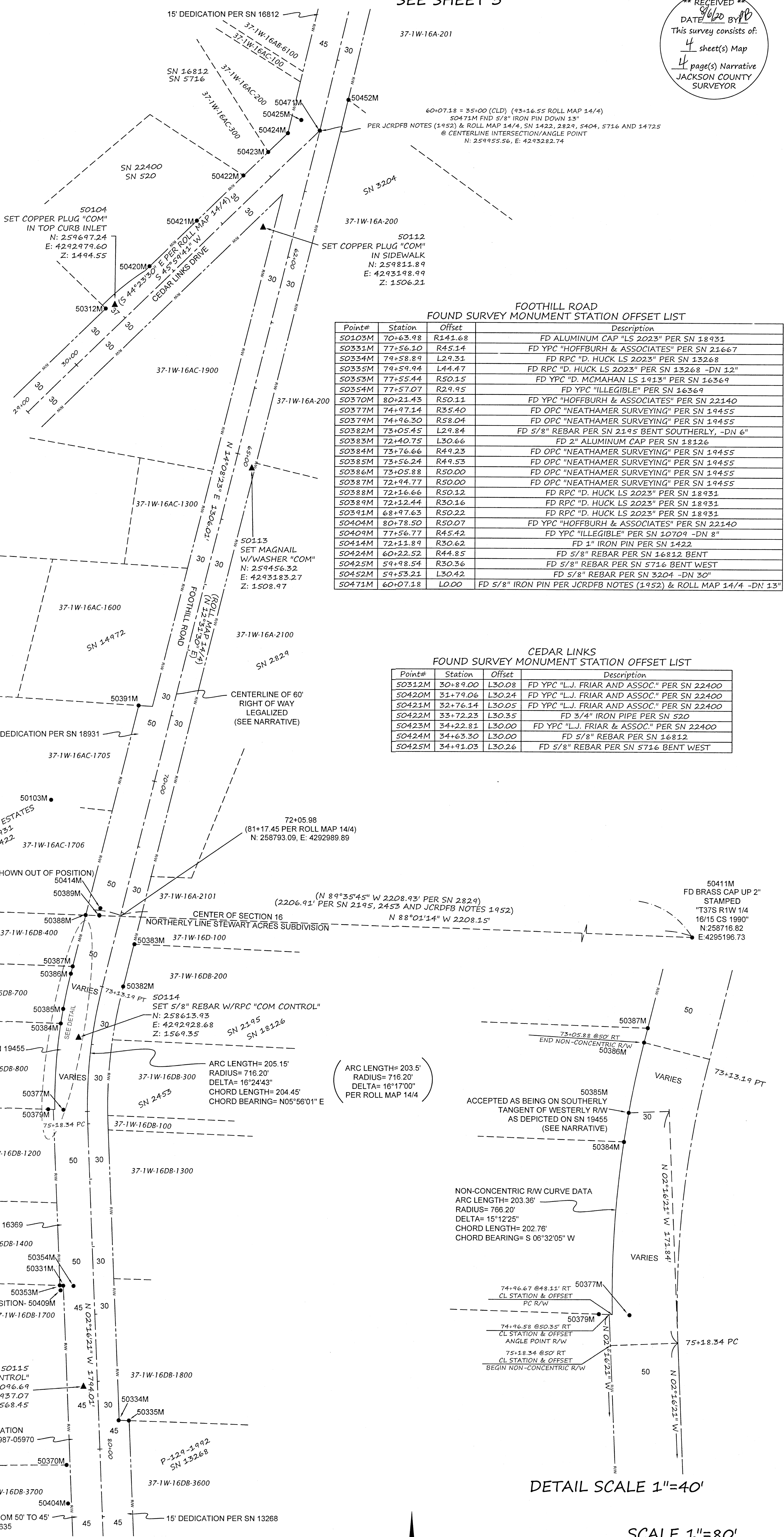
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SEE SHEET 3

RECEIVED  
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JACKSON COUNTY SURVEYOR

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- SN SURVEY NUMBER
- W.C. WITNESS CORNER



### FOOTHILL ROAD FOUND SURVEY MONUMENT STATION OFFSET LIST

Point#	Station	Offset	Description
50103M	70+63.98	R141.68	FD ALUMINUM CAP "LS 2023" PER SN 18931
50331M	77+56.10	R45.14	FD YPC "HOFFBURH & ASSOCIATES" PER SN 21667
50334M	79+58.89	L29.31	FD RPC "D. HUCK LS 2023" PER SN 13268
50335M	79+59.94	L44.47	FD RPC "D. HUCK LS 2023" PER SN 13268 -DN 12"
50355M	77+55.44	R50.15	FD YPC "D. MCMAHAN LS 1913" PER SN 16369
50354M	77+57.07	R29.95	FD YPC "ILLEGIBLE" PER SN 16369
50370M	80+21.43	R50.11	FD YPC "HOFFBURH & ASSOCIATES" PER SN 22140
50377M	74+97.14	R35.40	FD OPC "NEATHAMER SURVEYING" PER SN 19455
50379M	74+96.30	R58.04	FD OPC "NEATHAMER SURVEYING" PER SN 19455
50382M	73+05.45	L29.84	FD 5/8" REBAR PER SN 2195 BENT SOUTHERLY, -DN 6"
50383M	72+40.75	L30.66	FD 2" ALUMINUM CAP PER SN 18126
50384M	73+76.66	R49.23	FD OPC "NEATHAMER SURVEYING" PER SN 19455
50385M	73+56.24	R49.53	FD OPC "NEATHAMER SURVEYING" PER SN 19455
50386M	73+05.88	R50.00	FD OPC "NEATHAMER SURVEYING" PER SN 19455
50387M	72+94.77	R50.00	FD OPC "NEATHAMER SURVEYING" PER SN 19455
50388M	72+16.66	R50.12	FD RPC "D. HUCK LS 2023" PER SN 18931
50389M	72+12.44	R30.16	FD RPC "D. HUCK LS 2023" PER SN 18931
50391M	68+97.63	R50.22	FD RPC "D. HUCK LS 2023" PER SN 18931
50404M	80+78.50	R50.07	FD YPC "HOFFBURH & ASSOCIATES" PER SN 22140
50409M	77+56.77	R45.42	FD YPC "ILLEGIBLE" PER SN 10709 -DN 8"
50414M	72+11.89	R30.62	FD 1" IRON PIN PER SN 1422
50424M	60+22.52	R44.85	FD 5/8" REBAR PER SN 16812 BENT
50425M	59+98.54	R30.36	FD 5/8" REBAR PER SN 5716 BENT WEST
50452M	59+53.21	L30.42	FD 5/8" REBAR PER SN 3204 -DN 30"
50471M	60+07.18	L0.00	FD 5/8" IRON PIN PER JCRDFB NOTES (1952) & ROLL MAP 14/4 -DN 13"

### CEDAR LINKS FOUND SURVEY MONUMENT STATION OFFSET LIST

Point#	Station	Offset	Description
50312M	30+89.00	L30.08	FD YPC "L.J. FRIAR AND ASSOC." PER SN 22400
50420M	31+79.06	L30.24	FD YPC "L.J. FRIAR AND ASSOC." PER SN 22400
50421M	32+76.14	L30.05	FD YPC "L.J. FRIAR AND ASSOC." PER SN 22400
50422M	33+72.23	L30.35	FD 5/4" IRON PIPE PER SN 520
50423M	34+22.81	L30.00	FD YPC "L.J. FRIAR AND ASSOC." PER SN 22400
50424M	34+63.30	L30.00	FD 5/8" REBAR PER SN 16812
50425M	34+91.03	L30.26	FD 5/8" REBAR PER SN 5716 BENT WEST

DETAIL SCALE 1"=40'

SCALE 1"=80'

REGISTERED PROFESSIONAL LAND SURVEYOR  
OREGON  
JANUARY 9, 2007  
JON M. PROUD  
77852  
EXPIRES DECEMBER 31, 2020

CITY OF MEDFORD - SURVEYING DEPARTMENT  
200 SOUTH IVY STREET, MEDFORD OREGON 97501  
MONUMENT RECOVERY, CONTROL AND FOOTHILL ROAD LEGALIZATION SURVEY  
PROJECT NO. P19-00025  
SHEET NO. 2 OF 4

SEE SHEET 1



# MONUMENT RECOVERY, CONTROL AND Foothill ROAD LEGALIZATION SURVEY

LOCATED IN THE NORTHEAST 1/4 OF SECTION 21, THE EAST 1/2 OF SECTION 16, AND THE SOUTHEAST 1/4 OF SECTION 09, TOWNSHIP 37 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN  
JACKSON COUNTY, OREGON

**\*\* RECEIVED \*\***  
DATE 8/6/20 BY [Signature]  
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JACKSON COUNTY SURVEYOR

DELTA WATERS ROAD (DWR)  
FOUND SURVEY MONUMENT STATION OFFSET LIST

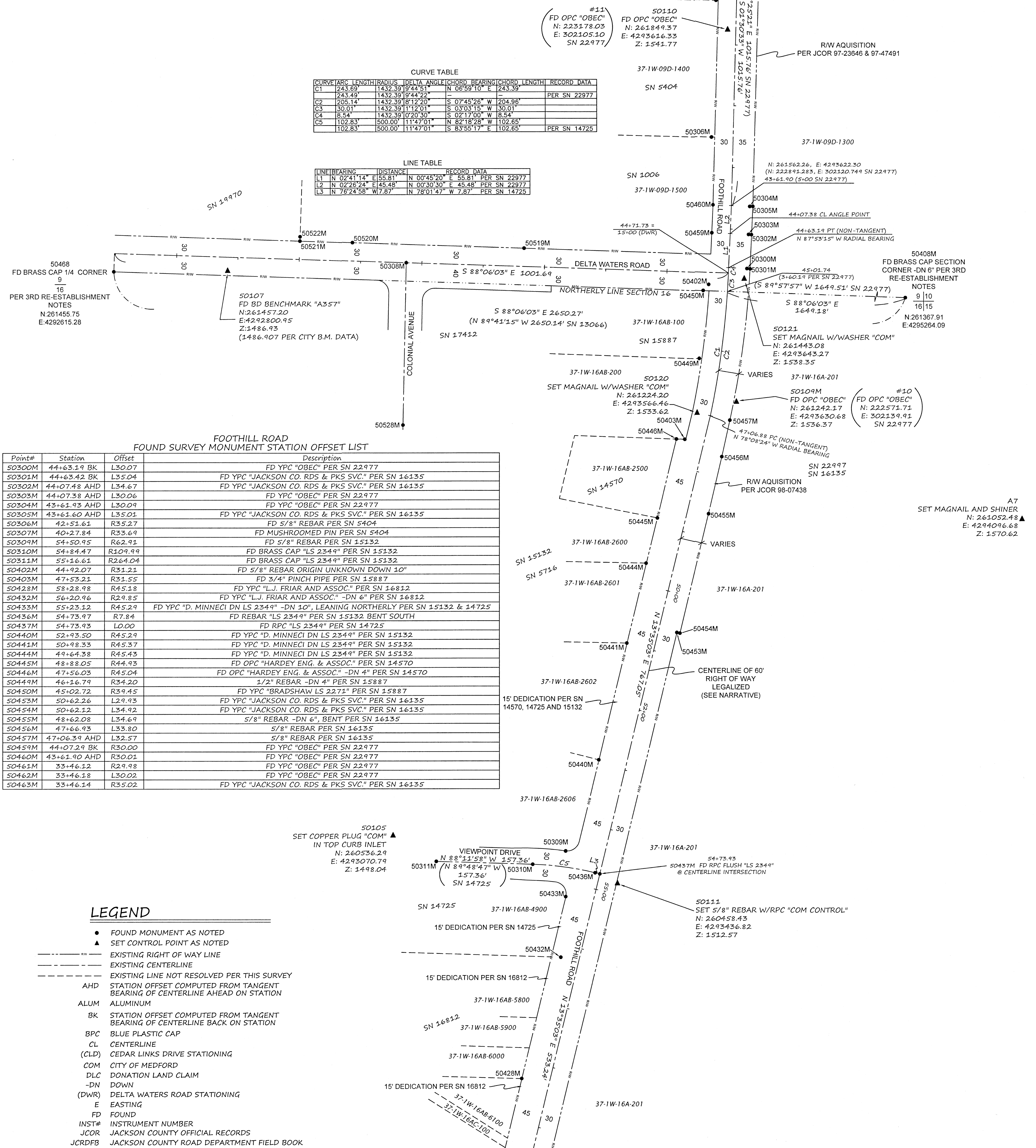
Point#	Station	Offset	Description
50519M	11+65.75	L30.07	FD OPC "BRADSHAW LS 2271" ORIGIN UNKNOWN
50520M	8+85.64	L30.10	FD OPC "BRADSHAW LS 2271" ORIGIN UNKNOWN
50521M	8+00.12	L30.16	FD 5/8" REBAR "NO CAP" PER SN 14970
50522M	8+00.04	L37.20	FD YPC "L.J. FRIAR AND ASSOC" PER SN 14970
50508M	4+74.42	R0.00	FD ALUMINUM CAP "L.J. FRIAR AND ASSOC" PER SN 17412
50528M	4+78.01	R264.94	FD ALUMINUM CAP "L.J. FRIAR AND ASSOC" PER SN 17412
50450M	14+59.93	R29.74	FD YPC "BRADSHAW LS 2271" PER SN 15887
50468	4+98.31	R30.00	FD BRASS CAP 1/4 CORNER 9/16 PER 3RD RE-ESTABLISHMENT NOTES

CURVE TABLE

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH	RECORD DATA
C1	243.69	1432.39	94.451°	N 06°59'10" E	243.39	PER SN 22977
C2	243.49	1432.39	94.422°	-	-	PER SN 22977
C3	205.14	1432.39	81.20°	S 07°45'26" W	204.96	PER SN 22977
C4	30.01	1432.39	112.01°	S 03°03'15" W	30.01	PER SN 22977
C5	8.54	1432.39	020.30°	S 02°17'00" W	8.54	PER SN 22977
C6	102.83	500.00	114.701°	N 82°18'28" W	102.65	PER SN 14725
C7	102.83	500.00	114.701°	N 83°55'17" E	102.65	PER SN 14725

LINE TABLE

LINE	BEARING	DISTANCE	RECORD DATA
L1	N 02°41'14" E	55.81	N 07°45'20" E 55.81 PER SN 22977
L2	N 02°20'24" E	45.48	N 07°30'30" E 45.48 PER SN 22977
L3	N 78°24'58" W	7.87	N 78°01'47" W 7.87 PER SN 14725



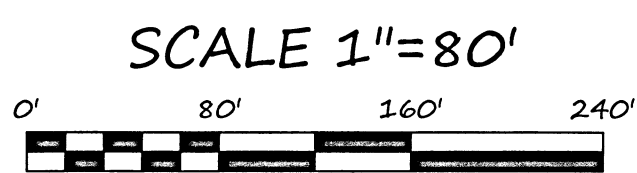
FOOTHILL ROAD  
FOUND SURVEY MONUMENT STATION OFFSET LIST

Point#	Station	Offset	Description
50300M	44+63.19 BK	L30.07	FD YPC "OBEC" PER SN 22977
50301M	44+63.42 BK	L35.04	FD YPC "JACKSON CO. RDS & PKS SVC" PER SN 16135
50302M	44+07.48 AHD	L34.67	FD YPC "JACKSON CO. RDS & PKS SVC" PER SN 16135
50303M	44+07.38 AHD	L30.06	FD YPC "OBEC" PER SN 22977
50304M	43+61.93 AHD	L30.09	FD YPC "OBEC" PER SN 22977
50305M	43+61.60 AHD	L35.01	FD YPC "JACKSON CO. RDS & PKS SVC" PER SN 16135
50306M	42+51.61	R35.27	FD 5/8" REBAR PER SN 5404
50307M	40+27.84	R35.69	FD MUSHROOMED PIN PER SN 5404
50309M	54+50.95	R62.91	FD 5/8" REBAR PER SN 15132
50310M	54+84.47	R109.99	FD BRASS CAP "LS 2349" PER SN 15132
50311M	55+16.61	R264.04	FD BRASS CAP "LS 2349" PER SN 15132
50402M	44+92.07	R31.21	FD 5/8" REBAR ORIGIN UNKNOWN DOWN 10"
50403M	47+53.21	R31.55	FD 3/4" PINCH PIPE PER SN 15887
50428M	58+28.98	R45.18	FD YPC "L.J. FRIAR AND ASSOC." PER SN 16812
50432M	56+20.96	R29.85	FD YPC "L.J. FRIAR AND ASSOC." -DN 6" PER SN 16812
50433M	55+23.12	R45.29	FD YPC "D. MINNECI DN LS 2349" -DN 10", LEANING NORTHERLY PER SN 15132 & 14725
50436M	54+73.97	R7.84	FD REBAR "LS 2349" PER SN 15132 BENT SOUTH
50437M	54+73.93	L0.00	FD RPC "LS 2349" PER SN 14725
50440M	52+93.50	R45.29	FD YPC "D. MINNECI DN LS 2349" PER SN 15132
50441M	50+98.33	R45.37	FD YPC "D. MINNECI DN LS 2349" PER SN 15132
50444M	49+64.38	R45.43	FD YPC "D. MINNECI DN LS 2349" PER SN 15132
50445M	48+88.05	R44.93	FD OPC "HARDEY ENG. & ASSOC." PER SN 14570
50446M	47+56.03	R45.04	FD OPC "HARDEY ENG. & ASSOC." -DN 4" PER SN 14570
50449M	46+16.79	R34.20	1/2" REBAR -DN 4" PER SN 15887
50450M	45+02.72	R39.45	FD YPC "BRADSHAW LS 2271" PER SN 15887
50453M	50+62.26	L29.93	FD YPC "JACKSON CO. RDS & PKS SVC" PER SN 16135
50454M	50+62.12	L34.92	FD YPC "JACKSON CO. RDS & PKS SVC" PER SN 16135
50455M	48+62.08	L34.69	5/8" REBAR -DN 6", BENT PER SN 16135
50456M	47+66.93	L33.80	5/8" REBAR PER SN 16135
50457M	47+06.39 AHD	L32.57	5/8" REBAR PER SN 16135
50459M	44+07.29 BK	R30.00	FD YPC "OBEC" PER SN 22977
50460M	43+61.90 AHD	R30.01	FD YPC "OBEC" PER SN 22977
50461M	33+46.12	R29.98	FD YPC "OBEC" PER SN 22977
50462M	33+46.18	L30.02	FD YPC "OBEC" PER SN 22977
50463M	33+46.14	R35.02	FD YPC "JACKSON CO. RDS & PKS SVC" PER SN 16135

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SEE SHEET 2



REGISTERED PROFESSIONAL LAND SURVEYOR

[Signature]  
 OREGON  
 JANUARY 9, 2007  
 JON M. FROUD  
 77652  
 EXPIRES DECEMBER 31, 2020

CITY OF MEDFORD - SURVEYING DEPARTMENT 200 SOUTH IVY STREET, MEDFORD OREGON 97501		
MONUMENT RECOVERY, CONTROL AND FOOTHILL ROAD LEGALIZATION SURVEY		
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DATE: ZPE	DATE: 7-23-20	P19-00025
SHEET NO:		3 OF 4

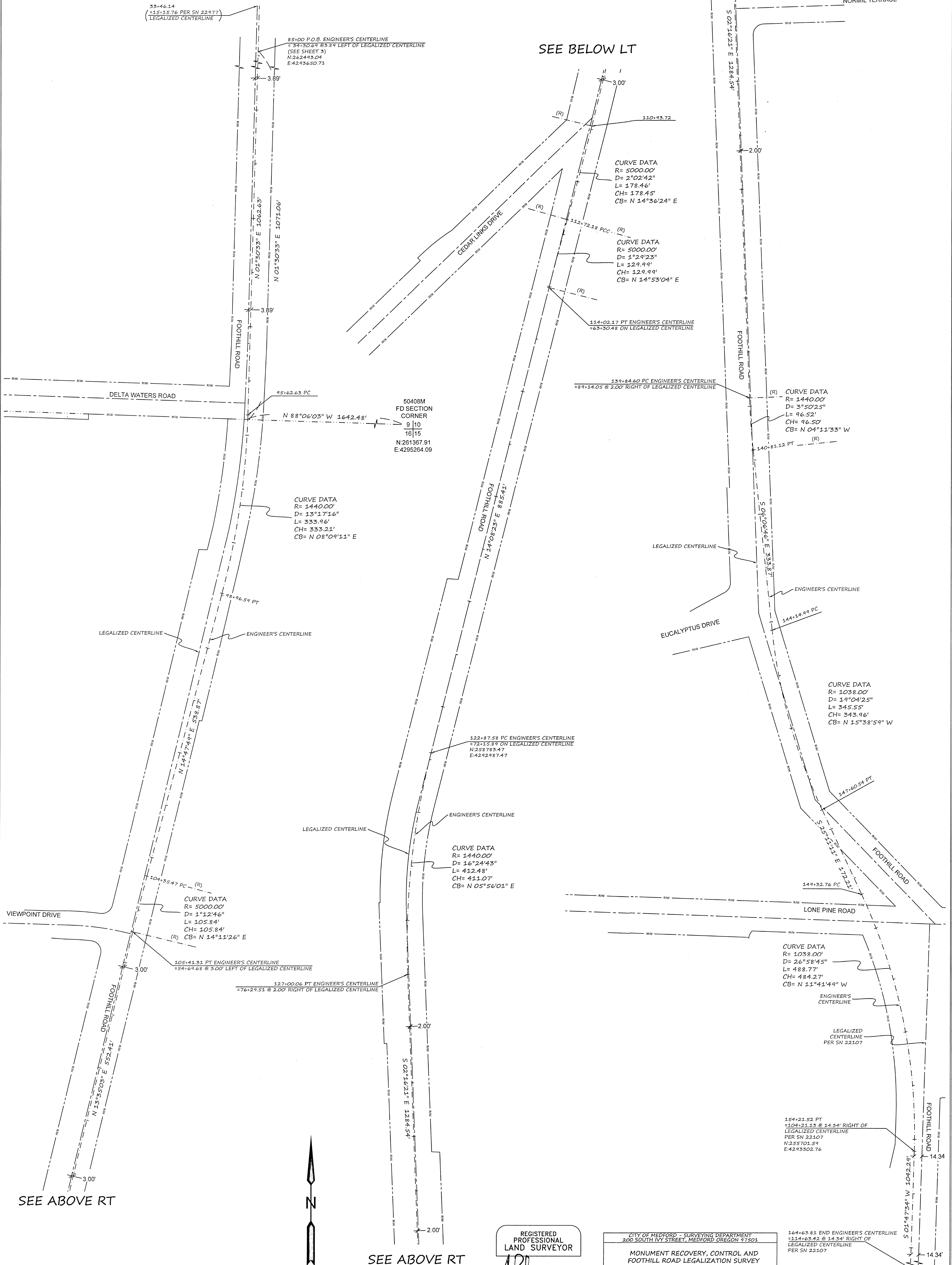
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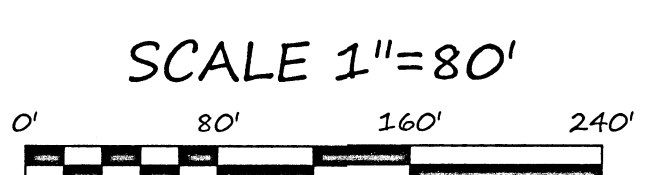


SEE ABOVE RT

SEE ABOVE RT

23127

371W09D, 371W16A, 371W16D, 371W21A

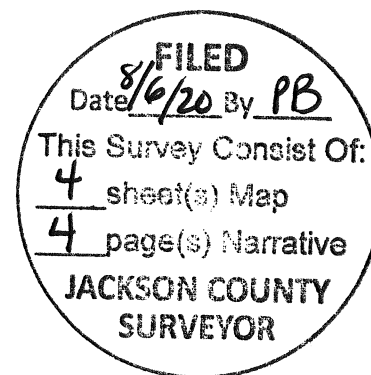


REGISTERED PROFESSIONAL LAND SURVEYOR  
  
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 JON M. PROUD  
 77652  
 EXPIRES DECEMBER 31 2010

CITY OF MEDFORD - SURVEYING DEPARTMENT 200 SOUTH IVY STREET, MEDFORD OREGON 97501		
MONUMENT RECOVERY, CONTROL AND FOOTHILL ROAD LEGALIZATION SURVEY		
DESIGNED BY: SPM	DRAWN BY: 7-23-20	PROJECT NO.: P19-00025
CHECKED BY: ZPE	DATE: 7-23-20	SHEET NO.: 4 OF 4

164+63.81 END ENGINEER'S CENTERLINE  
 =114+63.82 @ 14.34' RIGHT OF LEGALIZED CENTERLINE  
 PER SN 22107

154+21.52 PT  
 =104+21.15 @ 14.34' RIGHT OF LEGALIZED CENTERLINE  
 PER SN 22107  
 N:255701.59  
 E:4243302.76



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

**(Map of Survey attached hereto)**

**Survey for:**

Engineering section of City of Medford Public Works Department 200 S. Ivy Street 97501, Project number P19-00025

And Jackson County Roads, 200 Antelope Road, White City, Oregon 97503 (Legalization portion)

**Survey by:**

Survey section of City of Medford Public Works Department 200 S. Ivy Street 97501.

**Location:**

Located within the Northeast one quarter of Section 21, the East one-half of Section 16, and the Southeast one quarter of Section 9 all in Township 37 South Range 1 West of the Willamette Meridian, Jackson County, Oregon.

**Purpose:**

1. To survey the 60' strip of land described and legalized by Jackson County per ORS 368.201-368.221 and ordered by Jackson County Board of Commissioners order number 113-20 dated July 8<sup>th</sup> 2020 and recorded in Jackson County Official Records as document number 2020-025165 dated July 20<sup>th</sup> 2020.
2. To survey and document the location of existing survey monuments of record in lieu of replacement of monuments that may be destroyed during the re-construction and realignment of Foothill Road between Lone Pine Road on the south and approximately 600' north of Delta Waters Road on the north in accordance with ORS 215.155.
3. To survey and establish survey control to be used in a post construction survey or report of survey as required by ORS 209.155. Said survey control will also be utilized in controlling the real property acquisitions and construction of street improvements currently being designed and engineered.
4. To map and report the "Engineers Centerline" to be used for creating real property land descriptions for property acquisitions needed for said re-construction and realignment of the road.

**Procedure:**

This segment of Foothill Road has been added to City of Medford project number P-1825 and is a continuation of Foothill Road surveyed and legalized per filed surveys 22107 and 22085 filed in Jackson County surveyor's office in 2016.

The control network from said surveys was extended northerly via static GNSS network with secondary control via real time kinematic (RTK) redundant measurements. Vertical control was established via digital levels and a closed level loop from Control Point 70 shown on survey number 22107.

**Resolution of Legalization of Foothill Road north of Lone Pine Road:**

Foothill Road was legally established by law according to Jackson County Road Records Volume 1 Page 137 dated August 17, 1869, and as an unnamed 60' road as platted per Stewart Acres Subdivision recorded December 15, 1909 in volume 13 page 43 of Jackson County Commissioners Journals. The 1869 Road Records did not give a road width, therefore, utilizing "Road Establishment Laws" prepared by the Association of Oregon Counties, I determined the width to be 60' in the area proposed for Legalization.

Station 99+89.69 C.L. Intersection Lone Pine Road northerly to Station 75+18.34 P.C.

This portion of the legalization is a retracement of said Stewart Acres Subdivision right of way. This retracement relies on survey monuments set by survey numbers 14068, 15913, 19455. Utilizing monuments identified with point numbers 50325m, 50327m, 50328m, 50329m, 50330m and 50385m as being on the original westerly right of way line of Foothill Road (30' offset) or referenced to said right of way. Lines formed by connecting found monuments were intersected to form the westerly right of way. This line was then offset easterly 30 and 60 feet and the tangents lengthened or shortened to form centerline and easterly 60' right of way being legalized. This resolution fits other found monuments on the right of way reasonably as can be observed from tables on map sheets.

Station 75+18.34 P.C. northerly to Station 60+07.18 C.L. intersection with Cedar Links Drive

Foothill Road location separates from Stewart Acres Subdivision location at 75+18 and begins to follow an alignment that has been shown on Jackson County Road departments "Roll Map 14/4" and supported by survey notes from Jackson County Road Department Field books (JCRDFB) dated from 1938- 1952. From review of private property deeds adjoining Foothill Road in this segment it is apparent that the Scribner's utilized said roll map and survey notes when creating properties that abut the road in this segment.

To resolve the curve and northerly tangent I found the original iron pin (point number 50471m) set per JCRDFB dated in 1952 at the centerline intersection of Foothill Road and Cedar Links Drive (aka Roberts Road) and held point identified as number 50386m from survey number 19455 as a 50' offset to centerline. From this northerly tangent and the southerly tangent discussed above I created a point of intersection and created a curve holding the record radius (716.20') from said roll map. The resolved centerline was then offset 30' easterly and westerly to form the 60' right of way legalized. Once again this resolution fits other found monuments on the right of way(s) reasonably as can be observed from tables on map sheets.

Station 60+07.18 C.L. intersection with Cedar Links Drive northerly to Station 47+06.88 P.C.

This segment like the segment above, closely follows JCRDFB notes dated in 1952 as the Roll Map depiction ends at Cedar Links Drive. As described above, the segment follows private property deeds. Survey number 3901 and 5716 (dated 1-6-69 and corrected 7/24/74) surveyed location of road has been perpetuated and accepted for land divisions along the west side of this segment.

To resolve this segment the found iron pin at 60+07.18 was held and the found iron pin at 54+73.93 per survey number 14725 were held to create the centerline. Following the survey procedures utilized in surveys 14570, 15132 and 15887 this line was extended northerly to 47+06.88 P.C. The resolved centerline was then offset 30' easterly and westerly to form the 60' right of way legalized. This resolution fits other found monuments on the right of way(s) reasonably as can be observed from tables on map sheets, excluding found monuments with point numbers 50455m, 50456m, and 50457m which are explained in the next segment to the north.

Station 47+06.88 P.C. northerly to Station 45+01.74 C.L. at north line of section 16 and the end of this legalization

This segment breaks away from said JCRDFB notes road location and utilizes survey number 22977 geometry (curve radius, northerly tangent) to transition to the existing legalization completed to the north and mapped on said survey. This centerline is then offset 30' easterly and westerly to form the 60' right of way legalized.

The monuments set per survey 16135 on the east (50455m, 50456m, and 50457m) do not report on this survey as being at 35' easterly of centerline as depicted on surveys 16135 and 22977. This is because of the difference in the southerly tangent and the fact that I wanted to preserve the historical southerly tangent location of the road as far as possible to the north for this road legalization. The monuments do closely match the 35' right of way based on the centerline described and mapped on survey 16135 and can be verified by data on survey 22977.

The monuments within this segment set per survey 15887 on the west do not report on this survey as being at the 30' right of way line. This is because of the transition being made to the existing legalization to the north. That legalization and survey number 22977 did not consider the historical location of the road per survey 15877/ 5404 and utilized alignment shown on survey 16135.

Station 45+01.74 C.L. at north line of section 16 and the end of this legalization northerly to Station 33+46.14

This segment is not part of the legalization of Foothill Road but was surveyed to verify survey number 22977 and to join the City of Medford's mapping to Jackson County's portion of Foothill Road as surveyed and legalized per survey number 22977.

The information depicted on survey 22977 was computed based on the coordinate system and basis of bearings given on said survey. That information was then transformed to the City of Medford's controlling coordinate system and basis of bearing. This transformation was based on found control point number 11 from survey 22977 and measured as point number 50110 then rotated through found control point number 10 of survey number 22977 as measured as 50109m. This procedure closely fit



the other set and found monuments reported on survey number 22977 along with the centerline geometry reported as can be observed on the map sheet and found monument report list for this area.

**Resolution of Lone Pine Road:**

Lone Pine Road centerline is resolved by holding existing found centerline monuments as depicted. The right of ways are offset as depicted.

**Resolution of Cedar Links Dr.:**

The iron pin found (point number 50471m) was held as the centerline intersection and best a fit line was computed based on found monuments on the north side of the road. These monuments were utilized for the direction of the road which closely matches the 1952 JCRRFB notes.

**Resolution of Delta Waters Road:**

The north line of section 16 was held as measured between found points 50408m and 50468 and offset 30' per Commissioners Journals, volume 25 pages 495-496 which fit existing monument's.

**Basis of Bearing:**

Oregon State Plane system, South Zone per survey 22107. Grid bearing as measured along Foothill Road between point 202m at Hillcrest Road and 246m at Lone Pine Road as North 01°47'34" East.

**Notes:**

The coordinates listed on the attached map resemble Oregon State Plane Coordinates and could be used for GIS purposes. They are not Oregon State Plane Coordinates and should be considered a local datum plane coordinate system (ground).

The field work utilized Trimble robotic total station, GNSS receivers and digital level.

A diligent search was made for monuments of record within the area of concern. Found monuments were reported as noted on the map sheets.

**Date of survey:**

Work began in 2015 as stated on survey number 22107 and was expanded in January of 2020 to the area depicted on this map. All control set and monuments reported on this map was were measured between January and July of 2020.

