

Childs Avenue Sidewalk Project

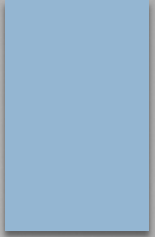
CITY OF MERCED

CITY COUNCIL MEETING

Background

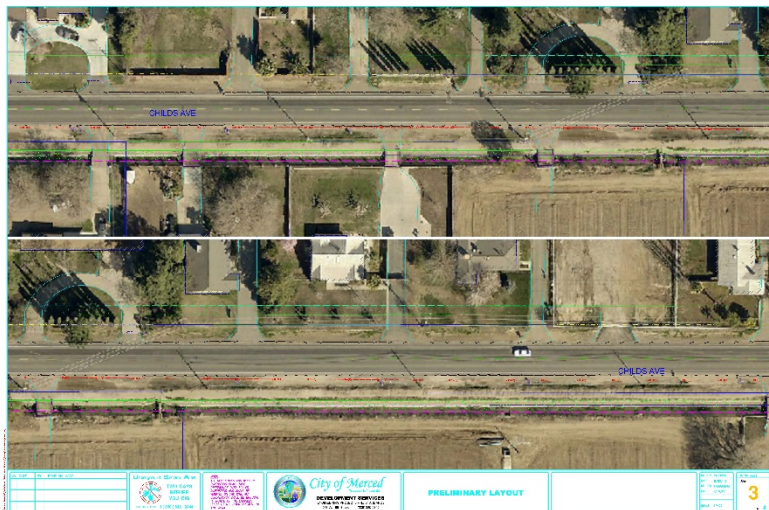
- ▶ Right of Way acquisition
 - South of Childs Ave. – Water main project in 2013
- ▶ South Merced Town Hall Discussion
 - Evaluate options for location of a multi-use path
 - Investigate grant funding opportunities
 - Goal of enhancing safety for children on their way to school between Weaver Middle School and Golden Valley High School
- ▶ Caltrans Grant Funding
 - Active Transportation Program (ATP) – Cycle 4
 - Due July 31, 2018
 - December 31, 2018 – projects recommend to State Commission

ATP Grant Requirements



1. Disadvantage Communities
2. Increase in Users, i.e. walking and bicycling especially among students to and from school
3. Reduction of pedestrian collisions
4. Public participation
5. Recognized “Best Solutions” employed in this project
6. Leveraging funds – matching funds

Maps of Project



Cost Scenarios – South Side

Sidwalk on Child Ave from Parson to Campus Parkway (South Side)					
	QUANTITY	UNIT	DESCRIPTION	UNIT COST	COST
1	1	LS	Mobilize	\$20,000.00	\$20,000
2	1	LS	Demolition	\$10,000.00	\$10,000
3	1	LS	Clear and Grub	\$30,000.00	\$30,000
4	1	LS	SWPPP	\$3,000.00	\$3,000
5	1	LS	Survey	\$5,000.00	\$5,000
6	2,700	LS	72" RGRCP pipe	\$750.00	\$2,025,000
7	1	EA	48" Stand pipe	\$12,000.00	\$12,000
8	20,908	SF	8' wide sidewalk	\$16.00	\$334,528
9	1	LS	Signing and Striping	\$10,000.00	\$10,000
			Sub-total		\$2,449,528
			Contingency (15%)		\$367,429
			Construction Inspection (15%)		\$367,429
			Total Construction Cost		\$3,184,386
			Project Study Report		\$63,688
			Environmental (5% of the construction cost)		\$63,688
			Design (5% of the construction cost)		\$159,219
			TOTAL PROJECT COST		\$3,470,981

Pros v. Cons of South Side

► Positive elements

- City controls ROW – no impact to residents
- Enhances safety by undergrounding MID canal
- Matches existing pedestrian practices
- Design period is minimal, increasing grant competitiveness

► Negative elements

- Undergrounding MID canal makes up significant portion of construct cost
- Doesn't connect to existing residential area

Cost Scenarios – North Side

Sidwalk on Child Ave from Parson to Campus Parkway (North Side)					
	QUANTITY	UNIT	DESCRIPTION	UNIT COST	COST
1	1	LS	Mobilize	\$20,000.00	\$20,000
2	1	LS	Demolition	\$60,000.00	\$60,000
3	1	LS	Clear and Grub	\$150,000.00	\$150,000
4	1	LS	SWPPP	\$5,000.00	\$5,000
5	1	LS	Survey	\$5,000.00	\$5,000
6	1	AC	Additional Right of Way	\$100,000.00	\$100,000
7	5	EA	Purchase of the property	\$280,000.00	\$1,400,000
8	5	EA	Relocation Assistance [49 CFR 24.403(f)]	\$31,000.00	\$155,000
9	3	EA	ADA return	\$25,000.00	\$75,000
10	20,908	SF	8' wide sidewalk	\$16.00	\$334,528
11	1	Lump sum	Utility Coordination	\$60,000.00	\$60,000
12	1	Lump sum	Landscaping	\$50,000.00	\$50,000
13	1	Lump Sum	Misc. Repair	\$100,000.00	\$100,000
14	1	LS	Signing and Striping	\$30,000.00	\$30,000
			Sub-total		\$2,544,528
			Contingency (15%)		\$381,679
			Construction Inspection (15%)		\$381,679
Total Construction Cost					\$3,307,886
			Project Study Report		\$66,158
			Environmental (5% of the construction cost)		\$66,158
			Design (5% of the construction cost)		\$165,394
			Right-of-way acquisition		\$165,394
TOTAL PROJECT COST					\$3,605,596

Pros v. Cons of North Side

► Positive elements

- Does not require the undergrounding of MID canal
- Side aligns with overall east/west connectivity

► Negative elements

- Requires ROW acquisition – with impact to property owners
- Duration of acquiring necessary right of way
- Not within the City limits
- Need to relocate existing power poles
- Would not be as competitive in the ATP process

Staff Direction

- ▶ Council to selection layout option
- ▶ Provide staff the authority to apply for APT Grant
- ▶ Provide staff the authority to use Measure V funds as match – maximum amount of approx. \$360,000 depending on layout option selected