WAC 136-18-030
Authorization of construction by county forces projects.

Every proposed construction by county forces road project shall be a part of the county's annual construction program as defined in RCW 36.81.130 and WAC 136-16-020. Additions to the program, and/or substitutions in the program, may be made by unanimous action of the county legislative authority at any time as provided in RCW 36.81.130. No construction work shall be done on any project until it has been authorized by resolution of said authority. The resolution shall include:

(1) A brief description of the project;

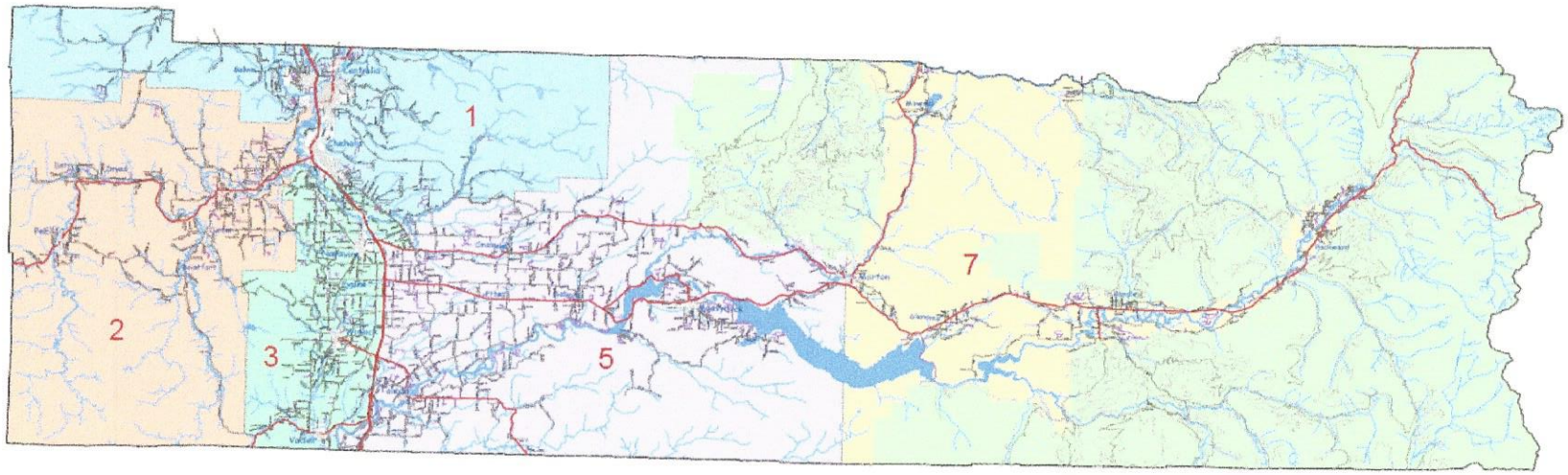
(2) A vicinity map showing the location of the project and its limits, provided that in lieu of individual vicinity maps, a single vicinity map showing the location of all projects may be included with the resolution adopting the annual program;

(3) Identification of the project in terms of the officially adopted annual program;

(4) The county engineer's estimate of construction costs prepared pursuant to the completion of such preliminary engineering; and

(5) Construction plans as shall be necessary and sufficient.

(1) Description	(2) Vicinity Map	(3) Annual Program Identification	(4) Construction Estimate	(5) Construction Plans
2016 Countywide 3R Program - yearly program including: base stabilization, chip-sealing, and hot mix asphalt overlays.	attached	Priority No. 3	Estimated construction costs for this project are $1,265,000.00	attached
Roundtree Road Slide Repair -Slide stabilization and other related work.	attached	Priority No. 3	Estimated construction costs for this project are $100,000.00	attached
2016 Countywide Misc. Safety & Guardrail - yearly program, perform various safety projects as needed and install guardrail at necessary locations.	attached	Priority No. 4	Estimated construction costs for this project are $300,000.00	Construction Plans are not completed for this project.
Hwy 603 Stabilization Project - improve horizontal alignment, widen and reconstruct roadway base, overlay with HMA, and other related work.	attached	Priority No. 6	Estimated construction costs for this project are $5,095,000.00	attached



Road Maintenance Areas

Lewis County, Washington

Plans are not completed for these projects
Countywide Programs
Project vicinity determined based on need.

Maintenance Area

1 2 3 5 7

Federal Land

Cities

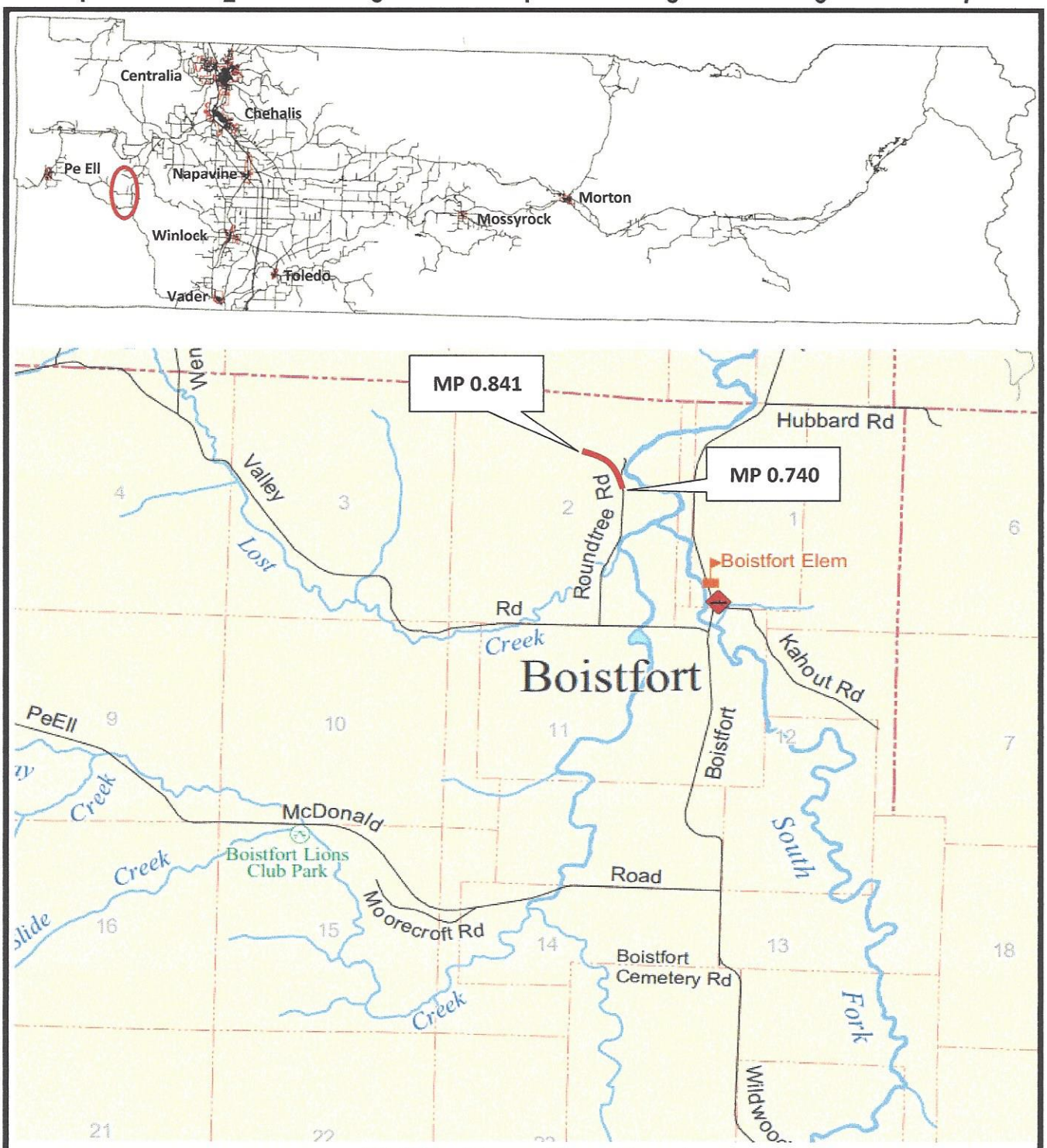
LEWIS COUNTY
Washington's First County
est. 1845

County Forces Construction

2016 Countywide 3R Program, CRP - 2175

2016 Countywide Misc. Safety & Guardrail, CRP - 2176

vicinity map

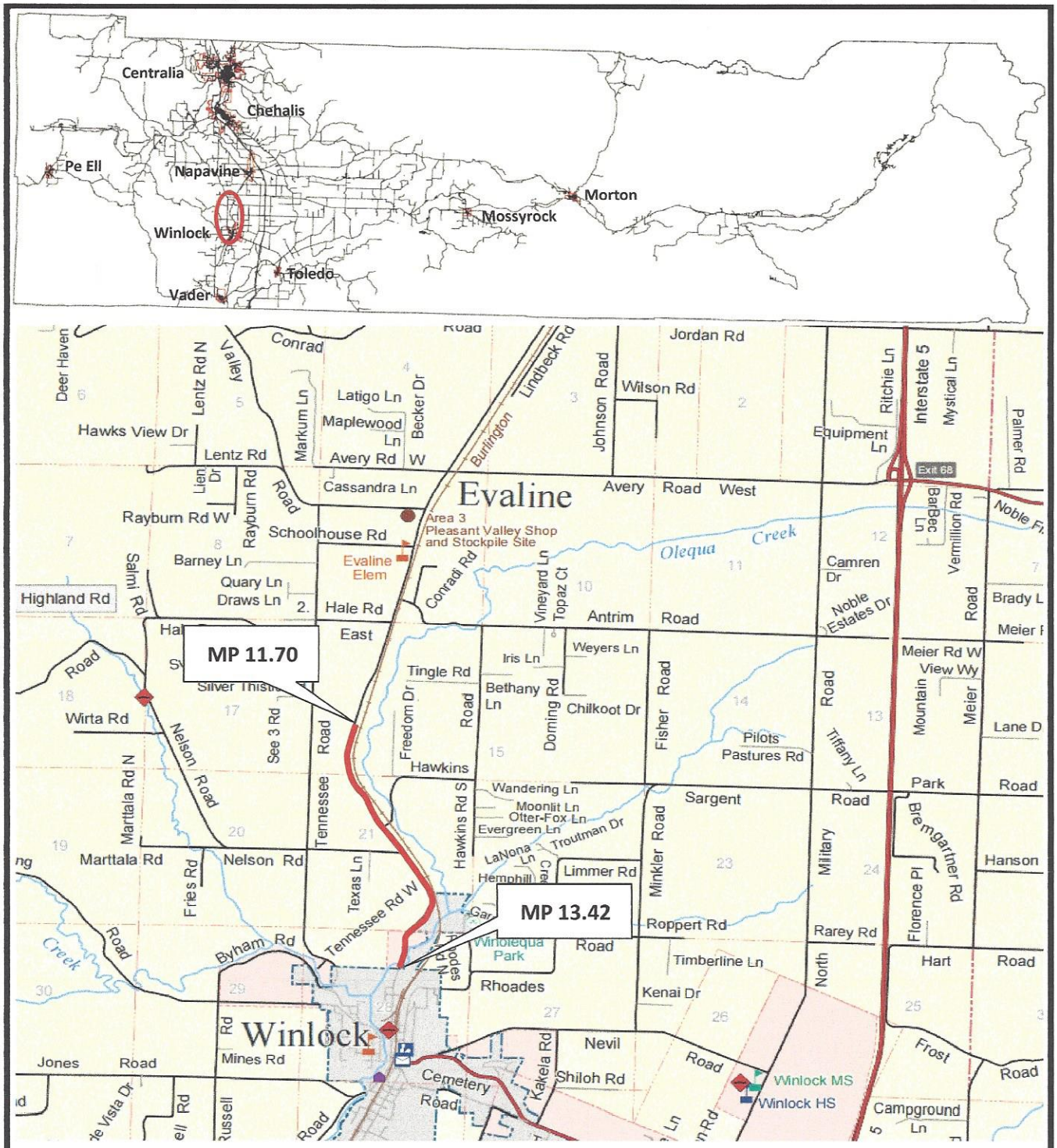


25470 - Roundtree Road

County Forces Construction

Roundtree Road Slide Repair, CRP - 2133

Milepost 0.740 - 0.841



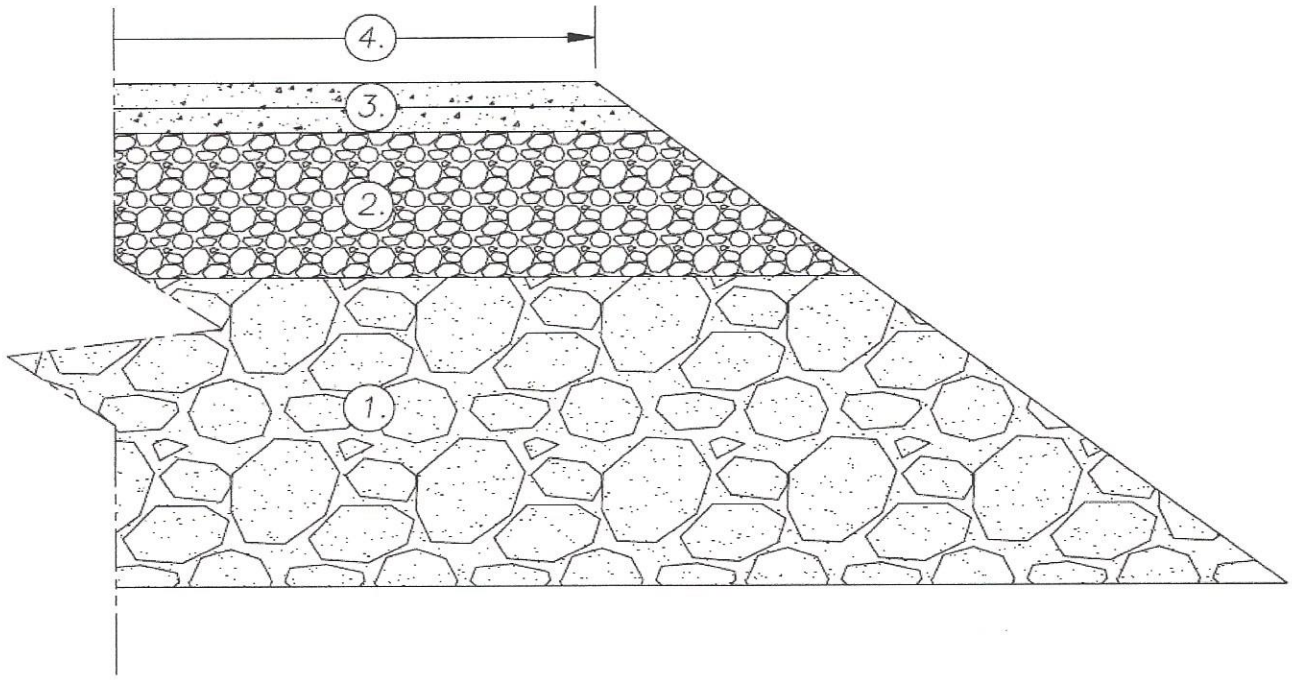
93006 - Hwy 603

County Forces Construction

Hwy 603 Stabilization Project, CRP - 2144

Milepost 11.70 - 13.42

LEWIS COUNTY
Washington's First County
est. 1845



General Notes:

1. Cement Treated Base Stabilization – Pulverize roadbed to a depth of approximately 0.70', apply Portland–Cement at a rate of approximately 6% of dry weight or 5.00 Lbs/sf, apply water and mix with pulverized roadbed, blade road to grade, and roll to achieve compaction.

2. Crushed Surfacing Top Course – Apply CSTC to a compacted depth of 0.30'.

3. Bituminous Surface Treatment – Apply two courses of BST.

4. Finished roadway width to match the preexisting roadway. No changes will be made to the horizontal or vertical alignment.

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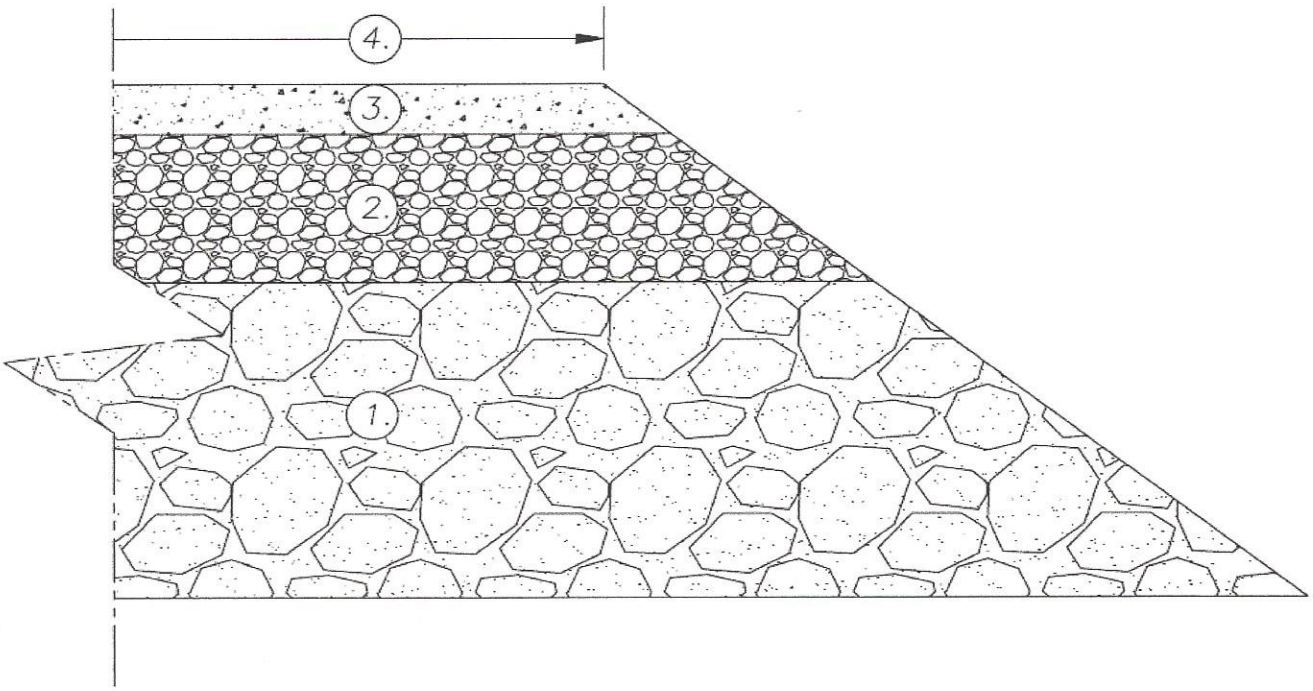
est. 1845

County Forces Construction

Countywide 3R Program, CRP - 2176

CTB & BST



General Notes:

1. Cement Treated Base Stabilization – Pulverize roadbed to a depth of approximately 0.70', apply Portland–Cement at a rate of approximately 6% of dry weight or 5.00 Lbs/sf, apply water and mix with pulverized roadbed, blade road to grade, and roll to achieve compaction.

2. Crushed Surfacing Top Course – Apply CSTC to a compacted depth of 0.30'.

3. Hot Mix Asphalt – One Course 0.20' HMA

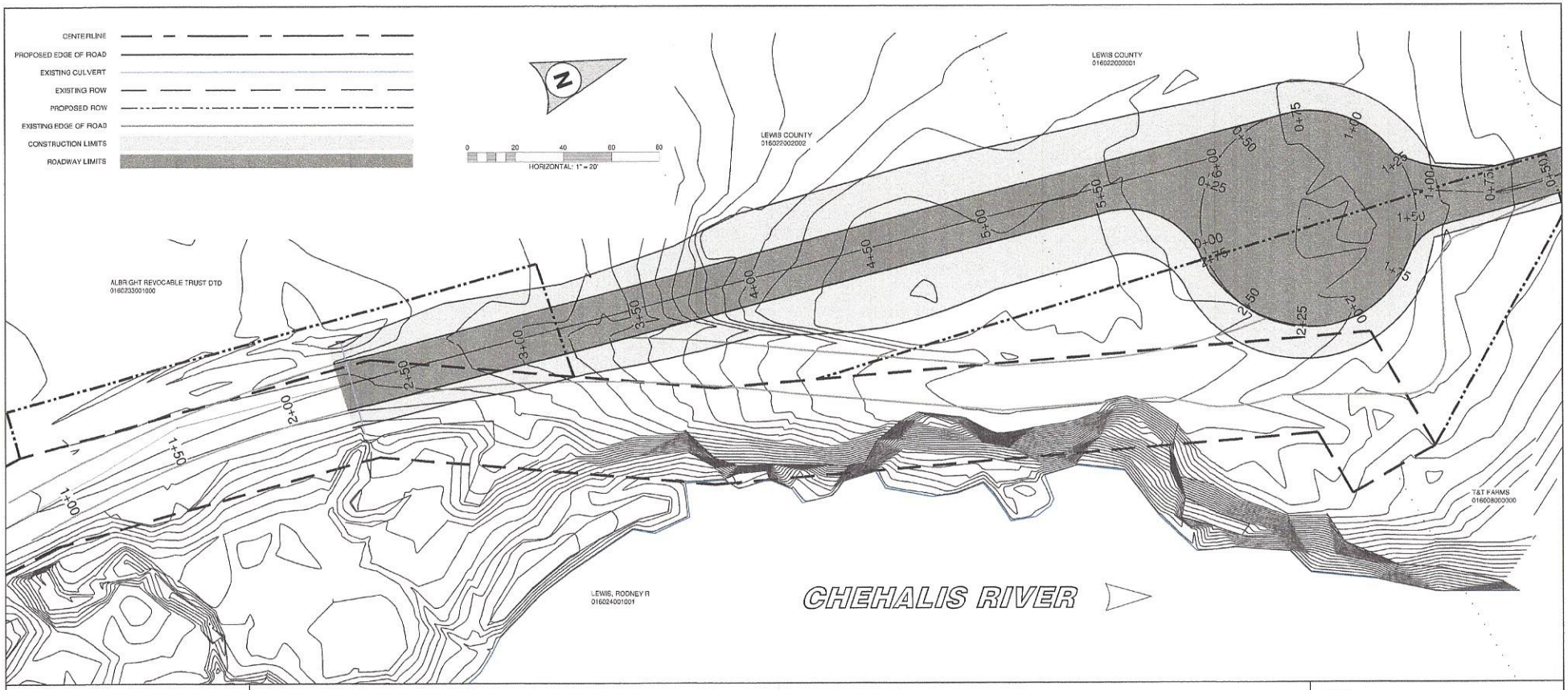
4. Finished roadway width to match the preexisting roadway. No changes will be made to the horizontal or vertical alignment.

LEWIS COUNTY
Washington's First County
est. 1845

County Forces Construction

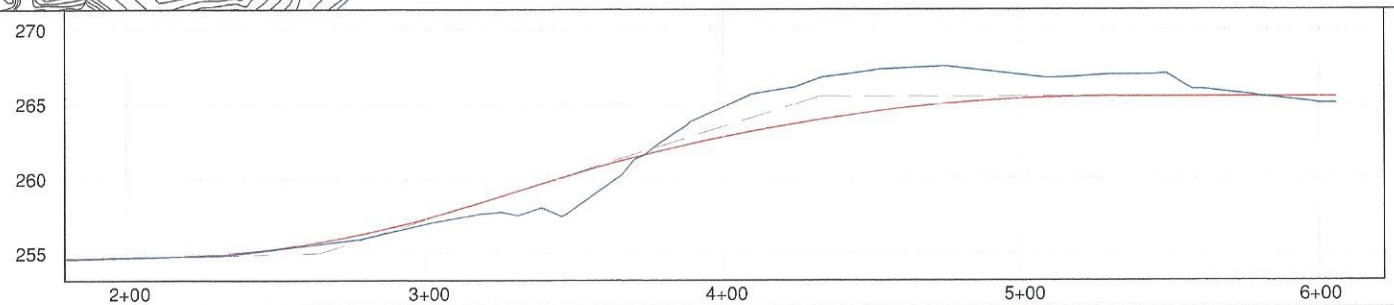
Countywide 3R Program, CRP - 2176

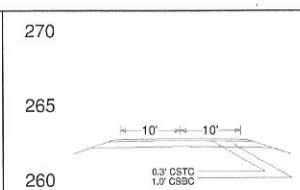
CTB & HMA



VOLUMES

CUT: 1720 C.Y.
FILL: 40 C.Y.
CSBC: 1410 TONS
CSTC: 385 TONS





ROUNDTREE ROAD TYPICAL SECTION

Lewis County
Department of Public Works
2025 NE KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : GJK
DRAWN BY : KRM
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

ROUNDTREE ROAD SHIFT PROJECT

COUNTY ROAD PROJECT NO: 2133

PLAN AND PROFILE

SHEET 1 OF 1

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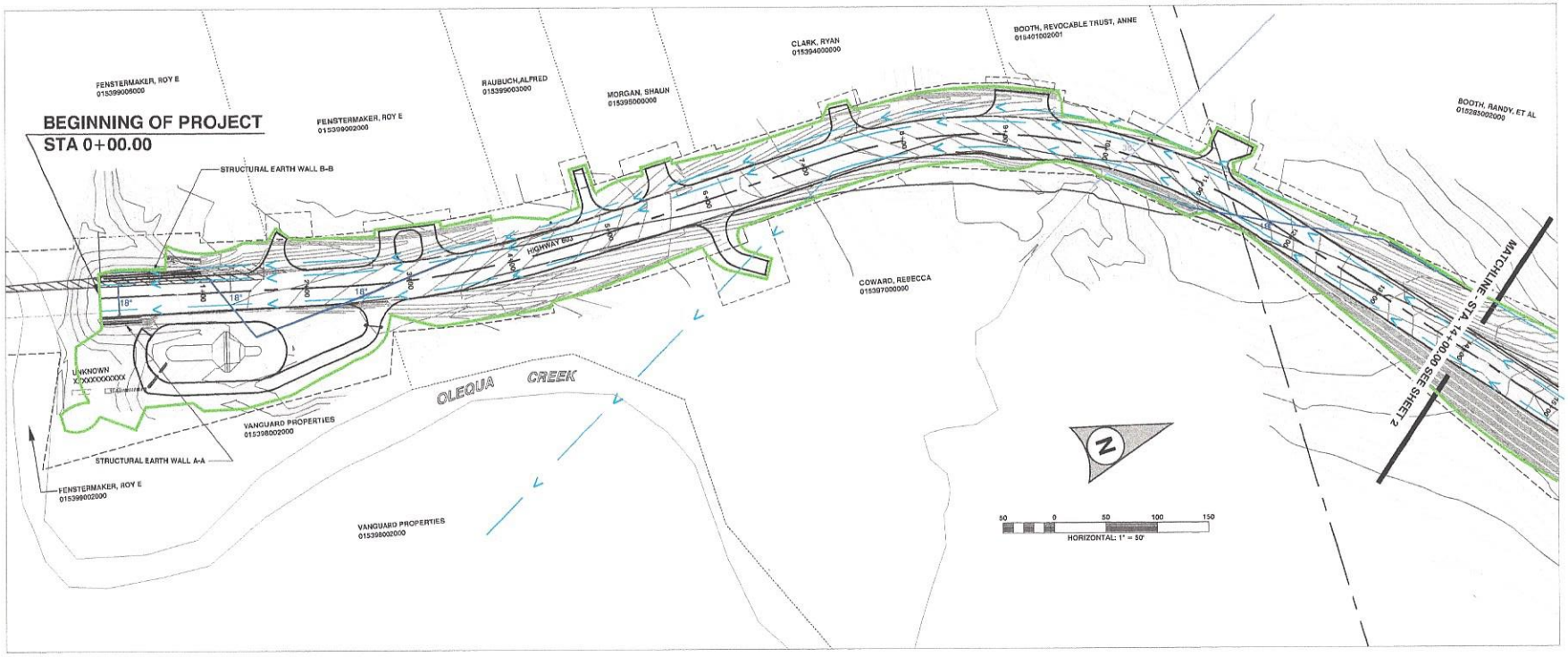
Utilities Underground Location Center

Keith Robert Muggoch, P.E.
Senior Engineer
Design
Date: 4/21/15

KEITH ROBERT MUGGOCH
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

TWP. 12N. RGE. 2W. W.M.

LAND LINES ARE APPROXIMATE



CENTERLINE
CLEAR AND GRUB LIMITS
EDGE OF ROAD
EXISTING CULVERT
DESIGN CULVERT
DRAINAGE
EXISTING CENTERLINE
EXISTING EDGE OF ROAD

Lewis County
Department of Public Works
2025 NE KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : GJK
DRAWN BY : KRM
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

HIGHWAY 603 STABILIZATION PROJECT

RAP PROJECT NO: 2108-01
COUNTY ROAD PROJECT NO: 2144

PLAN AND PROFILE
STA 0+00.00 TO STA 6+50.00

SHEET 1 OF 7

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Utilities Underground Location Center

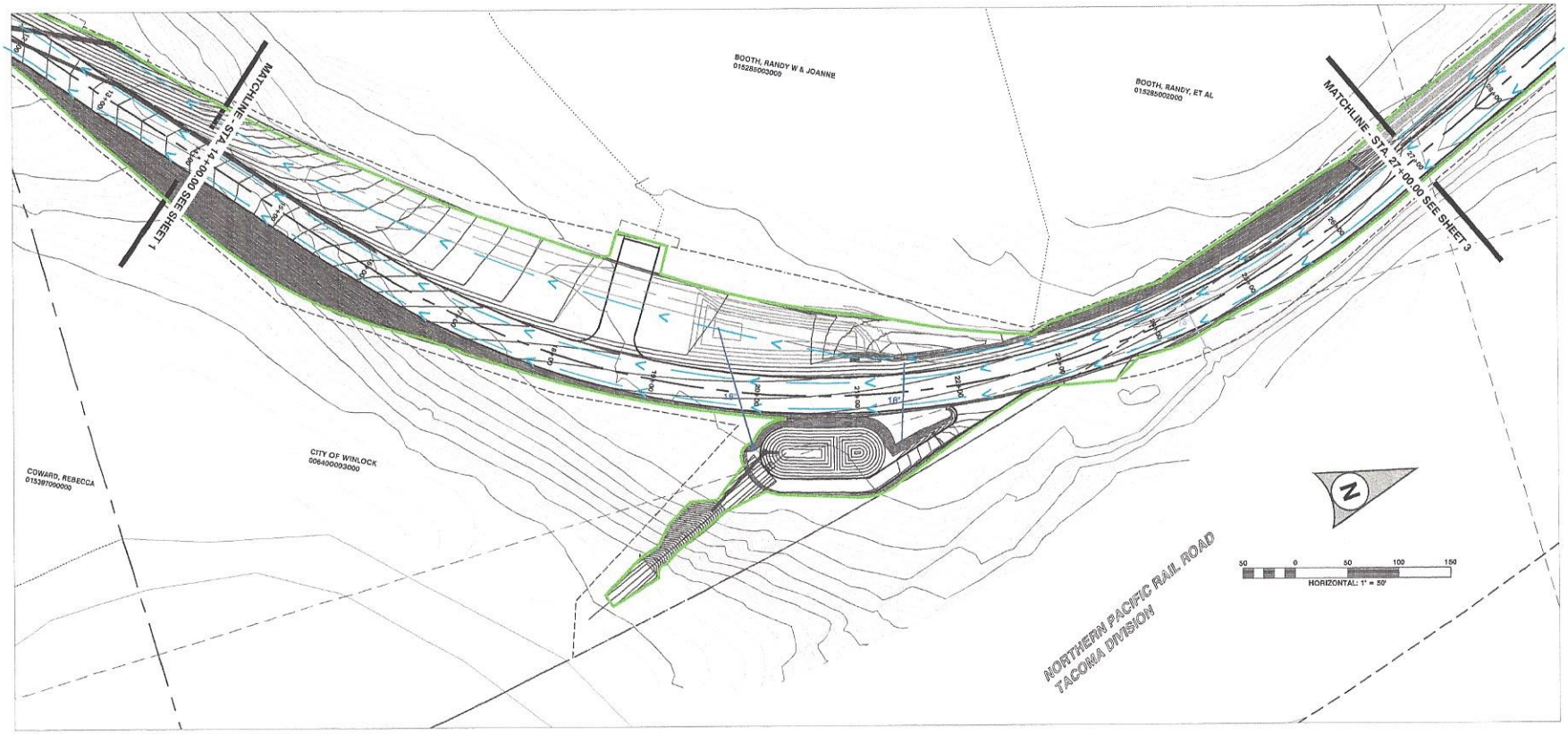
Keith Robert Muggoch, P.E.
Senior Engineer
Design

Date: _____

KEITH ROBERT MUGGOCH
STATE OF WASHINGTON
#36208
REGISTERED
PROFESSIONAL ENGINEER

TWP. 12N. RGE. 2W. W.M.

LAND LINES ARE APPROXIMATE



CENTERLINE
CLEAR AND GRUB LIMITS
EDGE OF ROAD
EXISTING CULVERT
DESIGN CULVERT
DRAINAGE
EXISTING CENTERLINE
EXISTING EDGE OF ROAD

Lewis County
Department of Public Works
2025 NE KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : GJK
DRAWN BY : KRM
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

HIGHWAY 603 STABILIZATION PROJECT

RAP PROJECT NO: 2108-01
COUNTY ROAD PROJECT NO: 2144

PLAN AND PROFILE
STA 8+50.00 TO STA 22+00.00

SHEET 2 OF 7

CALL 48 HOURS BEFORE YOU DIG
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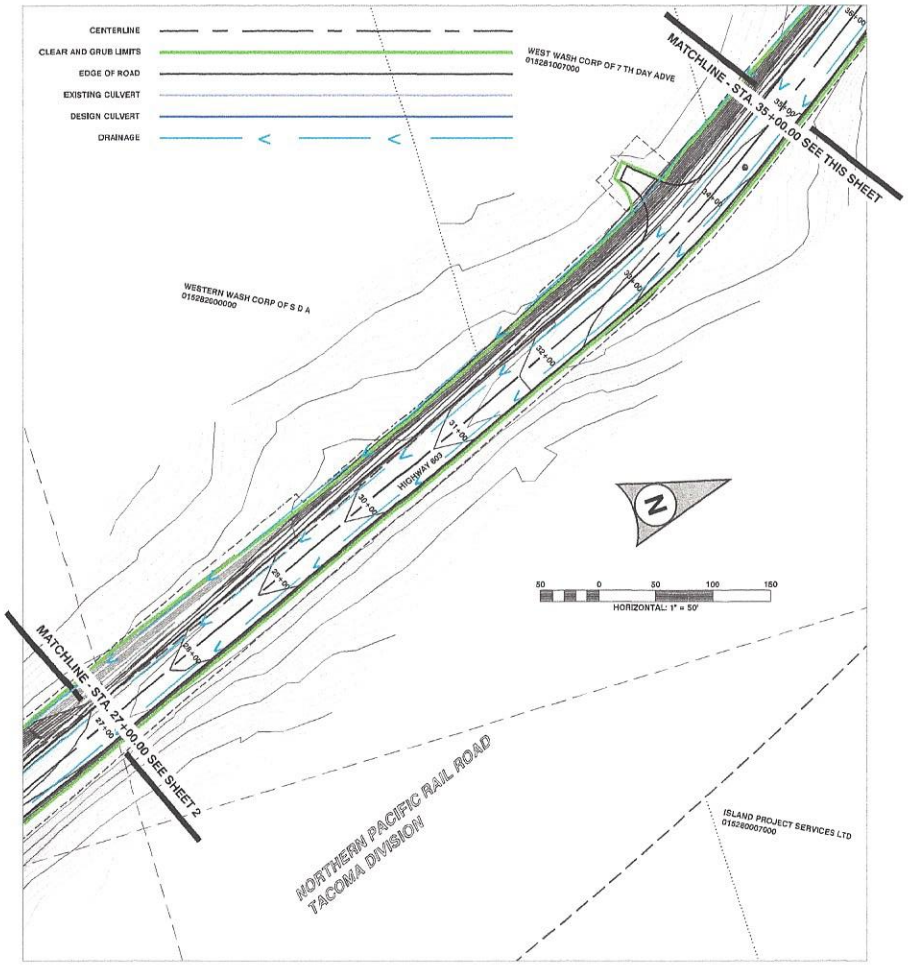
Keith Robert Muggoch, P.E.
Senior Engineer
Design

Date: _____

KEITH ROBERT MUGGOCH
STATE OF WASHINGTON
#38208
REGISTERED PROFESSIONAL ENGINEER

TWP. 12N. RGE. 2W. W.M.

LAND LINES ARE APPROXIMATE



Lewis County
Department of Public Works
2025 NE KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : GJK
DRAWN BY : KRM
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

HIGHWAY 603 STABILIZATION PROJECT

RAP PROJECT NO: 2108-01
COUNTY ROAD PROJECT NO: 2144

PLAN AND PROFILE
STA 22+00.00 TO STA 31+50.00

SHEET 3 OF 7

CALL 48 HOURS BEFORE YOU DIG
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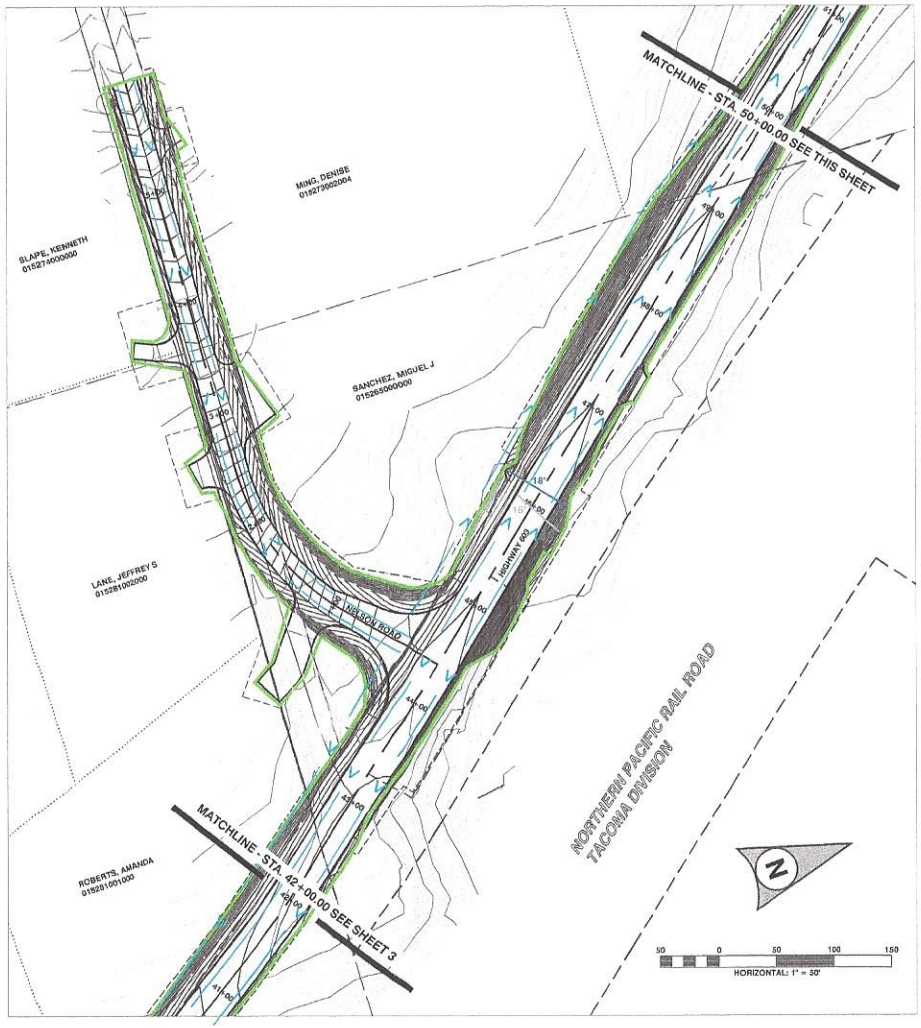
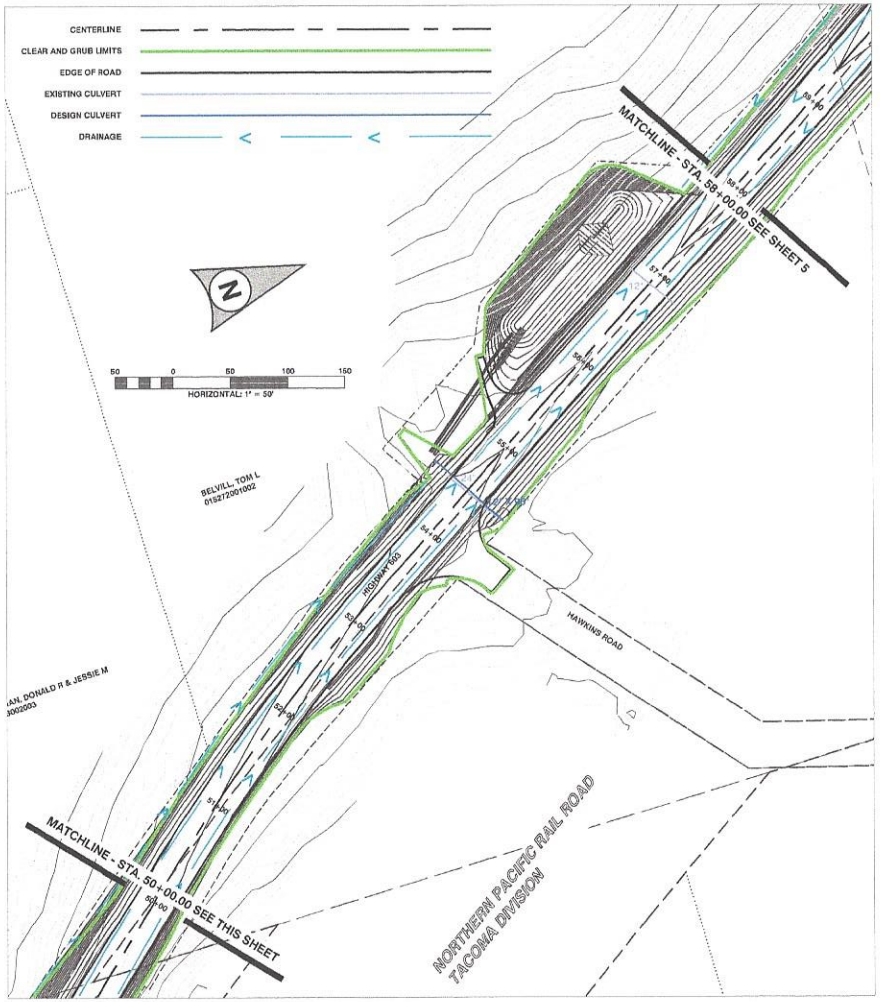
Date: _____

KEITH ROBERT MUGGOCH
STATE OF WASHINGTON
#38238
REGISTERED PROFESSIONAL ENGINEER

TWP. 12N. RGE. 2W. W.M.

LAND LINES ARE APPROXIMATE





Lewis County
Department of Public Works
2025 NE KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : GJK
DRAWN BY : KRM
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

HIGHWAY 603 STABILIZATION PROJECT

RAP PROJECT NO: 2108-01
COUNTY ROAD PROJECT NO: 2144

PLAN AND PROFILE
STA 31+50.00 TO STA 43+00.00

SHEET 4 OF 7

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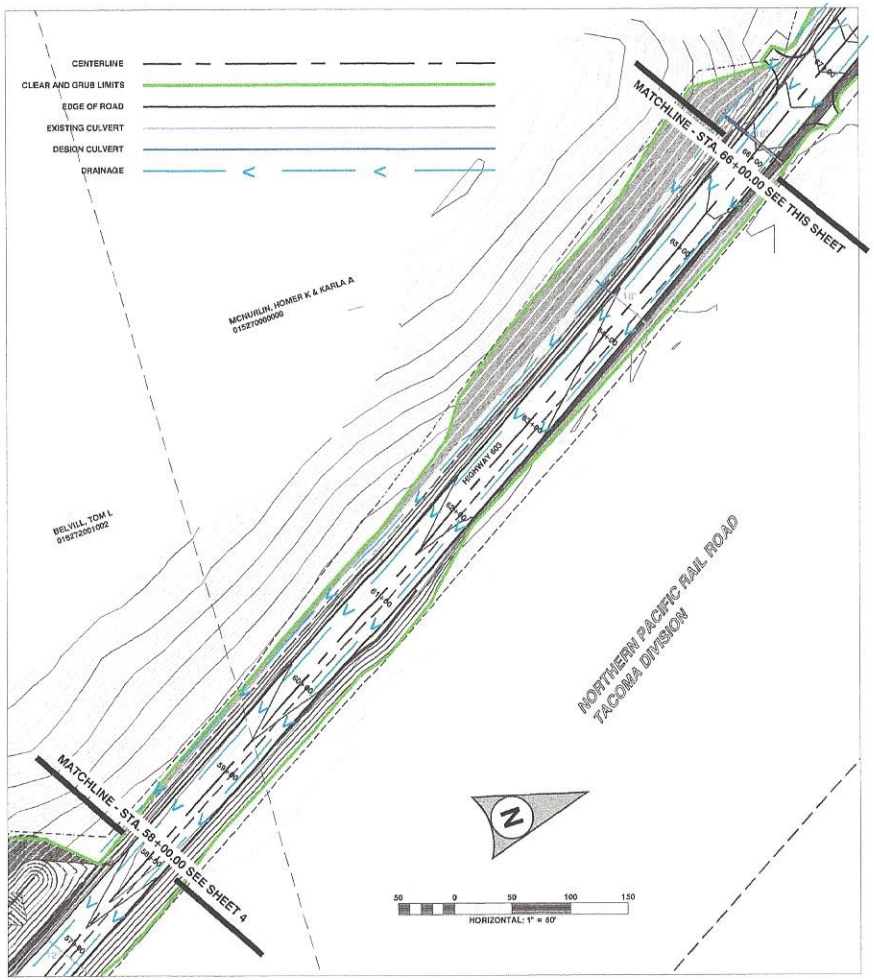
Senior Engineer
Design

Date: _____

KEITH ROBERT MUGGOCH
STATE OF WASHINGTON
#36200
REGISTERED PROFESSIONAL ENGINEER

TWP. 12N. RGE. 2W. W.M.

LAND LINES ARE APPROXIMATE



Lewis County
Department of Public Works
2025 NE KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : GJK
DRAWN BY : KRM
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

HIGHWAY 603 STABILIZATION PROJECT

RAP PROJECT NO: 2108-01
COUNTY ROAD PROJECT NO: 2144

PLAN AND PROFILE
STA 43+00.00 TO STA 53+50.00

SHEET 5 OF 7

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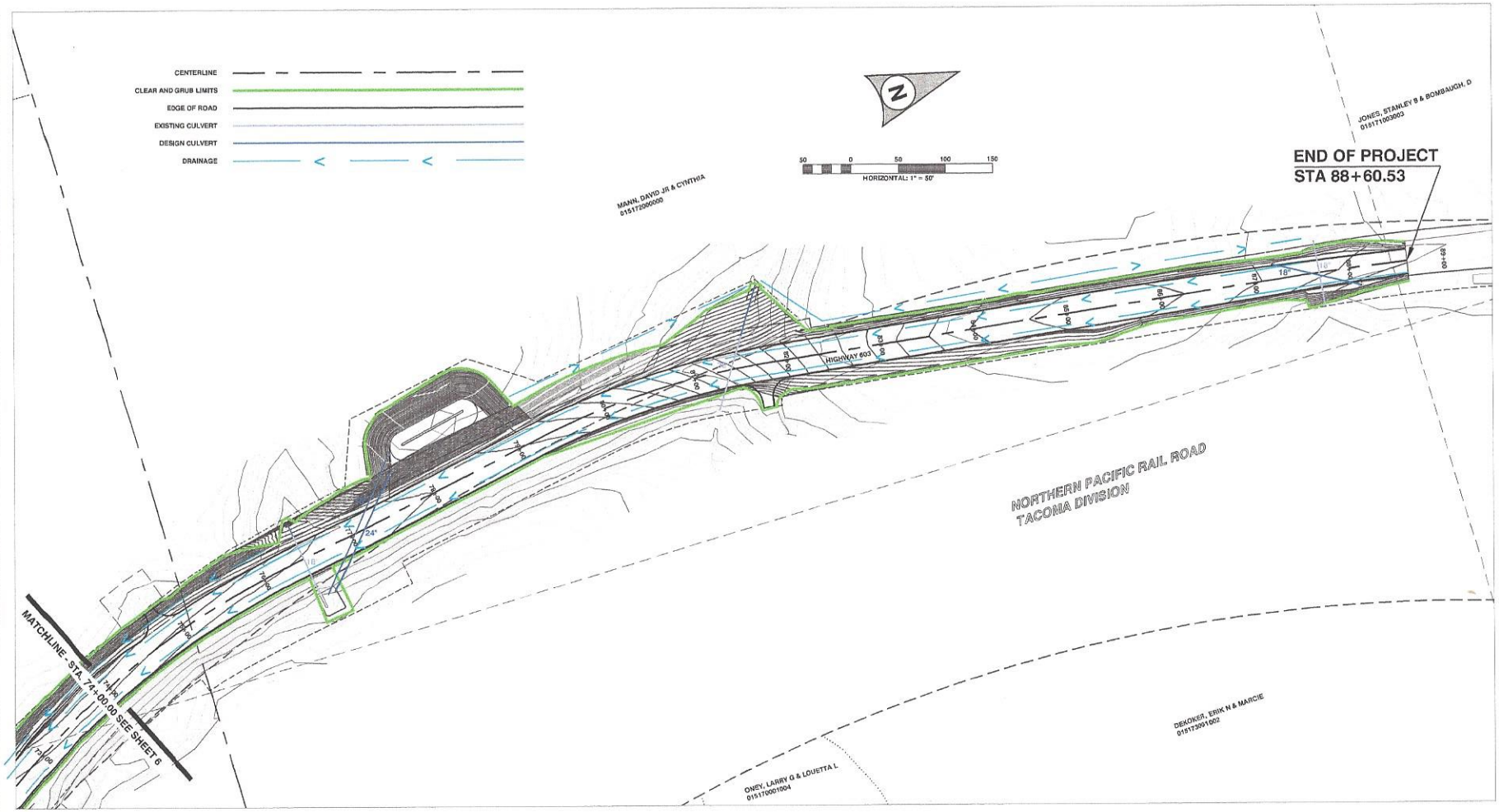
Senior Engineer
Design

Date: _____

KEITH ROBERT MUGGOCH
STATE OF WASHINGTON
#36200
REGISTERED PROFESSIONAL ENGINEER

TWP. 12N. RGE. 2W. W.M.

LAND LINES ARE APPROXIMATE



Lewis County Department of Public Works	2025 NE KRESKY AVE. CHEHALIS WA 98532 PHONE # (360) 740-1123 FAX # (360) 740-2719	DESIGNED BY : GJK DRAWN BY : KRM CHECKED BY : DATE :	NO.	DATE	REVISION	BY	APP.	HIGHWAY 603 STABILIZATION PROJECT	RAP PROJECT NO: 2108-01 COUNTY ROAD PROJECT NO: 2144 PLAN AND PROFILE STA 53+50.00 TO STA 65+00.00	SHEET 6 OF 7

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Senior Engineer
Design

Date: _____

KEITH ROBERT MUGGOCH
STATE OF WASHINGTON
#38208
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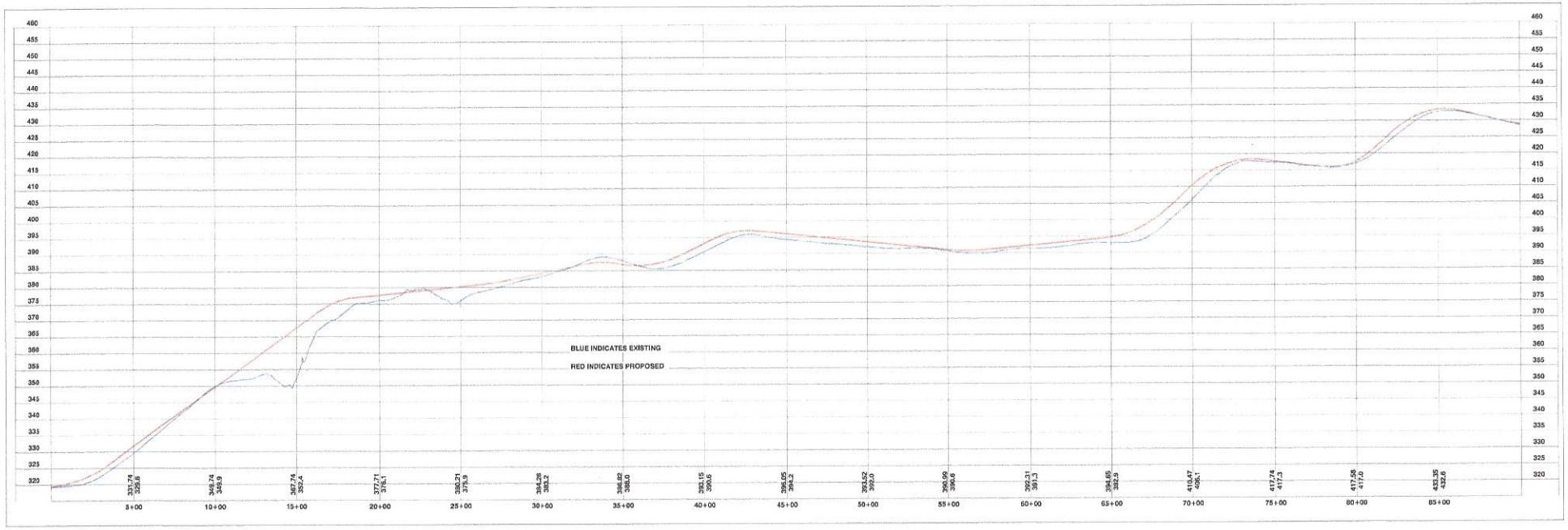
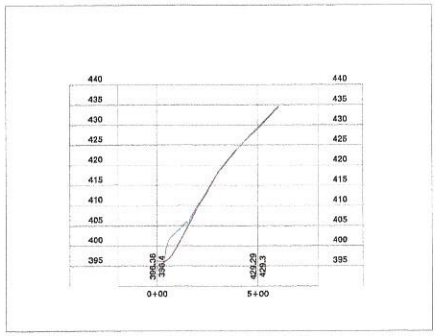
PROFESSIONAL ENGINEER

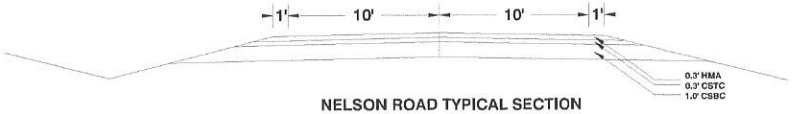
TWP. 12N. RGE. 2W. W.M.



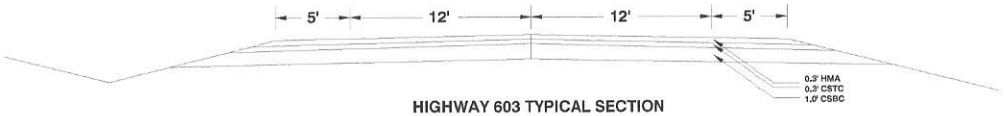
HIGHWAY 603 PROFILE



NELSON ROAD PROFILE



NELSON ROAD TYPICAL SECTION



HIGHWAY 603 TYPICAL SECTION

Lewis County
Department of Public Works

2025 NE KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : GJK
DRAWN BY : KRM
CHECKED BY :
DATE :

NO.	DATE	REVISION	BY	APP.

HIGHWAY 603 STABILIZATION PROJECT

RAP PROJECT NO: 2108-01
COUNTY ROAD PROJECT NO: 2144

PLAN AND PROFILE
STA 53+50.00 TO STA 65+00.00

SHEET 7 OF 7

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