

COMMUNICATION: YOLO COUNTY TRANSPORTATION DISTRICT

350 Industrial Way, Woodland, CA 95776 (530) 661-0816

Topic: Approve Resolution 2025-08 authorizing expenditures and contract amendment with Fehr & Peers for design and engineering services for the Yolo Active Transportation Corridors (YATC) Project	Agenda Item#:	4b Action
	Agenda Type:	
Prepared By: B. Abbanat		Meeting Date: July 14, 2025

RECOMMENDATION:

Approve Resolution 2025-XX authorizin:

1. Expenditures of:
 - A. Remaining \$640,293.29 in federal RAISE funds for design services
 - B. Up to \$200,000 in Unrestricted Funds as identified in the YoloTD FY 25/26 Budget capital improvement project MM-1 to complete design and engineering services
2. Execution of Amendment #1 to Fehr & Peers Agreement Amendment #1 for the following:
 - A. Design and engineering services of the following two segments:
 - a. Madison to Esparto (State Route 16 from CR 89 to CR87) and
 - b. Davis to Woodland (via CR 102 / CR 27 / Harry Lorenzo Ave)
 - B. Budget increase up to \$200,000 from \$1.2 million to \$1.4 million
 - C. Contract end date extension to December 31, 2026

BACKGROUND:

***Staff Note: This staff report builds on prior staff reports, presented most recently at the May 12, 2025 YoloTD Board meeting, respectively. Readers are referred to the project website for earlier project activity:*

<https://yolotd.org/planning-projects/active-transportation/>

The Yolo Active Transportation Corridors (YATC) Project will develop an active transportation plan for a network of multiuse trails that will help to address barriers to mobility for low-income and minority residents of Yolo County. This project builds upon YoloTD’s recent efforts to explore how public interest design of transportation services can be used to address the needs of the region’s most isolated and disadvantaged areas.

In 2021, YATC was awarded \$1.2 million in federal funds from the Rebuilding Americans Infrastructure with Sustainability and Equity (RAISE) discretionary grant program.

YATC will accomplish two objectives:

- Establish a long-term vision and planning document for active transportation corridors in Yolo County.
- Establish priorities and complete construction documents for at least one (1) and up to three (3) corridors, thereby positioning the project(s) for discretionary grant funding.

The existing, Board-approved scope of work addresses the initial planning and outreach phase of the YATC project, comprised of Tasks 1 (Project Management), 2 (Existing Conditions Assessment), 3 (Public Outreach & Community Engagement), and 4 (Plan Preparation) identified in the RAISE grant application.

The scope of work for the design, engineering, and environmental phase of the YATC project (also RAISE - funded) is the subject of this staff report.

. As part of the federal RAISE grant which funded the project, YoloTD committed to completing 100% construction documents (design and engineering) for 1-3 priority corridors. The corridors selected in the next section were affirmed as the highest priority and will receive these funds, thereby bringing them one step closer to implementation.

YoloTD Board Feedback: May 12, 2025

At the May 12, 2025 Board meeting staff presented a project update on the results of Outreach Phase 2, Draft Evaluation Criteria for prioritizing corridors, and a recommendation to affirm the following two preferred segments to advance to design and engineering phase in coordination with relevant local and state agency representatives:

Madison to Esparto (State Route 16 from CR 89 to CR87): ~2.7 miles

The 2.7 mile segment between Madison and Esparto is not currently possible by walking or bicycling and can only be made via the high speed State Highway 16. This project will provide a critical active transportation connection between two interdependent communities, an identified priority of both expressed during the community outreach process.

Davis to Woodland (via CR 102 / CR 27 / Harry Lorenzo Ave): ~5.5 miles

The 5.5 mile segment between Davis to Woodland will complete a long-envisioned safe, off-street active transportation path connecting the two communities. Travel analysis reveals high demand for active transportation between these two communities and for which walking and bicycling can only be made on high speed and high volume county roads.

The recommendation for these two segments was based on their performance against the evaluation criteria, input received from the TAC and the two community outreach phases, and available remaining budget. The significance of the recommendation is the remaining project budget will be used towards design and engineering of these two projects which brings them a step closer to completion. Projects from the YATC Prioritized Corridors list not selected (i.e. all the others) must be deferred until funding becomes available.

The YoloTD Board supported the staff recommendation unanimously, conditional on support from the Yolo County Board of Supervisors (BOS).

Yolo County Transportation Advisory Committee and Board of Supervisors

Following the YoloTD Board's action, staff brought the same recommendation to the Yolo County Transportation Advisory Committee (TAC) on May 22, 2025 and the Yolo County BOS on July 8, 2025. Both the TAC and BOS supported the staff recommendation unanimously. Yolo County Supervisor Angel Barajas abstained from the discussion and vote based on a potential conflict of interest.

DISCUSSION:

Existing Agreement

YoloTD selected the current consulting firm Fehr & Peers via a federally compliant process for both the Planning & Outreach and the Design and Engineering phases. However, the existing agreement intentionally excluded the latter because the segments selected, resources available, and level of effort was not known in summer 2023 when the agreement was executed. As a result, both the agreement and project expenditure authorization from the YoloTD Board was limited to \$559,706.61 of the \$1.2 million RAISE funding.

Proposed Agreement Amendment

The proposed agreement amendment includes 100% design and engineering services for the two segments below:

- Madison to Esparto (State Route 16 from CR 89 to CR87): ~2.7 miles
- Davis to Woodland (via CR 102 / CR 27 / Harry Lorenzo Ave): ~5.5 miles

Due to cost escalation since 2021 when the RAISE grant was written, 100% design completion for both segments is not possible with the remaining available RAISE funds. As a result, staff included in the FY 25/26 Budget a \$200,000 carryover appropriation request from FY 24/25 to cover these additional costs.

The total cost proposal for 100% design for both segments is \$758,486.30, raising the total project cost from \$1.2 million to \$1,318,192.91 as illustrated the subtotal row in Table 1 below:

Table 1: YATC Costs & Funding

Item	Amount
Costs	
Phase 1: Planning & Outreach	\$559,706.61
Phase 2: 100% Design	\$758,486.30
<i>Subtotal</i>	<i>\$1,318,192.91</i>
Phase 2: Contingency	\$81,807.09
Total	\$1,400,000.00
Funding	
RAISE	\$1,200,000.00
YoloTD Unrestricted Funds	\$200,000.00
Total	\$1,400,000.00

Staff proposes including a cost contingency of \$81,807.09 for any unforeseen issues or work needed during Phase 2.

Additionally, because the existing agreement only reflected a project schedule for Phase 1, an agreement end date extension to December 31, 2026 is needed

Staff Recommendation

Staff recommends the YoloTD Board approve a resolution that authorizes expenditures of the remaining RAISE funds for the Design phase, an additional \$200,000 in budgeted Unrestricted Funds to cover Design phase cost escalation, and authorizes the Executive Director to execute an Agreement Amendment #1 with Fehr & Peers for the Design phase, increasing project budget to \$1.4 million, and extending the agreement end date to December 31, 2026.

Next Steps

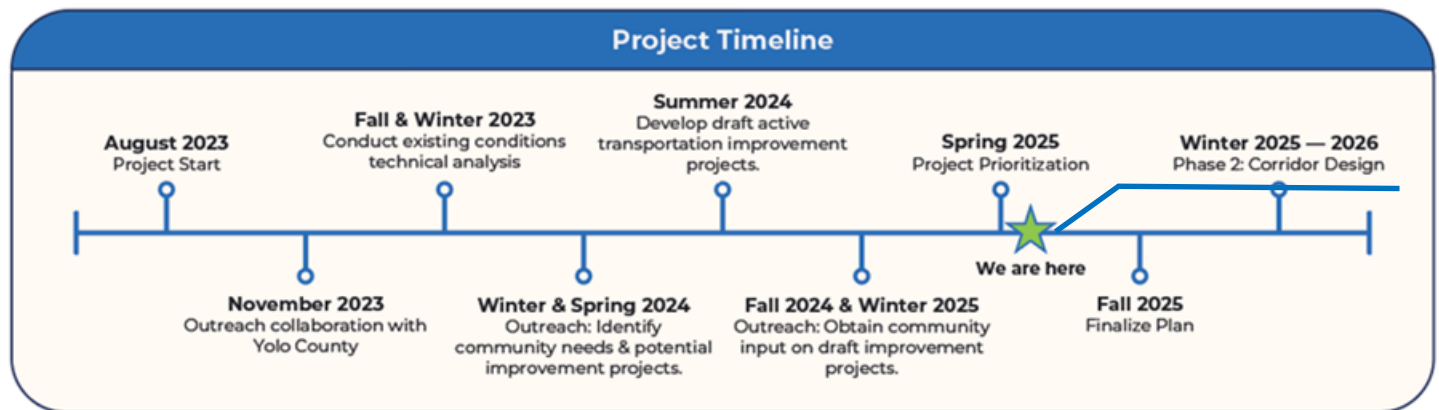
Plan Completion (mid-/late- fall 2025): Completion of the YATC plan is expected to occur in mid-late fall 2025. Once complete, staff will return to the CAC, Yolo County TAC, YoloTD Board, and Yolo County Board of Supervisors for approval.

Completion of Design (late-2026): Completion of design is expected to occur in late 2026. Concurrent with design, staff will seek potential funding sources for project construction.

Project Process

The exhibit below illustrates key project milestones and status.

Figure 1: Project Schedule



ATTACHMENTS:

- A. Resolution
 - 1. Fehr & Peers Agreement Amendment #1

YOLO COUNTY TRANSPORTATION DISTRICT

RESOLUTION NO. 2025-08

AUTHORIZATION TO APPROVE EXPENDITURES AND AMEND A PROFESSIONAL SERVICES AGREEMENT WITH FEHR & PEERS FOR PHASE 2: DESIGN & ENGINEERING OF THE YATC PROJECT

WHEREAS, in 2021 the Yolo County Transportation District (YoloTD) was awarded a \$1.2 million grant from the federal Department of Transportation’s Reinvesting in American Infrastructure with Sustainability and Equity (RAISE) for the for the Yolo County Transportation District Bike & Pedestrian Trail Network Planning Project which was rebranded the Yolo Active Transportation Corridors (YATC) project; and

WHEREAS, YoloTD selected a consulting team led by Fehr & Peers via a federally compliant procurement process for Phase 1: Planning & Outreach and Phase 2: Design and Engineering; and

WHEREAS, Phase 1: Planning & Outreach is nearly complete, and two priority segments have been identified for Phase 2 Design and Engineering: 1) Madison-to-Esparto and 2) Woodland-to-Davis; and

WHEREAS, the YoloTD Board and Yolo County Board of Supervisors affirmed the two priority segments on May 12, 2025 and July 8, 2025, respectively; and

WHEREAS, Fehr & Peers has developed a professional services proposal totaling \$758,486.30 for Phase 2: Design and Engineering of the YATC project, increasing project cost from \$\$1,200,000.00 to \$1,318,192.91; and

WHEREAS, YoloTD has budgeted an additional \$200,000 to cover Phase 2: Design and Engineering escalation and contingency costs since the 2021 RAISE grant proposal was submitted.

NOW, THEREFORE, RESOLVED, ORDERED, AND FOUND by the Board of Directors of the Yolo County Transportation District, County of Yolo, State of California, to authorize:

1. Expenditures of:
 - A. Remaining \$640,293.29 in federal RAISE funds for design services
 - B. Up to \$200,000 in Unrestricted Funds as identified in the YoloTD FY 25/26 Budget capital improvement project MM-1 to complete design and engineering services
2. Executive Director to execute Fehr & Peers Agreement Amendment #1 (Attachment 1) for the following:
 - A. Design and engineering services of the following two segments:
 - a. Madison to Esparto (State Route 16 from CR 89 to CR87) and
 - b. Davis to Woodland (via CR 102 / CR 27 / Harry Lorenzo Ave)
 - B. Budget from \$1,200,000.00 to \$1,400,000.00
 - C. Contract end date extension to December 31, 2026

PASSED AND ADOPTED by the Board of Directors of the Yolo County Transportation District, County of Yolo, State of California, this 14th day of July, 2025, by the following vote:

AYES: *Early, Loren, Vega*

NOES: 0

ABSTAIN: 0

ABSENT: *Chapman, Frerichs*



Dawnté Early, Chair

Board of Directors

ATTEST:



Janeene Marte, Clerk of

Board of Directors

Approved as to Form:

Kimberly Hood, District Counsel

Fehr & Peers

Memo

Date: July 7th, 2025

To: Brian Abbanat, YTD

From: Adrian Engel, Fehr & Peers

Subject: Yolo Active Transportation Corridors Plan – Phase 2 Design Scope

The scope of work covers concept designs (Geometric Approval Drawings) and final design plans for two active transportation corridors for the Yolo Active Transportation Corridors Project: 1) Esparto to Madison along State Route 16 2) Woodland to Davis along County Roads 102, 27, and 101.

This following scope of work will collect base mapping, preliminary utility coordination, and available design information from Yolo County. The project team will provide planimetric base mapping and survey data including any utility records or system mapping from the utility A process, any right of way information readily available through county assessor maps or GIS records, the scope of work does not include detailed right of way retracement or preliminary title reports.

The scope of work assumes that permitting and environmental clearance will be part of later phases of work. We will identify areas where right of way may need to be acquired as part of the design effort, but detailed acquisition maps are not part of this work and assume that any discussions with property owners will be done by others at later phases.

It is also assumed that no lighting, irrigation or landscaping plans are needed at this time but that they could be added into the final design scope if needed.

The updated design will include:

- Off-street bikeway improvements concepts and design along the corridors
- Intersection and enhanced crossing treatments will be identified as needed along the corridor
- Floodplain investigations study will be performed to understand feasibility of design features

The project excludes:

- Roadway enhancements will not be recommended on the adjacent roadways unless they are required to accommodate a continuous bikeway
- Specific pavement recommendations will be based on similar projects with the vicinity and detailed geotechnical studies will not be performed.
- Traffic handling plans and stage construction plans will not be included

ATTACHMENT A

Task 5: Esparto to Madison – (Design)

5.1 Project Management

Fehr & Peers will coordinate with the YATC team to collaborate with the YTD and Yolo County to identify distinct alternatives accommodate bike and pedestrian travel between Esparto and Madison. We have budgeted for attendance for up to 10 meetings to review design plans and meet with stakeholders throughout the process.

The Fehr & Peers team will attend up to three additional YTD Board, TAC, or Yolo County Board meetings to present the design alternatives to receive feedback on the project.

5.2 Base Mapping

UNICO would provide a design-level survey along the corridor. This would include either an in-house drone aerial and mapping or sub cost to fly and map a segment. There would be further topo surveys to augment the aerial mapping at key areas of design. It would include right of way research and surveys to map the basic right of way information and any adjoining properties along the segment.

5.3 Geometric Approval Drawing (GAD)

We will prepare a Geometric Approval Drawing to define the proposed geometric improvements for review by the team and County and to allow for major comments prior to investment of significant design effort. This memorandum will assume a 30% completion of the design, focusing on path alignment options and identifying known constraints such as bridges and culverts. The team will also complete a field review and visual inspection along the corridor to identify opportunities and constraints that may not have been identified in the base mapping.

5.4. Utility Investigations

Utility "A" letters with project plans will be sent to the respective utility companies. Based on the utility coordination, we will prepare a summary of potential utility impacts and proposed resolutions based on the GAD.

5.5 Preliminary Floodplain Hydraulic Studies

Preliminary Floodplain Hydraulic Studies include reviewing and obtaining previous hydraulic models (if available) for FEMA defined floodplain areas. Cross drainage structures proposed in the floodplain will be analyzed for capacity and long-term scour protection. The existing conditions water surface profile of the design storm will be updated to reflect proposed changes of the structures within the floodplain. In cases where structures are planned that are not FEMA defined floodplains will be analyzed for capacity to ensure peak, design flows can be conveyed without overtopping or adverse up-or-down stream effects. Peak flows used in the hydraulic analyses (if necessary) will be computed per the local jurisdiction's requirements. A draft and final study will be prepared detailing assumptions, standards, methods and results.

5.6 60% Plans and Estimate

Based on clear direction from YTD and Yolo County on a single design alternative from Task 5.3, we propose the following scope of work for the development of PS&E for the Esparto to Madison Path Improvements. Bennett Engineering will prepare design plan at the 60% level for review by the YTD

ATTACHMENT A

and Yolo County. The plans will include general path alignment, basic vertical profile, cross sections, and will identify potential drainage and structural elements. Preliminary engineering estimates will be provided to understand magnitude costs for trail construction. We will address one round of comments for each submittal and incorporate them into subsequent submittals.

5.7 Optional 90% Plans and Estimates

Based on the comments from Task 5.6 we will prepare engineering plans, and estimates at a 90% level for the project. The 90% plans will include additional vertical design, including grading, sizing of drainage elements, and construction details. Updated construction costs estimates will be produced based on the more detailed designs.

5.8 Optional 100% Plans, Specifications and Estimates

Based on the comments from Task 5.7 we will prepare engineering plans, specifications and estimates at a 100% level for the project. The 100% plans will include refined designs, updated construction details, utility conflict design, and quantity tables. Updated construction costs estimates will be produced based on the more detailed designs. Quantities will be generated using the design drawings and CAD software, and unit costs will be estimated by reviewing similar recent project bid summaries and Caltrans Contract Cost Data.

TASK 5 DELIVERABLES:

- Meeting agendas and minutes
- Digital Plan (PDF) sets for each submittal with construction cost estimates (Microsoft Excel) and specifications (Microsoft Word)

Task 6: Woodland to Davis – (Design)

Tasks 6.1 through 6.8 would mimic the scope items above in Task 5 for the corridor between Woodland and Davis.

ATTACHMENT A

Scope of Work		Fehr & Peers		Unico		BENEN		Consultant Total	
		Total Labor Costs	Total Direct Costs	Total Labor Costs	Total Direct Costs	Total Labor Costs	Total Direct Costs	Total Labor Costs	Total Direct Costs
Task #	Task Description								
5	Esparto - Madison								
5.1	Project Management	\$ 24,010.70	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,010.70	\$ -
5.2	Base Mapping	\$ -	\$ -	\$ 60,297.00	\$ -	\$ 2,094.00	\$ -	\$ 62,391.00	\$ -
5.3	Geometric Approval Drawings (GAD)	\$ -	\$ -	\$ -	\$ -	\$ 41,984.00	\$ 100.00	\$ 41,984.00	\$ 100.00
5.4	Utility Investigations (A Letters, mapping)	\$ -	\$ -	\$ -	\$ -	\$ 4,974.00	\$ -	\$ 4,974.00	\$ -
5.5	Preliminary Floodplain Hydraulic Studies	\$ -	\$ -	\$ -	\$ -	\$ 14,200.00	\$ 500.00	\$ 14,200.00	\$ 500.00
5.6	60% Plans	\$ -	\$ -	\$ -	\$ -	\$ 61,156.00	\$ -	\$ 61,156.00	\$ -
5.7	90% Plans, Estimate (Optional)	\$ -	\$ -	\$ -	\$ -	\$ 33,236.00	\$ -	\$ 33,236.00	\$ -
5.8	100% Plans, Specifications, and Estimate (Optional)	\$ -	\$ -	\$ -	\$ -	\$ 22,166.00	\$ -	\$ 22,166.00	\$ -
	Subtotal	\$ 24,010.70	\$ -	\$ 60,297.00	\$ -	\$ 179,810.00	\$ 600.00	\$ 264,117.70	\$ 600.00
6	Woodland - Davis								
6.1	Project Management	\$ 44,842.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,842.60	\$ -
6.2	Base Mapping	\$ -	\$ -	\$ 134,826.00	\$ -	\$ 2,094.00	\$ -	\$ 136,920.00	\$ -
6.3	GAD	\$ -	\$ -	\$ -	\$ -	\$ 74,576.00	\$ -	\$ 74,576.00	\$ -
6.4	Utility Investigations (A Letters, mapping)	\$ -	\$ -	\$ -	\$ -	\$ 9,382.00	\$ -	\$ 9,382.00	\$ -
6.5	Preliminary Floodplain Hydraulic Studies	\$ -	\$ -	\$ -	\$ -	\$ 14,200.00	\$ 500.00	\$ 14,200.00	\$ 500.00
6.6	60% Plans	\$ -	\$ -	\$ -	\$ -	\$ 113,176.00	\$ -	\$ 113,176.00	\$ -
6.7	90% Plans, Estimate (Optional)	\$ -	\$ -	\$ -	\$ -	\$ 60,536.00	\$ -	\$ 60,536.00	\$ -
6.8	100% Plans, Specifications, and Estimate (Optional)	\$ -	\$ -	\$ -	\$ -	\$ 39,636.00	\$ -	\$ 39,636.00	\$ -
	Subtotal	\$ 44,842.60	\$ -	\$ 134,826.00	\$ -	\$ 313,600.00	\$ 500.00	\$ 493,268.60	\$ 500.00
	Project Total								
		\$ 68,853.30	\$ -	\$ 195,123.00	\$ -	\$ 493,410.00	\$ 1,100.00	\$ 757,386.30	\$ 1,100.00

Total \$ 68,853.30

Total \$ 195,123.00

Total \$ 494,510.00

Total \$ 758,486.30