NARRATIVE:

——THE PURPOSE OF THIS SURVEY WAS TO RESOLVE THE RIGHT OF WAY LINES OF MISSOURI AVENUE AND HIGHWAY 47 AS SHOWN AT THE REQUEST OF THE VERNONIA ADMINISTRATIVE SCHOOL DISTRICT 47J.

——THE BEARINGS ARE GEODETIC AND WERE BASED ON GPS OBSERVATIONS TAKEN AT A POINT LYING N 47°34'06" W 1856.44' FROM COLUMBIA 02, HAVING A OF LATITUDE 45°51'37.65" NORTH, LONGITUDE 123°10'44.16" WEST. THE CONVERGENCE ANGLE (FROM OREGON STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD83) AT SAID POINT IS -01°53'59.5". DISTANCES SHOWN ARE GROUND DISTANCES.

——FOR CONTROL I HELD THE MONUMENTS OF RECORD AS SHOWN AND NOTED IN THE MONUMENTS NOTES.

HIGHWAY 47:
—— I HELD THE RESOLUTION OF THE CENTERLINE OF HIGHWAY 47 PER CS NO. 5024 ROTATED COUNTERCLOCKWISE 01°53'40" BETWEEN COLUMBIA 02 AND ODOT CONTROL POINT 1021 (MONUMENT NO. 714). THE RECORD BEARING AND DISTANCE BETWEEN MONUMENTS IS N 81°14'37" W 1969.21' AND MY MEASURED BEARING AND DISTANCE IS N 83°08'17" W 1969.18'.

MISSOURI AVENUE:
—— I HELD RECOVERED ORIGINAL PLAT MONUMENTS FROM OREGON AMERICAN SUBDIVISION AND 1ST ADDITION TO OREGON AMERICAN SUBDIVISION. I HELD THE PLATED RADIUS OF THE CURVES AND A 50.00' RIGHT OF WAY WIDTH.

MONUMENT NOTES:

(74) & (75)
FOUND A 1" BRASS DISC IN CURB PER BEARING TREE BOOK D, PAGE 34. (HELD TO COMPUTE 1/4 CORNER)

(713)
FOUND A 5/8" IRON ROD WITH A YELLOW PLASTIC CAP MARKED "RUSSELL PLS 707" PER CS NO. 3413, THE ROD LIES AT STATION 24+12.34 AND RIGHT 29.34'

(714)
SW CORNER OF LOT 1, BLOCK 5, OREGON AMERICAN SUBDIVISION
FOUND A 1/2" IRON PIPE PER OREGON AMERICAN SUBDIVISION, THE PIPE LIES AT STATION 25+35.25 AND LEFT 30.12'

(715)
NW CORNER OF LOT 2, BLOCK 7, OREGON AMERICAN SUBDIVISION
FOUND A 1/2" IRON PIPE PER OREGON AMERICAN SUBDIVISION, THE PIPE LIES AT STATION 29+43.47 AND RIGHT 32.41'

(716)
NE CORNER OF LOT 2, BLOCK 7, OREGON AMERICAN SUBDIVISION
FOUND A 1/2" IRON PIPE PER OREGON AMERICAN SUBDIVISION, THE PIPE LIES AT STATION 30+02.84 AND RIGHT 31.10'

(718)
FOUND A 5/8" IRON ROD WITH A YELLOW PLASTIC CAP MARKED "RUSSELL PLS 707" PER CS NO. 3413, THE ROD LIES AT STATION 34+58.53 AND RIGHT 28.04', A 7/8" IRON ROD WITH PUNCH OF UNKNOWN ORIGIN LIES S 55°38'50" E 1.73'

(720)
FOUND A 5/8" IRON ROD WITH A YELLOW PLASTIC CAP MARKED "KEENON LS 1080" PER CS NO. L-2002, THE ROD LIES AT STATION 35+65.17 AND RIGHT 28.37'

(935)
FOUND A BENT 1/2" IRON PIPE, PER OREGON AMERICAN SUBDIVISION, THE PIPE LIES S 04°55'52" W 2.36 FEET FROM THE COMPUTED INTERSECTION OF HWY 47 AND MISSOURI AVENUE RIGHT OF WAYS, AND AT STATION 28+96.79 AND LEFT 27.60'

LEGEND:

● = MONUMENT FOUND AS NOTED

◉ = FOUND A 5/8" IRON ROD PER 1ST ADDITION TO OREGON AMERICAN SUBDIVISION (HELD, UNLESS OTHERWISE NOTED)

⊛ = FOUND A 5/8" IRON ROD WITH A Y.P.C. MARKED "K.L.S. SURVEYING INC", PER CS 5767 (HELD)

( ) = RECORD SURVEY DATA

CS NO. = SURVEY NUMBER, COLUMBIA COUNTY SURVEY RECORDS

Y.P.C. = YELLOW PLASTIC CAP

◯ = MONUMENT POINT NUMBER (SEE MONUMENT NOTES)

OREGON AMERICAN SUBDIVISION

FIRST ADDITION TO OREGON AMERICAN SUBDIVISION

TEXAS AVENUE

MISSOURI AVENUE

SEE SHEET 2 FOR MISSOURI AVENUE

3 CALCULATED 1/4 CORNER COMMON TO SECTIONS 3 & 4

N 36°35'50" W 36.09'
12(N 36°29'12" W 36.11')

S 10°18'17" E 8.46'
12(S 10°11'41" E 8.47')

1/4 CORNER STA 39+98.60 1.21 R

1" = 50'

BRIDGE STREET (HWY 47)

LAKEVIEW DRIVE

LAKEVIEW

Δ = 19°52'00"
R = 716.96
L = 248.60
CHORD = S 86°02'42" E 247.35'

Δ = 1°26'00"
R = 5725.05
L = 143.22
CHORD = N 83°18'18" E 143.22'

Δ = 13°41'00"
R = 1432.46
L = 342.10
CHORD = N 89°25'48" E 341.29'

Δ = 1°15'00"
R = 5729.57
L = 125.00
CHORD = S 83°06'12" E 125.00'

Δ = 9°38'00"
R = 1146.11
L = 192.70
CHORD = S 87°17'31" E 192.47'

SEE DETAIL ABOVE FOR 1/4 CORNER

S 78°06'42" E
8(S 76°13'11" E)

N 84°01'18" E
8(N 85°54'49" E)

N 82°35'18" E
8(N 84°28'49" E)

CL/CL = 28+71.71

S 83°43'42" E
8(S 81°50'11" E)

S 82°28'42" E
8(S 80°35'11" E)

S 80°28'38" E 633.45'

OREGON AMERICAN SUBDIVISION

"MR4" 20+76.20 PC
"MR4" 23+24.79 PT
"MR4" 23+67.43 PC
"MR4" 25+10.65 PT
"MR4" 25+93.99 PC
"MR4" 29+38.09 PT
"MR4" 33+90.29 PC
"MR4" 35+15.29 PT
"MR4" 38+69.79 PC
40+62.49 PT

COLUMBIA 02
FOUND A 3/4" IRON PIPE WITH A 2 1/2" BRASS CAP PER CS NO. 4369

REFERENCE SURVEYS:

1 = CS NO. L-140
2 = CS NO. L-2002
3 = CS NO. 1471
4 = CS NO. 3413
5 = CS NO. 4039
6 = CS NO. 4166
7 = CS NO. 4201
8 = CS NO. 5024
9 = PARTITION PLAT NO. 1997-26
10 = OREGON AMERICAN SUBDIVISION (PLAT BOOK 3, PAGE 1)
11 = 1ST ADDITION TO OREGON AMERICAN SUBDIVISION (PLAT BOOK 3, PAGE 15)
12 = BEARING TREE BOOK D, PAGE 34
13 = CS 5767

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
JANUARY 19, 1993
DONALD D WALLACE JR
2601
RENEWAL DATE 6/30/12

K.L.S. SURVEYING INC.
1224 ALDER STREET
VERNONIA, OR 97064
(503)429-6115

BOUNDARY SURVEY
VERNONIA SCHOOL DISTRICT 47J
IN THE NE 1/4 OF SECTION 4,
T4N, R4W, W.M.,
CITY OF VERNONIA,
COLUMBIA COUNTY, OREGON
SCALE 1" = 100'   FEBRUARY 17, 2011

SHEET 1 OF 2

Columbia County Surveyor
Received 5/2/11
Filed 5/4/11
CS# 5783

DRAWN BY: DDW/BTF | FIELD: SND/BTF/TEB/DDW | EQUIPMENT: HYPER GA | JOB No. 09-058 ODOT | PROJECT No. 09-058 ODOT | REVISED: 3/3/2011

CURVE TABLE							RECORD DATA		
CURVE	DELTA	LENGTH	RADIUS	BEARING	CHORD		DELTA	LENGTH	RADIUS
C1	44°13'12"	254.17'	329.33'	S 29°34'03" W	247.91'		44°13'08"		329.33'
C2	46°45'00"	110.56'	135.50'	S 28°18'09" W	107.52'		46°44'53"		135.50'
C3	5°12'26"	27.66'	304.33'	S 10°03'40" W	27.65'		5°12'	27.62'	304.33'
C4	19°30'47"	103.65'	304.33'	S 22°25'17" W	103.15'		19°31'	103.66'	304.33'
C5	19°29'58"	103.57'	304.33'	S 41°55'40" W	103.07'		19°30'08"	103.59'	304.33'
C6	23°41'52"	66.38'	160.50'	S 39°49'43" W	65.91'		23°42'12"	66.40'	160.50'
C7	23°03'08"	64.58'	160.50'	S 16°27'13" W	64.14'		23°02'41"	64.55'	160.50'
C8	82°21'30"	158.84'	110.50'	S 46°06'24" W	145.51'		82°18'45"	158.75'	110.50'
C9	2°01'15"	3.90'	110.50'	S 88°17'47" W	3.90'		2°04'	3.99'	110.50'
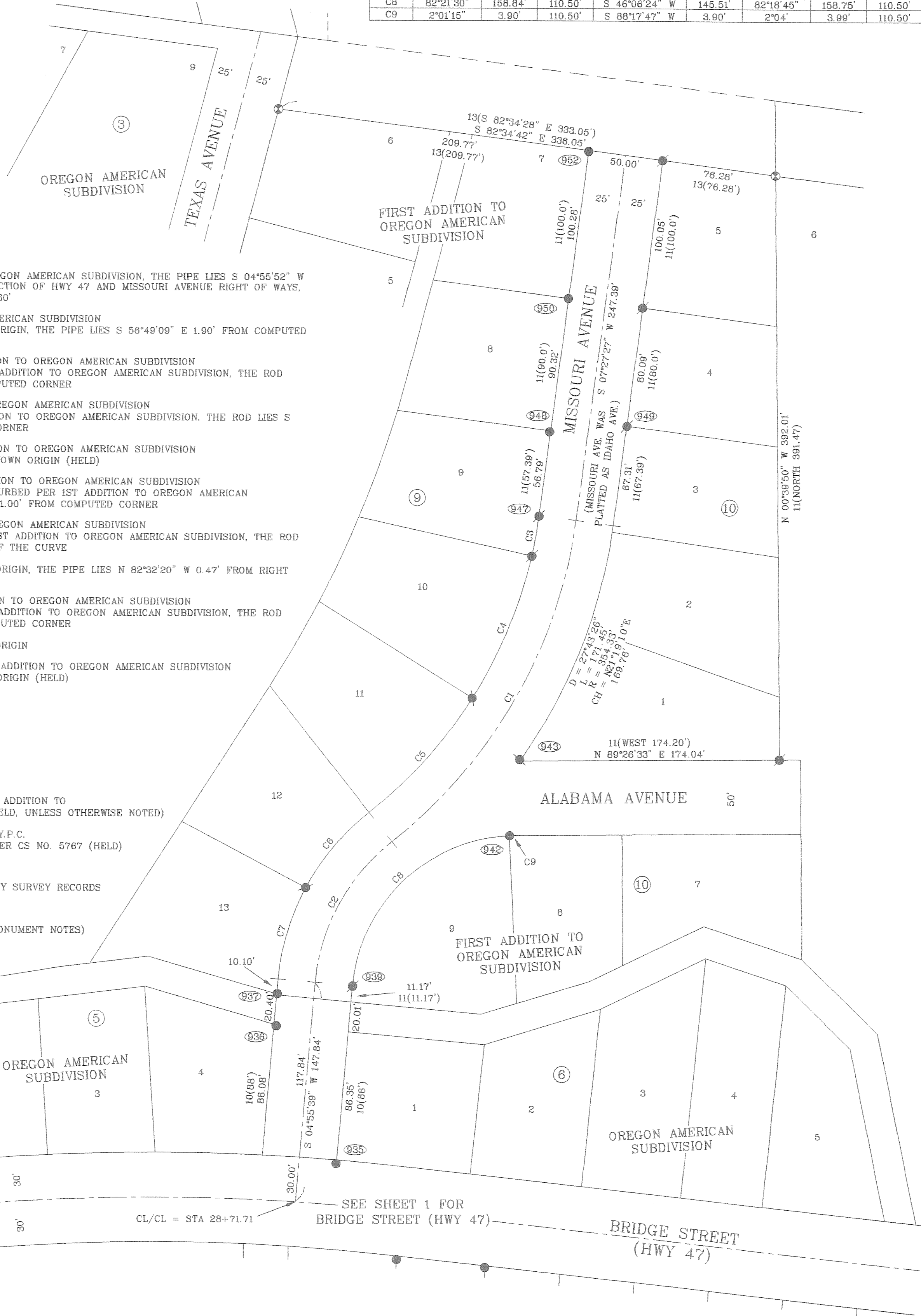
MONUMENT NOTES:

(935)
FOUND A BENT 1/2" IRON PIPE, PER OREGON AMERICAN SUBDIVISION, THE PIPE LIES S 04°55'52" W 2.36 FEET FROM THE COMPUTED INTERSECTION OF HWY 47 AND MISSOURI AVENUE RIGHT OF WAYS, AND AT STATION 28+96.79 AND LEFT 27.60'

(936)
NE CORNER LOT 4, BLOCK 5, OREGON AMERICAN SUBDIVISION
FOUND A 1/2" IRON PIPE OF UNKNOWN ORIGIN, THE PIPE LIES S 56°49'09" E 1.90' FROM COMPUTED CORNER

(937)
SE CORNER LOT 13, BLOCK 9, 1ST ADDITION TO OREGON AMERICAN SUBDIVISION
FOUND BENT A 5/8" IRON ROD PER 1ST ADDITION TO OREGON AMERICAN SUBDIVISION, THE ROD LIES N 59°13'50" E 0.48' FROM THE COMPUTED CORNER

(939)
PT LOT 9, BLOCK 10, 1ST ADDITION TO OREGON AMERICAN SUBDIVISION
FOUND A 5/8" IRON ROD PER 1ST ADDITION TO OREGON AMERICAN SUBDIVISION, THE ROD LIES S 16°14'39" E 0.14' FROM THE COMPUTED CORNER

(942)
NE CORNER LOT 9, BLOCK 10, 1ST ADDITION TO OREGON AMERICAN SUBDIVISION
FOUND A 1" IRON PIPE UP 0.7'. OF UNKNOWN ORIGIN (HELD)

(943)
SW CORNER LOT 1, BLOCK 10, 1ST ADDITION TO OREGON AMERICAN SUBDIVISION
FOUND A 5/8" IRON ROD BENT AND DISTURBED PER 1ST ADDITION TO OREGON AMERICAN SUBDIVISION, THE ROD LIES N 06°11'53"W 1.00' FROM COMPUTED CORNER

(947)
PC LOT 9, BLOCK 9, 1ST ADDITION TO OREGON AMERICAN SUBDIVISION
FOUND DISTURBED 5/8" IRON ROD PER 1ST ADDITION TO OREGON AMERICAN SUBDIVISION, THE ROD LIES S 16°59'59" E 0.33' FROM THE PC OF THE CURVE

(948)
FOUND A 1/2" IRON PIPE, OF UNKNOWN ORIGIN, THE PIPE LIES N 82°32'20" W 0.47' FROM RIGHT OF WAY

(949)
SW CORNER LOT 4, BLOCK 9, 1ST ADDITION TO OREGON AMERICAN SUBDIVISION
FOUND BENT A 5/8" IRON ROD PER 1ST ADDITION TO OREGON AMERICAN SUBDIVISION, THE ROD LIES S 82°34'58" E 0.22' FROM THE COMPUTED CORNER

(950)
FOUND A 1/2" IRON PIPE, OF UNKNOWN ORIGIN

(952)
NORTHEAST CORNER LOT 7 BLOCK 9, 1ST ADDITION TO OREGON AMERICAN SUBDIVISION
FOUND A 3/4" IRON PIPE, OF UNKNOWN ORIGIN (HELD)

LEGEND:

● = MONUMENT FOUND AS NOTED

= FOUND A 5/8" IRON ROD PER 1ST ADDITION TO OREGON AMERICAN SUBDIVISION (HELD, UNLESS OTHERWISE NOTED)

= FOUND A 5/8" IRON ROD WITH A Y.P.C. MARKED "K.L.S. SURVEYING INC", PER CS NO. 5767 (HELD)

( ) = RECORD SURVEY DATA

CS NO. = SURVEY NUMBER, COLUMBIA COUNTY SURVEY RECORDS

Y.P.C. = YELLOW PLASTIC CAP

⬭ = MONUMENT POINT NUMBER (SEE MONUMENT NOTES)

OREGON AMERICAN SUBDIVISION

TEXAS AVENUE

MISSOURI AVENUE (MISSOURI AVE WAS PLATTED AS IDAHO AVE.)

FIRST ADDITION TO OREGON AMERICAN SUBDIVISION

ALABAMA AVENUE

OREGON AMERICAN SUBDIVISION

SEE SHEET 1 FOR BRIDGE STREET (HWY 47)

BRIDGE STREET (HWY 47)

CL/CL = STA 28+71.71

13(S 82°34'28" E 333.05')
S 82°34'42" E 336.05'
209.77'
13(209.77')
S 07°27'27" W 247.39'
N 00°39'50" W 392.01'
11(NORTH 391.47')
11(WEST 174.20')
N 89°26'33" E 174.04'
D = 27°43'26"
L = 171.45'
R = 354.33'
CH = N 21°47'10" E
169.78'
S 04°55'39" W 147.84'
86.35'
10(88')
30.00'

REFERENCE SURVEYS:

1 = CS NO. L-140
2 = CS NO. L-2002
3 = CS NO. 1471
4 = CS NO. 3413
5 = CS NO. 4039
6 = CS NO. 4166
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VERNONIA SCHOOL DISTRICT 47J
IN THE NE 1/4 OF SECTION 4,
T4N, R4W, W.M.,
CITY OF VERNONIA,
COLUMBIA COUNTY, OREGON
SCALE 1" = 100'   FEBRUARY 17, 2011

SHEET 2 OF 2

Columbia County Surveyor
Received 5/2/11
Filed 5/4/11
CS# 5783