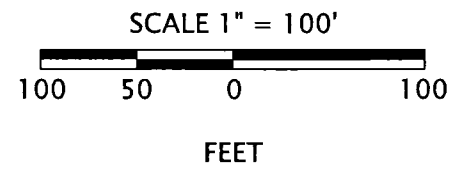
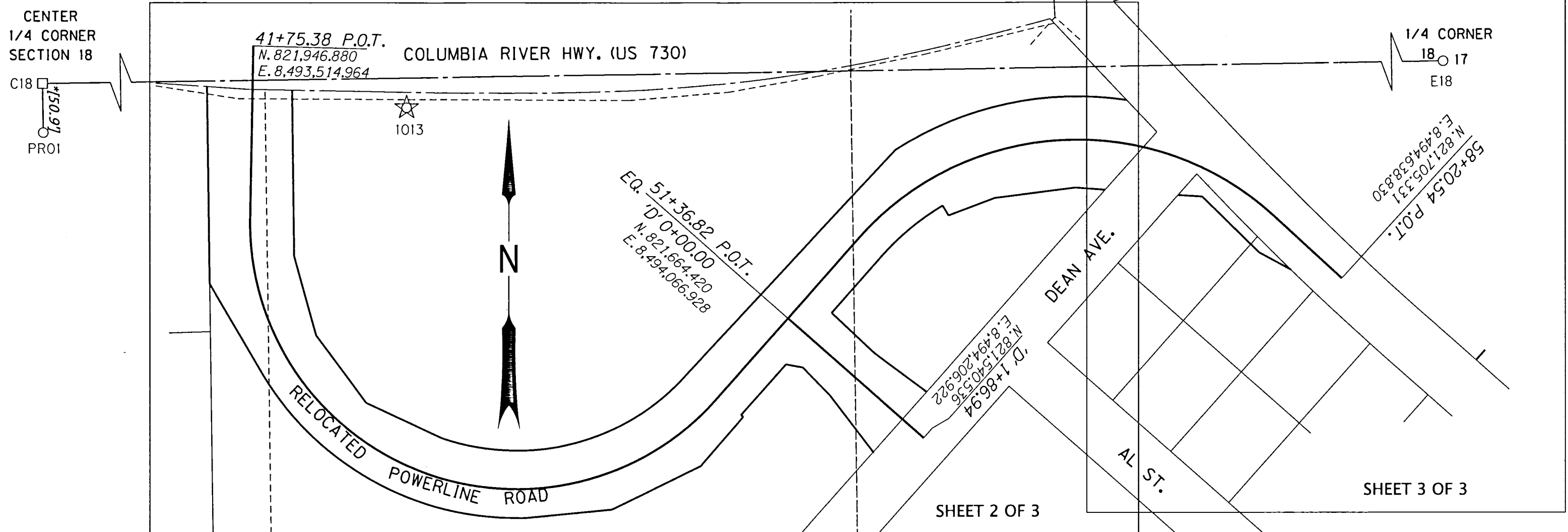


NW 1/4 SE 1/4 SECTION 18, T. 5 N., R. 28 E., WM.  
NE 1/4 SE 1/4 SECTION 18, T. 5 N., R. 28 E., WM.



\*[DISTANCE FROM CS 98-055-C]



**NARRATIVE:**  
THE PURPOSE OF THIS SURVEY IS TO MONUMENT THE LOCATION OF THE NEWLY ACQUIRED RIGHT OF WAY (R/W) FOR A PORTION OF POWERLINE ROAD (CO. RD. NO. 1225) IN THE CITY OF UMATILLA, OREGON. FOR THIS PURPOSE WE RE-ESTABLISHED THE CONTROL NETWORK, RECOVERED THE POSITION OF MONUMENTS OF RECORD AND SET MONUMENTS AT CONTROL AND ANGLE POINTS ALONG SAID ROAD. THIS SURVEY IS THE MONUMENTATION PHASE FOR THE FFO-US730: POWERLINE RD. INTERSECTION IMPROVEMENTS SECTION ADMINISTERED BY THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT).

THE RELOCATED POWERLINE ROAD ALIGNMENT FOR THIS SURVEY USED THE CURVE AND COORDINATE DATA FROM ODOT DRAWING 11B-07-15.

THE CENTER LINE OF THE COLUMBIA RIVER HIGHWAY WAS LOCATED BY DATA FROM RECORD CURVE DATA AND STATIONING SUPPLIED BY ODOT DRAWING 11B-5-3 AND CS 13-206-B, USING MONUMENT 1010 AS A COMMON POINT.

THE BASIS OF BEARING WAS ESTABLISHED BY GPS WITH A BASE BEARING OF S. 69°04'50" W. 783.81 FEET FROM THE EAST 1/4 CORNER OF SECTION 18 TO MONUMENT 1016. THIS SURVEY UTILIZES A LOCAL DATUM PLANE (LDP) THAT IS RELATIVE TO THE OREGON COORDINATE SYSTEM (OCS) OF NAD 83 (2011) EPOCH 2010.00, WITH RESPECT TO THE LOCAL LATITUDE AND GROUND ELEVATION. THE LDP COORDINATES DEFINE ACCURATE GROUND DISTANCES. TO CONVERT LDP COORDINATES TO THE OREGON COORDINATE SYSTEM OF NAD 83 (2011) EPOCH 2010.00, NORTH ZONE, MULTIPLY LDP COORDINATES BY 0.99995160.

- REFERENCES**
- UMATILLA COUNTY SURVEY H-214-B, DATED DECEMBER 28, 1972
  - UMATILLA COUNTY SURVEY M-77-B, DATED APRIL 4, 1977
  - UMATILLA COUNTY SURVEY 98-055-C, FILED APRIL, 1998
  - UMATILLA COUNTY PARTITION PLAT 1998-43, FILED NOVEMBER, 1998
  - UMATILLA COUNTY SUBDIVISION: UMATILLA HEIGHTS, FILED MAY, 1999
  - UMATILLA COUNTY SURVEY 13-206-B, FILED JULY 22, 2013
  - OREGON DEPARTMENT OF TRANSPORTATION DRG. 11B-7-15, DATED DEC., 2013
  - UMATILLA COUNTY DOCUMENT NO. 2014-6170467, FILED MAY 30, 2014
  - UMATILLA COUNTY DOCUMENT NO. 2014-6170510, FILED JUNE 2, 2014
  - UMATILLA COUNTY DOCUMENT NO. 2014-6180857, FILED JULY 17, 2014

**SHEET INDEX**  
1 SHEET INDEX, SURVEY NARRATIVE, BASIS OF BEARING, FOUND MONUMENT TABLE, SET MONUMENT TABLE  
2-3 SURVEY

SET MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION
5000	821,901.12	8,493,555.11	42+20.38	41.00 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5001	821,904.76	8,493,466.92	42+18.40	47.25 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5002	821,766.87	8,493,556.60	43+54.57	45.02 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5003	821,728.71	8,493,557.02	44+00.00	43.00 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5004	821,700.08	8,493,469.63	44+13.27	48.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5005	821,646.84	8,493,579.69	45+00.00	38.00 LT.	12/06/2018	SET 5/8" X22" IRON ROD W/1 1/2" ODOT ALUM. CAP
5006	821,613.65	8,493,520.35	45+00.00	30.00 RT.	12/06/2018	SET 1" BR. DISK IN ASPHALT MKD. "ODOT"
5007	821,577.01	8,493,631.16	46+00.00	33.00 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5008	821,540.49	8,493,709.60	47+00.00	40.00 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5009	821,457.67	8,493,795.71	48+00.00	30.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5010	821,466.47	8,493,884.98	48+80.00	37.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5011	821,511.44	8,493,976.74	49+70.00	40.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5012	821,606.80	8,493,962.53	50+24.48	40.00 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5013	821,564.54	8,494,018.61	50+30.00	30.00 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5014	821,562.56	8,494,020.85	50+30.00	33.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5015	821,616.83	8,494,064.87	50+99.82	30.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5016	821,613.63	8,494,082.07	D 0+45.00	28.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5017	821,584.88	8,494,110.04	D 0+85.00	31.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5018	821,525.82	8,494,154.84	D 1+57.68	45.54 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5019	821,670.00	8,494,111.93	D 0+30.00	34.00 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5020	821,628.74	8,494,155.53	D 0+90.00	32.00 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5021	821,588.23	8,494,210.06	D 1+57.68	37.80 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5022	821,727.89	8,494,163.15	52+48.11	30.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5023	821,838.77	8,494,178.18	53+30.00	45.00 LT.	12/06/2018	SET 5/8" X15" IRON ROD W/1 1/2" ODOT ALUM. CAP
5024	821,780.53	8,494,226.51	53+40.00	30.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5025	821,770.23	8,494,232.68	53+40.00	42.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5026	821,788.41	8,494,280.62	54+00.00	46.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5027	821,798.95	8,494,363.66	55+00.00	50.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5028	821,890.10	8,494,416.79	55+46.93	45.00 LT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5029	821,796.50	8,494,394.49	55+37.19	50.75 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5030	821,791.02	8,494,469.80	56+24.23	36.36 RT.	12/06/2018	SET 5/8" X15" IRON ROD W/1 1/2" ODOT ALUM. CAP
5031	821,789.41	8,494,494.61	56+50.00	27.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5032	821,742.43	8,494,542.44	57+24.39	37.71 RT.	12/06/2018	SET 1" BR. DISK MKD. "ODOT" IN FENCE FOOTING
5033	821,731.68	8,494,553.76	57+40.00	38.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP
5034	821,714.11	8,494,586.29	57+75.86	29.00 RT.	12/06/2018	SET 5/8" X30" IRON ROD W/1 1/2" ODOT ALUM. CAP

\* 5023 - IRON ROD SHORTED TO 15" BECAUSE OF ROCK  
\* 5030 - IRON ROD SHORTED TO 15" BECAUSE OF UTILITY CONFLICT

**LEGEND**

- FOUND MONUMENT NOTED IN TABLE
- ☆ GPS STATION
- CALCULATED POINT
- RELOCATED POWERLINE ROAD CENTER LINE
- NEW RIGHT-OF-WAY
- PROPERTY LINE

LDP = LOCAL DATUM PLANE  
ALUM. = ALUMINUM  
FD. = FOUND  
DIA. = DIAMETER  
BR. = BRASS  
W/ = WITH  
MKD. = MARKED  
YPC = YELLOW PLASTIC CAP  
CS = COUNTY SURVEY

FOUND MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION
E18	821,941.54	8,495,462.70	N/A	N/A	01/14/13	FD. 2 1/2" DIA. BR. DISK MKD. "T5N R28E, 1/4 18 17, 1990, LS 951", (CS 98-101-C)
1000	821,853.91	8,494,532.94	56+52.78	47.97 LT.	01/14/13	FD. 5/8" IRON ROD W/YPC MKD. "LS2627", (CS 98-55-C)
1001	821,812.84	8,494,489.24	56+33.71	8.48 RT.	01/14/13	MONUMENT DESTROYED, NOT RESET, SEE CS 14-120-B FOR DESCRIPTION
1002	821,856.93	8,494,447.92	55+80.61	18.86 LT.	01/14/13	MONUMENT DESTROYED, NOT RESET, SEE CS 14-120-B FOR DESCRIPTION
1003	821,636.26	8,494,292.62	52+93.65	186.37 RT.	01/14/13	FD. "PK" NAIL IN PIPE, BENT, (NOTED ON CS 98-55-C)
1004	821,426.77	8,494,107.06	50+01.33	189.19 RT.	01/14/13	FD. "PK" NAIL, ORIGIN UNKNOWN
1005	821,430.25	8,494,070.06	49+85.98	161.80 RT.	01/14/13	FD. 5/8" IRON ROD W/YPC MKD. LS2817, (CS 10-110-B)
1008	821,415.76	8,493,473.41	45+89.75	192.23 RT.	01/14/13	FD. 5/8" IRON ROD W/YPC MKD. LS2817, (UMATILLA HEIGHTS)
1009	821,641.12	8,493,470.29	44+60.56	63.75 RT.	01/14/13	FD. 1/2" IRON ROD, (CS M-77-B)
1010	821,903.20	8,493,466.76	42+19.96	47.38 RT.	01/14/13	FD. 1/2" IRON ROD, BENT, DISTURBED DURING CONSTRUCTION, (CS M-77-B)
1011	821,901.97	8,493,491.26	42+20.73	22.86 RT.	01/14/13	MONUMENT DESTROYED, NOT RESET, SEE CS 14-120-B FOR DESCRIPTION
1012	821,901.63	8,493,520.05	42+20.53	5.94 LT.	01/14/13	MONUMENT DESTROYED, NOT RESET, SEE CS 14-120-B FOR DESCRIPTION
1013	821,883.00	8,493,673.12	42+36.27	159.34 LT.	01/14/13	FD. T-POST NETWORK PT. "BRIDGE" US 730 PROJECT (CS 13-206-B)
1014	821,914.13	8,494,056.80	52+91.56	178.07 LT.	01/14/13	FD. IRON ROD W/YELLOW CAP, BENT, (UMATILLA HEIGHTS)
1015	821,974.59	8,494,337.47	54+82.40	126.55 LT.	01/14/13	FD. IRON ROD, BENT, NO CAP, (PARTITION PLAT 1998-43)
1016	821,661.67	8,494,730.56	N/A	N/A	02/19/13	FD. 5/8" BENT IRON ROD WITH CAP MKD. "UMA. CO. RD., LS2627", (CS 98-55-C)
1017	82,1639.53	8,494,710.90	N/A	N/A	02/19/13	FD. RAILROAD SPIKE, (CS 98-55-C), UNDER ASPHALT DO TO RECENT PAVING
1018	821,616.93	8,494,690.92	N/A	N/A	02/19/13	FD. 5/8" IRON ROD WITH CAP MKD. "UMA. CO. RD., LS2627", (CS 98-55-C)
1019	821,833.39	8,494,511.13	56+44.12	19.62 LT.	01/14/13	MONUMENT DESTROYED, NOT RESET, SEE CS 14-120-B FOR DESCRIPTION
PRO1	821,849.13	8,492,801.54	N/A	N/A	01/14/13	FD. 2 1/2" BR. CAP WITNESS CORNER MKD. "UMATILLA COUNTY SURVEYOR" (CS H-214-B)
CP49	821,545.53	8,493,876.76	49+00.09	39.99 LT.	10/26/15	FD. HUB AND TACK, ORIGIN UNKNOWN, POINT DESTROYED, NOT RESET

RECEIVED BY  
Umatilla County Surveyor  
Date: 1/11/19  
Rec'd By: CT  
No.: 19-007-B

REGISTERED PROFESSIONAL LAND SURVEYOR

ROBERT E. BUTLER  
OREGON  
JULY 25, 1995  
ROBERT ERICH BUTLER  
2733

EXPIRES: 12-31-2019

OREGON DEPARTMENT OF TRANSPORTATION

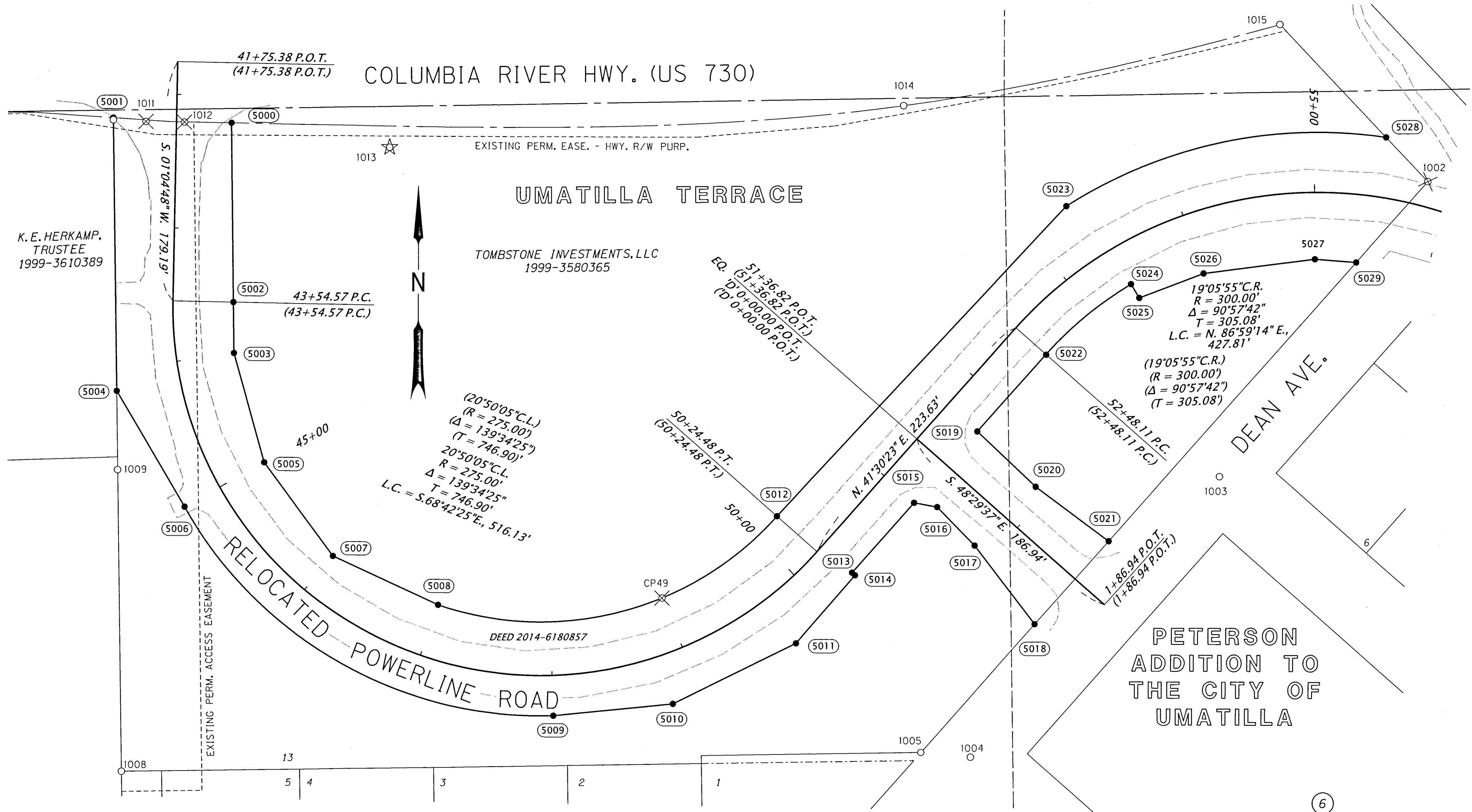
RIGHT OF WAY BOUNDARY MONUMENTATION MAP  
FFO-US730: POWERLINE RD. INTERSECTION IMPROVEMENTS  
COLUMBIA RIVER HIGHWAY  
UMATILLA COUNTY



ODOT REGION 5 TECH CENTER  
3012 ISLAND AVENUE  
LA GRANDE, OR 97850 KEY NO. 16009

DECEMBER 14, 2018  
1" = 100'  
SHEET 1 OF 3

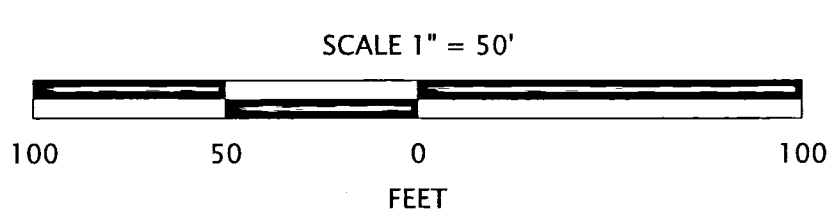
NW 1/4 SE 1/4 SECTION 18, T. 5 N., R. 28 E., WM.  
 NE 1/4 SE 1/4 SECTION 18, T. 5 N., R. 28 E., WM.



**LEGEND**

●	SET R/W MONUMENT	—	PROPERTY LINE OR EXISTING RIGHT OF WAY LINE
○	FOUND MONUMENT	—	NEW RIGHT OF WAY
☆	GPS POINT	—	RIGHT OF WAY CENTER LINE
⊗	DESTROYED MONUMENT	---	EXISTING ACCESS CONTROL
( )	RECORD DATA PER ODOT DRG. 11B-5-15	---	EXISTING EASEMENT
○	RIGHT OF WAY POINT NO.	---	EDGE PAVE. OR CURB

FOR LOCATION AND DESCRIPTION OF FOUND AND SET MONUMENTS, SEE SHEET 1 OF 3



REGISTERED PROFESSIONAL LAND SURVEYOR  
*Robert L. Butler*  
 OREGON  
 JULY 25, 1995  
 ROBERT ERICH BUTLER  
 2733  
 EXPIRES: 12-31-2019

RECEIVED BY  
 Umatilla County Surveyor  
 Date: 1/11/19  
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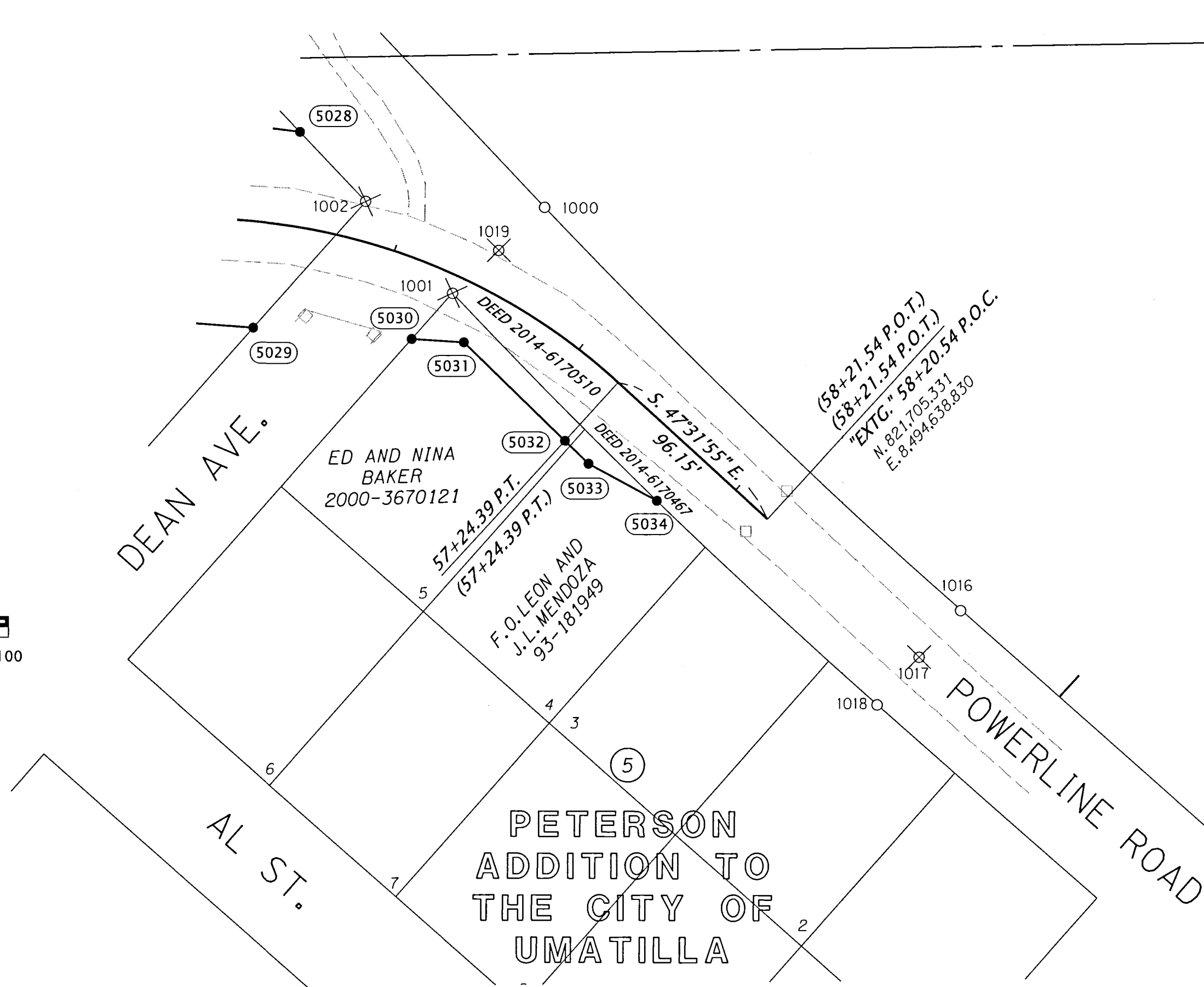
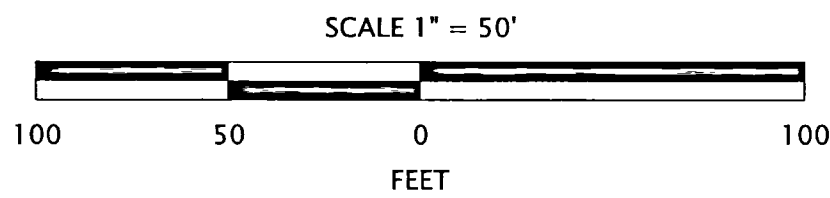
**OREGON DEPARTMENT OF TRANSPORTATION**  
 RIGHT OF WAY BOUNDARY MONUMENTATION MAP  
 FFO-US730: POWERLINE RD. INTERSECTION IMPROVEMENTS  
 COLUMBIA RIVER HIGHWAY  
 UMATILLA COUNTY

ODOT REGION 5 TECH CENTER  
 3012 ISLAND AVENUE  
 LA GRANDE, OR 97850 KEY NO. 16009

DECEMBER 14, 2018  
 SCALE: 1" = 50'  
 SHEET 2 OF 3

NE 1/4 SE 1/4 SECTION 18, T. 5 N., R. 28 E., WM.

1/4 CORNER  
18  
17  
E18



FOR LOCATION AND DESCRIPTION  
OF FOUND AND SET MONUMENTS,  
SEE SHEET 1 OF 3

LEGEND			
●	SET R/W MONUMENT	—	PROPERTY LINE OR EXISTING RIGHT OF WAY LINE
○	FOUND MONUMENT	—	NEW RIGHT OF WAY
☆	GPS POINT	—	RIGHT OF WAY CENTER LINE
⊗	DESTROYED MONUMENT	---	EXISTING ACCESS CONTROL
( )	RECORD DATA PER ODOT DRG. 11B-5-15	----	EXISTING EASEMENT
(5000)	RIGHT OF WAY POINT NO.	----	EDGE PAVE. OR CURB

RECEIVED BY  
Umatilla County Surveyor  
Date: 1/11/19  
Rec'd By: CT  
No.: 19-007-6

REGISTERED PROFESSIONAL LAND SURVEYOR  
*Robert E. Butler*  
OREGON  
JULY 25, 1995  
ROBERT ERICH BUTLER  
2733  
EXPIRES: 12-31-2019

OREGON DEPARTMENT OF TRANSPORTATION  
RIGHT OF WAY BOUNDARY MONUMENTATION MAP  
FFO-US730: POWERLINE RD. INTERSECTION IMPROVEMENTS  
COLUMBIA RIVER HIGHWAY  
UMATILLA COUNTY

ODOT REGION 5 TECH CENTER  
3012 ISLAND AVENUE  
LA GRANDE, OR 97850 KEY NO. 16009

DECEMBER 14, 2018  
SCALE: 1" = 50'  
SHEET 3 OF 3