



**Council Meeting: December 16, 2008**

**SUBJECT: Resolution of Support for a Grant in the Amount of \$756,000 from the State Bicycle Transportation Account for the East Channel Bicycle and Pedestrian Trail, and Approval of Budget Modification No. 21**

**REPORT IN BRIEF**

The Department of Public Works is seeking Council approval by resolution (Attachment A) to apply for a grant in the amount of \$756,000 from the State Bicycle Transportation Account in order to complete the design and implement the East Channel Bicycle and Pedestrian Trail. Total project cost is estimated to be \$945,000. As a condition of the grant, City matching funds of 20% in the amount of \$189,000 are required. Staff is requesting Council approve Budget Modification No. 21 to appropriate \$189,000 from the Transportation Grant Matching Fund project for FY 2008/2009 to commit the required matching funds for the project. Should a grant be awarded, grant funds will be included in the recommended 2009/2010 budget.

Due to the immediate grant deadline, staff did not have an opportunity to request Council authorization in advance of filing the grant application prior to its deadline of December 1, 2008. Submittal of the grant application does not commit the City to constructing the project, however.

This bicycle and pedestrian trail project runs along the service road abutting to the Water District's East Channel located within the City of Sunnyvale. The project is contained in the City's Bicycle Plan. It is also a part of the Tasman/Fair Oaks Area Pedestrian and Bicycle Circulation Plan. This project is currently listed in the CIP under No. 900468 as an unfunded project.

**BACKGROUND**

The Bicycle Transportation Account is a source of State funds created for the purpose of improving safety and convenience for bicycle commuters. Competitive grants are distributed to local agencies by the California Department of Transportation on an annual basis. For the 2009/2010 cycle, \$7.2 million is expected to become available statewide for projects.

The subject grant application is for the establishment of a transportation and recreational trail along the maintenance road of the existing East Flood Control Channel. The trail will be 10-foot wide for a total length of 2,100 feet. Adjacent

to the trail, there will be some low maintenance landscaping and lighting. An area map and a project cross-section are attached for reference (Attachments B and C).

This trail will provide an excellent opportunity to expand access to the City's existing John W. Christian Greenbelt located at its southerly end. It will also create connections to regional transit, particularly the Santa Clara Valley Transportation Authority (VTA) light rail service along Tasman Drive at the northerly limit of the trail project. If awarded and accepted, funds will be used in direct support of the State Bicycle Transportation Account program goals and objectives.

### **EXISTING POLICY**

The following documents contain policy direction on this issue:

*Land Use and Transportation Element C3.5:* Support a variety of transportation modes.

*Land Use and Transportation Element C3.5.4:* Maximize the provision of bicycle and pedestrian facilities.

*Land Use and Transportation Element C3.5.5:* Implement the Sunnyvale Bicycle Plan.

*Land Use and Transportation Element C3.7:* Pursue local, state and federal transportation funding sources to finance City transportation capital improvement projects consistent with City priorities.

*Law Enforcement Sub-Element Policy 4.1A.5:* Facilitate the safe movement of pedestrians, bicyclists, and vehicles.

*Air Quality Element A.2.a:* Develop and maintain a balanced transportation system in Sunnyvale by promoting pedestrian, bicycle and transit modes of travel.

### **DISCUSSION**

Based on consultation with the civil and traffic engineering firm that worked on the Tasman/Fair Oaks Area Pedestrian and Bicycle Circulation Plan, completing the design and construction of the East Channel Trail is estimated to cost \$945,000. This work will include a 10-foot wide asphalt concrete trail, low maintenance landscaping, and trail lighting. It also includes the construction of a retaining wall at the trail's northerly limit at Tasman Court.

The East Channel Bicycle and Pedestrian Trail is planned within the City's right-of-way. Preliminary design plans are attached for reference (Attachment D). The Water District has shown interest in the project and provided a letter of support to accompany the City's grant application to the State. The project is also supported by the surrounding communities including the Lakewood Village Neighborhood Association, which also provided the City with a letter of support.

The project will serve bicycle and pedestrian commuters that utilize the VTA light rail service along Tasman Drive, as well as the bicycle and pedestrian facilities along Tasman Drive, Fair Oaks Avenue and other surrounding area streets. The project is also expected to support bicycle and pedestrian commuting trips by students traveling to/from area schools including the Lakewood Elementary School. In addition, it should be noted that the project will provide an excellent opportunity to connect with the City's existing John W. Christian Greenbelt located at its southerly limit of the trail alignment, and the bike/pedestrian bridge overcrossing US 101.

Establishment of the East Channel Bicycle and Pedestrian Trail is an eligible cost under the State Bicycle Transportation Account program. The project is also consistent with the City's Resource Allocation Plan, General Plan Land Use and Transportation Element, the 2006 Sunnyvale Bicycle Plan, and the 2004 Tasman/Fair Oaks Area Pedestrian and Bicycle Circulation Plan.

### **FISCAL IMPACT**

The total cost for completing the project design and construction of the trail is \$945,000. If awarded, the grant will cover 80% of the project's total cost for an amount of \$756,000. The local match will account for 20% of the total project cost for an amount of \$189,000. Local matching funds are proposed to come from Project 825541, Transportation Grant Matching Funds. It is expected that, if awarded, grant funds will be available to the City in FY 2009/2010. Because of the required match, however, it is recommended that the funds for the local match be committed in the current year to ensure they are available if the grant is received. If the grant is received, staff will return to Council to request acceptance and appropriation of the grant revenues. This project is categorized as revenue dependent, and therefore it will not begin unless the grant is awarded to the City.

Budget Modification No. 21 has been prepared to appropriate \$189,000 from Project 825541, Transportation Grant Matching Funds, to the new East Channel Trail project, should the grant be awarded. Sufficient funds are available in Project 825541 to cover the City's match.

**BUDGET MODIFICATION # 21  
FY 2008-09**

	<u>Current</u>	<u>Increase (Decrease)</u>	<u>Revised</u>
<b>Capital Projects Fund/General Sub-fund (385/950)</b>			
<u>Transfers In:</u>			
New Project – East Channel Trail Implementation	\$0	\$189,000	\$189,000
<u>Expenditures:</u>			
New Project – East Channel Trail Implementation	\$0	\$189,000	\$189,000
Project #825541 – Transportation Grant Matching Funds	\$214,805	(\$189,000)	\$25,805
<u>Transfers Out:</u>			
Project #825541 – Transportation Grant Matching Funds	\$0	\$189,000	\$189,000

There is no net fiscal impact for ongoing maintenance of this project. Future Maintenance can be provided within existing service levels and absorbed in the program's operating budget.

**PUBLIC CONTACT**

Public contact was made by posting the Council agenda on the City’s official-notice bulletin board outside City Hall, in the Council Chambers lobby, in the Office of the City Clerk, at the Library, Senior Center, Community Center, and Department of Public Safety; posting the agenda and report on the City’s Web site; and making the report available at the Library and the Office of the City Clerk.

**ALTERNATIVES**

1. Approve the attached Resolution (Attachment A) and authorize staff to apply for State Bicycle Transportation Account grant funds in the amount of \$756,000 for completing the design and implementation of the new East Channel Bicycle and Pedestrian Trail project and approve Budget Modification No. 21 to appropriate the City’s required matching funds from Project 825541, Transportation Grant Matching Funds, into a new project.

2. Do not take action at this time and forfeit the opportunity to compete for the current State Bicycle Transportation Account funds.
3. Other action as directed by Council.

**RECOMMENDATION**

Staff recommends Alternative No. 1: Approve the attached Resolution and authorize staff to apply for State Bicycle Transportation Account grant funds in the amount of \$756,000 for completing the design and implementation of the new East Channel Bicycle and Pedestrian Trail project and approve Budget Modification No. 21 to appropriate the City's required matching funds from Project 825541, Transportation Grant Matching Funds, into a new project.

Submittal of this grant application is consistent with City policy to support all modes of transportation and to pursue use of intergovernmental funding for planned City projects.

Reviewed by:

Marvin A. Rose, Director of Public Works

Prepared by: Heba El-Guendy, Senior Transportation Planner

Reviewed by:

Mary Bradley, Director of Finance

Approved by:

Gary M. Luebbbers  
City Manager

**Attachments**

- A. Resolution of Support
- B. Map illustrating the project location
- C. Cross section of the trail along with associated lighting
- D. Preliminary design plans illustrating alignment of the 2,100-foot trail

## Attachment A

### RESOLUTION NO. \_\_\_\_\_

#### **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SUNNYVALE AUTHORIZING THE SUBMITTAL OF AN APPLICATION FOR IMPLEMENTATION OF THE EAST CHANNEL PEDESTRIAN AND BICYCLE TRAIL, AND AUTHORIZING IMPLEMENTATION OF THE PROJECT IF THE APPLICATION IS APPROVED BY THE STATE OF CALIFORNIA**

WHEREAS, the City of Sunnyvale supports provision of safe and convenient access to bicycle and pedestrian traffic including commuters, and wishes to take action to implement the East Channel Trail which will expand access to the regional transit and the City's existing John W. Christian Greenbelt; and

WHEREAS, the City of Sunnyvale intends to submit a funding application for the California Bicycle Transportation Account funds to construct a bicycle and pedestrian trail along the Water District's East Channel as contained in the City's Bicycle Plan and the Tasman/Fair Oaks Area Pedestrian and Bicycle Circulation Plan; and

WHEREAS, the City of Sunnyvale, if selected, will enter into an agreement with the State of California and provide a 20% local match for implementation of the project.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SUNNYVALE THAT:

1. The City Manager or his designee is authorized to submit application for the State Bicycle Transportation Account (BTA) funds on behalf of the City of Sunnyvale.
2. The City Manager or his designee is authorized to approve and to execute all Master Agreements, Program Supplemental Agreements, Fund Exchange Agreements and/or Fund Transfer Agreements and any amendments thereto with the State of California for the purpose of implementing the East Channel trail should the application for BTA funds be approved.
3. Certifies that the City of Sunnyvale has or will have available funds to provide the 20% local match, and to operate and maintain the project following its implementation.

Adopted by the City Council at a regular meeting held on \_\_\_\_\_, 2008, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

APPROVED:

\_\_\_\_\_  
City Clerk  
(SEAL)

\_\_\_\_\_  
Mayor

APPROVED AS TO FORM AND LEGALITY:

\_\_\_\_\_  
David Kahn, City Attorney

# Bicycle and Pedestrian Access Improvements For Tasman/Fair Oaks Area

## Legend

- ★ VTA Light Rail Station
- Future Trail
- School Sites
- ↔ Bike/Ped. Improvements
- JWC Greenway
- ⊕ VTA Light Rail Service
- ▬ Bike/Ped Bridge
- ▬ Future Bike/Ped Bridge
- ▬ Improvement Underway
- ▬ Future Sidewalk
- ▬ Existing Sidewalk

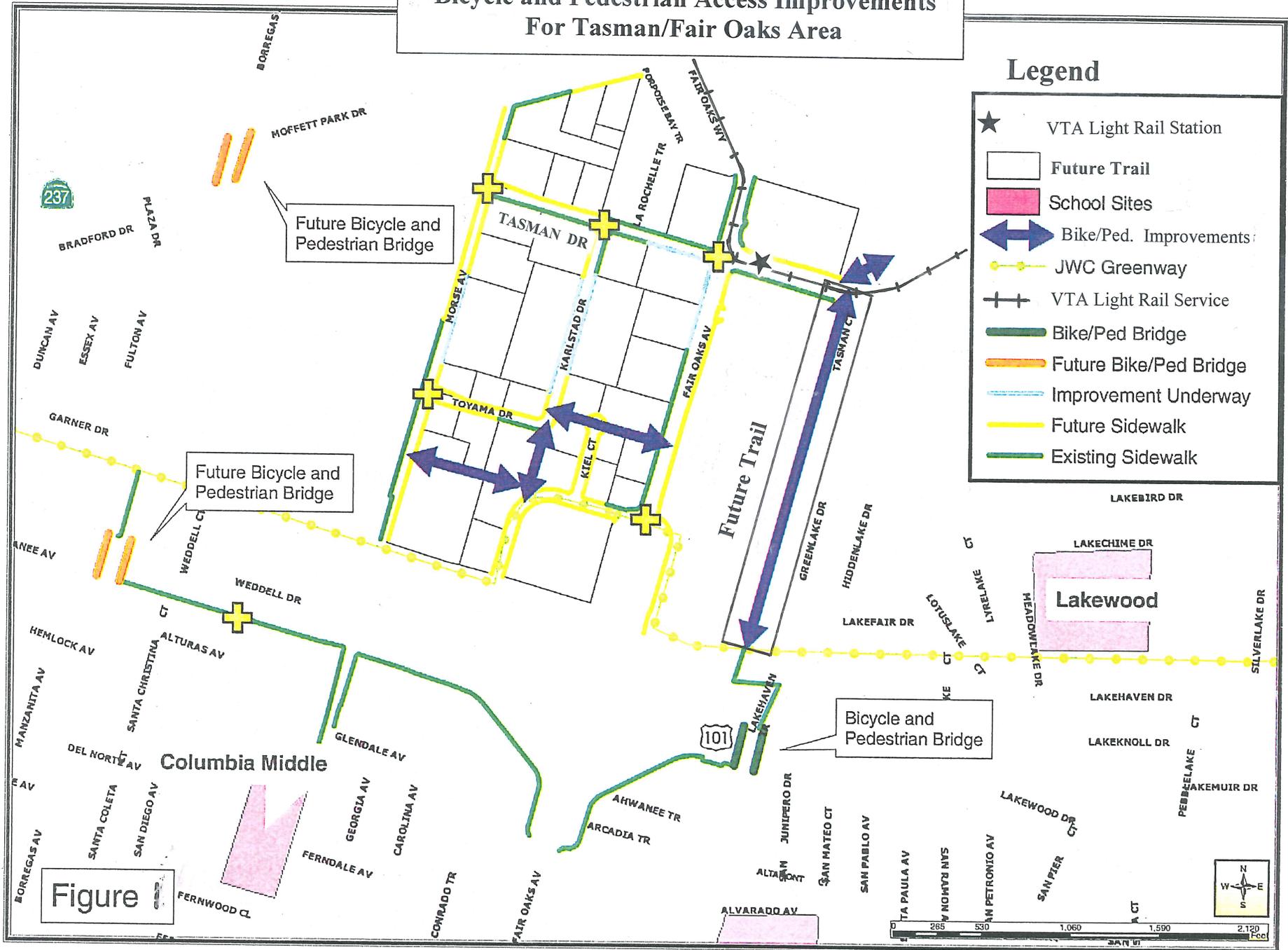
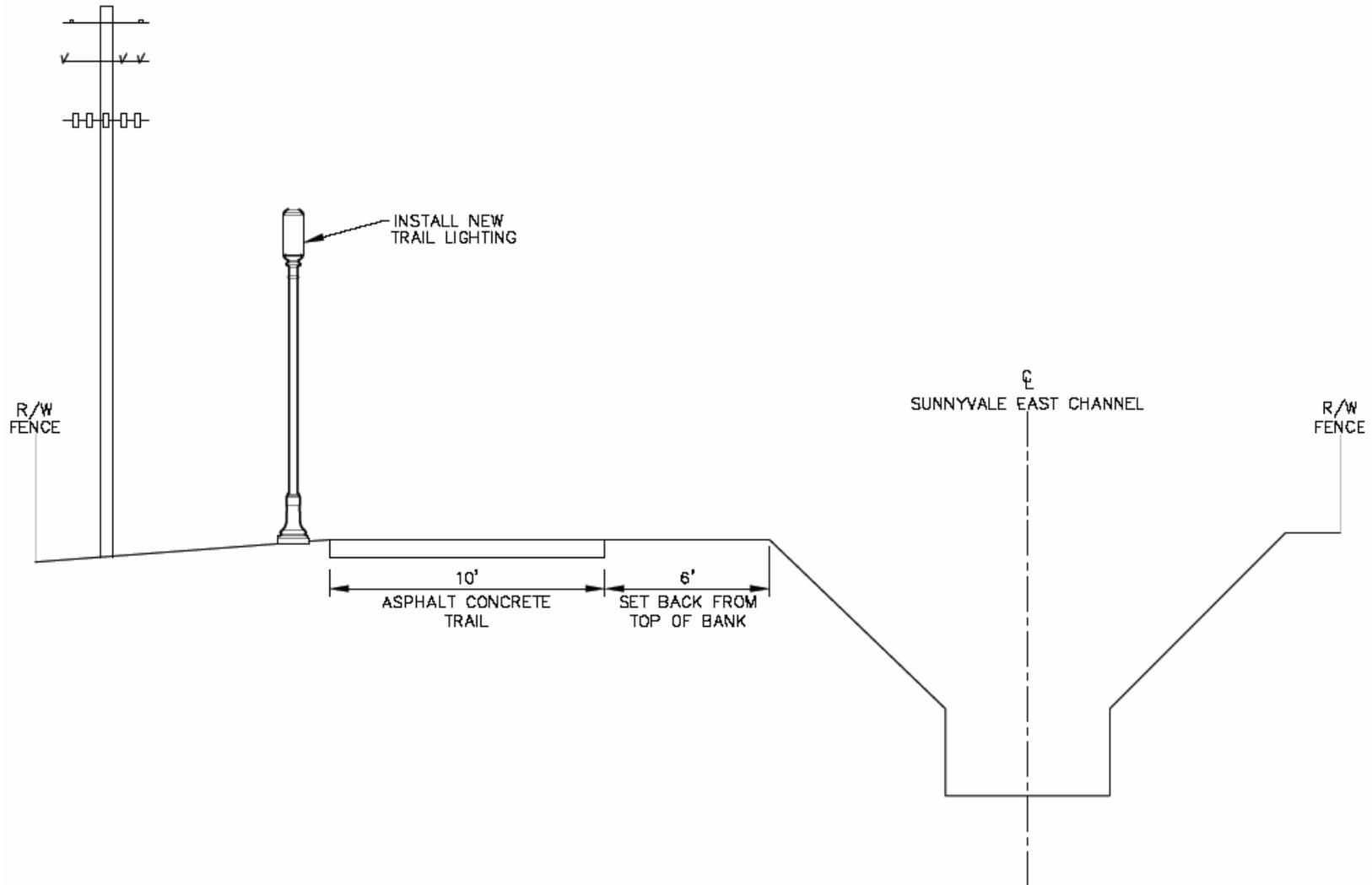


Figure 1

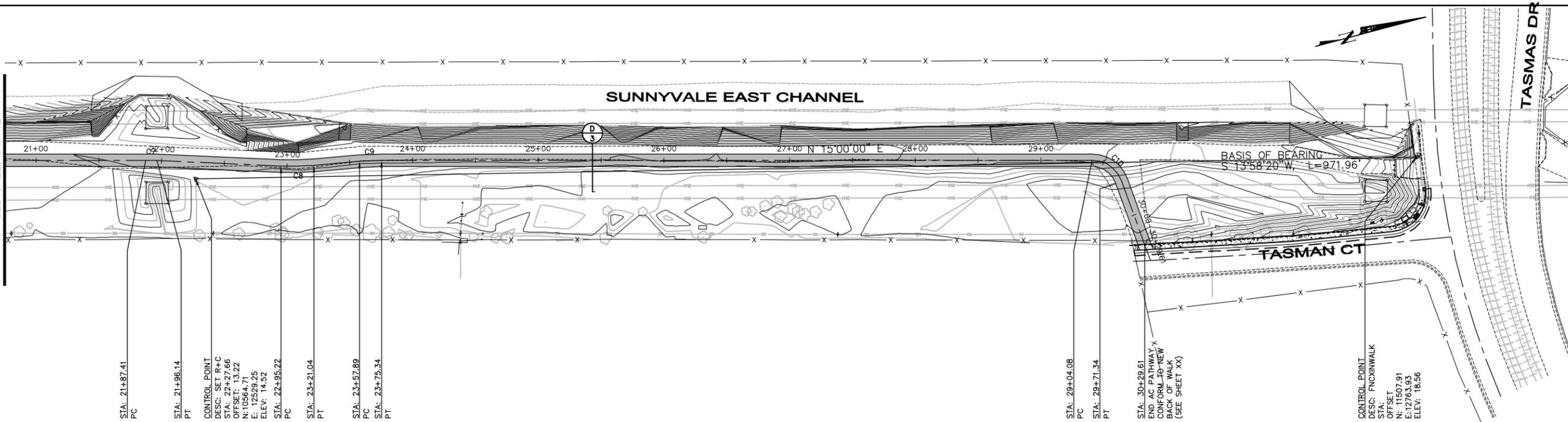
# Attachment C

## Proposed Bicycle and Pedestrian Trail along Sunnyvale East Channel

Total Length of 2,100 Feet



MATCH LINE - STA: 20+75  
SEE SHEET PP-12



STA: 21+87.41  
PC

STA: 21+96.14  
PT

**CONTROL POINT**  
DESC: SET R+C  
STA: 22+27.66  
OFFSET: 13.22  
N: 10564.71  
E: 12529.25  
ELEV: 14.52  
STA: 22+95.22  
PC

STA: 23+21.04  
PT

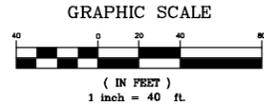
STA: 23+57.89  
PC

STA: 23+75.34  
PT

STA: 29+04.08  
PC

STA: 29+71.34  
PT

**90% DESIGN  
FOR REVIEW ONLY  
AUGUST 2006**

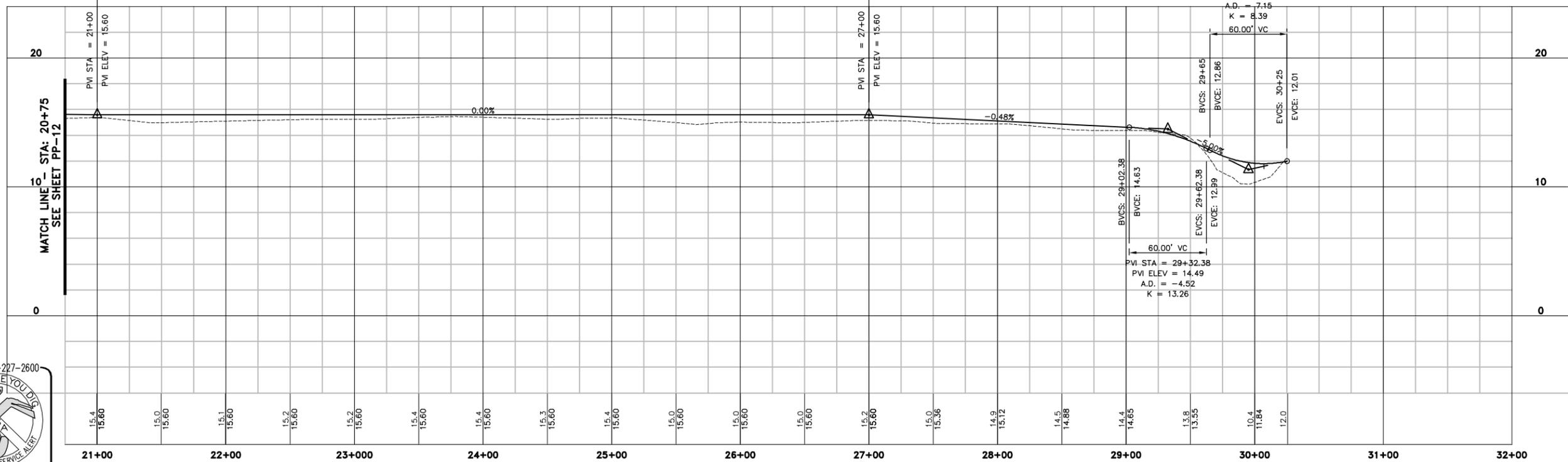


**CONSTRUCTION NOTES**

- 1 CONSTRUCT AC PAVEMENT PATHWAY PER TYPICAL SECTION

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	TANGENT	DESCRIPTION
C7	8.73	200.00	2°30'00"	4.36	
C8	26.18	200.00	7°30'00"	13.11	
C9	17.45	200.00	5°00'00"	8.73	
C10	30.54	25.00	70°00'00"	17.51	

LOW POINT ELEV = 11.81  
LOW POINT STA = 30+06.95  
PVI STA = 29+95  
PVI ELEV = 11.36



Rev.	Description	Date

**Kimley-Horn and Associates, Inc.**

555 12th Street, Suite 1230  
Oakland, California 94607

Tel. No. (510) 625-0712 © 2006  
Fax No. (510) 625-0714



Scale: 1" = 40'

Designed By: DTB

Drawn By: AML

Checked By: -

Consultant's Job No.:

**DEPARTMENT OF PUBLIC WORKS  
CITY OF SUNNYVALE**

**TASMAN-FAIR OAKS PEDESTRIAN AND BICYCLE  
CIRCULATION PLAN IMPROVEMENTS  
SUNNYVALE EAST CHANNEL MULTI-PURPOSE PATHWAY CONSTRUCTION  
PLAN AND PROFILE - STA: 20+75 TO STA: 30+29.81**



City of Sunnyvale  
Santa Clara County  
California

Department of Public Works  
456 West Olive Avenue  
P.O. Box 3707  
Sunnyvale 94088-3707

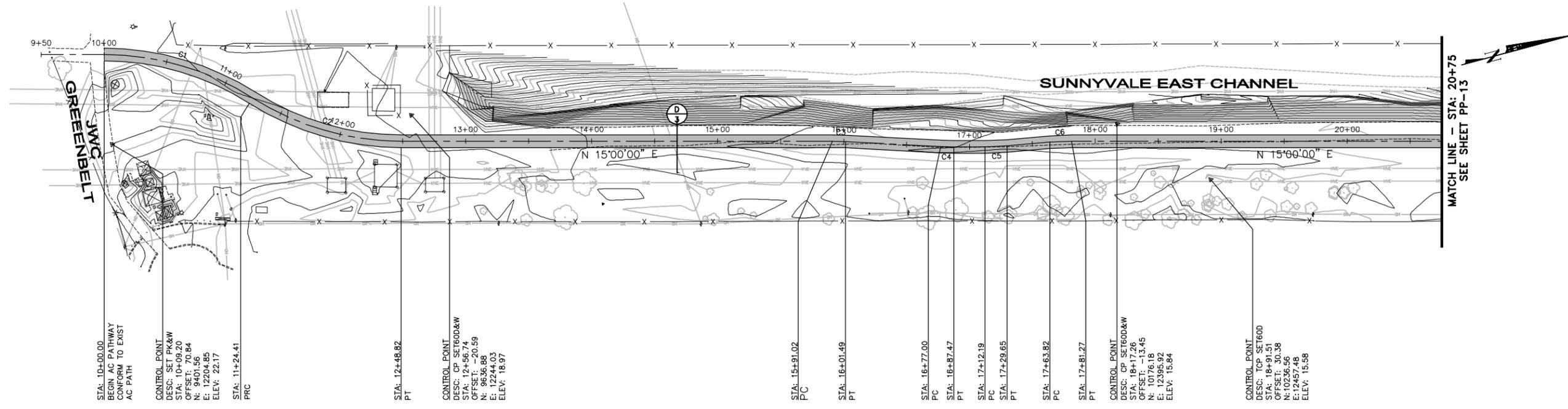
SEPTEMBER 2006

City of Sunnyvale  
Project No.

Drawing No.  
PP-13

Sheet 9 of 11

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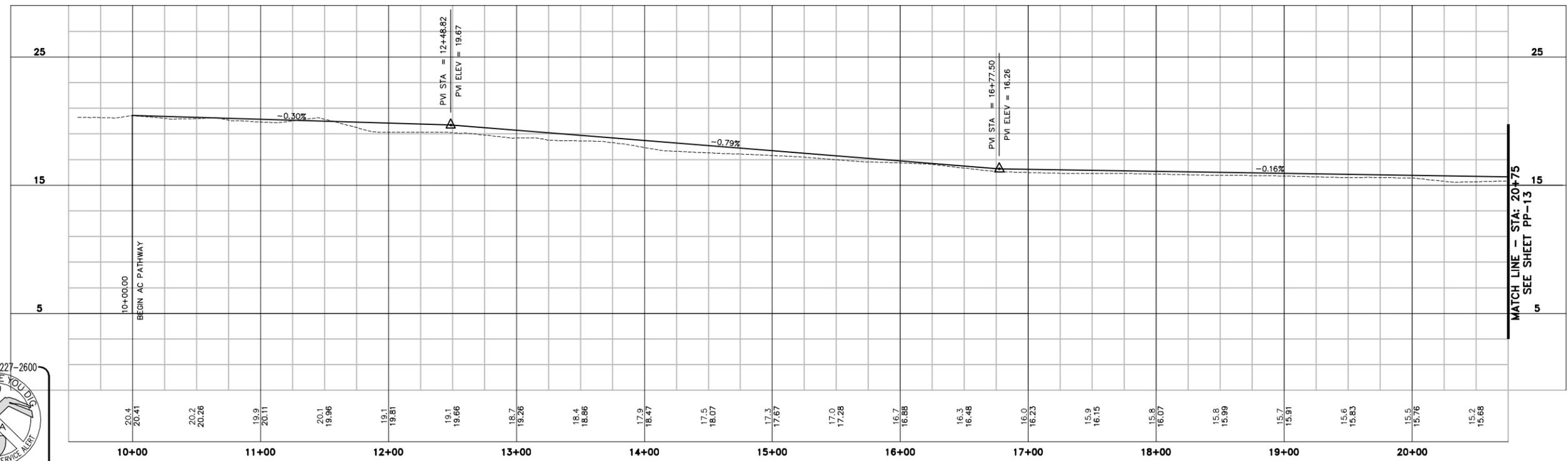
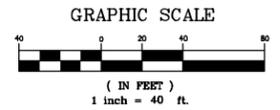


**CONSTRUCTION NOTES**

- 1 CONSTRUCT AC PAVEMENT PATHWAY PER TYPICAL SECTION

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	TANGENT	DESCRIPTION
C1	124.41	220.00	32°24'04"	63.92	
C2	124.41	220.00	32°24'04"	63.92	
C3	10.47	200.00	3°00'00"	5.24	
C4	10.47	200.00	3°00'00"	5.24	
C5	17.45	200.00	5°00'00"	8.73	
C6	17.45	200.00	5°00'00"	8.73	

**90% DESIGN  
FOR REVIEW ONLY  
AUGUST 2006**



**CENTER LINE PROFILE**  
H: 1"=40' V: 1"=4'



Rev.	Description	Date

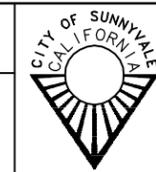
**Kimley-Horn and Associates, Inc.**  
 555 12th Street, Suite 1230  
 Oakland, California 94607  
 Tel. No. (510) 625-0712 © 2006  
 Fax No. (510) 625-0714



Scale	1" = 40'
Designed By:	DTB
Drawn By:	AML
Checked By:	-
Consultant's Job No.	

**DEPARTMENT OF PUBLIC WORKS  
CITY OF SUNNYVALE**

**TASMAN-FAIR OAKS PEDESTRIAN AND BICYCLE  
CIRCULATION PLAN IMPROVEMENTS  
SUNNYVALE EAST CHANNEL MULTI-PURPOSE PATHWAY CONSTRUCTION  
PLAN AND PROFILE - STA: 10+00 TO STA: 20+75**



City of Sunnyvale Santa Clara County California	City of Sunnyvale Project No.
Department of Public Works 456 West Olive Avenue P.O. Box 3707 Sunnyvale 94088-3707	Drawing No. PP-12
SEPTEMBER 2006	Sheet 8 of 11

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