



Council Agenda Report

From: Susan DeCarli, City Planner

Subject: Authorizing Agreement with North Coast Engineering to Prepare Cost Estimates for the 2017 Bicycle Pedestrian Master Plan Update – AB 1600 Improvement Projects

Date: October 17, 2017

Facts

1. The City Council approved funding to prepare an updated Bicycle Master Plan with the addition of a Pedestrian Master Plan component in May 2017.
2. Staff worked with Larry Werner at North Coast Engineering (NCE) who coordinated the project stakeholders committee, in collaboration with KTU&A who conducted several outreach events, to get well-rounded input on updating the plan last Summer.
3. The primary project consultants KTU&A, have prepared an administrative draft Bicycle and Pedestrian Master Plan that incorporates input received. The draft Plan is currently being reviewed by staff. The public review draft of the Plan will be complete once the improvement project cost estimates are prepared and incorporated.
4. NCE assisted in evaluating the list and location for project improvements to include in the plan. The project list has been culled back significantly to focus on the highest priority projects. These projects will be included in the Needs List in the AB 1600 Transportation Impact Fee Program.
5. It was noted in the May 2017 staff report that the cost to prepare the evaluation and development of improvement project cost estimates will be determined when the list of projects has been completed, and that the cost for this part of the project will depend on the number and complexity of projects.
6. NCE has prepared a draft scope of work and proposal to develop a cost estimate for inclusion in the Plan. The proposal is for \$25,183, and is provided in Attachment 1.
7. The prior plan had very ballpark-level cost estimates for bike improvement projects (e.g. \$16 million), for which the City has been collecting transportation development impact fees. The NCE proposal requires a significant amount of time and effort in order to prepare accurate cost estimates for inclusion in the Plan and the AB 1600 fee program.

Options

1. Do Nothing
2. Authorize the City Manager to execute a contract with NCE to prepare the Bicycle and Pedestrian Plan improvement project cost estimates for inclusion in the City AB 1600 Needs List and appropriate \$25,183 from the Traffic Mitigation Development Fund to cover the cost of this contract.
3. Refer back to staff for additional analysis.

Analysis and Conclusions

Mr. Werner is an active participant on the City's Housing Constraints and Opportunities Committee, and understands the City's interest in dialing in the most appropriate bicycle and pedestrian improvements in the City, to attract housing development while keeping an eye on the bottom line on the costs to build. The amount of effort to develop the cost estimates is related to the complexity of some projects. The objective is to obtain a more realistic cost estimate for improvements to ensure they are accurately reflected in the AB 1600 Transportation Impact Fee Program.

Fiscal Impact

The funding for this component of the project (\$25,183) can be funded from the Traffic Mitigation Development Fund. There is an estimated fund balance of \$4.5 million at June 30, 2017.

Recommendation

Authorize the City Manager to execute a contract with NCE for professional consulting services to prepare the Bicycle and Pedestrian Plan Update improvement project cost estimates and appropriate \$25,183 from the Traffic Mitigation Development Fund for this purpose.

Attachments

1 – NCE Scope of Work and Cost Estimate

City of El Paso de Robles
2017 Bicycle and Pedestrian Master Plan Update
Pedestrian and Bicycle Facilities Cost Estimates
Scope and Estimated Fee
September 25, 2017

PREPARE PEDESTRIAN AND BICYCLE FACILITIES COST ESTIMATES

Task 1: Review and finalize Final Project List and Map **\$2,464.00**

1. Coordinate with City and KTUA to final list
2. Categorize proposed facility improvements
 - a. Projects included in AB 1600 List
 - i. Assume they are included in the cost
 - b. Projects with similar design precedents
 - i. Utilize previous costs to estimate future facility costs¹
 - c. Projects that are of a generic design
 - i. Determine unit costs or cost per LF and apply to future facilities²
 - d. Projects that are unique and require definition of scope of improvements²
 - i. Define the scope of improvements
 - ii. Apply unit costs for improvements
3. Review and confirm facility categories and cost estimating assumptions with City Staff
4. Review and mark up final draft of bike and pedestrian map

Task 2: Prepare Cost Estimates **\$20,798.00**

1. Prepare Cost Estimates based on categorized projects
2. Prepare Template for calculation of Cost Estimates
3. Provide a breakdown of Cost Estimates
 - a. Cost Estimate assumptions
 - b. Identify quantities and unit costs
 - c. Factor:
 - i. Design
 - ii. Administration
 - iii. Rights of Way
 - iv. CEQA
 - v. Challenge factors

Task 3: Cost Estimate Review and Finalization

\$1,771.00

1. Review Cost Estimate with City Staff
 - a. Review the final Cost Estimates
 - b. Review funding alternatives that would affect costs
 - c. Finalize Cost Estimates adjusted for funding alternatives

TOTAL ESTIMATED FEE: \$25,033.00

REIMBURSABLE EXPENSES: \$150.00

TOTAL FEE: \$25,183.00

Notes:

1. City to provide construction cost information for previous projects such as the Salinas River Walk and any other recent bike/pedestrian improvements.
2. City to provide construction cost estimates for AB1600 fee projects currently being studied by Wallace Group.
3. Cost estimates are limited to the attached list of projects.

Additional Services Authorization No. 1

Exhibit B

Attachment 1

Paso Robles Bicycle and Pedestrian Master Plan- Potential Project List

Cost Estimating Worksheet

22-Sep-17

#	Type	Segment	From (N/W)	To (E/S)	Bicycle Facility Type	Originated	Notes	
2	Bike and Ped	13th Street Bicycle & Pedestrian Bridge	Riverside Ave	River Rd	Class 2	Stakeholder 2017	Green lanes and conflict zone painting at intersection. Raise priorities of bicycles in intersection	This could be a relatively inexpensive project with high benefit.
3	Bike and Ped	13th Street	Riverside	Vine St	Class 3A Sharrows	Stakeholder 2017	Sidewalks and striping-Sharrows	Not existing Class 2. May be issues with Union Pacific Railroad with improvements within their property. This may need to be a Class 3 due to width/parking.
7	Bike and Ped	Multi-Use Path	Salinas River Path	Creston Rd	Class 2, 3	Stakeholder 2017	Extend and enhance existing path, install wayfinding signage through neighborhood streets. Wayfinding signs would be a inexpensive improvement for value.	A portion of this is already Class 2 east of S. River Road.(Needs maintenance). The section between S. River and Salinas Trail should be Class 3. Included in 2009 Bike Project List #34.
8	Bike and Ped	Bicycle & Pedestrian Bridge	Paso Robles St	Navajo Ave	Class 1	Stakeholder 2017	Bike and ped bridge to connect into downtown. Would be good to construct a river path from this crossing to the 13th St. bridge	Will require a bridge approximately 300'-350'.
9	Bike and Ped	Salinas River Trail	Navajo Ave	Niblick Rd.	Class 1	Stakeholder 2017	Improve existing unpaved path and trail head for safer access and visibility	Shown incorrectly on map as existing Class I from Niblick to Navajo
10	Bike and Ped	Niblick Rd	River Rd			Stakeholder 2017	Intersection crossing markings, enhanced pedestrian crossings, improve traffic signal timing for pedestrians	This just refers to the intersection of Niblick and South River. Should also include the Shopping Center and Niblick intersections.
12	Bike and Ped	Multi-Use Path	River Rd	Creston Rd	Class 1	Stakeholder 2017	Extend and enhance existing path, install wayfinding signage	This should be divided into 2 sections. The existing paved section on the east end and the existing dirt section on the west end. The existing east end has one drainage crossing that could be improved with a small bridge. West end comes into Kennedy parking lot. Need to check if there is an easement. Included in 2009 Bike Project List 328.
13	Bike and Ped	Bicycle & Pedestrian Bridge	Salinas River Trail	Riverbank Ln	Class 1	Stakeholder 2017	Bike and ped bridge to connect into southern Paso Robles- shopping center, hotels, Firestone, etc.	As shown on the map, this goes from Riverbank to #23 the Salinas River Trail Does not extend to Vine Street.
14	Bike and Ped	Salinas River Trail	Riverbank ped/bike bridge	Near Quinn CAT Rental	Class 1	Stakeholder 2017	Multi-use path	This looks like a duplicate of #23 or maybe an alternative. Do not need both.
15	Bike and Ped	North River Rd	CA-46	Union Rd	Class 1	Stakeholder 2017	Multi-use path. Corridor studied in SLOCOG Routes of Regional Significance	This should be divided into 2 different paths. 15A would be a Class 3 on N. River Road. 15B would be a Class 1 in the river.
17	Bike	Union Rd	CA-46	Barney Schwartz Park	Class 2	Stakeholder 2017	Bike lanes, wayfinding signage	Will need to widen road
19	Bike and Ped	Huerhuero Creek Trail	Golden Hill Rd	CA-46	Class 1	Stakeholder 2017	Multi-use path	This would be extremely difficult to build and very expensive. A portion of this trail is part of the requirement for Erskine's industrial park. Check easement location for Erksine project.
20	Bike and Ped	New Multi-Use Path	Huerhuero Creek	Union Road	Class 1	Stakeholder 2017	Multi-use path	It may be possible to put a path under the bridge to connect to the Water Park but it cannot connect to Vina Robles, which is not on the Huerhuero. It would have to be located on the north east side of the river to connect to the Water Park, but then would have to cross the river to connect to Barney Schwartz Park which is the only thing near the south end of this proposed path. Part of this is included in 2009 Bike Project List #44. Need easement from Butterfield.
22	Bike	Vine Street	24th St	6th St	Class 2	Stakeholder 2017	Class 2 striping with green striped intersections	Existing Class II works well. Some of it is already striped.
25	Bike and Ped	24th St	Spring St	River Rd	Class 2	SLOCOG Routes of Regional Significance	Corridor studied in SLOCOG Routes of Regional Significance. Add conflict striping at intersections.	Map shows extending to Freeway at 101. The map shows extending the Class II west of Spring to Mountain Springs Road. There is some work being done on this overpass for a new design.
27	Bike	Wisteria Ln	Golden Hill Rd	Airport Rd	Class 2	SLOCOG Routes of Regional Significance	Corridor studied in SLOCOG Routes of Regional Significance	If there is a crossing there it will probably be at the entrance to the future Destino Paso Resort. The road improvements will be by Developer.
28	Bike	Airport Rd	Dry Creek Rd	CA-46	Class 2 Buffered when possible	SLOCOG Routes of Regional Significance	Corridor studied in SLOCOG Routes of Regional Significance	Destino Paso was conditioned to use buffered bike lanes. Included in 2009 Bike Project List #79.

32	Bike	River Rd	Creston Rd	Charolais Rd	Class 2	SLOCOG Routes of Regional Significance	Corridor studied in SLOCOG Routes of Regional Significance	There is no room for Class II bike lanes. It is parallel to a Class 1 trail. It could be Class III. Navajo to Niblick already has Class II striping.	
33	Bike	Charolais Rd	River Rd	East City Boundary	Class 3A	SLOCOG Routes of Regional Significance	Corridor studied in SLOCOG Routes of Regional Significance	Class I and Class 2 existing. Need Sharrows on South side (County). Included in 2009 Bike Project List #9.	
34	Bike	Airport Rd, Tower Rd, Jardine Rd, Beacon Rd, Aerotech Center Way	Dry Creek Rd	Dry Creek Rd	Class 3A	2009 Bicycle Master Plan	Airport loop bike lanes	Sharrows and signage. Included in 2009 Bike Project list #90-#93.	
35	Bike	Buena Vista Dr	Dallons Drive	Airport Rd	Class 2 3	2009 Bicycle Master Plan		This is not existing Class 1. It should be divided into 37A, and 37B. 37A Class 2. 37B Class 3. Included in 2009 Bike Project List #11 and #17	
37	Bike	Golden Hill Rd	CA-46	Airport Rd	Class 1,2/3A (Sharrow)	2009 Bicycle Master Plan/2017 Paso Robles GIS		This is not existing Class 1. It should be divided into 37A, 37B and 37C. 37A Class 2. 37B Class 1. 37C Class 3. Do not understand this one. The map is showing as the extension of Wysteria. It also shows Tractor Street and Germain Way. Included in 2009 Bike Project List #10, #87 and #88.	37A 2hrs, 37B 6hrs, 37C 2hrs
38	Bike and Ped	Golden Hill Road	CA-46	Union Rd	Class 2	2009 Bicycle Master Plan	Missing sidewalks. Needs striping.	This will be part of the Roundabout project. Included in the AB 1600 list #4.	
39	Bike and Ped	Buena Vista Dr	Experimental Station Road.	Hwy 46	Class 3	2009 Bicycle Master Plan		This is confusing. Each segment should be broken down. There should be mentioned that the San Antonio Winery was conditioned to put in a crosswalk at Buena Vista and Experimental Station Rd. Where would there be a Class 1 path? The underpass should be eliminated.	Just Class 3
43	Bike	Neighborhood Class 3 Connections	Creston Rd	Niblick Rd	Class 3A	2009 Bicycle Master Plan		Sharrows and signage.	
44	Bike and Ped	Pat Butler Elementary School Facilities (Nicklaus Drive)	Niblick Road	Rambouillet Road	Class 2	2009 Bicycle Master Plan/2017 Paso Robles GIS		Class 2 on Nicklaus.	
45	Bike	Larry Moore Park Facilities	Salinas River Path	River Road	Class-3	2009 Bicycle Master Plan		There is already a paved Class I path on the east side of Larry Moore Park. Not sure of the feasibility of making Riverbank and Bridgegate Class II bikeways. They should be just Class III.	
47	Bike	Neighborhood Class 2 Connections	Snead St	Charolais Rd, Creston Rd	Class 2	2009 Bicycle Master Plan/2017 Paso Robles GIS		This should be broken down into segments. Class II is not possible in areas such as Stoney Creek Road because of excessive street parking and road width.	
49	Bike	Neighborhood Connections - South of Sherwood Rd	Creston Rd	Airport Rd	Class 1,2,3	2009 Bicycle Master Plan/2017 Paso Robles GIS		Need to break these out to separate sections. On 2009 Bike Project List.	
50	Bike and Ped	Beechwood Specific Plan	Beechwood Dr	Airport Rd	Class 2	2009 Bicycle Master Plan/2017 Paso Robles GIS	Beechwood Specific Plan	Should be broken down to 50A-Class 2, 50B-Class 1 and 2 and 50C Class 1. Airport Road with Class I path	
52	Bike	Uptown - 24th St to 10th	24th St	10th St	Class 2, 3, 3A (Sharrow)	2009 Bicycle Master Plan/2017 Paso Robles GIS		This needs to be broken down into segments. On 2009 Bike Project List # 1 and #2.	
53	Bike	Uptown - South of 10th	10th St	4th St	Class 2, 3	2009 Bicycle Master Plan/2017 Paso Robles GIS		This needs to be broken down into segments. On 2009 Bike Project List # 3, #4 and #7.	
54	Bike	Riverside Avenue	36th St	21st St	Class 2 Green	2009 Bicycle Master Plan/2017 Paso Robles GIS			
55	Bike	Town Center South Loop	Proposed Rd	Proposed Rd	Class 2	2009 Bicycle Master Plan/2017 Paso Robles GIS	Missing Connections in the Town Center South area along proposed roads		
56	Bike and Ped	Creekside Path	Nicklaus Drive	Old South River Road	Class 1	2009 Bicycle Master Plan #24	This is not shown correctly on the map. Existing Class 1 needs to be extended to Nicklaus. It crosses a small creek and will need either repair of the existing pipe cover or a small bridge.	This should be a very high priority. There is an existing pipe that has washed out, leaving a very dangerous condition. This is a potential liability issue as many people use this trail to get down to the Walmart shopping center. Money has been earmarked for this project by the expansion of the Alder Creek Apartments. Listed on 2009 Bike Project list #24	