

2016 Measure B
 Highway Interchanges Competitive Grant Application (Rev. 08.2021)

APPLICATION GENERAL INSTRUCTIONS

- Please answer all parts of the 2016 Measure B Highway Interchanges application. Answers should be in 10-point font, at minimum.
- If you require more space to answer any questions, you can include additional responses as an attachment to the end of this form, but they should be no more than 5 pages in total. The attachments must identify the corresponding question(s).
- Please label all attachments in order, make clear references in your narratives and attach them to the end of application form.
- Submit one application in PDF format and all applicable attachments for each project to 2016MeasureB@vta.org. See Part 6 for more detail.

PART 1: SPONSOR INFORMATION

Primary Project Sponsor	
Project Co-applicant(s) <i>(if applicable)</i>	

Contact person from Primary Project Sponsor Agency regarding this application:

Name	
Title	
Department	
Email	
Phone	

IMPORTANT: The application must be signed by the Primary Project Sponsor’s Public Works Director, Agency Manager, or equivalent senior-level staff or their designee. Electronic signatures are acceptable.

<i>Signature</i>	<i>Name</i>	<i>Title</i>	<i>Date</i>



PART 2: PROJECT INFORMATION

Project Name	
Project Webpage <i>(if any)</i>	
Project Centroid: Latitude & Longitude	
Describe Project Location/Limits <i>(A project map is required. Include streets, cross streets, and project area boundaries/limits, as appropriate.)</i>	
Project Description <i>(Briefly describe the project scope: improvements and current status</i> <i>Up to 800 characters)</i>	

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Total Project Cost Estimate <i>in Year of Expenditure (YOE)</i> <i>dollars</i>	
2016 Measure B Funds Requested for Each Phase <i>(Check all that apply)</i>	<input type="checkbox"/> Planning/Project Initiation Document (PID): \$ _____ <input type="checkbox"/> Preliminary Engineering: \$ _____ <input type="checkbox"/> PA&ED/Environmental Clearance: \$ _____ <input type="checkbox"/> Design: \$ _____ <input type="checkbox"/> Right-of-Way: \$ _____ <input type="checkbox"/> Construction: \$ _____ Total Request: \$ _____
Non-2016 Measure B Contribution % <i>(minimum 10% of Total Project Cost)</i>	
Project Schedule <i>(List expected start and end dates of key milestones by phase)</i>	
Application Date	



PART 3: PROJECT DESCRIPTION

3.1 Congestion Management (Max. 35 Points)

1. Will the project remove any bottlenecks?

Yes No

(a) If yes, where and how does the project remove the bottleneck?

(b) Will the removal of the bottleneck cause any adverse effects? For example, the removal causes moderate increase in travel delay/queue extension on adjacent highway interchanges.

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2. How will the project change travel time/speed/delay/person-throughput during peak period?

(a) Identify AM peak hour (1-hour) : _____

AM Peak	Horizon Year	Corridor Travel Time	Speed	Total Delay	Person-throughput
Existing					
Future Built-out					
Change					

(b) Identify PM peak hour (1-hour): _____

PM Peak	Horizon Year	Corridor Travel Time	Speed	Total Delay	Person-throughput
Existing					
Future Built-out					
Change					

(c) Describe the methodology of measuring travel time/speed/delay/person-throughput changes in your analysis and provide any additional clarifications in part (a) and part (b).

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3. Where is the nearest High Occupancy Vehicle (HOV) facility to any point of the project?

Select only one below:

- The project has an existing HOV facility.
- The project will build an HOV facility.
- The project is within 2 miles of a HOV facility.
- The project is within 2+ miles of a HOV facility.

Please identify the location of the nearest HOV facility:

4. Will the project improve local street system performance?

- Yes No

If YES, please describe the project benefits to local street system performance.

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5. Will the project improve regional mobility and network performance?

Yes No

If YES, please describe the project connections and benefits to regional mobility and network performance.

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3.2 Safety (Max. 25 points)

1. Please list any crash history for the most recent five years within project limits.
You may also include a map that displays crashes within the project proximity.

Type of Collision	Total Fatal	Total Injury	Total Number	Timeframe	Data Source(s)
Pedestrian Collisions					
Bicycle Collisions					
Vehicle collisions					

2. Does the project address weave/merge conflicts?

Yes No

If YES, please describe the project context, existing conditions, relevant improvements and anticipated outcomes.

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3. Does the project address mainline queuing?

Yes No

If YES, please describe the project context, existing conditions, relevant improvements and anticipated outcomes.

4. Does the project mitigate collisions?

Yes No

If YES, please describe the project context, existing conditions, crash history in question (1), relevant improvements and anticipated outcomes.

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5. Does the project improve bicycle and/or pedestrian movements?

Yes No

If YES, describe the project context, existing conditions, relevant improvements and anticipated outcomes.

6. Does the project improve truck and/or bus operations?

Yes No

If YES, describe the project context, existing conditions, relevant improvements and anticipated outcomes.

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3.3 Equity (Max. 10 points)

1. Please attach a map identifying the low-income travel markets, vulnerable communities or Equity Priority Communities (EPC) within 1-mile radius from the project area before the project is built. Briefly describe the demographics and quantify those populations. If you identify other vulnerable or underserved populations within the project area, please clarify below and identify them on the map.
 - Vulnerable communities include persons with Limited English Proficiency (LEP), persons with disabilities, minority persons, low-income persons, youth and other underserved persons near the project area.
 - Equity Priority Communities can be found:
<https://mtc.maps.arcgis.com/home/item.html?id=28a03a46fe9c4df0a29746d6f8c633c8>

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2. Does the project increase the exposure of vulnerable communities/EPC to mobile source emissions or environmental risks? For example, increasing exposure to high levels of roadway emissions, or creating barriers to access the transportation system. Environmental risks include air pollution, noise, vibration, stormwater runoff. An online tool to quantify environmental risks can be found here: <https://ejscreen.epa.gov/mapper/>

3. Does the project deny any travel and safety benefits to those vulnerable communities/EPC? For example, creating barriers of access to transit and active transportation modes. Briefly describe:
 - a. How does commute time change for people within those vulnerable communities/EPC by cycling/walking/taking transit?

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- b. Does the project benefit public health within the communities, particularly in areas with health outcome disparities? For example, improving access to nearby parks/open spaces/nearby health care centers.

4. Have you solicited any public input specifically for this project?

Yes No

If YES, please answer the following questions (a) and (b). If NO, skip to question 5 to discuss how you plan on engaging the community:

- (a) List and attach any supporting documentation of community input or outreach activities to solicit input from the public and stakeholders. List key user groups that were involved.

Acceptable project documentations include meeting minutes, sign-in sheets, photos, comments, links to virtual recordings, and survey responses. Letters of support will not be accepted.

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(b) How did you engage the nearby low-income populations, vulnerable communities or Equity Priority Communities?

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5. How do you plan to engage the community, especially the low-income travel markets, vulnerable communities and EPCs identified in part (1)?

Please list the community engagement activities in the table below.

Timeline	Purpose	Communication method	Target groups and stakeholders	Activities	Resources
<i>Example: Spring 2022</i>	<i>Example: Introduce the project and present alternatives</i>	<i>Example: - Email meeting links; - social media - Mail out online meeting links to XX residents</i>	<i>Example: - Nearby residence associations (identify the organization name)</i>	<i>Example: - Virtual workshops and presentations</i>	<i>Example: - 2 staff and 1 consultant, 1 meeting facilitator</i>

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3.4 Geographic Balance (Max. 10 points)

1. Please select only one of the following:

This project identified as:

- the TOP priority local project OR the only project submitted by your jurisdiction.
- the SECOND priority local project.
- the THIRD priority local project.

2. Is the project a multijurisdictional project?

- Yes
- No

Please identify the other partnering jurisdictions in the project and provide letter(s) of support from all partnering jurisdictions.

3. (a) Where is the nearest completed 2016 Measure B-funded highway project or highway project that currently in design or construction phases? This excludes the Highway Noise Abatement Competitive Grant Program projects. *Refer to Appendix A on page 24 of the application form for projects that are completed or being grandfathered and their corresponding centerpoints.*

(b) Please select only one of the following. As measured from project center to center in a straight line, the project is:

- NOT located within 8 miles of any other projects in part (a).
- Located within 6.50 miles of the nearest highway project in part (a).
- Located within 5.25 miles of the nearest highway project in part (a).
- Located within 4.00 miles of the nearest highway project in part (a).
- Located within 2.75 miles of the nearest highway project in part (a).
- Located within 1.50 miles of the nearest highway project in part (a).
- Located within 0.25 miles of the nearest highway project in part (a).



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3.5 Climate Considerations (Max. 10 Points)

1. How does the project reduce greenhouse gas emissions compared to a no-build scenario? You may provide quantitative backup for improvements in green house gas emissions.

2. How does the project reduce vehicle miles travelled (VMT) compared to a no-build scenario? You may provide quantitative backup for improvements in green house gas emissions.

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3. Please describe the Complete Streets/Active Transportation infrastructure improvements proposed by the project. You may provide quantitative backup for the improvements. Complete Streets elements include:

- Pedestrian Infrastructure
- Bicycle accommodations
- Traffic calming measures
- Public transit accommodations
- Green infrastructure & stormwater management (landscaping, greenery, etc.)

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4. Does the project permanently remove without replacing any transit stops?

Yes No Unknown

If yes, please identify the impacted transit stops and transit routes.

5. Does the project permanently reduce bicycle network coverage or permanently remove access to the existing bicycle network?

Yes No Unknown

If yes, please identify the location(s) of impacted bicycle infrastructure.

6. Does the project permanently reduce pedestrian network coverage or permanently remove access to the existing pedestrian network?

Yes No Unknown

If yes, please identify the location(s) of impacted pedestrian infrastructure.

3.6 Non-2016 Measure B Contribution (Max. 10 Points)

1. Fill in the table below:

Phase	Project Cost (\$)	Fund Sources		
		2016 MB fund request (\$)	Other funds (\$)	Other funds - Secured? (Yes or No)
Planning Study/PID				
Preliminary Engineering				
PAED/Environmental Clearance				
Design				
Right of Way (ROW)				
Construction				
Total Project Cost in YOE dollars				
% Project Cost Contribution	100%			

2. Briefly identify the non-2016 Measure B fund sources:

PART 4: PROJECT READINESS

1. At the time of this application, what phase is the project in?

2. What is the project's schedule?

Project Phase	Begin Milestone (Month/Year)	End Milestone (Month/Year)	Milestone Designation (Target or Actual)
Planning/Project Initiation Document			
Preliminary Engineering			
Project Approval & Environmental Document			
Right of Way			
Design			
Construction			
Project Closeout			

3. Based on Table 1 in Part 3.6 (on the previous page), please describe the project's funding plan for each phase that does not have a secured non-2016 Measure B funding.

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4. Identify all partner agencies for this project and whether or not you have executed funding agreements or memoranda of understanding with each identified partner agency. If not, when do you anticipate to have them executed?

5. Do you have community support for this project? Are there any identified concerns raised by the community? Please describe.

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PART 5: ATTACHMENTS

Please identify the attachment types below, label and make clear references to each attachment in your narratives. Send all attachments via email to 2016MeasureB@vta.org. Project sponsors are not required to submit detailed design plans. Each attachment should be no more than 10 pages.

- **Required attachments:**

- Project map for Part 2
- Map identifying low-income travel market, vulnerable population (if applicable) for Part 3.3
- Existing community engagement documentation (if applicable) for Part 3.3
- Letter(s) of support from partnering agencies (if applicable) for Part 3.4

- **Optional attachments:**

- Detailed project cost estimate
- Quantitative backup for improvements to greenhouse gases, vehicle miles traveled and Complete Streets/Active Transportation Infrastructure elements
- Community Engagement Plan for this project
- Photos of existing conditions
- Crash history
- Photos demonstrating safety issues, incident reports, safety issues/comments from the public
- Others, please specify:

PART 6: SUBMISSION

Please email the complete and signed application packet to 2016MeasureB@vta.org.

Subject Title: 2016MB Highway Interchanges – *Project Name* – *Your Agency Name*

For questions, please email: 2016MeasureB@vta.org.

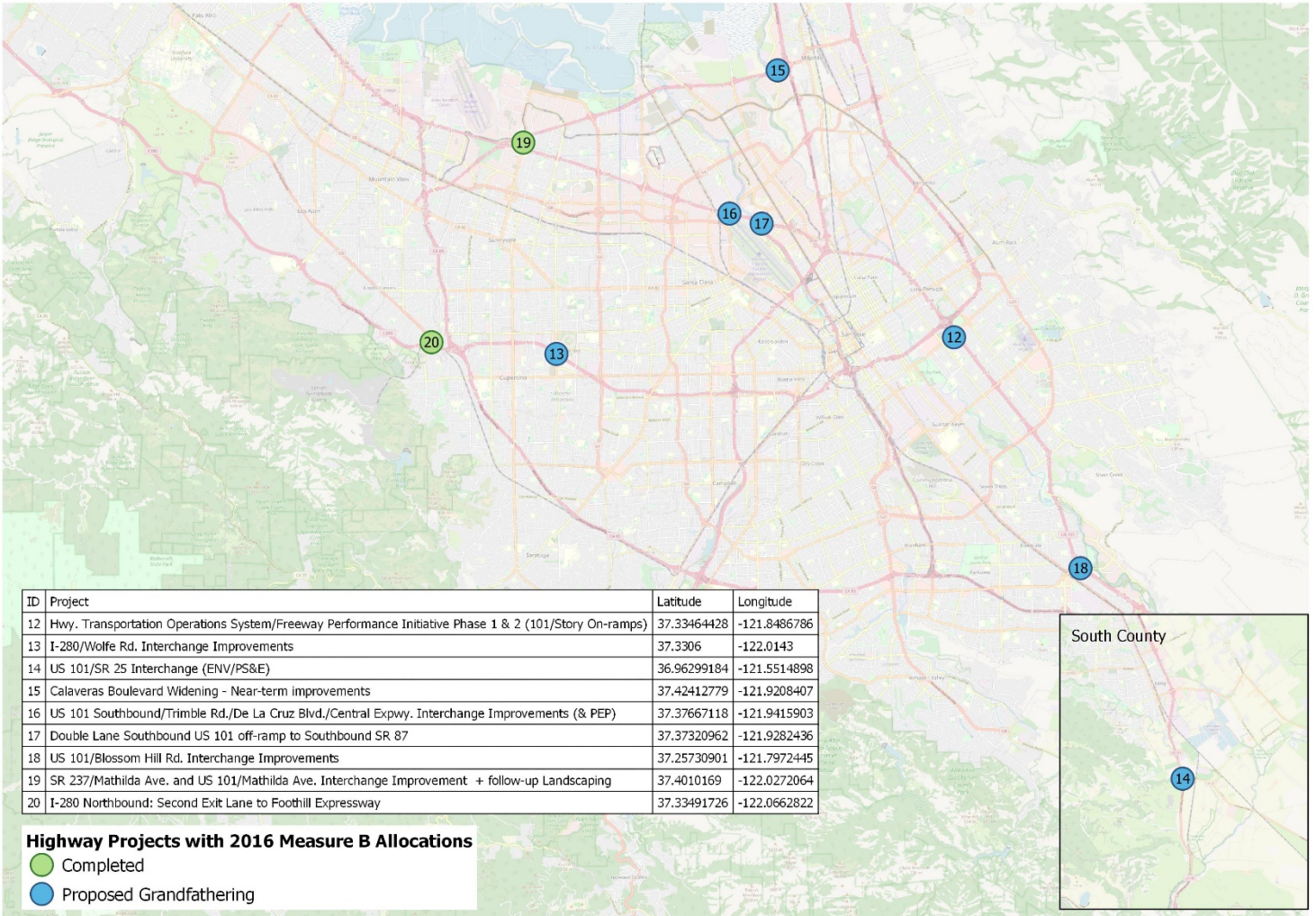
Format: Every effort should be made to convert the completed application form and any scanned files to one PDF format with optical character recognition (OCR).

Application Package: Please minimize the application packet size (max. 25MB) for emailing. You may provide a direct download link if the package size is over 25MB.



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Appendix A: 2016 Measure B Highway Projects



A GIS shapefile of these projects are also available online.

