




Office of the City Manager

ACTION CALENDAR

July 14, 2015

To: Honorable Mayor and Members of the City Council

From:  Christine Daniel, City Manager

Submitted by: Andrew Clough, Director, Public Works

Subject: Grant Applications Due by July 31, 2015: Alameda Countywide Transportation Commission Call for Projects

RECOMMENDATION

Adopt a Resolution authorizing the City Manager to submit grant applications due by July 31, 2015 to the Alameda County Transportation Commission for planning, design, and construction of projects as recommended by the City of Berkeley Transportation Commission at their June 18, 2015 meeting. This shall include 25 project bundles for inclusion in the Countywide Transportation Plan with detailed submittals for 5 of the bundles for inclusion in the 5 year Comprehensive Investment Plan for FY2018 – FY2022 in preparation for development of the Alameda County Transportation Commission Fund Allocation Plan for FY2018 and FY2019 grant funds.

FISCAL IMPACTS OF RECOMMENDATION

In response to a Call for Projects from the Alameda County Transportation Commission (ACTC), the City will be submitting grant applications, due by July 31, 2015, for planning, design, and construction of projects as recommended by the City of Berkeley Transportation Commission at their June 18, 2015 meeting. This shall include 25 project bundles for inclusion in the Countywide Transportation Plan with detailed submittals for 5 of the bundles for inclusion in the 5 year Comprehensive Investment Plan (CIP) for FY2018 – FY2022 in preparation for development of the ACTC Fund Allocation Plan for FY2018 and FY2019 grant funds. Detailed submittals for the 5 year CIP shall include:

1. West Berkeley Area
 - a. Gilman Interchange
 - b. Gilman Grade Separation
 - c. Rail Road Quiet Zone
 - d. 9th Street Pathway
 - e. Bike Plan, Pedestrian Plan, West Berkeley Circulation Report Projects
 - f. Signal Interconnect Phase I
2. Bike Blvd Intersections
3. Downtown Berkeley Area
 - a. Milvia Bike Blvd
 - b. Bike Plan, Pedestrian Plan, SOSIP Projects

4. Southside Area Improvements
 - a. Southside Streets 2-way Conversion (Bancroft-Durant)
 - b. Bike Plan, Pedestrian Plan, Southside Plan Projects
5. Telegraph Ave Complete Streets Corridor
 - a. Bike Plan, Pedestrian Plan, Southside Plan Projects

If awarded, these ACTC applications will position the City of Berkeley to receive competitive grant funding revenue for the FY2018 – FY2022 cycle. Grant revenues will be placed in a fund to be determined.

A separate resolution will be submitted to Council before obligating grant funds and City of Berkeley matching funds.

CURRENT SITUATION AND ITS EFFECTS

ACTC has instituted a new process for cities to apply for and receive grant funding from a variety of funding sources. In order to position the City for this funding, Transportation staff have introduced a new internal process that reflects what ACTC has established.

Previous Application Process

Until 2015, the City responded to Calls for Projects from a variety of funding sources, including the One Bay Area Grant Program (OBAG), Congestion Mitigation and Air Quality Grants (CMAQ), and others. Staff would analyze the grant's criteria, select a City project that matched the criteria, complete the grant application, and submit it by the grantor's deadline. Grants were submitted through ACTC, which performed administrative and oversight duties.

New Application Process

As of 2015, ACTC has a new process that will streamline the grant funding process and merge it with the ACTC Countywide Transportation Plan (CTP). ACTC has developed a single application for all funding sources. Cities fill out the project information for all phases of a project, such as planning, design, environmental analysis, and construction. ACTC will assess the projects and funding requests for each phase, and assign funding sources as appropriate.

Instead of multiple grant application deadlines, ACTC will issue a single Call for Projects every 2 years as part of the new Countywide Transportation Plan implementation process. Projects for all time horizons up to 30 years will be included in the new 30 year Countywide Transportation Plan, for which Cities may submit updates every 4 years. Beginning in 2016, ACTC will invite member cities every 2 years to select projects from the CTP for inclusion in the new 5 year CIP and seek funding allocations for the first two years of the 5 year CIP. When awarded, funding must be expended within 5 years of the award. Attachment 2 depicts ACTC's new process for allocation of funding for the revised 2016 Countywide Transportation Plan, Comprehensive Investment Plan, and future updates.

Call for Projects 2016 Countywide Transportation Plan: Due July 31, 2015

On June 1, 2015, ACTC released a Call for Projects due July 31, 2015. Applications submitted by the July 31 due date are eligible for inclusion in both the new 2016 Alameda County Transportation Plan and the Metropolitan Transportation Commission (MTC) Regional Transportation Plan (RTP), which are requirements for receiving grant funding. Projects will be selected for inclusion in the ACTC Countywide Transportation Plan by summer 2016, and at that time detailed funding requests will be accepted for FY2018 – FY2022.

To meet the July 31, 2015 deadline, the Transportation Division created a methodology to prioritize the City's transportation projects and prepare the most competitive applications for funds. Staff identified projects from existing Council-adopted plans, infrastructure needs, Council referrals, and previously submitted projects. Projects come from existing City plans or studies, such as the Downtown Area Plan, Southside Plan, West Berkeley Circulation Study, Bicycle Plan, Pedestrian Plan, and others. Projects were prioritized based on policies derived from Council adopted plans and policies. The complete list of approximately 250 projects is shown in Attachment 3. To develop grant applications, projects were consolidated into "bundles" depending on whether they are:

- Individual Projects, such as Gilman Interchange; Milvia Bicycle Boulevard project; or completion of all remaining High Priority Projects from the Berkeley Pedestrian Master Plan.
- Corridor Projects, such as along San Pablo, Ashby, or University Avenues.
- Area Projects based on City planning areas, such as Downtown, West Berkeley, or Southside.

It is important to note that applications will be developed for 25 project bundles that include the full set of approximately 250 originally identified projects. However, due to time constraints, staff can only develop detailed applications for a subset of the total project list. To select the top 5 project bundles for each of the staff ranked projects by their competitiveness using ACTC criteria, and filtered the list by screening criteria, including as "Project Readiness", "Community Support", "Cost Effectiveness", and "Agency Coordination". Attachment 4 shows the top 5 project bundles ranked by Screening Criteria.

The selection methodology was presented to the Transportation Commission on June 11, 2015, and June 18, 2015. The full materials presented to the Transportation Commission, including details about project prioritization and screening criteria may be accessed here on the Transportation Commission web page:

<http://www.cityofberkeley.info/ContentDisplay.aspx?id=13086>

At the June 18, 2015 Transportation Commission meeting, staff presented for feedback:

- 5 high-priority project bundles to be funded in the FY 2018 – FY 2022; and
- Project bundles to be developed in the pipeline for the next 30 years.

As a result of their evaluation, the Transportation Commission adopted the following

motions: 1) Having reviewed staff assessment of potential applications to the ACTC based on screening criteria, recommend that Council submit 25 bundles for inclusion in the Countywide Transportation Plan with detailed submittals for 5 bundles for inclusion in the Comprehensive Investment Plan in preparation for development of the ACTC Fund Allocation Plan for FY2018 and FY2019 grant funds. (M/S: Lathbury/Gerhardstein; Ayes: Bruzzone, Gerhardstein, Ghosh, Hauser, Humbert, Lathbury, Thomas; Noes: None; Abstain: None; Absent: Roberts, Zander); and 2) Designate Commissioner Gerhardstein to speak on behalf of the Transportation Commission at the July 14, 2015 Council meeting, and designate Commissioner Lathbury as his alternate. (M/S: Bruzzone/Humbert; Ayes: Bruzzone, Gerhardstein, Ghosh, Hauser, Humbert, Lathbury, Thomas; Noes: None; Abstain: None; Absent: Roberts, Zander)

The 5 high-priority projects in these grant applications have been selected based on their 1) competitiveness using ACTC criteria; and 2) their ability to meet the City's goals. The resulting list of high-priority projects has the full recommendation of the Transportation Commission. They are:

1. West Berkeley Area
 - a. Gilman Interchange
 - b. Gilman Grade Separation
 - c. Rail Road Quiet Zone
 - d. 9th Street Pathway
 - e. Bike Plan, Pedestrian Plan, West Berkeley Circulation Report Projects
 - f. Signal Interconnect Phase I
 - g. Includes council referrals
2. Bike Blvd Intersections
3. Downtown Berkeley Area
 - a. Milvia Bike Blvd
 - b. Bike Plan, Pedestrian Plan, SOSIP Projects
 - c. Includes council referrals
4. Southside Area Improvements
 - a. Southside Streets 2-way Conversion (Bancroft-Durant)
 - b. Bike Plan, Pedestrian Plan, Southside Plan Projects
 - c. Includes council referrals
5. Telegraph Ave Complete Streets Corridor
 - a. Bike Plan, Pedestrian Plan, Southside Plan Projects
 - b. Includes council referrals

Following the July 31 deadline, projects will be finalized by ACTC for inclusion in the new Countywide Transportation Plan in summer 2016. ACTC plans to allow member cities to update these projects every 2 years after 2016. During these updates, cities may refine these projects and submit them for funding in the next 5-year CIP cycle. Cities may add new projects starting in 2020, and every four years thereafter when ACTC updates the County Transportation Plan.

BACKGROUND

Funding for transportation continues to increase with new federal and state grant programs. In addition, the voters of Alameda County passed Measure BB in November 2014 to increase the sales tax and direct money towards transportation improvements, with the highest percentage of “yes” votes in Berkeley compared to any other city in Alameda County. A portion of the Measure BB tax funds return to each city for roadway and bicycle/pedestrian improvements. The remaining portion is discretionary, and is allocated to member cities by the ACTC.

Historically, the City has been successful in applying for grants for projects, such as the recent award from OBAG for the Downtown Plaza, Shattuck Reconfiguration and Hearst Avenue Complete Streets. However, future programs are expected to be increasingly competitive and Berkeley must demonstrate projects that are:

- Consistent with the City of Berkeley and Alameda County’s goals
- Beneficial to many users in the City and County
- Project-ready to show voters results from Measure BB
- Implemented by a City with a demonstrated ability to deliver projects, and a comprehensive plan to accelerate its delivery schedule

While Berkeley has a tradition of strategic transportation planning with projects such as the Downtown Area Plan, SOSIP, Southside Plan, Bicycle Plan, and West Berkeley Circulation Study, their goals and solutions have not been consolidated into an overall City transportation strategy. As such, funding and implementation of solutions from the plans can be piecemeal. As demonstrated in implementation of Measure M projects and the Downtown Project Delivery Team, the City has a process to deliver projects once they are identified for implementation – and could scale up its current project delivery processes to deliver more projects in a more timely manner.

Public Works Transportation has proposed the Berkeley Strategic Transportation Plan to:

- Combine existing plans and projects into a comprehensive transportation investment program
- Develop criteria to prioritize projects, based on City/County goals and public feedback
- Plan for the 5, 10, 20, 30 year time frame so that projects are always in the pipeline
- Match projects to funding sources for implementation
- Update the plan every 2 years with public feedback, consistent with ACTC’s plan to update the Countywide Transportation Plan every 2 years

Transportation staff plans to kick-off the public outreach portion of this project in Fall 2015. See Attachment 5 for the proposed BeST Plan methodology that develops the City of Berkeley’s list of projects for ACTC’s Countywide Transportation Plan.

ENVIRONMENTAL SUSTAINABILITY

The projects in these grant applications were selected to meet the goal of improving safety, efficiency, and convenience for all modes of travel, and to promote overall transportation sustainability and resiliency for Berkeley. As such, these projects are intended to increase the number of Berkeley residents and visitors walking, biking, and taking transit, while decreasing automobile congestion and likewise greenhouse gas emissions. Increasing cycling and walking is the number 2 goal under the Transportation and Land Use section of the Climate Action Plan. The Plan sets the goal of reducing greenhouse gas emissions 33% below 2000 levels by 2020 and 80% by 2050, and states that transportation modes such as public transit, walking, and cycling must become the primary means of fulfilling our mobility needs in order to meet these goals.

RATIONALE FOR RECOMMENDATION

Alameda County Transportation Commission funding will allow the City to address critical local and regional transportation infrastructure gaps for all modes of travel. The projects in these applications were identified using a set of criteria that were drawn directly from Council-adopted plans and reports. The identified projects were selected from Council-adopted plans such as the Downtown Area Plan, Bicycle Plan, Pedestrian Master Plan, and Southside Plan. Each of these plans have undergone extensive public involvement, including community meetings, City Council and Commission hearings, and Council adoption.

ALTERNATIVE ACTIONS CONSIDERED

The City could choose not to apply for these funds, and forgo transportation funding for transportation projects in FY2018 – FY2022.

CONTACT PERSON

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Attachments:

- 1: Resolution
- 2: New ACTC Funding Process
- 3: City of Berkeley Transportation Projects Grouped by Bundles
- 4: Project Bundle Screening and Top 5 Project Bundles
- 5: Berkeley Strategic Transportation Plan Process

RESOLUTION NO. -N.S.

GRANT APPLICATIONS FOR PROJECTS IN THE 2016 ALAMEDA COUNTYWIDE
TRANSPORTATION PLAN

WHEREAS, the Alameda County Transportation Commission has developed a new process for allocation of grant funding in Alameda County which requires member cities to submit projects for inclusion in the 2016 Countywide Transportation Plan; and

WHEREAS, the City of Berkeley must submit projects to the Alameda Transportation Commission if requesting grant funds administered by the Commission including Measure B, BB, and One Bay Area Grant Funds; and

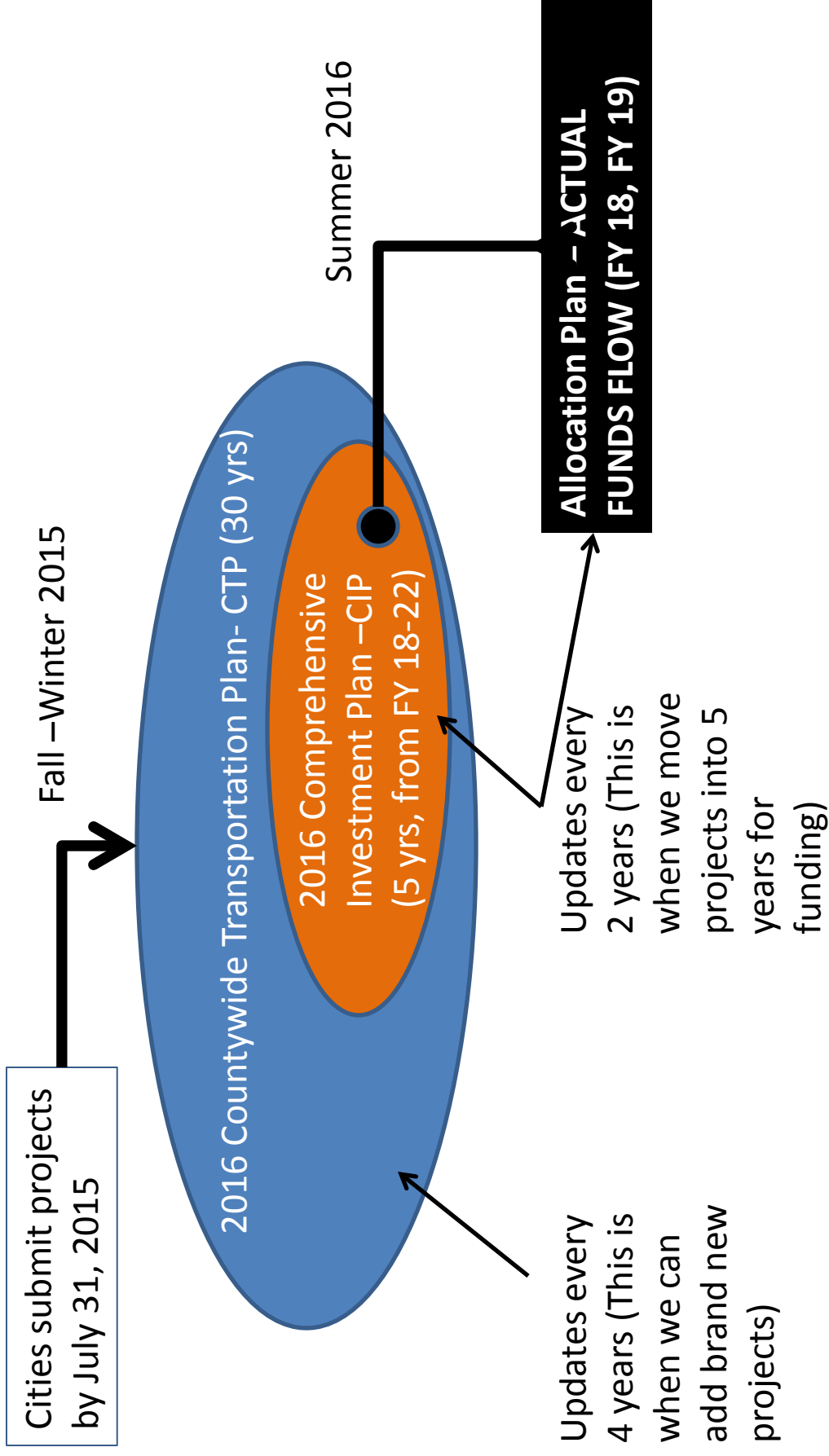
WHEREAS, the City of Berkeley has identified up to 250 individual projects that are eligible for Alameda County Transportation Commission administered grant funding, and developed 5 high-priority project bundles for detailed funding requests in the FY2018 – FY2022 timeframe; and

WHEREAS, detailed funding requests will now be accepted for FY2018 – FY2022 for inclusion in the 2016 Countywide Transportation Plan, and projects approved for inclusion of in the Countywide Transportation Plan will receive funding in FY2018 and FY2019; and

WHEREAS, a Council resolution will be required at a future date to accept FY2018 and FY 2019 funding.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager is authorized to submit grant applications to the Alameda County Transportation Commission for planning, design, and construction of projects as recommended by the City of Berkeley Transportation Commission. This shall include 25 project bundles for inclusion in the Countywide Transportation Plan with detailed submittals for 5 of the bundles for inclusion in the five year Comprehensive Investment Plan for FY2018 – FY2022 in preparation for development of the Alameda County Transportation Commission Fund Allocation Plan for FY2018 and FY2019 grant funds.

The New Funding Process: CTP, CIP, Allocation Plan



ATTACHMENT 3: City of Berkeley Transportation Projects Grouped by Bundles

Complete Streets Corridors Bundles

#	Bundle Name or Source Document	Project Identification	Detailed Project Description
San Pablo Corridor Bundle			
1	2015 Bike Plan Update	Virginia and San Pablo Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
4	2015 Bike Plan Update	Channing at San Pablo Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
6	2015 Bike Plan Update	Cedar at 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
14	2015 Bike Plan Update	San Pablo between Heinz and Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
15	2015 Bike Plan Update	Ashby and 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
30	Berkeley Bicycle Plan (1998, 2005)	Gilman from Ninth to San Pablo	Convert from Class III bicycle route to Class II bicycle lane; repave
37	Berkeley Bicycle Plan (1998, 2005)	San Pablo from Heinz to Russell	Convert to Bicycle Boulevard
42	Berkeley Bicycle Plan (1998, 2005)	Ninth from City of Albany to Camelia	Convert to Class III BB
43	Berkeley Bicycle Plan (1998, 2005)	Ninth from Camelia to Delaware	Convert from Class III to Class III BB
44	Berkeley Bicycle Plan (1998, 2005)	Ninth from Delaware to Bancroft	Convert to Class II
45	Berkeley Bicycle Plan (1998, 2005)	Ninth from Bancroft to Anthony	Convert to Class III BB
46	Berkeley Bicycle Plan (1998, 2005)	Ninth from Anthony to Emeryville Border	Convert to Class I path
68	Pedestrian Master Plan (2010)	12 - Corridor Improvement for San Pablo Ave from Addison Street to Bancroft Way	This improvement will install multiple pedestrian improvements along San Pablo Avenue from Addison to Bancroft
71	Pedestrian Master Plan (2010)	15 - Intersection Improvement for San Pablo Avenue and Delaware Street	This improvement will install multiple pedestrian improvements at the intersection of San Pablo Avenue and Delaware Street
82	Pedestrian Master Plan (2010)	25 - Intersection Improvement for San Pablo Avenue and Cedar Street	This improvement will install multiple pedestrian improvements at the intersection of San Pablo Avenue and Cedar Street
99	San Pablo Avenue Public Improvements Plan	Streetscape improvements for San Pablo Avenue in the City of Berkeley	Streetscape improvements from Haskell to Harrison including: New traffic signals, new crosswalks, remodel of existing crosswalks, crosswalk cut throughs at median and new paving for crosswalks
102	Signal Interconnect 5 year	San Pablo Avenue Signal Interconnect	Signal modernization and communications
138	West Berkeley Circulation Master Plan, 2008	Add Lane	Create additional EB/WB lanes on Dwight at San Pablo
140	West Berkeley Circulation Master Plan, 2008	Intersection Improvements	9th and Ashby intersection improvements: extend BB from 9th to connect to Emeryville Greenway
141	West Berkeley Circulation Master Plan, 2008	Add lane	Create additional WB lane on Gilman between San Pablo and Kains
147	West Berkeley Circulation Master Plan, 2008	Upgrade signals along SP	Upgrade signals (adaptive, emergency, transit, etc.) along WB arterials (Gilman, University, Ashby, 6th/7th and San Pablo)
148	West Berkeley Circulation Master Plan, 2008	Restripe	Restripe WB University at San Pablo to create new right turn lane and additional through lane
149	West Berkeley Circulation Master Plan, 2008	signal optimization	Implement a leading protected left phase for NB traffic at San Pablo and Dwight
161	West Berkeley Circulation Master Plan, 2008	Reduce speed	Reduce the speed limit on San Pablo to 30 mph
168	West Berkeley Circulation Master Plan, 2008	Restripe	Restripe Heinz and San Pablo to include additional WB lane

170	West Berkeley Circulation Master Plan, 2008	Add signal	Install signal at Harrison and San Pablo
173	West Berkeley Circulation Master Plan, 2008	Signalize	Signalize intersection of Heinz and San Pablo
176	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 3 (bike refuge median with no left and U turns along San Pablo) to Virginia and San Pablo
178	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment type 3 (bike refuge median with no left and U turns along San Pablo) to Channing and San Pablo
184	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 1 (signage and striping) to Cedar and 9th St.
185	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 1 (signage and striping) to Dwight and 9th St.
186	West Berkeley Circulation Master Plan, 2008	Connection	Improve connection between Russell Bike Blvd and Heinz Bike Blvd
189	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 1 (signage and striping) to Heinz and 9th St.
192	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Gilman	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
193	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Cedar	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
194	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Ashby	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
195	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Dwight	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
197	West Berkeley Circulation Master Plan, 2008	Automate Ped Signal	Remove pedestrian actuation from controller at University and San Pablo and make pedestrian walk phase with audible signal automatic on all legs
202	West Berkeley Circulation Master Plan, 2008	Flashing beacon	Install flashing pedestrian crossings at Jones along San Pablo
203	West Berkeley Circulation Master Plan, 2008	Audible Signal	Install audible signals along San Pablo at Gilman, Cedar, Delaware, Allston, Dwight, Grayson and Ashby and one at 6th and Hearst
204	West Berkeley Circulation Master Plan, 2008	Extend Median	Dwight, Grayson and Ashby and at 6th and Hearst Extend paved median along Cedar Street on east side of San Pablo to reach crosswalk
205	West Berkeley Circulation Master Plan, 2008	Implement Ped Scramble	Implement a pedestrian scramble phase at San Pablo and University
206	West Berkeley Circulation Master Plan, 2008	Segregated transit	Segregated transit lanes along SP
208	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and Ashby	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
209	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and Dwight	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
210	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and University	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
211	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and Gilman	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)

213	West Berkeley Circulation Master Plan, 2008	Upgrade high ridership AC Transit Stops	Upgrade high ridership AC Transit Stops based on San Pablo Corridor bus stop guidelines (Type A, C, D, and E stops)
215	West Berkeley Circulation Master Plan, 2008	Queue Jump	Install queue jump lanes along University Ave at San Pablo in EB and WB directions
220	West Berkeley Circulation Master Plan, 2008	Queue Jump	Install peak hour queue jump lanes along Gilman at San Pablo in EB and WB directions
223	West Berkeley Circulation Master Plan, 2008	Lighting	Cedar: Improve lighting at San Pablo bus stops (Cedar and Virginia)
224	West Berkeley Circulation Master Plan, 2008	Lighting	Virginia: Improve lighting at San Pablo bus stops (Cedar and Virginia)
225	West Berkeley Circulation Master Plan, 2008	Connections at Route 9	Improve connections and transfers of Route 9 and other transit services at San Pablo and Gilman
228	West Berkeley Circulation Master Plan, 2008	Rapid Stop	Add rapid stop at San Pablo and Cedar
231	West Berkeley Circulation Master Plan, 2008	Truck Route	SP: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
237	West Berkeley Circulation Master Plan, 2008	San Pablo Light Rail Line	This improvement will provide a light rail line along San Pablo Avenue, though it is uncertain and more dependent on the decisions of other agencies
239	City Council Referral	Ped Beacon at Sacramento and Bancroft	Ped Beacon at Sacramento and Bancroft as referred/budgetted at the April 7th meeting
University Avenue Corridor Bundle			
9	2015 Bike Plan Update	Milvia at University Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
21	Alameda Countywide Transportation Plan	Bay Trail Extension - Berkeley Marina	Class I Pathway
33	Berkeley Bicycle Plan (1998, 2005)	Hearst from California to Shattuck	Convert Class II to Class I
	Downtown Streets & Open Space Improvement Plan	Center Street Plaza & Greenway	Between Shattuck and Oxford, Center Street has extremely high volumes of foot traffic, and it is abutted by the site of the future University Art Museum / Pacific Film Archive. This street segment would be closed to regular traffic to create a plaza for public gathering and urban amenities. A water feature would raise awareness of the natural systems to which Downtown is connected – especially Strawberry Creek which runs into a culvert a short distance away on the UC Campus.
61	Downtown Streets & Open Space Improvement Plan	Shattuck Square and University Avenue	Putting through traffic on the west side of Shattuck Square would reduce congestion at University Avenue, but would also make the east side of Shattuck Square available for more on-street parking in the near term, and a plaza or slow street in the long term. On University Avenue from Shattuck to Oxford, sidewalks would be widened and accompanied by amenities and “rain gardens”.
64		1 - Corridor Improvement from San Pablo Ave to 6th Street	This improvement will install multiple pedestrian improvements at intersections along San Pablo Avenue, 6th, 7th, 8th, 9th, and 10th streets
65		16 - Uncontrolled Crossing Improvement at Shattuck Avenue and Berkeley Way	This improvement will install multiple pedestrian improvements at the intersection of Shattuck Avenue and Berkeley Way
72		17 - Intersection Improvement for University Avenue and Grant Street	This improvement will install multiple pedestrian improvements at the intersection of University Avenue and Grant Street

76	Pedestrian Master Plan (2010)	2 - Intersection Improvement for University Ave and Shattuck Ave	This improvement will install pedestrian improvements at the intersection of University Ave and Shattuck Ave
78	Pedestrian Master Plan (2010)	21 - Uncontrolled Crossing Improvement at University Avenue and McGee Avenue	This improvement will install multiple pedestrian improvements at the intersection of University Ave and McGee Ave
88	Pedestrian Master Plan (2010)	30 - Intersection Improvement at Addison Street and Jefferson Avenue	This improvement will install multiple pedestrian improvements at the intersection of Addison Street and Jefferson Avenue
93	Pedestrian Master Plan (2010)	4 - Corridor Improvement for Sacramento Street between Addison and University Ave	This improvement will install multiple pedestrian improvements along Sacramento Street from Addison Street to University Ave
94	Pedestrian Master Plan (2010)	5 - Corridor Improvement for Acton Street between Addison and University Ave	This improvement will install multiple pedestrian improvements along Acton Street between Addison Street and University Ave
95	Pedestrian Master Plan (2010)	6 - Corridor Improvement for Martin Luther King, Jr. from Allston to University Ave	This improvement will install multiple pedestrian improvements along MLK JR Way from Allston Way to University Ave
96	Pedestrian Master Plan (2010)	7 - Intersection Improvement for University Ave and Milvia Street	This improvement will install multiple pedestrian improvements at the intersection of University Ave and Milvia Street
101	Signal Interconnect 5 year	University Avenue Signal Interconnect	Signal modernization and communications
113	University Avenue Strategic Plan (1996)	University Avenue Electric Shuttle System	Work with AC Transit and U.C. to study the feasibility of creating a special University Avenue Electric Shuttle System. Implement the University Avenue Electric Shuttle System.
126	West Berkeley Circulation Master Plan, 2008	Demo	Open 5th St. (SB) at WB University
127	West Berkeley Circulation Master Plan, 2008	Peak Hour Travel Lane	Add peak hour auto travel lane by removing on-street parking along University between San Pablo and 6th
130	West Berkeley Circulation Master Plan, 2008	Signalize	Signalize University and West Frontage
134	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Hearst	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
135	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Addison	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
142	West Berkeley Circulation Master Plan, 2008	Add lane	Add 2nd NB left turn lane at 6th and University
143	West Berkeley Circulation Master Plan, 2008	Upgrade signals along University	Upgrade signals (adaptive, emergency, transit, etc.) along WB arterials (Gilman, University, Ashby, 6th/7th and San Pablo)
148	West Berkeley Circulation Master Plan, 2008	Restripe	Restripe WB University at San Pablo to create new right turn lane and additional through lane
153	West Berkeley Circulation Master Plan, 2008	Interchange Geometry	Create a full interchange design at University
154	West Berkeley Circulation Master Plan, 2008	Improve Intersection	Improve intersection at 4th and Hearst
155	West Berkeley Circulation Master Plan, 2008	Improve Intersection	4th and Allston Intersection Improvement
156	West Berkeley Circulation Master Plan, 2008	Improve Intersection	6th and Addison Intersection Improvement
157	West Berkeley Circulation Master Plan, 2008	Add lane	Add EB right turn pocket (~100') at Hearst and 6th
158	West Berkeley Circulation Master Plan, 2008	Add lane	Create additional EB/WB lane along Allston Way at 6th
163	West Berkeley Circulation Master Plan, 2008	Add ramp metering to University	Add ramp metering to Ashby, University and Gilman interchanges
166	West Berkeley Circulation Master Plan, 2008	improve off-ramp movement	Move stop control at Hearst and Eastshore to off-ramp movement and allow free movement on hearst/eastshore
172	West Berkeley Circulation Master Plan, 2008	signal optimization	Add dedicated left turn phase to NB/SB traffic at Hearst and 6th

174	West Berkeley Circulation Master Plan, 2008	Bike Blvd Addison	Create a bicycle boulevard along Addison Street or Allston connecting Downtown to the ped bike bridge (near University)
175	West Berkeley Circulation Master Plan, 2008	Bike Blvd Allison	Create a bicycle boulevard along Addison Street or Allston connecting Downtown to the ped bike bridge (near University)
191	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings	Improve ped crossing along university between 6th and 10th
197	West Berkeley Circulation Master Plan, 2008	Automate Ped Signal	Remove pedestrian actuation from controller at University and San Pablo and make pedestrian walk phase with audible signal automatic on all legs
205	West Berkeley Circulation Master Plan, 2008	Implement Ped Scramble	Implement a pedestrian scramble phase at San Pablo and University
210	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and University	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
215	West Berkeley Circulation Master Plan, 2008	Queue Jump	Install queue jump lanes along University Ave at San Pablo in EB and WB directions
216	West Berkeley Circulation Master Plan, 2008	Queue Jump	Install queue jump lanes along University Ave at 6th St. in the WB and EB direction
217	West Berkeley Circulation Master Plan, 2008	Peak Hour Transit Lane	Create peak hour transit only lane along University Ave. in EB and WB directions between Curtis and 5th Street by restricting parking (tow-away lane enforcement)
226	West Berkeley Circulation Master Plan, 2008	Stop Move	Move nearside SB AC Transit stop at Hearst and 6th to far side location
236	West Berkeley Circulation Master Plan, 2008	Truck Route	University: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
Gilman Avenue Corridor Bundle			
19	Alameda Countywide Transportation Plan	I-80 Gilman Street Interchange Improvements	Gilman interchange multimodal freeway interchange project.
22	Alameda Countywide Transportation Plan	Railroad Crossing improvements at Gilman	Gilman grade separation at UP RR track ROW.
29	Berkeley Bicycle Plan (1998, 2005)	Gilman from West Frontage to Ninth	Convert from Class III bicycle route to Class II bicycle lane
30	Berkeley Bicycle Plan (1998, 2005)	Gilman from Ninth to San Pablo	Convert from Class III bicycle route to Class II bicycle lane; repave
31	Berkeley Bicycle Plan (1998, 2005)	Gilman from San Pablo to Curtis	Convert from Class 2.5 bicycle boulevard to Class II
42	Berkeley Bicycle Plan (1998, 2005)	Ninth from City of Albany to Camelia	Convert to Class III BB
85	Pedestrian Master Plan (2010)	28 - Safe Routes to School at Sacramento Street and Rose Street	This improvement will install multiple pedestrian improvements at the intersection of Sacramento Street and Rose Street
86	Pedestrian Master Plan (2010)	29 - Intersection Improvement at Gilman Street and Santa Fe Avenue	This improvement will install multiple pedestrian improvements at the intersection of Gilman Street and Santa Fe Avenue
92	Pedestrian Master Plan (2010)	34 - Intersection Improvement at Gilman Street and Curtis Street	This improvement will install multiple pedestrian improvements at the intersection of Gilman Street and Curtis Street
100	Signal Interconnect 5 year	Gilman Street Signal Interconnect	Signal modernization and communications
123	West Berkeley Circulation Master Plan, 2008	Grade Separation	Grade separate Gilman railroad crossing
124	West Berkeley Circulation Master Plan, 2008	Intersection Geometry	Construct dual roundabouts at Gilman Interchange
131	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Camelia	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
139	West Berkeley Circulation Master Plan, 2008	Improve access	Improve 4th street access from Gilman to commercial district through repaving and new LT pocket at Gilman and 4th
141	West Berkeley Circulation Master Plan, 2008	Add lane	Create additional WB lane on Gilman between San Pablo and Kains

144	West Berkeley Circulation Master Plan, 2008	Upgrade signals along Gilman	Upgrade signals (adaptive, emergency, transit, etc.) along WB arterials (Gilman, University, Ashby, 6th/7th and San Pablo)
162	West Berkeley Circulation Master Plan, 2008	Add ramp metering to Gilman	Add ramp metering to Ashby, University and Gilman interchanges
170	West Berkeley Circulation Master Plan, 2008	Add signal	Install signal at Harrison and San Pablo
187	West Berkeley Circulation Master Plan, 2008	Bike Boxes at Gilman and 6th	Add bike boxes at Gilman and 8th and Gilman and 6th intersections
188	West Berkeley Circulation Master Plan, 2008	Bike Boxes at 8th and Gilman	Add bike boxes at Gilman and 8th and Gilman and 6th intersections
192	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Gilman	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
198	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings	Improve pedestrian crossings along Gilman between 5th and 10th
211	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and Gilman	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
220	West Berkeley Circulation Master Plan, 2008	Queue Jump	Install peak hour queue jump lanes along Gilman at San Pablo in EB and WB directions
225	West Berkeley Circulation Master Plan, 2008	Connections at Route 9	Improve connections and transfers of Route 9 and other transit services at San Pablo and Gilman
235	Alameda Countywide Transportation Plan	Truck Route	Gilman: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
Ashby Avenue Corridor Bundle			
2	2015 Bike Plan Update	Shattuck at Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
3	2015 Bike Plan Update	Hillgass at Ashby Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
13	2015 Bike Plan Update	Sacramento and Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
14	2015 Bike Plan Update	San Pablo between Heinz and Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
15	2015 Bike Plan Update	Ashby and 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
17	2015 Bike Plan Update	Milvia at Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
36	Berkeley Bicycle Plan (1998, 2005)	Heinz from 7th to San Pablo	Convert to Bicycle Boulevard
37	Berkeley Bicycle Plan (1998, 2005)	San Pablo from Heinz to Russell	Convert to Bicycle Boulevard
38	Berkeley Bicycle Plan (1998, 2005)	Russell from San Pablo to Claremont	Convert to Bicycle Boulevard
46	Berkeley Bicycle Plan (1998, 2005)	Ninth from Anthony to Emeryville Border	Convert to Class I path
50	Berkeley Bicycle Plan (1998, 2005)	Russell from King to Adeline	Convert to Class III BB
74	Pedestrian Master Plan (2010)	18 - Corridor Improvement for College Ave between Russell St and Ashby Ave	This improvement will install multiple pedestrian improvements along College Avenue from Russell to Ashby
83	Pedestrian Master Plan (2010)	26 - Intersection Improvement for Telegraph Ave and Ashby Ave	This improvement will install multiple pedestrian improvements at the intersection of Telegraph Ave and Ashby Ave
89	Pedestrian Master Plan (2010)	31 - Intersection Improvement at Sacramento Street and Oregon Street	This improvement will install multiple pedestrian improvements at the intersection of Sacramento Street and Oregon Street
97	Pedestrian Master Plan (2010)	8 - Corridor Improvement for Ashby Avenue from California Ave to San Pablo Ave	This improvement will install multiple pedestrian improvements along Ashby Avenue from California Street to San Pablo

106	Signal Interconnect 5 year	Ashby Avenue Signal Interconnect	Signal modernization and communications
125	West Berkeley Circulation Master Plan, 2008	Pave	Extend/pave 5th between Potter and Ashby
129	West Berkeley Circulation Master Plan, 2008	Widen approach	Widen WB approach at Ashby and San Pablo to create dedicated left turn lane
137	West Berkeley Circulation Master Plan, 2008	Extend Lane	Extend Ashby EB left turn bay at 7th by 150'
145	West Berkeley Circulation Master Plan, 2008	Upgrade signals along Ashby	Upgrade signals (adaptive, emergency, transit, etc.) along WB arterials (Gilman, University, Ashby, 6th/7th and San Pablo)
150	West Berkeley Circulation Master Plan, 2008	Replace interchange	Replace Ashby interchange (partial cloverleaf/diamond or roundabout design)
151	West Berkeley Circulation Master Plan, 2008	Add lane	Create two WB lanes on Heinz (Through/Right and Left only) at 7th
152	West Berkeley Circulation Master Plan, 2008	Add lane	Add additional SB lane between Heinz and Anthony on 7th
164	West Berkeley Circulation Master Plan, 2008	Add ramp metering to Ashby	Add ramp metering to Ashby, University and Gilman interchanges
168	West Berkeley Circulation Master Plan, 2008	Restripe	Restripe Heinz and San Pablo to include additional WB lane
173	West Berkeley Circulation Master Plan, 2008	Signalize	Signalize intersection of Heinz and San Pablo
186	West Berkeley Circulation Master Plan, 2008	Connection	Improve connection between Russell Bike Blvd and Heinz Bike Blvd
189	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 1 (signage and striping) to Heinz and 9th St.
190	West Berkeley Circulation Master Plan, 2008	Loop Detection	Add bike loop detectors to signal at Heinz and 7th St.
194	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Ashby	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
208	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and Ashby	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
227	West Berkeley Circulation Master Plan, 2008	Stop Move	Move nearside SB AC Transit stop at Anthony and 7th to far side location of Heinz and 7th
234	West Berkeley Circulation Master Plan, 2008	Truck Route	Ashby: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
College Avenue Corridor Bundle			
3	2015 Bike Plan Update	Hillegass at Ashby Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
58	Berkeley Bicycle Plan (1998, 2005)	Bowditch from Bancroft to Dwight	Convert to Class III BB
59	Berkeley Bicycle Plan (1998, 2005)	Hillegass from Dwight to Woolsey	Convert to Class III BB
74	Pedestrian Master Plan (2010)	18 - Corridor Improvement for College Ave between Russell St and Ashby Ave	This improvement will install multiple pedestrian improvements along College Avenue from Russell to Ashby
242	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft/College	High Hazard Intersection Improvement Bancroft/College
244	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft and Bowditch	High Hazard Intersection Improvement Bancroft and Bowditch
Telegraph Avenue Corridor Bundle			
57	Berkeley Bicycle Plan (1998, 2005)	Telegraph from Bancroft to Woolsey	Convert to Class IV Cycletrack
58	Berkeley Bicycle Plan (1998, 2005)	Bowditch from Bancroft to Dwight	Convert to Class III BB
83	Pedestrian Master Plan (2010)	26 - Intersection Improvement for Telegraph Ave and Ashby Ave	This improvement will install multiple pedestrian improvements at the intersection of Telegraph Ave and Ashby Ave
84	Pedestrian Master Plan (2010)	27 - Intersection Improvement for Telegraph Ave and Parker Street	This improvement will install multiple pedestrian improvements at the intersection of Telegraph Ave and Parker Street

241	Southside Plan Policy T-D4	High Hazard Intersection Improvement Durant/Telegraph	High Hazard Intersection Improvement Durant/Telegraph	High Hazard Intersection Improvement Durant/Telegraph
243	Southside Plan Policy T-D4	High Hazard Intersection Improvement Dwight/Telegraph	High Hazard Intersection Improvement Dwight/Telegraph	High Hazard Intersection Improvement Dwight/Telegraph
245	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft/Dana	High Hazard Intersection Improvement Bancroft/Dana	High Hazard Intersection Improvement Bancroft/Dana
246	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft/Telegraph	High Hazard Intersection Improvement Bancroft/Telegraph	High Hazard Intersection Improvement Bancroft/Telegraph
247	Southside Plan Policy T-D4	High Hazard Intersection Improvement Parker/Telegraph	High Hazard Intersection Improvement Parker/Telegraph	High Hazard Intersection Improvement Parker/Telegraph
248	Southside Plan Policy T-C4	Pave Telegraph Ave Sidewalks. Add ADA Ramps to all intersections. Install Ped Level lighting.	Pave Telegraph Ave Sidewalks. Add ADA Ramps to all intersections. Install Ped Level lighting.	Pave Telegraph Ave Sidewalks. Add ADA Ramps to all intersections. Install Ped Level lighting.
Shattuck Avenue Corridor Bundle				
2	2015 Bike Plan Update	Shattuck at Russell Intersection Improvement	Shattuck at Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
7	2015 Bike Plan Update	Virginia at MLK Intersection Improvement	Virginia at MLK Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
8	2015 Bike Plan Update	Virginia at Shattuck Intersection Improvement	Virginia at Shattuck Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
9	2015 Bike Plan Update	Milvia at University Intersection Improvement	Milvia at University Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
17	2015 Bike Plan Update	Milvia at Russell Intersection Improvement	Milvia at Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
20	Alameda Countywide Transportation Plan	Downtown Berkeley Transit Center	Downtown Berkeley Transit Center	layover and bus operations center
27	Berkeley Bicycle Plan (1998, 2005)	Adeline from Shattuck to MLK	Adeline from Shattuck to MLK	Convert to Class II Bicycle Lane
51	Berkeley Bicycle Plan (1998, 2005)	Milvia from Hopkins to Hearst	Milvia from Hopkins to Hearst	Convert to Class III BB
52	Berkeley Bicycle Plan (1998, 2005)	Milvia from Hearst to Dwight	Milvia from Hearst to Dwight	Convert to Class IV Cycletrack
53	Berkeley Bicycle Plan (1998, 2005)	Milvia from Dwight to Russell	Milvia from Dwight to Russell	Convert to Class III BB
54	Berkeley Bicycle Plan (1998, 2005)	Oxford from Hearst to Kitteridge	Oxford from Hearst to Kitteridge	Convert to Class II Bicycle Lane
55	Berkeley Bicycle Plan (1998, 2005)	Fulton from Kittredge to Durant	Fulton from Kittredge to Durant	Convert to Class II Bicycle Lane
56	Berkeley Bicycle Plan (1998, 2005)	Fulton from Durant to Dwight	Fulton from Durant to Dwight	Convert to Class II Bicycle Lane
61	Downtown Streets & Open Space Improvement Plan	Center Street Plaza & Greenway	Center Street Plaza & Greenway	Between Shattuck and Oxford, Center Street has extremely high volumes of foot traffic, and it is abutted by the site of the future University Art Museum / Pacific c Film Archive. This street segment would be closed to regular traffic to create a plaza for public gathering and urban amenities. A water feature would raise awareness of the natural systems to which Downtown is connected — especially Strawberry Creek which runs into a culvert a short distance away on the UC Campus.

62	Downtown Streets & Open Space Improvement Plan	Shattuck and Park Blocks	Shattuck's wide right-of-way makes dramatic transformations possible. A linear "park block" between Allston & Kittredge would provide active uses, amenities, trees and landscaping near BART and Downtown Cinemas. Between Durant and Haste, park blocks would provide activities and recreational options for area residents. Sidewalks would be widened where park blocks are absent, and would be accompanied by amenities and "rain gardens" to hold and remove pollutants from the urban runoff that washes off of streets. New bike lanes would offer easy access to local destinations and enhance safety.
64	Downtown Streets & Open Space Improvement Plan	Shattuck Square and University Avenue	Putting through traffic on the west side of Shattuck Square would reduce congestion at University Avenue, but would also make the east side of Shattuck Square available for more on-street parking in the near term, and a plaza or slow street in the long term. On University Avenue from Shattuck to Oxford, sidewalks would be widened and accompanied by amenities and "rain gardens".
66	Pedestrian Master Plan (2010)	10 - Corridor Improvement for Shattuck Ave from Vine Street to Hearst Avenue	This improvement will install multiple pedestrian improvements along Shattuck Avenue from Vine Street to Hearst Avenue
67	Pedestrian Master Plan (2010)	11 - Corridor Improvement for Shattuck Ave from Russell Street to Ward Street	This improvement will install multiple pedestrian improvements along Shattuck Avenue from Russell Street to Ward Street
69	Pedestrian Master Plan (2010)	13 - Intersection Improvement at Bancroft Way and Oxford/Fulton Street	This improvement will install multiple pedestrian improvements at the intersection of Bancroft Way at Oxford/Fulton Street
72	Pedestrian Master Plan (2010)	16 - Uncontrolled Crossing Improvement at Shattuck Avenue and Berkeley Way	This improvement will install multiple pedestrian improvements at the intersection of Shattuck Avenue and Berkeley Way
75	Pedestrian Master Plan (2010)	19 - Intersection Improvement at The Alameda/MLK Jr Way and Hopkins Street	This improvement will install multiple pedestrian improvements at the intersection of The Alameda/MLK Jr Way and Hopkins Street
76	Pedestrian Master Plan (2010)	2 - Intersection Improvement for University Ave and Shattuck Ave	This improvement will install pedestrian improvements at the intersection of University Ave and Shattuck Ave
77	Pedestrian Master Plan (2010)	20 - Intersection Improvement for Shattuck Avenue and Woolsey Street	This improvement will install multiple pedestrian improvements at the intersection of Shattuck Avenue and Woolsey Street
79	Pedestrian Master Plan (2010)	22 - Mid-Block Crosswalk Improvement Project at Dwight Way and Alta Bates Hospital	This improvement will install multiple pedestrian improvements at the intersection of Dwight Way and Alta Bates Hospital
87	Pedestrian Master Plan (2010)	3 - Safe Routes to Transit for Ashby BART Station Area	This improvement will install pedestrian improvements around the Ashby BART Station
95	Pedestrian Master Plan (2010)	6 - Corridor Improvement for Martin Luther King, Jr. from Allston to University Ave	This improvement will install multiple pedestrian improvements along MLK Jr Way from Allston Way to University Ave
96	Pedestrian Master Plan (2010)	7 - Intersection Improvement for University Ave and Milvia Street	This improvement will install multiple pedestrian improvements at the intersection of University Ave and Milvia Street

107	South Shattuck Strategic Plan (1998)	Pedestrian Safety and Access Improvements	<p>Study options to improve pedestrian safety on Shattuck from Ward to Russell</p> <p>Study and implement a change that would facilitate pedestrian crossing on Shattuck between Ward and Stuart</p> <p>Study options to improve circulation at the intersection of Shattuck and Adeline, possibly with the use of a roundabout</p> <p>Study options to reduce the amount of traffic on Shattuck between Wald and Ashby</p> <p>Study options to improve ability of pedestrians and bicyclists to cross Adeline and Shattuck</p> <p>Target Shattuck for Speeding enforcement</p> <p>Study options for narrowing Adeline Street from 3 to 2 lanes</p>
108	South Shattuck Strategic Plan (1998)	Identify Acceptable parking configurations to support the recruitment on new businesses	<p>Develop a parking plan that includes consolidated on-or off-street parking</p> <p>Incorporate parking standards into the design review and permit approval process</p> <p>Study impacts of instituting a parking time limit along Shattuck and Adeline</p> <p>Study methods to increase the supply of on- and off- street parking between Shattuck and (document cuts off)</p> <p>Work with business owners with many customers to maximize the use of parking areas that do not abut residential areas</p>
109	South Shattuck Strategic Plan (1998)	Make Circulation system improvements which direct non-local traffic away from residential neighborhoods, minimize spillover from one neighborhood to another, and allow resident access to major arterials	<p>Determine locations and develop a low maintenance design for two traffic circles</p> <p>Implement a Citywide truck route system</p> <p>Enforce the posted five ton truck weight limit</p> <p>Continue to implement the U.C. neighborhoods plan</p> <p>Monitor future traffic patterns around the new Berkeley Bowl site.</p> <p>Redo 1996 traffic counts as needed</p>
110	South Shattuck Strategic Plan (1998)	Support alternatives to the automobile by developing and implementing policies which encourage non-automobile travel	<p>Include elements to encourage non-auto travel in the Public Improvements Plan (See U.D. 1.b.)</p> <p>Complete Bicycle Plan and implement recommended improvements along South Shattuck corridor as "bicycle friendly" demonstration project.</p> <p>Continue City efforts to work with AC Transit to maintain adequate bus service</p> <p>Work with residents and merchants to define transit needs for South Shattuck</p>
Adeline Avenue Corridor Bundle			
2	2015 Bike Plan Update	Shattuck at Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
16	2015 Bike Plan Update	Alcatraz and King Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
17	2015 Bike Plan Update	Milvia at Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.

27	Berkeley Bicycle Plan (1998, 2005)	Adeline from Shattuck to MLK	Convert to Class II Bicycle Lane
28	Berkeley Bicycle Plan (1998, 2005)	Adeline from MLK to King	Convert to Class IV Cycletrack
67	Pedestrian Master Plan (2010)	11 - Corridor Improvement for Shattuck Ave from Russell Street to Ward Street	This improvement will install multiple pedestrian improvements along Shattuck Avenue from Russell Street to Ward
77	Pedestrian Master Plan (2010)	20 - Intersection Improvement for Shattuck Avenue and Woolsey Street	This improvement will install multiple pedestrian improvements at the intersection of Shattuck Avenue and Woolsey Street
80	Pedestrian Master Plan (2010)	23 - Intersection Improvement Project at Alcatraz Avenue and California Street	This improvement will install multiple pedestrian improvements at the intersection of Alcatraz Avenue and California Street
87	Pedestrian Master Plan (2010)	3 - Safe Routes to Transit for Ashby BART Station Area	This improvement will install pedestrian improvements around the Ashby BART Station
98	Pedestrian Master Plan (2010)	9 - Intersection Improvement for Alcatraz Avenue and Adeline Street	This improvement will install multiple pedestrian improvements at the intersection of Alcatraz Avenue and Adeline Street
107	South Shattuck Strategic Plan (1998)	Pedestrian Safety and Access Improvements	Study options to improve pedestrian safety on Shattuck from Ward to Russell Study and implement a change that would facilitate pedestrian crossing on Shattuck between Ward and Stuart Study options to improve circulation at the intersection of Shattuck and Adeline, possibly with the use of a roundabout Study options to reduce the amount of traffic on Shattuck between Wald and Ashby Study options to improve ability of pedestrians and bicyclists to cross Adeline and Shattuck Target Shattuck for Speeding enforcement Study options for narrowing Adeline Street from 3 to 2 lanes
108	South Shattuck Strategic Plan (1998)	Identify Acceptable parking configurations to support the recruitment on new businesses	Develop a parking plan that includes consolidated on-or off-street parking Incorporate parking standards into the design review and permit approval process Study impacts of instituting a parking time limit along Shattuck and Adeline between Shattuck and (document cuts off) Work with business owners with many customers to maximize the use of parking areas that do not abut residential areas
109	South Shattuck Strategic Plan (1998)	Make Circulation system improvements which direct non-local traffic away from residential neighborhoods, minimize spillover from one neighborhood to another, and allow resident access to major arterials	Determine locations and develop a low maintenance design for two traffic circles Implement a Citywide truck route system Enforce the posted five ton truck weight limit Continue to implement the U.C. neighborhoods plan Monitor future traffic patterns around the new Berkeley Bowl site. Redo 1996 traffic counts as needed

110	South Shattuck Strategic Plan (1998)	Support alternatives to the automobile by developing and implementing policies which encourage non-automobile travel	Include elements to encourage non-auto travel in the Public Improvements Plan (See U.D. 1.b.) Complete Bicycle Plan and implement recommended improvements along South Shattuck corridor as "bicycle friendly" demonstration project. Continue City efforts to work with AC Transit to maintain adequate bus service Work with residents and merchants to define transit needs for South Shattuck
	Sacramento Avenue Corridor Bundle		
5	2015 Bike Plan Update	Channing at Sacramento Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
11	2015 Bike Plan Update	Virginia and Sacramento Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
12	2015 Bike Plan Update	California and Dwight Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
13	2015 Bike Plan Update	Sacramento and Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
47	Berkeley Bicycle Plan (1998, 2005)	California from Hopkins to Cedar	Convert to Class III BB
48	Berkeley Bicycle Plan (1998, 2005)	California from Cedar to Dwight	Convert to Class II Bicycle Lane
49	Berkeley Bicycle Plan (1998, 2005)	California from Dwight to Russell	Convert to Class III BB
80	Pedestrian Master Plan (2010)	23 - Intersection Improvement Project at Alcatraz Avenue and California Street	This improvement will install multiple pedestrian improvements at the intersection of Alcatraz Avenue and California Street
81	Pedestrian Master Plan (2010)	24 - Safe Routes to Transit at North Berkeley BART Station Area	This improvement will install multiple pedestrian improvements at the North Berkeley BART Station Area
85	Pedestrian Master Plan (2010)	28 - Safe Routes to School at Sacramento Street and Rose Street	This improvement will install multiple pedestrian improvements at the intersection of Sacramento Street and Rose Street
89	Pedestrian Master Plan (2010)	31 - Intersection Improvement at Sacramento Street and Oregon Street	This improvement will install multiple pedestrian improvements at the intersection of Sacramento Street and Oregon Street
93	Pedestrian Master Plan (2010)	4 - Corridor Improvement for Sacramento Street between Addison and University Ave	This improvement will install multiple pedestrian improvements along Sacramento Street from Addison Street to University Ave
94	Pedestrian Master Plan (2010)	5 - Corridor Improvement for Acton Street between Addison and University Ave	This improvement will install multiple pedestrian improvements along Acton Street between Addison Street and University Ave
241	Southside Plan Policy T-D4	High Hazard Intersection Improvement Durant/Telegraph	High Hazard Intersection Improvement Durant/Telegraph
	Dwight Avenue Corridor Bundle		
4	2015 Bike Plan Update	Channing at San Pablo Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
5	2015 Bike Plan Update	Channing at Sacramento Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
10	2015 Bike Plan Update	Channing and 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
12	2015 Bike Plan Update	California and Dwight Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
24	Berkeley Bicycle Plan (1998, 2005)	Channing from 4th to Ninth	Add Bicycle Boulevard

25	Berkeley Bicycle Plan (1998, 2005)	Channing from Ninth to MLK	Add Bicycle Boulevard
26	Berkeley Bicycle Plan (1998, 2005)	Channing from MLK to Bowditch	Class II to Class IV Cycletrack
35	Berkeley Bicycle Plan (1998, 2005)	Bancroft from Fulton to College	No existing bike way to Class IV Cycle Track
56	Berkeley Bicycle Plan (1998, 2005)	Fulton from Durant to Dwight	Convert to Class II Bicycle Lane
58	Berkeley Bicycle Plan (1998, 2005)	Bowditch from Bancroft to Dwight	Convert to Class III BB
69	Pedestrian Master Plan (2010)	13 - Intersection Improvement at Bancroft Way and Oxford/Fulton Street	This improvement will install multiple pedestrian improvements at the intersection of Bancroft Way at Oxford/Fulton Street
79	Pedestrian Master Plan (2010)	22 - Mid-Block Crosswalk Improvement Project at Dwight Way and Alta Bates Hospital	This improvement will install multiple pedestrian improvements at the intersection of Dwight Way and Alta Bates Hospital
84	Pedestrian Master Plan (2010)	27 - Intersection Improvement for Telegraph Ave and Parker Street	This improvement will install multiple pedestrian improvements at the intersection of Telegraph Ave and Parker Street
105	Signal Interconnect 5 year	Dwight Avenue Signal Interconnect	Signal modernization and communications
111	South Side Plan-Two-way Street Conversion Evaluation (2014)	Convert Dana Street and Ellsworth Street from one-way to two-way operation between Dwight Way and Bancroft Way	Convert Dana Street from a one-way street to a two-way street consistent with Southside Plan Policy T-C2, to improve its safety and functionality as a bike route. The street conversion could either a) incorporate a northbound bike lane while southbound riders would travel in a shared lane or b) incorporate bike lanes in both directions with the removal of on-street parking. Ellsworth Street, the one-way couplet pair to Dana Street, should also be converted to a two-way street which is consistent with Southside Plan Policy T-D1.
112	Southside Plan (2011)	T-D2 - Consider conversion of Bancroft and Durant to two-way streets between Shattuck Ave and Piedmont Ave	This improvement will consider converting Bancroft and Durant to two-way streets with restrictions on automobile through movements at Telegraph. Plan with AC Transit based on transit impacts and traffic circulation this would cause.
136	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Bancroft	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
138	West Berkeley Circulation Master Plan, 2008	Add Lane	Create additional EB/WB lanes on Dwight at San Pablo
149	West Berkeley Circulation Master Plan, 2008	signal optimization	Implement a leading protected left phase for NB traffic at San Pablo and Dwight
159	West Berkeley Circulation Master Plan, 2008	Add lane	Create additional NB/SB left turn lane along 6th at Channing
178	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment type 3 (bike refuge median with no left and U turns along San Pablo) to Channing and San Pablo
180	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 4 (partial signal phase - HAWK) to 6th and Channing
185	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 1 (signage and striping) to Dwight and 9th St.
195	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Dwight	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps

200	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings	Improve pedestrian crossings along Dwight Way between 4th and 10th and SB)
209	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and Dwight	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
221	West Berkeley Circulation Master Plan, 2008	Transbay Service	Add AC Transit Transbay service along Dwight Way that could connect directly to Telegraph and UC Berkeley
240	City Council Referral	Traffic Improvements at San Pablo and Cedar. LH Turn lane onto northbound San Pablo	Traffic Improvements at San Pablo and Cedar. LH Turn lane onto northbound San Pablo as referred by Councilmember Maio.
241	Southside Plan Policy T-D4	High Hazard Intersection Improvement Durant/Telegraph	High Hazard Intersection Improvement Durant/Telegraph
242	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft/College	High Hazard Intersection Improvement Bancroft/College
243	Southside Plan Policy T-D4	High Hazard Intersection Improvement Dwight/Telegraph	High Hazard Intersection Improvement Dwight/Telegraph
244	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft and Bowditch	High Hazard Intersection Improvement Bancroft and Bowditch
245	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft/Dana	High Hazard Intersection Improvement Bancroft/Dana
246	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft/Telegraph	High Hazard Intersection Improvement Bancroft/Telegraph
247	Southside Plan Policy T-D4	High Hazard Intersection Improvement Parker/Telegraph	High Hazard Intersection Improvement Parker/Telegraph
248	Southside Plan Policy T-C4	Pave Telegraph Ave Sidewalks. Add ADA Ramps to all intersections. Install Ped Level Lighting.	Pave Telegraph Ave Sidewalks. Add ADA Ramps to all intersections. Install Ped Level Lighting.

ATTACHMENT 3: City of Berkeley Transportation Projects Grouped by Bundles

Multimodal Enhancement Areas Programs Bundles

#	Bundle Name or Source Document	Project Identification	Detailed Project Description
Downtown Area Bundle			
9	2015 Bike Plan Update	Milvia at University Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
20	Alameda Countywide Transportation Plan	Downtown Berkeley Transit Center	layover and bus operations center
52	Berkeley Bicycle Plan (1998, 2005)	Milvia from Hearst to Dwight	Convert to Class IV Cycletrack
54	Berkeley Bicycle Plan (1998, 2005)	Oxford from Hearst to Kitteridge	Convert to Class II Bicycle Lane
55	Berkeley Bicycle Plan (1998, 2005)	Fulton from Kitteridge to Durant	Convert to Class II Bicycle Lane
56	Berkeley Bicycle Plan (1998, 2005)	Fulton from Durant to Dwight	Convert to Class II Bicycle Lane
61	Downtown Streets & Open Space Improvement Plan	Center Street Plaza & Greenway	Between Shattuck and Oxford, Center Street has extremely high volumes of foot traffic, and it is abutted by the site of the future University Art Museum / Pacific c Film Archive. This street segment would be closed to regular traffic to create a plaza for public gathering and urban amenities. A water feature would raise awareness of the natural systems to which Downtown is connected – especially Strawberry Creek which runs into a culvert a short distance away on the UC Campus.
62	Downtown Streets & Open Space Improvement Plan	Shattuck and Park Blocks	Shattuck's wide right-of-way makes dramatic transformations possible. A linear "park block" between Alston & Kitteridge would provide active uses, amenities, trees and landscaping near BART and Downtown cinemas. Between Durant and Haste, park blocks would provide activities and recreational options for area residents. Sidewalks would be widened where park blocks are absent, and would be accompanied by amenities and "rain gardens" to hold and remove pollutants from the urban runoff that washes off of streets. New bike lanes would offer easy access to local destinations and enhance safety.
64	Downtown Streets & Open Space Improvement Plan	Shattuck Square and University Avenue	Putting through traffic c on the west side of Shattuck Square would reduce congestion at University Avenue, but would also make the east side of Shattuck Square available for more on-street parking in the near term, and a plaza or slow street in the long term. On University Avenue from Shattuck to Oxford, sidewalks would be widened and accompanied by amenities and "rain gardens".
69	Pedestrian Master Plan (2010)	13 - Intersection Improvement at Bancroft Way and Oxford/Fulton Street	This improvement will install multiple pedestrian improvements at the intersection of Bancroft Way at Oxford/Fulton Street
72	Pedestrian Master Plan (2010)	16 - Uncontrolled Crossing Improvement at Shattuck Avenue and Berkeley Way	This improvement will install multiple pedestrian improvements at the intersection of Shattuck Avenue and Berkeley Way
76	Pedestrian Master Plan (2010)	2 - Intersection Improvement for University Ave and Shattuck Ave	This improvement will install pedestrian improvements at the intersection of University Ave and Shattuck Ave
79	Pedestrian Master Plan (2010)	22 - Mid-Block Crosswalk Improvement Project at Dwight Way and Alta Bates Hospital	This improvement will install multiple pedestrian improvements at the intersection of Dwight Way and Alta Bates Hospital
95	Pedestrian Master Plan (2010)	6 - Corridor Improvement for Martin Luther King, Jr. from Allston to University Ave	This improvement will install multiple pedestrian improvements along MLK JR Way from Allston Way to University Ave

96	Pedestrian Master Plan (2010)	7 - Intersection Improvement for University Ave and Milvia Street	This improvement will install multiple pedestrian improvements at the intersection of University Ave and Milvia Street
Southside Area Bundle			
35	Berkeley Bicycle Plan (1998, 2005)	Bancroft from Fulton to College	No existing bike way to Class IV Cycle Track
55	Berkeley Bicycle Plan (1998, 2005)	Fulton from Kittredge to Durant	Convert to Class II Bicycle Lane
56	Berkeley Bicycle Plan (1998, 2005)	Fulton from Durant to Dwight	Convert to Class II Bicycle Lane
58	Berkeley Bicycle Plan (1998, 2005)	Bowditch from Bancroft to Dwight	Convert to Class III BB
69	Pedestrian Master Plan (2010)	13 - Intersection Improvement at Bancroft Way and Oxford/Fulton Street	This improvement will install multiple pedestrian improvements at the intersection of Bancroft Way at Oxford/Fulton Street
79	Pedestrian Master Plan (2010)	22 - Mid-Block Crosswalk Improvement Project at Dwight Way and Alta Bates Hospital	This improvement will install multiple pedestrian improvements at the intersection of Dwight Way and Alta Bates Hospital
84	Pedestrian Master Plan (2010)	27 - Intersection Improvement for Telegraph Ave and Parker Street	This improvement will install multiple pedestrian improvements at the intersection of Telegraph Ave and Parker Street
111	South Side Plan-Two-way Street Conversion Evaluation (2014)	Convert Dana Street and Ellsworth Street from one-way to two-way operation between Dwight Way and Bancroft Way	Convert Dana Street from a one-way street to a two-way street consistent with Southside Plan Policy T-C2, to improve its safety and functionality as a bike route. The street conversion could either a) incorporate a northbound bike lane while southbound riders would travel in a shared lane or b) incorporate bike lanes in both directions with the removal of on-street parking. Ellsworth Street, the one-way couplet pair to Dana Street, should also be converted to a two-way street which is consistent with
112	Southside Plan (2011)	T-D2 - Consider conversion of Bancroft and Durant to two-way streets between Shattuck Ave and Piedmont Ave	This improvement will consider converting Bancroft and Durant to two-way streets with restrictions on automobile through movements at Telegraph. Plan with AC Transit based on transit impacts and traffic circulation this would cause.
241	Southside Plan Policy T-D4	High Hazard Intersection Improvement Durant/Telegraph	High Hazard Intersection Improvement Durant/Telegraph
242	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft/College	High Hazard Intersection Improvement Bancroft/College
243	Southside Plan Policy T-D4	High Hazard Intersection Improvement Dwight/Telegraph	High Hazard Intersection Improvement Dwight/Telegraph
244	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft and Bowditch	High Hazard Intersection Improvement Bancroft and Bowditch
245	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft/Dana	High Hazard Intersection Improvement Bancroft/Dana
246	Southside Plan Policy T-D4	High Hazard Intersection Improvement Bancroft/Telegraph	High Hazard Intersection Improvement Bancroft/Telegraph
247	Southside Plan Policy T-D4	High Hazard Intersection Improvement Parker/Telegraph	High Hazard Intersection Improvement Parker/Telegraph
248	Southside Plan Policy T-C4	Pave Telegraph Ave Sidewalks. Add ADA Ramps to all intersections. Install Ped Level lighting.	Pave Telegraph Ave Sidewalks. Add ADA Ramps to all intersections. Install Ped Level lighting.
West Berkeley Area Bundle			

1	2015 Bike Plan Update	Virginia and San Pablo Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
4	2015 Bike Plan Update	Channing at San Pablo Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
6	2015 Bike Plan Update	Cedar at 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
10	2015 Bike Plan Update	Channing and 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
15	2015 Bike Plan Update	Ashby and 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
19	Alameda Countywide Transportation Plan	I-80 Gilman Street Interchange Improvements	Gilman interchange multimodal freeway interchange project.
21	Alameda Countywide Transportation Plan	Bay Trail Extension - Berkeley Marina	Class I Pathway
22	Alameda Countywide Transportation Plan	Railroad Crossing Improvements at Gilman	Gilman grade separation at UP RR track ROW.
24	Berkeley Bicycle Plan (1998, 2005)	Channing from 4th to Ninth	Add Bicycle Boulevard
29	Berkeley Bicycle Plan (1998, 2005)	Gilman from West Frontage to Ninth	Convert from Class III bicycle route to Class II bicycle lane
30	Berkeley Bicycle Plan (1998, 2005)	Gilman from Ninth to San Pablo	Convert from Class III bicycle route to Class II bicycle lane; repave
36	Berkeley Bicycle Plan (1998, 2005)	Heinz from 7th to San Pablo	Convert to Bicycle Boulevard
37	Berkeley Bicycle Plan (1998, 2005)	San Pablo from Heinz to Russell	Convert to Bicycle Boulevard
39	Berkeley Bicycle Plan (1998, 2005)	Bay Trail from Albany to Gilman	Convert to Class I
40	Berkeley Bicycle Plan (1998, 2005)	Gilman to University	Existing Class I
41	Berkeley Bicycle Plan (1998, 2005)	University to Emeryville	Convert to Class I
42	Berkeley Bicycle Plan (1998, 2005)	Ninth from City of Albany to Camelia	Convert to Class III BB
43	Berkeley Bicycle Plan (1998, 2005)	Ninth from Camelia to Delaware	Convert from Class III to Class III BB
44	Berkeley Bicycle Plan (1998, 2005)	Ninth from Delaware to Bancroft	Convert to Class II
45	Berkeley Bicycle Plan (1998, 2005)	Ninth from Bancroft to Anthony	Convert to Class III BB
46	Berkeley Bicycle Plan (1998, 2005)	Ninth from Anthony to Emeryville Border	Convert to Class I path
65	Pedestrian Master Plan (2010)	1 - Corridor Improvement from San Pablo Ave to 6th Street	This improvement will install multiple pedestrian improvements at intersections along San Pablo Avenue, 6th, 7th, 8th, 9th, and 10th streets
68	Pedestrian Master Plan (2010)	12 - Corridor Improvement for San Pablo Ave from Addison Street to Bancroft Way	This improvement will install multiple pedestrian improvements along San Pablo Avenue from Addison to Bancroft
71	Pedestrian Master Plan (2010)	15 - Intersection Improvement for San Pablo Avenue and Delaware Street	This improvement will install multiple pedestrian improvements at the intersection of San Pablo Avenue and Delaware Street
82	Pedestrian Master Plan (2010)	25 - Intersection Improvement for San Pablo Avenue and Cedar Street	This improvement will install multiple pedestrian improvements at the intersection of San Pablo Avenue and Cedar Street
99	San Pablo Avenue Public Improvements Plan	Streetscape improvements for San Pablo Avenue in the City of Berkeley	Streetscape improvements from Haskell to Harrison including: New traffic signals, new crosswalks, remodel of existing crosswalks, crosswalk cut throughs at median and new paving for crosswalks
100	Signal Interconnect 5 year	Gilman Street Signal Interconnect	Signal modernization and communications
102	Signal Interconnect 5 year	San Pablo Avenue Signal Interconnect	Signal modernization and communications
103	Signal Interconnect 5 year	6th and 7th Streets Signal Interconnect	Signal modernization and communications
104	Signal Interconnect 5 year	Cedar Street Signal Interconnect	Signal modernization and communications

105	Signal Interconnect 5 year	Dwight Avenue Signal Interconnect	Signal modernization and communications
123	West Berkeley Circulation Master Plan, 2008	Grade Separation	Grade separate Gilman railroad crossing
124	West Berkeley Circulation Master Plan, 2008	Intersection Geometry	Construct dual roundabouts at Gilman Interchange
125	West Berkeley Circulation Master Plan, 2008	Pave	Extend/pave 5th between Potter and Ashby
126	West Berkeley Circulation Master Plan, 2008	Demo	Open 5th St. (SB) at WB University
127	West Berkeley Circulation Master Plan, 2008	Peak Hour Travel Lane	Add peak hour auto travel lane by removing on-street parking along University between San Pablo and 6th
130	West Berkeley Circulation Master Plan, 2008	Signalize	Signalize University and West Frontage
131	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Camelia	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
132	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Cedar	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
133	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Virginia	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
134	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Hearst	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
135	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Addison	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
136	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Bancroft	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
137	West Berkeley Circulation Master Plan, 2008	Extend Lane	Extend Ashby EB left turn bay at 7th by 150'
138	West Berkeley Circulation Master Plan, 2008	Add Lane	Create additional EB/WB lanes on Dwight at San Pablo
139	West Berkeley Circulation Master Plan, 2008	Improve access	Improve 4th street access from gilman to commercial district through repaving and new LT pocket at Gilman and 4th
140	West Berkeley Circulation Master Plan, 2008	Intersection Improvements	9th and Ashby intersection improvements: extend BB from 9th to connect to Emeryville Greenway
141	West Berkeley Circulation Master Plan, 2008	Add lane	Create additional WB lane on Gilman between San Pablo and Kains
142	West Berkeley Circulation Master Plan, 2008	Add lane	Add 2nd NB left turn lane at 6th and University
143	West Berkeley Circulation Master Plan, 2008	Upgrade signals along University	Upgrade signals (adaptive, emergency, transit, etc.) along WB arterials (Gilman, University, Ashby, 6th/7th and San Pablo)
144	West Berkeley Circulation Master Plan, 2008	Upgrade signals along Gilman	Upgrade signals (adaptive, emergency, transit, etc.) along WB arterials (Gilman, University, Ashby, 6th/7th and San Pablo)
145	West Berkeley Circulation Master Plan, 2008	Upgrade signals along Ashby	Upgrade signals (adaptive, emergency, transit, etc.) along WB arterials (Gilman, University, Ashby, 6th/7th and San Pablo)
146	West Berkeley Circulation Master Plan, 2008	Upgrade signals along 6th/7th	Upgrade signals (adaptive, emergency, transit, etc.) along WB arterials (Gilman, University, Ashby, 6th/7th and San Pablo)
147	West Berkeley Circulation Master Plan, 2008	Upgrade signals along SP	Upgrade signals (adaptive, emergency, transit, etc.) along WB arterials (Gilman, University, Ashby, 6th/7th and San Pablo)

148	West Berkeley Circulation Master Plan, 2008	Restripe	Restripe WB University at San Pablo to create new right turn lane and additional through lane
149	West Berkeley Circulation Master Plan, 2008	signal optimization	Implement a leading protected left phase for NB traffic at San Pablo and Dwight
150	West Berkeley Circulation Master Plan, 2008	Replace interchange	Replace Ashby interchange (partial cloverleaf/diamond or roundabout design)
151	West Berkeley Circulation Master Plan, 2008	Add lane	Create two WB lanes on Heinz (Through/Right and Left only) at 7th
152	West Berkeley Circulation Master Plan, 2008	Add lane	Add additional SB lane between Heinz and Anthony on 7th
153	West Berkeley Circulation Master Plan, 2008	Interchange Geometry	Create a full interchange design at University
154	West Berkeley Circulation Master Plan, 2008	Improve intersection	Improve intersection at 4th and Hearst
155	West Berkeley Circulation Master Plan, 2008	Improve intersection	4th and Allston Intersection Improvement
156	West Berkeley Circulation Master Plan, 2008	Improve intersection	6th and Addison Intersection Improvement
157	West Berkeley Circulation Master Plan, 2008	Add lane	Add EB right turn pocket (~100') at Hearst and 6th
158	West Berkeley Circulation Master Plan, 2008	Add lane	Create additional EB/WB lane along Allston Way at 6th
159	West Berkeley Circulation Master Plan, 2008	Add lane	Create additional NB/SB left turn lane along 6th at Channing
160	West Berkeley Circulation Master Plan, 2008	Parking improvements	Better signage, give info on parking supply location, state of occupancy, etc.
161	West Berkeley Circulation Master Plan, 2008	Reduce speed	Reduce the speed limit on San Pablo to 30 mph
162	West Berkeley Circulation Master Plan, 2008	Add ramp metering to Gilman	Add ramp metering to Ashby, University and Gilman interchanges
163	West Berkeley Circulation Master Plan, 2008	Add ramp metering to University	Add ramp metering to Ashby, University and Gilman interchanges
164	West Berkeley Circulation Master Plan, 2008	Add ramp metering to Ashby	Add ramp metering to Ashby, University and Gilman interchanges
165	West Berkeley Circulation Master Plan, 2008	Improve Wayfinding	Improve wayfinding from Interstate 80 to major destinations in West Berkeley
166	West Berkeley Circulation Master Plan, 2008	improve off-ramp movement	Move stop control at Hearst and Eastshore to off-ramp movement and allow free movement on hearst/eastshore
167	West Berkeley Circulation Master Plan, 2008	Add lane	Create additional NB/SB left turn lanes on 7th at Carleton
168	West Berkeley Circulation Master Plan, 2008	Restripe	Restripe Heinz and San Pablo to include additional WB lane
169	West Berkeley Circulation Master Plan, 2008	Restripe	Restripe EB Cedar at 6th to include new right turn lane
170	West Berkeley Circulation Master Plan, 2008	Add signal	Install signal at Harrison and San Pablo
171	West Berkeley Circulation Master Plan, 2008	Signalize	Signalize 7th and Carleton
172	West Berkeley Circulation Master Plan, 2008	signal optimization	Add dedicated left turn phase to NB/SB traffic at Hearst and 6th
173	West Berkeley Circulation Master Plan, 2008	Signalize	Signalize intersection of Heinz and San Pablo
174	West Berkeley Circulation Master Plan, 2008	Bike Blvd Addison	Create a bicycle boulevard along Addison Street or Allston connecting Downtown to the ped bike bridge (near University)
175	West Berkeley Circulation Master Plan, 2008	Bike Blvd Allson	Create a bicycle boulevard along Addison Street or Allston connecting Downtown to the ped bike bridge (near University)
176	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 3 (bike refuge median with no left and U turns along San Pablo) to Virginia and San Pablo
177	West Berkeley Circulation Master Plan, 2008	Bike Blvd	Remove or flip stop signs on bicycle boulevards to limit stopping of bikes
178	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment type 3 (bike refuge median with no left and U turns along San Pablo) to Channing and San Pablo

179	West Berkeley Circulation Master Plan, 2008	Bike Facility	Create class II.5 bike facility (bike boulevard) between Virginia & Hearst (5th st) and Hearst & Channing (4th)
180	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 4 (partial signal phase - HAWK) to 6th and Channing
181	West Berkeley Circulation Master Plan, 2008	Bike lighting	Add bike/pedestrian scale lighting to bicycle boulevards
182	West Berkeley Circulation Master Plan, 2008	Paint Markings	Add painted markings where bike lanes cross right turn lanes to indicate conflict area between bikes and autos
183	West Berkeley Circulation Master Plan, 2008	Paint Markings	paint colored bike lanes to increase visibility for motorists
184	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 1 (signage and striping) to Cedar and 9th St.
185	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 1 (signage and striping) to Dwight and 9th St.
186	West Berkeley Circulation Master Plan, 2008	Connection	Improve connection between Russell Bike Blvd and Heinz Bike Blvd
187	West Berkeley Circulation Master Plan, 2008	Bike Boxes at gilman and 6th	Add bike boxes at Gilman and 8th and Gilman and 6th intersections
188	West Berkeley Circulation Master Plan, 2008	Bike Boxes at 8th and gilman	Add bike boxes at Gilman and 8th and Gilman and 6th intersections
189	West Berkeley Circulation Master Plan, 2008	Bike Intersection	Apply bike intersection treatment 1 (signage and striping) to Heinz and 9th St.
190	West Berkeley Circulation Master Plan, 2008	Loop Detection	Add bike loop detectors to signal at Heinz and 7th St.
191	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings	Improve ped crossing along university between 6th and 10th
192	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Gilman	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
193	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Cedar	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
194	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Ashby	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
195	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings at Dwight	Improve pedestrian crossings along San Pablo at Gilman, Cedar, University, Dwight and Ashby to include directional pedestrian curb ramps
197	West Berkeley Circulation Master Plan, 2008	Automate Ped Signal	Remove pedestrian actuation from controller at University and San Pablo and make pedestrian walk phase with audible signal automatic on all legs
198	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings	Improve pedestrian crossings along Gilman between 5th and 10th
199	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings	Improve pedestrian crossings along Cedar Street between 4th and 10th
200	West Berkeley Circulation Master Plan, 2008	Improve Pedestrian Crossings	Improve pedestrian crossings along Dwight Way between 4th and 10th
201	West Berkeley Circulation Master Plan, 2008	Sidewalk Paving	Sidewalk paving (full block paving) adjacent to James Kenny Park on 7th and 8th along 9th and Cedar Page
202	West Berkeley Circulation Master Plan, 2008	Flashing beacon	Install flashing pedestrian crossings at Jones along San Pablo
203	West Berkeley Circulation Master Plan, 2008	Audible Signal	Install audible signals along San Pablo at Gilman, Cedar, Delaware, Allston, Dwight, Grayson and Ashby and one at 6th and Hearst Dwight, Grayson and Ashby and at 6th and Hearst

204	West Berkeley Circulation Master Plan, 2008	Extend Median	Extend paved median along Cedar Street on east side of San Pablo to reach crosswalk
205	West Berkeley Circulation Master Plan, 2008	Implement Ped Scramble	Implement a pedestrian scramble phase at San Pablo and University
206	West Berkeley Circulation Master Plan, 2008	Segregated transit	Segregated transit lanes along SP
207	West Berkeley Circulation Master Plan, 2008	Real Time display	Add real time displays to all stops in West Berkeley
208	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and Ashby	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
209	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and Dwight	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
210	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and University	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
211	West Berkeley Circulation Master Plan, 2008	Bus Bulbs at SP and Gilman	Create bus bulbs and queue jump for all Berkeley San Pablo Rapid Stops (NB and SB)
212	West Berkeley Circulation Master Plan, 2008	Extend West Berkeley Shuttle	Extend the West Berkeley shuttle to connect North Berkeley BART to Ashby BART along Ashby/6th/7th/Cedar Streets. Service would be a weekday peak hour service on 20-minute headways in both directions
213	West Berkeley Circulation Master Plan, 2008	Upgrade high ridership AC Transit Stops	Upgrade high ridership AC Transit Stops based on San Pablo Corridor bus stop guidelines (Type A, C, D, and E stops)
214	West Berkeley Circulation Master Plan, 2008	Bus connection	Improve bus connection from Downtown/UC to West Berkeley and Amtrak stop
215	West Berkeley Circulation Master Plan, 2008	Queue Jump	Install queue jump lanes along University Ave at San Pablo in EB and WB directions
216	West Berkeley Circulation Master Plan, 2008	Queue Jump	Install queue jump lanes along University Ave at 6th St. in the WB and EB direction
218	West Berkeley Circulation Master Plan, 2008	Bus Stop Seating	Add seating to all AC transit stops that do not currently have any provided (bus stop Type E)
219	West Berkeley Circulation Master Plan, 2008	AC Transit Service	Improve AC Transit Transbay service to West Berkeley
220	West Berkeley Circulation Master Plan, 2008	Queue Jump	Install peak hour queue jump lanes along Gilman at San Pablo in EB and WB directions
221	West Berkeley Circulation Master Plan, 2008	Transbay Service	Add AC Transit Transbay service along Dwight Way that could connect directly to Telegraph and UC Berkeley
222	West Berkeley Circulation Master Plan, 2008	Increase Service	Provide more direct bus service from Downtown Berkeley to Berkeley Pier/Cesar Chavez Park (existing 51M)
223	West Berkeley Circulation Master Plan, 2008	Lighting	Cedar: Improve lighting at San Pablo bus stops (Cedar and Virginia)
224	West Berkeley Circulation Master Plan, 2008	Lighting	Virginia: Improve lighting at San Pablo bus stops (Cedar and Virginia)
225	West Berkeley Circulation Master Plan, 2008	Connections at Route 9	Improve connections and transfers of Route 9 and other transit services at San Pablo and Gilman
226	West Berkeley Circulation Master Plan, 2008	Stop Move	Move nearside SB AC Transit stop at Hearst and 6th to far side location
227	West Berkeley Circulation Master Plan, 2008	Stop Move	Move nearside SB AC Transit stop at Anthony and 7th to far side location of Heinz and 7th
228	West Berkeley Circulation Master Plan, 2008	Rapid Stop	Add rapid stop at San Pablo and Cedar
229	West Berkeley Circulation Master Plan, 2008	Truck Route	Pave 2nd Street between Gilman and Hearst
230	West Berkeley Circulation Master Plan, 2008	Truck Route	Designate 6th/7th between Gilman and Ashby as truck route

231	West Berkeley Circulation Master Plan, 2008	Truck Route	SP: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
232	West Berkeley Circulation Master Plan, 2008	Truck Route	6th/7th: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
233	West Berkeley Circulation Master Plan, 2008	Truck Route	2nd: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
234	West Berkeley Circulation Master Plan, 2008	Truck Route	Ashby: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
235	West Berkeley Circulation Master Plan, 2008	Truck Route	Gilman: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
236	West Berkeley Circulation Master Plan, 2008	Truck Route	University: Add/update truck routing signage along arterials and truck routes Ashby, Gilman, University, SP, 2nd, 6th/7th
237	West Berkeley Circulation Master Plan, 2008	San Pablo Light Rail Line	This improvement will provide a light rail line along San Pablo Avenue, though it is uncertain and more dependent on the decisions of other agencies
239	City Council Referral	Ped Beacon at Sacramento and Bancroft	Ped Beacon at Sacramento and Bancroft as referred/budgetted at the April 7th meeting

ATTACHMENT 3: City of Berkeley Transportation Projects Grouped by Bundles

Citywide and Signature Projects Bundles

#	Bundle Name or Source Document	Project Identification	Detailed Project Description
	Gilman Interchange Bundle		
19	Alameda Countywide Transportation Plan	I-80 Gilman Street Interchange Improvements	Gilman interchange multimodal freeway interchange project.
	Gilman Grade Sep Bundle		
123	West Berkeley Circulation Master Plan, 2008	Grade Separation	Grade separate Gilman railroad crossing
	RR Quiet Zone Bundle		
131	West Berkeley Circulation Master Plan, 2008	Improve RR Xing at Camelia	Add four quadrant gates to all seven at-grade rail crossings in West Berkeley (Gilman, Camelia, Cedar, Virginia, Hearst, Addison and Bancroft)
	Southside Streets Two-way Conversion Bundle		
111	South Side Plan-Two-way Street Conversion Evaluation (2014)	Convert Dana Street and Ellsworth Street from one-way to two-way operation between Dwight Way and Bancroft Way	Convert Dana Street from a one-way street to a two-way street consistent with Southside Plan Policy T-C2, to improve its safety and functionality as a bike route. The street conversion could either a) incorporate a northbound bike lane while southbound riders would travel in a shared lane or b) incorporate bike lanes in both directions with the removal of on-street parking. Ellsworth Street, the one-way couplet pair to Dana Street, should also be converted to a two-way street which is consistent with Southside Plan Policy T-D1.
112	Southside Plan (2011)	T-D2 - Consider conversion of Bancroft and Durant to two-way streets between Shattuck Ave and Piedmont Ave	This improvement will consider converting Bancroft and Durant to two-way streets with restrictions on automobile through movements at Telegraph. Plan with AC Transit based on transit impacts and traffic circulation this would cause.
	Ohlone Bundle		
33	Berkeley Bicycle Plan (1998, 2005)	Hearst from California to Shattuck	Convert Class II to Class II
60	Berkeley Bicycle Plan (1998, 2005)	Ohlone Greenway Path from Albany border to Acton/Virginia	Widening and straightening of existing path, addition of stop signs, raised intersections, install cross street signs
63	Downtown Streets & Open Space Improvement Plan	Hearst Street and Ohlone Greenway	The Ohlone Greenway provides a bicycle/pedestrian connection to Albany, El Cerrito and Richmond, and would be extended to the UC Campus with landscaping, continuous bicycle lanes, and pedestrian improvements.
	9th Street Bikeway Bundle		
46	Berkeley Bicycle Plan (1998, 2005)	Ninth from Anthony to Emeryville Border	Convert to Class I path
	Milvia Cycle Track		
52	Berkeley Bicycle Plan (1998, 2005)	Milvia from Hearst to Dwight	Convert to Class IV Cycletrack
	Channing Cycle Track		
26	Berkeley Bicycle Plan (1998, 2005)	Channing from MLK to Bowditch	Class II to Class IV Cycletrack
	Signal Interconnect Bundle		
100	Signal Interconnect 5 year	Gilman Street Signal Interconnect	Signal modernization and communications
101	Signal Interconnect 5 year	University Avenue Signal Interconnect	Signal modernization and communications
102	Signal Interconnect 5 year	San Pablo Avenue Signal Interconnect	Signal modernization and communications
103	Signal Interconnect 5 year	6th and 7th Streets Signal Interconnect	Signal modernization and communications
104	Signal Interconnect 5 year	Cedar Street Signal Interconnect	Signal modernization and communications

105	Signal Interconnect 5 year	Dwight Avenue Signal Interconnect	Signal modernization and communications
106	Signal Interconnect 5 year	Ashby Avenue Signal Interconnect	Signal modernization and communications
High Priority Pedestrian Improvements Bundle			
65	Pedestrian Master Plan (2010)	1 - Corridor Improvement from San Pablo Ave to 6th Street	This improvement will install multiple pedestrian improvements at intersections along San Pablo Avenue, 6th, 7th, 8th, 9th, and 10th streets
66	Pedestrian Master Plan (2010)	10 - Corridor Improvement for Shattuck Ave from Vine Street to Hearst Avenue	This improvement will install multiple pedestrian improvements along Shattuck Avenue from Vine Street to Hearst Avenue
67	Pedestrian Master Plan (2010)	11 - Corridor Improvement for Shattuck Ave from Russell Street to Ward Street	This improvement will install multiple pedestrian improvements along Shattuck Avenue from Russell Street to Ward
68	Pedestrian Master Plan (2010)	12 - Corridor Improvement for San Pablo Ave from Addison Street to Bancroft Way	This improvement will install multiple pedestrian improvements along San Pablo Avenue from Addison to Bancroft
69	Pedestrian Master Plan (2010)	13 - Intersection Improvement at Bancroft Way and Oxford/Fulton Street	This improvement will install multiple pedestrian improvements at the intersection of Bancroft Way at Oxford/Fulton Street
70	Pedestrian Master Plan (2010)	14 - Corridor Improvement for Solano Avenue from Colusa to The Alameda	This improvement will install multiple pedestrian improvements at intersections along Solano Avenue from Colusa to the Alameda
71	Pedestrian Master Plan (2010)	15 - Intersection Improvement for San Pablo Avenue and Delaware Street	This improvement will install multiple pedestrian improvements at the intersection of San Pablo Avenue and Delaware Street
72	Pedestrian Master Plan (2010)	16 - Uncontrolled Crossing Improvement at Shattuck Avenue and Berkeley Way	This improvement will install multiple pedestrian improvements at the intersection of Shattuck Avenue and Berkeley Way
73	Pedestrian Master Plan (2010)	17 - Intersection Improvement for University Avenue and Grant Street	This improvement will install multiple pedestrian improvements at the intersection of University Avenue and Grant Street
74	Pedestrian Master Plan (2010)	18 - Corridor Improvement for College Ave between Russell St and Ashby Ave	This improvement will install multiple pedestrian improvements along College Avenue from Russell to Ashby
75	Pedestrian Master Plan (2010)	19 - Intersection Improvement at The Alameda/MLK Jr Way and Hopkins Street	This improvement will install multiple pedestrian improvements at the intersection of The Alameda/MLK Jr Way and Hopkins Street
76	Pedestrian Master Plan (2010)	2 - Intersection Improvement for University Ave and Shattuck Ave	This improvement will install pedestrian improvements at the intersection of University Ave and Shattuck Ave
77	Pedestrian Master Plan (2010)	20 - Intersection Improvement for Shattuck Avenue and Woolsey Street	This improvement will install multiple pedestrian improvements at the intersection of Shattuck Avenue and Woolsey Street
78	Pedestrian Master Plan (2010)	21 - Uncontrolled Crossing Improvement at University Avenue and McGee Avenue	This improvement will install multiple pedestrian improvements at the intersection of University Ave and McGee Ave
79	Pedestrian Master Plan (2010)	22 - Mid-Block Crosswalk Improvement Project at Dwight Way and Alta Bates Hospital	This improvement will install multiple pedestrian improvements at the intersection of Dwight Way and Alta Bates Hospital
80	Pedestrian Master Plan (2010)	23 - Intersection Improvement Project at Alcatraz Avenue and California Street	This improvement will install multiple pedestrian improvements at the intersection of Alcatraz Avenue and California Street
81	Pedestrian Master Plan (2010)	24 - Safe Routes to Transit at North Berkeley BART Station Area	This improvement will install multiple pedestrian improvements at the North Berkeley BART Station Area
82	Pedestrian Master Plan (2010)	25 - Intersection Improvement for San Pablo Avenue and Cedar Street	This improvement will install multiple pedestrian improvements at the intersection of San Pablo Avenue and Cedar Street
83	Pedestrian Master Plan (2010)	26 - Intersection Improvement for Telegraph Ave and Ashby Ave	This improvement will install multiple pedestrian improvements at the intersection of Telegraph Ave and Ashby Ave
84	Pedestrian Master Plan (2010)	27 - Intersection Improvement for Telegraph Ave and Parker Street	This improvement will install multiple pedestrian improvements at the intersection of Telegraph Ave and Parker Street
85	Pedestrian Master Plan (2010)	28 - Safe Routes to School at Sacramento Street and Rose Street	This improvement will install multiple pedestrian improvements at the intersection of Sacramento Street and Rose Street

86	Pedestrian Master Plan (2010)	29 - Intersection Improvement at Gilman Street and Santa Fe Avenue	This improvement will install multiple pedestrian improvements at the intersection of Gilman Street and Santa Fe Avenue
87	Pedestrian Master Plan (2010)	3 - Safe Routes to Transit for Ashby BART Station Area	This improvement will install pedestrian improvements around the Ashby BART Station
88	Pedestrian Master Plan (2010)	30 - Intersection Improvement at Addison Street and Jefferson Avenue	This improvement will install multiple pedestrian improvements at the intersection of Addison Street and Jefferson Avenue
89	Pedestrian Master Plan (2010)	31 - Intersection Improvement at Sacramento Street and Oregon Street	This improvement will install multiple pedestrian improvements at the intersection of Sacramento Street and Oregon Street
90	Pedestrian Master Plan (2010)	32 - Sidewalk Improvement Project for Hearst Avenue between Le Conte and Euclid	This improvement will install multiple pedestrian improvements along Hearst Avenue from Le Conte Avenue and Euclid Avenue
91	Pedestrian Master Plan (2010)	33 - Intersection Improvement at Hearst Avenue and Gayley Road/La Loma Avenue	This improvement will install multiple pedestrian improvements at the intersection of Hearst Avenue and Gayley Road/La Loma Avenue
92	Pedestrian Master Plan (2010)	34 - Intersection Improvement at Gilman Street and Curtis Street	This improvement will install multiple pedestrian improvements at the intersection of Gilman Street and Curtis Street
93	Pedestrian Master Plan (2010)	4 - Corridor Improvement for Sacramento Street between Addison and University Ave	This improvement will install multiple pedestrian improvements along Sacramento Street from Addison Street to University Ave
94	Pedestrian Master Plan (2010)	5 - Corridor Improvement for Acton Street between Addison and University Ave	This improvement will install multiple pedestrian improvements along Acton Street between Addison Street and University Ave
95	Pedestrian Master Plan (2010)	6 - Corridor Improvement for Martin Luther King, Jr. from Allston to University Ave	This improvement will install multiple pedestrian improvements along MLK JR Way from Allston Way to University Ave
96	Pedestrian Master Plan (2010)	7 - Intersection Improvement for University Ave and Milvia Street	This improvement will install multiple pedestrian improvements at the intersection of University Ave and Milvia Street
97	Pedestrian Master Plan (2010)	8 - Corridor Improvement for Ashby Avenue from California Ave to San Pablo Ave	This improvement will install multiple pedestrian improvements along Ashby Avenue from California Street to San Pablo
98	Pedestrian Master Plan (2010)	9 - Intersection Improvement for Alcatraz Avenue and Adeline Street	This improvement will install multiple pedestrian improvements at the intersection of Alcatraz Avenue and Adeline Street
Citywide BB Improvements Bundle			
1	2015 Bike Plan Update	Virginia and San Pablo Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
2	2015 Bike Plan Update	Shattuck at Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
3	2015 Bike Plan Update	Hillegass at Ashby Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
4	2015 Bike Plan Update	Channing at San Pablo Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
5	2015 Bike Plan Update	Channing at Sacramento Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
6	2015 Bike Plan Update	Cedar at 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
7	2015 Bike Plan Update	Virginia at MLK Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
8	2015 Bike Plan Update	Virginia at Shattuck Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
9	2015 Bike Plan Update	Milvia at University Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.

10	2015 Bike Plan Update	Channing and 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
11	2015 Bike Plan Update	Virginia and Sacramento Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
12	2015 Bike Plan Update	California and Dwight Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
13	2015 Bike Plan Update	Sacramento and Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
14	2015 Bike Plan Update	San Pablo between Heinz and Russell Intersection Im	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
15	2015 Bike Plan Update	Ashby and 9th Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
16	2015 Bike Plan Update	Alcatraz and King Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
17	2015 Bike Plan Update	Milvia at Russell Intersection Improvement	Pedestrian Hybrid Beacon or Rectangular Rapid-flashing Beacon, plus bulbouts and/or median refuge islands.
Citywide Residential Class III BB Bundle			
36	Berkeley Bicycle Plan (1998, 2005)	Heinz from 7th to San Pablo	Convert to Bicycle Boulevard
37	Berkeley Bicycle Plan (1998, 2005)	San Pablo from Heinz to Russell	Convert to Bicycle Boulevard
38	Berkeley Bicycle Plan (1998, 2005)	Russell from San Pablo to Claremont	Convert to Bicycle Boulevard
42	Berkeley Bicycle Plan (1998, 2005)	Ninth from City of Albany to Camelia	Convert to Class III BB
43	Berkeley Bicycle Plan (1998, 2005)	Ninth from Camelia to Delaware	Convert from Class III to Class III BB
45	Berkeley Bicycle Plan (1998, 2005)	Ninth from Bancroft to Anthony	Convert to Class III BB
47	Berkeley Bicycle Plan (1998, 2005)	California from Hopkins to Cedar	Convert to Class III BB
49	Berkeley Bicycle Plan (1998, 2005)	California from Dwight to Russell	Convert to Class III BB
50	Berkeley Bicycle Plan (1998, 2005)	Russell from King to Adeline	Convert to Class III BB
51	Berkeley Bicycle Plan (1998, 2005)	Milvia from Hopkins to Hearst	Convert to Class III BB
53	Berkeley Bicycle Plan (1998, 2005)	Milvia from Dwight to Russell	Convert to Class III BB
59	Berkeley Bicycle Plan (1998, 2005)	Hillegass from Dwight to Woolsey	Convert to Class III BB

Project Bundle Screening and Top 5 Project Bundles

- Highest Ranked
- Middle Ranked
- Lowest Ranked

Priority	Project Readiness		Screening Criteria		Staff Recommendation (Top 5 with integrated projects)
	Project Readiness	Cost Effectiveness	Community Support	Agency Coordination	
Prioritization Scoring (by rank order max. score 74)					
53	West Berkeley				1 West Berkeley
53	Gilman Interchange				Gilman Interchange
31	Railroad Quiet Zone				Railroad Quiet Zone
42	9th Street Bikeway				9th Street Bikeway
36	Gilman Grade Separation				Gilman Grade Separation
48	Bike Blvd Intersections				2 Bike Blvd Intersections
48	Downtown Berkeley				3 Downtown Berkeley
37	Milvia Bike Boulevard				Milvia Bike Boulevard
47	Southside Area Improvements				4 Southside Area Improvements
42	Southside Two-way Conversion				Southside Two-way Conversion
40	Telegraph Avenue Corridor				5 Telegraph Avenue Corridor
51	Dwight Way Corridor				6 Dwight Way Corridor
49	Ashby Avenue Corridor				7 Ashby Avenue Corridor
47	Signal Interconnect				8 Signal Interconnect
42	San Pablo Avenue Corridor				9 San Pablo Avenue Corridor
42	High Priority Pedestrian Plan Projects				10 High Priority Pedestrian Plan Projects
50	Gilman Street Corridor				11 Gilman Street Corridor
44	University Avenue Corridor				12 University Avenue Corridor
35	Sacramento Street Corridor				13 Sacramento Street Corridor
47	Adeline Street Corridor				14 Adeline Street Corridor
45	Shattuck Avenue Corridor				15 Shattuck Avenue Corridor
39	Ohlone Greenway				16 Ohlone Greenway
38	Residential Bike Blvd Enhancements				17 Residential Bike Blvd Enhancements
35	Channing Bike Boulevard				18 Channing Bike Boulevard
31	College Avenue Corridor				19 College Avenue Corridor

Berkeley Strategic Transportation Plan (BeST Plan)

