SECTION 14, TWP. 12N. RGE. 4W. W.M.

FEDERAL AID # BHS-A212(004)

LAND LINES ARE APPROXIMATE

50 0 50 100 150

HORIZONTAL: 1" = 50'

PART OF THE NORTH HALF OF SECTION 14, T12N R4W W.M. LYING WITHIN THE C.F. WHITE D.L.C. #37 AND THE T.R. ROUNDTREE D.L.C. #43

RIGHT OF WAY MAP LEGEND

- EXISTING ROW
- REQUIRED ROW
- EXISTING CENTERLINE
- RIGHT OF WAY ACQUISITION
- TEMPORARY CONSTRUCTION EASEMENT
- SECTION CORNER
- QUARTER CORNER
- 3 1/2" LEWIS COUNTY ALUM. CAP WITH ROAD STATION
- FENCE LINE
- SECTION TIE
- PROPERTY LINE
- RADIUS POINT LINES
- TANGENT EXTENSION
- OWNERSHIP TIE
- P.C. POINT OF CURVATURE
- P.I. POINT OF INTERSECTION
- P.T. POINT OF TANGENT
- FOUND REBAR AS NOTED
- CALCULATED POSITION

CHARLES F. WHITE D.L.C. #37

TURNER R. ROUNDTREE D.L.C. #43

THE NORTH QUARTER CORNER OF SECTION 14 FOUND 2 " BRASS CAP 0.5' VISIBLE WITH METAL SIGN POST NW 0.7' PER LEWIS COUNTY FIELD BOOK VOL. 910 PG. 7

S09°51'50"W 1211.17' (TO RAILROAD CENTERLINE STATION POC 27+00)

RADIAL BEARING=N09°51'50"E

RAILROAD CURVE INFO FROM POC STA 27+00 TO PT STA 31+40.80
Δ=14°59'14" LT
L=440.80
R=1685.14

PI STA=92+22.40
Δ=25°32'00" RT
T=108.20
L=212.80
R=477.51

EDGE OF STILLMAN CRK 9-2013

FOUND ½" REBAR AND CAP LS#29269 (PER REF SURVEY #3) 28.56' LT (92+21.73)

THE NORTH LINE OF THE TURNER R. ROUNDTREE D.L.C. CALCULATED FROM REF. SURVEY #1. (HELD THIS LINE AT THIS TIME, AN ALTERNATE SOLUTION TO THE SOUTH DLC LINE OF THE TURNER R. ROUNDTREE D.L.C. EXISTS PER REF. SURVEY #4)

WEYERHAEUSER 016188-000-000

WEYERHAEUSER 016176-000-000

HARR, JOHN P & VICKI L. 016183-004-008

WEYERHAEUSER 016188-000-000

WEYERHAEUSER 016176-001-000

DAWES, MICHAEL 016186-002-002

A. J. WHITE RD. #195 (SURVEY NOTE 2)

PE ELL MCDONALD RD (SURVEY NOTE 1) (A. J. WHITE RD. #195)

THE NORTHWEST CORNER OF SECTION 14 FOUND 2" IRON PIPE 1.5' VISIBLE PER LEWIS COUNTY FIELD BOOK VOL. 910 PG. 12 RESET 3 ½" LEWIS COUNTY ALUMINUM CAP PER L.C.R. A.F.N.#########

(TO CENTERLINE STATION P.O.T. 79+00) S41°13'28"E 2469.71'

N80°42'55"E 99.00'

PC = 78+99.00

FOUND ½" REBAR AND CAP LS#10785 (PER REF SURVEY #2)

PI STA=83+67.99
Δ=14°00'00" LT
T=468.99
L=933.30
R=3819.58

R/W CURVE INFO
Δ=12°44'00" LT
T=94.67
L=188.57
R=848.49

N10°42'55"W (R/W RADIAL BEARING) 848.49'

N22°26'58"W (R/W RADIAL BEARING) 848.49'

S23°26'58"E (R/W RADIAL BEARING)

PT = 31+40.80 RAILROAD STA

THE NORTHWEST CORNER OF SECTION 14 FOUND 2" IRON PIPE 1.5' VISIBLE PER LEWIS COUNTY FIELD BOOK VOL. 910 PG. 12 RESET 3 ½" LEWIS COUNTY ALUMINUM CAP PER L.C.R. A.F.N.#########

(TO RAILROAD STATION 38+00) S38°15'58"E 3581.36'

CHEHALIS WESTERN RAILROAD (SURVEY NOTE 3)

PROPOSED RIGHT OF WAY ACQUISITION					
PARCEL NUMBER	PROPERTY OWNER	PARCEL BEFORE ACQUISITION	R/W ACQUISITION AREA	PARCEL AFTER ACQUISITION	DEED REFERENCE
1 016188-000-000	WEYERHAEUSER	10.70 ACRES	0.53 ACRES	10.17 ACRES	VOL. 226 PG. 174
2 016176-000-000	WEYERHAEUSER	78.84 ACRES	0.08 ACRES	78.76 ACRES	VOL. 224 PG. 154
3 016183-004-008	HARR, JOHN P. & VICKI L.	25.42 ACRES	0.20 ACRES	25.22 ACRES	AFN 3238870
TEMPORARY CONSTRUCTION EASEMENTS		EASEMENT AREA			
A 016186-002-002	DAWES, MICHAEL	0.21 ACRES			AFN 3042379
B 016176-001-000	WEYERHAEUSER	0.55 ACRES			AFN 322085
C 016188-000-000	WEYERHAEUSER	0.31 ACRES			VOL. 226 PG. 174

RIGHT OF WAY ALIGNMENT APPROVED BY: SURVEY: DATE: PROPERTY MANAGEMENT: DATE: ASSISTANT COUNTY ENGINEER DATE:

DESIGNED BY: DRAWN BY: SL CHECKED BY: MPR DATE:

REVISION — NO. DATE CHANGE BY

RAP AID PROJECT NO. XXXX

COUNTY ROAD PROJECT NO. 2159G

PE ELL McDONALD MP 8.68 BRIDGE SCOUR

RIGHT OF WAY MAP 78+00 TO STA 105+60.9

Sheet 1 of 2

MARTIN P. ROY STATE OF WASHINGTON 22001 REGISTERED PROFESSIONAL LAND SURVEYOR

SECTION 14, TWP. 12N. RGE. 4W. W.M.

FEDERAL AID # BHS-A212(004)

LAND LINES ARE APPROXIMATE

50 0 50 100 150

HORIZONTAL: 1" = 50'

PART OF THE NORTH HALF OF SECTION 14, T12N R4W W.M. LYING WITHIN THE C.F. WHITE D.L.C. #37 AND THE T.R. ROUNDTREE D.L.C. #43

SURVEY NOTES:

BEARINGS ARE BASED ON NAD 83/91 (WASHINGTON STATE PLANE GRID, SOUTH ZONE) HORIZONTAL CONTROL FOR PROJECT WAS DERIVED FROM RTK METHOD FOR PROJECT AND SECTION CORNER CONTROL.

1. PE ELL MCDONALD ROAD WAS CALCULATED FROM LEWIS COUNTY C.R.P.'S 414 AND 516. THE INFORMATION FOR THIS ROAD ALIGNMENT CAN BE FOUND IN LEWIS COUNTY FIELD BOOK VOL. 631 PG'S 22-33 AND VOL. 625 PG'S 15-34. THE STATIONS NOTED ARE FROM THESE FIELD BOOKS.
FOR THIS ALIGNMENT LEWIS COUNTY SURVEY DEPARTMENT HELD THE CALCULATED D.L.C. CORNER AT THE SE CORNER OF THE C.F. WHITE CLAIM. THIS POSITION WAS CALCULATED FROM MULTIPLE FIELD TIES OF THE MONUMENTS AS SET ON R.O.S. VOL. 2 PG. 244. THIS POSITION ALSO FITS THE STATION OF 127+72.5 AS NOTED IN FIELD BOOK 631 PG. 23. THE ALIGNMENT WAS THEN ROTATED SO THE CENTERLINE FIT STATION 0+00 PER LEWIS COUNTY FIELD BOOK VOL. 625 PG. 21.

2. A.J. WHITE ROAD RIGHT OF WAY WAS CALCULATED FROM LEWIS COUNTY FIELD BOOK VOL. 356 PG'S 62-69 AND VOL. 229 PG'S 31-38. THE MAPS AND ENGINEERS FIELD NOTES THAT SUPPORT THESE DOCUMENTS CAN BE FOUND IN LEWIS COUNTY ROAD FILE #195. LEWIS COUNTY SURVEY DEPARTMENT HELD THE STATIONS AS NOTED FOR THE CENTERLINE OF THE BRIDGE PIER (3+88 AND 5+08) THIS FITS THE COMMON TIE TO 0+00 PER FIELD BOOK VOL. 229 PG. 31. SEE DEED VOL. 380 PG. 444

3. THE CHEHALIS WESTERN RAILROAD RIGHT OF WAY WAS CALCULATED FROM MAP FOUND ON D.N.R. WEBEXTENDER WEBSITE, MAP IS DATED 1936. HELD THE DISTANCE OF 281' WEST OF THE NORTH QUARTER CORNER OF SECTION 14 T12N R4W AND ROTATED THIS ALIGNMENT TO THE CALCULATED ALIGNMENT PER R.O.S. VOL. 5 PG. 276, THIS MATCHES THE PORTIONS THAT WERE AS-BUILT SOUTH OF THE BRIDGE OVER STILLMAN CREEK AT PE ELL MCDONALD RD.

SURVEY WAS PERFORMED IN SEPTEMBER OF 2013

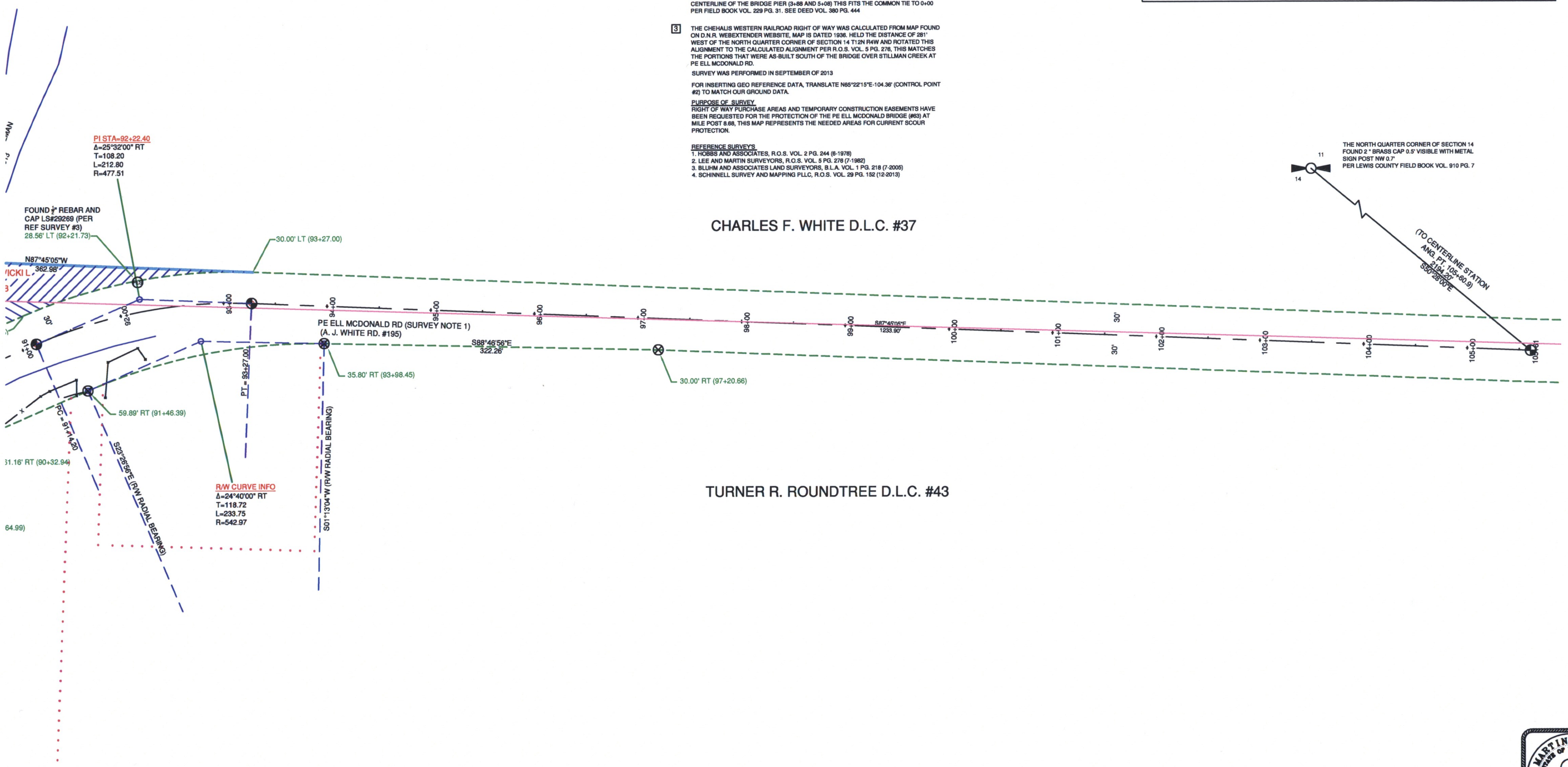
FOR INSERTING GEO REFERENCE DATA, TRANSLATE N65°22'15"E-104.36' (CONTROL POINT #2) TO MATCH OUR GROUND DATA.

PURPOSE OF SURVEY
RIGHT OF WAY PURCHASE AREAS AND TEMPORARY CONSTRUCTION EASEMENTS HAVE BEEN REQUESTED FOR THE PROTECTION OF THE PE ELL MCDONALD BRIDGE (#63) AT MILE POST 8.68, THIS MAP REPRESENTS THE NEEDED AREAS FOR CURRENT SCOUR PROTECTION.

REFERENCE SURVEY'S
1. HOBBS AND ASSOCIATES, R.O.S. VOL. 2 PG. 244 (8-1978)
2. LEE AND MARTIN SURVEYORS, R.O.S. VOL. 5 PG. 278 (7-1982)
3. BLUHM AND ASSOCIATES LAND SURVEYORS, B.L.A. VOL. 1 PG. 218 (7-2005)
4. SCHINNELL SURVEY AND MAPPING PLLC, R.O.S. VOL. 29 PG. 152 (12-2013)

RIGHT OF WAY MAP LEGEND

EXISTING ROW	FENCE LINE
REQUIRED ROW	SECTION TIE
EXISTING CENTERLINE	PROPERTY LINE
RIGHT OF WAY ACQUISITION	RADIUS POINT LINES
TEMPORARY CONSTRUCTION EASEMENT	TANGENT EXTENSION
	OWNERSHIP TIE
SECTION CORNER (30 19 / 29 20)	P.C. POINT OF CURVATURE P.I. POINT OF INTERSECTION P.T. POINT OF TANGENT
QUARTER CORNER (30 / 20)	FOUND REBAR AS NOTED
3 1/2" LEWIS COUNTY ALUM. CAP WITH ROAD STATION	CALCULATED POSITION



RIGHT OF WAY ALIGNMENT APPROVED BY:	DESIGNED BY:	REVISION	RAP AID PROJECT NO. XXXX	PE ELL McDONALD MP 8.68 BRIDGE SCOUR	RIGHT OF WAY MAP	Sheet 2 of 2
SURVEY: DATE:	DRAWN BY: SL	NO. DATE CHANGE BY	COUNTY ROAD PROJECT NO. 2159G		STA 78+00 TO STA 105+60.9	
PROPERTY MANAGEMENT: DATE:	CHECKED BY: MPR					
ASSISTANT COUNTY ENGINEER DATE:	DATE:					

MARTIN P. ROY STATE OF WASHINGTON 35054 REGISTERED PROFESSIONAL LAND SURVEYOR