

2011 Council Study Issue

**DPW 10-02 Nexus Study for a new Development Fee for Funding
Pedestrian and Bicycle Projects**

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 assess the possibility of establishing a new development fee to be applied to land development scale projects that would be solely dedicated to the design and construction of bicycle and pedestrian projects throughout the City. If feasible, the study would determine the fee in light of the type and size of individual developments.

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? 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, Planning Commission

Is a Council Study Session anticipated? Yes

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

Prior to the establishment of such an additional development fee, a feasibility study must be carried out. A consultant with relevant expertise would be needed to perform the study, who may also assist in a comprehensive public consultation process, and transportation modeling. Estimate a budget modification of \$200,000 is necessary for consultant time.

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

39

If established, the fee would increase the City's ability to implement a large number of local and regional bicycle and pedestrian related projects within the Sunnyvale boundaries.

9. Staff Recommendation

Staff Recommendation None

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

When there is nexus, the City currently collects impact fees of developments for the implementation of an identified list of transportation improvements. If found feasible, the new fee would broaden its application to developments and expand the scope to all relevant bicycle and pedestrian projects citywide.

Reviewed by

Approved by

Department Director

Date

City Manager

Date

40

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

Role	Manager	Hours	
		Mgr CY1	Mgr CY2
		Staff CY1	Staff CY2

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 60	Mgr CY2: 0	Staff CY1: 120	Staff CY2: 0
<input type="button" value="Edit"/>	Support	Ryan, Trudi	Mgr CY1: 40	Mgr CY2: 0	Staff CY1: 80	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Corbett, Drew	Mgr CY1: 20	Mgr CY2: 0	Staff CY1: 20	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Kahn, David	Mgr CY1: 30	Mgr CY2: 0	Staff CY1: 30	Staff CY2: 0

Total Hours CY1: 400

Total Hours CY2: 0

42

2011 Council Study Issue

DPW 10-03 Placement of "Bicycle Allowed Use of Full Lane - Vehicles Change Lanes to Pass" signs.

DRAFT

Lead Department Public Works

History 1 year ago None 2 years ago None

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

There is a general concern among cyclists of riding along bike routes with limited travel lane widths. Placement of the "Bicycle Allowed Use of Full Lane - Vehicles Change Lanes to Pass" signs were requested by BPAC along the following road segments:

- Fair Oaks, both sides between Wolfe and US 101
- Maude, both sides between Mathilda and Pastoria
- Wolfe, added to where the sharrows are currently
- Duane, both sides between Fair Oaks and Lawrence
- Mary, both sides between Evelyn and Maude

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 Minor

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.

The subject signs are considered optional according to the updated Federal Manual on Uniform Traffic Control Devices (MUTCD), and optional devices are not presently pursued due to City budget constraints. In addition, the updated MUTCD has not yet been adopted by Caltrans, and the City's zoning ordinance requires following the CA MUTCD. Placing signs is an operational issue that would have a minor impact on the

43

Division of Transportation and Traffic and the Division of Field Services.

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

The study could cause a minor increase in the City's capital and operational costs associated with the initial installation of the signs, as well as their regular maintenance.

9. Staff Recommendation

Staff Recommendation Against Study

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

This is an operational issue and no study is necessary. The City Code calls for compliance with California highway design standards. These standards do not currently allow the subject signs. At such time, staff can cnoptider sign installation within budgetary constraints.

Reviewed by

Approved by

Department Director Date

City Manager Date

44

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

45

Role	Manager	Hours	
		Mgr CY1	Mgr CY2
		Staff CY1	Staff CY2

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 4	Mgr CY2: 0
			Staff CY1: 10	Staff CY2: 0
<input type="button" value="Edit"/>	Support	Pineda, Tony	Mgr CY1: 4	Mgr CY2: 0
			Staff CY1: 20	Staff CY2: 0

Total Hours CY1: 38

Total Hours CY2: 0

46

2011 Council Study Issue

DPW 10-04 Adopt a Policy to Restrict Bicycle Lane Closure in Construction Zones

DRAFT

Lead Department Public Works

History 1 year ago None 2 years ago None

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

It was reported that other cities, such as San Francisco, have a policy that restricts bike lane closure in construction zones as long as at least one vehicular travel lane per direction can be retained. BPAC has requested that Sunnyvale develop a similar policy in order to safely accommodate cyclists in construction zones.

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

Land use and Transportation Element 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 Minor

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.

City staff currently follows the state Manual on Uniform Travel Control Devices and associated placement of temporary devices in construction zones which could potentially include vehicular and/or bicycle lane closure. The City has also prepared and adopted a standard operating procedure for bike lanes in construction zones that provides for improved warning signs and cone patterns. This study issue would require a review to assess the effects of increased travel lane closures to create bicycle exclusive space on safety conditions and congestion. this study would affect the Divisions of Transportation and Traffic, Field services, and Project Administration.

47

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

Limited fiscal impacts in terms of changes to traffic control plans associated with development, utility and road construction projects. The fiscal impact would be mainly generated by potential traffic congestion and delays.

9. Staff Recommendation

Staff Recommendation Against Study

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

This is an operational issue that has previously been addressed. The City's standard procedure already exceeds the state minimum required procedures.

Reviewed by

Approved by

Department Director

Date

City Manager

Date

48

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

49

Role	Manager	Hours	
		Mgr CY1 Staff CY1	Mgr CY2 Staff CY2

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 5 Staff CY1: 25	Mgr CY2: 0 Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Craig, Jim	Mgr CY1: 5 Staff CY1: 10	Mgr CY2: 0 Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Rogge, Mark	Mgr CY1: 5 Staff CY1: 10	Mgr CY2: 0 Staff CY2: 0

Total Hours CY1: 60

Total Hours CY2: 0

50

2011 Council Study Issue

DPW 10-05 Closing Murphy Avenue to Automobile Traffic

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?

The study would examine the logistics and costs of closing Murphy Avenue to vehicular traffic during certain hours of weekdays and/or on weekends. This would require a comprehensive public consultation process including the Sunnyvale Chamber of Commerce and the merchants along Murphy 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

Council Member(s) Griffith and Moylan

4. Staff effort required to conduct study Minor

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? No

If so, which? none

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 review of traffic circulation patterns within the area, and the effect of street closure of one of the network links would need to be investigated. This would have a minor impact on the Division of Transportation and Traffic, and emergency responders 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).

Infrastructure is in place to allow closure.

9. Staff Recommendation

51

Staff Recommendation None

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

DRAFT

Reviewed by

Approved by

Department Director

Date

City Manager

Date

52

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

53

Role	Manager	Hours	
		Mgr CY1	Mgr CY2

Staff CY1	Staff CY2
-----------	-----------

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 10	Mgr CY2: 0
			Staff CY1: 25	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Moretto, Douglas	Mgr CY1: 5	Mgr CY2: 0
			Staff CY1: 5	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Verceles, Connie	Mgr CY1: 5	Mgr CY2: 0
			Staff CY1: 10	Staff CY2: 0

Total Hours CY1: 60

Total Hours CY2: 0

2011 Council Study Issue

DPW 10-06 Adopt a Policy to Utilize the VTA Bicycle Technical Guidelines

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?**

The BPAC members would like to ensure implementing a higher standard for bicycle facilities rather than often proceeding with the minimum standard. The VTA Bicycle Technical Guidelines, for example, provides for six-foot wide bike lane which is wider than the state minimum standard of five feet. The BPAC members also would like to ensure deploying the VTA Guidelines when determining the number and design of bicycle parking at development sites.

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

Land use and Transportation Element C3.5 - Maximize the provision of bicycle and pedestrian facilities.

3. Origin of issue

Board or Commission Bicycle and Pedestrian Advisory Committee

4. Staff effort required to conduct study Minor**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, Planning 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.

The VTA Bicycle Technical Guidelines contains elements that are not consistent with established federal and state standards, which need to be assessed in details. A review of the Class II bicycle facilities within Sunnyvale (i.e. roads that have bike lanes) would also need to be carried out for potential future requirement of retrofitting.

8. Briefly explain potential fiscal impact of implementing study results

55

(consider capital and operating costs, as well as potential revenue).

Project could result in new bike improvements of an unknown, potentially significant fiscal impact. Requiring wider bicycle lanes could have significant fiscal impacts when it would require roadway widening.

9. Staff Recommendation

Staff Recommendation None

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

There is no current need for conducting this study issue. It is the City's practice to follow the VTA Bicycle Technical Guidelines when reviewing development applications for private sites. With regard to bicycle facilities within the public right-of-way, there is typically conflicting demands for a limited space. Staff typically establish wider bike lanes when the pavement width permits.

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

57

Role	Manager	Hours	
		Mgr CY1	Mgr CY2

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 15	Mgr CY2: 0
			Staff CY1: 40	Staff CY2: 0
<input type="button" value="Edit"/>	Support	Ryan, Trudi	Mgr CY1: 10	Mgr CY2: 0
			Staff CY1: 20	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Kahn, David	Mgr CY1: 20	Mgr CY2: 0
			Staff CY1: 20	Staff CY2: 0

Total Hours CY1: 125

Total Hours CY2: 0

58

2011 Council Study Issue

DPW 10-07 Evaluate Benefits of Smart Parking Meters Installation

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?

The BPAC sponsored this study issue based on the following stated reasons:

- Reduce unnecessary car use;
- Generate revenue; and,
- Implement congestion pricing to achieve more efficient parking utilization while insuring spaces are available where and when needed.

It was noted that the meters can also provide on-line information about vacancies in real-time, so motorists won't drive around looking for an open space. Revenues can be used to directly benefit the areas where they are installed, reducing opposition.

Catchy slogan: "If you think metered parking is expensive, consider how much greater the costs are when it's free!"

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, Planning Commission

Is a Council Study Session anticipated? Yes

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

A consultant with relevant expertise will need to be retained to assess effects of the proposed Smart Parking Meters on the Sunnyvale economy, the City's resources, traffic circulation, vehicle emissions, among many factors. A significant staff support to the consultant is likely to be needed. This study must involve a comprehensive public

59

consultation process including consultation with the Chamber of Commerce, community associations, bicycle and pedestrian activists, and business owners.

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

Outcome of this study issue has the potential of impacting the business community at a time of down economy. It also has the potential of reducing the number of motorists that travel to/from Sunnyvale to shop, attend special events, etc. It may create a revenue stream to offset setup and operational costs. It would require an expansion of parking enforcement operations and establishment of an administrative office

9. Staff Recommendation

Staff Recommendation None

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

Implementation and enforcement of paid parking cannot be handled with the existing resources including staff (of the Departments of Public Works, Public Safety, and Parks and Recreation) and funds.

Reviewed by

Approved by

Department Director Date

City Manager Date

60

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

61

Role	Manager	Hours	
		Mgr CY1	Mgr CY2
		Staff CY1	Staff CY2

<input type="button" value="Edit"/>	Lead	Witthaus, Jack	Mgr CY1: 50	Mgr CY2: 0
			Staff CY1: 100	Staff CY2: 0
<input type="button" value="Edit"/>	Support	Bouziane, James	Mgr CY1: 20	Mgr CY2: 0
			Staff CY1: 20	Staff CY2: 0
<input type="button" value="Edit"/>	Support	Pilger, John	Mgr CY1: 5	Mgr CY2: 0
			Staff CY1: 10	Staff CY2: 0
<input type="button" value="Edit"/>	Support	Ryan, Trudi	Mgr CY1: 30	Mgr CY2: 0
			Staff CY1: 60	Staff CY2: 0
<input type="button" value="Edit"/>	Interdep	Verceles, Connie	Mgr CY1: 30	Mgr CY2: 0
			Staff CY1: 60	Staff CY2: 0

Total Hours CY1: 385

Total Hours CY2: 0

62