Potrero Interchange
Background

- Extension of the Potrero Blvd. over the 60 freeway with a six lane bridge and new freeway interchange.

- City is the lead agency for the Project.

- Planning for of the interchange goes back to early 2000’s.

- The project is identified in the City’s General Plan Circulation Element.

- On the list Southern California Association of Governments (SCAG) 2012-2035 Regional Transportation Plan/Sustainable Communities (RTP/SCS).

- Project consists of two phases described in the next slides.
Phase 1 and 1A

Phase 1

- Extending Potrero Boulevard over the SR 60.
- Construction of a six (6) lane bridge, with a center median and bicycle lanes.
- Connect ramp on Western Knolls to Potrero Boulevard north of the freeway.
- Freeway widening at the Western Knolls and SR 60 connection (north and south sides).
- Freeway widening at the Potrero Bridge location (a few hundred feet east and west of the new bridge).
Background (Cont.)

PHASE I

Remove portions of existing roadway and extend 2-lane Potrero Blvd to cross over SR-60.

End Phase 1 construction and conform to existing Potrero Blvd.

Remove portions of existing roadway and construct temporary 2-lane connection to existing Western Knolls.

Construct 6-lane bridge structure over SR-60.

Existing 2-lane roadway constructed by City between Oak Valley Parkway to Western Knolls.

Yellow lines show features to be constructed as part of Phase 2 (typical).

End Phase 1 construction and conform to separate City project extending Potrero to 6th St.
Background (Cont.)

Phase 1A

- Construction of acceleration and deceleration lanes on SR 60.
- Construction of median barriers on SR 60.
- To be constructed under Caltrans Permit Process, a streamlined process to complete minor improvements on Caltrans right of way.
- The cost of these improvements is approximately $2.23 million.
- The City obtained a permit for Phase 1A, but the work was never completed. The permit expired in 2015.
Background (Cont.)

Phase 2

- Construction of the partial cloverleaf interchange and ramps providing full freeway access (ingress and egress both directions)
- Realignment of Western Knolls Avenue.
- Provides increased safety on the SR 60 and Western Knolls Avenue.
- Access to the existing properties adjacent to the Potrero Bridge location.
Project Benefits

- Beaumont has competitive economic development advantage of two freeways and a state highway coming together.
- Freeway Interchanges are a way to create economic activity, jobs and tax revenues by providing access to adjacent properties.
- Interchange has been identified as a traffic mitigation measure in several of the environmental documents for the projects in the vicinity of the Interchange location.
- Approximately 2000 acres benefit from new Interchange.
- Provides access to industrial and commercial areas to balance out growth primarily in residential sector.
- Economic Development is a key component of City’s Workout Plan to Sustainability discussed during the August 11, 2016, special meeting.
- Interchange is first Economic Development task in Beaumont’s New Day.
## Funding

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Amount</th>
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<tr>
<td>DEMO-SAFTEA-LU</td>
<td>$1,440,000</td>
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<tr>
<td>Section 125- Surface Transportation</td>
<td>$855,000</td>
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<tr>
<td>Section 129- Surface Transportation</td>
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<td>STP Local</td>
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<td>STP Progmatic</td>
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<td><strong>Total</strong></td>
<td><strong>$13,443,000</strong></td>
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Revised Project Cost Estimates

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<tr>
<th>Item</th>
<th>Phase I</th>
<th>Phase II</th>
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<tr>
<td>PS&amp;E Phase</td>
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<td>$900,000</td>
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<td>Roadway and structure</td>
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<td>Right-of-Way / Utilities</td>
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<td><strong>Subtotal</strong></td>
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<td>Environmental Mitigation</td>
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<td><strong>Totals</strong></td>
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<td><strong>$23,120,000</strong></td>
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<td>Grant Funds Available</td>
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<tr>
<td>Development Share</td>
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<td>$23,120,000</td>
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<td>$4,000,000</td>
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<tr>
<td><strong>Grand Total</strong></td>
<td><strong>$28,460,000</strong></td>
<td><strong>$27,120,000</strong></td>
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</table>
Funding (Cont.)

- Funding source for $1.44 Million DEMO-SAFTEA-LU funds has been replaced by future federal surface transportation funds by RCTC. (letter dated July 8, 2016).

- The City also received a letter from RCTC on July 21, 2016, indicating RCTC’s intention of de-programing $8.929 million in STP Local funding due to their perception of lack of progress on the Interchange Project.

- Phase 1A is estimated at $2.23 million.

- Estimated $8.02 million of development share to complete phase 1.

- Phase 2 is estimated to cost $27.12 million to complete.
Funding (Cont.)

Staff believes that the Project should be funded by development activity in the vicinity of the Project receiving direct benefit of the project. City may need to advance some funds.

Options for Funding Development Share:

- Development Impact Fees.
- Project Specific Development Impact Fees.
- CFD Funds.
- Enhanced Infrastructure Finance District (EIFD).
- Agreement from adjacent property owners to advance funds.
- Agreement from adjacent property owners to reimburse funds.
- Additional Grant Funds.
Funding (Cont.)

Economic Development Potential Adjacent to Interchange
Phase 1A

These improvements will be completed as a Project separate from the Interchange Project. The scope of the Streamlined Oversight Project (EA 34143) consists of construction of the following at the Western Knoll Avenue intersection/access point:

- Construct a deceleration & acceleration lane along WB SR-60
- Install temporary concrete barrier (Type K) along the median of SR-60.
- Widen and reconfigure the access point.
- Associated drainage, signing and striping modifications.

The final cost estimate for this phase of the Project as of August 2013 is $2,230,000. A permit was issued to City on February 2014 that expired on February 2015. Caltrans may extend the permit.
Phase 1

- Phase 1 at the 95% PS&E (about a year and a half ago).

- Environment revalidation from Caltrans Environmental Unit will be required (at 100% PS&E). It appears that Environmental Permit # 1602 was obtained but other permits may also be required.

- Right of way acquisition is complete for all but one parcel (APN 421-020-003). It will take up to 120 days to complete the acquisition. Following partial interests in the larger parcel must be acquired:
  1. Parcel 21978-1: In fee, 12.90 acres.
  2. Parcel 21978-2: In fee, 0.48 acres.
  3. Parcel 21978-3: A permanent drainage easement over 0.33 acres.
  5. Parcel 21978-5: A roadway easement over 0.08 acres.
  6. Parcel 21978-6: A permanent slope easement over 1.34 acres.

- Caltrans has combined the Right-of-Way requirement map for both Potrero Phases 1 & 2 (EA # 34141 & 34142). The following documents are needed:
  1. Right of Way Appraisal Map
  2. Right of Way Plats and Legal
  3. Right of Way Record Map
  4. Utility Certification
  5. Right of Way Certification
Right of Way
Phase 1 (Cont.)

Other tasks that need to be completed.

- Update 95% PS&E package to comply with the 2015 Standards and current Highway Design Manual (HDM).
- Review the approved Design Exception Fact Sheet to verify if any new design exception would be needed due to update to the HDM.
- Americans Disability Act (ADA) certification.
- For Caltrans to perform the Advertising, Awarding and Administering (AAA), the current coop agreement will need to be amended.
Project Status (Cont.)

Phase 1 (Cont.)

- Project falls partly within the City of Beaumont and partly within the County of Riverside. City signed the agreement on May 7, 2013. County of Riverside still needs to sign the agreement. LAFCO is considering an annexation on September 24th, 2016 that may make the agreement with county unnecessary.

- Freeway Maintenance Agreement.

- Request for Federal Funds (RFA) Package to Caltrans Local Assistance. The following tasks need to be completed:
  i. The above stated list of items under Environment, Right of Way and PS&E.
  ii. Finance Letter.
  iii. Current approved Federal Transportation Improvement Plan (FTIP) project listing.
  iv. Other documents required by Caltrans Local Assistance.
Project Status (Cont.)

Phase 2

- The work required for this phase of the project includes;
- Completion of plans (currently at 65%)
- Most of the tasks identified in Phase I.
- Secure Funding for Phase 2.
- Staff will present options for Phase 2 at a later date after issues related to Phase 1 have been resolved.
Alternatives

A. Proceed with the finalizing of the project and contracting for the remaining work to be completed. Following are the steps:

1) Identify remaining funding needed to complete Phase I of the Project. ($8.02 million).

2) Request extension of Permit for Phase 1A and continue with advertising and award of this phase of the Project.

3) Contract with appropriate consultants to complete design & environmental for Phase I.

4) Contract with Caltrans to be lead the Construction Phases (AAA) of the Project or hire City staff in the Engineering Department to oversee the Project.

5) Procure consultant for construction management of Phase 1, in compliance with Caltrans RFP process.

6) Contract with appropriate consultants to complete design and environmental for Phase II of the project at a later date.

7) Explore financing opportunities to fund the Project.
## Project Schedule

<table>
<thead>
<tr>
<th>ID</th>
<th>Task Mode</th>
<th>Task Name</th>
<th>Duration</th>
<th>Start</th>
<th>Finish</th>
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<td>Wed 3/16/18</td>
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<td>Tue 9/6/16</td>
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<td>Mon 9/12/16</td>
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### Task Summary

- **Project Management**: 457 days from Mon 8/29/16 to Wed 3/16/18.
- **Gathering Project Information**: 7 days from Mon 8/29/16 to Tue 9/6/16.
- **Approved Plans**: 7 days from 8/29/16 to 9/6/16.
- **Executed Agreements**: 7 days from 8/29/16 to 9/6/16.
- **Approved Permits**: 7 days from 8/29/16 to 9/6/16.
- **On-going Project Correspondence**: 7 days from 8/29/16 to 9/6/16.
- **PDT Meeting Minutes**: 7 days from 8/29/16 to 9/6/16.
- **Review Comments and Responses**: 7 days from 8/29/16 to 9/6/16.
- **Verifying Project Readiness**: 7 days from Tue 8/30/16 to Wed 9/7/16.
- **Project Environmental Re-evaluation Review**: 7 days from 8/29/16 to 9/6/16.
- **Preparing/Updating Environmental Documents/Memos**: 30 days from 8/29/16 to 9/16/16.
- **Verifying Right of Way Status**: 7 days from 8/29/16 to 9/6/16.
- **Performing Right of Way Mgmt.**: 10 days from Mon 8/29/16 to Fri 9/9/16.
- **Verifying Right of Way Engineering Status**: 30 days from 8/29/16 to 9/16/16.
- **Verifying Utility Relocation Status**: 30 days from 8/29/16 to 9/16/16.
- **Obtaining Right of Way Certification**: 0 days from Mon 2/13/17 to Mon 2/13/17.
- **Prepare Risk Management Plan - Delivery Risk**: 7 days from Wed 9/7/16 to Thu 9/15/16.
- **Prepare Project Funding Plan**: 2 days from Wed 9/7/16 to Thu 9/8/16.
- **Conduct Project Constructability Review**: 2 wks from Tue 8/30/16 to Mon 9/12/16.

---

### Reference Dates

- **Project Start**: Wed 8/10/16
- **Project Finish**: Wed 3/16/18

---

**Note**: The project schedule details the tasks and the dates they are assigned, providing a structured timeline for project completion.
### Project Schedule (Cont.)

#### Option One - QC and PM Services Only SR60 Puerto I/C

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<th>ID</th>
<th>Task Mode</th>
<th>Task Name</th>
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<th>Start</th>
<th>Finish</th>
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#### Gantt Chart:

- Caltrans OE Process: 2/13/17 to 4/7/17
- Project RTL: 4/10/17 to 4/10/17
- Assist Caltrans OE / Adv: 2/13/17 to 4/7/17
- Project ADV: 4/10/17 to 4/10/17
- Award Project (Caltrans): 4/10/17 to 4/18/17
- Beg Construction: 4/19/17 to 4/19/17
- End Construction: 4/19/17 to 5/15/18
- Perform QC/QC for CM (City): 4/19/17 to 4/19/17
- Project Closeout: 5/16/18 to 5/16/18

---

Project: Project Schedule - Option
Date: Wed 8/10/16

- Project Summary
- Inactive Milestone
- Manual Summary Rollup
- Deadline
- Progress
  - Start-only
  - Finish-only
  - Duration-only

---

21
Alternatives (Cont.)

B. Stop all work on the Interchange Project, return grant funds allocated to the Project and delete from CIP. (No Build Alternative)

- Traffic congestion would continue to increase on local and regional transportation facilities, degrading to unacceptable levels of service at many existing intersections.

- There is substantial economic impact to the City in potential loss in future revenues. Loss of construction and permanent jobs.

- The design and environmental work will require to be updated in the future at a substantial cost. Over $11 million spent to date will be lost.

- The right of way acquired may have to be returned to the property owners.

- City will most likely lose $13.44 million in Federal Grants and may find it difficult in future to compete for additional grants.
## Impact to Traffic

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<tr>
<th>Freeway</th>
<th>Mainline Segment</th>
<th>Existing 2010 LOS Conditions</th>
<th>2035 LOS Without Project</th>
<th>2035 LOS With Project</th>
<th>REMARKS</th>
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<td>Density (pc/mi/ln)</td>
<td>Level of Service</td>
<td>Density (pc/mi/ln)</td>
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**Total Number LOS “F” Without Project**: 3

**Total Number of LOS “F” With Project**: 1

**Source**: SR-60/Potrero Interchange Traffic Impact Analysis (March 2010)

NA = Not Applicable
pc/mi/ln = passenger car/mile/lane
Recommendations

Proceed with Phase 1 of the Interchange and the following tasks:

1. Authorize staff to proceed with completion of Phase I plans and specifications, updating environmental, and right of way documents and all other remaining issues identified in the staff report and authorize City Manager to negotiate contracts with appropriate consultants as needed exempting from the City’s consultant procurement policy. (Any procurement of Consultants over $10,000 will require City Council approval)

2. Award Contract to Mark Thomas and Company in the amount of $140,000 to complete plans for Phase 1 and 1A.

3. Approve finance plan for the project and amend FY2016-2017 fiscal budget to add as CIP project in amounts as shown on Slide number 9.

4. Authorize Staff to move forward with drafting a Memorandum of Understanding (MOU) to designate Caltrans as lead agency for construction phase (AAA phase) of the project.

5. Authorize staff to request permit extension from Caltrans for Phase 1A of the project and proceed with public bidding of the project.

6. Authorize staff to file the Request for Federal Funds (RFA) for construction management phase of the project.

7. Award contract to IDC of Rancho Cucamonga in the amount of $120,000 for project management and oversight for the PS&E phase of the Phase I ($70,000) and Phase IA ($50,000).

8. Approve the Freeway Maintenance Agreement for the SR-60 Potrero Boulevard Interchange
Questions?