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Clackamas County
www.clackamas.us



DAN JOHNSON
DIRECTOR

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DEVELOPMENT SERVICES BUILDING
150 BEAVERCREEK ROAD OREGON CITY, OR 97045

September 10, 2026

BCC Agenda Item: _____

Board of County Commissioners
Clackamas County

Approval of a Professional Services Contract #1874 with Kittelson & Associates, Inc for the Shared Streets Implementation Project. Total Contract Value is \$249,960.00 for 15 months. Funding is through County Road Fund. No County General Funds are involved.

Previous Board Action/Review: Land Use Hearing on May 13, 2025 approving the Walk Bike Clackamas Plan. Shared Streets are an element of the Walk Bike Clackamas Plan.

Performance Clackamas: Strong Infrastructure

Counsel Review: Yes

Procurement Review: Yes

Contact Person: Scott Hoelscher

Contact Phone: 503-742-4533

EXECUTIVE SUMMARY: One outcome of the Walk Bike Clackamas (WBC) Plan was the development of a Shared Street network. Shared Streets are roadways designed to accommodate pedestrians, bicyclists, and motor vehicles, with speed limits reduced to 20 mph to create a safer and more comfortable environment for all users. Additional traffic-calming and safety elements may include pavement markings, signage, and speed bumps.

Shared Streets provide multiple benefits, including connections between other active transportation facilities, such as sidewalks and bike lanes. They also create opportunities for residents to safely recreate, socialize, and travel within their neighborhoods. Shared Streets are typically located on roads classified as local streets.

The Shared Streets Implementation Project seeks to establish a sustainable, long-term Shared Street network consistent with the recommendations identified in the adopted WBC Plan. The project will also include an update to the Local Streets Traffic Calming and Skinny Streets Program, which was originally developed in 1997.

RECOMMENDATION: Staff respectfully requests the Borad to sign the attached Professional Services Contract #1874 with Kittelson & Associates, Inc for the Shared Streets Implementation Project.

Respectfully submitted,

Dan Johnson

Dan Johnson, Director
Department of Transportation &
Development

For Filing Use Only



**CLACKAMAS COUNTY
PERSONAL SERVICES CONTRACT
Contract #0000001874**

This Personal Services Contract (this “Contract”) is entered into between **Kittelson & Associates, Inc.** (“Contractor”), and Clackamas County, a political subdivision of the State of Oregon (“County”), acting by and through its Department of Transportation and Development.

ARTICLE I.

- 1. Effective Date and Duration.** This Contract shall become effective upon signature of both parties. Unless earlier terminated or extended, this Contract shall expire on **December 31, 2027**.
- 2. Scope of Work.** Contractor shall provide the following personal services: consulting services for the Shared Streets Implementation Project (“Work”), further described in **Exhibit A**. The Work authorized by this Contract is limited to the preliminary design phase work described in Exhibit A.
- 3. Consideration.** The County agrees to pay Contractor, from available and authorized funds, a sum not to exceed **Two Hundred Forty-Nine Thousand Nine Hundred Sixty Dollars (\$249,960.00)** for accomplishing the Work required by this Contract. Consideration rates are on a time and materials basis in accordance with the rates and costs specified in **Exhibit B**. If any interim payments to Contractor are made, such payments shall be made only in accordance with the schedule and requirements in Exhibit B.
- 4. Invoices and Payments.** Unless otherwise specified, Contractor shall submit monthly invoices for Work performed. Invoices shall describe all Work performed with particularity, by whom it was performed, and shall itemize and explain all expenses for which reimbursement is claimed. The invoices shall include the total amount billed to date by Contractor prior to the current invoice. If Contractor fails to present invoices in proper form within sixty (60) calendar days after the end of the month in which the services were rendered, Contractor waives any rights to present such invoice thereafter and to receive payment therefor. Payments shall be made in accordance with ORS 293.462 to Contractor following the County’s review and approval of invoices submitted by Contractor. Contractor shall not submit invoices for, and the County will not be obligated to pay, any amount in excess of the maximum compensation amount set forth above. If this maximum compensation amount is increased by amendment of this Contract, the amendment must be fully effective before Contractor performs Work subject to the amendment.

Invoices shall reference the above Contract Number and be submitted to: 150 Beavercreek Road, Oregon City, Oregon 97045.

- 5. Travel and Other Expense.** Authorized: ☐ Yes ☒ No
If travel expense reimbursement is authorized in this Contract, such expense shall only be reimbursed at the rates in the County Contractor Travel Reimbursement Policy, hereby incorporated by reference and found at: <https://www.clackamas.us/finance/terms.html>. Travel expense reimbursement is not in excess of the not to exceed consideration.
- 6. Contract Documents.** This Contract consists of the following documents, which are listed in descending order of precedence and are attached and incorporated by reference, this Contract, Exhibit A and Exhibit B.

7. Contractor and County Contacts.

Contractor Administrator: Susan Wright Phone: 503-535-7432 Email: swright@kittelson.com	County Administrator: Laura Kitts Phone: 503-742-4697 Email: LKitts@clackamas.us
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Payment information will be reported to the Internal Revenue Service (“IRS”) under the name and taxpayer ID number submitted. (See I.R.S. 1099 for additional instructions regarding taxpayer ID numbers.) Information not matching IRS records will subject Contractor payments to backup withholding.

ARTICLE II.

1. **Access to Records.** Contractor shall maintain books, records, documents, and other evidence, in accordance with generally accepted accounting procedures and practices, sufficient to reflect properly all costs of whatever nature claimed to have been incurred and anticipated to be incurred in the performance of this Contract. County and their duly authorized representatives shall have access to the books, documents, papers, and records of Contractor, which are directly pertinent to this Contract for the purpose of making audit, examination, excerpts, and transcripts. Contractor shall maintain such books and records for a minimum of six (6) years, or such longer period as may be required by applicable law, following final payment and termination of this Contract, or until the conclusion of any audit, controversy or litigation arising out of or related to this Contract, whichever date is later.
2. **Availability of Future Funds.** Any continuation or extension of this Contract after the end of the fiscal period in which it is written is contingent on a new appropriation for each succeeding fiscal period sufficient to continue to make payments under this Contract, as determined by the County in its sole administrative discretion.
3. **Captions.** The captions or headings in this Contract are for convenience only and in no way define, limit, or describe the scope or intent of any provisions of this Contract.
4. **Compliance with Applicable Law.** Contractor shall comply with all applicable federal, state and local laws, regulations, executive orders, and ordinances, as such may be amended from time to time.
5. **Counterparts.** This Contract may be executed in several counterparts (electronic or otherwise), each of which shall be an original, all of which shall constitute the same instrument.
6. **Governing Law.** This Contract, and all rights, obligations, and disputes arising out of it, shall be governed and construed in accordance with the laws of the State of Oregon and the ordinances of Clackamas County without regard to principles of conflicts of law. Any claim, action, or suit between County and Contractor that arises out of or relates to the performance of this Contract shall be brought and conducted solely and exclusively within the Circuit Court for Clackamas County, for the State of Oregon. Provided, however, that if any such claim, action, or suit may be brought in a federal forum, it shall be brought and conducted solely and exclusively within the United States District Court for the District of Oregon. In no event shall this section be construed as a waiver by the County of any form of defense or immunity, whether sovereign immunity, governmental immunity, immunity based on the Eleventh Amendment to the Constitution of the United States or otherwise, from any claim or from the jurisdiction of any court. Contractor, by execution of this Contract, hereby consents to the personal jurisdiction of the courts referenced in this section.
7. **Indemnity, Responsibility for Damages.** Contractor shall be responsible for all damage to property, injury to persons, and loss, expense, inconvenience, and delay which may be caused by, or result from, any fault, negligence, willful misconduct or breach of this Contract by Contractor, its subcontractors, agents, or employees. The Contractor agrees to indemnify and defend the County, and its officers, elected officials, agents, and employees, from and against all claims, actions, losses, liabilities, including reasonable attorney and accounting fees, and all expenses incidental to the investigation and defense thereof, arising out of or based upon Contractor’s negligent acts or omissions in performing under this Contract. Provided, however, that pursuant to ORS 30.140(4), Contractor’s duty to defend obligations arising from or related to Contractor’s professional

negligence, or related to professional services provided by Contractor, are limited to reimbursement of County's reasonable defense costs (including reasonable attorney fees) in an amount not to exceed the proportionate fault of Contractor, as determined by adjudication, alternative dispute resolution, or otherwise resolved by settlement agreement.

However, neither Contractor nor any attorney engaged by Contractor shall defend the claim in the name of County, purport to act as legal representative of County, or settle any claim on behalf of County, without the approval of the Clackamas County Counsel's Office. County may assume its own defense and settlement at its election and expense.

- 8. Independent Contractor Status.** The service(s) to be rendered under this Contract are those of an independent contractor. Although the County reserves the right to determine (and modify) the delivery schedule for the Work to be performed and to evaluate the quality of the completed performance, County cannot and will not control the means or manner of Contractor's performance. Contractor is responsible for determining the appropriate means and manner of performing the Work. Contractor is not to be considered an agent or employee of County for any purpose, including, but not limited to: (A) The Contractor will be solely responsible for payment of any Federal or State taxes required as a result of this Contract; and (B) This Contract is not intended to entitle the Contractor to any benefits generally granted to County employees, including, but not limited to, vacation, holiday and sick leave, other leaves with pay, tenure, medical and dental coverage, life and disability insurance, overtime, Social Security, Workers' Compensation, unemployment compensation, or retirement benefits.
- 9. Insurance.** Contractor shall secure at its own expense and keep in effect during the term of the performance under this Contract the insurance required and minimum coverage indicated below. The insurance requirement outlined below do not in any way limit the amount of scope of liability of Contractor under this Contract. Contractor shall provide proof of said insurance and name the County as an additional insured on all required liability policies with the exception of Professional Liability. Proof of insurance and notice of any material change should be submitted to the following address: Clackamas County Procurement Division, 2051 Kaen Road, Oregon City, OR 97045 or emailed to the County Contract Analyst.

Required - Workers Compensation: Contractor shall comply with the statutory workers' compensation requirements in ORS 656.017, unless exempt under ORS 656.027 or 656.126.
☒ Required – Commercial General Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per occurrence, with an annual aggregate limit of \$2,000,000 for Bodily Injury and Property Damage.
☒ Required – Professional Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per claim, with an annual aggregate limit of \$2,000,000 for damages caused by error, omission or negligent acts.
☒ Required – Automobile Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per accident for Bodily Injury and Property Damage.

The policy(s) shall be primary insurance as respects to the County. Any insurance or self-insurance maintained by the County shall be excess and shall not contribute to it. Any obligation that County agree to a waiver of subrogation is hereby stricken.

- 10. Limitation of Liabilities.** This Contract is expressly subject to the debt limitation of Oregon counties set forth in Article XI, Section 10, of the Oregon Constitution, and is contingent upon funds being appropriated therefore. Any provisions herein which would conflict with law are deemed inoperative to that extent. Neither party shall be liable for (i) any indirect, incidental, consequential or special damages under this Contract. Except for liability arising under or related to Article II, Section 13 or Section 20, neither party shall be liable for any damages of any sort arising solely from the

termination of this Contract in accordance with its terms.

- 11. Notices.** Except as otherwise provided in this Contract, any required notices between the parties shall be given in writing by personal delivery, email, or mailing the same, to the Contract Administrators identified in Article I, Section 7. If notice is sent to County, a copy shall also be sent to: Clackamas County Procurement, 2051 Kaen Road, Oregon City, OR 97045. Any communication or notice so addressed and mailed shall be deemed to be given five (5) days after mailing, and immediately upon personal delivery, or within 2 hours after the email is sent during County's normal business hours (Monday – Thursday, 7:00 a.m. to 6:00 p.m.) (as recorded on the device from which the sender sent the email), unless the sender receives an automated message or other indication that the email has not been delivered.
- 12. Ownership of Work Product.** All work product of Contractor that results from this Contract (the "Work Product") is the exclusive property of County. County and Contractor intend that such Work Product be deemed "work made for hire" of which County shall be deemed the author. If for any reason the Work Product is not deemed "work made for hire," Contractor hereby irrevocably assigns to County all of its right, title, and interest in and to any and all of the Work Product, whether arising from copyright, patent, trademark or trade secret, or any other state or federal intellectual property law or doctrine. Contractor shall execute such further documents and instruments as County may reasonably request in order to fully vest such rights in County. Contractor forever waives any and all rights relating to the Work Product, including without limitation, any and all rights arising under 17 USC § 106A or any other rights of identification of authorship or rights of approval, restriction or limitation on use or subsequent modifications. Notwithstanding the above, County shall have no rights in any pre-existing Contractor intellectual property provided to County by Contractor in the performance of this Contract except to copy, use and re-use any such Contractor intellectual property for County use only.
- 13. Representations and Warranties.** Contractor represents and warrants to County that (A) Contractor has the power and authority to enter into and perform this Contract; (B) this Contract, when executed and delivered, shall be a valid and binding obligation of Contractor enforceable in accordance with its terms; (C) Contractor shall at all times during the term of this Contract, be qualified, professionally competent, and duly licensed to perform the Work; (D) Contractor is an independent contractor as defined in ORS 670.600; and (E) the Work under this Contract shall be performed in accordance with the standard of professional skill and care required for a project of similar size, location, scope, and complexity, during the time in which the Work is being performed. The warranties set forth in this section are in addition to, and not in lieu of, any other warranties provided. The Contractor shall be responsible for the technical accuracy of its services and documents resulting therefrom, and County shall not be responsible for discovering deficiencies therein. The Contractor shall correct such deficiencies without additional compensation except to the extent such action is directly attributable to deficiencies in information furnished by the County.
- 14. Survival.** All rights and obligations shall cease upon termination or expiration of this Contract, except for the rights and obligations set forth in Article II, Sections 1, 6, 7, 10, 12, 13, 14, 15, 17, 20, 21, 25, 27, 28, 32, 33, and 34, and all other rights and obligations which by their context are intended to survive. However, such expiration shall not extinguish or prejudice the County's right to enforce this Contract with respect to: (a) any breach of a Contractor warranty; or (b) any default or defect in Contractor performance that has not been cured.
- 15. Severability.** If any term or provision of this Contract is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Contract did not contain the particular term or provision held to be invalid.

16. Subcontracts and Assignments. Contractor shall not enter into any subcontracts for any of the Work required by this Contract, or assign or transfer any of its interest in this Contract by operation of law or otherwise, without obtaining prior written approval from the County, which shall be granted or denied in the County's sole discretion. In addition to any provisions the County may require, Contractor shall include in any permitted subcontract under this Contract a requirement that the subcontractor be bound by this Article II, Sections 1, 7, 8, 13, 16 and 27 as if the subcontractor were the Contractor. County's consent to any subcontract shall not relieve Contractor of any of its duties or obligations under this Contract.

17. Successors in Interest. The provisions of this Contract shall be binding upon and shall inure to the benefit of the parties hereto, and their respective authorized successors and assigns.

18. Tax Compliance Certification. The Contractor shall comply with all federal, state and local laws, regulation, executive orders and ordinances applicable to this Contract. Contractor represents and warrants that it has complied, and will continue to comply throughout the duration of this Contract and any extensions, with all tax laws of this state or any political subdivision of this state, including but not limited to ORS 305.620 and ORS chapters 316, 317, and 318. Any violation of this section shall constitute a material breach of this Contract and shall entitle County to terminate this Contract, to pursue and recover any and all damages that arise from the breach and the termination of this Contract, and to pursue any or all of the remedies available under this Contract or applicable law.

19. Termination. This Contract may be terminated for the following reasons: (A) by mutual agreement of the parties or by the County (i) for convenience upon thirty (30) days written notice to Contractor, or (ii) at any time the County fails to receive funding, appropriations, or other expenditure authority as solely determined by the County; or (B) if Contractor breaches any Contract provision or is declared insolvent, County may terminate after thirty (30) days written notice with an opportunity to cure.

Upon receipt of written notice of termination from the County, Contractor shall immediately stop performance of the Work. Upon termination of this Contract, Contractor shall deliver to County all documents, Work Product, information, works-in-progress and other property that are or would be deliverables had the Contract Work been completed. Upon County's request, Contractor shall surrender to anyone County designates, all documents, research, objects or other tangible things needed to complete the Work.

20. Remedies. If terminated by the County due to a breach by the Contractor, then the County shall have any remedy available to it in law or equity. If this Contract is terminated for any other reason, Contractor's sole remedy is payment for the goods and services delivered and accepted by the County, less any setoff to which the County is entitled.

21. No Third Party Beneficiaries. County and Contractor are the only parties to this Contract and are the only parties entitled to enforce its terms. Nothing in this Contract gives, is intended to give, or shall be construed to give or provide any benefit or right, whether directly, indirectly or otherwise, to third persons unless such third persons are individually identified by name herein and expressly described as intended beneficiaries of the terms of this Contract.

22. Time is of the Essence. Contractor agrees that time is of the essence in the performance of this Contract.

23. Foreign Contractor. If the Contractor is not domiciled in or registered to do business in the State of Oregon, Contractor shall promptly provide to the Oregon Department of Revenue and the Secretary of State, Corporate Division, all information required by those agencies relative to this Contract. The

Contractor shall demonstrate its legal capacity to perform these services in the State of Oregon prior to entering into this Contract.

24. Force Majeure. Neither County nor Contractor shall be held responsible for delay or default caused by events outside the County or Contractor's reasonable control including, but not limited to, fire, terrorism, riot, acts of God, or war. However, Contractor shall make all reasonable efforts to remove or eliminate such a cause of delay or default and shall upon the cessation of the cause, diligently pursue performance of its obligations under this Contract.

25. Waiver. The failure of County to enforce any provision of this Contract shall not constitute a waiver by County of that or any other provision.

26. Public Contracting Requirements. Pursuant to the public contracting requirements contained in Oregon Revised Statutes ("ORS") Chapter 279B.220 through 279B.235, Contractor shall:

- a. Make payments promptly, as due, to all persons supplying to Contractor labor or materials for the prosecution of the work provided for in the Contract.
- b. Pay all contributions or amounts due the Industrial Accident Fund from such Contractor or subcontractor incurred in the performance of the Contract.
- c. Not permit any lien or claim to be filed or prosecuted against County on account of any labor or material furnished.
- d. Pay the Department of Revenue all sums withheld from employees pursuant to ORS 316.167.
- e. As applicable, the Contractor shall pay employees for work in accordance with ORS 279B.235, which is incorporated herein by this reference. The Contractor shall comply with the prohibitions set forth in ORS 652.220, compliance of which is a material element of this Contract, and failure to comply is a breach entitling County to terminate this Contract for cause.
- f. If the Work involves lawn and landscape maintenance, Contractor shall salvage, recycle, compost, or mulch yard waste material at an approved site, if feasible and cost effective.

27. No Attorney Fees. In the event any arbitration, action or proceeding, including any bankruptcy proceeding, is instituted to enforce any term of this Contract, each party shall be responsible for its own attorneys' fees and expenses.

28. Reserved.

29. Reserved.

30. Key Persons. Contractor acknowledges and agrees that a significant reason the County is entering into this Contract is because of the special qualifications of certain Key Persons set forth in the contract. Under this Contract, the County is engaging the expertise, experience, judgment, and personal attention of such Key Persons. Neither Contractor nor any of the Key Persons shall delegate performance of the management powers and responsibilities each such Key Person is required to provide under this Contract to any other employee or agent of the Contractor unless the County provides prior written consent to such delegation. Contractor shall not reassign or transfer a Key Person to other duties or positions such that the Key Person is no longer available to provide the County with such Key Person's services unless the County provides prior written consent to such reassignment or transfer.

31. Reserved.

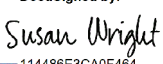
32. Reserved.

33. Reserved.

34. Merger. THIS CONTRACT CONSTITUTES THE ENTIRE AGREEMENT BETWEEN THE PARTIES WITH RESPECT TO THE SUBJECT MATTER REFERENCED THEREIN. THERE ARE NO UNDERSTANDINGS, AGREEMENTS, OR REPRESENTATIONS, ORAL OR WRITTEN, NOT SPECIFIED HEREIN REGARDING THIS CONTRACT. NO AMENDMENT, CONSENT, OR WAIVER OF TERMS OF THIS CONTRACT SHALL BIND EITHER PARTY UNLESS IN WRITING AND SIGNED BY ALL PARTIES. ANY SUCH AMENDMENT, CONSENT, OR WAIVER SHALL BE EFFECTIVE ONLY IN THE SPECIFIC INSTANCE AND FOR THE SPECIFIC PURPOSE GIVEN. CONTRACTOR, BY THE SIGNATURE HERETO OF ITS AUTHORIZED REPRESENTATIVE, IS AN INDEPENDENT CONTRACTOR, ACKNOWLEDGES HAVING READ AND UNDERSTOOD THIS CONTRACT, AND CONTRACTOR AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS.

By their signatures below, the parties to this Contract agree to the terms, conditions, and content expressed herein.

Kittelson & Associates, Inc.

DocuSigned by:

 114486E3CA0F464...
 Authorized Signature Date

Susan Wright, Senior Principal Engineer
 Name / Title (Printed)

099459-81
 Oregon Business Registry #

DBC/Oregon
 Entity Type / State of Formation

Clackamas County

Signature Date

Name: _____

Title: _____

Approved for Legal Sufficiency:


 County Counsel Date

EXHIBIT A
SCOPE OF WORK

Scope of Work
SHARED STREETS IMPLEMENTATION PROJECT
Clackamas County Project Number PL2601
July 1, 2026

PROJECT BACKGROUND

The Clackamas County (County) Board of County Commissioners (BCC) adopted the *Walk Bike Clackamas (WBC) Plan* on June 17, 2025. The *WBC Plan* is the first full update to the County's Pedestrian Master Plan and Bicycle Master Plan since they were first adopted in 1996. The *WBC Plan* was the result of a two-and-a-half year-long planning process which created the county's first combined, consolidated bicycle and pedestrian plan. The goal was to provide a comprehensive, long-term vision for improving walking and biking opportunities in the County for both transportation and recreation.

A significant outcome of the *WBC Plan* was development of a Shared Streets network. The Clackamas County Comprehensive Plan defines Shared Street as: "*A bicycle and pedestrian facility whereby speed limits on local roads are reduced to 20 mph and bicycles and pedestrians share the roadway with vehicles. Additional elements may include pavement markings; signage; speed bumps and motor vehicle diversion.*" These streets provide multiple benefits, creating a safe environment to walk, bike, recreate and socialize, as well as the opportunity to build greener infrastructure into our public space. Typically, Shared Streets are on local road functional classifications. They can provide important connections within and between neighborhoods, shopping areas, and parks, among other destinations. The *Shared Streets Implementation Project* (Project) seeks to implement a sustainable, long-term Shared Street network as identified in the *WBC Plan*. The Project will also include an update to the *Local Streets Traffic Calming and Skinny Streets Program (Traffic Calming Program)* as described below.

In the urban unincorporated area of the County a majority of the local roadways and many collectors were originally constructed without sidewalks. It would take many decades and millions of dollars to build sidewalks along all these streets. Shared Streets offer a more flexible, less expensive option with fewer impacts on the environment. When constructed Shared Streets will be part of the pedestrian and bicycle network along with bike lanes, sidewalks and trails.

Planning for Shared Streets was included in the *WBC Plan* following complaints from residents concerning speeding through neighborhoods and Oregon Revised Statute (ORS 810.180) which now gives the County statutory authority to set the speed limit on local roads. Using ORS 810.180 as guidance, the *WBC Plan* determined a network of Shared Streets based on a multi-step process. First, basic feasibility considerations had to be met. The *WBC Plan* project team conducted initial screening to identify eligible Shared Street segments. Local roads posted at 25 mph with average daily traffic (ADT) less than 2,000 and no transit service were identified as candidate Shared Streets. Second, candidate streets were presented to the *WBC Plan* Advisory Committee and the Clackamas County Pedestrian and Bikeway Advisory Committee (PBAC) for feedback. Third, the public was surveyed and asked about level of support and to identify additional candidate locations. Through this process,

26 candidate Shared Streets segments were identified to fill gaps between multi-use paths; bike lanes and other active transportation facilities. (see Map 1 below and Table 1 on page 3).

Map 1: Walk Bike Clackamas Plan Shared Street Candidates

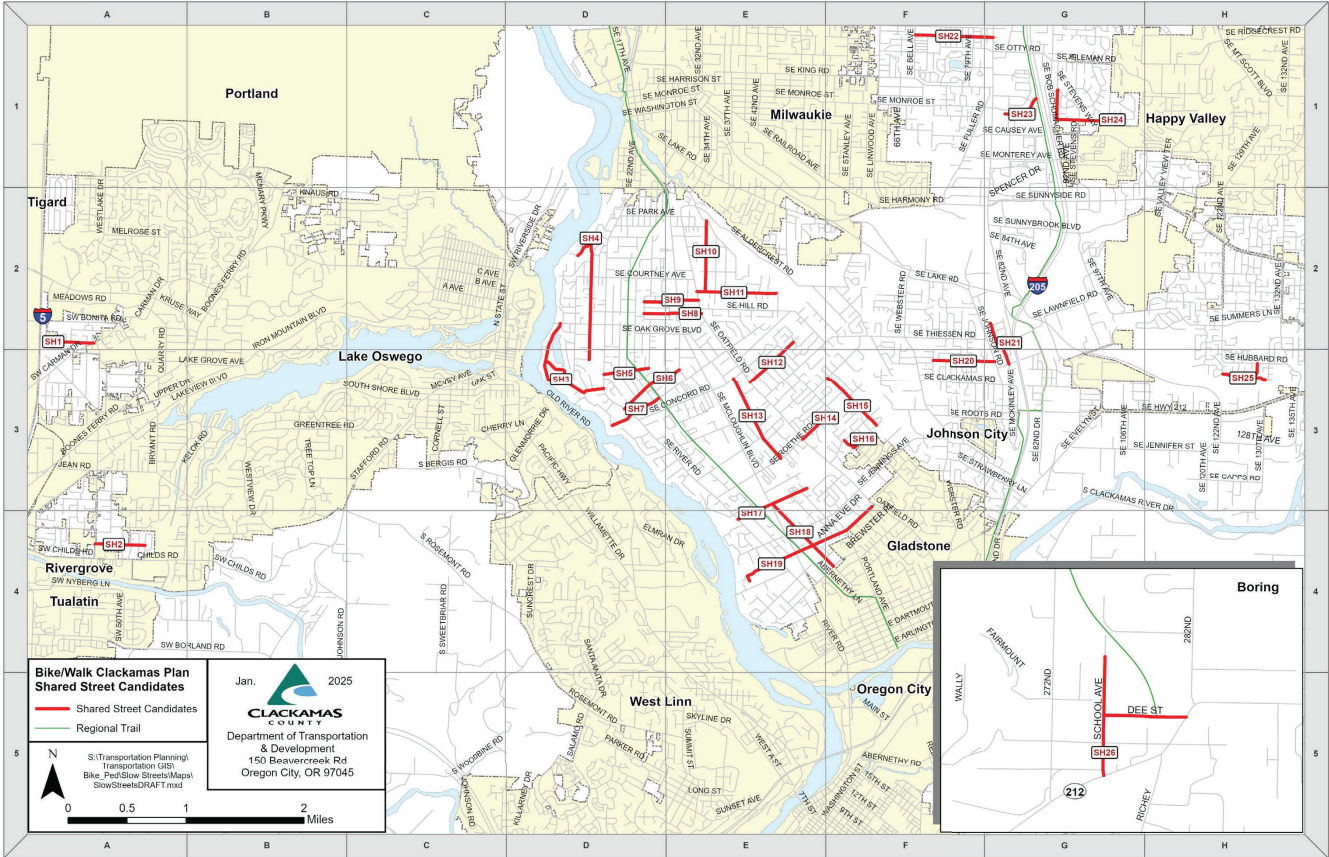


Table 1: Walk Bike Clackamas Plan Shared Street Candidates

Shared Street Candidate Identifier	Street Name(s)	Extent 1	Extent 2	Miles	Area	Map Locator
SH1	Burma Rd	Bangy Rd	Carman Dr	0.39	Northwest	A-3
SH2	Dawn St	SW Pilkington Rd	SW Indian Springs Rd	0.42	Northwest	A-4
SH3	SE River Forest Dr / SE River Forest Ct / SE River Forest Rd	SE River Rd	SE Oak Grove Blvd	1.30	McLoughlin	D-3
SH4	SE Laurie Ave	SE Anspach St	End of County Maintenance	1.13	McLoughlin	D-2
SH5	SE Creighton Ave	SE Arista Dr	SE Linden Ln	0.37	McLoughlin	D-3
SH6	SE Swain Ave	SE River Rd	SE East Ave	0.57	McLoughlin	D-3
SH7	SE Risley Ave	SE Oak Shore Ln	Trolley Trail	0.47	McLoughlin	D-3
SH8	SE Maple St	SE Bunnell St	SE Oatfield Ave	0.47	McLoughlin	E-2
SH9	SE Chestnut St / SE Pine Ln	SE Bunnell St	SE Oatfield Ave	0.43	McLoughlin	E-2
SH10	SE Briggs St	SE Pinehurst Ave	SE Nixon Ave	0.60	McLoughlin	D-2
SH11	SE Pinehurst Ave	SE Oatfield Rd	SE Piper Cub Way	0.67	McLoughlin	E-2
SH12	SE Robin Rd	SE Oatfield Rd	SE Wanda Dr	0.50	McLoughlin	E-3
SH13	SE Harold Ave	SE Roethe Rd	SE Concord Rd	0.79	McLoughlin	E-3
SH14	SE Roethe Rd	SE Oatfield Rd	SE Byron Dr	0.32	McLoughlin	E-3
SH15	SE Cordova Ct / SE Norma Rd	SE Oetkin Rd	SE Norma Cir	0.58	McLoughlin	F-3
SH16	SE Anna Eve Dr / SE Brewster Pl	SE McNary Rd	End of County Maintenance	0.28	McLoughlin	F-3
SH17	SE Boardman Ave	SE River Rd	SE Boardman Ct	0.62	McLoughlin	E-4
SH18	SE Addie St	SE Boardman Ave	Gladstone city limits	0.74	McLoughlin	E-4
SH19	SE Hull Ave	SE Water Edge Way	End of County Maintenance	1.27	McLoughlin	E-4
SH20	SE Cypress Ave	SE Johnson Rd	SE Del Rey Ave	0.53	McLoughlin	F-3
SH21	SE Orchid Ave	SE Carnation St	SE Jannsen Rd	0.37	McLoughlin	G-2
SH22	SE Lamphier St	SE Bell Ave	SE 82nd Ave	0.67	CTC West	F-1
SH23	SE Spencer Dr	SE 85th Ave	I-205 Multi-Use Path	0.33	CTC West	G-1
SH24	SE 92nd Ave / SE Hillcrest Rd	SE Stevens Way	SE 102nd Ave	0.68	CTC East	G-1
SH25	SE Bluff Dr / SE 128th Ave	SE Hubbard Rd	SE 130th Dr / SE Lostine Dr	0.50	CTC East	H-3
SH26	SE Dee St / SE School Ave	OR212	OR212 / Kipers Ln	0.73	East	CALLOUT

The Clackamas County *Local Streets Traffic Calming and Skinny Streets Program (Traffic Calming Program)* was adopted in 1997. The *Traffic Calming Program* outlines a process for identifying, prioritizing and mitigating problems related to traffic speeds and volumes on local streets in urban Clackamas County. The primary goal of the program is to improve the livability and safety on local residential streets. The *Traffic Calming Program* needs to be updated to reflect current regional and national best practices. Specifically, a step by step process for identifying and implementing neighborhood traffic calming solutions is needed.

PROJECT PURPOSE

Implement a Shared Street network as identified in the *WBC Plan* and create a sustainable traffic calming program by updating the *Traffic Calming Program*. As funding becomes available, Shared Streets will be constructed until network build-out is complete.

PROJECT DESIGN

The design of a Shared Street may involve different treatments that vary depending on the local context. For this Project, Shared Streets shall be divided into two groups: those that only receive 20 mph posted speed (Basic Shared Street); and those that receive 20 mph posted speed and traffic calming such as speed bumps and/or mini-traffic circles (Enhanced Shared Street).

PROJECT GOALS

- Expand County's active transportation network by providing places for people of all ages and abilities to walk and/or bike.
- Establish sustainable Shared Streets program to make county streets without sidewalks safer and more comfortable for walking and biking.
- Improve safety for all road users by encouraging slower speeds and turning movements.
- Determine most appropriate traffic calming techniques for Enhanced Shared Streets.

EXPECTED PROJECT OUTCOMES

- Prioritized list of Shared Streets for implementation divided into two categories: Basic Shared Street and Enhanced Shared Street.
- Street design concepts for Enhanced Shared Streets.
- Updated *Local Streets Traffic Calming and Skinny Street Program*.

SCOPE OF WORK

TASK 1: PROJECT MANAGEMENT AND PUBLIC ENGAGEMENT

1.1 Coordination

Consultant shall coordinate with County's Project Manager (PM) as the main point of contact and contact other County staff as necessary throughout the life of the Project to gather any additional information to complete tasks identified in this Scope of Work (SOW).

1.2 Project Management Team

A Project Management Team (PMT) consisting of staff from County and consultant team shall provide overall guidance for the Project and manage the day-to-day tasks related to keeping the Project on scope, schedule and budget.

1.3 Project Schedule

Consultant shall develop a Project Schedule for use and review at a Project Kickoff Meeting. Project schedule shall show all major tasks, meetings and review milestones. County shall provide comments at or after the Kickoff Meeting and Consultant shall complete one update to produce a Final Project schedule with additional updates throughout the project if needed.

1.4 Public Engagement – Community Planning Organizations (CPO) (County Task)

To ensure Shared Street will be a good fit for the community, Project will include public engagement process consisting of neighborhood meetings at the relevant Community Planning Organizations (CPO) and Clackamas County Pedestrian and Bikeway Advisory Committee (PBAC) meetings (Subtask 1.5). Prior to final design and installation of any Shared Street, county staff shall attend a CPO meeting to inform residents of the program; gather feedback and provide an overview of the specific segments programmed for implementation. A map of Shared Streets by CPO boundary is included in this SOW as Attachment A. Consultant shall review and comment on the agendas and meeting materials prepared by the County.

1.5 Public Engagement - Pedestrian and Bikeway Advisory Committee (PBAC) (County Task)

County shall regularly present to the Clackamas County Pedestrian and Bikeway Advisory Committee (PBAC). These meetings are community meetings subject to open meeting laws and protocols. The purpose of the PBAC meetings shall be to obtain feedback on Project, prioritization, design, and which segments shall be implemented first. County shall organize the meetings, present relevant information and prepare the agendas. Consultant shall review and comment on the agendas and meeting materials prepared by the County and attend and present at up to 1 meeting.

1.6 Project Meetings

Consultant shall organize and conduct a 1.5-hour Project kickoff meeting. The Project kickoff meeting will held at the County Development Services Building (DSB) in Oregon City with County PM, Consultant's PM and other county staff as necessary with hybrid attendance options for additional Consultant and County staff. Consultant shall prepare the meeting agenda with input from the County. The purpose of the Project kickoff meeting is to review SOW, deliverables, schedules, and budget. Consultant shall prepare a meeting summary of action items and next steps.

Subsequent to kickoff meeting, consultant shall convene and facilitate one-hour bi-weekly meetings and at key milestones as necessary. It is expected bi-weekly meetings will be virtual via Microsoft Teams or the Zoom platform. Consultant shall schedule and coordinate the meetings and shall provide an agenda in advance via-

email and an email summary after each meeting documenting direction received and action items for the Consultant and County.

Consultant Deliverables:

- 1.A Project Coordination
- 1.B Project Schedule (Draft and Final)
- 1.C CPO and PBAC Meeting Agenda/Materials Review, 1 PBAC Meeting Attendance / Presentation
- 1.D Kickoff Meeting Attendance and Summary
- 1.E Bi-Weekly Check-in Meetings

County Deliverables

- 1.F CPO Meetings – Presentations and Minutes
- 1.G Pedestrian and Bikeway Advisory Committee (PBAC) – Presentations and Minutes

TASK 2: DATA COLLECTION AND SIGNAGE

2.1 Traffic Counts

To confirm candidate Shared Streets are consistent with ORS 810.180, Consultant shall collect following data for the 26 *WBC Plan* Shared Streets:

- Average Daily Traffic (ADT) counts to confirm if roadway is less than or greater than 2,000 vehicles per day.
- 85th percentile data to verify that speed is less than or greater than 30 mph
- Desktop review to confirm posted speed and roadway is a local functional classification within a residential district.
- Bicycle and pedestrian count data for each Shared Street segment to establish mode share baseline.

Consultant shall collect operating speed, motor vehicle volume, and pedestrian and bicycle activity data for each of the 26 proposed Shared Streets network streets. The 26 candidate streets range from approximately one-quarter mile to more than one and one-quarter miles, with conditions that may vary along each corridor, particularly near SE McLoughlin Boulevard and at intersections with connectors and collectors. ADT field counts and field speed data collection will be collected for one weekday at up to 45 locations to accommodate up to 19 of the 26 candidate streets having a second data point location. 16-hour bicycle and pedestrian counts will be collected at up to 26 locations (one location per corridor).

Probe data from sources like TomTom and Replica will be used for initial screening to identify locations for field data collection based on where vehicle speed and volume conditions change and where the greatest bicycle and pedestrian activity is located. Consultant shall provide the draft list of data collection locations to the County for review. County shall confirm the proposed locations within one week.

After field data collection is complete, Consultant will assess the probe data for accuracy for and identify conditions that make it more and less reliable for future use and potential before/after studies.

2.2 Shared Street Signage (County Task)

County shall design Shared Street supplemental signage that can be installed as stand-alone signs and/or as placards attached to 20 mph regulatory signs. The objective is to reinforce Shared Streets as places for walking and biking and to encourage those modes. County shall also develop and maintain project web page.

2.3 Wayfinding Signage (County Task)

Wayfinding signs are not required for Shared Streets, however, they can help users identify and follow routes. The County shall coordinate with Consultant on an integrated wayfinding system which will complement and enhance the existing County bicycle wayfinding signage along urban bikeways. County shall be responsible for fabrication and installation of 20 mph signs and any associated wayfinding signage.

Consultant Deliverables:

- 2.A Traffic Counts – Volume and Speed at up to 45 locations
- 2.B Bicycle and Pedestrian Volume Counts at up to 26 locations
- 2.C Probe data vehicle volume and speed and bicycle and pedestrian volumes

County Deliverables:

- 2.D Shared Street Signage
- 2.E Wayfinding Sign Plan

TASK 3: ROUTE ASSESSMENTS

Task 3 shall assess candidate Shared Streets routes in order to develop clear steps for implementation. Two Shared Street categories shall be developed: 1) Basic Shared Streets: routes that will receive speed reduction to 20 mph and associated regulatory signage; and 2) Enhanced Shared Streets, routes that receive speed reduction to 20 mph and other features such as speed bumps; sharrows and mini-traffic circles. In general, the Enhance Shared Street category should be considered when traffic calming elements are needed to make the road suitable for safe bicycle and pedestrian travel and promote safety, livability in residential neighborhoods. Basic and Enhanced Shared Street assessment shall be made utilizing data collected in Task 2; national best practices; and public engagement at the CPO level. Other qualitative and/or quantitative analysis as agreed upon by the County and Consultant team may be utilized. The methodology and thresholds for recommendations shall be documented in a Basic and Enhanced Street Assessment Methodology Memorandum. Consultant shall produce a draft Methodology Memorandum for review by the County and will incorporate the County's comments to produce a Final Methodology Memorandum. The streets shall be evaluated and then identified as either Basic or Enhanced. The draft lists shall be provided to the County for review and comment. The Consultant shall prepare final lists of Basic and Enhanced Streets based on the County's comments prior to proceeding with Task 4.

Consultant Deliverables:

- 3.A Basic and Enhanced Street Assessment Methodology Memorandum
- 3.B List of Basic Shared Streets
- 3.C List of Enhanced Shared Streets

TASK 4: PRIORITIZATION

4.1 Prioritization Methodology

WBC Plan Chapter 6 (attached as Attachment C) includes a set of Screening Factors to identify the highest priority Shared Street routes for implementation. Screening Factors for both Basic and Enhanced Shared Street shall include criteria such as connectivity to significant destinations; does project fill gap in active transportation network? does segment align with Safe Routes to School Plan, among other factors. Using *WBC Plan* Screening Factors, Consultant shall develop a prioritization methodology to rank Shared Street segments from highest to lowest priority. In developing methodology, Consultant shall:

- Develop a data driven approach to prioritization that, when possible, incorporates GIS technology. The methodology will reflect Walk Bike Clackamas screening factors such as connectivity to essential destinations, and project-specific findings including traffic speeds, volumes, pedestrian and bicycle use, ease of implementation, and cost.
- Establish a process for organizing Shared Street segments into high, medium, and low priority implementation lists. Each factor will be scored at the roadway-segment level, in a way that can be weighted, reviewed individually or cumulatively, and/or mapped in GIS.
-

Consultant shall produce a draft Prioritization Methodology Memorandum for review by the County and will incorporate the County's comments to produce a Final Prioritization Methodology Memorandum.

4.2 Prioritization

To prioritize network buildout and identify the most critical Shared Street routes, Consultant shall apply the methodology developed in Subtask 4.1 and display scored and mapped Shared Street segments. Consultant shall investigate different weighting scenarios and prioritization outcomes and discuss with the County prior to finalizing.

Consultant shall produce a draft evaluation scores and maps for review by the County and will incorporate the County's comments to produce the Draft Prioritized Basic Shared Streets and Draft Prioritized Enhanced Shared Streets. Consultant shall finalize the lists based on comments from the County prior to proceeding with Task 5.

Prioritization lists for both Basic and Enhanced Shared Streets shall be developed.

4.3 Speed Zone Order (Clackamas County task)

Prior to construction, County shall prepare a Statutory Speed Zone Order under ORS 810.180(10) to be signed by County Traffic Engineer and County Road Official.

Consultant Deliverables:

- 4.A Prioritization Methodology Memo
- 4.B Draft evaluation scores and maps

- 4.C Prioritized Basic Shared Streets – high, medium and low priority
- 4.D Prioritized Enhanced Shared Streets – high, medium and low priority

County Deliverable

- 4.D Speed Zone Orders

TASK 5: DESIGN CONCEPTS

5.1 Enhanced Shared Street Design Concepts

Using the Shared Streets Elements in the *WBC Plan* (Figure 44 on Page 83 of adopted plan accessible [here](#)) and/or the NACTO design guide, Consultant shall develop design concepts for up to 13 Enhanced Shared Streets. Conceptual drawings shall sufficiently depict proposed infrastructure improvements and demonstrate how they align with the goals of the Project. At a minimum, conceptual drawings shall consist of typical cross-sections, aerial images showing improvements and conceptual graphical renderings where necessary to illustrate specific proposed right-of-way improvements such as speed bumps; pavement markings; mini-traffic circles and other streetscape improvements including landscaping, raingardens and/or other unifying design elements. Consultant shall develop each Enhanced Shared Street to level of design sufficient to establish construction limits. The objective of this subtask is to identify traffic calming treatments suitable for each Enhanced Shared Street, which may include, but are not limited to, the following:

1. *Pavement Markings* show users that the roadway is a Shared Street where people on bikes and on foot share the road with people driving.
2. *Entry Treatments* such as signs or traffic cones give roadway users information about the Shared Street before entering and/or diversion of through traffic.
3. *Speed Humps* are small, raised areas built across a road to slow vehicles.
4. *Mini Traffic Circles* are small islands that must be maneuvered around by motor vehicles to go straight or turn. They are installed to reduce traffic speeds.
5. *Diverters* are physical barriers at intersections to reduce cut-through traffic in neighborhoods.
6. *Wayfinding Signs* point people walking, biking and rolling toward key destinations.

Concepts will balance reducing operating speeds, maintaining traffic access, managing traffic volumes, minimizing drainage impacts, working within existing street widths, supporting applicable green infrastructure, and limiting implementation cost.

Consultant shall prepare the Draft Enhanced Shared Street Design Concepts for County review and will prepare one round of edits to produce Final Design Concepts.

Consultant shall prepare cost opinions for the Final Enhanced Shared Streets. Cost opinions shall be high-level order of magnitude costs using general unit costs for the various project elements.

Consultant shall prepare the Draft Cost Opinions for County review and will prepare one round of edits to produce Final Cost Opinions.

The County shall be responsible for identifying wayfinding signage.

Consultant Deliverables:

- 5.A Enhanced Shared Street Design Concepts (up to 13)
- 5.B Enhanced Shared Street Cost Opinions (up to 13)

TASK 6: AGENCY PARTNER WORKSHOP

County shall arrange and conduct an Agency Partner Workshop to get feedback from municipalities, including but not limited to Milwaukie, Gladstone and Happy Valley. The purpose of the workshop is to:

- Share Project information relevant to transportation systems that cross jurisdictional boundaries;
- Coordinate Shared Street implementation efforts between County and cities to ensure a seamless transportation network;
- Learn about any partner Shared Street projects and/or programs that may impact Project implementation; and
- Identify any opportunities for coordination and cost sharing.

Consultant shall review and comment on the agendas and meeting materials prepared by the County.

Consultant Deliverable:

- 6.A Agency Partner Workshop Agenda/Materials Review

County Deliverable:

- 6.B Agency Partner Workshop

TASK 7: UPDATE TRAFFIC CALMING PROGRAM

7.1 Review Current Practices and Develop a Program Outline

The Clackamas County *Local Streets Traffic Calming and Skinny Streets Program (Traffic Calming Program)* was adopted in 1998. Within the program, a basic evaluation process was set-up for determination whether a roadway qualified for traffic calming. Traffic Calming options included speed bumps, diverters, traffic circles and other measures. Funding for improvements was by the neighborhood which limited the number of projects completed. To date, there have been approximately six speed bump projects and one traffic circle project.

Task 7.1 will review the current County documents related to the County Traffic Calming Program and review up to 4 other state or local agency traffic calming documents to identify current best practices. County documents to be reviewed include:

- Existing 2006 County Traffic Calming Program
- County Walk/Bike Plan
- County Engineering Standards
- Other relevant publications related to traffic calming

Task 7.1 will develop a Summary of Recommendations (up to 15 pages) based on the review of County and other agency documents that outlines an approach for updating the Traffic Calming Program. This will include an annotated outline of the updated program document and a list of recommended traffic calming strategies for both local and collector streets.

Task 7.1 will include developing a MS Word template for the Updated Program document that will be established based on ADA compliance for future website publication. This template will include information about font style and size, headings, table layout, and example graphics. The intent is to review for visual layout and ADA compliance. This template will not include actual draft content for the program.

Task 7.1 will include one two-hour meeting with the County to discuss the Summary of Recommendations and the proposed approach for the updated plan. Input from this meeting will be documented in a meeting summary and updated Summary of Recommendations that will be used to inform the development of the Updated Plan in Task 7.2. The meeting will also include a discussion about the MS Word template for the Updated Plan to verify the template meets the County's ADA requirements and website publication.

Task 7.2 Develop Updated Traffic Calming Program for Local and Collector Streets

Task 7.2 will develop an Updated Traffic Calming Program for Local and Collector Streets based on the findings and recommendations outlined in Task 7.1. The updated document is expected to include information for both local and collector streets, while also identifying different approaches and considerations for each street type. The program update will include information on the following:

- Decision-making process
- Traffic calming strategies/devices
- Solutions for Urban and Rural contexts
- Updated forms for public requests and evaluation processes

Task 7.2 includes the development of a Draft and Final Updated Traffic Calming Program in the template established in Task 7.1. The Updated Program is expected to be approximately 25-40 pages with goal of brevity. After County review of the Draft submittal, the County and project team will conduct one two-hour meeting to discuss the County's input and final direction for finalizing the Program document. One round of revisions is anticipated. The Final Program document will include an ADA compliant PDF or Word document (per direction from the County) that can be published on the County website.

Consultant Deliverables:

- 7A Summary of Recommendations:
 - Review of County documents
 - Review of other agency documents
 - Annotated Outline for the Updated Program
 - List of strategies
- 7B MS Word Template for ADA Compliance
- 7C Summary of Recommendations Review Meeting Notes
- 7D Draft Updated Traffic Calming Program for Local and Collector Streets

- 7E Draft Review Meeting Notes
- 7F Final Updated Traffic Calming Program for Local and Collector Streets -ADA Compliant PDF or Word document

Attachment A: Shared Streets by Community Planning Organization Boundary (CPO)

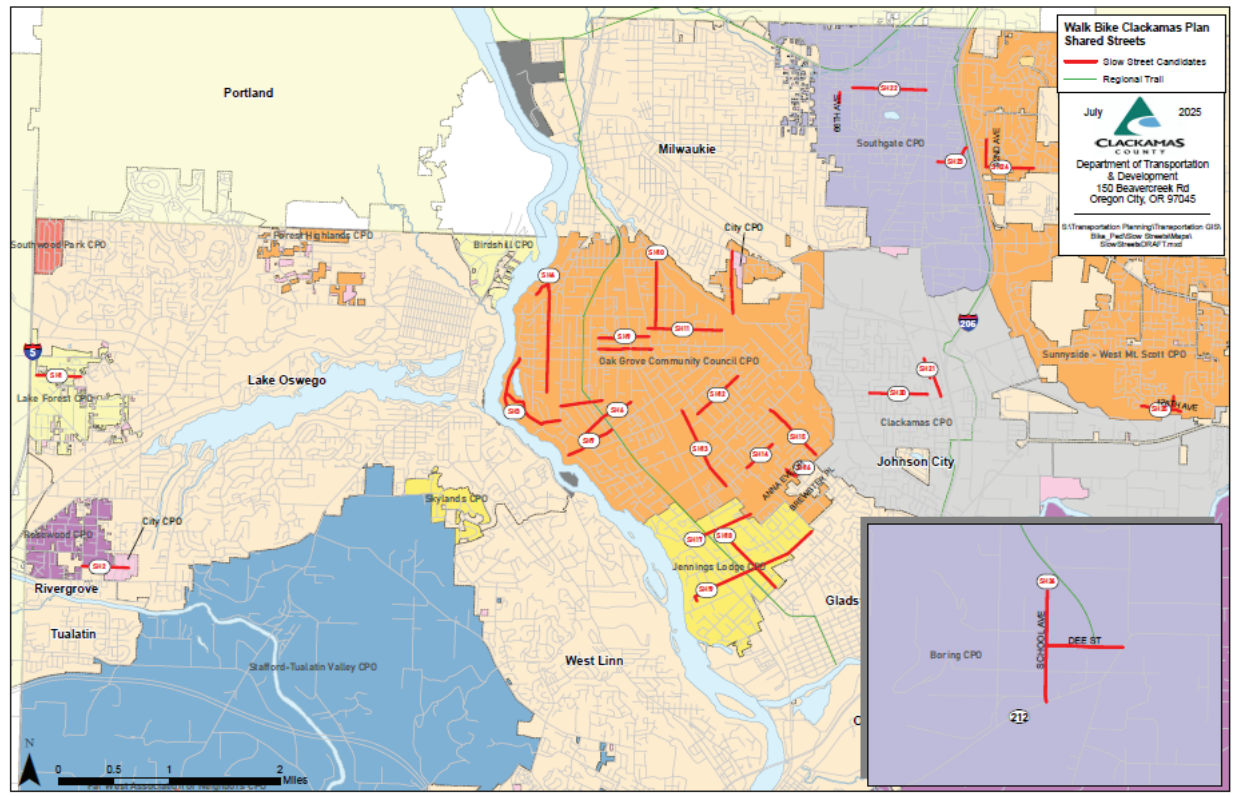


EXHIBIT B
CONTRACTORS PROJECT BUDGET FORM

Project Budget Form

Project Name: Clackamas Co Shared Streets
Project Manager: Susan Wright
KAI Project Number: 33369.0
Date: Jun 25, 2026

LABOR ESTIMATE - Clackamas Co Shared Streets			Senior Principal Engineer	Senior Principal Engineer	Principal Engineer	Senior Engineer/ Planner	Senior Engineer	Engineer	Transportation Analyst	Technician II	Associate Technician	WORK TASK / TASK HOURS	WORK TASK / TASK COST
Task	Notes	Staff	Scarborough, Wade	Wright, Susan	Knudsen, Julia	Bame, Christopher	Cox, Caleb	Semensky, Sophia	Jarrett, Silas				
001	Task 1 PROJECT MANAGEMENT AND PUBLIC ENGAGEMENT												
	1.1/1.2 Coordination with PM and PMT			12								12	\$3,401
	1.3 Project Schedule and updates			2				6				8	\$1,532
	1.4/1.5 CPO and BPAC Meetings and Coordination			4				3				7	\$1,616
	1.6 Kick-off Meeting (in person)		3	4	3		3	4				17	\$4,027
	1.6 Bi-weekly Meetings (virtual)			24	12	12	12	24				84	\$18,416
	Reimbursable Expense												\$33
Task #001 - Subtotal			3	46	15	12	15	37	0	0	0	128	\$29,024
002	DATA COLLECTION AND SIGNAGE												
	2.1A Traffic Counts – Volume and Speed Coordination			1		3		12				16	\$2,778
	2.1B Bicycle and Pedestrian Volume Counts Coordination			1		2		6				9	\$1,625
	Reimbursable Expense												\$17,860
Task #002 - Subtotal			0	2	0	5	0	18	0	0	0	25	\$22,263
003	ROUTE ASSESSMENTS												
	3.A Basic and Enhanced Street Assessment Methodology Memorandum		2	8		12		24				46	\$8,970
	3.B List of Basic Shared Streets		1	4		6		16				27	\$5,128
	3.C List of Enhanced Shared Streets		1	4		24		44				73	\$13,020
	Reimbursable Expense												\$0
	Task #003 - Subtotal		4	16	0	42	0	84	0	0	0	146	\$27,117
004	PRIORITIZATION												
	4.1A Prioritization Methodology Memo		2	4		6		24				36	\$6,707
	4.2B Prioritized Basic Shared Streets – high, medium and low priority		1	4		8		26				39	\$7,113
	4.2C Prioritized Enhanced Shared Streets – high, medium and low priority		1	4		8		26				39	\$7,113
	Reimbursable Expense*												\$0
Task #004 - Subtotal			4	12	0	22	0	76	0	0	0	114	\$20,932
005	DESIGN CONCEPTS												
	5.1A Enhanced Shared Street Design Concepts (13)		13	26			52	26	104	39		260	\$44,304
	5.1B Enhanced Shared Street Cost Estimates (13)		6	6			26		39			77	\$13,665
	Reimbursable Expense												\$0
Task #005 - Subtotal			19	32	0	0	78	26	143	39	0	337	\$57,968
006	AGENCY PARTNER WORKSHOP												
	6.1 Agency Partner Workshop (support)			2				4				6	\$1,210
	Reimbursable Expense												\$0
Task #006 - Subtotal			0	2	0	0	0	4	0	0	0	6	\$1,210
007	UPDATE TRAFFIC CALMING PROGRAM												
	Document Review and Documentation		2	6	24	32	8					72	\$16,049
	Summary of Recommendations/Strategies/Annotated Outline		2	6	24	56	16				16	120	\$25,501
	Word Template - ADA Compliant			2	2	4					8	16	\$3,483
	Program Information and Forms		2	4	16	40					8	70	\$14,978
	Recommendations Review Meeting			2	4	4						10	\$2,339
	Updated Traffic Calming Program for Local and Collector Streets		4	8	24	48					4	88	\$19,413
	Draft Review Meeting			2	4	4						10	\$2,339
	Final Traffic Calming Program for Local and Collector Streets (ADA compliant PDF)			2	8	12					12	34	\$7,344
												0	\$0
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Rates shown above are for budgeting purposes only. Additional staff may be billed at the time services are performed.

*Task 2 Reimbursable Expenses assume AADT and speed data collection for one weekday at up to 45 locations (assumes 2nd data collection point at 19 of 26 segments), and 16-hour bicycle and pedestrian counts at up to 26 locations.

TOTAL REIMBURSABLES	\$17,893
TOTAL KAI FEES	\$249,960
TOTAL SUB FEES	\$0
TOTAL PROJECT BUDGET	\$249,960



**Clackamas County
Rate Schedule
As of April 2026**

Classification	Hourly Billing Rate*
Senior Principal Engineer/Planner	\$297.66
Scarborough, Wade	\$292.01
Wright, Susan	\$283.40
Principal Engineer/Planner	\$272.06
Knudsen, Julia	\$254.72
Associate Engineer/Planner	\$240.85
Senior Engineer/Planner	\$198.90
Bame, Christopher	\$188.28
Cox, Caleb	\$203.28
Engineer/Planner	\$159.60
Semensky, Sophia	\$160.80
Yang, Poppy	\$147.02
Transportation Analyst	\$137.29
Jarrett, Silas	\$126.33
Technician I	\$114.92
Technician II	\$134.60
Senior Technician	\$162.97
Associate Technician	\$206.71
Office Support	\$110.37
Data Analyst / Software Technician	\$158.08
Senior Data Scientist/Developer	\$259.41

**Average classification rates are shown above along with actual rates for key personnel. These rates were developed using Kittelson's audited overhead of 207.16%, 10% profit, and were escalated for budgeting purposes. Actual wage rates will be invoiced with a standard multiplier for all time and material efforts.*