

**Capital Improvement Program
2023-2028 Minor Amendment
Public Hearing Staff Report**

Date: May 17, 2023
Prepared by: Andrew Boughan, Associate Planner
Proponent/Applicant: Thurston County
Action Requested: Amend the 2023-2028 CIP with updated financial information and project descriptions for one (1) capital facility.
Location: Thurston County
APN: N/A
Acres: N/A
Current Land Use and Zoning: N/A

☒ Comprehensive Plan Changes: ☐ Map Changes ☒ Text Changes ☐ Both
☐ Development Code Amendments
☐ Affected Jurisdictions

BACKGROUND

The Growth Management Act requires the County to maintain a capital facilities element that includes a 6-year financing plan for all capital facilities that identifies sources of funding (RCW 36.70A.070(3)). The Capital Improvement Plan (CIP) is that 6-year financing plan.

The CIP was last updated in December 2022, and plans for capital facilities over the 2023-2028 timeframe. The County is currently amending its budget, which includes anticipated spending for a new project that was approved for the 2023-2025 transportation fiscal biennium. The capital facilities element may be amended concurrently with the amendment of a county budget (RCW 36.70A.130(2)(a)(iv)).

One (1) new project is proposed to be added to the CIP: the installation of a roundabout at the interchange of State Road 507 at Vail Road SE. Amendments include a new project description and updates to the financial planning tables.

During the 2023 state legislative session, the legislature appropriated \$21M in ‘Move Ahead Washington’ funding for the construction of three critical roundabouts on State Route 507. Local agencies are responsible for the design and construction of these projects in partnership with the Washington State Department of Transportation (WSDOT). The project SR 507 and Vail Road SE Roundabout is in partnership with Thurston County. WSDOT will provide each local jurisdiction a project implementation agreement within 180 calendar days of the effective date of the transportation budget act. The implementation agreement may provide full control for the local

1 authority to construct the project. This project was identified as an element of the WSDOT's Target
2 Zero strategic highway safety plan with a goal to reduce serious and fatal crashes on state highways
3 to zero by the year 2030.

4 5 **CONSISTENCY WITH THE COMPREHENSIVE PLAN**

6 Per County policy, the addition of new projects to the CIP must follow a Comprehensive Plan
7 amendment process (Chapter 6- Capital Facilities, Objective 1-F, Policy 5). Chapter 6-Capital
8 Facilities of the Thurston County Comprehensive Plan states that investments in the transportation
9 network should include road safety improvements.

10 11 **FINANCIAL IMPACT:**

12 This action, amending the CIP, does not have an immediate financial impact. The amendment
13 allows Thurston County to accept fund from the WSDOT funds and begin work on the roundabout
14 at the intersection of SR 507 and Vail Road SE. Estimated costs are included in the attached,
15 amended financial tables.

16 17 **SEPA:**

18 A non-project SEPA determination has been issued for this amendment, pursuant to WAC 197-
19 11-704. A Determination of Nonsignificance was published in *The Olympian* on April 28, 2023,
20 and routed to jurisdictions, state agencies, and other interested parties, and posted to the web page.
21 This determination incorporates by reference previous environmental analysis for the 2023-2028
22 CIP adoption in December 2022.

23 24 **NOTIFICATION:**

25 The Board of County Commissioners authorized a waiver to the standard noticing timelines for
26 public hearings on May 2, 2023.

27
28 The noticing wavier provides Thurston County staff the ability to meet tight deadlines that would
29 not otherwise be possible under the standard noticing practices. Each waiver request is approved
30 by the Board of County Commissioners and is project specific. Thurston County Code Title 2,
31 2.05.030(E)(3) states:

32 3. *Notification of public hearings shall describe the time, place and purpose of the hearing,*
33 *and shall be published in the county's official newspaper of record at least twenty days*
34 *prior to the public hearing, unless a waiver has been granted by the Thurston County board*
35 *of commissioners, subject to the following criteria:*

36 a. *Publishing the notice within the period of time otherwise required by law will afford*
37 *adequate notice to the public; and*

38 b. *The waiver is necessary to allow action to be taken in a timely manner.*
39

40 4. *A waiver still requires notification at least ten days prior to a public hearing. News*
41 *releases shall be mailed to local media announcing public hearings. Additional notification*
42 *measures shall also be employed as appropriate.*
43

44 Notification was posted online, published in the Olympian, sent to webmail subscribers, and a
45 press release was issued on May 5, 2023. The website was also updated.
46

1 **PUBLIC COMMENT:**

2 No public comment on this item has been received to date.

3

4 **ATTACHMENTS**

5 Attachment A: Proposed Amendment to the 2023-2028 Capital Improvement Program

6 Attachment B: SEPA Determination of Nonsignificance



COUNTY COMMISSIONERS

Carolina Mejia-Barahona
District One

Gary Edwards
District Two

Tye Menser
District Three

**COMMUNITY PLANNING &
ECONOMIC DEVELOPMENT DEPARTMENT**

Creating Solutions for Our Future

Joshua Cummings, Director

MEMORANDUM

TO: Thurston County Planning Commission

FROM: Community Planning

DATE: May 17, 2023

SUBJECT: 2023-2028 Minor Amendments to the Thurston County Capital Improvement Program (CIP), Appendix G of the Thurston County Comprehensive Plan

PROPOSED AMENDMENTS

The following are the proposed amendments to the 2023-2028 Capital Improvement Program, or Appendix G of the Thurston County Comprehensive Plan:

Table 1-1 Summary by Revenue Source

Revenue Sources	Parks and Open Space	Solid Waste	Storm and Surface Water Utility	Water and Sewer Utility	Transportation	County Buildings	Totals by Revenue Source
Existing Revenues							
Central Services Building Reserve						\$5,450,000	\$5,450,000
Detention Sales Tax						\$2,000,000	\$2,000,000
Grants Committed	\$5,466,000		\$427,500	\$5,980,000	\$14,768,100	\$900,000	\$27,541,600
Other, Federal/State/Local Agency	\$172,500				\$16,555,395 \$23,555,395		\$16,727,895 \$23,727,895
Parks Impact Fees	\$2,445,650						\$2,445,650
Real Estate Excise Tax	\$7,643,250			\$2,685,000	\$21,468,011	\$47,750,000	\$79,546,261
Road Fund					\$43,649,526	\$100,000	\$43,749,526
Solid Waste Tipping Fees, Rates and Charges		\$29,717,645					\$29,717,645
Stormwater Utility Rates			\$5,984,500		\$150,000		\$6,134,500
Transportation Impact Fees					\$3,079,927		\$3,079,927
Trial Court Improvement Fund						\$2,050,000	\$2,050,000

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Utility Revenue				\$7,209,000			\$7,209,000
Existing Revenues Totals	\$15,727,400	\$29,717,645	\$6,412,000	\$15,874,000	\$99,670,959 \$106,670,959	\$58,250,000	\$219,521,004 \$232,652,004

Revenue Sources	Parks and Open Space	Solid Waste	Storm and Surface Water Utility	Water and Sewer Utility	Transportation	County Buildings	Totals by Revenue Source
Proposed New Revenues or Increased Rates							
Bonds - Future						\$60,500,000	\$60,500,000
Utility Loans/Grants							\$0
Proposed Totals						\$60,500,000	\$60,500,000

REVENUE TOTALS	\$15,727,400	\$29,717,645	\$6,412,000	\$15,874,000	\$99,670,959 \$106,670,959	\$118,750,000	\$286,152,004 \$293,152,004
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Table 1-2 Summary by Division and Year

Divisions	2023	2024	2025	2026	2027	2028	Total	% of Total Cost (rounded)
Parks	\$2,521,400	\$1,479,800	\$2,874,800	\$4,955,400	\$2,646,000	\$1,250,000	\$15,727,400	5%
Solid Waste	\$10,955,000	\$8,390,000	\$9,122,645	\$800,000	\$300,000	\$150,000	\$29,717,645	10%
Storm & Surface Water	\$985,000	\$3,172,000	\$1,140,000	\$845,000	\$145,000	\$125,000	\$6,412,000	2%
Transportation	\$23,903,900 \$24,153,900	\$31,796,971 \$36,046,971	\$16,530,088 \$19,030,088	\$9,290,000	\$9,050,000	\$9,100,000	\$99,670,959 \$106,670,959	35% 36%
Water & Sewer	\$2,577,000	\$6,509,000	\$4,047,000	\$1,336,000	\$700,000	\$705,000	\$15,874,000	6% 5%
General Government Facilities	\$14,350,000	\$18,050,000	\$40,350,000	\$21,000,000	\$2,200,000	\$22,800,000	\$118,750,000	42% 41%
Total	\$55,292,300 \$55,542,300	\$69,397,771 \$73,647,771	\$74,064,533 \$76,564,533	\$38,226,400	\$15,041,000	\$34,130,000	\$286,152,004 \$293,152,004	100.00%

Table 5-2 Transportation Proposed Projects and Funding

REVENUES FOR PROJECTS							
Fund Source	2023	2024	2025	2026	2027	2028	6-Yr. Total
County Roads Fund	\$6,928,448	\$10,032,940	\$8,256,138	\$6,282,000	\$6,050,000	\$6,100,000	\$43,649,526
Storm & Surface Water Utility Rates	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Public Works Trust Fund Loan	\$0	\$4,350,000	\$0	\$0	\$0	\$0	\$4,350,000
Transportation Improvement Board	\$1,506,680	\$2,093,320	\$0	\$0	\$0	\$0	\$3,600,000
Transportation Impact Fees	\$2,104,268	\$975,659	\$0	\$0	\$0	\$0	\$3,079,927

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Surface Transportation Program / Surface Transportation Block Grant Program	\$2,155,308	\$3,097,292	\$2,162,500	\$0	\$0	\$0	\$7,415,100
Federal Bridge Replacement Fund (BRAC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local City	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Safe Routes to School Grant	\$335,000	\$1,105,000	\$0	\$0	\$0	\$0	\$1,440,000
National Highway Freight Program Grant	\$303,000	\$0	\$0	\$0	\$0	\$0	\$303,000
Highway Safety Improvement Program	\$265,000	\$3,341,000	\$465,000	\$0	\$0	\$0	\$4,071,000
Rural Arterial Program	\$135,000	\$501,300	\$2,646,450	\$8,000	\$0	\$0	\$3,290,750
State Grant/Appropriation	\$0 \$250,000	\$50,000 \$4,300,000	\$0 \$2,500,000	\$0	\$0	\$0	\$50,000 \$7,050,000
Real Estate Excise Tax	\$5,468,011	\$4,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$21,468,011
Other (Developer, other agency, or bond)	\$1,049,993	\$193,652	\$0	\$0	\$0	\$0	\$1,243,645
Park Impact Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0
National Highway Safety Grant	\$3,503,192	\$2,056,808	\$0	\$0	\$0	\$0	\$5,560,000
Federal Highway Bicycle/Pedestrian Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS	\$23,903,900 \$24,153,900	\$31,796,971 \$36,046,971	\$16,530,088 \$19,030,088	\$9,290,000	\$9,050,000	\$9,100,000	\$99,670,959 \$106,670,959

EXPENDITURES FOR PROJECTS									
Project Name	Fund Source	Urban Growth Area	2023	2024	2025	2026	2027	2028	6-Yr. Total
Yelm Highway and Meridian Rd Intersection Improvements	STP/TIF/CRF	Lacey	\$10,000						\$10,000
Vail Rd SE Improvements Phase 2 (138th Ave SE to 153rd Ave SE)	RAP/CRF	Rural Thurston County	\$5,000						\$5,000
Marvin Rd Upgrade Phase 2 (Mullen Rd Intersection)	Dev/CRF	Lacey	\$5,000						\$5,000
Pacific Avenue Safety	STP/HSIP/CRF	Lacey	\$15,000						\$15,000
Fish Passage Enhancement Program (2022 - 2023)	REET	Countywide	\$1,618,011						\$1,618,011
Road Preservation & Rehabilitation Program (2022 - 2023)	REET/CRF	Countywide	\$3,000,000						\$3,000,000
Pacific Ave SE Pavement Preservation - (Lacey City Limits to Union Mills Rd SE)	NHS/REET	Lacey	\$1,724,823	\$1,621,435					\$3,346,258
Yelm Hwy SE Pavement Preservation - (Rich Rd SE to Lacey City Limits)	NHS/REET		\$1,778,369	\$2,094,300					\$3,872,669
Americans with Disabilities Act (ADA) Improvements (2022 - 2023)	Dev/CRF	Countywide	\$50,000						\$50,000
Marvin Rd Upgrade Phase 1 (22nd Ave to Union Mills Rd)	TIB/TIF/Dev/CRF	Lacey	\$3,181,941	\$3,855,848	\$15,000				\$7,052,789
Marvin RD Upgrade Phase 3 (Union Mills RD to Pacific AVE)	TIB/CRF	Lacey				\$50,000			\$50,000
Black Lake Belmore RD Bridge Approach Repair	REET/CRF	Tumwater	\$2,910,000						\$2,910,000
US 12 Urban Improvements Phase 1 (Old Hwy 99 SW to W UGA Boundary)	REET/TIF/Dev/CRF	Grand Mound	\$3,467,000						\$3,467,000

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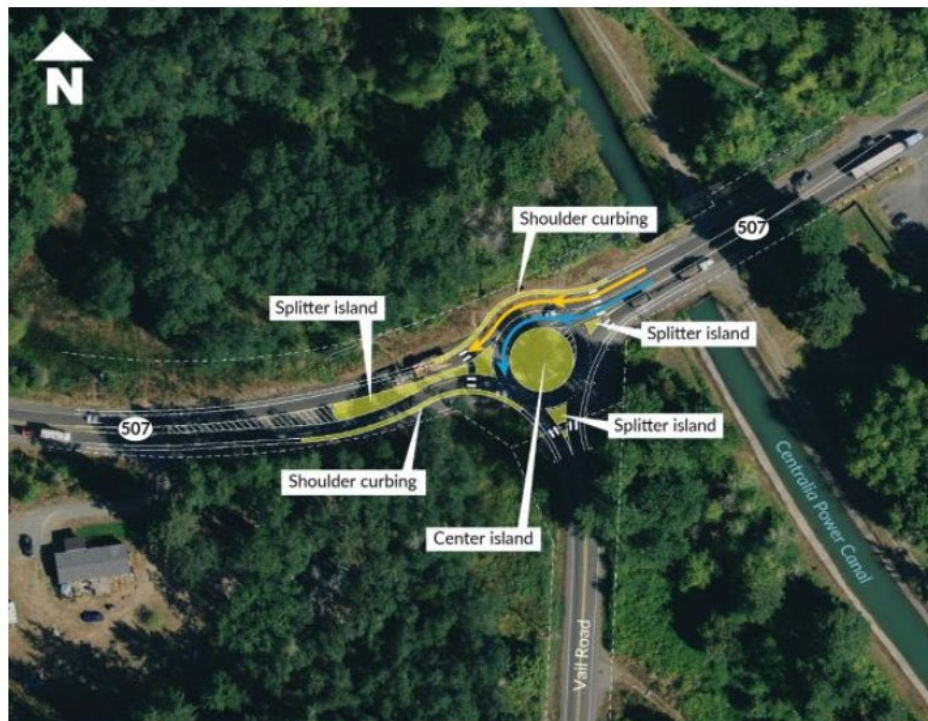
Little Rock Road & 113th Ave SW Bridge and Intersection Improvements	TIF/STBG/CRF	Rural Thurston County	\$2,280,718	\$450,000	\$7,000				\$2,737,718
Johnson Point Rd & Hawks Prairie Rd Intersection Improvements	TIF/Dev/STBG	Rural Thurston County	\$240,000	\$3,374,962	\$7,000				\$3,621,962
Old Hwy 99 & Tilley Rd Intersection Improvements (HSIP)	CRF/TIF/RAP	Rural Thurston County	\$176,000	\$189,000	\$1,312,500	\$10,000			\$1,687,500
2024 County Road Safety (HSIP)	HSIP	Countywide	\$165,000	\$2,465,000	\$60,000				\$2,690,000
Evergreen Pkwy & Mud Bay Rd Interchange Improvements	CRF	Olympia	\$60,000						\$60,000
Sargent Rd SW - US12 to Old Hwy 99 SW (South Grand Mound UGA Improvements)	TIF/CRF	Grand Mound	\$10,000						\$10,000
Old Hwy 99 at Intersections of Sargent Rd and 201st Ave	STBG/CRF	Grand Mound	\$435,038	\$445,426	\$2,839,988	\$10,000			\$3,730,452
183rd Ave Phase 1 - (US 12 to Sargent Rd)	RAP/CRF	Rural Thurston County	\$200,000	\$807,000	\$2,219,600	\$10,000			\$3,236,600
Steamboat Island RD Bridge Rail and Pile Cap Repair	CRF	Rural Thurston County	\$10,000						\$10,000
Countywide Electrical Services Project (HSIP)	HSIP/CRF	Countywide	\$100,000	\$966,000	\$450,000				\$1,516,000
Carpenter Road Pedestrian Improvements - Regional Transition Center	REET		\$350,000						\$350,000
Country Club Road at Green Cove Culvert Replacement	REET/CRF/SSWU/PWTF	Rural Thurston County	\$650,000	\$7,690,000	\$10,000				\$8,350,000
Fish Passage Enhancement Program (2024 - 2028)	REET	Countywide		\$930,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,930,000
Complete Streets ADA Program 1-Pedestrian Crossing Improvements	TIB	Olympia	\$100,000	\$500,000				\$0	\$600,000
Road Preservation & Rehabilitation Program (2024 - 2028)	REET/CRF	Countywide		\$5,000,000	\$6,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$32,000,000
Americans with Disabilities Act (ADA) Improvements (2024 - 2028)	CRF	Countywide		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
113th Ave SE (SR 121/Tilley Rd S to McCorkle Rd SE)	CRF	Rural Thurston County						\$10,000	\$10,000
McCorkle Rd SE (113th Ave SE to Old Hwy 99)	CRF	Rural Thurston County						\$10,000	\$10,000
Bridge Program	CRF	Countywide						\$10,000	\$10,000
Culvert Program	CRF	Countywide						\$10,000	\$10,000
Pedestrian & Bicycle Program	CRF	Countywide						\$10,000	\$10,000
Shawn DR SW at UNT to Dempsey Creek Fish Passage	REET	Rural Thurston County		\$120,000	\$1,554,000	\$10,000			\$1,684,000
Thompson Creek RD at Thompson Creek Fish Passage	REET	Rural Thurston County							\$0

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Tilley Rd Bridge Replacement (T-2)	CRF/NHFP		\$350,000						\$350,000
Cooper RD SW at Mox Chehalis Creek Culvert Replacement	CRF		\$640,000	\$10,000					\$650,000
Pleasant Glade Elementary Pedestrian Improvements (SRTS)	CRF/SRTS		\$372,000	\$1,228,000	\$5,000				\$1,605,000
Rochester Main Street Improvements (US 12)	CRF					\$50,000			\$50,000
Yelm Hwy SE Bridge Replacement (O-12)	CRF					\$50,000			\$50,000
Steilacoom Rd Improvements Phase 1 (Pacific Ave NE to SR 510)	CRF					\$50,000			\$50,000
State Route 507 and Vail Rd SE Roundabout	Other		\$250,000	\$4,250,000	\$2,500,000				\$7,000,000
TOTALS			\$23,903,90 \$24,153,900	\$31,796,97 \$36,046,971	\$16,530,08 \$19,030,088	\$9,290,000	\$9,050,000	\$9,100,000	\$99,670,959 \$106,670,959

PROJECT DESCRIPTION TO BE ADDED TO CHAPTER 5 - TRANSPORTATION

STATE ROUTE 507 AND VAIL RD SE ROUNDABOUT



DESCRIPTION:

A single-lane roundabout with a raised island and splitter islands is proposed. The curbing will be mountable to accommodate vehicles of all sizes.

LOCATION: SR 507 at Vail Rd SE intersection.

JUSTIFICATION (Need/Demand):

Each year WSDOT evaluates all rural stop-controlled intersection on state highways to identify ways to reduce potential crashes. As a result of evaluation WSDOT determined that a single-lane roundabout is needed at this intersection to address potential collisions.

IMPLICATION OF NOT DOING THE PROJECT:

Safety improvements will not be made. Not doing the project will not support Thurston County Strategic Plan Initiative 8 – support robust and well-maintained infrastructure systems for a thriving community.



COUNTY COMMISSIONERS

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District One

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Tye Menser
District Three

**COMMUNITY PLANNING &
ECONOMIC DEVELOPMENT DEPARTMENT**

Creating Solutions for Our Future

Joshua Cummings, Director

SEPA DETERMINATION OF NONSIGNIFICANCE (DNS)

Proponent/	Thurston County Community Planning & Economic Development Department
Lead Agency	3000 Pacific Avenue SE, Olympia, WA 98501 Contact: Andrew Boughan, (360) 786-5505
Description of Proposal	This SEPA review is for a non-project amendment to the adopted 2023-2028 Thurston County Comprehensive Plan Appendix G. This amendment will add one (1) project description and update the financial planning tables in the CIP for one new capital facility - the installation of a roundabout at the interchange of State Road 507 at Vail Road SE. The CIP is a planning document, and although it identifies specific facility projects for purposes of budget and financing, amending this document is a non-project action.
Project No.	2023101821
SEPA Folder No.	XA 23 104791
Location of Proposal	Thurston County
Threshold Determination	The lead agency for this proposal has determined that it does not have a probable significant adverse impact upon the environment. An Environmental Impact Statement is <u>not</u> required under RCW 43.21C.030(2)(c). This decision was made after review by the Lead Agency of a completed Environmental Checklist and other information on file with the Lead Agency. This information is available to the public at www.thurstonplanning.org or upon request.
Responsible Official	Joshua Cummings, Director
Date of Issuance:	April 28, 2023
Comment Deadline:	May 12, 2023
Appeal Deadline:	May 19, 2023

Christina Chaput, Planning Manager

This Determination of Nonsignificance (DNS) is issued under WAC 197-11-340. The lead agency will not act on this proposal for 14 days from the date of issue or until the appeal period has passed, if applicable. No permits may be issued, and the applicant shall not begin work until after the comment and any appeal periods have expired and any other necessary permits are issued. If conditions are added, deleted, or modified during the 14 day review period, a modified DNS will be issued. Otherwise, this DNS will become final after the expiration of the comment deadline and appeal period, if applicable.

Appeals

Threshold determinations may be appealed pursuant to TCC 17.09.160 if: (1) a written notice of appeal, meeting the requirements of TCC 17.09.160(D), and the appropriate appeal fee is received by the Thurston County Community Planning and Economic Development Department within seven (7) calendar days of the last day of the comment period on the threshold determination and; (2) the person filing the appeal is an aggrieved party and submitted written comments prior to the comment deadline, per the requirements of TCC 17.09.160(B).

NOTE: The issuance of this Determination of Nonsignificance does not constitute project approval. The applicant must comply with all applicable requirements of Thurston County Departments and/or the Hearing Examiner prior to receiving permits.



THURSTON COUNTY
Community Planning & Economic Development
ENVIRONMENTAL CHECKLIST

A. Background [\[HELP\]](#)

1. Name of proposed project, if applicable:

Amendment to the 2023-2028 Capital Improvement Program

2. Name of applicant:

Thurston County Community Planning & Economic Development

3. Address and phone number of applicant and contact person:

Andrew Boughan, 3000 Pacific Avenue SE, Olympia WA 98501;
360-786-5505

4. Date checklist prepared:

4/26/2023

5. Agency requesting checklist:

Thurston County

6. Proposed timing or schedule (including phasing, if applicable):

Adoption planned by June 6, 2023

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

This is an amendment to the 2023-2028 Capital Improvement Program, Appendix G of the Comprehensive Plan. It will be amended in coordination with County budget amendments.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Amendment to SEPA record 202204845. Final EIS, Thurston County Comprehensive Plan, 1994, and Supplements. Required environmental review and permitting for individual projects listed in the CIP will be attained through project implementation.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

N/A

10. List any government approvals or permits that will be needed for your proposal, if known.

Amendments must be certified by WA State Dept. of Commerce as in compliance with the Growth

* * * * OFFICIAL USE ONLY * * * *

Folder Sequence # XA 23 104791

Project # 2023101821

Related Cases: Click or tap here to enter text.

Date Received: 4/28/2023

By: Click or tap here to enter text.

* * * * OFFICIAL USE ONLY * * * *

Management Act.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

This is an amendment to the adopted 2023-2028 Capital Improvement Program, Appendix G of the Thurston County Comprehensive Plan. This is a non-project action. See at the following link:
<https://www.thurstoncountywa.gov/departments/community-planning-and-economic-development/community-planning/comprehensive-plan-home/capital-improvement-program>

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Thurston County



THURSTON COUNTY
Community Planning & Economic Development
ENVIRONMENTAL ELEMENTS

B. Environmental Elements [\[help\]](#)

1. Earth [\[help\]](#)

a. General description of the site: (check one):

- ☒ Flat
- ☒ Rolling
- ☒ Hilly
- ☒ Steep Slopes
- ☒ Mountainous
- ☒ Other: Varies across the County

b. What is the steepest slope on the site (approximate percent slope)?

N/A

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

N/A

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

N/A

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

N/A

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

N/A

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

N/A

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

N/A

2. Air [\[help\]](#)

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities

if known.

N/A

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

N/A

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

N/A

3. Water [\[help\]](#)

- a. Surface Water: [\[help\]](#)

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

N/A

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

N/A

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

N/A

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

N/A

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

N/A

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

N/A

- b. Ground Water: [\[help\]](#)

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

N/A

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (Examples: Domestic sewage; industrial, containing the following chemicals. . .; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

N/A

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

N/A

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

N/A

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

N/A

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

N/A

4. Plants [\[help\]](#)

a. Check the types of vegetation found on the site:

- ☒deciduous tree: alder, maple, aspen, other
- ☒evergreen tree: fir, cedar, pine, other
- ☒shrubs
- ☒grass
- ☒pasture
- ☒crop or grain
- ☒Orchards, vineyards or other permanent crops.
- ☒wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- ☒water plants: water lily, eelgrass, milfoil, other
- ☒other types of vegetation: [Click or tap here to enter text.](#)

b. What kind and amount of vegetation will be removed or altered?

Varies across County

c. List threatened and endangered species known to be on or near the site.

Varies across County

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

N/A

- e. List all noxious weeds and invasive species known to be on or near the site.

N/A

5. Animals [\[help\]](#)

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: ☐ hawk, ☐ heron, ☐ eagle, ☐ songbirds, ☒ other: Varies across County

mammals: ☐ deer, ☐ bear, ☐ elk, ☐ beaver, ☒ other: Varies across County

fish: ☐ bass, ☐ salmon, ☐ trout, ☐ herring, ☐ shellfish, ☒ other: Varies across County

- b. List any threatened and endangered species known to be on or near the site.

Varies across County

- c. Is the site part of a migration route? If so, explain.

N/A

- d. Proposed measures to preserve or enhance wildlife, if any:

N/A

- e. List any invasive animal species known to be on or near the site.

N/A

6. Energy and Natural Resources [\[help\]](#)

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

N/A

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

N/A

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

N/A

7. Environmental Health [\[help\]](#)

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

N/A

- 1) Describe any known or possible contamination at the site from present or past uses.

N/A

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

N/A

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

N/A

- 4) Describe special emergency services that might be required.

N/A

- 5) Proposed measures to reduce or control environmental health hazards, if any:

N/A

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

N/A

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

N/A

- 3) Proposed measures to reduce or control noise impacts, if any:

N/A

8.Land and Shoreline Use [\[help\]](#)

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

N/A

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

N/A

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business

operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting?
If so, how:

N/A

- c. Describe any structures on the site.

N/A

- d. Will any structures be demolished? If so, what?

N/A

- e. What is the current zoning classification of the site?

Varies across County

- f. What is the current comprehensive plan designation of the site?

Varies across County

- g. If applicable, what is the current shoreline master program designation of the site?

Varies across County

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

N/A

- i. Approximately how many people would reside or work in the completed project?

N/A

- j. Approximately how many people would the completed project displace?

N/A

- k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

N/A

- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

N/A

9.Housing [\[help\]](#)

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

N/A

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

N/A

- c. Proposed measures to reduce or control housing impacts, if any:

N/A

10. Aesthetics [\[help\]](#)

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A

- b. What views in the immediate vicinity would be altered or obstructed?

N/A

- c. Proposed measures to reduce or control aesthetic impacts, if any:

N/A

11. Light and Glare [\[help\]](#)

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

N/A

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

N/A

- c. What existing off-site sources of light or glare may affect your proposal?

N/A

- d. Proposed measures to reduce or control light and glare impacts, if any:

N/A

12. Recreation [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity?

N/A

- b. Would the proposed project displace any existing recreational uses? If so, describe.

N/A

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

N/A

13. Historic and Cultural Preservation [\[help\]](#)

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.

Varies across County. Individual projects will be reviewed for historic and cultural resource at site level.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

Varies across County. Individual projects will be reviewed for historic and cultural resource at site level.

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

N/A

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

N/A

14. Transportation [\[help\]](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

N/A

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

N/A

- c. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

N/A

- d. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

N/A

- e. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these

estimates?

N/A

- f. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

N/A

- g. Proposed measures to reduce or control transportation impacts, if any:

N/A

15. Public Services [\[help\]](#)

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

N/A

- b. Proposed measures to reduce or control direct impacts on public services, if any.

N/A

16. Utilities [\[help\]](#)

- a. Check utilities currently available at the site:

☐electricity ☐natural gas ☐water ☐refuse service ☐telephone ☐sanitary sewer ☐septic system
Other: VARIES

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

N/A

C. Signature [\[HELP\]](#)

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: *Andrew Boughan*

Name of signee: Andrew Boughan

Position and Agency/Organization: Thurston County Community Planning

Date Submitted: 4 / 2 6 / 2 0 2 3

D. Supplemental sheet for nonproject actions [\[HELP\]](#)

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Roads and Transportation Services: Road construction projects have associated short-term noise impacts. Projects will improve traffic circulation thereby reducing localized emissions from autos, improve fish passage, and improve protection of groundwater from contamination.

Proposed measures to avoid or reduce such increases are:

See above. Additional measures to be determined at the individual project level.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Roads and Transportation Services: Each individual project will undergo review with appropriate state and federal agencies based on potential impacts. Projects will be required to comply with applicable Thurston County Codes and other federal, state, and local regulations.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

To be determined at the individual project level based on the Critical Areas Ordinance, Shoreline Master Program, and other local, state and federal habitat protection laws. Acquisition of additional open space and critical habitat areas will provide more habitat protection for important species. Fish passage projects improve access to habitat by fish species.

3. How would the proposal be likely to deplete energy or natural resources?

All development proposals are required to comply with the Thurston County Critical Areas Ordinance and Shoreline Master Program as well as state and federal regulations that are intended to protect natural resource areas. Review will also take place with the State Environmental Policy Act at the project proposal level.

Proposed measures to protect or conserve energy and natural resources are:

All development proposals are required to comply with the Thurston County Critical Areas Ordinance and Shoreline Master Program as well as state and federal regulations that are intended to protect natural resource areas. Review will also take place with the State Environmental Policy Act at the project proposal level.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Road construction projects have associated short-term noise impacts. Raising roadways and installation of larger roadway culverts to allow fish passage will result in more opportunities to reach spawning habitat by listed salmonids.

Proposed measures to protect such resources or to avoid or reduce impacts are:

See above. Additional mitigation measures to be determined at the individual project level in compliance with local critical areas regulations, shoreline rules, and state and federal laws protecting sensitive areas.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

All planned projects must be consistent with the county's Shoreline Management Program, Critical Areas Ordinance, basin plans, and other county, state and federal planning documents and regulations and will be required to go through all appropriate review processes.

Proposed measures to avoid or reduce shoreline and land use impacts are:

To be determined at the individual project level.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

No increase in demands anticipated. Proposals are geared toward maintaining or improving the levels of service set for each facility, including roads and utilities. It is possible that some road improvements will result in increased use of certain roadways, with associated local impacts from traffic.

Proposed measures to reduce or respond to such demand(s) are:

CIP projects are designed to respond to forecast increases in population and corresponding demand on facilities.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

None. The goal of this project is to be in full compliance with the Growth Management Act. Additional environmental review to ensure compliance with local, state, and federal environmental laws will be required at the permitting stage for each project.