CITY OF OAKLAND

DALZIEL BUILDING . 250 FRANK H. OGAWA PLAZA . SUITE 4344 . OAKLAND . CALIFORNIA . 94612
Public Works Agency TEL: (510) 238-3466
Transportation Planning & Funding Division FAX: (510) 238-7415

Bicycle and Pedestrian Advisory Committee, Monthly Meeting
Thursday, March 20, 2014; 5:30-7:30 pm
Oakland City Hall, Sgt Daniel Sakai Hearing Room (aka Hearing Room 4), Second Floor

AGENDA

Time	Item #	Topic	Topic Type
5:30	1	**Introductions, appointment of note taker** (5 minutes)	Ad
5:35	2	**Approval of meeting minutes** (5 minutes)—Seek motion to adopt the February meeting minutes.	A
5:40	3	**Projects for FY 2014-15 TDA Article 3 Bike/Ped funding** *Attachment* (40 minutes)—Short presentations on the following three projects proposed for funding shall be made followed by Q & A: East Bay Greenway, Pedestrian Safety Strategy, Park Blvd. Additionally, the committee will review the final list of projects proposed for funding.	A
6:20	4	**Revised green bike lane design details** *Attachment* (25 minutes)—Staff will share details for green bike lane conflict zones, updated after implementation of the pilot project on Lake Merritt Blvd/1st Ave/Lakeshore Ave. Specific designs for the next round of implementation on the 27th St, Grand Ave, and MacArthur Blvd bikeway corridors will be discussed and the committee will be asked to provide input.	A
6:45	5	**Telegraph Ave Complete Streets project update** (30 minutes)—The City of Oakland's Telegraph Avenue Complete Streets Project seeks to develop a preferred design for Telegraph Avenue that improves pedestrian and bicycle safety, and enhances existing business districts. Jamie Parks, the City's project manager, will provide an overview of findings from the initial portion of the study. This will include a summary of the survey results and discussion of potential design solutions in advance of public workshops in April 2014. More information on the project is available at www.oaklandnet.com/TelegraphAvenue.	A
7:15	6	**BPAC officer elections** (5 minutes)—The BPAC will be asked to extend the terms of the current officers (Chris Hwang, Chair, and Chris Kidd, Vice-Chair) until officers are elected for the new Commission.	A
7:20	7	**Announcements, suggestions for next meeting topics** (10 minutes)	Ad

*** Topic Types:**
I=informational; A=action item; Ad=administrative

Agenda online at: www2.oaklandnet.com/n/OAK044955

This meeting will follow Robert's Rules of Order (see http://www.robertsrules.org/rulesintro.htm).
For more information, please call (510) 238-3983 or email **bikeped@oaklandnet.com**.

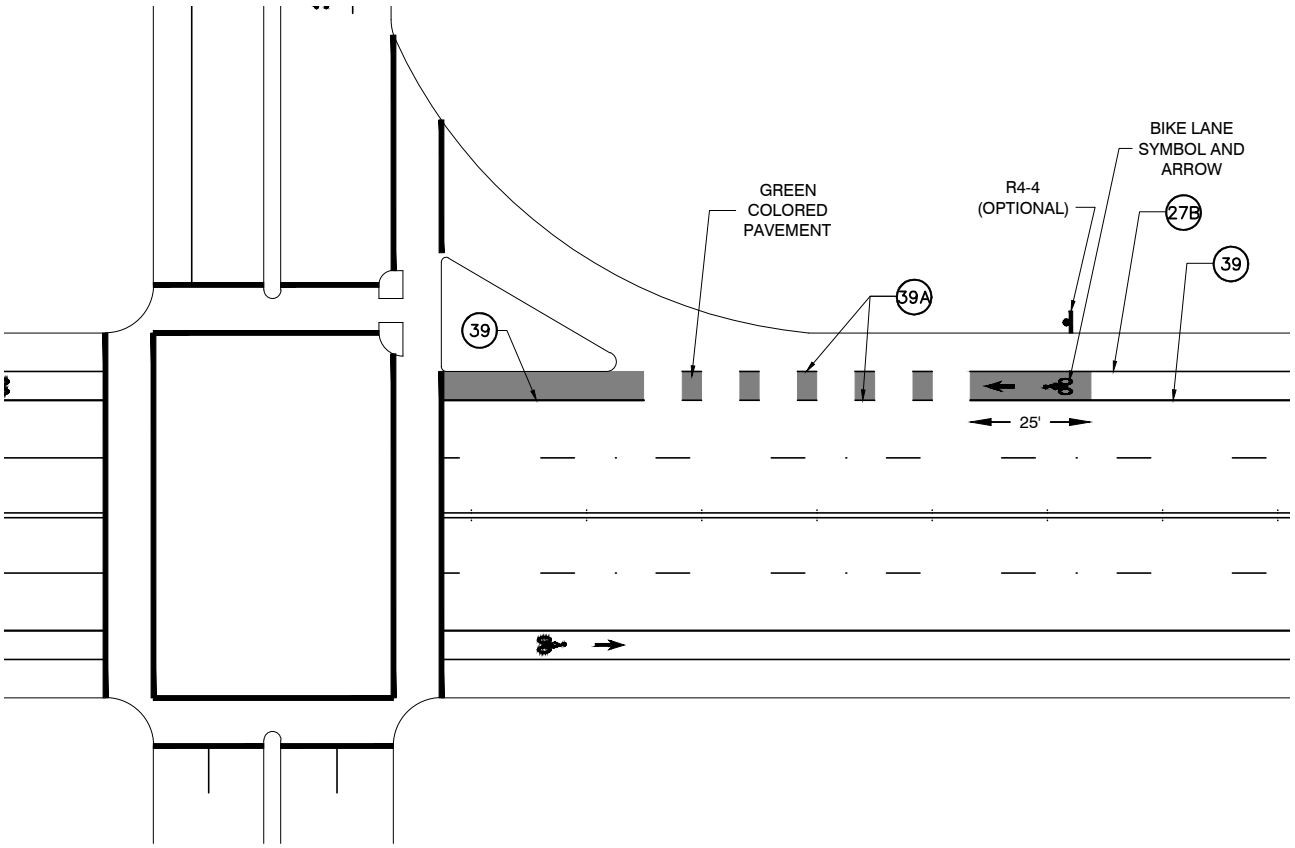
City of Oakland TDA Article 3 and Pedestrian CIP Funding (14-Mar-2014)

FY14-15 Recommended Projects

Project	Description	Project Staff	Proposed Funding			Notes
			Funding Request	TDA Article 3 (2162)	Ped CIP (2212)	
14th St streetscape project	Create 35% construction diagrams for streetscape improvements, such as landscaping and lighting, to 14th Street between Oak Street and Broadway.	Ed Manasse, Christina Ferracane	$ 175,000	$ -	$ -	Overlaps with two SC-TAP studies. Complete the studies first.
Antioch Court Pedestrian Improvements	Crossing improvements, bulbouts, street furniture, and regrading of one block (less than 200 feet) of Antioch Court to allow periodic closure of street for events, festivals, pedestrian access, etc.	Wlad Wlassowsky	$ 90,000	$ -	$ 90,000	
Bay Trail to Lake Merritt Pedestrian Bicycle Bridge Design	Bicycle/pedestrian bridge design that will complete the gap between the Bay Trail and the Lake Merritt Trail systems.	Diane Tannenwald	$ 200,000	$ -	$ -	Seeking to offset up to $400K in DD funding for FY14-15. Unspent balances may be directed here.
Bicyclist Signage Program	Continue implementation of bicycle guide signs with complementary regulatory and warning signs. Priority projects include Lakeshore Ave, Foothill/Bancroft, and Skyline/Grizzly Peak.	Jason Patton	$ 75,000	$ 75,000	$ -	
Bike Safe Storm Drain Inlent Program	Continue the replacement of storm drain inlet grates that are hazardous to cyclists.	Jason Patton	$ 75,000	$ 75,000		
East Bay Greenway	Extend the Greenway that is currently in construction along San Leandro St from 75th Ave to 85th Ave. The extension will continue the path towards the BART station on the north side of 75th Ave by roughly 200 feet.	Wlad Wlassowsky	$ 100,000		$ 100,000	Unexpected opportunity outside of the original plans arising from coordination issues with the Oakland Airport connector.
Lakeside Park Path Rehabilitation	Resurface degraded paths in Lakeside Park in the vicinity of Children's Fairyland.	Ali Schwarz	$ 150,000	$ -	$ 150,000	Project is imminent and cost estimating is underway. If funds are not needed, reassign to Bay Trail to Lake Merritt Bridge.
Oakland Pedestrian Safety Strategy	Identify a targeted program of engineering improvements to enhance Oakland pedestrian safety	Jamie Parks	$ 75,000	$ -	$ 75,000	
Park Blvd / E 38th St / 13th Ave Reconfiguration	Reconfigure the intersection so that the number of legs is reduced and/or restrict particular movements to improve overall intersection safety. Possibly add a signal if necessary.	Joe Wang	$ 200,000	$ -	$ -	See Park Blvd Intersection Improvements.
Park Blvd / Everett & Park Blvd / El Centro Crossing	Install two rapid flashing beacons before two crossings on Park Blvd.	Joe Wang	$ 120,000	$ -	$ -	To be coordinated with broader project to upgrade in-street flashers and overhead flashers to current and more effective technologies.

Project	Description	Project Staff	Funding Request	TDA Article 3 (2162)	Ped CIP (2212)	Notes
Park Blvd and Excelsior Ave Reconfiguration	Reduce legs and or traffic approaches onto Excelsior via medians/barricades as needed to improve safety for pedestrians, and improved bike access.	Joe Wang	$ 170,000	$ -	$ -	To be coordinated with SC-TAP bike feasibility project. See Park Blvd Intersection Improvements.
Park Blvd Intersection Improvements	Develop concept plans for improving pedestrian safety by simplifying the intersections of Park / Excelsior / Grosvenor and Park / E 38th /13th.	Joe Wang	$ -		$ 50,000	Combined response to the two requests for the two intersections.
Repair stair path # 137 - Alvarado Road to the Claremont Hotel Parking lot	Repair stair path # 137 - Alvarado Road to the Claremont Hotel Parking lot. There are numerous trip and fall hazards on this Stair and Path located in the medium density North Oakland District. The stair is adjacent to the renovated Eucalyptus Stair and leads to a commercial District, transit and the John Muir Elementary School	Jeff Krohn	$ 190,832	$ 181,281	$ -	priority #1 stair path (top priority)
Repair stair path # 210 - Marden Lane to Thornhill Road	Repair stair path # 137 - Path 210 connects Montclair residences to Thornhill Elementary School. Wood Handrail shall be modified, or added to be ADA compliant.	Jeff Krohn	$ 41,442	$ -	$ 41,442	priority #1 stair path (next priority)
Repair stair path # 229 - Longridge to Paramount	Repair stair path # 229. This path requires handrails and minor repairs and is located in the high density Trestle Glenn District.	Jeff Krohn	$ 4,720	$ -	$ -	priority #2 stair path
Repair stair path # 56 - Sunnyhills to Longridge	Repair stair path # 56 - There are numerous trip and fall hazards on this stair and path located in the high density Trestle Glenn District.	Jeff Krohn	$ 39,130	$ -	$ -	priority #2 stair path
Repair stair path #206- Holman Rd. to Barrows Rd.	Repair stair path # 206. There are numerous trip and fall hazards on this stair and path located in the high density Trestle Glenn District.	Jeff Krohn	$ 79,000	$ -	$ -	priority #2 stair path
Repair stair path #32 - Camden St. to dead end of Herriott Ave.	Repair stair path # 206. There are numerous trip and fall hazards on this stair and path located in the Maxwell Park neighborhood.	Jeff Krohn	$ 88,559	$ -	$ -	priority #3 stair path
San Leandro Creek Greenway	Planning and feasibility study for a proposed 2-mile multi-modal bike/ped trail and greenway along the San Leandro Creek.	David Ralston	$ 50,000	$ -	$ 25,000	Seed money to get the project going in FY14-15.
Waterfront Trails at Four Locations	Waterfront pedestrian/bicycle pathways at Crowley, Livingston Pier, Harbor Masters and Embarcadero Cove to link trails along Oakland Estuary.	WooJae Kim	$ 70,000	$ -	$ 70,000	
		TOTAL	$ 1,993,683	$ 331,281	$ 601,442	
		AVAILABLE	$ 962,931	$ 331,281	$ 631,650	

SLIP TURN - UPSTREAM (TYPE 1)



MUTCD R4-4 Sign

Policy:

Green bike lanes may be used to alert bicyclists and motorists of a conflict zone where a continuous bike lane crosses a slip turn, a turn pocket opening, or an oblique intersection.

Striping:

The green bike lane should be installed for the length of the conflict zone. The treatment includes two bike lane skip stripes (Detail 39A), green color for the width of the bike lane, and a bike lane symbol/arrow.

Signage:

The R4-4 sign (Begin Right Turn Lane Yield to Bikes) may be used in conjunction with the green bike lane.

GRAPHIC SCALE (IN FEET)

10' 20' 40' 80'

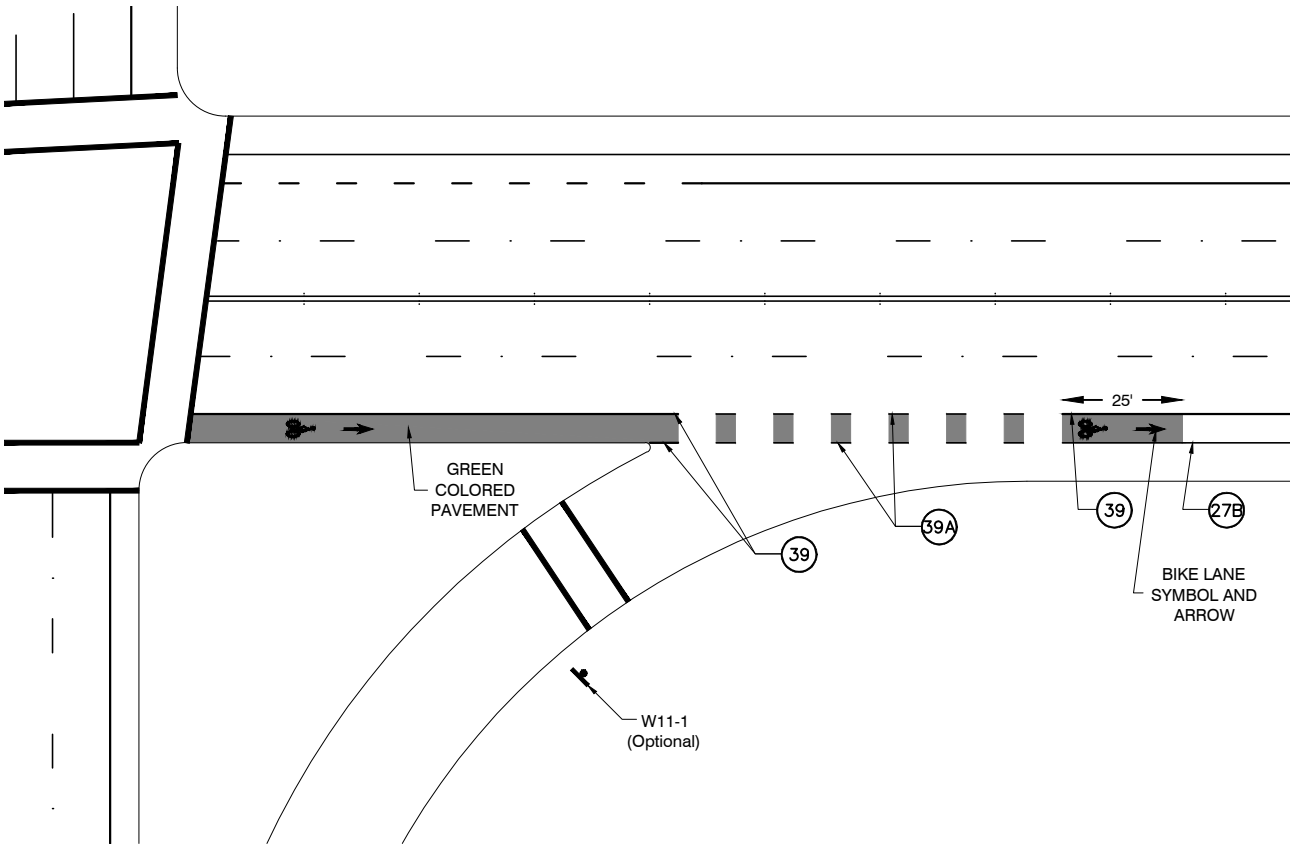
CITY OF OAKLAND | DEPARTMENT OF ENGINEERING AND CONSTRUCTION

GREEN BIKE LANE

DATE: January 2014
REV. DATE: _____

DWG. G-1

SLIP TURN - DOWNSTREAM (TYPE 2)



MUTCD W11-1 Sign

Policy:

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Striping:

The green bike lane should be installed for the length of the conflict zone. The treatment includes two bike lane skip stripes (Detail 39A), green color for the width of the bike lane, and a bike lane symbol/arrow.

Signage:

The W11-1 sign (Bicycle Traffic) may be used in conjunction with the green bike lane.

GRAPHIC SCALE (IN FEET)

10' 20' 40' 80'

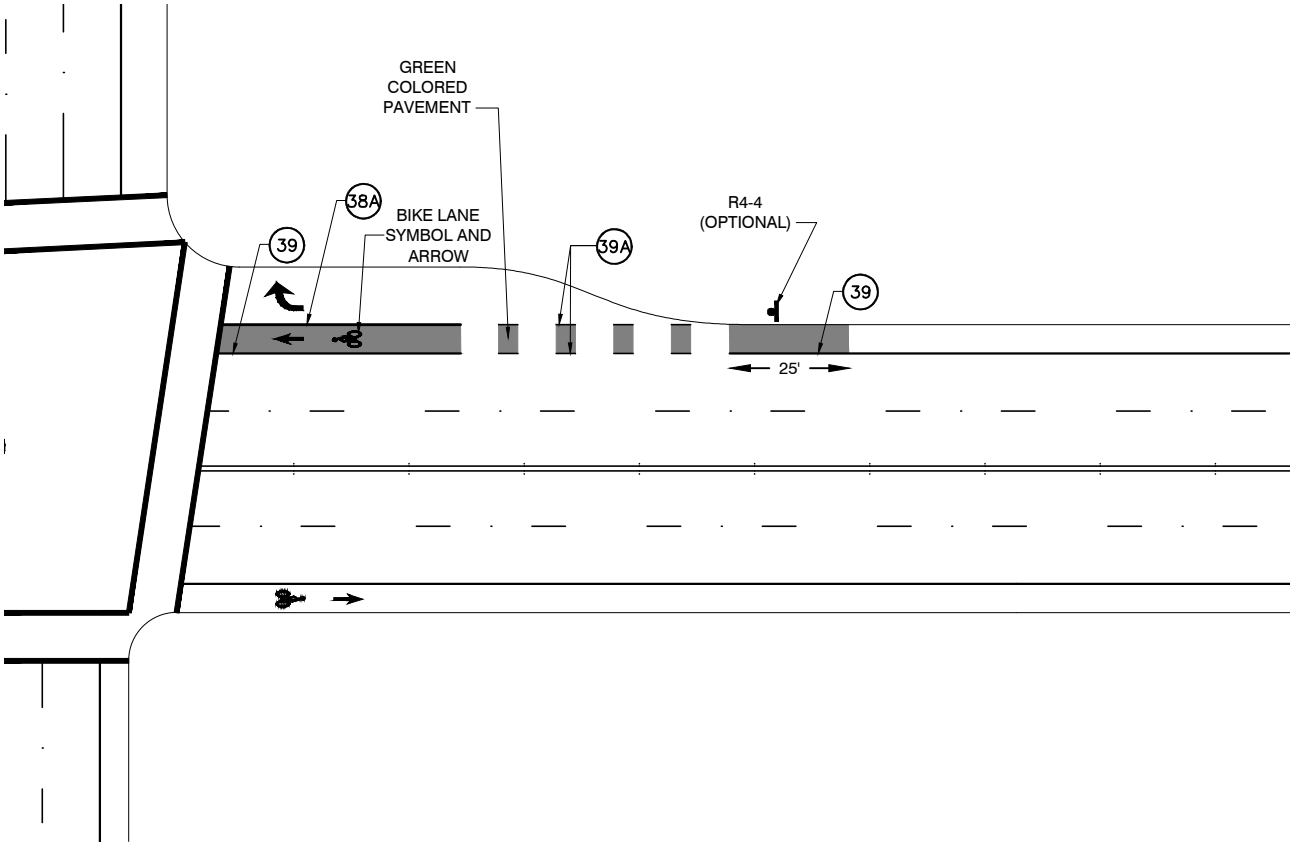
CITY OF OAKLAND | DEPARTMENT OF ENGINEERING AND CONSTRUCTION

GREEN BIKE LANE

DATE: January 2014
REV. DATE: _____

DWG. G-2

TURN POCKET (TYPE 3)



MUTCD R4-4 Sign

Policy:

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Striping:

The green bike lane should be installed for the length of the conflict zone. The treatment includes two bike lane skip stripes (Detail 39A), green color for the width of the bike lane, and a bike lane symbol/arrow.

Signage:

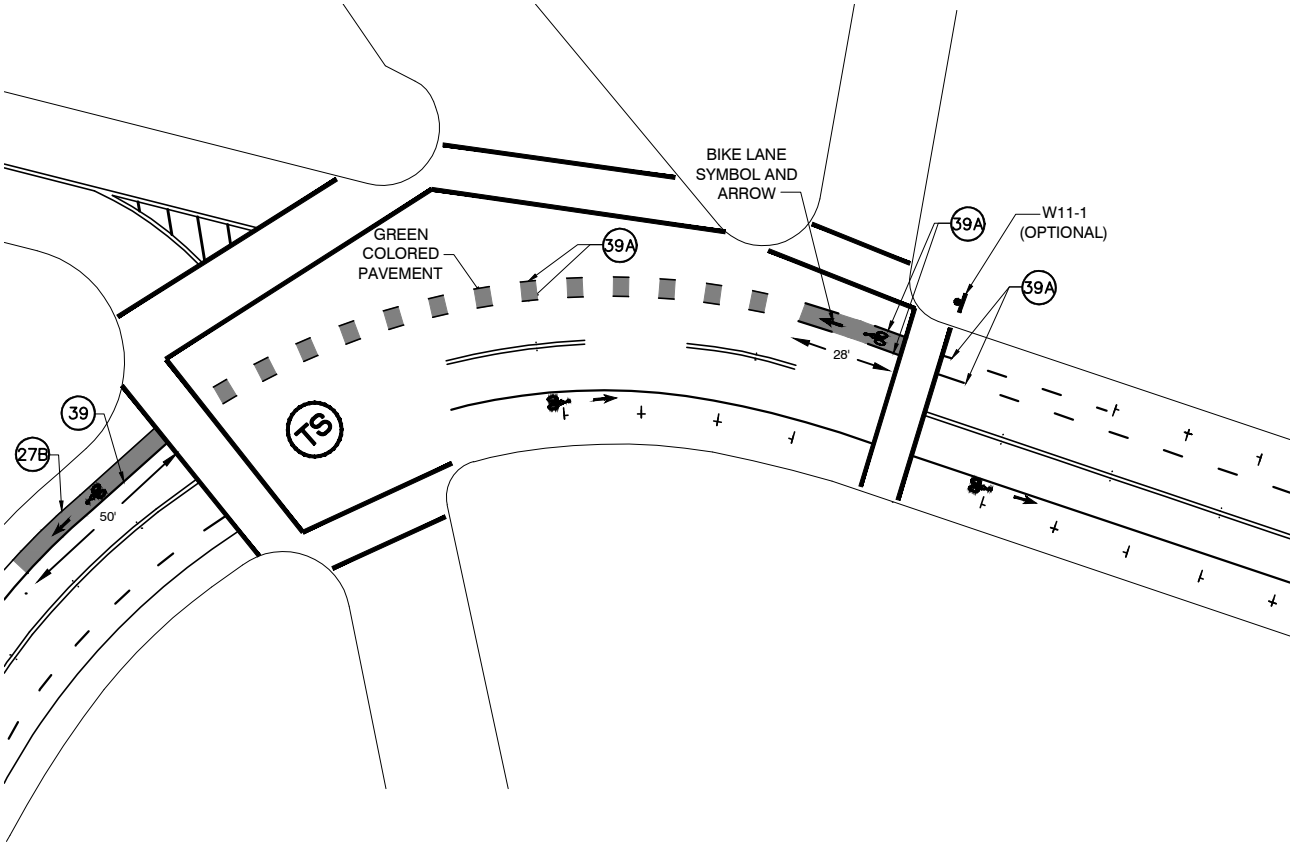
The R4-4 sign (Begin Right Turn Lane Yield to Bikes) may be used in conjunction with the green bike lane.

GRAPHIC SCALE (IN FEET)

10' 20' 40' 80'

CITY OF OAKLAND	DEPARTMENT OF ENGINEERING AND CONSTRUCTION		
	GREEN BIKE LANE	DATE: January 2014 REV. DATE:	DWG. G-3

OBLIQUE INTERSECTION (TYPE 4)



MUTCD W11-1 Sign

Policy:

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Striping:

The green bike lane should be installed for the length of the conflict zone. The treatment includes two bike lane skip stripes (Detail 39A), green color for the width of the bike lane, and a bike lane symbol/arrow.

Signage:

The W11-1 sign (Bicycle Traffic) may be used in conjunction with the green bike lane.

GRAPHIC SCALE (IN FEET)

12.5' 25' 50' 100'

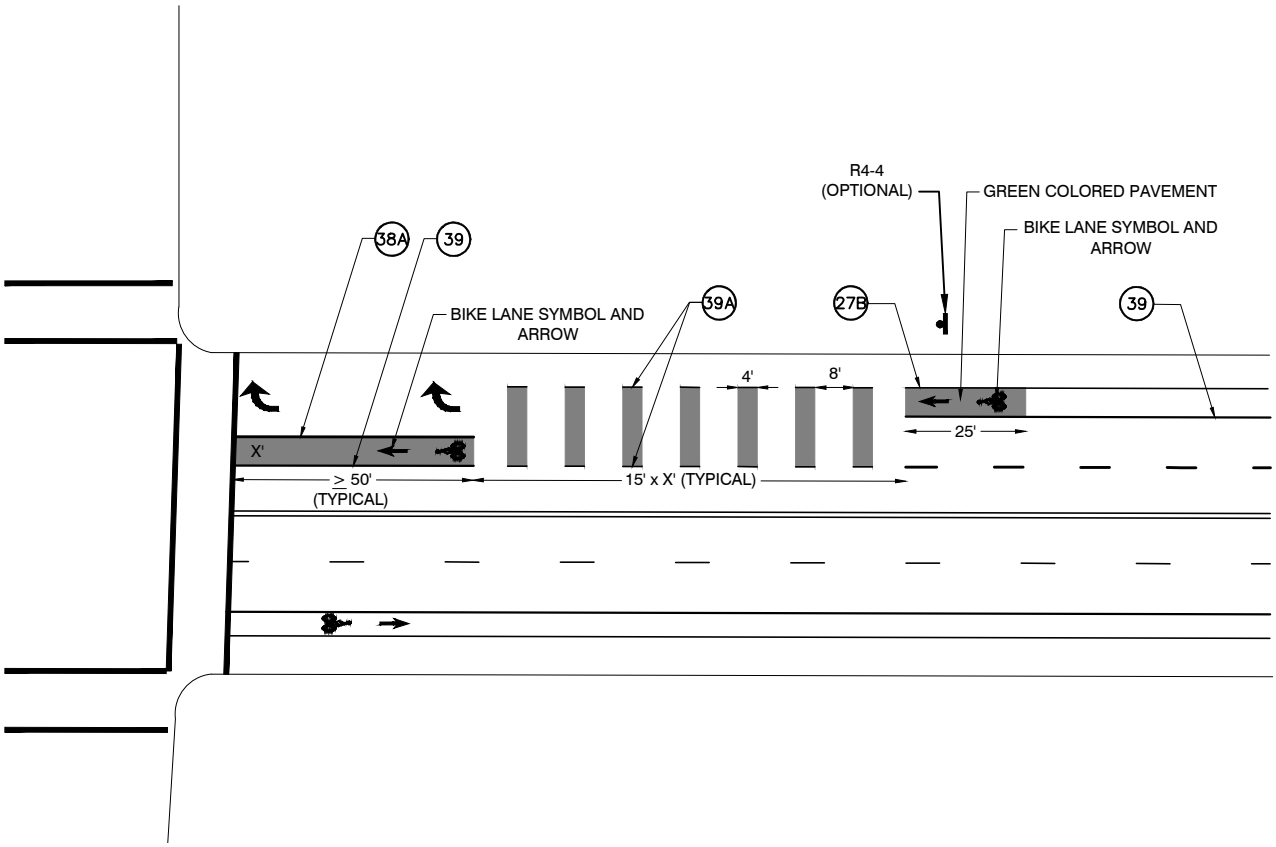
CITY OF OAKLAND | DEPARTMENT OF ENGINEERING AND CONSTRUCTION

GREEN BIKE LANE

DATE: January 2014
REV. DATE: _____

DWG. G-4

RIGHT-ONLY TRAP LANE (TYPE 5)



MUTCD R4-4 Sign

Policy:

Green bike lanes may be used to alert bicyclists and motorists of a conflict zone where a continuous bike lane crosses a slip turn, a turn pocket opening, an oblique intersection, or a right-only trap lane.

Striping:

The green bike lane should be installed for the length of the conflict zone. The treatment includes two bike lane skip stripes (Detail 39A), green color for the width of the bike lane, and a bike lane symbol/arrow.

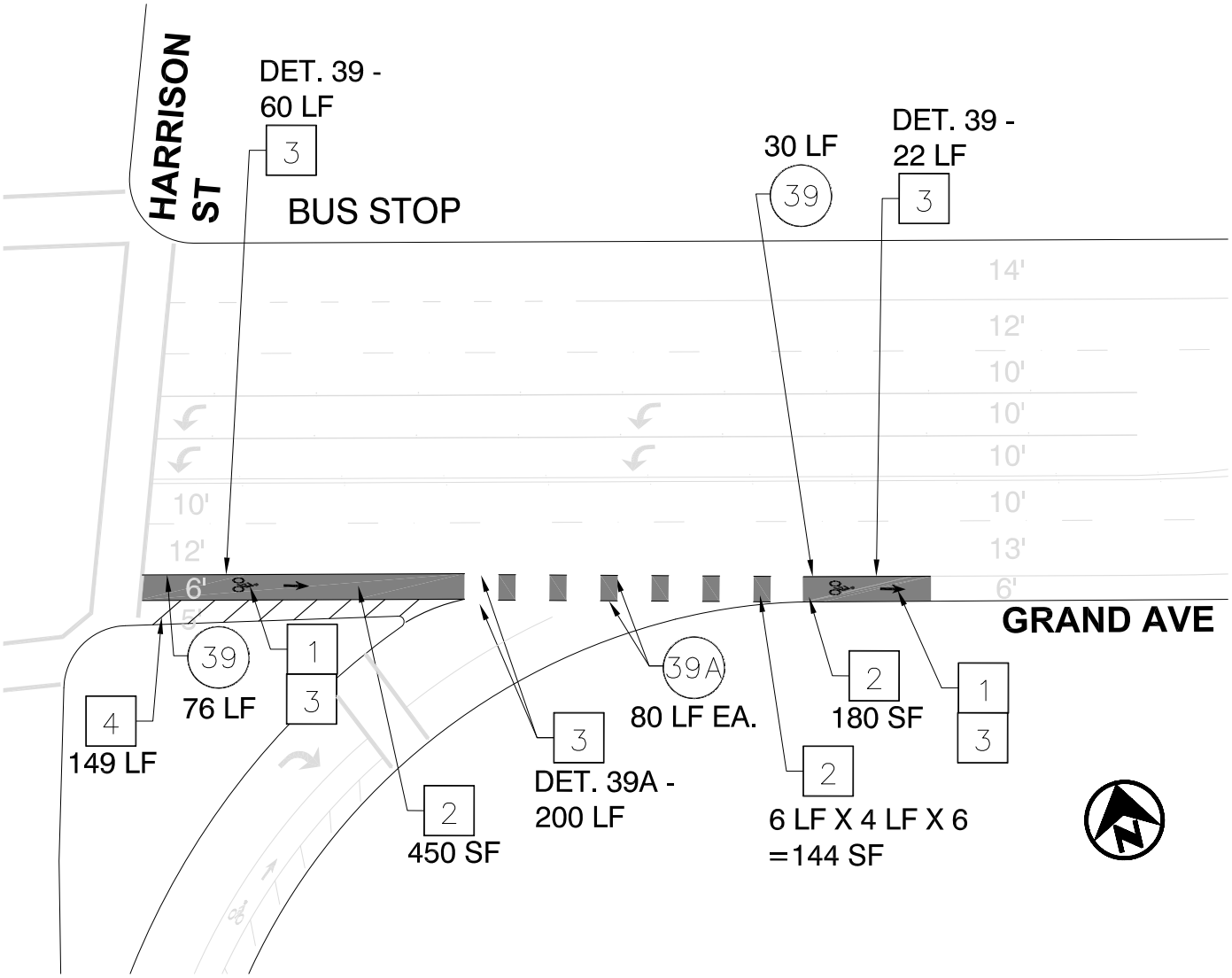
Signage:

The R4-4 sign (Begin Right Turn Lane Yield to Bikes) may be used in conjunction with the green bike lane.

GRAPHIC SCALE (IN FEET)

10' 20' 40' 80'

CITY OF OAKLAND	DEPARTMENT OF ENGINEERING AND CONSTRUCTION		
	GREEN BIKE LANE	DATE: February 2014 REV. DATE:	DWG. G-5



GRAPHIC SCALE (IN FEET)

10' 20' 40' 80'

LEGEND

- [#] STRIPING CONSTRUCTION NOTE NUMBER
- (#) DETAIL NUMBER PER CALTRANS STD PLANS
  Traffic lines as cardinal number
  Arrows as roman numeral
- (TS) TRAFFIC SIGNAL
- (W) CROSSWALK/LIMIT LINE (SOLID ONE FOOT WHITE LINE)
- (Y) CROSSWALK/LIMIT LINE (SOLID ONE FOOT YELLOW LINE)
- FIRE HYDRANT
- BLUE FIRE HYDRANT MARKER
- ETR EXISTING TO REMAIN
- LF LINEAR FEET
- SF SQUARE FEET
- CR CURB RETURN
- FC FACE OF CURB

CONSTRUCTION NOTES

1. BIKE LANE SYMBOL & ARROW
   Install pre-formed thermoplastic bike lane symbol and bike lane arrow markings on a green backing.
2. GREEN BIKE LANE
   Install green thermoplastic backing in between the two Detail 39A stripes defining the bike lane.
3. REMOVAL
   Remove conflicting striping/markings.
4. WHITE BUFFER STRIPING
   Install 6 inch white striping every 8 feet at 45 degree angle, or as noted.

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Grand Ave &
Harrison St

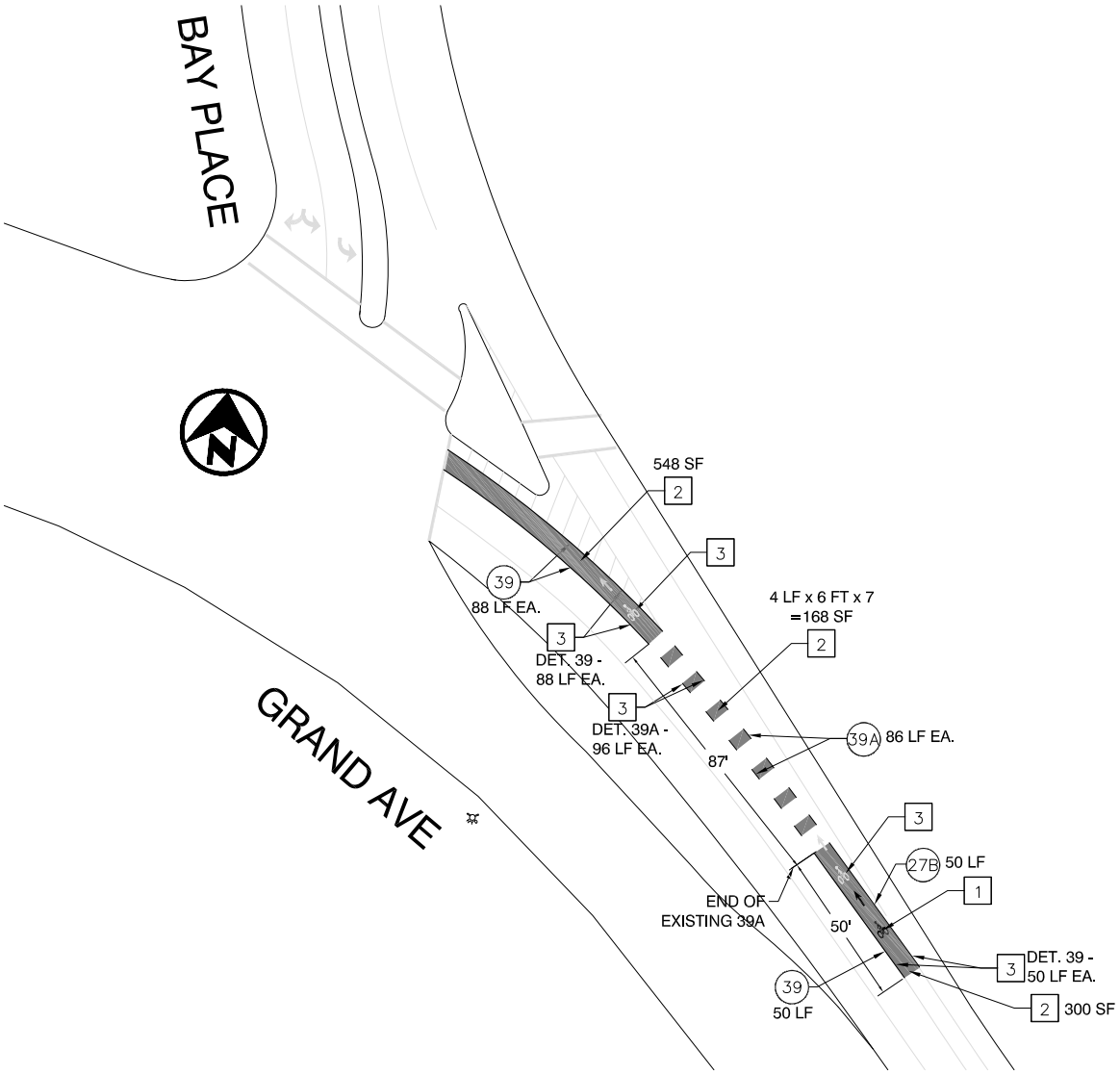
PROJECT NO.
TBD

SCALE: 1" = 40'

DATE: February 2014

SHEET NO.
00 OF 00

DRAWING NAME: \\pwafile2\Transportation\Bike-Ped_Program\Projects\Bikeways-striping\GrandAve\WGrand_Telegraph-El-Embarcadero\Green Conflict Zones\Grand Ave and Harrison St - Green conflict zone.dwg
PLOT DATE: 02-28-14
PLOTTED BY: bikedesigner



GRAPHIC SCALE (IN FEET)

15' 30' 60' 120'

LEGEND

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[3] REMOVAL
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Grand Avenue & Bay Place

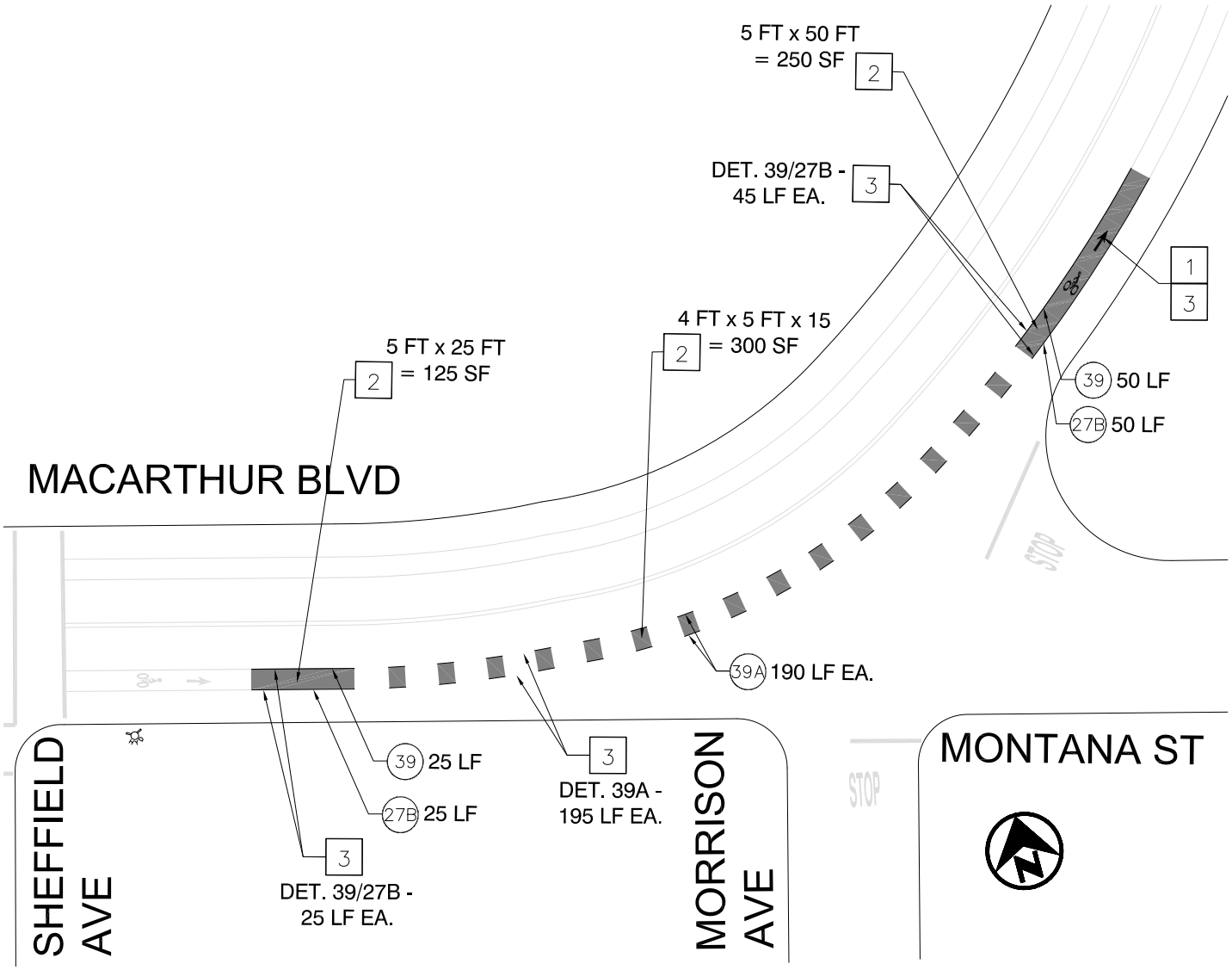
PROJECT NO.
TBD

SCALE: 1" = 60'

DATE: February 2014

SHEET NO.
00 OF 00

DRAWING NAME: \\pwafile2\Transportation\Bike-Ped_Program\Projects\Bikeways-striping\27thSt-BayPl\design-green-conflict-zones\GrandAve_WB_BayPl_NSGrandAve_WB_BayPl_NS.dwg
PLOT DATE: 02-28-14
PLOTTED BY: bikedesigner



GRAPHIC SCALE (IN FEET)

10' 20' 40' 80'

LEGEND

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MacArthur Blvd &
Montana St

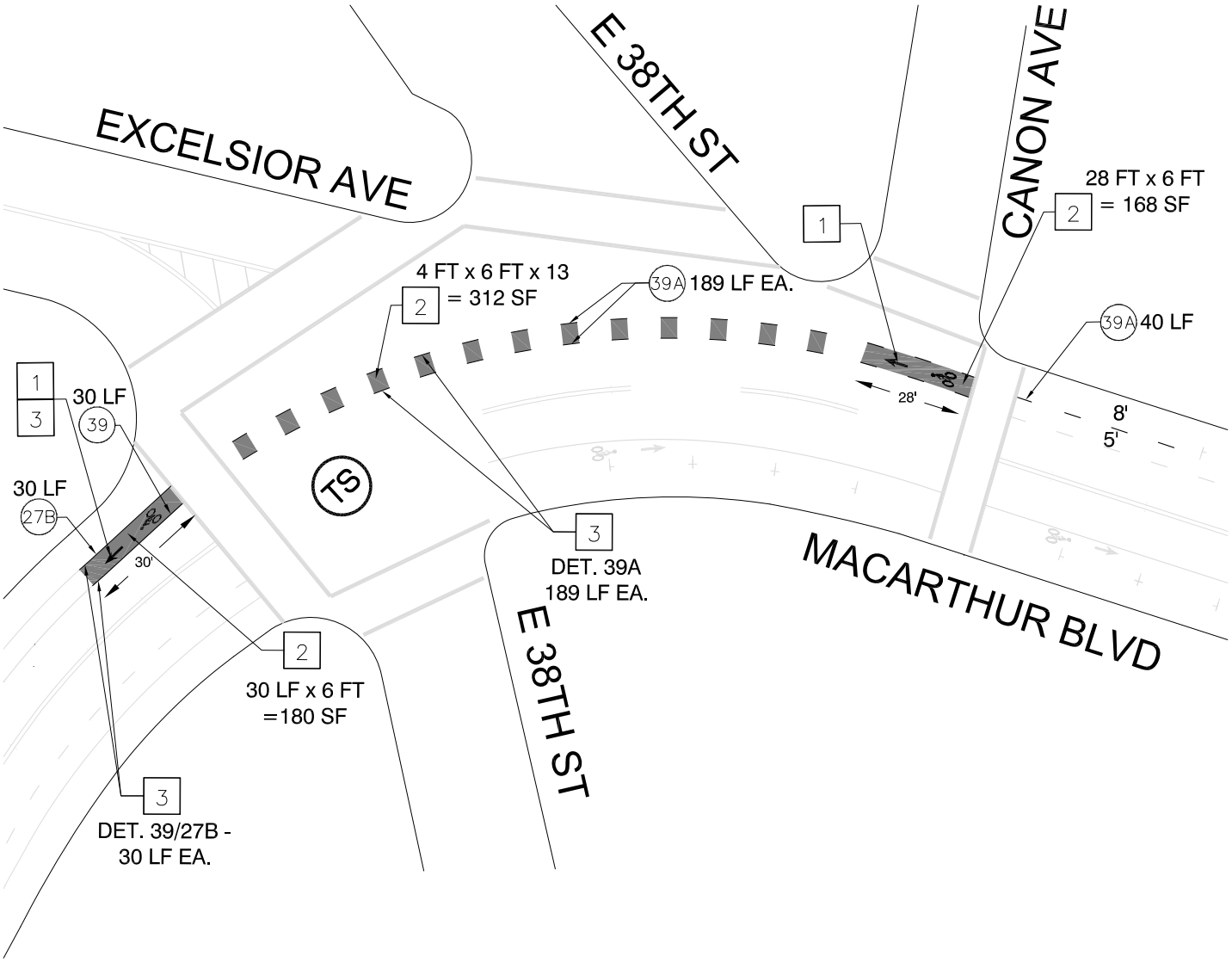
PROJECT NO.
TBD

SCALE: 1" = 40'

DATE: February 2014

SHEET NO.
00 OF 00

DRAWING NAME: \\pwafile2\Transportation\Bike-Ped_Program\Projects\Bikeways-striping\MacArthur\Design\Design-MacArthur-Park-Lincoln\Bike-Lane-ConfMacarthur Blvd and Montana St - Green conflict zone.dwg
PLOT DATE: 02-28-14
PLOTTED BY: bikedesigner



GRAPHIC SCALE (IN FEET)

10' 20' 40' 80'

LEGEND

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MacArthur Blvd & Excelsior Ave

PROJECT NO.
TBD

SCALE: 1" = 40'

DATE: February 2014

SHEET NO.
00 OF 00

DRAWING NAME: \\pwafile2\Transportation\Bike-Ped_Program\Projects\Bikeways-striping\MacArthur\Design\Design-MacArthur-Park-Lincoln\Bike-Lane-Conf\Macarthur Blvd and Excelsior Ave - Green conflict zone.dwg
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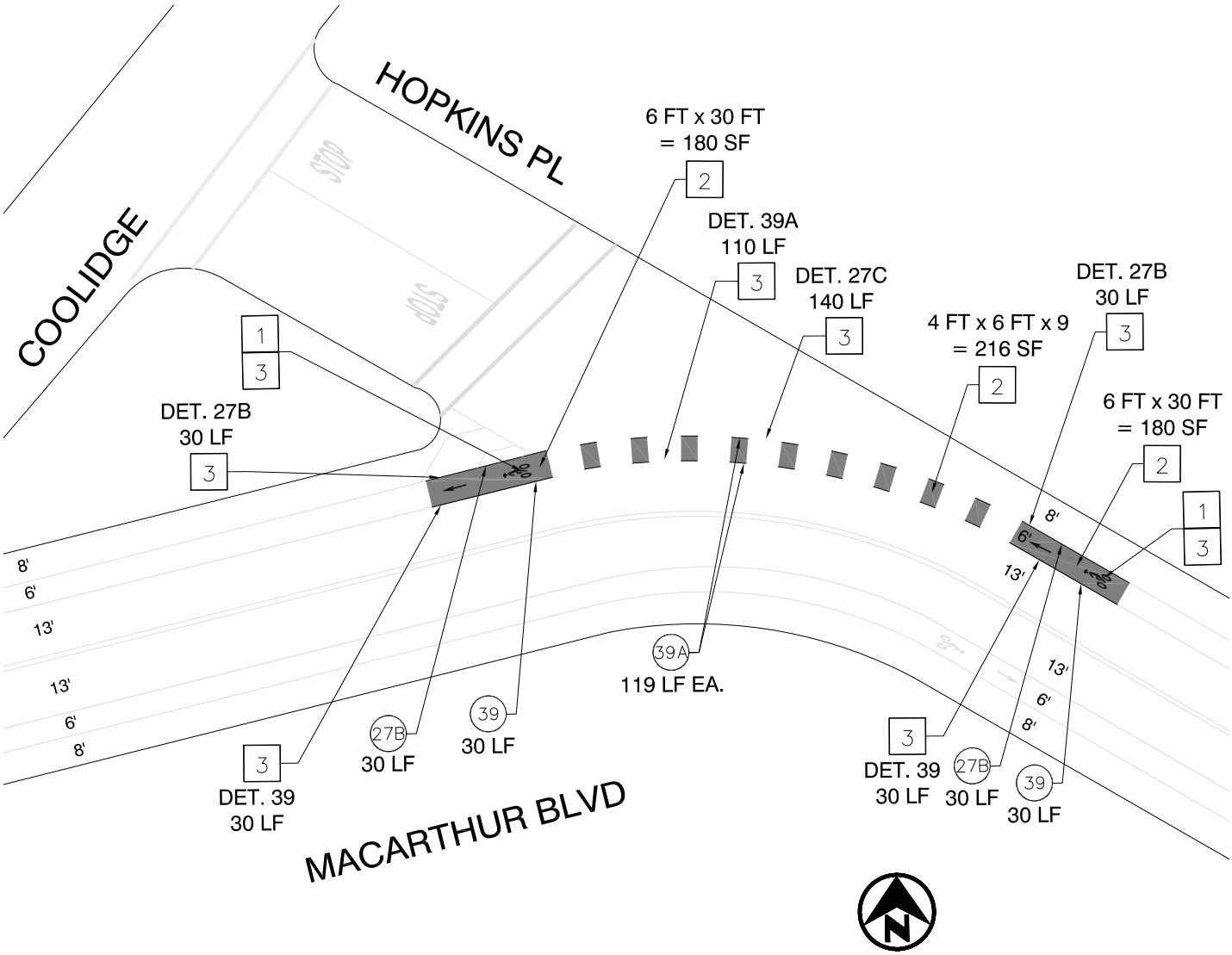

GRAPHIC SCALE (IN FEET)

10' 20' 40' 80'

LEGEND

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MacArthur Blvd &
Hopkins Pl

PROJECT NO.
TBD

SCALE: 1" = 40'

DATE: February 2014

SHEET NO.
00 OF 00

DRAWING NAME: \\pwafile2\Transportation\Bike-Ped_Program\Projects\Bikeways-striping\MacArthur\Design\Design-MacArthur-Park-Lincoln\Bike-Lane-Conf\Macarthur Blvd and Hopkins Pl - Green conflict zone.dwg
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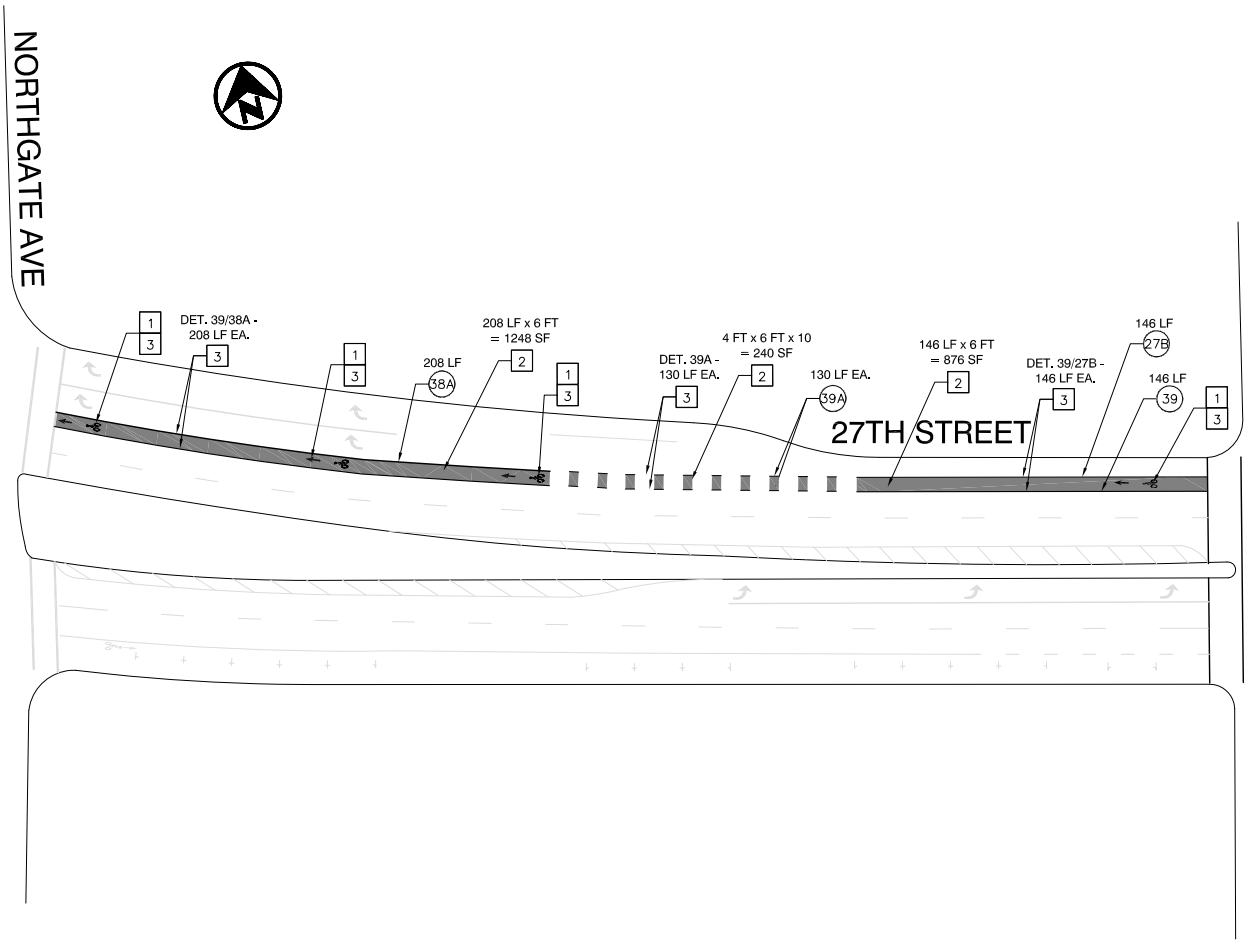

GRAPHIC SCALE (IN FEET)

20' 40' 80' 160'

LEGEND

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27th Street & Northgate Avenue

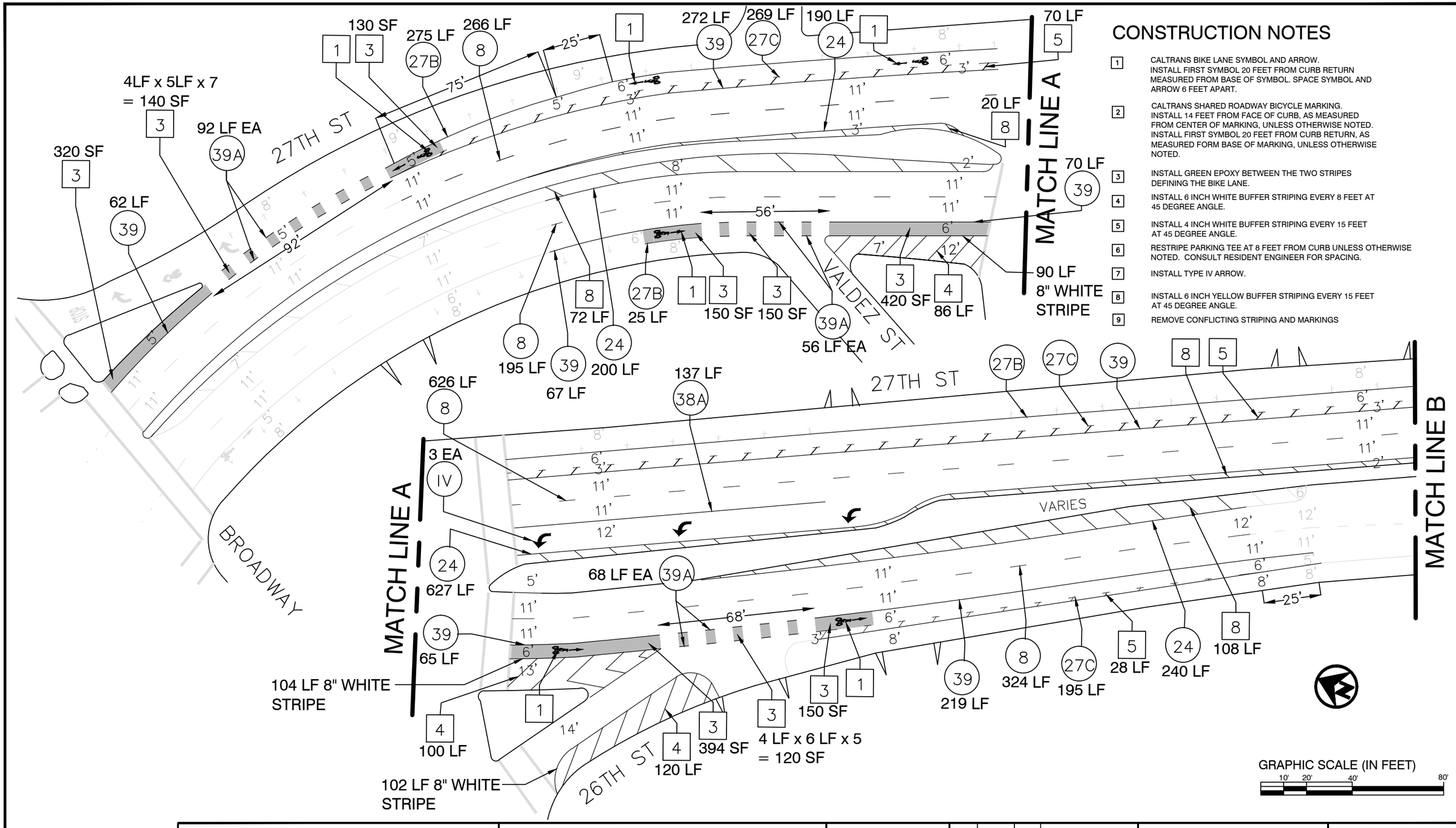
PROJECT NO.
TBD

SCALE: 1" = 80'

DATE: FEB 2014

SHEET NO.
00 OF 00

DRAWING NAME: \\pwafile2\Transportation\Bike-Ped_Program\Projects\Bikeways-striping\27thSt-BayPl\design-green-conflict-zones\27thSt_WB_NorthgateA27thSt_WB_NorthgateAve_NS.dwg
PLOT DATE: 02-25-14
PLOTTED BY: bikedesigner



CONSTRUCTION NOTES

1. CALTRANS BIKE LANE SYMBOL AND ARROW. INSTALL FIRST SYMBOL 20 FEET FROM CURB RETURN MEASURED FROM BASE OF SYMBOL. SPACE SYMBOL AND ARROW 6 FEET APART.
2. CALTRANS SHARED ROADWAY BICYCLE MARKING. INSTALL 14 FEET FROM FACE OF CURB, AS MEASURED FROM CENTER OF MARKING, UNLESS OTHERWISE NOTED. INSTALL FIRST SYMBOL 20 FEET FROM CURB RETURN, AS MEASURED FORM BASE OF MARKING, UNLESS OTHERWISE NOTED.
3. INSTALL GREEN EPOXY BETWEEN THE TWO STRIPES DEFINING THE BIKE LANE.
4. INSTALL 6 INCH WHITE BUFFER STRIPING EVERY 8 FEET AT 45 DEGREE ANGLE.
5. INSTALL 4 INCH WHITE BUFFER STRIPING EVERY 15 FEET AT 45 DEGREE ANGLE.
6. RESTRIPE PARKING TEE AT 8 FEET FROM CURB UNLESS OTHERWISE NOTED. CONSULT RESIDENT ENGINEER FOR SPACING.
7. INSTALL TYPE IV ARROW.
8. INSTALL 6 INCH YELLOW BUFFER STRIPING EVERY 15 FEET AT 45 DEGREE ANGLE.
9. REMOVE CONFLICTING STRIPING AND MARKINGS

GRAPHIC SCALE (IN FEET)
10' 20' 40' 80'

PROJECT TITLE

CITY OF OAKLAND

DEPARTMENT OF ENGINEERING AND CONSTRUCTION
250 FRANK H. OGAWA PLAZA, SUITE 4314 * OAKLAND CA, 94612
(510) 238-3437 * FAX (510) 238-7227

27TH ST
BROADWAY TO HARRISON ST

REVIEWED BY	PETER CHUN
DESIGNED BY	JASON PATTON
DRAWN BY	KU

No.	DATE	BY	REFERENCE

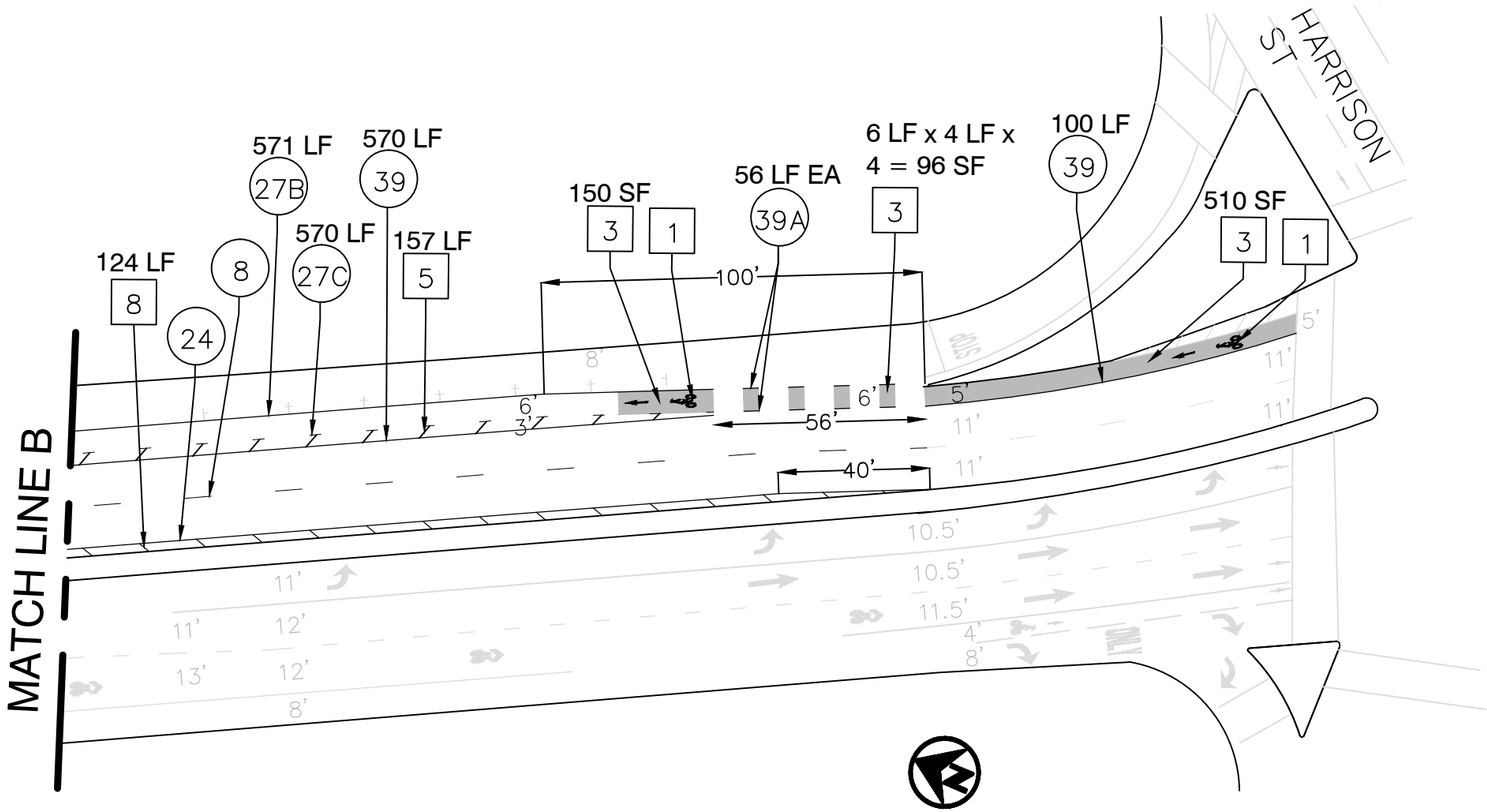
STRIPING PLAN

PROJECT NO.

SCALE: 1" = 40'
HOR: NTS
VERT: NTS
DATE: MAR 2014

SHEET NO.
1 OF 2

DRAWING NAME: C:\Users\bikedesigner\appdata\local\temp\AcPublish_1804\27th_Bay-Broadway_Grand_REDO.dwg
PLOT DATE: 03.13.14
PLOTTED BY: bikedesigner



CONSTRUCTION NOTES

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SHEET NO.
2 OF 2

PROJECT TITLE

DRAWING NAME: C:\Users\bikedesigner\appdata\local\temp\AcPublish_1804\27th_Bay Broadway_Grand_REDO.dwg
PLOT DATE: 03-14-14
PLOTTED BY: bikedesigner