MAP FILE M166-44A

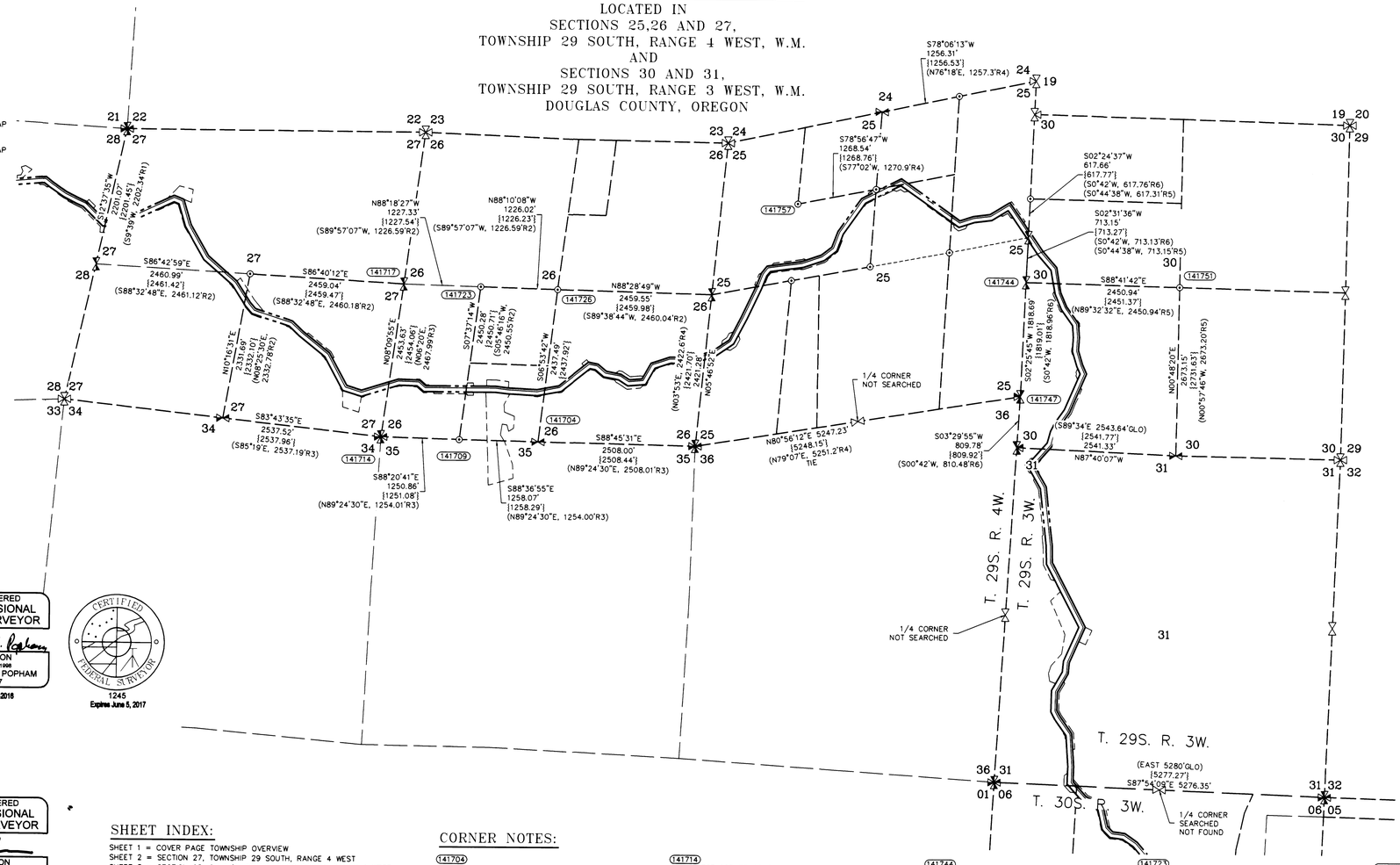
RECORD OF SURVEY

LOCATED IN
SECTIONS 25,26 AND 27,
TOWNSHIP 29 SOUTH, RANGE 4 WEST, W.M.
AND
SECTIONS 30 AND 31,
TOWNSHIP 29 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 9-21-2015 By: X
This survey consists of:
Map: M166-44A-F
No.
Corner:
DOUGLAS COUNTY SURVEYOR

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002)
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (EASTSIDE CONSULTANT, INC 1853LS)
- FOUND MONUMENT AS NOTED (SEE CORNER NOTES)
- COMPUTED POINT, NOT MONUMENTED
- FOUND QUARTER CORNER SEE CORNER NOTES
- FOUND SECTION CORNER SEE CORNER NOTES
- QUARTER CORNER NOT SEARCHED SHOWN FOR REFERENCE ONLY
- SECTION CORNER NOT SEARCHED SHOWN FOR REFERENCE ONLY
- (100000) POINT NUMBER
- |XXX.XX'| GROUND DISTANCE
- (XXX.XX') RECORD DISTANCE PER REFEREENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY WORK AREA



REFERENCES:

R1) MAP FILE M3-68, DATED MARCH 10, 1955
R2) MAP FILE M137-22, DATED DEC. 9, 2001
R3) MAP FILE RM1-8
R4) MAP FILE M1-31
R5) MAP FILE M70-75, DATED JULY 10, 1979
R6) BLM DEPENDENT RESURVEY, APPROVED JULY 8, 1966 C.S. 1966
R7) USGLO 1858 ORIGINAL SURVEY T.29S., R.3W.

BASIS OF BEARINGS NOTE:

THE PROJECT DATUM IS BASED ON PREVIOUSLY ESTABLISHED PROJECT CONTROL.

THE DATUM IS VERY CLOSE BUT NOT EXACTLY OREGON SOUTH ZONE 3602

THE PROJECT BEARINGS MATCH THE OREGON SOUTH ZONE 3602 BEARINGS

NOTE:

DISTANCES ARE IN US SURVEY FEET.

MEAN MERIDIAN CONVERGENCE ANGLE = -1°48'12"

SCALE FACTOR NOTE

THE DISTANCES SHOWN ON THIS SURVEY ARE GRID DISTANCES UNLESS NOTED.
THE COMBINED SCALE FACTOR = 0.999825488
TO CONVERT FROM GRID TO GROUND MULTIPLY THE DISTANCE BY 1.000174525.

EXAMPLE: 300.00' GRID DISTANCE
300.00' x 1.000174525 = 300.05' GROUND DISTANCE.

SURVEYOR'S CERTIFICATE

I, DOUGLAS A. POPHAM BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON, ALSO BEING A CERTIFIED FEDERAL SURVEYOR, DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY THAT I HAVE REVIEWED AND VERIFIED. THIS SURVEY CONFORMS WITH THE REQUIREMENTS OF THE STATE OF OREGON SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209.

FURTHERMORE, I APPROVE THE DESCRIPTIONS, DIMENSIONS AND LOCATIONS OF THE RECOVERED MONUMENTS AS DEPICTED HEREON.

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON JULY 14, 1986 DOUGLAS A. POPHAM 2877
Expires 12-31-2016

CERTIFIED FEDERAL SURVEYOR 1245
Expires June 5, 2017

Douglas A. Popham
DOUGLAS A. POPHAM PLS 2877
CFEDS 1245

SURVEYOR'S CERTIFICATE

I, JAMES M. KLEIN BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209, AND HAVE SET THE PROPER MONUMENTS AS REFERENCED IN THE LEGEND BY MY REGISTRATION NUMBER AND SEAL.

FURTHERMORE, I APPROVE THE LOCATION OF THE MONUMENTS AS DEPICTED ON THIS SURVEY DRAWING TO BE IN THEIR PROPER LOCATION.

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON JULY 12, 2000 JAMES M. KLEIN 59002
Expires 6-30-2017

JAMES M. KLEIN PLS 59002

SURVEYOR'S CERTIFICATE

I, RICHARD R. KITZ BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209, AND HAVE SET THE PROPER MONUMENTS AS REFERENCED IN THE LEGEND BY MY REGISTRATION NUMBER AND SEAL.

FURTHERMORE, I APPROVE THE LOCATION OF THE MONUMENTS AS DEPICTED ON THIS SURVEY DRAWING TO BE IN THEIR PROPER LOCATION.

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON JULY 13, 1979 RICHARD R. KITZ 1853
Expires 6-30-2017

RICHARD R. KITZ PLS 1853

WILLAMETTE MERIDIAN
DOUGLAS COUNTY, OREGON

T.29S., R.04W	T.29S., R.03W
27 26 25	30 / 31

SURVEY PERFORMED FOR:
WILLIAMS PACIFIC CONNECTOR
DATE: MAY 6, 2015
PROJECT: 14-02-05 DRAFT: GD, LS
FILE: RS-29S-03-04W.DWG

SHEET INDEX:

SHEET 1 = COVER PAGE TOWNSHIP OVERVIEW
SHEET 2 = SECTION 27, TOWNSHIP 29 SOUTH, RANGE 4 WEST
SHEET 3 = SECTION 25, SW 1/4, TOWNSHIP 29 SOUTH, RANGE 4 WEST
SHEET 4 = SECTION 26, E 1/2, TOWNSHIP 29 SOUTH, RANGE 4 WEST
SHEET 5 = SECTION 31, TOWNSHIP 29 SOUTH, RANGE 3 WEST
SHEET 6 = SECTION 31, TOWNSHIP 29 SOUTH, RANGE 3 WEST

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO MONUMENT THE TEMPORARY CONSTRUCTION CORRIDOR FOR THE WILLIAMS PACIFIC CONNECTOR GAS LINE WITHIN THE BLM LANDS, LOCATED IN SECTIONS 25,26 AND 27 TOWNSHIP 29 SOUTH, RANGE 4 WEST, AND SECTIONS 30 AND 31, TOWNSHIP 29 SOUTH, RANGE 3 WEST OF THE WILLAMETTE MERIDIAN.

THE PUBLIC LAND SURVEY SYSTEM MONUMENTS WERE FOUND AND TIED BY KLEIN & ASSOCIATES. UNDER THE DIRECT SUPERVISION OF JAMES M. KLEIN.

THE PUBLIC LAND MONUMENTS AND BREAKDOWN WAS VERIFIED BY DOUG POPHAM A CERTIFIED FEDERAL SURVEYOR WITH PRIMM LAND SURVEYING.

THE TEMPORARY CONSTRUCTION EASEMENT WAS SURVEYED AND MONUMENTED BY EASTSIDE CONSULTANTS, INC., UNDER THE DIRECT SUPERVISION OF RICHARD R. KITZ. SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

THE INTERSECTION OF THE TEMPORARY CONSTRUCTION EASEMENT AND THE FEDERAL LANDS WERE MONUMENTED BY KLEIN & ASSOCIATES. UNDER THE DIRECT SUPERVISION OF JAMES M. KLEIN. SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

CORNER NOTES:

141704
1/4 CORNER COMMON TO SECTIONS 26 AND 35
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1956
BT REFERENCES:
1) FOUND 13" FIR WITH HEALED FACE
S 32° W - 20.3'
2) SET NEW BEARING TREE
6" WHITE FIR (SCRIBED X BT)
AND TAG DATED 6/14
N 34° E - 6.3' TO NAIL SIDE CENTER

141709
WEST 1/16 CORNER COMMON TO SECTIONS 26 AND 35
FOUND 5/8" REBAR WITH YELLOW
PLASTIC CAP NYGREN - LS1035
BT REFERENCES:
1) FOUND 6" WHITE FIR WITH HEALED FACE
AND TAG DATED 6/01
N 01° W - 11.0'
2) FOUND 7" D. FIR WITH HEALED FACE
AND TAG DATED 6/01
N 88° W - 14.8'
NOTE: THIS TREE DOES NOT MATCH BEARING PER SURVEY NO. M137-22.

141714
SOUTHWEST CORNER SECTION 26
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1956
BT REFERENCES:
1) FOUND 10" D. FIR WITH HEALED FACE
AND TAG DATED 4/95
S 89° E - 30.7'
2) FOUND 20" CEDAR WITH HEALED FACE
RESET TAG DATED 6/14
S 08° W - 33.3'
3) FOUND 13" D. FIR WITH HEALED FACE
AND TAG DATED 4/95
N 89° W - 7.2'
4) SET NEW BEARING TREE
14" FIR (SCRIBED T29S R4W S26 BT)
SET TAG DATED 6/14
N 61° E - 47.95' TO NAIL SIDE CENTER

141717
1/4 CORNER COMMON TO SECTIONS 26 AND 27
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1956
BT REFERENCES:
1) FOUND 30" FIR STUMP 3' TALL WITH HEALED FACE
N 43° E - 25.8'
2) FOUND 21.5" FIR STUMP 5.5' TALL WITH HEALED FACE
N 63° W - 61.0'
3) FOUND 34.5" MADRONE SNAG
S 74° W - 10.0'

141744
WEST 1/4 CORNER SECTION 30
TOWNSHIP 29 SOUTH RANGE 3 WEST
FOUND 3-1/4" BRASS CAP
STAMPED BLM 1964
BT REFERENCES:
1) FOUND FIR SNAG WITH HEALED FACE
NO TAG
N 41-1/2° E - 19.5'
2) SET NEW BEARING TREE
8" CEDAR (SCRIBED 1/4 S30 BT)
N 75° E 23.2' TO NAIL SIDE CENTER
3) SET NEW BEARING TREE
24" FIR (SCRIBED X BT)
N 72° W, 9.55' TO NAIL SIDE CENTER

141747
SOUTHEAST CORNER SECTION 25
TOWNSHIP 29 SOUTH RANGE 4 WEST
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1962
BT REFERENCES:
1) SET NEW BEARING TREE
13" CEDAR (SCRIBED X BT)
N 08° E - 20.7' TO NAIL SIDE CENTER
2) SET NEW BEARING TREE
7" CEDAR (SCRIBED x BT)
S 18° W - 16.4' TO NAIL SIDE CENTER
3) SET NEW BEARING TREE
10" CEDAR (SCRIBED T29S R4W S25 BT)
N 35° W - 12.4' TO NAIL SIDE CENTER

141723
CENTER-WEST 1/16 CORNER SECTION 26
FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP
STAMPED NYGREN LS 1035
BT REFERENCES:
1) FOUND 7" FIR WITH HEALED FACE
AND TAG DATED 6/01
N 34° E - 18.35' TO NAIL SIDE CENTER
2) FOUND 8" FIR WITH HEALED FACE
(TREE IS DEAD AND DOWN)
S 46° E - 6.78'

141726
CENTER 1/4 CORNER SECTION 26
FOUND 3/4" IRON ROD WITH NO CAP
BT REFERENCES:
1) FOUND 10" FIR WITH HEALED FACE
AND TAG DATED 8/01
N 18° E - 5.8' TO NAIL SIDE CENTER
NOTE: THIS TREE DOES NOT MATCH BEARING AND DISTANCE PER SURVEY NO. M137-22.
2) FOUND 19" CEDAR WITH HEALED FACE
AND TAG DATED 8/01
S 44° E - 13.51' TO NAIL SIDE CENTER

141751
CENTER 1/4 CORNER SECTION 30
TOWNSHIP 29 SOUTH RANGE 3 WEST
FOUND 5/8" REBAR WITH NO CAP
BT REFERENCES:
1) FOUND 14.5" FIR WITH HEALED FACE
AND TAG DATED 5/79
S 42° W - 12.6'

141757
NORTHWEST 1/16 CORNER SECTION 25
FOUND 1/2" PIPE WITH NO CAP
BT REFERENCES:
1) FOUND 30" CEDAR STUMP 3' TALL WITH HEALED FACE
S 05° E - 14.9'
2) SET NEW BEARING TREE
12" CEDAR (SCRIBED NW 1/16 S25 BT)
SET TAG DATED 6/14
S 80° E - 7.65' TO NAIL SIDE CENTER

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PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY

TOWNSHIP 29 SOUTH, RANGE 3 AND 4 WEST, W.M.
DOUGLAS COUNTY, OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 7-8-2015	ISSUED FOR BID:	SCALE: 1" = 1000'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 1 OF 6

MAP FILE M166-44A