

Finalization of Study and Budget Issues

The study and budget issues were discussed during the August 19th BPAC meeting. This agenda item is for the finalization of the study and budget issues prior to their submittal to the City Manager's Office by October 1, 2010. The City Manager's approved study issues will be ranked by BPAC either during the October or November meeting prior to their system log by December 1, 2010 for Council consideration. The City Council, after receiving input on issues of importance from a number of sources including commissions, committees, staff, and the general public, holds a Study/Budget Issues Workshop. This workshop is a ranking exercise of all of the issues submitted for consideration. From this exercise, staff gains an understanding of the Council's priority issues for the following fiscal year, and future years to come. Staff then develops a realistic work plan for addressing the identified issues. Budget issues, essentially expenditure requests, are either considered for inclusion in the budget or dropped.

For reference purposes, please find enclosed the following items:

A copy of study issues discussed during the August 19th BPAC meeting and requested for finalization.

- DPW 09-01: Comprehensive School Traffic Study.
- DPW09-02: Update/Review Corner Vision Triangle Municipal Code Ordinance.
- DPW 09-04 Impacts of Traffic Calming Devices on Cyclists.
- DPW 09-07: Sunnyvale Cyclovia Event.
- A new bridge over-crossing US 101 east of Lawrence Expressway.
- A new development fee for funding pedestrian and bicycle projects.
- Placement of "Bicycles Allowed Use of Full Lane – Vehicles Change Lanes to Pass" signs on some road segments of Fair Oaks Avenue, Maude Avenue, Wolfe Road, Duane Avenue, and Mary Avenue.
- Adopt a policy that restricts bicycle lane closure in construction zones as long as at least one vehicular travel lane per direction can be retained.
- Closing Murphy Avenue to automobile traffic at all times, during certain hours of the day, or on weekends.
- Adopt a policy to utilize the VTA Bicycle Technical Guidelines for bike lane width, bike parking, and other design elements.
- Evaluate benefits of Smart Parking Meters installation.

A copy of budget issues discussed during the August 19th BPAC meeting and requested for finalization.

- Enforcement Campaign of Bicycle and Pedestrian Related Traffic Violations.
- Establish a Budget for Bike to Work Day.
- Offer Bicycle Safety Classes to City Employees and the General Public.
- Budget \$40k to fund implementation of the first phase of the Guided Neighborhood Bike Routes Project.

2011 Council Study Issue

**DPW 09-01 Comprehensive School Traffic Study (Combined SI's
School TDM Opportunities & School Zone Traffic Controls and
Enforcement)**

DRAFT

Lead Department Public Works

History 1 year ago Above the line 2 years ago Below the line

1. What are the key elements of the issue? What precipitated it?

This issue would comprehensively investigate and evaluate school traffic in Sunnyvale from both an operational and programmatic perspective. Three primary areas will be assessed: Transportation Demand Management (TDM), traffic controls, and traffic enforcement. Travel patterns and vehicle and pedestrian conditions at schools, including mode choice, alternative transportation resources, pedestrian patterns, location of pedestrian facilities (especially crosswalks), driving behaviors (especially speeding, right of way compliance and illegal turns), and speed controls will be assessed. For TDM, the study would look at appropriate levels of resources for the City to invest in encouraging effective TDM for schools within the City. The study would look at interfaces between school district and City operations, and opportunities for the City to invoke regulations or encourage TDM to school commuters. The outcome of the TDM evaluation would be recommendations for policy, actions, and resources for a transportation demand management program targeted at City schools. For traffic controls and enforcement, the study would identify whether a set of actions exists beyond current traffic controls and enforcement resources to improve school zone traffic flow and enhance pedestrian safety. This study would include a review of the applicability of CVC 22358.4 provisions regarding lowering of speed limits in school areas. The purpose of the study is to consider concerns that school area loading and unloading is chaotic in many areas and that a high proportion of parents drive their children to school. TDM, additional controls and/or enforcement may improve efficiency and safety.

As per Council action at the January 29, 2010 Study Issues Workshop, this study is the result of merging DPW 09-01, School Transportation Demand Management Opportunities, and DPW 10-08 School Zone Traffic Controls and Enforcement.

2. How does this relate to the General Plan or existing City Policy?

Land Use and Transportation Element Goal C3, Attain a transportation system that is effective, safe, pleasant and convenient.

3. Origin of issue

Council Member(s) Hamilton, Howe

Board or Commission Bicycle and Pedestrian Advisory Committee

4. Staff effort required to conduct study Major

5. Multiple Year Project? Yes Planned Completion Year 2012

6. Expected participation involved in the study issue process?

Does Council need to approve a work plan? No

Does this issue require review by a Board/Commission? Yes

If so, which? Bicycle and Pedestrian Advisory Committee

Is a Council Study Session anticipated? No

7. Briefly explain cost of study, including consultant hours, impacted budget program, required budget modifications, etc. and amounts if known.

A total of 28 schools, approximately 200 consultant's hours per school. Approximately \$500,000 budget modification required. Staff impacts to the Division of Transportation and Traffic and the Traffic Unit of the Department of Public Safety.

8. Briefly explain potential fiscal impact of implementing study results (consider capital and operating costs, as well as potential revenue).

Should a TDM program be adopted, this could involve capital improvements to direct traffic or improve alternative transportation routes to schools. An ongoing program involving elements such as ridematching, walking school buses, or bike safety courses would require resources to manage the program, provide educational and promotional materials, etc. This study could also result in recommendations for new traffic controls at schools Citywide. This could represent a capital investment of considerable scope. The study could also result in recommendations for additional traffic enforcement or crossing guard resources, which can have a significant operating cost.

9. Staff Recommendation

Staff Recommendation None

If 'For Study' or 'Against Study', explain

There are currently no funds available for conducting this study issue, which would include hiring of engineering, TDM and/or public outreach consultants to assist with the work.

Reviewed by

Approved by

Department Director

Date

City Manager

Date

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Addendum

A. Board / Commission Recommendations

Issue Created Too Late for B/C Ranking

Board or Commission	Rank	Rank 1 year ago	Rank 2 years ago
Arts Commission			
Bicycle and Pedestrian Advisory Committee		2	6
Board of Building Code Appeals			
Board of Library Trustees			
Child Care Advisory Board			
Heritage Preservation Commission			
Housing and Human Services Commission			
Parks and Recreation Commission			
Personnel Board			
Planning Commission			

Board or Commission ranking comments

B. Council

Council Rank (no rank)
Start Date m/d/yyyy
Work Plan Review Date m/d/yyyy
Study Session Date m/d/yyyy
RTC Date (Planned Complete Date) m/d/yyyy
Staff Contact

Results Reporting

Actual Complete Date m/d/yyyy (if: not completed, n.a., or ongoing, then leave blank)
Actual Results*

Status

Director's Report

Creator Managers HEIguendy

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Role	Manager	Hours	
		Mgr CY1	Mgr CY2

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 40	Mgr CY2: 60
			Staff CY1: 75	Staff CY2: 125
<input type="button" value="Edit"/>	Interdep	Carrion, Christopher	Mgr CY1: 20	Mgr CY2: 20
			Staff CY1: 0	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Fitzgerald, Kelly	Mgr CY1: 20	Mgr CY2: 40
			Staff CY1: 20	Staff CY2: 40
<input type="button" value="Edit"/>	Interdep	Moretto, Douglas	Mgr CY1: 20	Mgr CY2: 20
			Staff CY1: 0	Staff CY2: 0

Total Hours CY1: 195

Total Hours CY2: 305

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2011 Council Study Issue

DPW 09-02 Update/Review Corner Vision Triangle Municipal Code Ordinance

DRAFT

Lead Department Public Works

History 1 year ago Below the line 2 years ago Deferred

1. What are the key elements of the issue? What precipitated it?

At an intersection, the corner vision triangle is formed by measuring 40 feet from the property line of each of the intersecting streets. The driveway vision triangle is created by measuring 10 feet along the outer edge of a driveway and 10 feet along the back edge of a public sidewalk. Fences, hedges or any other obstructions more than 3 feet in height are prohibited in the vision triangles.

The Bicycle and Pedestrian Advisory Commission would like to review the relevance and adequacy of the corner vision triangle in the Sunnyvale Municipal Code (SMC). The Commission believes that visibility at street intersections and driveways is extremely important for the safety of pedestrians and bicyclists, and that the current ordinance may not adequately ensure that adequate visibility is provided. For example, the current vision triangle ordinance does not take into consideration street curvature, intersection angle and type of control, and consistency with the Highway Design Manual. This issue was initiated because of a vision problem at the driveway that was constructed on Mathilda Avenue for the Cherry Orchard retail center.

Sunnyvale's policy does not presently allow for a sliding scale or reduction in the required vision triangles. Some cities, but not Sunnyvale, allow sight triangle encroachments based on the fence design. An open decorative type fence design would allow for the greatest visibility, and two prime examples of this style are wrought iron and open-type wood fences. In 2008, City Council decided to broaden the BPAC initiated study issue to examine the benefits of modifying the SMC by taking into account the openness or transparency of the fence in conjunction with the height of the fence.

2. How does this relate to the General Plan or existing City Policy?

C3 – Attain a transportation system that is effective, safe, pleasant, and convenient.

3. Origin of issue

Board or Commission Bicycle and Pedestrian Advisory Committee

4. Staff effort required to conduct study Major

5. Multiple Year Project? No **Planned Completion Year** 2011

6. Expected participation involved in the study issue process?

Does Council need to approve a work plan? No

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Does this issue require review by a Board/Commission? Yes

If so, which? Bicycle and Pedestrian Advisory Committee, Planning Commission

T T A A O

Is a Council Study Session anticipated? No

7. Briefly explain cost of study, including consultant hours, impacted budget program, required budget modifications, etc. and amounts if known.

8. Briefly explain potential fiscal impact of implementing study results (consider capital and operating costs, as well as potential revenue).

There would be no fiscal impact related to the recommendations of the Study.

9. Staff Recommendation

Staff Recommendation None

If 'For Study' or 'Against Study', explain

Reviewed by

Approved by

Department Director

Date

City Manager

Date

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Addendum

A. Board / Commission Recommendations

Issue Created Too Late for B/C Ranking

Board or Commission	Rank	Rank 1 year ago	Rank 2 years ago
Arts Commission			
Bicycle and Pedestrian Advisory Committee		5	Defer
Board of Building Code Appeals			
Board of Library Trustees			
Child Care Advisory Board			
Heritage Preservation Commission			
Housing and Human Services Commission			
Parks and Recreation Commission			
Personnel Board			
Planning Commission			
Board or Commission ranking comments			

B. Council

Council Rank (no rank)

Start Date m/d/yyyy

Work Plan Review Date m/d/yyyy

Study Session Date m/d/yyyy

RTC Date (Planned Complete Date) m/d/yyyy

Staff Contact

Results Reporting

Actual Complete Date m/d/yyyy (if: not completed, n.a., or ongoing, then leave blank)

Actual Results*

Status

Director's Report

Creator Managers HEIguendy

25

Role	Manager	Hours	
		Mgr CY1 Staff CY1	Mgr CY2 Staff CY2

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 50 Staff CY1: 100	Mgr CY2: 0 Staff CY2: 0
<input type="button" value="Edit"/>	Support	Kahn, David	Mgr CY1: 10 Staff CY1: 20	Mgr CY2: 0 Staff CY2: 0
<input type="button" value="Edit"/>	Support	Ryan, Trudi	Mgr CY1: 30 Staff CY1: 60	Mgr CY2: 0 Staff CY2: 0

Total Hours CY1: 270

Total Hours CY2: 0

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2011 Council Study Issue

DPW 09-04 Impacts of Traffic Calming Devices on Cyclists**DRAFT**

Lead Department Public Works

History 1 year ago Below the line 2 years ago Below the line

1. What are the key elements of the issue? What precipitated it?

Bulbouts that were constructed at the intersection of Mary Avenue/Blair Avenue raised this concern. The study issue is to review impacts of the different traffic calming devices on cyclists, as well as recommend design and operational alterations to establish traffic calming devices that are more bicyclist friendly. This study issue may also result in alterations and/or additions to the City's Neighborhood Traffic Calming Handbook.

2. How does this relate to the General Plan or existing City Policy?

C3 - Attain a transportation system that is effective, safe, pleasant and convenient.

3. Origin of issue

Board or Commission Bicycle and Pedestrian Advisory Committee

4. Staff effort required to conduct study Major**5. Multiple Year Project? No Planned Completion Year 2011****6. Expected participation involved in the study issue process?**

Does Council need to approve a work plan? No

Does this issue require review by a Board/Commission? Yes

If so, which? Bicycle and Pedestrian Advisory Committee

Is a Council Study Session anticipated? No

7. Briefly explain cost of study, including consultant hours, impacted budget program, required budget modifications, etc. and amounts if known.

Impacted program: Division of Transportation and Traffic.

8. Briefly explain potential fiscal impact of implementing study results (consider capital and operating costs, as well as potential revenue).

This study issue could result in changes to the City's Traffic Calming Handbook which involves development and production costs.

9. Staff Recommendation

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Staff Recommendation None

If 'For Study' or 'Against Study', explain

DRAFT

Reviewed by

Approved by

Department Director

Date

City Manager

Date

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Addendum

A. Board / Commission Recommendations

Issue Created Too Late for B/C Ranking

Board or Commission	Rank	Rank 1 year ago	Rank 2 years ago
Arts Commission			
Bicycle and Pedestrian Advisory Committee		4	Defer
Board of Building Code Appeals			
Board of Library Trustees			
Child Care Advisory Board			
Heritage Preservation Commission			
Housing and Human Services Commission			
Parks and Recreation Commission			
Personnel Board			
Planning Commission			
Board or Commission ranking comments			

B. Council

Council Rank (no rank)
 Start Date m/d/yyyy
 Work Plan Review Date m/d/yyyy
 Study Session Date m/d/yyyy
 RTC Date (Planned Complete Date) m/d/yyyy
 Staff Contact

Results Reporting

Actual Complete Date m/d/yyyy (if: not completed, n.a., or ongoing, then leave blank)
 Actual Results*

Status

Director's Report

Creator Managers HEIguendy

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Role	Manager	Hours	
		Mgr CY1	Mgr CY2
		Staff CY1	Staff CY2
<input type="button" value="Add Manager"/>			
<input type="button" value="Edit"/>	Lead Witthaus, Jack	Mgr CY1: 60 Staff CY1: 160	Mgr CY2: 0 Staff CY2: 0
Total Hours CY1: 220		Total Hours CY2: 0	

2011 Council Study Issue

DPW 09-07 Sunnyvale Cyclovia Event

DRAFT

Lead Department Public Works

History 1 year ago Deferred 2 years ago Deferred

1. What are the key elements of the issue? What precipitated it?

This study would examine the logistics and costs of holding a "cyclovia" event which would close partial or full width of certain City streets to motor vehicle traffic for a weekend day and allow cyclists and pedestrians to use the streets. "Stations" for promoting healthy lifestyles, the arts, or other activities would be available for community participation.

2. How does this relate to the General Plan or existing City Policy?

C3.5 Support a variety of transportation modes.

3. Origin of issue

Council Member(s) Hamilton

4. Staff effort required to conduct study Major

5. Multiple Year Project? No **Planned Completion Year** 2011

6. Expected participation involved in the study issue process?

Does Council need to approve a work plan? No

Does this issue require review by a Board/Commission? Yes

If so, which? Arts Commission, Bicycle and Pedestrian Advisory Committee, Parks and Recreation Commission

Is a Council Study Session anticipated? No

7. Briefly explain cost of study, including consultant hours, impacted budget program, required budget modifications, etc. and amounts if known.

8. Briefly explain potential fiscal impact of implementing study results (consider capital and operating costs, as well as potential revenue).

An event would potentially require significant staff support from the Departments of Public Works, Public Safety, Parks and Recreation, and the Office of the City Manager. Promotional materials may also be necessary to develop and distribute.

9. Staff Recommendation

Staff Recommendation Defer

17 APR 11

If 'For Study' or 'Against Study', explain

There are presently no resources, including staff and funds, that could support this initiative.

Reviewed by

Approved by

Department Director

Date

City Manager

Date

Addendum

A. Board / Commission Recommendations

Issue Created Too Late for B/C Ranking

Board or Commission	Rank	Rank 1 year ago	Rank 2 years ago
Arts Commission			
Bicycle and Pedestrian Advisory Committee		6	5
Board of Building Code Appeals			
Board of Library Trustees			
Child Care Advisory Board			
Heritage Preservation Commission			
Housing and Human Services Commission			
Parks and Recreation Commission			
Personnel Board			
Planning Commission			

Board or Commission ranking comments

B. Council

Council Rank (no rank)

Start Date  m/d/yyyy

Work Plan Review Date  m/d/yyyy

Study Session Date  m/d/yyyy

**RTC Date
(Planned Complete Date)**  m/d/yyyy

Staff Contact

Results Reporting

Actual Complete Date  m/d/yyyy (if: not completed, n.a., or ongoing, then leave blank)

Actual Results*

Status

Director's Report

Creator Managers PAdmin

33

Role	Manager	Hours	
		Mgr CY1	Mgr CY2

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 40	Mgr CY2: 0
			Staff CY1: 100	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Merrill, Cathy	Mgr CY1: 10	Mgr CY2: 0
			Staff CY1: 50	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Pang, Dayton	Mgr CY1: 10	Mgr CY2: 0
			Staff CY1: 50	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Pilger, John	Mgr CY1: 20	Mgr CY2: 0
			Staff CY1: 40	Staff CY2: 0

Total Hours CY1: 320

Total Hours CY2: 0

2011 Council Study Issue

**DPW 10-01 A New Bicycle/Pedestrian Bridge Over-crossing US 101
east of Lawrence Expressway**

Lead Department Public Works

History 1 year ago None 2 years ago None

DRAFT

1. What are the key elements of the issue? What precipitated it?

This study issue would investigate the need for, and feasibility of establishing an additional bicycle/pedestrian bridge over-crossing US 101 to the east of Lawrence Expressway. As part of BPAC review of the signed neighborhood bike routes, a need for an additional bike/pedestrian connection overcrossing US 101 was noted by BPAC in order to connect the north and south neighborhoods and avoid having to travel to the overpass east of Fair Oaks Avenue.

2. How does this relate to the General Plan or existing City Policy?

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

3. Origin of issue

Board or Commission Bicycle and Pedestrian Advisory Committee

4. Staff effort required to conduct study Major

5. Multiple Year Project? No Planned Completion Year 2011

6. Expected participation involved in the study issue process?

Does Council need to approve a work plan? No

Does this issue require review by a Board/Commission? Yes

If so, which? Bicycle and Pedestrian Advisory Committee

Is a Council Study Session anticipated? No

7. Briefly explain cost of study, including consultant hours, impacted budget program, required budget modifications, etc. and amounts if known.

A feasibility study would need to be carried out by a consultant to assess the need for, as well as the possibility of implementing this new bridge. Estimate of \$20,000 budget modification for conducting the feasibility study.

8. Briefly explain potential fiscal impact of implementing study results (consider capital and operating costs, as well as potential revenue).

35

The feasibility study could result in a determination of "Feasible". Should a new bridge be constructed, this would require multi-million dollar capital investment and an ongoing operating costs estimated at about \$5000 per year.

9. Staff Recommendation

Staff Recommendation Against Study

77 APR 8

If 'For Study' or 'Against Study', explain

Based on area conditions, it seems that there are physical constraints that would prevent establishment of the overpass.

Reviewed by

Approved by

Department Director

Date

City Manager

Date

Addendum

A. Board / Commission Recommendations

Issue Created Too Late for B/C Ranking

Board or Commission	Rank	Rank 1 year ago	Rank 2 years ago
Arts Commission			
Bicycle and Pedestrian Advisory Committee			
Board of Building Code Appeals			
Board of Library Trustees			
Child Care Advisory Board			
Heritage Preservation Commission			
Housing and Human Services Commission			
Parks and Recreation Commission			
Personnel Board			
Planning Commission			
Board or Commission ranking comments			

B. Council

Council Rank (no rank)

Start Date m/d/yyyy

Work Plan Review Date m/d/yyyy

Study Session Date m/d/yyyy

**RTC Date
(Planned Complete Date)** m/d/yyyy

Staff Contact

Results Reporting

Actual Complete Date m/d/yyyy (if: not completed, n.a., or ongoing, then leave blank)

Actual Results*

Status

Director's Report

Creator Managers HEIguendy

37

Role	Manager	Hours	
		Mgr CY1	Mgr CY2
		Staff CY1	Staff CY2

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 20	Mgr CY2: 0
			Staff CY1: 40	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Rogge, Mark	Mgr CY1: 10	Mgr CY2: 0
			Staff CY1: 10	Staff CY2: 0

Total Hours CY1: 80

Total Hours CY2: 0