

TO: James L. App, City Manager
FROM: Doug Monn, Public Works Director
SUBJECT: **12th Street Improvements, Spring to Fresno**
DATE: November 18, 2014

NEEDS: For the City Council to review recommendations from the Ad Hoc Committee (Picanco and Strong) for final design of a Proposition 84 grant project at 12th Street.

- FACTS:**
1. On July 2, 2014, staff held a Community Workshop with the surrounding residents of the 12th Street project. The invitation list comprised a 300-foot radius of 12th Street from Spring to Fresno (approximately 150 addresses).
 2. Over 20 people attended the workshop.
 3. Several suggestions and recommendations about the final project design were made by attendees. Written comments were received at the workshop as well as emails after the workshop.
 4. The following changes to the project design were suggested.
 - a) Extend project scope from Fresno to Merry Hill, install missing curbs, gutters and sidewalks, and re-pave road section.
 - b) Extend the storm drain pipe line construction from Olive to Fresno.
 - c) Install a debris/retention basin at the west end of 12th Street.
 - d) Decrease the planned nine-foot wide sidewalk to five feet.
 - e) Install additional underground infiltration features (drywells) along the south side of 12th Street.
 5. The following general design comments were also received.
 - a) Do not use bulb-outs for the storm water retention areas.
 - b) As much as possible, retain parking areas on both sides of the street.
 6. The Proposition 84 Grant Administrator also made the following revisions to the preliminary design.
 - a) Install a sediment vault to capture more sediment.
 - b) Install additional drywells with sediment traps.
 - c) Use pervious pavers in lieu of concrete sidewalk.

ANALYSIS &

CONCLUSION: Staff developed a comprehensive evaluation of all suggestions generated from the workshop. Attached are exhibits and potential cost estimates for the suggestions. The Ad Hoc Committee reviewed the suggestions and associated costs. The Ad Hoc Committee is recommending that the project as shown on the attached exhibit proceed for final design/construction.

POLICY REFERENCE: None

FISCAL IMPACT: The project as currently designed has a comprehensive funding need of \$2,350,000, which includes preliminary engineering, soils testing, survey, final design, construction staking, construction soils compaction testing, pavement compaction testing, construction administration, and construction. The Proposition 84 grant will provide \$1,150,000 with the rest covered by Supplemental Sales Tax funds.

Available Funds

Prop 84	\$1,150,000
Supplemental Tax	<u>1,200,000</u>
	\$ 2,350,000

The scope of work for this budget is as shown on the attached exhibit namely:

- Storm drain pipeline from Spring to Olive.
- Minor pavement re-striping and pipeline trench restoration (Spring to Vine)
- Reconstruct/install missing sidewalks and curbs and gutter as well as driveways along the north side of 12th from Vine to Fresno and install linear storm water retention areas.
- Pave (36 foot wide) 12th Street from Vine to Fresno
- Minimum landscape restoration from Vine to Fresno
- A bulb-out storm water retention at south side Vine Street – all others (north side) to be linear
- Reconstruct curb ramps at Vine (4 corners), Olive (4 corners), Chestnut (4 corners), Townhouse Terrace (2 corners), Fresno (2 corners)
- Reconstruct cross-gutters at Fresno, Townhouse Terrace, Chestnut, Olive
- Install 8 infiltration dry wells (4 with sediment trap)
- Install sediment vault at southwest corner Fresno / 12th
- Pervious pavers in lieu of concrete sidewalk

OPTIONS:

- a. Approve the recommendations of the Ad Hoc Committee and direct staff to proceed with the final design of the 12th Street Improvement project; or
- b. Amend, modify, or reject the above option.

Prepared by: Ditas Esperanza, P.E., Capital Projects Engineer
Attachments: 1) List of work items for consideration which includes exhibits and rough cost estimates
2) Expenditure Plan
3) Preliminary Plans (3 pages)

WORK ITEMS

12th Street Improvements, Spring to Fresno

Suggestions & Recommendations from Community Workshop

1. Do not use bulb-outs for storm water retention. See attached exhibit illustrating all storm water retention areas have been redesigned to be linear. This would require construction of an area next to the storm water retention area to allow a place to step when people get out of their cars. The current nine-foot wide sidewalk would be "split" with a five-foot sidewalk behind the curb and another five-foot sidewalk next to the right-of-way. In between the sidewalks would be either a storm water retention area or parkway.

Cost impact to (included in adopted budget)

None

Note: All storm water retention areas are linear except for the one at southwest corner of Vine/12th because of an existing oak tree (to remain).

2. Extend project surface improvements (curb, gutter, sidewalk, paving) per attached preliminary exhibit, from Fresno to Merry Hill.

Cost impact to current budget

\$ 800,000

3. Extend the storm drain pipe line construction from Olive to Fresno

Note: The Storm Drain Master Plan states that a storm water pipe line to address local runoff (two year storm) is only needed from Spring to Olive. If we want to address a Storm Water Event of greater magnitude (50 year or 100 year) a five foot by five foot reinforced concrete box is needed.

4. Install a debris/retention basin at the west end of 12th Street.

A sediment vault will be installed to address this concern.

5. Widen the road an additional four feet to provide bike lanes.

Note: The adopted Bikeway Master Plan does not show 12th Street as a bikeway corridor. Further, staff contacted the SLO Bikeway Coalition and they agreed that 12th Street is not needed as a regional bikeway access.

6. Install additional underground infiltration features (dry wells).

Note: Current design includes eight dry wells within the adopted budget.

Expenditure Plan – Supplemental Sales Tax Road Maintenance

Adopted February 2014

SUMMER 2014

Rolling Hills, Airport Rd, Country Club, S River Rd	\$ 1,560,000
Spring Street, 16th to 24th	<u>1,700,000</u>
	\$ 3,260,000
Ongoing design costs for all streets	\$ 900,000
TOTAL	\$ 4,160,000

SUMMER 2015

Jackson, Walnut Shannon Hill	\$ 605,000
12th Street	1,200,000
Scott Street, Creston to Airport Rd	2,200,000
Union Road, Kleck to Montebello Oaks	\$ 285,000
TOTAL	\$ 4,290,000

SUMMER 2016

Creston Road, Golden Hill to Oak Meadows	\$ 700,000
Union Road, Golden Hill to Hwy 46	600,000
Spring Street, 1st to 15th <i>(includes SD & side channels at 7th & 8th)</i>	3,000,000
TOTAL	\$ 4,300,000

SUMMER 2017

Creston Road, So River to Rolling Hills	\$ 4,300,000
TOTAL	\$ 4,300,000

SUMMER 2018

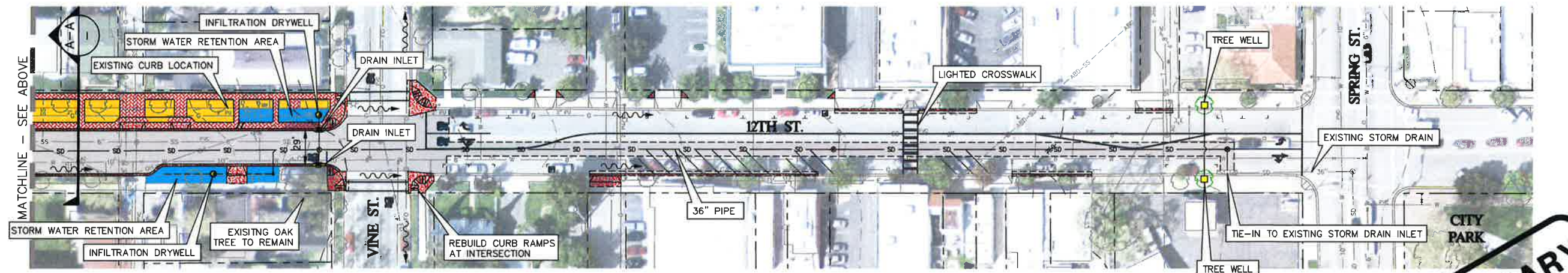
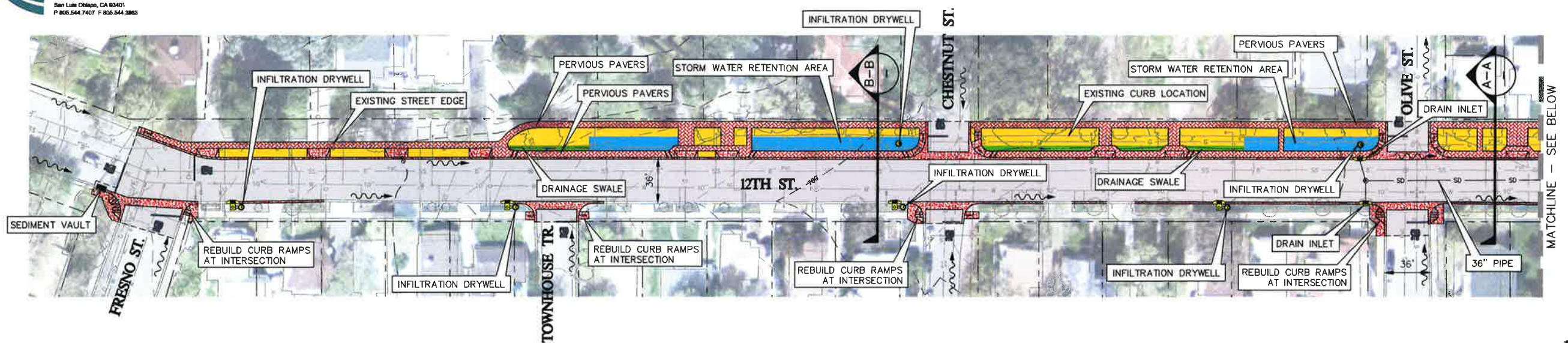
Sherwood Road, Creston to Linne	\$ 1,300,000
Spring Street, 24th to 36th	2,000,000
Vine Street, 1st to 36th	500,000 <i>(final design)</i>
TOTAL	\$ 3,800,000

UPDATE

- 1) The General Fund Reserves provided \$270,139 to supplement the Airport Road project to expand the project limit to Linne Road.
- 2) The General Fund Reserves is lending \$300,000 to pave Riverside from 10th Street to 12th, to be paid with Supplemental Sales Tax revenue in 2019.

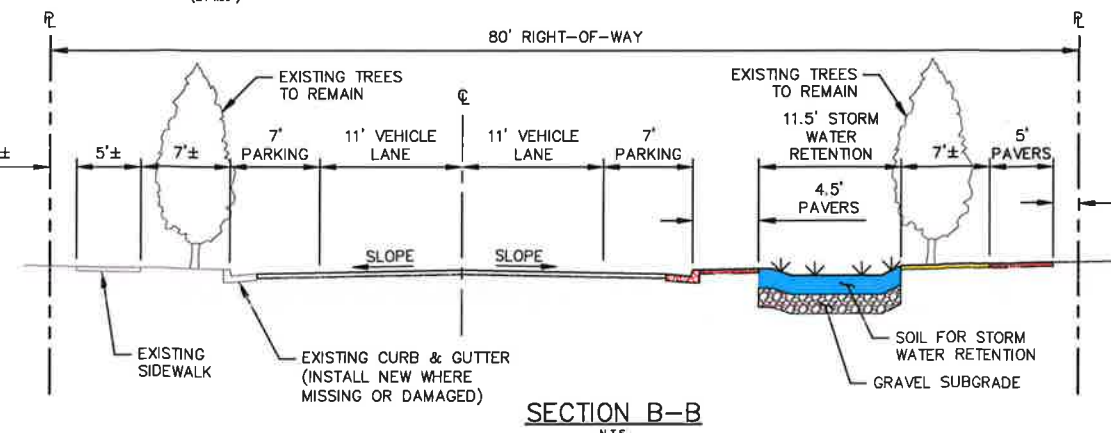
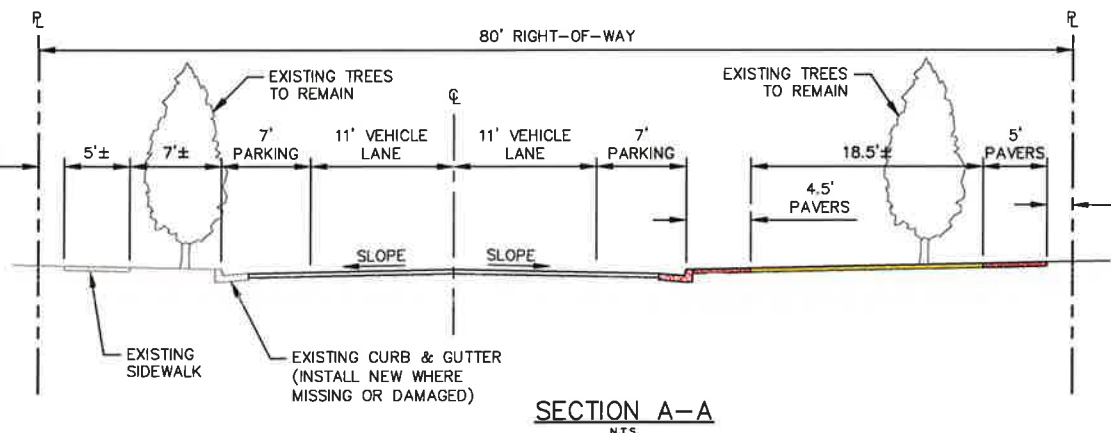


CITY OF PASO ROBLES PRELIMINARY 12TH STREET IMPROVEMENT PLAN



PROJECT PLAN
SCALE: 1" = 40'
(24" x 36")

PRELIMINARY



- LEGEND**
- NEW CONCRETE
 - NEW PERVIOUS PAVERS
 - NEW MULCH AND EXISTING STREET TREES
 - NEW STORM WATER RETENTION AREA
 - NEW DRAINAGE SWALE
 - ASPHALT REPLACEMENT

10/30/14

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