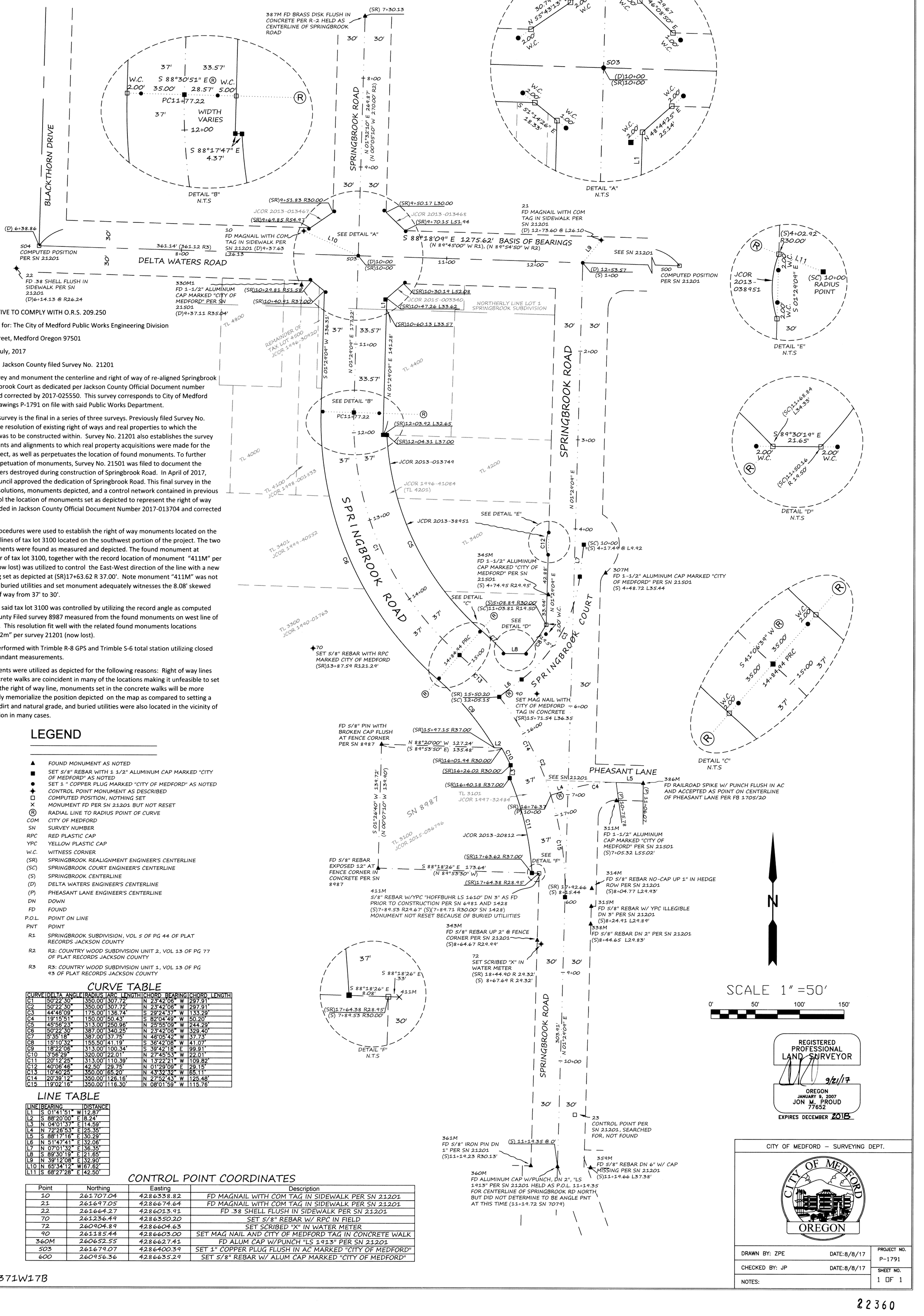
22360

MAP OF SURVEY

SPRINGBROOK ROAD RE-ALIGNMENT AT DELTA WATERS ROAD LOCATED IN THE SOUTHWEST 1/4 OF SECTION 8, AND THE NORTHWEST 1/4 SECTION 17, TOWNSHIP 37 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN, IN THE CITY OF MEDFORD, JACKSON COUNTY, OREGON

** RECEIVED **
DATE 9/22/17 BY MB
This survey consists of:
1 sheet(s) Map
0 page(s) Narrative
JACKSON COUNTY SURVEYOR



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

Surveyed by and for: The City of Medford Public Works Engineering Division

200 South Ivy Street, Medford Oregon 97501

Date of Survey: July, 2017

Basis of Bearing: Jackson County filed Survey No. 21201

Purpose: To Survey and monument the centerline and right of way of re-aligned Springbrook Road and Springbrook Court as dedicated per Jackson County Official Document number 2017-013704 and corrected by 2017-025550. This survey corresponds to City of Medford Improvement drawings P-1791 on file with said Public Works Department.

Procedure: This survey is the final in a series of three surveys. Previously filed Survey No. 21201 depicts the resolution of existing right of ways and real properties to which the re-aligned road was to be constructed within. Survey No. 21201 also establishes the survey control monuments and alignments to which real property acquisitions were made for the realignment project, as well as perpetuates the location of found monuments. To further continue the perpetuation of monuments, Survey No. 21501 was filed to document the resetting of corners destroyed during construction of Springbrook Road. In April of 2017, Medford City Council approved the dedication of Springbrook Road. This final survey in the series utilizes resolutions, monuments depicted, and a control network contained in previous surveys to control the location of monuments set as depicted to represent the right of way dedication recorded in Jackson County Official Document Number 2017-013704 and corrected by 2017-025550.

The following procedures were used to establish the right of way monuments located on the north and south lines of tax lot 3100 located on the southwest portion of the project. The two westerly monuments were found as measured and depicted. The found monument at southwest corner of tax lot 3100, together with the record location of monument "411M" per survey 21201 (now lost) was utilized to control the East-West direction of the line with a new monument being set as depicted at (SR)17+63.62 R 37.00'. Note monument "411M" was not reset because of buried utilities and set monument adequately witnesses the 8.08' skewed jog in the right of way from 37' to 30'.

The north line of said tax lot 3100 was controlled by utilizing the record angle as computed from Jackson County Filed survey 8987 measured from the found monuments on west line of said tax lot 3100. This resolution fit well with the related found monuments locations of "411m and 412m" per survey 21201 (now lost).

This work was performed with Trimble R-8 GPS and Trimble S-6 total station utilizing closed traverses or redundant measurements.

Witness monuments were utilized as depicted for the following reasons: Right of way lines and edge of concrete walks are coincident in many of the locations making it unfeasible to set a monument on the right of way line, monuments set in the concrete walks will be more stable and reliably memorialize the position depicted on the map as compared to setting a metal rod in the dirt and natural grade, and buried utilities were also located in the vicinity of monument location in many cases.

LEGEND

▲	FOUND MONUMENT AS NOTED
■	SET 5/8" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "CITY OF MEDFORD" AS NOTED
●	SET 1 " COPPER PLUG MARKED "CITY OF MEDFORD" AS NOTED
✦	CONTROL POINT MONUMENT AS DESCRIBED
□	COMPUTED POSITION, NOTHING SET
×	MONUMENT FD PER SN 21201 BUT NOT RESET
Ⓡ	RADIAL LINE TO RADIUS POINT OF CURVE
COM	CITY OF MEDFORD
SN	SURVEY NUMBER
RPC	RED PLASTIC CAP
YPC	YELLOW PLASTIC CAP
W.C.	WITNESS CORNER
(SR)	SPRINGBROOK REALIGNMENT ENGINEER'S CENTERLINE
(SC)	SPRINGBROOK COURT ENGINEER'S CENTERLINE
(S)	SPRINGBROOK CENTERLINE
(D)	DELTA WATERS ENGINEER'S CENTERLINE
(P)	PHEASANT LANE ENGINEER'S CENTERLINE
DN	DOWN
FD	FOUND
P.O.L.	POINT ON LINE
PNT	POINT
R1	SPRINGBROOK SUBDIVISION, VOL 5 OF PG 44 OF PLAT RECORDS JACKSON COUNTY
R2	R2: COUNTRY WOOD SUBDIVISION UNIT 2, VOL 13 OF PG 77 OF PLAT RECORDS JACKSON COUNTY
R3	R3: COUNTRY WOOD SUBDIVISION UNIT 1, VOL 13 OF PG 93 OF PLAT RECORDS JACKSON COUNTY

CURVE TABLE

CURVE	DELTA ANGLE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	50°22'30"	350.00'	307.72'	N 23°42'06" W	297.91'
C2	50°22'30"	350.00'	307.72'	N 23°42'06" W	297.91'
C3	44°46'09"	175.00'	136.74'	S 29°24'37" W	133.29'
C4	19°15'51"	150.00'	50.43'	S 82°04'49" W	50.20'
C5	45°56'23"	313.00'	250.96'	N 25°55'09" W	244.29'
C6	50°22'30"	387.00'	340.25'	N 23°42'06" W	329.40'
C7	5°35'18"	387.00'	37.75'	N 46°05'42" W	37.73'
C8	15°10'32"	155.50'	41.19'	S 36°42'08" W	41.07'
C9	18°22'06"	313.00'	100.34'	S 39°42'18" E	99.91'
C10	3°56'29"	320.00'	22.01'	N 27°45'53" W	22.01'
C11	20°12'25"	313.00'	110.39'	N 13°22'21" W	109.82'
C12	40°06'46"	42.50'	29.75'	N 01°29'09" E	29.15'
C13	10°40'25"	350.00'	65.20'	N 43°32'32" W	65.11'
C14	20°39'12"	350.00'	126.16'	N 27°52'43" W	125.48'
C15	19°02'16"	350.00'	116.30'	N 08°01'59" W	115.76'

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 01°41'51" W	12.87'
L2	S 88°20'00" E	8.24'
L3	N 04°01'37" E	14.59'
L4	N 72°26'53" E	25.35'
L5	S 88°17'16" E	30.29'
L6	N 51°47'41" E	32.06'
L7	N 07°01'32" E	36.35'
L8	S 89°30'19" E	21.65'
L9	N 39°12'08" E	32.90'
L10	N 65°34'12" W	67.62'
L11	S 68°27'28" E	42.50'

CONTROL POINT COORDINATES

Point	Northing	Easting	Description
10	261707.04	4286338.82	FD MAGNAIL WITH COM TAG IN SIDEWALK PER SN 21201
21	261697.05	4286674.64	FD MAGNAIL WITH COM TAG IN SIDEWALK PER SN 21201
22	261664.27	4286013.91	FD .38 SHELL FLUSH IN SIDEWALK PER SN 21201
70	261236.49	4286350.20	SET 5/8" REBAR W/ RPC IN FIELD
72	260904.89	4286604.63	SET SCRIBED "X" IN WATER METER
90	261185.44	4286603.00	SET MAG NAIL AND CITY OF MEDFORD TAG IN CONCRETE WALK
360M	260652.55	4286627.41	FD ALUM CAP W/PUNCH "LS 1913" PER SN 21201
503	261679.07	4286400.39	SET 1" COPPER PLUG FLUSH IN AC MARKED "CITY OF MEDFORD"
600	260956.36	4286635.29	SET 5/8" REBAR W/ ALUM CAP MARKED "CITY OF MEDFORD"

REGISTERED PROFESSIONAL LAND SURVEYOR
3/2/17
OREGON JANUARY 9, 2007 JON M. PROUD 77652
EXPIRES DECEMBER 2018

CITY OF MEDFORD – SURVEYING DEPT.

DRAWN BY: ZPE	DATE:8/8/17	PROJECT NO. P-1791
CHECKED BY: JP	DATE:8/8/17	SHEET NO. 1 OF 1
NOTES:		

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371W08C,371W17B

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