



**METROPOLITAN
TRANSPORTATION
COMMISSION**

Bay Area Metro Center
375 Beale Street, Suite 800
San Francisco, CA 94105
415.778.6700
www.mtc.ca.gov

Air Quality Conformity Task Force

Metropolitan Transportation Commission
Bay Area Metro Center

Mount Diablo Conference Room

375 Beale Street, Suite 800

(Note: Visitors must check in with the receptionist on the 7th floor)
San Francisco, CA

Conference Call Number: 888-273-3658 (Access Code: 9427202)

Thursday, September 22, 2016

9:30 a.m. –11:00 a.m.

AGENDA

1. Welcome and Introductions
2. PM_{2.5} Project Conformity Interagency Consultations
 - a. Consultation to Determine Project of Air Quality Concern Status
 - i. Telegraph Avenue Complete Streets Project
 - ii. Telegraph Avenue Bike/Pedestrian Improvements and Road Diet Project
 - b. Confirm Projects Are Exempt from PM_{2.5} Conformity
 - i. Projects Exempt Under 40 CFR 93.126 – Not of Air Quality Concern
3. Projects with Regional Air Quality Conformity Concerns
 - a. Review of the Regional Conformity Status for New and Revised Projects
3a_Regional_AQ_Conformity_Review.pdf
3a_Attachment-A_List_of_Proposed_New_Projects_9-22-16.pdf
4. Draft Final 2017 Transportation Improvement Program (TIP) & Air Quality Conformity Analysis Release (Info Item)
5. Consent Calendar
 - a. August 25, 2016 Air Quality Conformity Task Force Meeting Summary
6. Other Items

Next Meeting: October 27, 2016

MTC Staff Liaison: Harold Brazil hbrazil@mtc.ca.gov



METROPOLITAN
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Joseph P. Bort MetroCenter
101 Eighth Street
Oakland, CA 94607-4700
TEL 510.817.5700
TDD/TTY 510.817.5769
FAX 510.817.5848
E-MAIL info@mtc.ca.gov
WEB www.mtc.ca.gov

Memorandum

TO: Air Quality Conformity Task Force

DATE: September 9, 2016

FR: Harold Brazil

W. I.

RE: PM_{2.5} Project Conformity Interagency Consultation

Project sponsors representing three projects, seek interagency consultation from the Air Quality Conformity Task Force (AQCTF) at today's meeting and the projects are as follows:

No.	Project Sponsor	Project Title
1	City of Oakland	Telegraph Avenue Complete Streets Project
2	City of Oakland	Telegraph Avenue Bike/Pedestrian Improvements and Road Diet Project

2ai_Telegraph_Avenue_Complete_Streets_Project_Assessment_Form.pdf (for the Telegraph Avenue Complete Streets project)

2aii_Telegraph_Avenue_Bike&Ped_Improvements&Rd_Diet_Project_Assessment_Form.pdf (for the Telegraph Avenue Bike/Pedestrian Improvements and Road Diet project)

MTC also requests the review and concurrence from the Task Force on projects that project sponsors have identified as exempt and likely not to be a POAQC. **2b_Exempt List 090916.pdf** lists exempt projects under 40 CFR 93.126

Application of Criteria for a Project of Air Quality Concern
Project Title: Telegraph Avenue Complete Streets (ATP2, ALA150047)
Project Summary for Air Quality Conformity Task Force Meeting: September 2016

Description

- Lane reduction ("road diet") from 29th to 42nd Street.
- Transit islands and concrete bus pad
- Raised curb extensions, median refuges, and ADA ramps between 20th and 29nd Street
- Rectangular Rapid Flashing Beacon (RRFB) at uncontrolled crosswalks between 21st and 39th Street
- Pedestrian safety plaza at 22nd Street
- Pavement repair between 29th and 42nd Street
- Traffic signal interconnect along the corridor
- Signal modifications between 20th and 29th Street

Background

- Stakeholder Outreach and Public Survey completed March 2014
- Traffic Studies completed November 2014
- No comments received on air quality
- Seeking air quality conformity determination on or before September 2016
- Schedule based on deadline for ATP2 funding allocation

Not a Project of Air Quality Concern (40 CFR 93.123(b)(1))

(i) New or expanded highway projects with significant number/increase in diesel vehicles?

- Not a new or expanded highway project
- Roadway lane reduction project from 4 travel lanes to 2 travel lanes with a middle two-way left turn lane, and no widening of existing right-of-way
- No change in traffic volume or truck percentages on Telegraph Avenue

(ii) Affects intersections at LOS D, E, or F with a significant number of diesel vehicles?

- Diesel vehicles represent 2% of intersection traffic volume
- Intersections level of service does not degrade below LOS C
- No project changes to land use that would affect diesel traffic percentage
-

(iii) New bus and rail terminals and transfer points?—Not Applicable

(iv) Expanded bus and rail terminals and transfer points?—Not Applicable

(v) Affects areas identified in PM₁₀ or PM_{2.5} implementation plan as site of violation?

- No state implementation plan for PM_{2.5}
- Therefore, not identified in plan as an area of potential violation

RTIP ID# <i>(required)</i> 240381				
TIP ID# <i>(required)</i> ALA150047				
Air Quality Conformity Task Force Consideration Date September 2016				
Project Description <i>(clearly describe project)</i> Complete Street project incorporating road diet from four travel lanes to two travel lanes with left turn pockets, signing and striping of buffered bike lanes, pedestrian crossing improvements incorporating pedestrian refuges, ADA ramps, bulb-outs, bus boarding islands with concrete bus pads, traffic signal improvements, and pavement repair.				
Type of Project: Complete Streets				
County Alameda	Narrative Location/Route & Postmiles Telegraph Avenue is located in the City of Oakland, Planning Area 1 (North). The project corridor begins at the Northgate Area near downtown Oakland to the south, and ends at the Temescal Area to the north. Caltrans Projects – EA# N/A			
Lead Agency:				
Contact Person Si Lau	Phone# 510.238.6105	Fax# 510.238.7415	Email slau@oaklandnet.com	
Federal Action for which Project-Level PM Conformity is Needed <i>(check appropriate box)</i>				
<input checked="" type="checkbox"/> Categorical Exclusion (NEPA)	<input type="checkbox"/> EA or Draft EIS	<input type="checkbox"/> FONSI or Final EIS	<input type="checkbox"/> PS&E or Construction	<input type="checkbox"/> Other
Scheduled Date of Federal Action:				
NEPA Delegation – Project Type <i>(check appropriate box)</i>				
<input type="checkbox"/>	<input checked="" type="checkbox"/> Section 326 – Categorical Exclusion	<input type="checkbox"/> Section 327 – Non-Categorical Exclusion		
Current Programming Dates <i>(as appropriate)</i>				
	PE/Environmental	ENG	ROW	CON
Start	2016	2016	N/A	2018
End	2016	2018	N/A	2020

Project Purpose and Need (Summary): *(please be brief)*

Redesign Telegraph Avenue to be a more Complete Street as follows: improving safety and accessibility of all modes; making the street more comfortable and enjoyable for walking and bicycling; and balancing the needs and convenience of all users, including transit and motor vehicles. Public survey results and existing conditions analysis demonstrate Telegraph Avenue's need for these improvements, and provide valuable input that has helped to shape the design options developed for the project.

Surrounding Land Use/Traffic Generators *(especially effect on diesel traffic)*

Mixed-Use: Commercial and Residential

Brief summary of assumptions and methodology used for conducting analysis

Vehicle Methodology

Peak hour traffic operations at signalized intersection under the Recommend Project were evaluated using the Synchro software and the 2010 Highway Capacity Manual (HCM) methodology.

Transit Methodology

Using the equations described in the Transit Capacity and Quality of Service Manual 3rd Edition (TCQSM), the effects of the proposed project on transit speeds in the corridor were evaluated and compared to no-project conditions.

Opening Year: If facility is a highway or street, Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

Build year 2020:

AADT: 14,478 vehicles, 2% trucks

LOS= C

No-build year 2020:

AADT: 14,478 vehicles, 2% trucks

LOS=C

RTP Horizon Year / Design Year: If facility is a highway or street, Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

RTP Build Horizon Year 2040:

AADT: 13,778 vehicles, 2% trucks

LOS=C

RTP No-Build Horizon Year 2040:

AADT: 13,778 vehicles, 2% trucks

LOS=C

Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

N/A

RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

N/A

Opening Year: If facility is a bus, rail or intermodal facility/terminal/transfer point, # of bus arrivals for Build and No Build, % and # of bus arrivals will be diesel buses

N/A

RTP Horizon Year / Design Year: If facility is a bus, rail or intermodal facility/terminal/transfer point, # of bus arrivals for Build and No Build, % and # of bus arrivals will be diesel buses

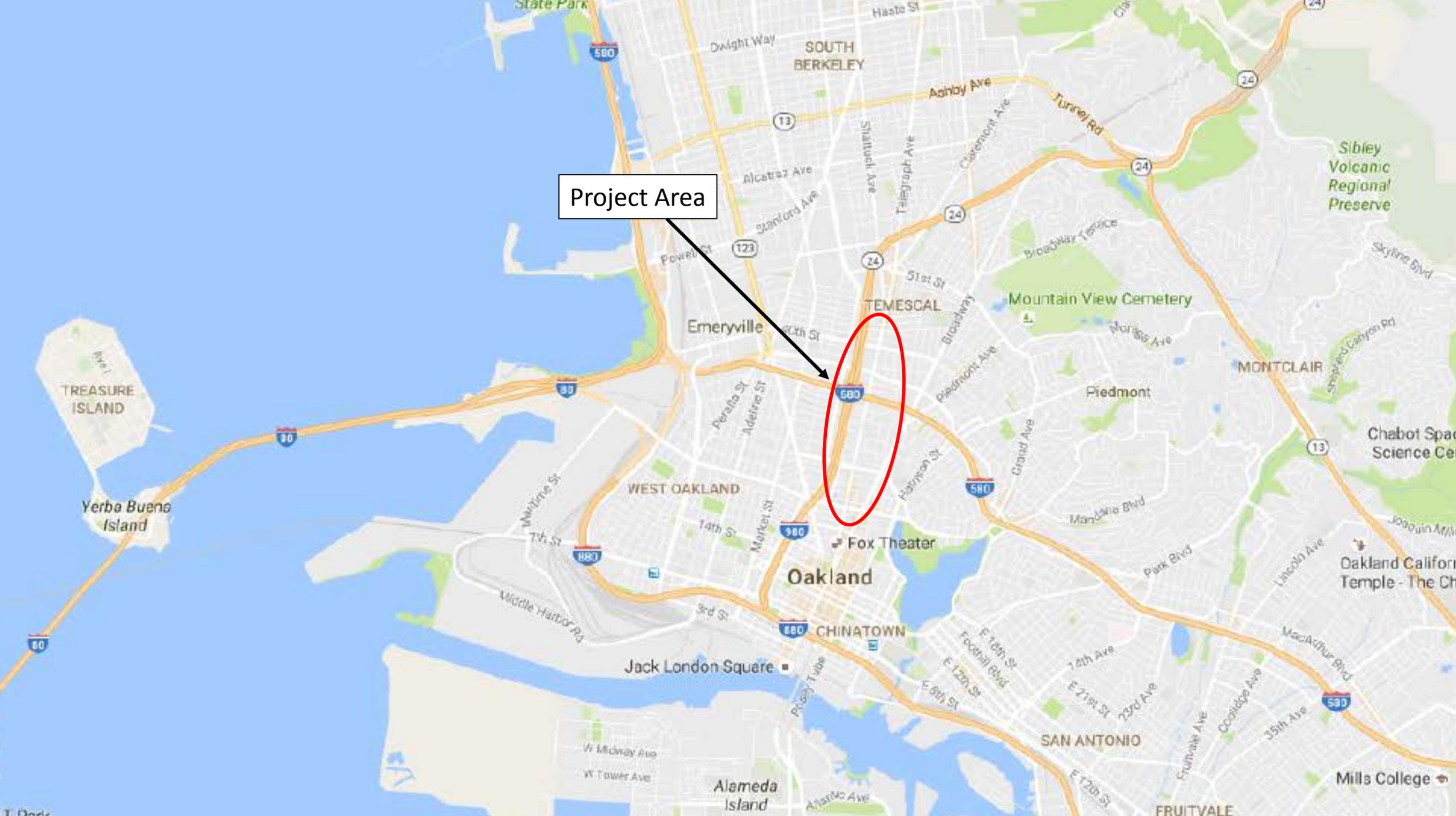
N/A

Describe potential traffic redistribution effects of congestion relief (*impact on other facilities*)

Increased non-motorized travel and reduced traffic loading on this street segment.

Comments/Explanation/Details (please be brief)

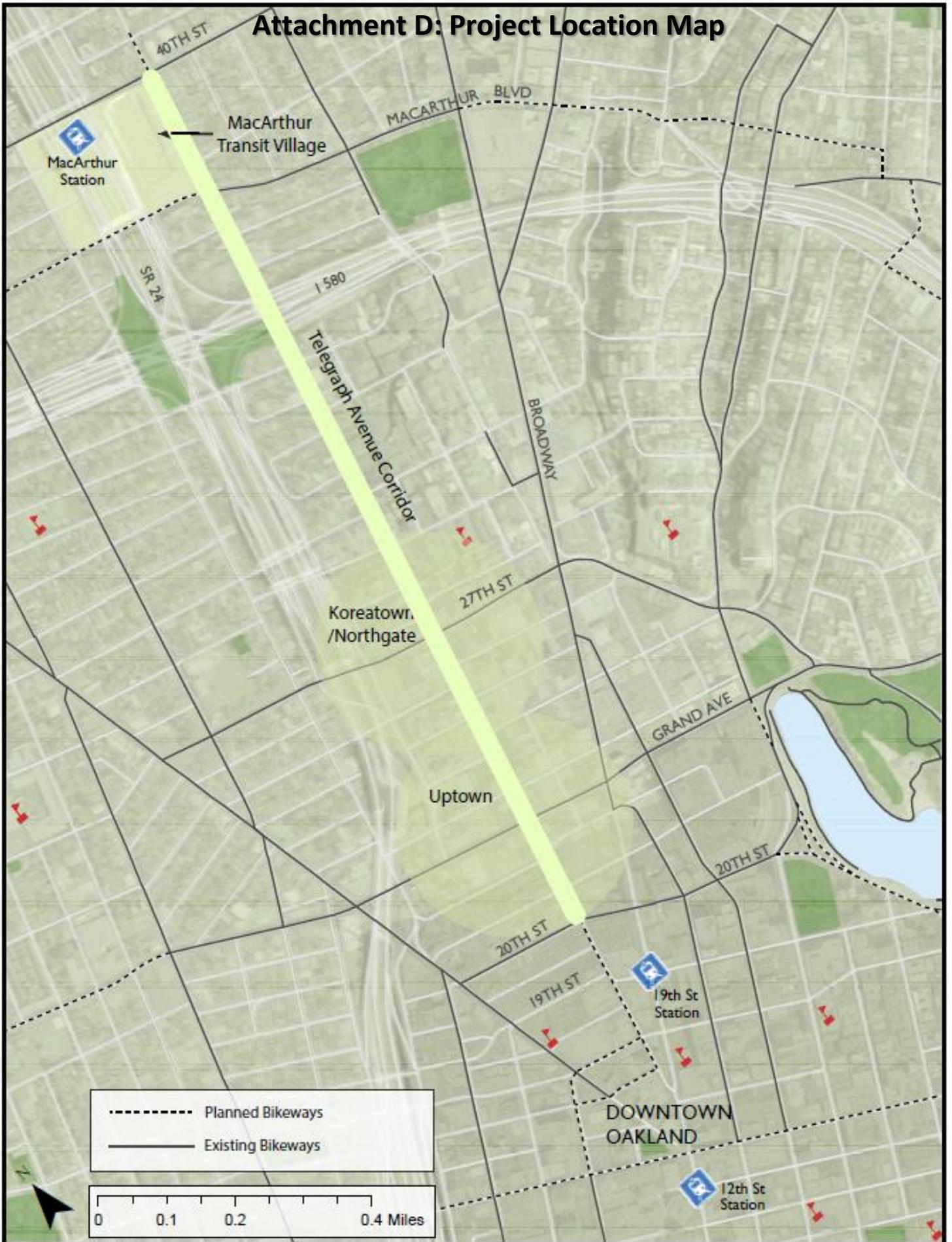
None



Project Area

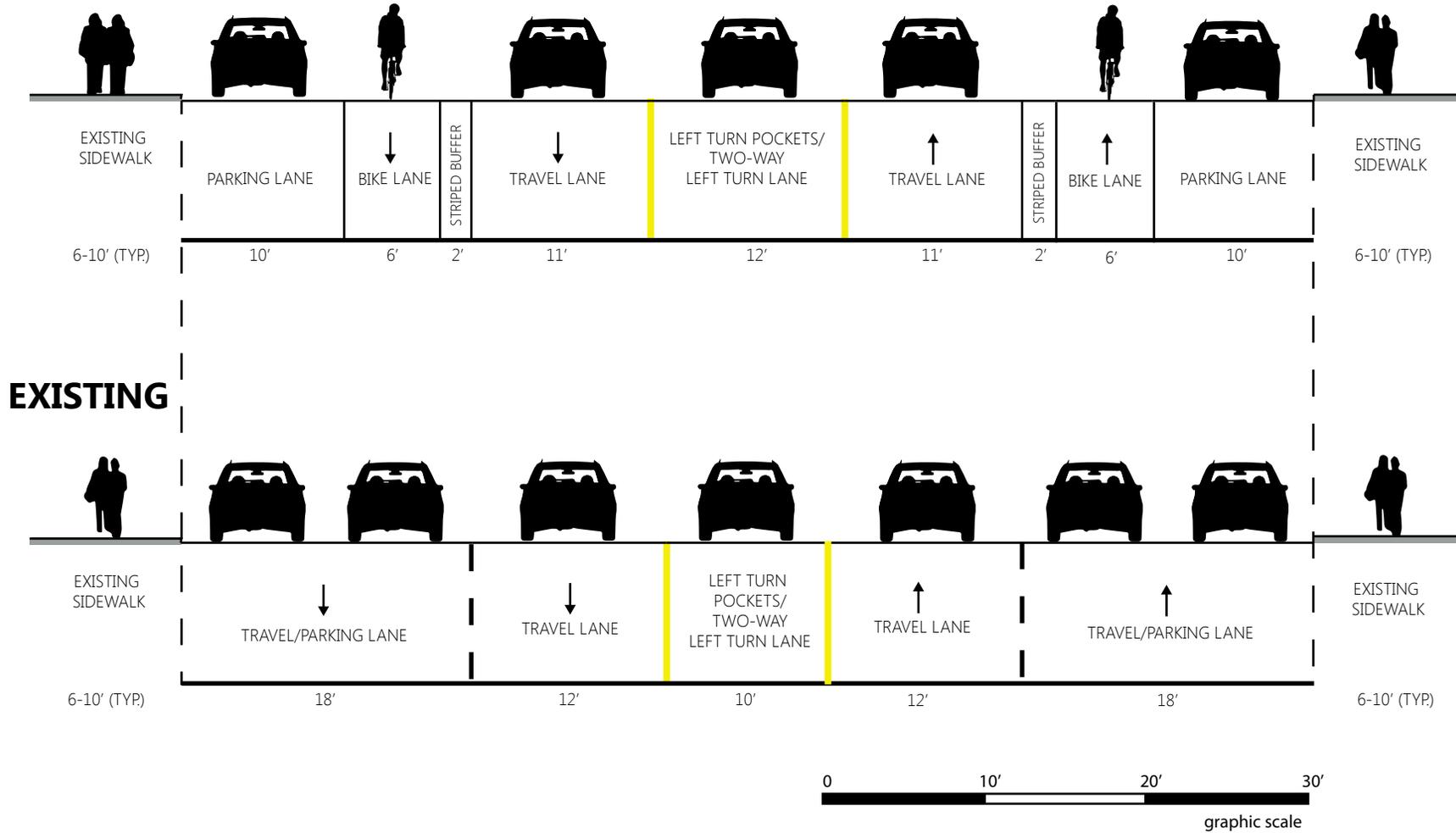


Attachment D: Project Location Map



PROPOSED ROAD DIET IMPROVEMENTS

29th Street to 40th Street



TELEGRAPH AVENUE ROAD DIET PROPOSED CROSS-SECTION
ATTACHMENT 5

Attachment E: Project Plans (Page 1/9)

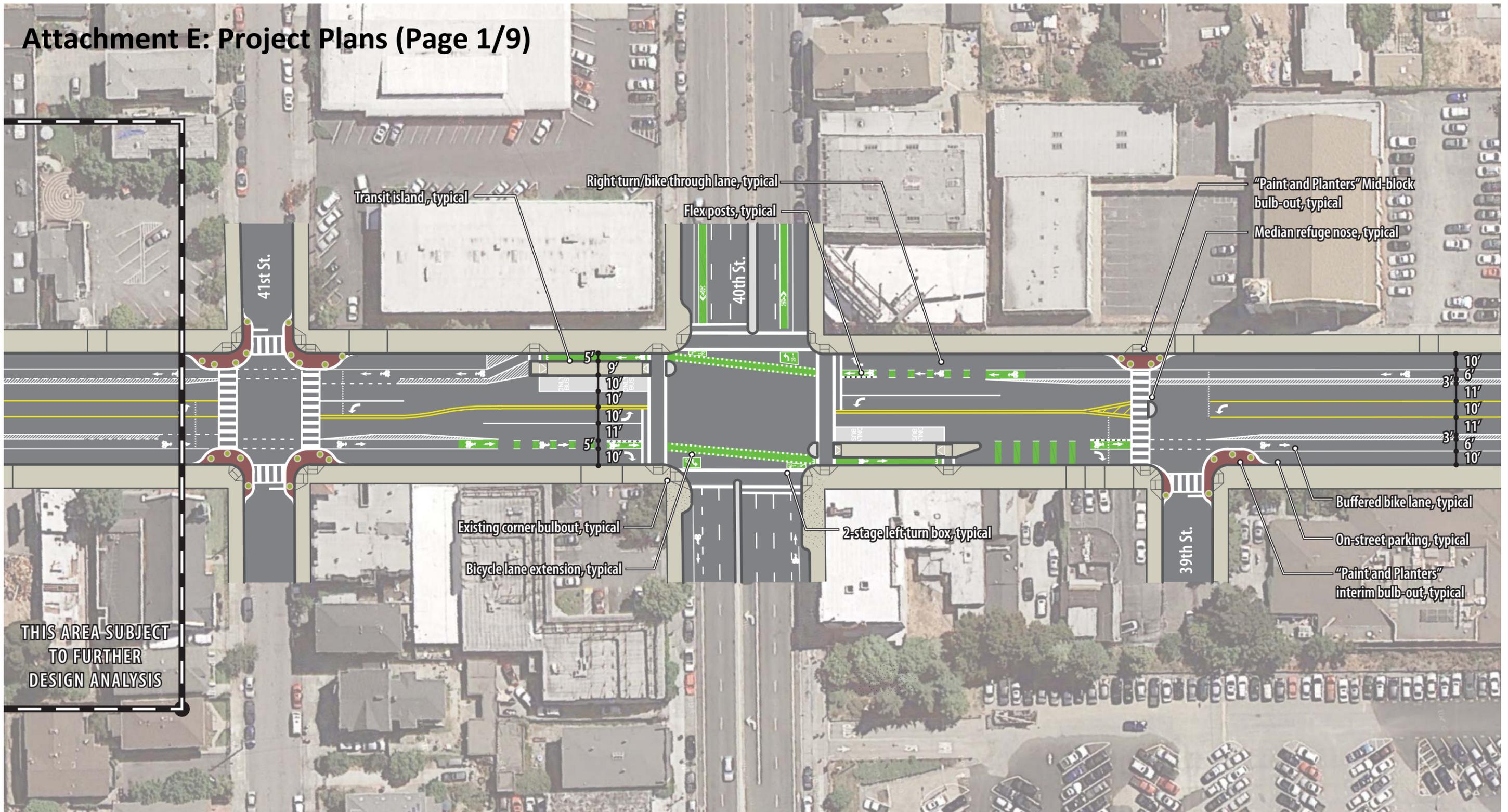
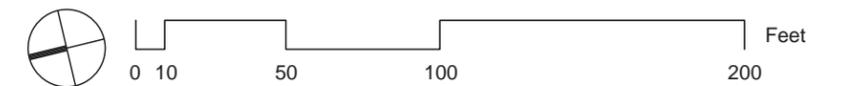


Figure A-3: Final Concept Plan Segment Drawings - 41st Street to 39th Street



Attachment E: Project Plans (Page 2/9)

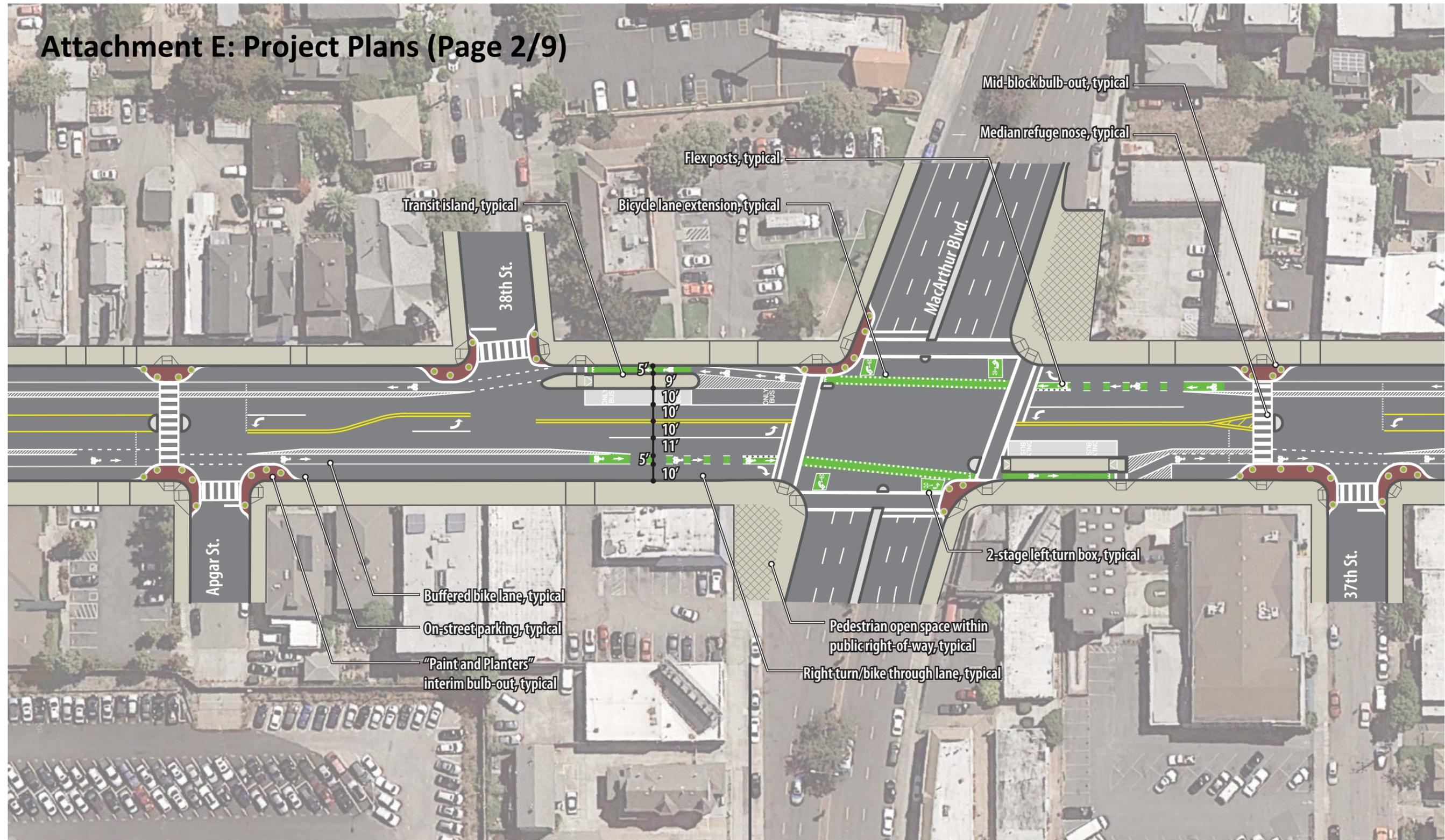
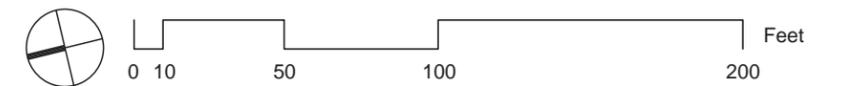


Figure A-4: Final Concept Plan Segment Drawings - Apgar Street to 37th Street



Attachment E: Project Plans (Page 3/9)

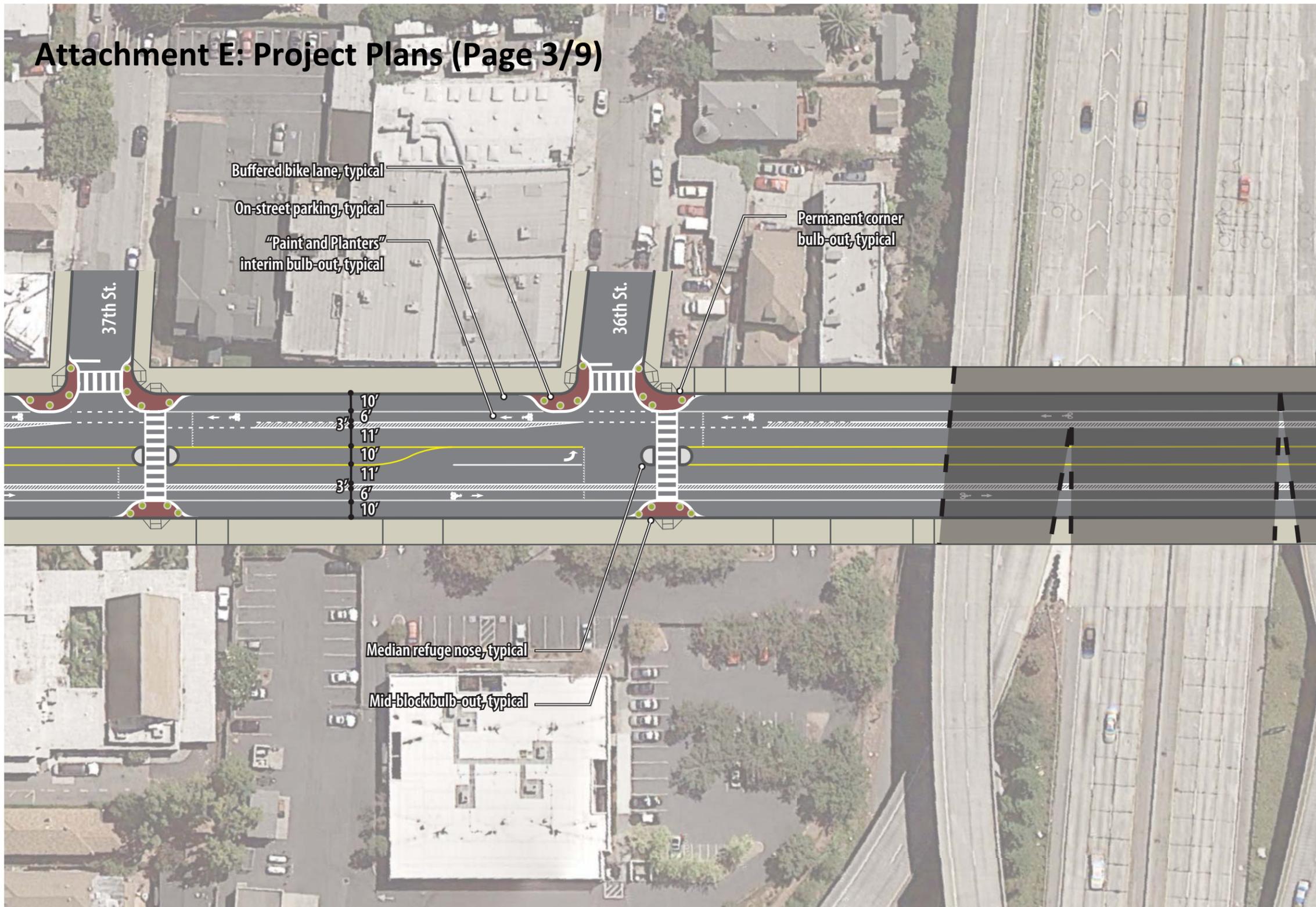
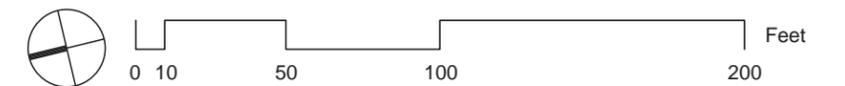


Figure A-5: Final Concept Plan Segment Drawings - 37th Street to 580 Freeway



Attachment E: Project Plans (Page 4/9)

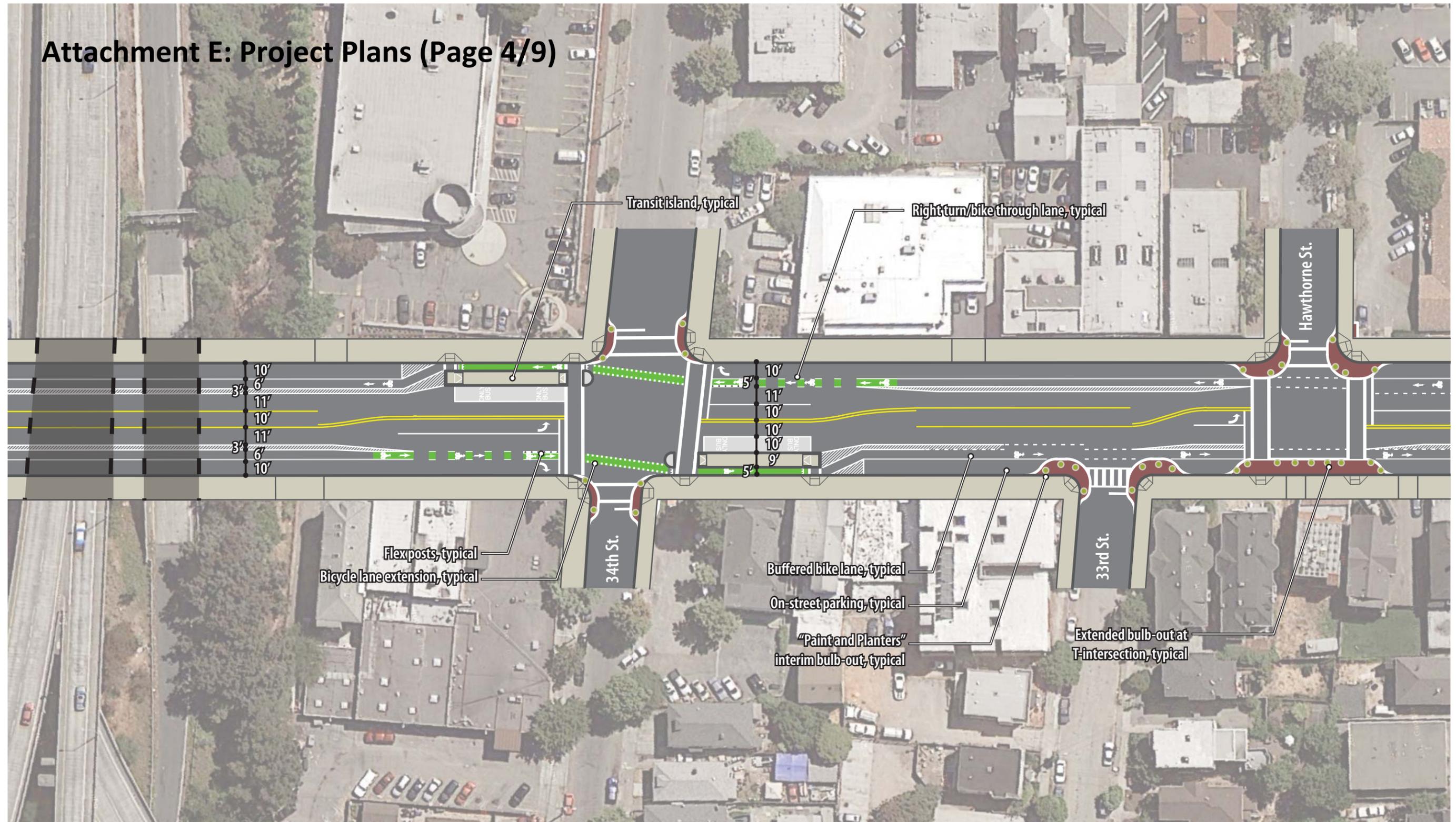
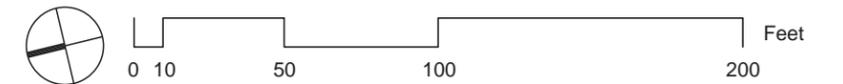


Figure A-6: Final Concept Plan Segment Drawings - 580 Freeway to Hawthorne Street



Attachment E: Project Plans (Page 5/9)

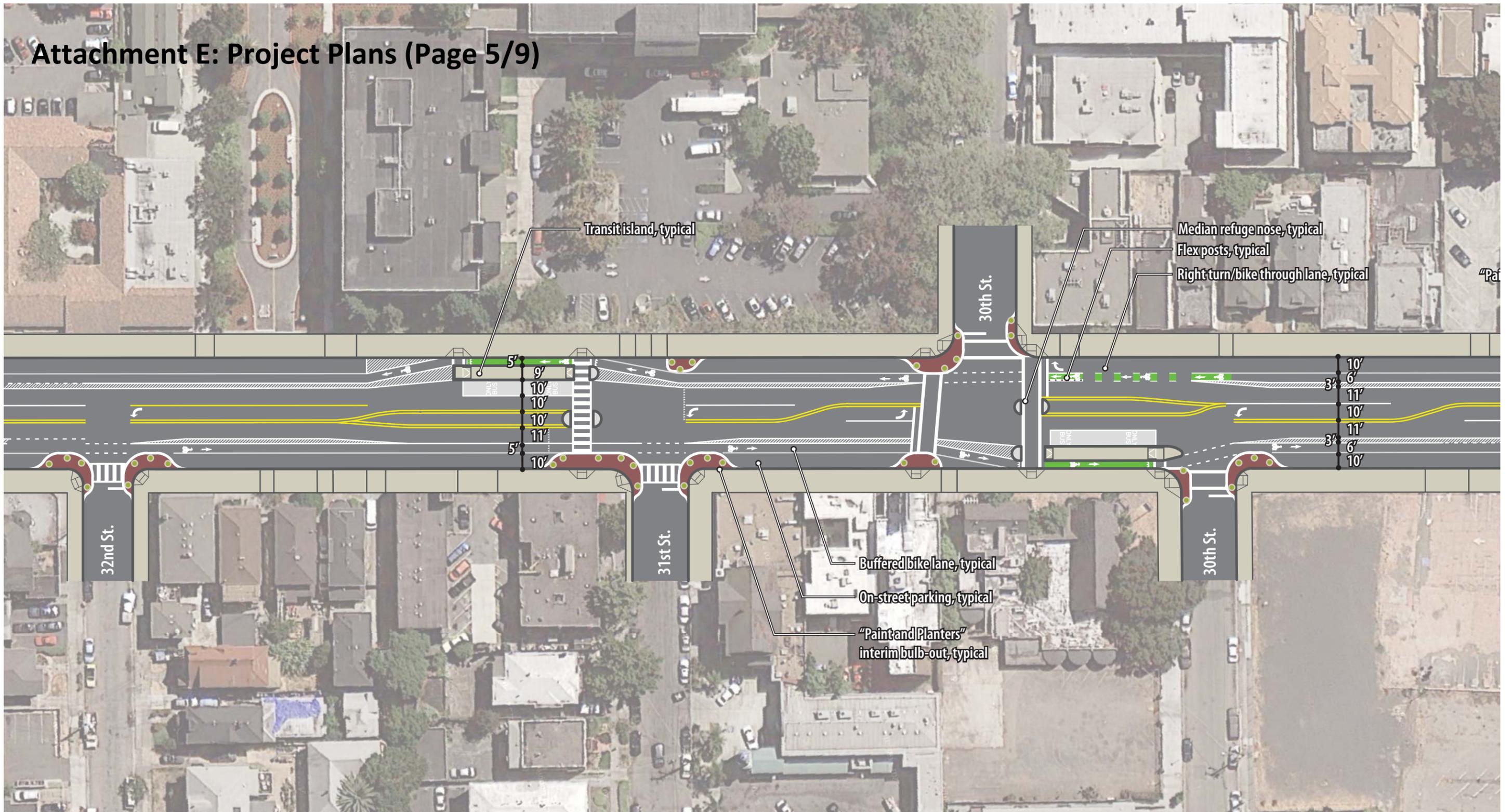
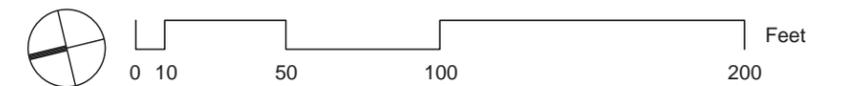


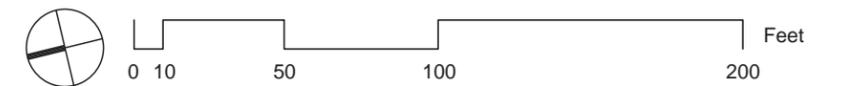
Figure A-7: Final Concept Plan Segment Drawings - 32nd Street to 30th Street



Attachment E: Project Plans (Page 6/9)



Figure A-8: Final Concept Plan Segment Drawings - 29th Street to 27th Street. The figure depicts a possible cycle track configuration.



Attachment E: Project Plans (Page 7/9)

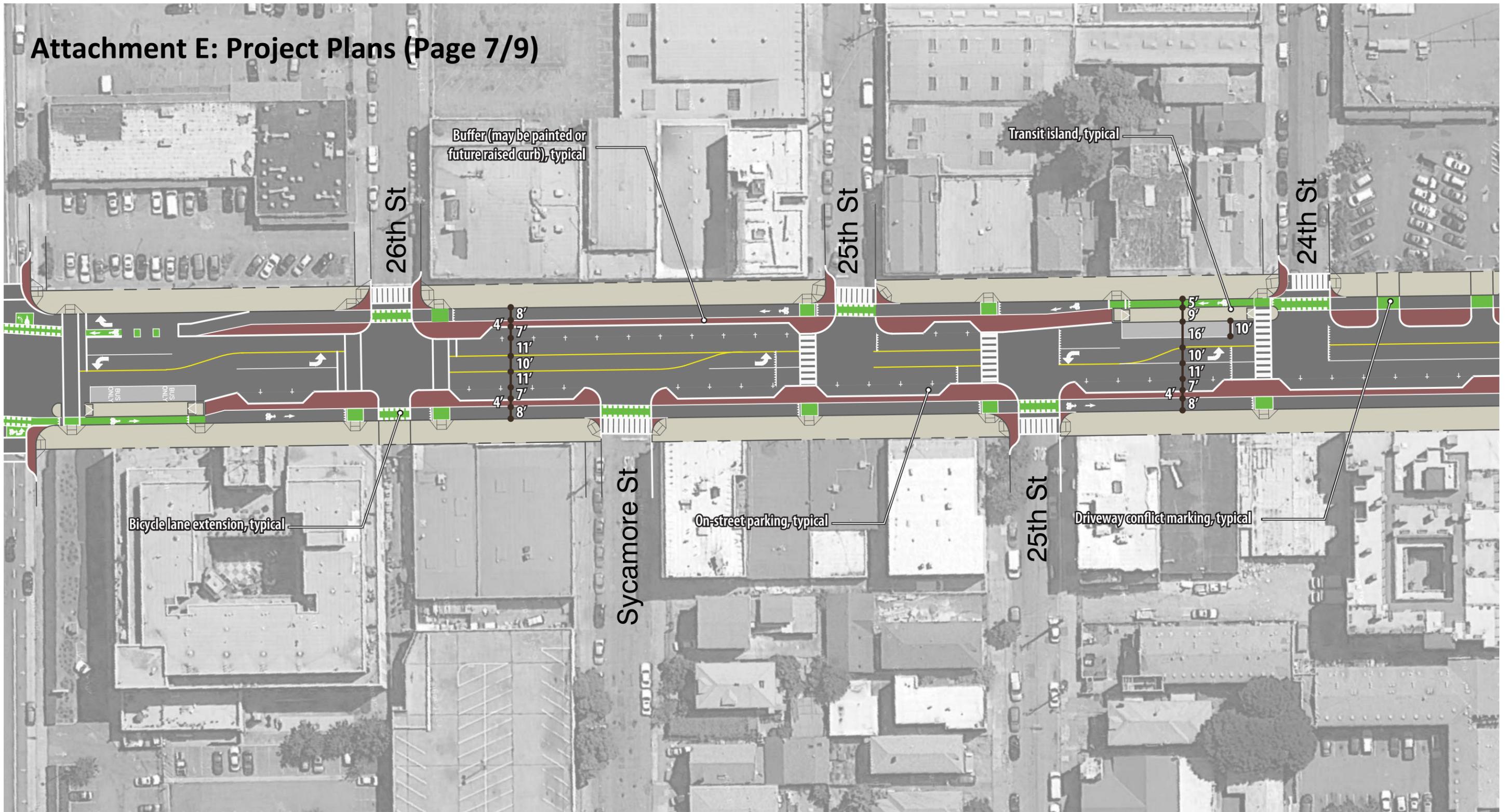
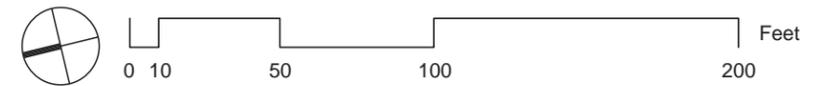


Figure A-9: Final Concept Plan Segment Drawings - 27th Street to 24th Street. The figure depicts a possible cycle track configuration.



Attachment E: Project Plans (Page 8/9)

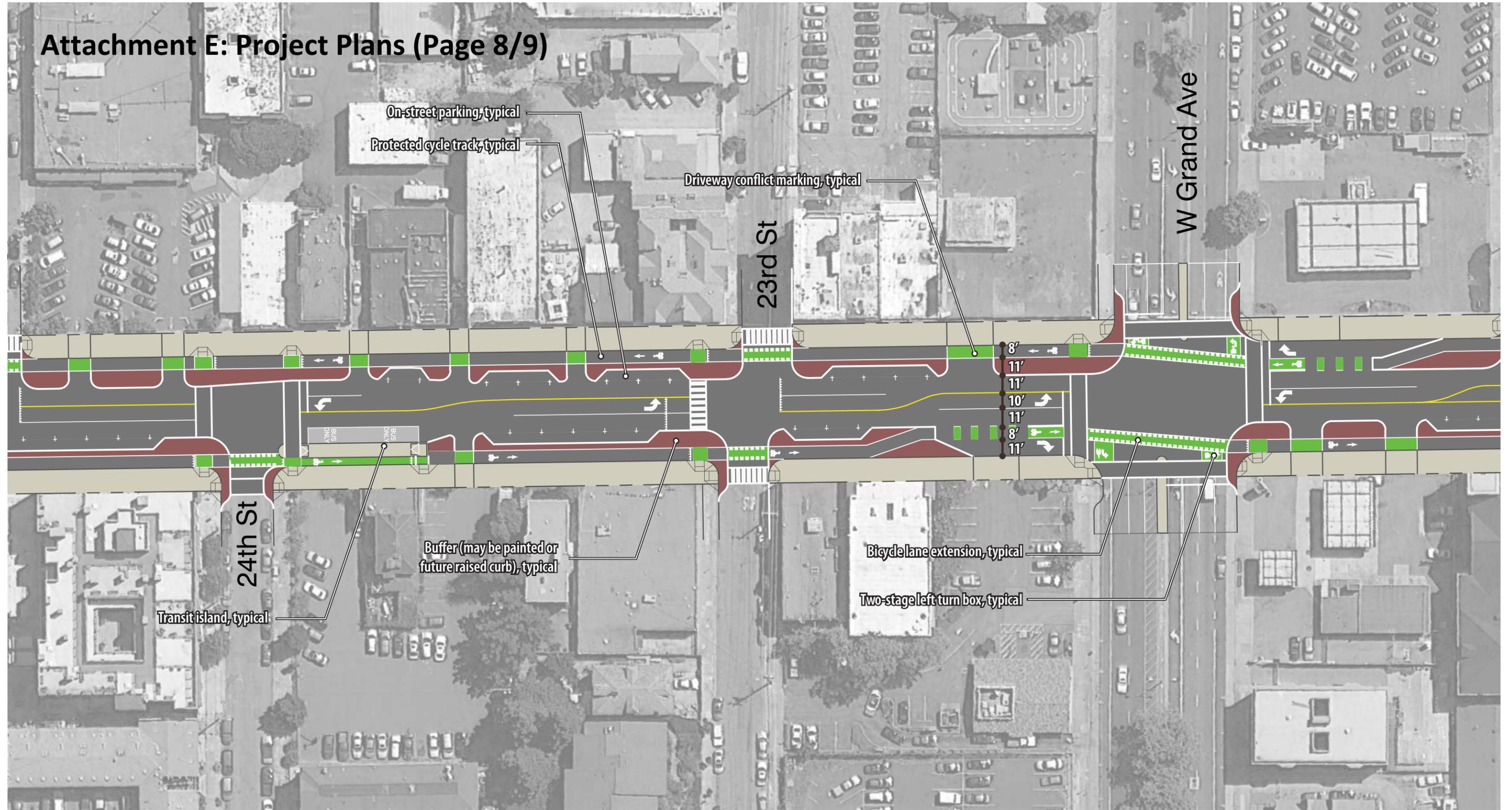
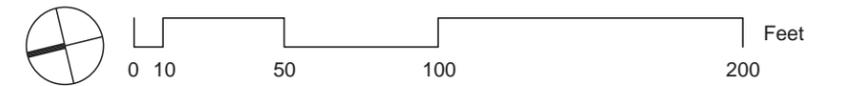


Figure A-10: Final Concept Plan Segment Drawings - 24th Street to West Grand Avenue. The figure depicts a possible cycle track configuration.



Attachment E: Project Plans (Page 9/9)

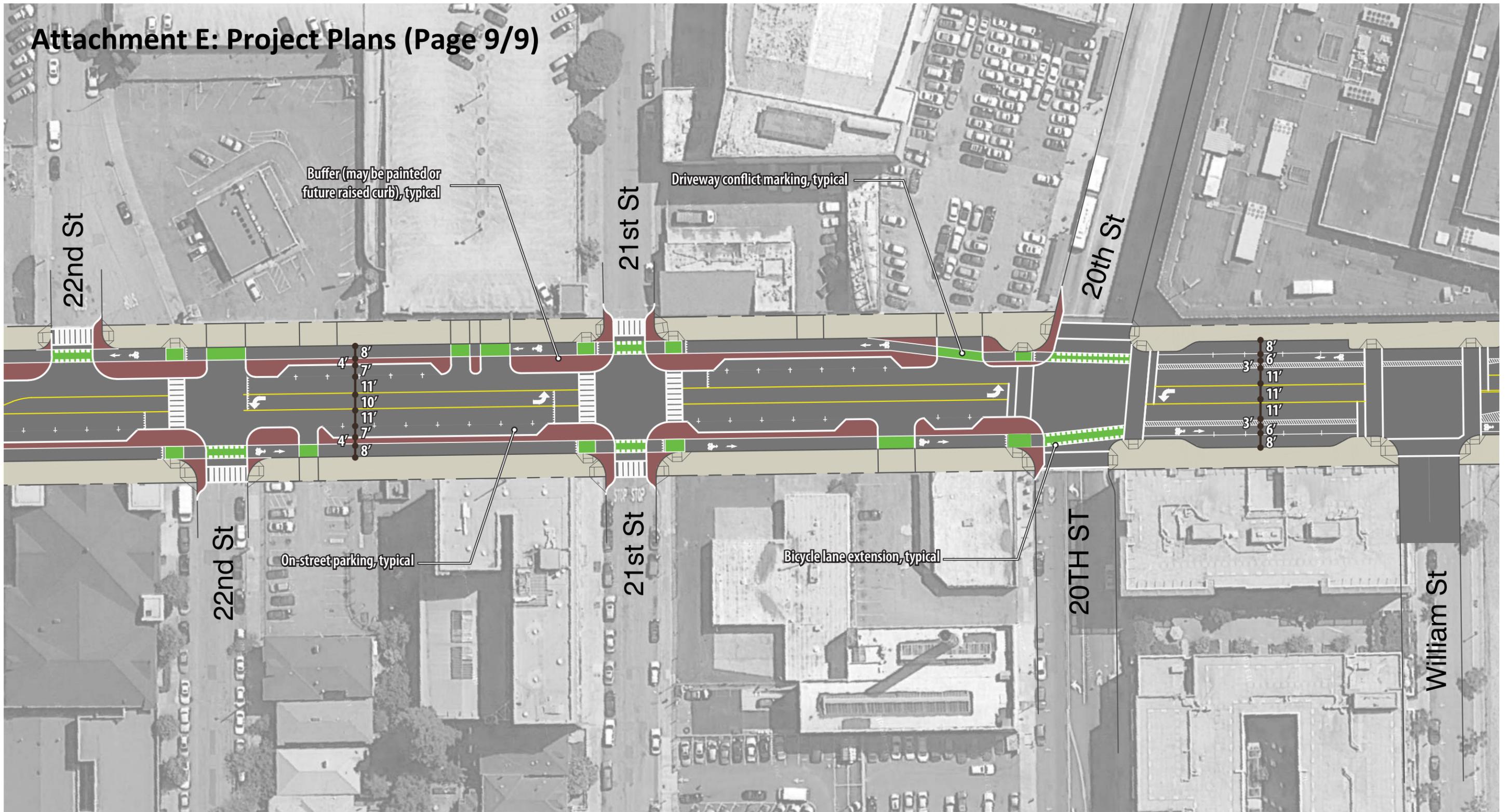
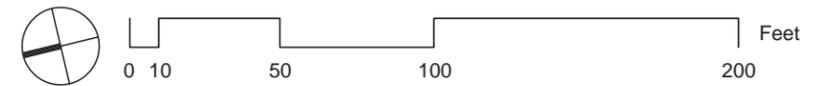


Figure A-11: Final Concept Plan Segment Drawings - 22nd Street to William Street. The figure depicts a possible cycle track configuration.



Application of Criteria for a Project of Air Quality Concern
Project Title: Telegraph Avenue Bike/Pedestrian Improvements and Road Diet (HSIP7, ALA150042)
Project Summary for Air Quality Conformity Task Force Meeting: September 2016

Description

- Lane reduction (“road diet”) from 29th Street to 42nd Street – Temporary Striping Measure.
- Permanent striping measure: Lane reduction from 43rd to 45th Street
- Reconfiguration of the Telegraph Avenue/Shattuck Avenue/45th Street intersection
- Signal modifications at 45th Street
- Raised curb extensions, median refuge islands, and ADA ramps at uncontrolled crosswalks between 29th and 45th Street
- Rectangular Rapid Flashing Beacons (RRFBs) between 41st and 44th Street
- Pavement repair between 29th and 42nd Street for cyclists

Background

- Stakeholder Outreach and Public Survey completed March 2014
- Traffic Studies completed November 2014
- No comments received on air quality
- Seeking air quality conformity determination on or before September 2016
- Schedule based on deadline for HSIP7 funding allocation

Not a Project of Air Quality Concern (40 CFR 93.123(b)(1))

(i) New or expanded highway projects with significant number/increase in diesel vehicles?

- Not a new or expanded highway project
- Roadway lane reduction project from 4 travel lanes to 2 travel lanes with a middle two-way left turn lane, and no widening of existing right-of-way
- No change in traffic volume or truck percentages on Telegraph Avenue

(ii) Affects intersections at LOS D, E, or F with a significant number of diesel vehicles?

- Diesel vehicles represent 2% of intersection traffic volume
- Intersections level of service does not degrade below LOS C
- No project changes to land use that would affect diesel traffic percentage
-

(iii) New bus and rail terminals and transfer points?—Not Applicable

(iv) Expanded bus and rail terminals and transfer points?—Not Applicable

(v) Affects areas identified in PM₁₀ or PM_{2.5} implementation plan as site of violation?

- No state implementation plan for PM_{2.5}
- Therefore, not identified in plan as an area of potential violation

RTIP ID# <i>(required)</i> 240746				
TIP ID# <i>(required)</i> ALA150042				
Air Quality Conformity Task Force Consideration Date September 2016				
Project Description <i>(clearly describe project)</i> Install crosswalk enhancements, bulb-outs, median refuges, ADA ramps, RRFBs; Implement temporary and permanent road diet with bike facilities; Modify signal on Telegraph at 45th Street; Pavement Repairs.				
Type of Project: Road Diet and Safety Improvements along Telegraph Avenue between 29 th Street and 45 th Street.				
County Alameda	Narrative Location/Route & Postmiles Telegraph Avenue is located in the City of Oakland, Planning Area 1 (North). The project corridor begins at the Northgate Area near downtown Oakland to the south, and ends at the Temescal Area to the north. Caltrans Projects – EA# N/A			
Lead Agency:				
Contact Person Si Lau	Phone# 510.238.6105	Fax# 510.238.7415	Email slau@oaklandnet.com	
Federal Action for which Project-Level PM Conformity is Needed <i>(check appropriate box)</i>				
<input checked="" type="checkbox"/> Categorical Exclusion (NEPA)	<input type="checkbox"/> EA or Draft EIS	<input type="checkbox"/> FONSI or Final EIS	<input type="checkbox"/> PS&E or Construction	<input type="checkbox"/> Other
Scheduled Date of Federal Action:				
NEPA Delegation – Project Type <i>(check appropriate box)</i>				
<input type="checkbox"/>	<input checked="" type="checkbox"/> Section 326 – Categorical Exclusion	<input type="checkbox"/> Section 327 – Non-Categorical Exclusion		
Current Programming Dates <i>(as appropriate)</i>				
	PE/Environmental	ENG	ROW	CON
Start	2016	2016	N/A	2018
End	2016	2018	N/A	2020

Project Purpose and Need (Summary): *(please be brief)*

This project will address bicycle and pedestrian safety concerns on Telegraph Avenue.

Surrounding Land Use/Traffic Generators *(especially effect on diesel traffic)*

Mixed-Use: Residential and Commercial

Brief summary of assumptions and methodology used for conducting analysis

Vehicle Methodology

Peak hour traffic operations at signalized intersection under the Recommend Project were evaluated using the Synchro software and the 2010 Highway Capacity Manual (HCM) methodology.

Transit Methodology

Using the equations described in the Transit Capacity and Quality of Service Manual 3rd Edition (TCQSM), the effects of the proposed project on transit speeds in the corridor were evaluated and compared to no-project conditions.

Opening Year: If facility is a highway or street, Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

Build year 2020:

AAADT: 14,478 vehicles, 2% trucks

LOS= C

No-build year 2020:

AAADT: 14,478 vehicles, 2% trucks

LOS=C

RTP Horizon Year / Design Year: If facility is a highway or street, Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

RTP Build Horizon Year 2040:

AAADT: 13,778 vehicles, 2% trucks

LOS=C

RTP No-Build Horizon Year 2040:

AAADT: 13,778 vehicles, 2% trucks

LOS=C

Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

N/A

RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

N/A

Opening Year: If facility is a bus, rail or intermodal facility/terminal/transfer point, # of bus arrivals for Build and No Build, % and # of bus arrivals will be diesel buses

N/A

RTP Horizon Year / Design Year: If facility is a bus, rail or intermodal facility/terminal/transfer point, # of bus arrivals for Build and No Build, % and # of bus arrivals will be diesel buses

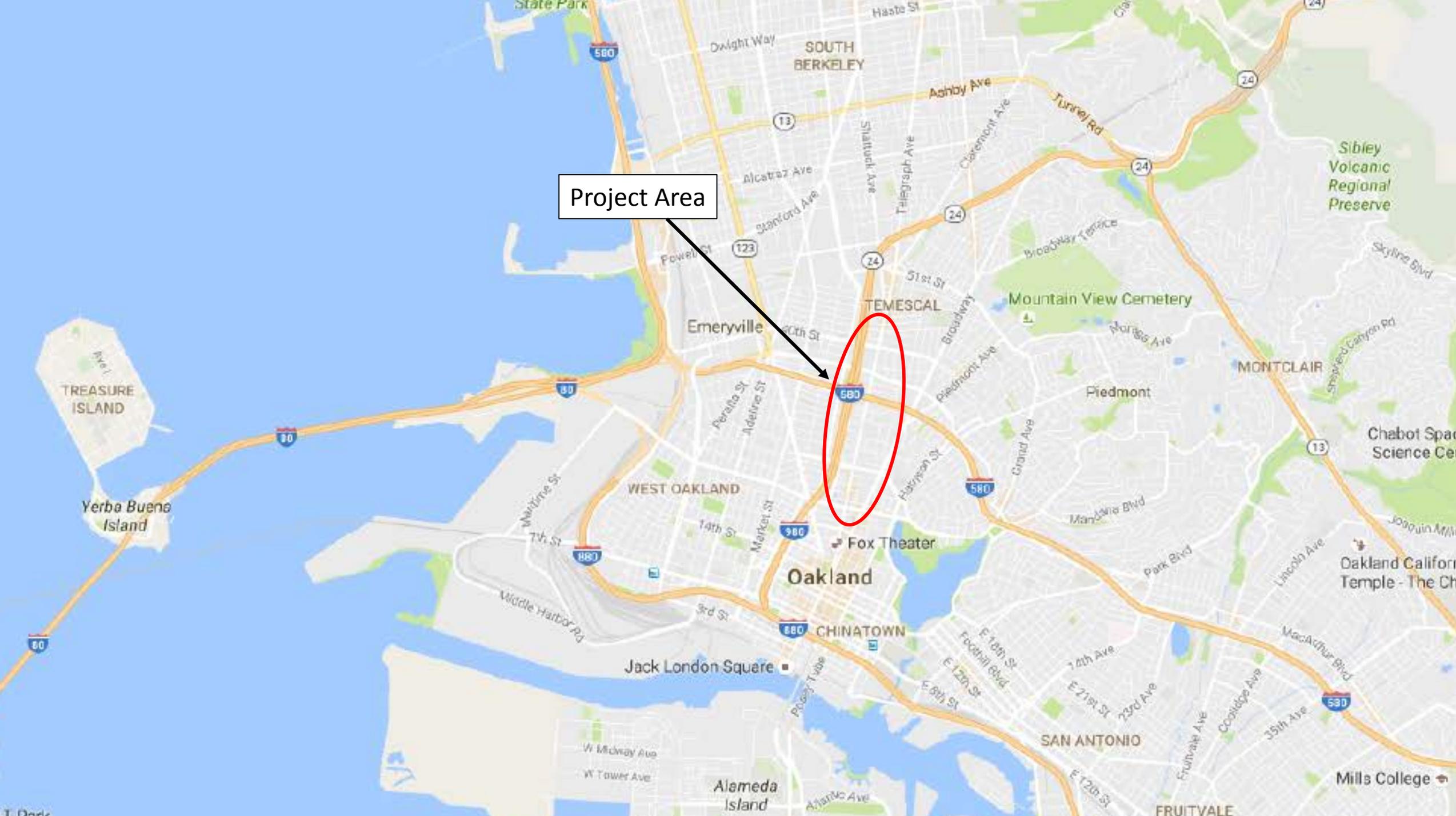
N/A

Describe potential traffic redistribution effects of congestion relief (*impact on other facilities*)

Increased non-motorized travel and reduced traffic loading on this street segment.

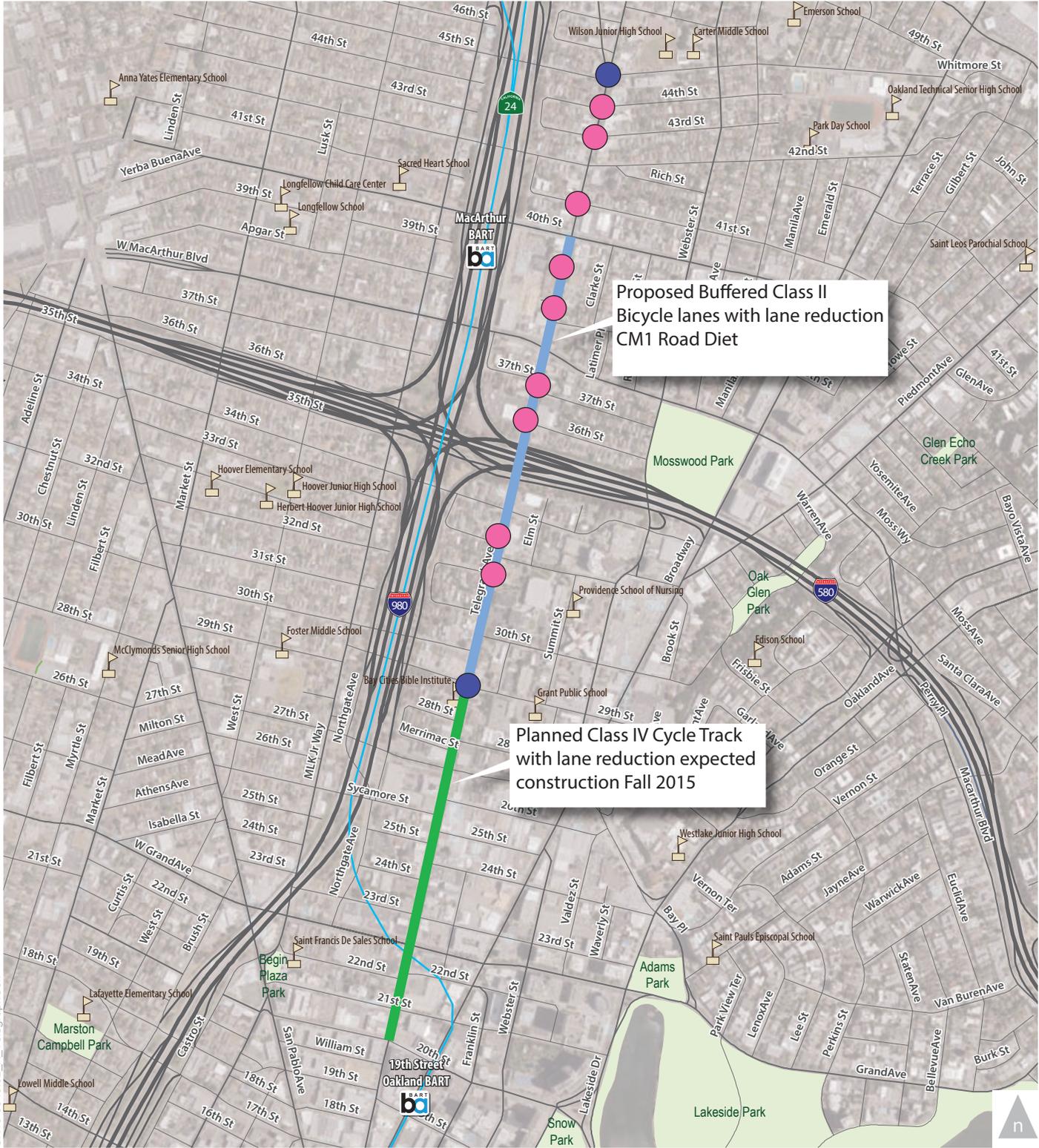
Comments/Explanation/Details (please be brief)

None



Project Area





Proposed Buffered Class II
Bicycle lanes with lane reduction
CM1 Road Diet

Planned Class IV Cycle Track
with lane reduction expected
construction Fall 2015

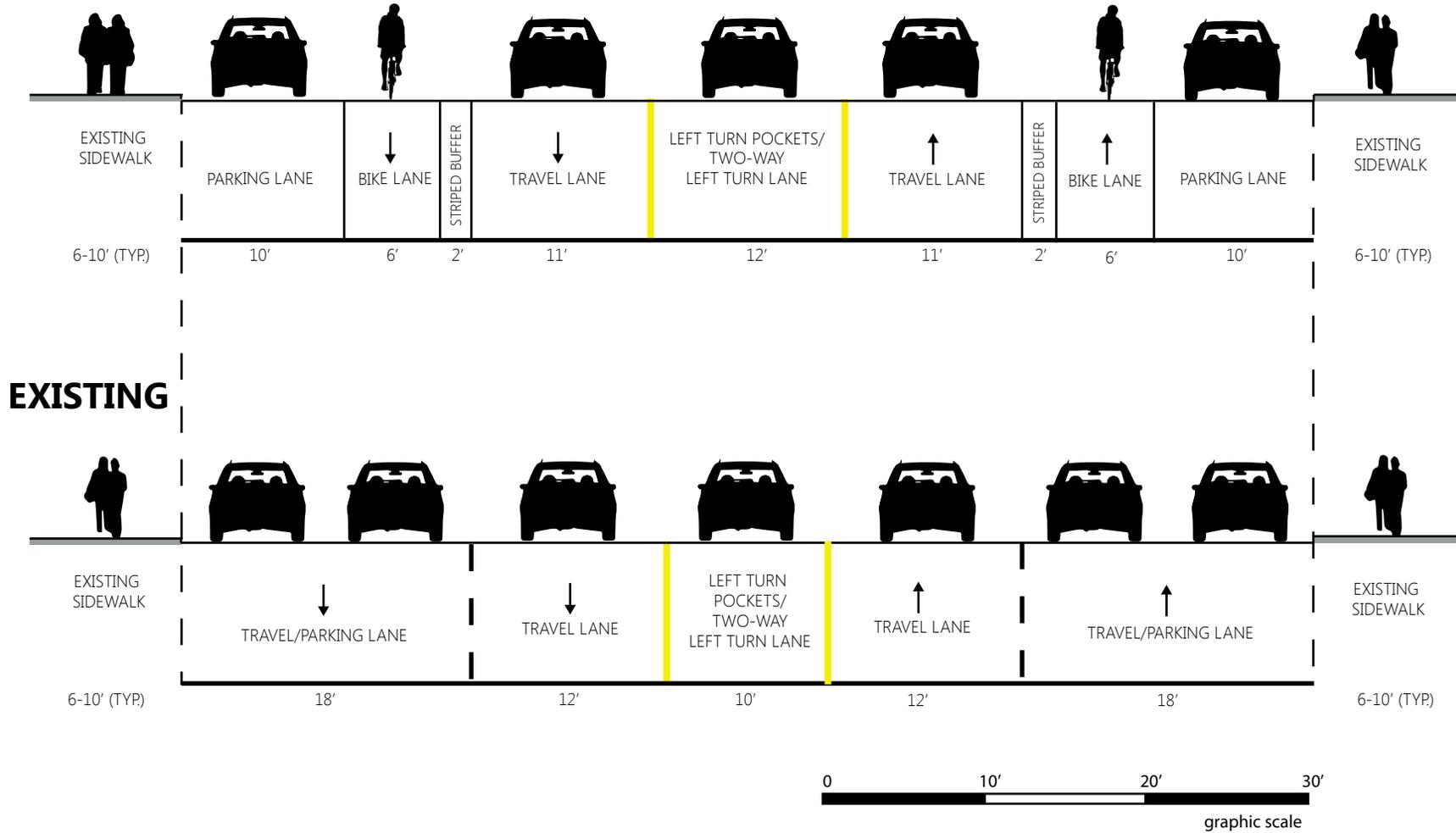
LEGEND

- Proposed Pedestrian Crossing Improvements
CM2 Uncontrolled Crosswalk Enhancements
- Protected Phasing Added as Other Safety Countermeasure



PROPOSED ROAD DIET IMPROVEMENTS

29th Street to 40th Street



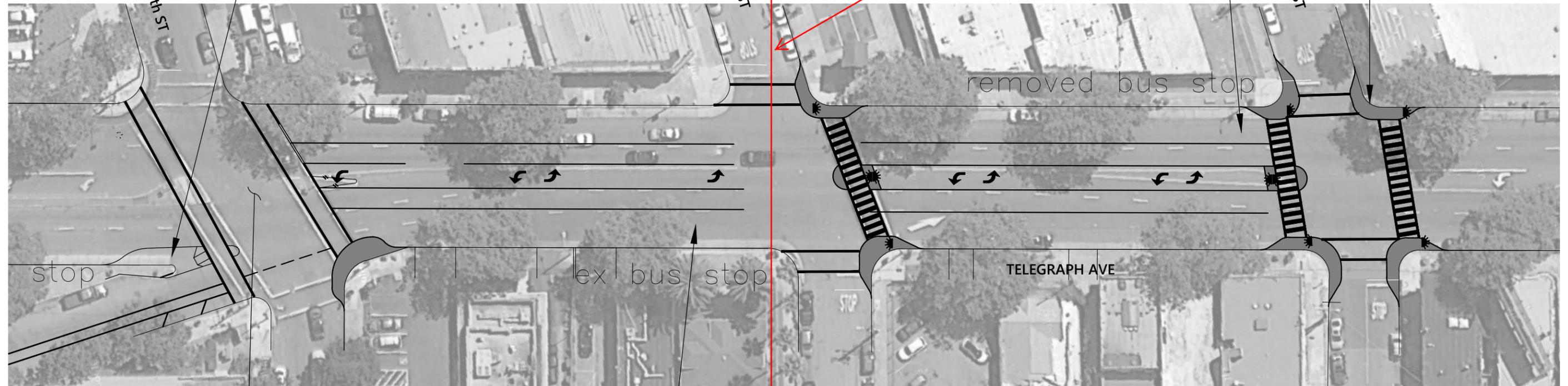
TELEGRAPH AVENUE ROAD DIET PROPOSED CROSS-SECTION
ATTACHMENT 5

EXTEND SIDEWALK TO ENHANCE PEDESTRIAN ACCESS & CREATE REFUGE

OTHER SAFETY COUNTERMEASURES

REMOVE EXISTING BUS STOP

INSTALL PAINTED CURB EXTENSIONS



MODIFY SIGNAL TO PROVIDE SEPARATE PHASE FOR SOUTHBOUND SHATTUCK TRAFFIC

GREEN SKIP STRIPING THROUGH EXISTING BUS STOP

GENERAL NOTES:

1. REMOVE ONE TRAVEL LANE IN EACH DIRECTION & REPLACE WITH TWO-WAY LEFT TURN LANE & CLASS II BICYCLE LANES WITH BUFFER BETWEEN 45TH STREET AND 29TH STREET.
2. STRIPE HIGH-VISIBILITY CROSSWALKS ACROSS TELEGRAPH AS NOTED. STRIPE CROSSWALKS (TYP.) ACROSS SIDE STREETS.



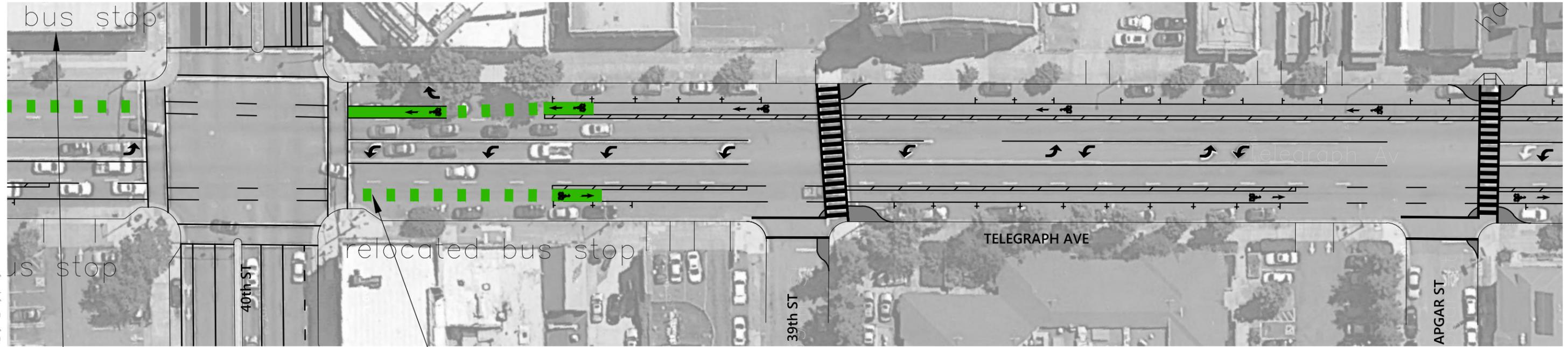
NOTE: EACH VIEWPORT REFLECTS CM2 UNCONTROLLED CROSSWALK ENHANCEMENTS

CM1 ROAD DIET ONLY APPLIES SOUTH OF 41ST STREET

ATTACHMENT 4A
Telegraph Ave
between 45th & 41st Street



NOTE: VIEWPORTS REFLECTS CM1 ROAD DIET AND CM2 UNCONTROLLED CROSSWALK ENHANCEMENTS INFLUENCE AREAS



GREEN SKIP STRIPING THROUGH EXISTING BUS STOP

RELOCATED BUS STOP, STRIPE GREEN SKIP STRIPING



GREEN SKIP STRIPING THROUGH EXISTING BUS STOP

RELOCATED BUS STOP, STRIPE GREEN SKIP STRIPING

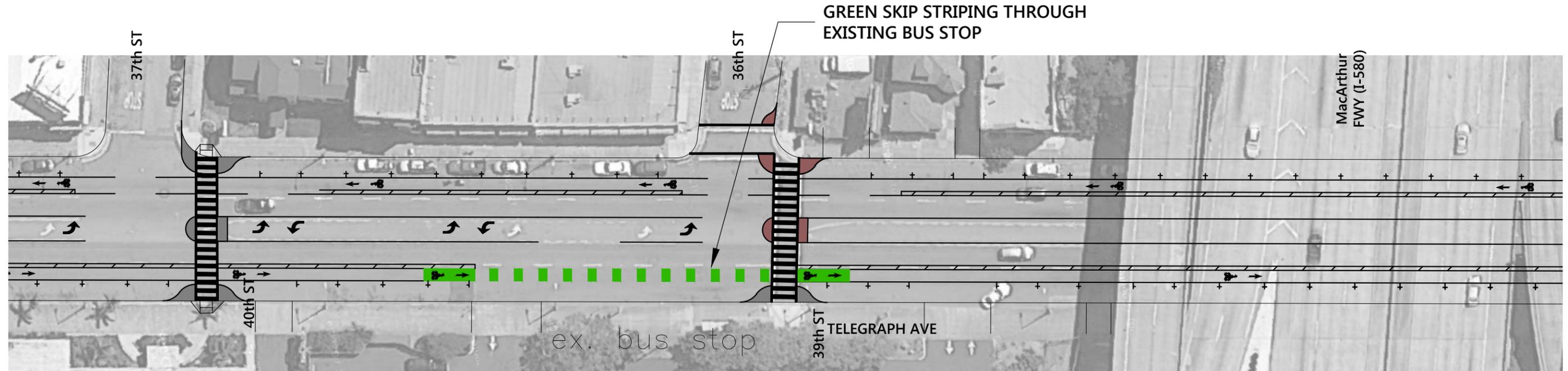
ATTACHMENT 4B
Telegraph Ave
between 41st & 37th Street

CADD FILE: N:\Projects\2015\OK15-0049.02_Oakland_HSIP_Grant_Applications\CAD\Figures\0049.02_Figures_Telegraph.dwg
Jul 30, 2015



GENERAL NOTES:

1. REMOVE ONE TRAVEL LANE IN EACH DIRECTION & REPLACE WITH TWO-WAY LEFT TURN LANE & CLASS II BICYCLE LANES WITH BUFFER BETWEEN 45TH STREET AND 29TH STREET.
2. STRIPE HIGH-VISIBILITY CROSSWALKS ACROSS TELEGRAPH AS NOTED. STRIPE CROSSWALKS (TYP.) ACROSS SIDE STREETS.



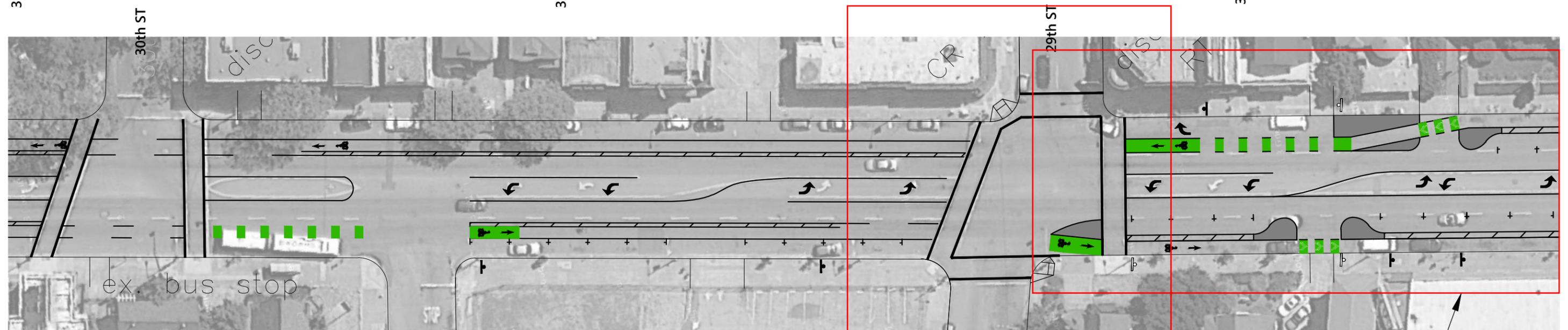
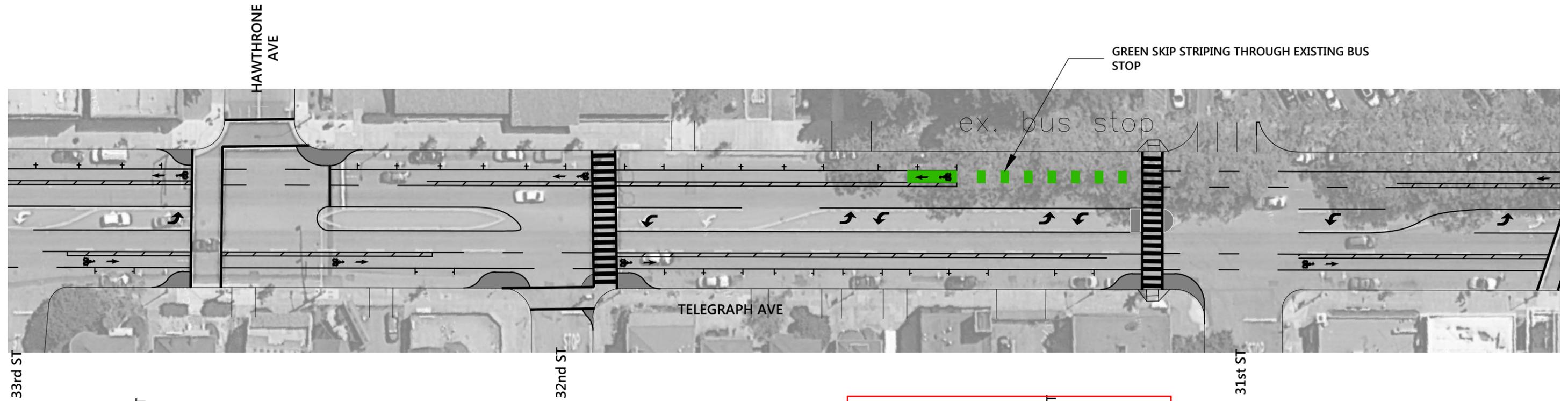
NOTE: VIEWPORTS REFLECTS CM1 ROAD DIET AND CM2 UNCONTROLLED CROSSWALK ENHANCEMENTS INFLUENCE AREAS



GENERAL NOTES:

1. 1. REMOVE ONE TRAVEL LANE IN EACH DIRECTION & REPLACE WITH TWO-WAY LEFT TURN LANE & CLASS II BICYCLE LANES WITH BUFFER BETWEEN 45TH STREET AND 29TH STREET.
2. 2. STRIPE HIGH-VISIBILITY CROSSWALKS ACROSS TELEGRAPH AS NOTED. STRIPE CROSSWALKS (TYP.) ACROSS SIDE STREETS.

NOTE: VIEWPORTS REFLECTS CM1 ROAD DIET AND CM2 UNCONTROLLED CROSSWALK ENHANCEMENTS INFLUENCE AREAS



OTHER SAFETY COUNTERMEASURES: PROTECTED LEFT-TURNS AT 29TH STREET

CLASS IV CYCLE TRACK FUNDED & PLANNED WITH INSTALLATION EXPECTED FALL 2015

ATTACHMENT 4D
Telegraph Ave
between 33rd & 29th Street



40 CFR 93.126 Exempt Projects List

County	TIP ID	Sponsor	Project Name	Project Description	Expanded Description	Project Type under 40 CFR 93.126
ALA	ALA110137	Fremont	Washington Blvd Safety Imps HSIP7-04-008	HSIP7-04-008 Construct curb bulb-out with RRFB on Washington at Olive. Install buffered bike lane striping, radar feedback signs, and APS/Countdown on Washington Blvd	The project will improve the uncontrolled pedestrian crossing on Washington at Olive by constructing curb bulb-outs and Rectangular Rapid Fire Beacons along with a wider median for refuge. The vehicle lanes on Washington will be narrowed and radar feedback signs will be installed to slow vehicular traffic between Fremont Boulevard and I-680. Buffered bike lanes will be installed along the corridor for improved bicycle safety.	Safety - Safety improvement program



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375 Beale Street
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TEL 415.778.6700
WEB www.mtc.ca.gov

Memorandum

TO: Air Quality Conformity Task Force

DATE: September 22, 2016

FR: Adam Crenshaw

W. I.

RE: Review of the Regional Conformity Status for New and Revised Projects

Staff has prepared the following information in an effort to streamline the review of the regional air quality conformity implications of projects that staff proposes to revise or add into the 2015 TIP through current or future revisions. This item is for advisory purposes only. The inclusion of these projects and project changes in a proposed revision to the TIP is subject to Commission approval in the case of amendments and MTC's Executive Director or Deputy Executive Director in the case of administrative modifications. The final determination of the regional air quality conformity status of these projects will be made by the Federal Highway Administration, the Federal Transit Administration and the Environmental Protection Agency as part of their review of proposed final TIP amendments and by the Executive Director or Deputy Executive Director as part of their review for TIP administrative modifications.

Projects Staff Are Proposing to Include in the 2015 TIP

Staff has received requests from sponsors to add seven new group listed projects to the 2015 TIP. Attachment A includes a list of these proposed new projects along with the regional air quality category that staff believes best describes the projects.

MTC staff is not seeking a determination on the status of these projects for project-level conformity purposes with this item.

Item 3a - Attachment A						
County	TIP ID/FMS ID	Sponsor	Project Name	Project Description	Project Expanded Description	Project Type
Proposed New Group Listed Projects for Regional Air Quality Conformity Status Review						
Contra Costa	VAR110003	Caltrans	SHOPP - Roadway Preservation	In Richmond, El Cerrito, San Pablo, Pinole and Hercules: I-80 from Alameda County line to Route 4: Pavement rehabilitation.	In Richmond, El Cerrito, San Pablo, Pinole and Hercules: I-80 from Alameda County line to Route 4: Pavement rehabilitation.	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation
Solano	VAR110003	Caltrans	SHOPP - Roadway Preservation	In and near Rio Vista: SR-12 from Currie Road to Sacramento County line: Roadway rehabilitation.	In and near Rio Vista: SR-12 from Currie Road to Sacramento County line: Roadway rehabilitation.	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation
Sonoma	VAR110004	Caltrans	SHOPP - Collision Reduction	Near Schellville: SR-121 from north of Tolay Creek Bridge to south of Yellow Creek Bridge: Widen for standard shoulders, upgrade curves to standard, and install rumble strips.	Near Schellville: SR-121 from north of Tolay Creek Bridge to south of Yellow Creek Bridge: Widen for standard shoulders, upgrade curves to standard, and install rumble strips.	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)
San Mateo	VAR110005	Caltrans	SHOPP - Emergency Response	Near Pacifica: SR-1 at the Tom Lantos Tunnels: Perform outstanding environmental mitigation commitments.	Near Pacifica: SR-1 at the Tom Lantos Tunnels: Perform outstanding environmental mitigation commitments.	EXEMPT (40 CFR 93.126) -Plantings, landscaping, etc.
San Mateo	VAR110042	Caltrans	SHOPP - Mandates	In Burlingame, Hillsborough, and Millbrae: SR-82 from Barroilhet Avenue to Millbrae Avenue: Upgrade curb ramps and sidewalks to ADA standards.	In Burlingame, Hillsborough, and Millbrae: SR-82 from Barroilhet Avenue to Millbrae Avenue: Upgrade curb ramps and sidewalks to ADA standards.	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities.
Napa	VAR110044	Caltrans	SHOPP - Bridge Preservation	Near Napa: SR-121 at Sarco Creek Bridge #21-0008: Plant establishment for bridge replacement project.	Near Napa: SR-121 at Sarco Creek Bridge #21-0008: Plant establishment for bridge replacement project.	EXEMPT (40 CFR 93.126) -Plantings, landscaping, etc.
Napa	VAR110044	Caltrans	SHOPP - Bridge Preservation	In Calistoga: SR-29 at Napa River Bridge No. 21-0018: Environmental mitigation and plant establishment for bridge replacement project.	In Calistoga: SR-29 at Napa River Bridge No. 21-0018: Environmental mitigation and plant establishment for bridge replacement project.	EXEMPT (40 CFR 93.126) -Plantings, landscaping, etc.

J:\SECTION\PLANNING\AIRQUAL\TSKFORCE\2016\9-22-16\Draft\[3a_Attachment-A_List_of_Proposed_New_Projects_9-22-16.xlsx]Sheet1

**Air Quality Conformity Task Force
Summary Meeting Notes
August 25, 2016**

Participants:

Ginger Vagenas – EPA

Stew Sonnenberg – FHWA

Dick Fahey – Caltrans

Andrea Gordon – BAAQMD

Adam Crenshaw – MTC

Adam Noelting – MTC

Dominique Paukowits – FTA

Harold Brazil – MTC

- 1. Welcome and Self Introductions:** Harold Brazil (MTC) called the meeting to order at 9:34 am.
- 2. PM_{2.5} Project Conformity Interagency Consultations**
 - a. Confirm Projects Are Exempt from PM_{2.5} Conformity**
 - i. Confirmation of the list of exempt projects from PM_{2.5} conformity (2b_Exempt List 081216.pdf)**

Please refer to the Task Force email trail attachment at the end of these summary meeting notes and email attachments can be found at:

<https://www.dropbox.com/sh/t72pigw6yoly1gp/AABgcMitD1cdbGAYTh4Ec753a?dl=0>

Final Determination: With input from FHWA (via email described above), FTA, EPA, Caltrans and MTC, the Task Force agreed that the project on the exempt list **(2b_Exempt List 081216.pdf)** is exempt from PM_{2.5} project level analysis.

3. Draft 2017 Transportation Improvement Program (TIP) & Draft Air Quality Conformity Analysis (Scheduling Update)

Harold Brazil (MTC) discussed how staff continues to review and respond to the submitted comments. The timeline/schedule for the Draft Conformity Analysis has been updated to allow for an additional Task Force meeting (on September 22nd) to discuss MTC's comment responses prior to Commission approval (on September 28th). Stew Sonnenberg (FHWA) and Dominique Paukowits (FTA) asked how many negative comments were received on the 2017 TIP Conformity Analysis and Adam Crenshaw (MTC) indicated that there were comments received on 20 projects. Andrea Gordon (BAAQMD) discussed how the conformity and environmental impact report (EIR) processes are distinguished from one another.

4. Approach to Transportation Conformity for MTC's Updated Long-Range Regional Transportation Plan and Sustainable Communities Strategy (next steps after consultation with EPA)

Adam Noelting (MTC) gave an update to the group clarifying the technical approach to define and model regionally significant, non-exempt projects in the MTC's updated Long-Range Regional

Transportation Plan and Sustainable Communities Strategy (RTP/SCS) conformity analysis to be conducted this upcoming fall. Specifically, Mr. Noelting pointed out how shorter term projects included in the Transportation Improvement Program (TIP) will have more detailed descriptions and how longer term, regionally significant projects will be defined. After discussion, the Task Force concurred with the approach as stated by Mr. Noelting.

5. Consent Calendar

a. July 28, 2016 Air Quality Conformity Task Force Meeting Summary

Final Determination: With input from all members, the Task Force concluded that the consent calendar was approved.

From: Harold Brazil
To: ["Vaughn, Joseph \(FHWA\)"](mailto:Vaughn.Joseph@FHWA)
Cc: ["Sonnenberg, Stew"](mailto:Sonnenberg.Stew); ["Fahey, Dick@DOT"](mailto:Fahey.Dick@DOT); ["Vagenas, Ginger"](mailto:Vagenas.Ginger); ["Paukowits, Dominique \(FTA\)"](mailto:Paukowits.Dominique@FTA); [Adam Crenshaw](mailto:Adam.Crenshaw)
Bcc: hmallory04@gmail.com
Subject: Re: Review and Concurrence on 2b_Exempt List 081216.pdf list of exempt projects
Date: Monday, August 29, 2016 12:45:00 PM
Attachments: [1_Agenda_42315.pdf](#)
[3a_Regional_AQ_Conformity_Review_for_New_Projects.pdf](#)
[List_of_New_Local_Highway_Bridge_Program_Projects.pdf](#)
[Santa_Clara_County_Urban_Area_Boundary.pdf](#)
[6a_AQCTF_Meeting_Notes_Summary_-_42315.pdf](#)
[2b_Exempt_List_081216.pdf](#)

Great and thank you very much Joseph.

We now have overall task force concurrence on the Santa Clara County bridge projects and the SF-Third Street Bridge Rehabilitation project on the 2b_Exempt List 081216.pdf list from our meeting last week.

If you have any questions, let me know and thanks again.

Harold

From: Vaughn, Joseph (FHWA) [<mailto:Joseph.Vaughn@dot.gov>]
Sent: Monday, August 29, 2016 10:54 AM
To: Harold Brazil
Subject: RE: Review and Concurrence on 2b_Exempt List 081216.pdf list of exempt projects

Thank you for the additional information. Based on it, I have no further concerns. Regards-Joseph

Joseph Vaughn
Environmental Specialist
FHWA, CA Division
(916) 498-5346

From: Harold Brazil [<mailto:HBrazil@mtc.ca.gov>]
Sent: Monday, August 29, 2016 10:41 AM
To: Vaughn, Joseph (FHWA)
Subject: Re: Review and Concurrence on 2b_Exempt List 081216.pdf list of exempt projects

Hello Joseph, to follow-up with our conversation earlier I'm sending you the following items:

1. The agenda, Adam Crenshaw's regional conformity agenda item #3 with the corresponding maps and photos of the 6 Santa Clara County bridges in question; The agenda, Adam Crenshaw's regional conformity agenda item #3 with the corresponding maps and photos of the 6 Santa Clara County bridges in question;
"1_Agenda_42315.pdf", "3a_Regional_AQ_Conformity_Review_for_New_Projects.pdf" and "List_of_New_Local_Highway_Bridge_Program_Projects.pdf"

2. A map of the Santa Clara County urban area boundary;
“Santa Clara County Urban Area Boundary.pdf”
3. The summary notes from the April 2015 task force meeting;
“6a_AQCTF Meeting Notes Summary - 42315.pdf”
4. The listing of the projects in the 126 exempt list from last week’s meeting;
“2b_Exempt List 081216.pdf”

Please let me know if you feel that any of these bridge projects are of air quality concern and thanks a lot!!

Harold

Harold Brazil
Planning
Metropolitan Transportation Commission
Bay Area Metro Center
375 Beale Street, Suite 800
[Note: Visitors must check in with the receptionist on the 7th floor]
San Francisco, CA 94105
Phone: 415-778-6747
Gen. 415-778-6700
<http://www.mtc.ca.gov/>

From: Vaughn, Joseph (FHWA) [<mailto:Joseph.Vaughn@dot.gov>]
Sent: Thursday, August 25, 2016 1:41 PM
To: Harold Brazil
Cc: Adam Crenshaw
Subject: RE: Review and Concurrence on 2b_Exempt List 081216.pdf list of exempt projects

Sorry-no

Joseph Vaughn
Environmental Specialist
FHWA, CA Division
(916) 498-5346

From: Harold Brazil [<mailto:HBrazil@mtc.ca.gov>]
Sent: Thursday, August 25, 2016 1:39 PM
To: Vaughn, Joseph (FHWA)
Cc: Adam Crenshaw

Subject: Re: Review and Concurrence on 2b_Exempt List 081216.pdf list of exempt projects

Hi Joseph, thanks for this and it's very helpful.

Adam Crenshaw and I talked about the Santa Clara County bridge projects on 2b_Exempt List 081216.pdf and two things:

1. The project type in Table 2 – Exempt Projects, Safety under 40 CFR 93.126 for these projects should be: **“Projects that correct, improve, or eliminate a hazardous location or feature”** - see http://www.ecfr.gov/cgi-bin/text-idx?SID=300be7c15e2d0ee1bd4d1a611d04c87d&mc=true&node=se40.22.93_1126&rgn=div8

Our FMS system still has original “Hazard elimination program” project type listing, but even though this listing needs to be updated, for right now we plan on changing the Santa Clara County bridge projects to this project type listing [replacing the “Widening narrow pavements or reconstructing bridges (no additional travel lanes)” which we have currently].

And

2. It is our understanding that FHWA does not allow federal funds to be used to replace a one-lane bridge with a one-lane bridge.
Because of safety reasons, FHWA requires that a federally funded one-lane bridge replacement, be replaced with a two-lane bridge [to meet current design and safety standards].

So we would like to know, once we revise the project type listing for the Santa Clara County bridge projects to “Hazard elimination program” [as a temporary proxy for the current “Projects that correct, improve, or eliminate a hazardous location or feature” project type] – can you consider the entire 2b_Exempt List 081216.pdf list of projects [including the first project on the list; the SF-Third Street Bridge Rehabilitation project] exempt?

Please let us know as soon as you get a chance and thanks a lot!

Harold

Harold Brazil
Planning
Metropolitan Transportation Commission
Bay Area Metro Center
375 Beale Street, Suite 800
[Note: Visitors must check in with the receptionist on the 7th floor]
San Francisco, CA 94105
Phone: 415-778-6747
Gen. 415-778-6700

From: Vaughn, Joseph (FHWA) [<mailto:Joseph.Vaughn@dot.gov>]
Sent: Thursday, August 25, 2016 12:49 PM
To: Harold Brazil
Subject: RE: Review and Concurrence on 2b_Exempt List 081216.pdf list of exempt projects

Harold-found this helpful summary put together by Mike Brady awhile back—help in understanding the exempt classification for bridges.

- If the "reconstructed" bridge is widened to include shoulders (standard width), bike lanes, sidewalks, raised median, or a median barrier (all project types that individually would qualify for exemption under 40 CFR 93.126) the bridge reconstruction exemption still applies.
- If the "reconstructed" bridge is widened to allow addition of channelization lanes (left turn, right turn) for an intersection at the end of the bridge, the 40 CFR 93.127 (regional analysis only) exemption for the channelization work applies instead of the 40 CFR 93.126 bridge exemption; in that case, a hot spot analysis is needed in CO and PM areas.
- The replacement bridge has to be substantially on the same grade and alignment as the existing bridge. Changes to vertical/horizontal alignment fall under 40 CFR 93.127 (exempt from regional analysis) and need hot spot analysis in CO and PM areas.
- There have been a few cases where an "exempt" replacement bridge structure is wide enough for additional lanes, but the approaches are not changed and the bridge is striped for the same number of lanes as existing. These cases raise questions, but have sometimes been accepted as "exempt" with the understanding that when a full widening project that uses the additional bridge width comes through conformity will be covered in the full project. A project like this will need extra consultation with FHWA and EPA even if formal interagency consultation and hot spot analysis isn't done.
- In some remote areas, one-lane bridges have been replaced with standard 2-lane bridges. Those projects add lanes, so they don't qualify for the bridge reconstruction exemption. However, they usually are not on regionally significant roads so the process of adding them to the regional analysis and RTP/TIP is relatively simple, and if in an "isolated rural" area then after interagency consultation concurrence that they are not "regionally significant" projects no further regional analysis is needed. If the replacement bridge is on a substantially different alignment and grade hot spot analysis would still be needed in CO and PM areas.

In your case, perhaps the footprint of the bridge is more or less the same and there is just restriping? This is often the case and provides some flexibility?

Joseph Vaughn
Environmental Specialist
FHWA, CA Division

(916) 498-5346

From: Harold Brazil [<mailto:HBrazil@mtc.ca.gov>]
Sent: Thursday, August 25, 2016 10:42 AM
To: Vaughn, Joseph (FHWA)
Cc: Sonnenberg, Stew (FHWA)
Subject: Re: Review and Concurrence on 2b_Exempt List 081216.pdf list of exempt projects

Hello Joseph, sorry we missed you at this morning's Task Force meeting.

Could I please get your review and concurrence that the attached "**2b_Exempt List 081216.pdf**" exempt list of projects are likely not to be a POAQC.

The other members of the Task Force have concurred that these projects are exempt and we just need your feedback to allow the project sponsors to go forward.

If you have any questions, let me know and thanks a lot.

Harold

Harold Brazil
Planning
Metropolitan Transportation Commission
Bay Area Metro Center
375 Beale Street, Suite 800
[Note: Visitors must check in with the receptionist on the 7th floor]
San Francisco, CA 94105
Phone: 415-778-6747
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