Tonight’s open house is organized to give the community the opportunity to prioritize project improvement efforts. This will help guide the design team and county by identifying the most critical improvement zones. We look forward to hearing your thoughts and ideas!

*KEY PROJECT GOALS*

- **PAVEMENT** REPAIR & ACCESSIBILITY
- **TRAFFIC** CONGESTION RELIEF
- **PEDESTRIAN** SAFETY IMPROVEMENTS
- **TRANSIT** ACCESS IMPROVEMENTS
- **BICYCLE** ROUTE IMPROVEMENTS
Project Descriptions

1. **Base Project**: Highway 101 - Ross Town Limits
   Maintenance projects: pavement, guardrail updates, striping, MMWD pipeline, Wolfe Grade intersection, conduits for adaptive signals

2. **Project A**: Highway 101 - El Portal Drive
   Improve congestion relief through intersection improvements and third lane eastbound

3. **Project B**: El Portal Drive - Eliseo Drive
   Widen sidewalk on the North side of Sir Francis Drake

4. **Project C**: El Portal Drive - Bon Air Road
   Shift median and lanes to widen sidewalk on the north side or Sir Francis Drake

5. **Project D**: Bon Air Road - Manor Road
   Improve visibility for pedestrian crossings and widen sidewalk

6. **Project E**: Bacich Frontage - Laurel Grove Avenue
   Improve pedestrian safety by creating wider sidewalks and standardizing intersections

7. **Project F**: McAllister Avenue - Ash Avenue
   Enhance pedestrian crossings and improve vehicular movements

8. **Project G**: College Avenue
   Congestion relief and pedestrian safety efforts

9. **Project H**: Elm Avenue - Toussin Avenue
   Improve transit conditions by relocating a bus shelter to encourage safe crossing by pedestrians and enhance existing crossing zones

Project Budget Breakdown

- **Total Proposed Projects**: $18,000,000
- **Remaining in Budget**: $5,000,000
- **Currently Funded**: $13,500,000
- **Base Project**: $8,500,000

Workshop Exercise Description

There are $9.5 million worth of optional projects over and above the required base project, and there are $5 million remaining in the budget.

During this workshop, please indicate your preferences for implementation by placing dots in the boxes on each project board.

This prioritization exercise will help the county identify projects for implementation within the existing budget.
## Estimated Project Schedule

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>EXISTING CONDITIONS</td>
<td>REVIEW POTENTIAL ALTERNATIVES</td>
<td>REVIEW REFINED ALTERNATIVES</td>
<td>REVIEW RECOMMENDED ALTERNATIVES</td>
</tr>
<tr>
<td>• Opportunities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Constraints</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Public Brainstorming (May)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PREPARE FOCUSED EIR</td>
<td>CERTIFY EIR AND ADOPT FINAL PROJECT</td>
<td>FINAL PROJECT DESIGN</td>
<td>PROJECT CONSTRUCTION (2 SPRING/ SUMMER PERIODS)</td>
</tr>
</tbody>
</table>

**WE ARE HERE**

## Next Steps

- Prepare a recommended project scope within the available budget, considering the priorities from tonight’s open house for guidance
- Finalize the Environmental Impact Report
- Board of Supervisors’ public hearing on the EIR and a final project
- Prepare final design plans for construction
- Continue to seek funds for remaining projects not included in the final project due to budget limitations
Previous Community Engagement

- Community Meeting #1: May 2, 2015
- Community Meeting #2: November 18, 2015
- Walking Tour #1: January 13, 2016 (East of Wolfe Grade)
- Walking Tour #2: January 25, 2016 (West of Wolfe Grade)
- Community Meeting #3: March 15, 2016
- Meeting with Marin Transit: January 29, 2016
- Meetings with Kentfield SD: 2016-February & May
- TAC Meetings: 2015- March & October, 2016- February
- CAC Meeting: 2015-May & December, 2016- April & May
- Community Meeting Open House Gallery: June 2016
Corridor Key

Sir Francis Drake Boulevard

Project A: Highway 101 to El Portal Drive
Traffic Congestion & Improvements
Widen Sidewalk on north side

Project B: El Portal Drive to Eliseo Drive
Barry Way Options:
To be coordinated with Larkspur, Bon Air Shopping Center as a part of a separate project.

Community Workshop
January 30, 2018
**Project A | 101 Highway to El Portal Drive**

**Congestion Reduction Diagram**

- Add north/south simultaneous signal phasing (La Cuesta & Eliseo)
- Add 3rd lane in eastbound direction
- Add/balance 2nd left turn lane (Eliseo & College)
- Signal Timing

**Split Phasing Diagram**

**Existing Condition**

**Proposed Condition**

**Capacity Improvements at Highway 101**

<table>
<thead>
<tr>
<th>AM Peak</th>
<th>No Project- 2020</th>
<th>Project A- 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>F</td>
<td>B</td>
</tr>
<tr>
<td>F</td>
<td></td>
<td>D</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PM Peak</th>
<th>No Project- 2020</th>
<th>Project A- 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>E</td>
<td>B</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>D</td>
</tr>
</tbody>
</table>

**LOS** - A traffic engineering measure used to relate quality of traffic service based on speed, density, etc. Categorizes traffic flow on a scale of A (free flow) to F (traffic jam).
### Project A Elements:

<table>
<thead>
<tr>
<th>What?</th>
<th>Why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intersection improvements at Eliseo, La Cuesta, and El Portal</td>
<td>Highest volume area. Modified intersections and lane configurations create more efficient signal timing and increase green boulevard signal time on Sir Francis Drake</td>
</tr>
<tr>
<td>Modify lane configuration in north/south direction to enable</td>
<td>Increase capacity with third lane eastbound to reduce congestion</td>
</tr>
<tr>
<td>simultaneous turn movement</td>
<td></td>
</tr>
<tr>
<td>Shift curb to create Third Lane</td>
<td>Improves pedestrian safety by removal of uncontrolled pedestrian crossing and providing pedestrian refuge islands</td>
</tr>
<tr>
<td>Modify medians on north side for Eliseo and La Cuesta</td>
<td></td>
</tr>
</tbody>
</table>

**Total Cost of Improvements: $2,600,000**

### Prioritization Exercise:

*To prioritize Project A, place 5 dots in one box below.*
Project B | Eliseo Drive to El Portal Drive

Eliseo-Portal Before

Eliseo-Portal After
## Project B Elements:

<table>
<thead>
<tr>
<th>What?</th>
<th>Why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Provide wider sidewalk for pedestrians and children on bicycles</td>
<td>• Provide a multi-use facility that can accommodate children on</td>
</tr>
<tr>
<td>• Replace substandard guardrail with cable fence (part of base</td>
<td>bicycles and pedestrians</td>
</tr>
<tr>
<td>project) and landscape</td>
<td></td>
</tr>
</tbody>
</table>

## Total Cost of Improvements: **$1,100,000**

### Prioritization Exercise:

*To prioritize Project B, place 2 dots in one box below.*
Project C: El Portal Drive to Bon Air Road

Elements & Prioritization

Project C Elements:

<table>
<thead>
<tr>
<th>What?</th>
<th>Why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Shift median and curb on north side to the south side of Sir Francis Drake</td>
<td>• Provide a multi-use facility that can accommodate children on bicycles and pedestrians</td>
</tr>
<tr>
<td>• Provide wider sidewalk for pedestrians and children on bicycles</td>
<td>• Establish a more accessible path of travel along the north side of Sir Francis Drake. Bon Air Road is a key connection to the Corte Madera Creek Trail</td>
</tr>
<tr>
<td>• Replace substandard guardrail with cable fence (part of base project) and landscape</td>
<td></td>
</tr>
</tbody>
</table>

Total Cost of Improvements: $1,400,000

Prioritization Exercise:
To prioritize Project C, place 3 dots in one box below.
Project D: West Bon Air Road to Manor Road

Student/ Pedestrian Safety Improvements

Corridor Key

Sir Francis Drake Boulevard | Community Workshop
January 30, 2018
Project D: West Bon Air Road to Manor Road

Elements & Prioritization

Project D Elements:

<table>
<thead>
<tr>
<th>What?</th>
<th>Why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Bon Air Road: Widen sidewalks, remove slip lanes, relocate crosswalk to west side, and improve pedestrian access</td>
<td>• Bon Air Road: Improve pedestrian safety and enhance the key connection to Corte Madera Creek Trail</td>
</tr>
<tr>
<td>• Manor Road: Increase pedestrian visibility at intersection and crosswalk by widening the sidewalk. Add left turn merge area within Sir Francis Drake median for cars turning eastbound</td>
<td>• Manor Road: Improve pedestrian and vehicle visibility and to help reduce conflicts. Improve vehicle movements for cars merging onto Sir Francis Drake</td>
</tr>
<tr>
<td>• Marin Catholic Driveway: Close sidewalk gap and create standard driveway</td>
<td>• Marin Catholic Driveway: Improve pedestrian safety by providing sidewalk to cross driveway</td>
</tr>
</tbody>
</table>

Total Cost of Improvements: $1,300,000

Prioritization Exercise:
To prioritize Project D, place 3 dots in one box below.
Project E: Bacich Frontage to Laurel Grove Avenue

Student/ Pedestrian Safety Improvements

Corridor Key

Sir Francis Drake Boulevard | Community Workshop | January 30, 2018
Project E: Bacich Frontage to Laurel Grove Avenue

Elements & Prioritization

Project E Elements:

<table>
<thead>
<tr>
<th>What?</th>
<th>Why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laurel Grove: Standardize intersection by removing slip lanes and replacing with standard right turn only lane on to Laurel Grove. Widen sidewalk at all sides of intersection to increase capacity for students crossing the street.</td>
<td>Improves pedestrian safety by removal of uncontrolled pedestrian crossing and provides pedestrian refugee islands.</td>
</tr>
<tr>
<td>Widen sidewalk on the south side from Laurel Grove to Wolfe Grade.</td>
<td>Bacich Frontage: Widen sidewalk to accommodate children walking to school and exiting vehicles.</td>
</tr>
<tr>
<td></td>
<td>This is also a primary route to Bacich Elementary School.</td>
</tr>
</tbody>
</table>

Total Cost of Improvements: $1,300,000

Prioritization Exercise:
To prioritize Project E, place 3 dots in one box below.
Project F: McAllister Avenue to Ash Avenue
Pedestrian Safety Improvements

Project G: College Avenue
Congestion Relief & Pedestrian Safety

Project H: Elm Avenue to Toussin Avenue
Transit Improvements
## Project F Elements:

<table>
<thead>
<tr>
<th>What?</th>
<th>Why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• McAllister: Modify intersection by removing slip lane and squaring up the intersection. Add merge area for vehicles turning left onto Sir Francis Drake</td>
<td>• Ash Ave. is an unsignalized intersection and has a history of collisions</td>
</tr>
<tr>
<td>• Ash Ave: Install pedestrian hybrid beacon, advance striping, pedestrian refugee area, and curb extensions to reduce crossing distance</td>
<td>• Providing a pedestrian refugee will allow pedestrians to reactivate the lighted crosswalk while waiting to safely cross</td>
</tr>
</tbody>
</table>

### Total Cost of Improvements: **$400,000**

### Prioritization Exercise:

**To prioritize Project F, place 1 dot in one box below.**
Project G: College Avenue

Existing: Vehicle Queue

- High occurrence of sideswipe collisions: 12
- High occurrence of rear-ends: 9
- Single left turn lane
- Roadway curve
- Vehicle queuing

Proposed: Vehicle Queue

- Dual left-turn lane
- Existing merge lane location

LEGEND
- Rear End
- Sideswipe
- Other
- Vehicle Queuing
- 5 year collision total
### Project G Elements:

<table>
<thead>
<tr>
<th>What?</th>
<th>Why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Provide dual left turn lanes to College Avenue</td>
<td>• Improve level of service and improve overall safety by reducing backup on Sir Francis Drake</td>
</tr>
<tr>
<td>• Maintain existing two merge lanes on college</td>
<td></td>
</tr>
</tbody>
</table>

**Total Cost of Improvements: $800,000**

### Prioritization Exercise:

*To prioritize Project E, place 2 dots in one box below.*
Project H: Elm Street to Toussin Avenue

Elements & Prioritization

Project H Elements:

<table>
<thead>
<tr>
<th>What?</th>
<th>Why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Relocate bus stop and provide a new stop with an overhead shelter</td>
<td>• Elm St.: This encourages pedestrian crossing at a signalized intersection which increases overall safety for pedestrians and vehicles</td>
</tr>
<tr>
<td>• Install rectangular rapid flashing beacon signals or pedestrian hybrid beacon signals at Toussin Avenue</td>
<td>• Toussin Ave.: Improves pedestrian safety by warning oncoming traffic with yield markings and pedestrian hybrid beacon</td>
</tr>
</tbody>
</table>

Total Cost of Improvements: **$400,000**

Prioritization Exercise:
To prioritize Project H, place 1 dot in one box below.