

Monument Boulevard/I-680 Bicycle and Pedestrian Improvement Feasibility Study

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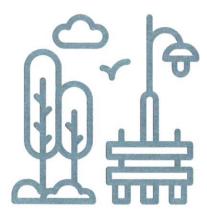
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Infrastructure for walking and biking should be



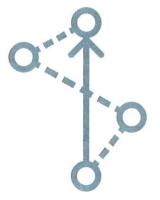
COMFORTABLE

30 minutes of walking per day can reduce anxiety and the risk of depression.¹



SAFE

Streets designed with pedestrian travel in mind by installing raised medians and redesigning intersections and sidewalks reduced pedestrian risk by **28 percent**.²



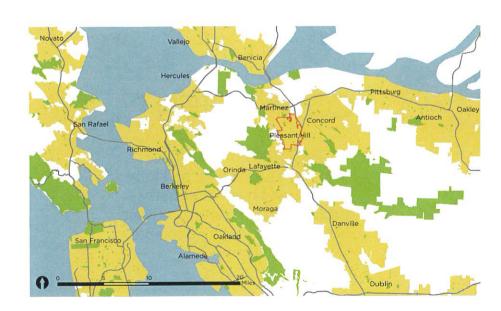
CONVENIENT

Residents of walkable communities are 2x as likely to meet physical activity guidelines compared to those who do not live in walkable neighborhoods.³

¹ Sharma, A., Madaan, V. & Petty, F.D. (2006.) Exercise for Mental Health. Primary Care Companion to the Journal of Clinical Psychiatry, 8 (2), 106.
2. King, Pedestrian Safety through a Paised Median and Redesigned Intersections. TRB 2003 Paper 03-3135, 2003.
3. Frank LD, Schmid TL, Sallis JF, Chapman J, Saelens BE, (2005) Linking Objectively. Measured Physical Activity with Objectively Measured Urban Form: Findings from SMARTRAQ. Am J Prev Med, 28(252).

PROJECT BACKGROUND

This document serves to inform a feasibility study for specific improvements to the bicycle and pedestrian connections on the Monument Boulevard corridor where it continues underneath I-680. This area, an identified gap in the Countywide Bike Plan, would provide for an improved east-west connection in this area. The study is envisioned to develop conceptual bicycle and pedestrian related improvements in the study area and identify scope, cost, and delivery strategy information that could be used to pursue additional project funding.



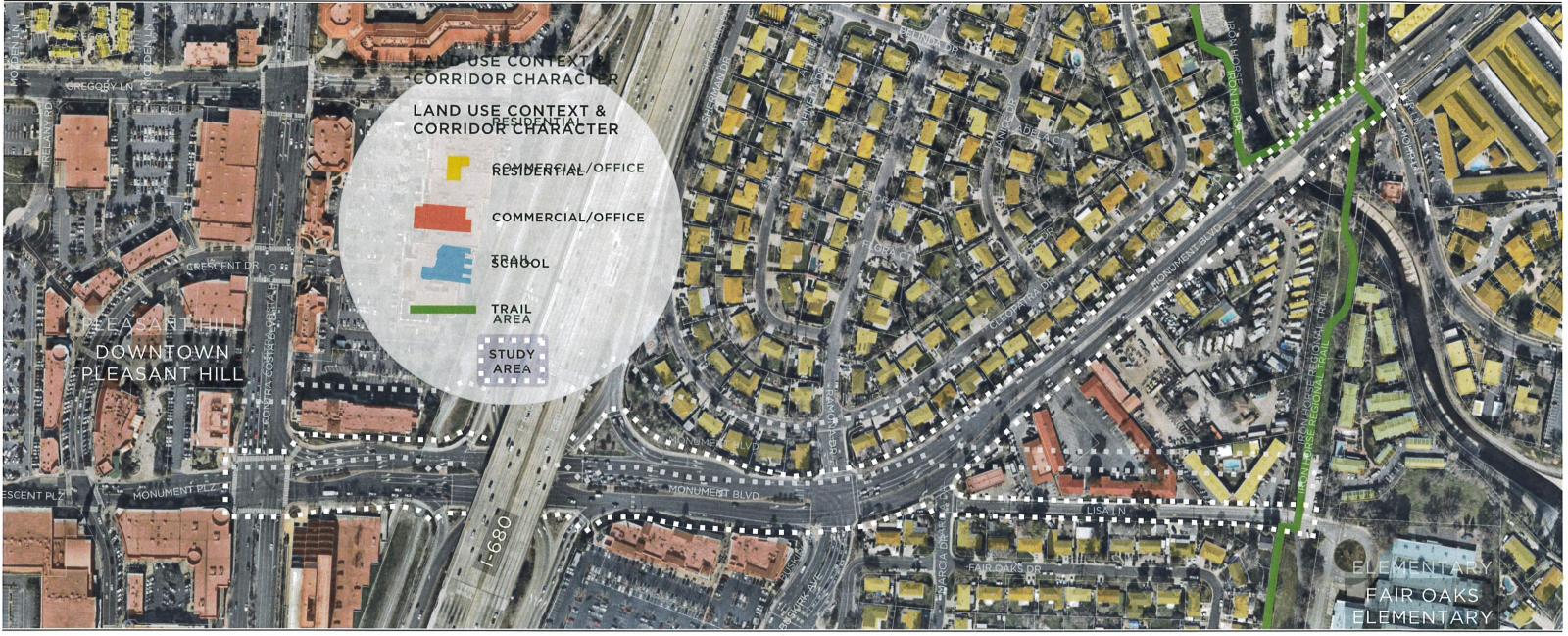
The project area is located in Pleasant Hill, Contra Costa County, California.



REGIONAL CONNECTIONS

The Monument Boulevard corridor represents a critical east-west connection for transportation in the region. I-680 currently presents a major barrier to pedestrian and bicycle mobility. There are few non-interchange crossings of I-680. Interchanges like Monument Boulevard are characterized by high speed vehicle traffic and unprotected pedestrian and bicycle infrastructure.

Improvements to active transportation infrastructure within the project area would create a key connection between the regional Iron Horse Trail at the eastern reach and Downtown Pleasant Hill at the western reach. Connecting pedestrians and cyclists to the Iron Horse Trail further connects them to the Pleasant Hill BART Station and the Contra Costa Canal Trail.





SITE ANALYSIS

The study area includes Lisa Lane and Monument Boulevard between downtown Pleasant Hill (Contra Costa Boulevard) and the Iron Horse Trail (Iron Horse Trail and Mohr Lane).

Monument Boulevard is an autocentric and predominantly commercial corridor with adjacent residential neighborhoods separated from the roadway by a soundwall. The I-680 interchange presents a major barrier to pedestrian and bicycle mobility.

The following analysis identifies assets, opportunities, and constraints for pedestrian comfort, safety, and convenience within the project area. The goal of this analysis is to inform the design of a desirable pedestrian and bicycling environment and, in turn, to promote walking and cycling as healthy, active alternatives to driving.



COMFORT

The visual and spatial character of a corridor plays a large role in the overall comfort level that a pedestrian or cyclist experiences. Existing assets that contribute to comfort include public art (Image 2); building frontages that engage with the street (Image 4); and shade provided by street trees and land-scaping (Image 1). There are additional opportunities along this corridor to em-

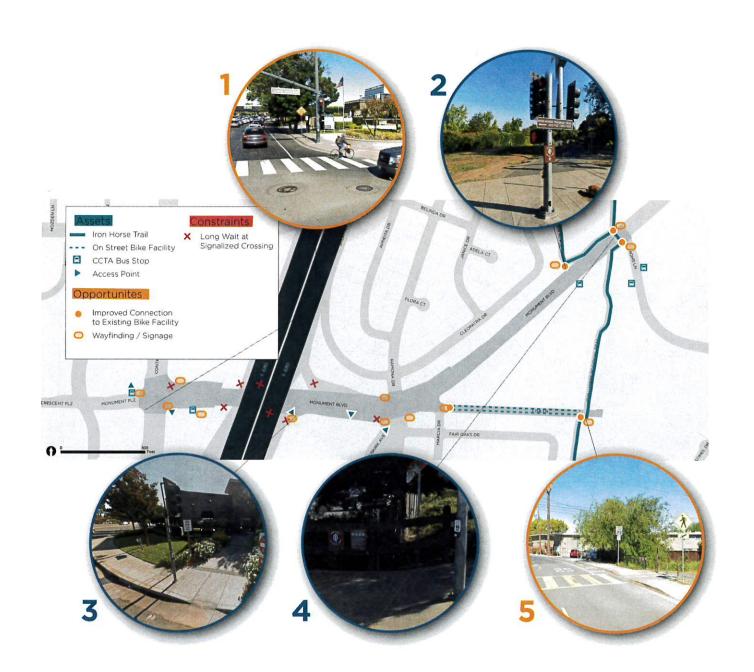
ploy public art and placemaking; green infrastructure and landscape (Image 3); and human-scale lighting. Features like walls, fences, narrow sidewalks do not contribute to a comfortable environment for people (Image 5). Further, the use of the curb lane for fast moving vehicle traffic makes walking and biking uncomfortable (Image 5).



SAFETY

Providing a safe environment for pedestrians and cyclists is a high priority for this corridor. The most significant threats today to pedestrian and bicycle safety are conflicts with vehicles. Large commercial driveways and turning vehicles increase pedestrian and bicycle vulnerability (Image 5). Crossings with long pedestrian delays (Image 3) and indirect pedestrian routes (Images 1 and 2) enforce the prioritization of

vehicular traffic over all other modes. A lack of designated bicycle facilities (Image 4) forces cyclists to choose between vehicle lanes and sidewalks, both of which are unsafe options.

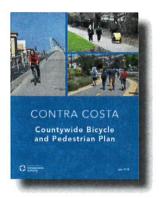


CONVENIENCE

A corridor that is comfortable, safe, and convenient will naturally attract more people to walk and bike. Connections to existing bike/ped infrastructure (Image 2), transit facilities, and local businesses (Image 3) all contribute to the ease of mobility. Clear and intuitive signage and wayfinding systems (Image 4) help people of all ages and abilities navigate the community. The project area has several opportunities

for improved connections (Image 1) and wayfinding (Image 5). Currently, signal timing presents a barrier to convenience, as pedestrians and cyclists experience long waits at signalized crossings. A pedestrian or cyclist must cross several signalized crossings to traverse I-680.

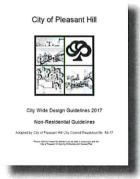
PREVIOUS PLANNING EFFORTS & DESIGN GUIDANCE



Contra Costa Countywide Bicycle & Pedestrian Plan (2018)

KEY INSIGHTS:

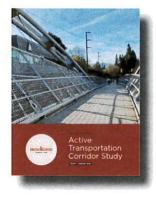
- Walking can be encouraged by improvements such as safer crossings, traffic calming, direct connections between destinations, and streetscape improvements
- Bicycling can be improved by building networks of low-stress facilities separated from fast-moving traffic and developing connections across barriers (e.g. interchanges)



City of Pleasant Hill Citywide Design Guidelines (2017)

KEY INSIGHTS:

- Streets serve many purposes including connecting people and places, providing buffers between uses, and serving as a recreation and exercise facility for runners and cyclists
- Design choices should contribute to a positive physical image and identity and preserve the surrounding environment



Iron Horse Trail Active Transportation Corridor Study (2020, Draft)

KEY INSIGHTS:

- The Iron Horse trail can serve as an active transportation spine that supports the region's mobility goals
- Improving the trail crossing at Monument Boulevard is identified as a high priority project

COMMUNITY ENGAGEMENT

Walking Audit

A walking audit to tour existing conditions on the corridor was held on February 18, 2020. Attendees included representatives from the City of Pleasant Hill, the City of Concord, CCTA, Caltrans, and representatives from Bike East Bay and Monument Impact.

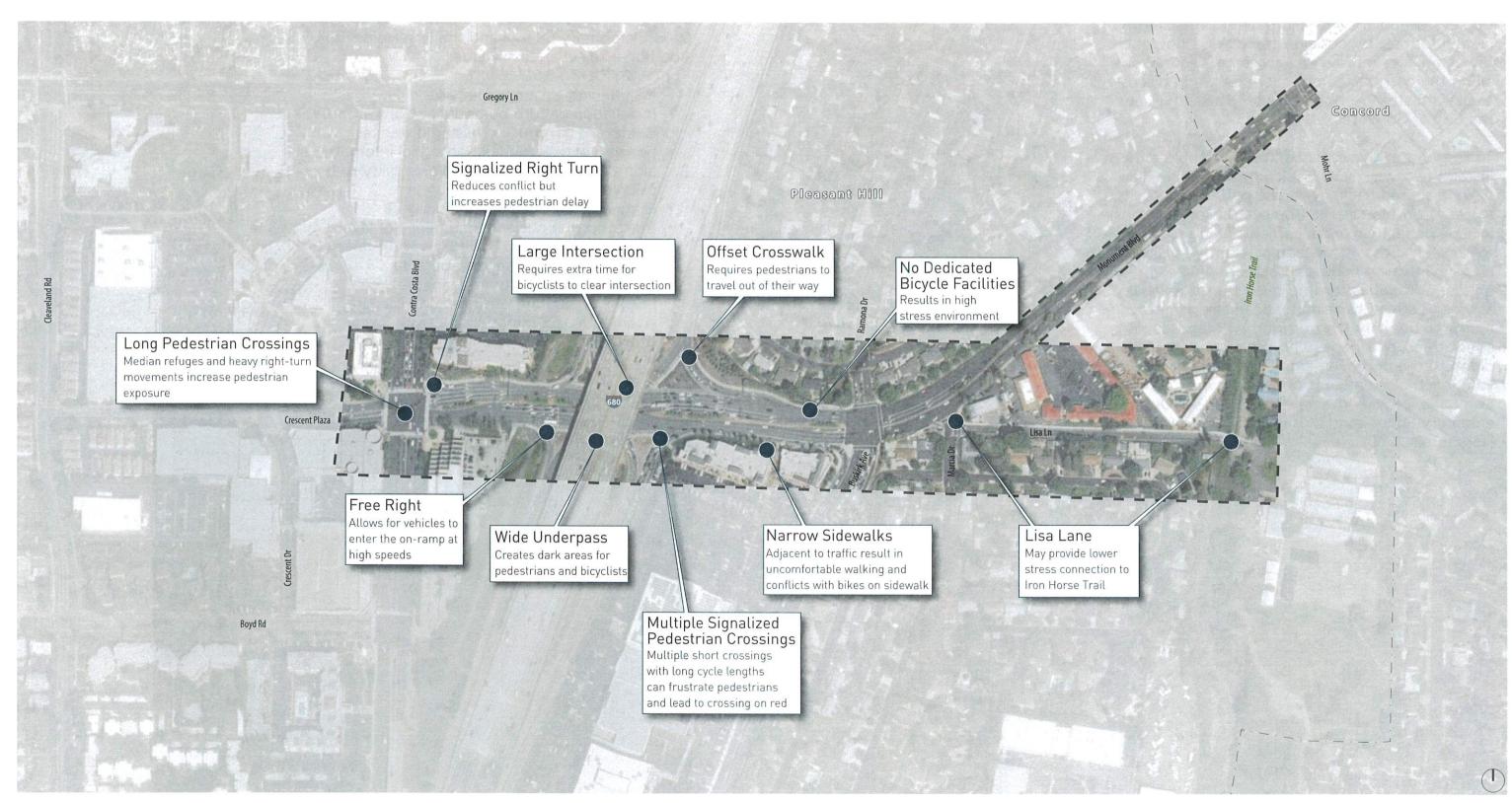
Overall, attendees noted a number of locations where conditions for pedestrian and bicyclists were challenging. This included difficulties with navigating crossings at the I-680 on and off ramps, a lack of low-stress connectivity be-

tween Pleasant Hill and the Iron Horse Trail, and concerns about fast moving traffic near sidewalks and bicycle facilities.

An online web tool was available for attendees to document their comments, take photos, and note destinations where they either currently or wanted to bike and walk. The map was also available for the broader public to participate. A full list of comments received via the online tool is shown in Appendix 3.

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Bicycle and Pedestrian Connectivity Challenges



ALTERNATIVE DESIGNS

Three alternative design concepts were created for Monument Boulevard between Contra Costa Boulevard and the Iron Horse Trail. The designs were informed by collision trends and hotspots, the need for improving access to destinations along the corridor, community input, and discussions with staff from the City of Pleasant Hill and the City of Concord.

To respond to these needs, the City could either install a two-way cycle track bicycle facility (Class IV) or a shared-use bicycle and pedestrian facility (Class I) on Monument Boulevard, Both options include pedestrian enhancements at intersections to shorten crossing distances, improve visibility, and slow turning vehicles. Each option also presents opportunities for improved transit reliability as well as streetscape and placemaking improvements to beautify the corridor with landscaping, street trees, and pedestrian scale lighting. In addition to the improvements to Monument Boulevard, each alternative proposes a cycle track on Lisa Lane, providing a safe route to Fair Oak Elementary School and closing the gap to the Iron Horse Trail

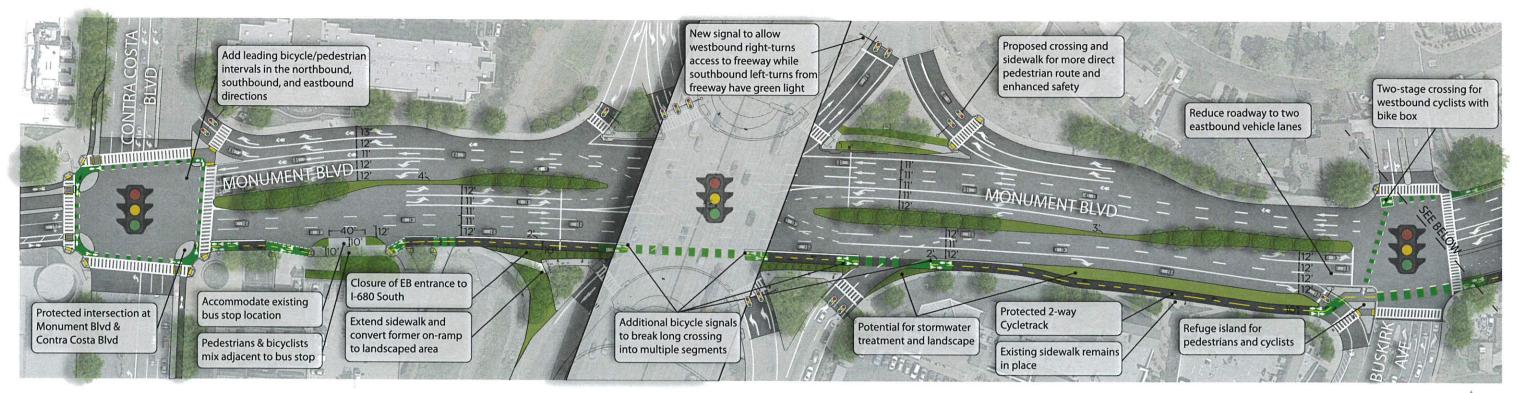
Alternative A

The first alternative proposes installing a Class IV protected bikeways between Contra Costa Boulevard and Lisa Lane. The cycle-track continues along Lisa Lane, providing a safe route to Fair Oaks Elementary School and the Iron Horse Trail. Additional key changes include:

- Maintaining existing sidewalks
- Installation of curb bulbouts at Contra Costa Boulevard to reduce crossing distances
- Leading bicycle/pedestrian signal interval along the corridor to improve visibility of people walking and biking
- High visibility crosswalk markings
- Bus Stop Bulbout on Monument Boulevard
- Conversion of I-680 Southbound on-ramp (EB direction) to a landscape area
- Removal of an eastbound lane between I-680 Northbound off-ramp and Buskirk Avenue to accommodate two-way cycle track



ALTERNATIVE A



ALTERNATIVE A - MONUMENT BLVD



ALTERNATIVE A



ALTERNATIVE A - LISA LANE

Alternative B

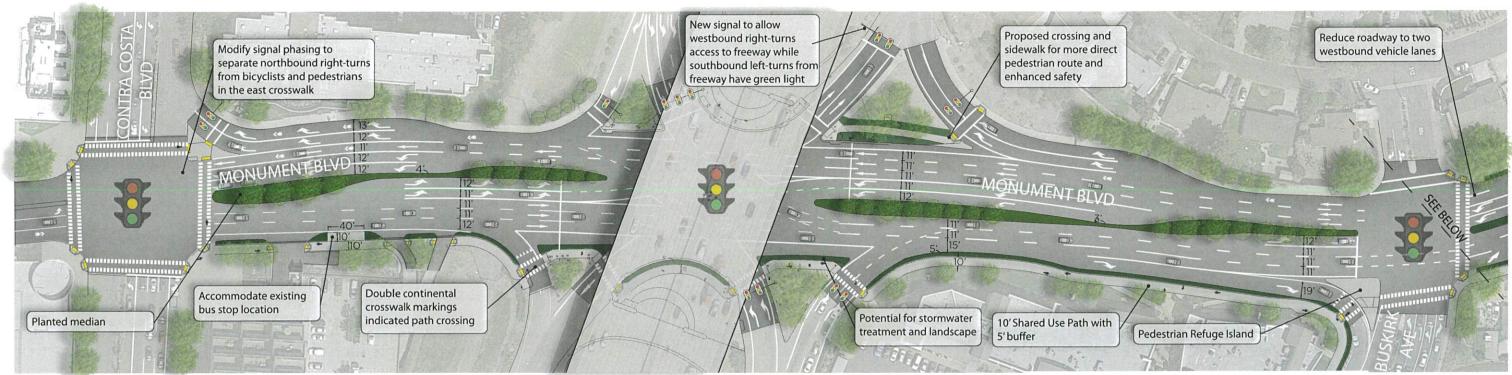
The second alternative proposes installing a 10' Class I shared-use facility between Contra Costa Boulevard and Lisa Lane. The shared-use facility would continue on Lisa Lane, providing a safe route to Fair Oaks Elementary School and the Iron Horse Trail. This alternative would maintain existing lane configurations except for removing a westbound vehicle lane between Mohr Lane and Buskirk Avenue. Signal phasing and timing would be modified to reduce potential conflicts between vehicles and people walking and biking. Unlike Alternative A, this alternative would not remove a lane in the eastbound direction of Buskirk Avenue. Instead, this alternative proposes removing a westbound vehicle lane between Mohr Lane and Buskirk Avenue.



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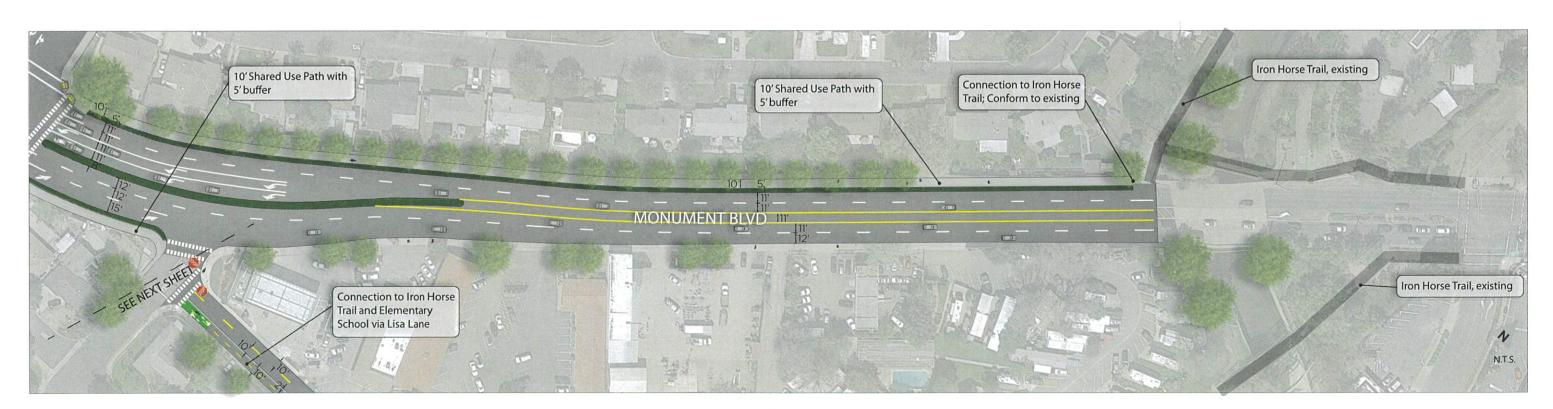
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ALTERNATIVE B



ALTERNATIVE B - MONUMENT BLVD





ALTERNATIVE B



ALTERNATIVE B - LISA LANE

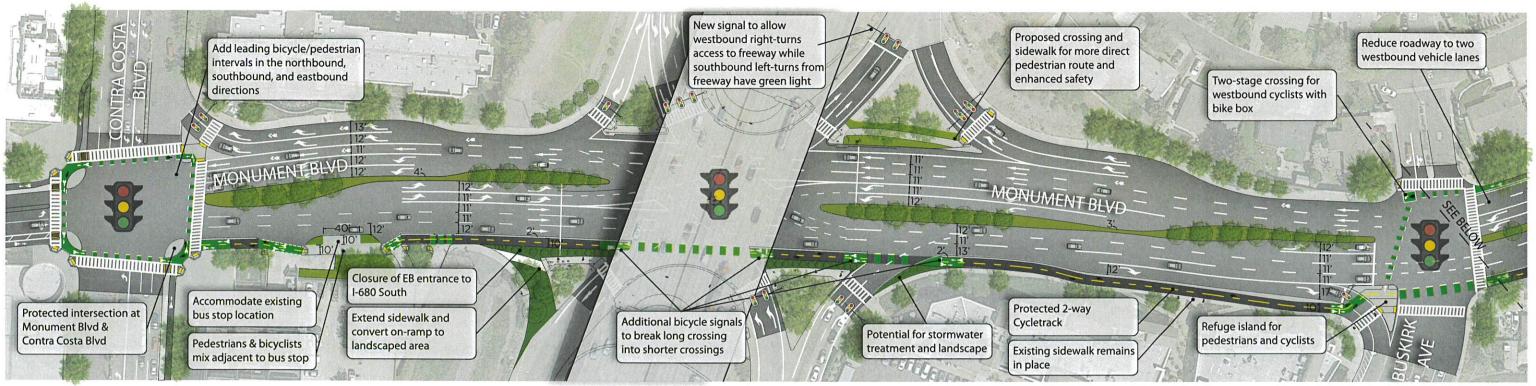
Alternative C

The third alternative is like the first alternative, proposing a Class IV protected bikeways between Contra Costa Boulevard and Lisa Lane. The cycle-track continues along Lisa Lane, providing a safe route to Fair Oaks Elementary School and the Iron Horse Trail. Unlike Alternative A, this alternative would not remove a lane in the eastbound direction of Buskirk Avenue. Instead, this alternative proposes removing a westbound vehicle lane between Mohr Lane and Buskirk Avenue.



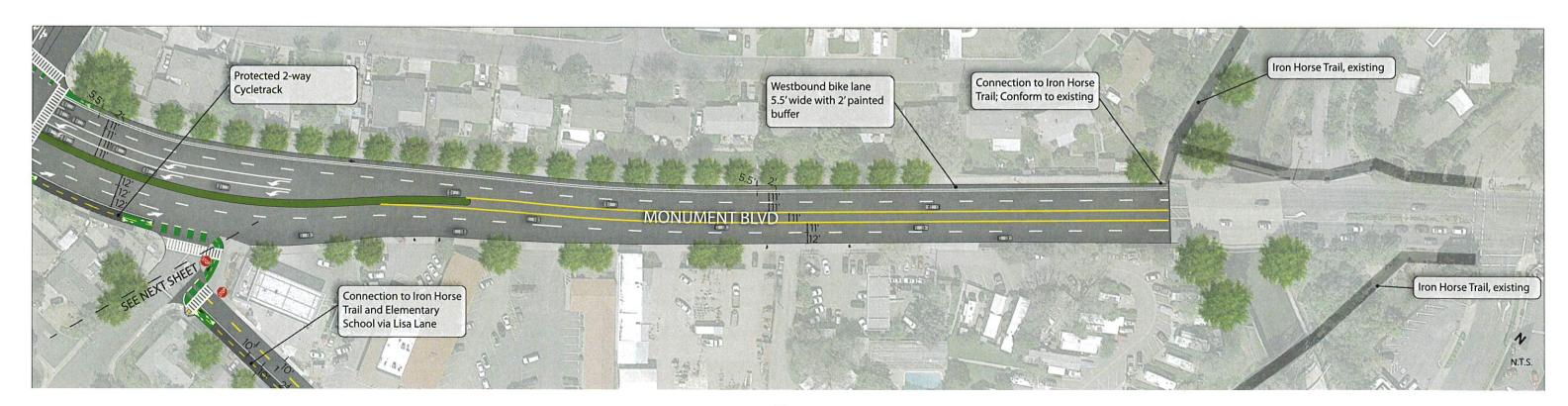
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ALTERNATIVE C

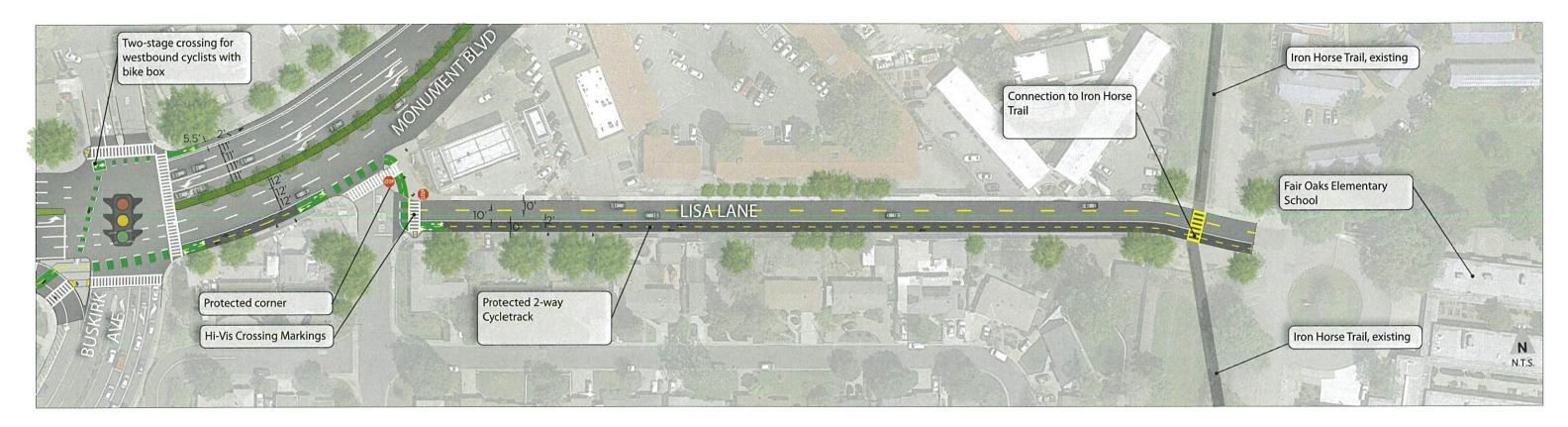


ALTERNATIVE C - MONUMENT BLVD





ALTERNATIVE C



ALTERNATIVE C - LISA LANE

EVALUATION

Category	МоЕ	Baseline	Alternative A	Alternative B	Alternative C
Pedestrian	Turning Vehicle Speed	 Large curb return radii allow for higher speed turns at Contra Costa Boulevard Channelized right turn onto I-680 SB On-Ramp (yield control) Channelized right turn onto Buskirk Avenue 	 Protected Intersection at Contra Costa Boulevard requires vehicles to slow down when turning due to smaller curb radii Leading Pedestrian Interval at Contra Costa Boulevard increases pedestrian visibility for turning vehicles Closing I-680 SB On-Ramp eliminates channelized right turn with yield control 	 Large curb return radii allow for higher speed turns at Contra Costa Boulevard Leading Pedestrian Interval at Contra Costa Boulevard increases pedestrian visibility for turning vehicles Channelized right turn onto I-680 SB On-Ramp (yield control) Channelized right turn onto Buskirk Avenue 	 Protected Intersection at Contra Costa Boulevard requires vehicles to slow down when turning due to smaller curb radii Leading Pedestrian Interval at Contra Costa Boulevard increases pedestrian visibility for turning vehicles Closing I-680 SB On-Ramp eliminates channelized right turn
	Crossing Distance	 Large curb return radii increase crossing distance for pedestrians at Contra Costa Boulevard and Buskirk Avenue Pork-chop islands provides refuge for pedestrians while crossing Buskirk Avenue Crosswalk across I-680 NB On-Ramp requires pedestrians to travel up ramp to reach crosswalk 	 Smaller curb return radii reduce the crossing distance Pork-chop island provides refuge for pedestrians while crossing Buskirk Avenue Moving crosswalk at the I-680 NB On-Ramp south provides direct route for pedestrians 	 Large curb return radii increase crossing distance for pedestrians at Contra Costa Boulevard and Buskirk Avenue Islands provide refuge for pedestrians while crossing Buskirk Avenue Moving crosswalk at the I-680 NB On-Ramp south provides direct route for pedestrians 	 Smaller curb return radii reduce the crossing distance Pork-chop island provides refuge for pedestrians while crossing Buskirk Avenue Moving crosswalk at the I-680 NB On-Ramp south provides direct route for pedestrians
	Yield Compliance	Right-turning vehicles must yield for pedestrians at Contra Costa Boulevard, I-680 SB On- Ramp, and Northbound Buskirk Avenue	 Closing I-680 NB On-Ramp eliminates potential conflict between high-speed vehicles and pedestrians Right-turning vehicles must yield for pedestrians at Contra Costa Boulevard and Northbound Buskirk Avenue 	 Right-turning vehicles must yield for pedestrians at Contra Costa Boulevard, I-680 SB On-Ramp, and Northbound Buskirk Avenue Signal Modifications at Contra Costa Boulevard prevent conflict between people walking and biking and right-turning vehicles Continental Crosswalk Markings increase visibility and presence of crosswalk 	 Closing I-680 NB On-Ramp eliminates potential conflict between high-speed vehicles and pedestrians Right-turning vehicles must yield for pedestrians at Contra Costa Boulevard, I-680 SB On-Ramp, and Northbound Buskirk Avenue
Bicyclist	Presence of Bicycle Facility	Shared facility with motor vehicles with "Sharrow" provided on Monument Boulevard approaching Buskirk Avenue	Two-Way separated bikeway provides separation from vehi- cles and pedestrians	Shared-Use path separates people biking from vehicular traffic but not from pedestrians	Two-Way separated bikeway provides separation from vehi- cles and pedestrians

Category	MoE	Baseline	Alternative A	Alternative B	Alternative C
	Access & Connectivity	 Lack of separated and dedicat- ed bicycle facility does not pro- vide adequate bicycle access to area destinations such as the Iron Horse Trail, Fair Oaks Elementary, and Downtown Pleasant Hill 	Two-way Cycle Track provides bicycle access to Iron-Horse Trail, Fair Oaks Elementary, and Downtown Pleasant Hill	Shared Use facility provides bicycle access to Iron-Horse Trail, Fair Oaks Elementary, and Downtown Pleasant Hill	Two-way Cycle Track provides bicycle access to Iron-Horse Trail, Fair Oaks Elementary, and Downtown Pleasant Hill
	Comfort	 Lack of separated and dedicated bicycle facility on a high-speed, high-volume arterial discourages cycling along Monument Boulevard 	 Two-way Cycle Track separates people biking from high-speed motor vehicles Closing I-680 NB On-Ramp reduces ramp crossing in the vicinity of I-680 	Shared-use bicycle and pedes- trian facility separates people biking from high-speed motor vehicles	 Two-way Cycle Track separates people biking from high-speed motor vehicles Closing I-680 NB On-Ramp reduces ramp crossing in the vicinity of I-680
Vehicle	Travel Times	 5 minutes to travel westbound from Mohr Lane to Contra Costa Boulevard during the morning peak hour 4.5 minutes to travel eastbound from Contra Costa Boulevard to Mohr Lane during the evening peak hour 	 5 minutes to travel westbound from Mohr Lane to Contra Costa Boulevard during the morning peak hour 5 minutes to travel eastbound from Contra Costa Boulevard to Mohr Lane during the evening peak hour 	 5 minutes to travel westbound from Mohr Lane to Contra Costa Boulevard during the morning peak hour 4.5 minutes to travel eastbound from Contra Costa Boulevard to Mohr Lane during the evening peak hour 	 5 minutes to travel westbound from Mohr Lane to Contra Costa Boulevard during the morning peak hour 5 minutes to travel eastbound from Contra Costa Boulevard to Mohr Lane during the evening peak hour
	User Delay	Intersections operating at or just below capacity	User delay increases in the vicinity of Contra Costa Boule- vard and I-680 Ramps	Intersections operating at or just below capacity	Intersections operating at or just below capacity
	Vehicle Queues	Peak-hour queues extend beyond adjacent intersections around the I-680 Ramps	 Peak-hour queues extend beyond adjacent intersections around the I-680 Ramps. Peak-hour queues increase at the southbound left and eastbound thru movements at Contra Costa Boulevard 	Peak-hour queues extend beyond adjacent intersections around the I-680 Ramps	Peak-hour queues extend beyond adjacent intersections around the I-680 Ramps
Transit	In-lane stopping	 In the eastbound direction east of Contra Costa Boulevard, bus must pull out of and re-enter traffic when making a stop Potentially conflicts with bicyclists using the roadway 	 In the eastbound direction east of Contra Costa Boulevard, bus would stop in the third vehicle lane, reducing bus dwell time Conflict with bicyclists is removed by providing a separated bikeway 	 In the eastbound direction east of Contra Costa Boulevard, bus would stop in the third vehicle lane, reducing bus dwell time Conflict with bicyclists is removed by providing a separated bikeway 	 In the eastbound direction east of Contra Costa Boulevard, bus would stop in the third vehicle lane, reducing bus dwell time Conflict with bicyclists is removed by providing a separated bikeway
	Bus stop amenities	 No passenger amenities at stop Passengers must cross land- scape strip to access bus 	Bus island provides space to wait for and board bus with ADA compliant access	Bus island provides space to wait for and board bus with ADA compliant access	Bus island provides space to wait for and board bus with ADA compliant access

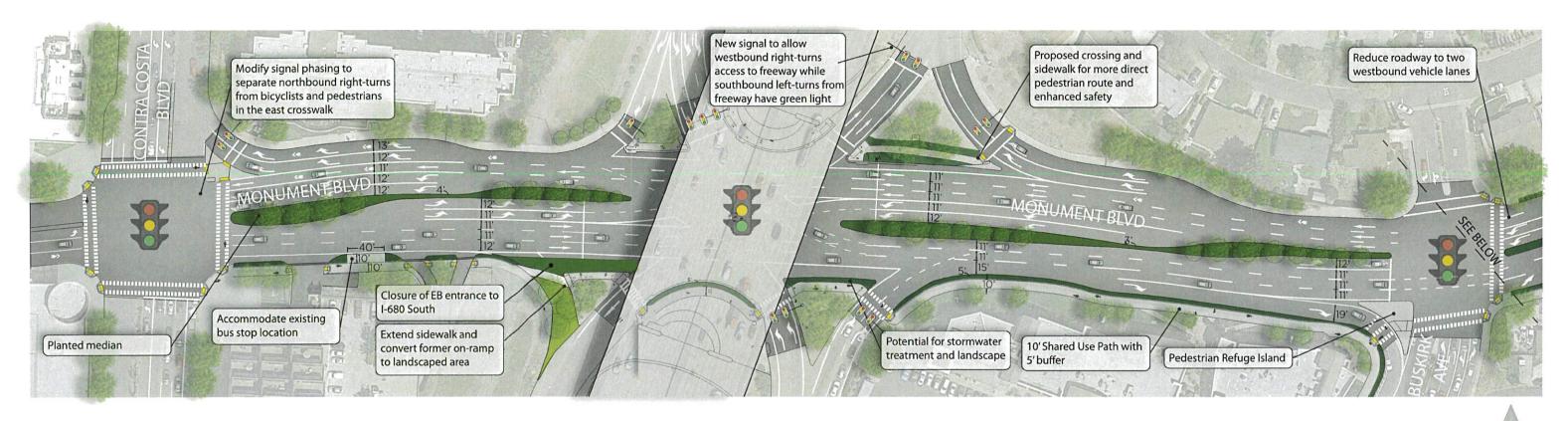
PREFERRED ALTERNATIVE

Based on discussions with project stakeholders, including TRANSPAC and the Cities of Pleasant Hill and Concord, a fourth alternative was developed that incorporated elements of the previous three alternatives to best meet the goals of the project. First, Alternative B was chosen for it's inclusion of a Class I shared use path on the south side of Monument Boulevard between Contra Costa Boulevard and Buskirk Avenue, and on the north side of Monument Boulevard between Buskirk Avenue and the Iron Horse Trail. A Class 1 path was chosen to maximize the space available to both pedestrians and bicyclists, and for consistency with trails in the vicinity like the Iron Horse Trail and Contra Costa Canal Trail.

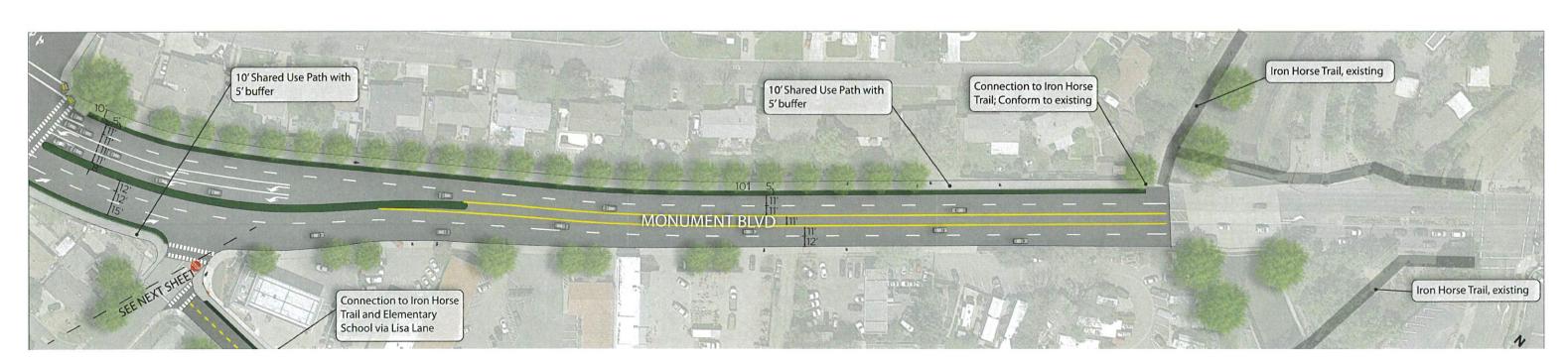
Additional features carried into this preferred alternative include closing the eastbound Monument Boulevard to southbound I-680 slip lane, similar to Alternative A and included a Class 1 path on the north side of Lisa Lane instead of a two-way Class IV separated bikeway on the south side. This was chosen to maximize the space available for pedestrians and bicyclists, provide consistency with the rest of the project, and to avoid the existing utility poles along the southside.

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PREFERRED ALTERNATIVE



PREFERRED ALTERNATIVE - MONUMENT BLVD



PREFERRED ALTERNATIVE



PREFERRED ALTERNATIVE - LISA LANE

FUNDING OPPORTUNITIES

Given the project's active transportation safety and access focus, and potential for regional connectivity, a wide variety of local, state, and federal funding may be available.

SB 1 Funding

California's Senate Bill 1 (SB 1), also known as the Road Repair and Accountability Act of 2017, is a landmark transportation investment to rebuild California by fixing neighborhood streets. freeways, and bridges in communities across California and targeting funding toward transit and congested trade and commute corridor improvements.

The largest portion of SB 1 funding goes to California's state-maintained transportation infrastructure. With this funding, Caltrans has a goal of repairing or replacing 17,000 miles of pavement in 10 years, spending \$250 million annually for congestion solutions, over \$700 million for better transit commutes, and supporting freight improvements. The other portion of SB 1 funding will go to local roads, transit agencies, and expanding the state's pedestrian and cycle routes. SB 1 funds various grant programs.

Local Partnership Program (LPP)

The Local Partnership Program's purpose is to provide local and regional transportation agencies that have passed sales tax measures, developer fees, or other imposed transportation fees, with a funding of \$200 million annually from the Road Maintenance and Rehabilitation Account to fund aging infrastructure, road conditions, active

transportation, and health and safety benefits projects. LPP funds are distributed through a 50% statewide competitive component and a 50% formulaic component. Both programs are eligible to jurisdictions with voter approved taxes, tolls, and fees dedicated solely to transportation and the competitive program.

Local Streets and Roads Program (LSRP)

California has dedicated approximately \$1.5 billion per year appointed by the State Controller (Controller) to cities and counties for basic road maintenance, rehabilitation, and critical safety projects on the local streets and roads system. Cities and counties must submit a proposed projects list adopted at a regular meeting by their board or council that is then submitted to the California Transportation Commission (Commission). Once reviewed and adopted by the Commission, eligible cities and counties receive funding from the Controller and an Annual Project Expenditure Report is sent to the Commission to be transparent with program funding received and expended.

Active Transportation Program (ATP) Funding

The Active Transportation Program (ATP) was created by Senate Bill 99 to encourage increased use of active modes of transportation such as walking and biking. The goals of the ATP include, but are not limited to, increasing the proportion of trips accomplished by walking and biking, increasing the safety and mobility of non-motorized users,

advancing efforts of regional agencies to be included in an adopted general plan or achieve greenhouse gas reduction goals, bicycle plan and must have been reviewed enhancing public health, and providing a by County's bicycle advisory committee. broad spectrum of projects to benefit many types of users, including disadvantaged communities. SB 1 directs \$100 million annually to the ATP, with more than 400 of the funded projects being Safe Routes to School projects and programs that encourage a healthy and active lifestyle throughout students' lives.

Safe Routes to School (SRTS) Funding

Safe Routes to School (SRTS) is a program promoting walking and bicycling to school through infrastructure improvements, tools, safety education, and incentives to encourage these modes of travel. Nationally, 10% to 14% of car trips during the morning rush hour are for school travel. SRTS can be implemented at the state, community, or local school district level. Competitive federal funding is available through the Fixing America's Surface Transportation Act The Recreational Trails Program (RTP) (FAST Act). Depending on the existing infrastructure, SRTS may require that education, transportation, public safety, and city planning agencies coordinate their effort.

Transportation Development Act (TDA)

Article 3 TDA Article 3 is perhaps the most readily available source of local funding for bicycle projects. TDA funds are derived from a statewide quarter-cent retail sales tax. This tax is returned to the county of origin and distributed to the cities and county on a population basis. Under TDA Article 3, two percent of each entity's TDA allocation is set aside for pedestrian and bicycle projects; this generates approximately \$3 million in the Bay Area annually. Eligible projects include the design and construction of walkways, bicycle paths and bicycle lanes, and safety education programs. According to MTC Resolution 875, these projects must

California Cap-and-Trade Funding

The Global Warming Solutions Act of 2006 (AB 32) directed the California Air Resources Board (ARB) to institute programs to reduce greenhouse gas (GHG) emissions. The Cap-and-Trade Program, a key element of the ARB's plan to reduce emissions, funds several programs that support the goals of AB 32. Several of these programs relate to transportation and mode shift. The Affordable Housing and Sustainable Communities Program (AHSC), for one, provides funding to support active transportation and complete streets initiatives, among other project types.

California State Parks Recreational Trails Program (RTP)

provides funds for recreational trails and trails-related projects, including Class I Bicycle Paths. The program is administered at the state level by the California Department of Parks and Recreation (DPR) and the Caltrans Active Transportation Program (ATP).

Transformative Climate Communities (TCC) Program

The TCC Program funds community-led development and infrastructure projects that strive to make major advances in environmental, health, and economic benefits in California's most disadvantages communities. Eligible improvements for this funding source include active transportation and public transit projects, transit ridership programs and passes for low-income riders, and encouraging education and planning activities to promote increased use of active modes of transportation.

Transportation for Livable Communities

MTC created the Transportation for Livable Communities (TLC) program in 1998. MTC uses this program to finance pedestrian, bicycle and streetscape improvements near public transit in cities around the Bay Area. The purpose of TLC is to support community-based transportation projects that bring new vibrancy to downtown areas, commercial cores, neighborhoods and transit corridors, making them places where people want to live, work and visit. Pedestrian- and transit-friendly developments are hallmarks of the program. The TLC program has been incorporated into the One Bay Area Grant (OBAG) program.

Transportation Fund for Clean Air (TFCA)

TFCA is a grant program administered by the Bay Area Air Quality Management District (BAAQMD) and funded through a surcharge on motor vehicles registered in the Bay Area. The Air District offers funding to public agencies for trip reduction. bikeways and bicycle parking, and clean air vehicle projects. A subprogram of the TFCA is the Bikeways, Roads, Lanes and Paths program, which offers funding for bicycle parking and bikeway projects (Class I-IV). Funding will be offered on a first-come, first-served basis until the funds are spent. Bicycle projects may also be funded through the TFCA's County Program Manager Fund. Under this subprogram, 40% of TFCA revenues collected in each Bay Area county is returned to that county's congestion management agency (CMA) for allocation. Applications are made directly to the CMAs, but must also be approved by the BAAQMD.

One Bay Area Grants (OBAG)

Currently preparing for January 2022 adoption of its third funding round, OBAG uses federal STBG and CMAQ funds to maintain MTC's commitments to regional transportation priorities while also advancing the Bay Area's land-use and housing goals. Cities and counties can use these OBAG funds to invest in bicycle and pedestrian improvements, Safe Routes to School projects, TLC projects and planning for Priority Development Areas among other uses. MTC distributes OBAG funds to county Congestion Management Agencies in each Bay Area County. The CMAs are then responsible for selecting eligible projects within each county.

Measure J

In November 2004, Contra Costa voters approved Measure J. which extended Measure C (approved 1988), the county's half-percent sales tax for transportation. until 2034. The most explicit source of funding for pedestrian and bicycle projects is through Measure J's Pedestrian. Bicycle and Trail Facilities (PBTF) program, which funds projects identified in the CBPP. The Measure J Transportation for Livable Communities (TLC) program also supports mixed-use, walkable and transit-accessible development and projects that encourage walking and bicycling as its primary goals. The measure also encourages jurisdictions to fund bicycle and pedestrian facilities through other Measure J programs including their shares of the 18% return to-source funds. Measure J also requires local jurisdictions comply with the County's Growth Management Program (GMP), which is described below. to be eligible for funding through two of the measure's programs.

Measure J requires that local jurisdictions comply with CCTA's Growth Management Program (GMP) to be eligible for funding through two of the Measure's programs. Among the requirements of the GMP is that each jurisdiction "incorporate policies and standards into its development approval process that support transit, bicycle and pedestrian access in new developments." The Authority has been implementing the GMP since the adoption of Measure C in 1988. The GMP requires jurisdictions to work together to address regional and countywide transportation issues. CCTA works with RTPCs to implement a Regional Transportation Mitigation Program, which is built from the fees and impact programs adopted by individual RTPCs. CCTA requires jurisdictions to adopt standards for evaluating the impacts of new development on walking, bicycling and transit and also develops and maintains computer models and develops methodologies for analyzing the effects of land use changes and transportation improvements.

VMT Mitigation Fees

Robust and safe active transportation networks are necessary to increase walking and bicycling to existing destinations and new development. A VMT impact fee is an option to ensure new developments are paying their fair share for improvements needed to create these networks. This fee could be based on vehicle trip generation. trip length, and the share of new trips per land use type. This fee could provide a local source of funding and contribute to the local match required for various funding sources. For some projects, alternatives to reducing VMT may be limited, and a fee benefiting active transportation projects may be a viable option to offset VMT increases.

NEXT STEPS

With the finalization of this Study, there are four immediate next steps that TRANS-PAC and the City of Pleasant Hill can take to continue to move this project forward:

- 1. Identify and apply for grants with deadlines in 2022 that can fund environmental, design, and construction elements
- 2. Coordinate internally with upcoming roadway improvement projects and development projects that may provide local funding
- 3. Engage communities along the corridor on an ongoing basis to provide regular updates on project progress
- 4. Engage Caltrans for project coordination to continue to move the project through the permitting process

Appendix 1

Traffic Operations Technical Memorandum

Appendix 2

Cost Estimates

Monument Boulevard/I-680 Bike & Ped Study Alternative A

Project Location:

Monument Boulevard, City of Pleasant Hill, City of Concord

Contra Costa Blvd/Monument Blvd Intersection

- Protected intersection design that includes the following improvements:
- Protected bike facilities on the north and south approaches of the intersection
- A lane drop and new eastbound buffered bike lane in the east approach of the intersection
- Leading bicycle and pedestrian intervals
- Enlargment of the existing pork chop island in the northeast corner of the intersection

Monument Blvd/I-680 Ramp Interchange

- Additional signal head at the northbound on-ramp to allow for the phase associated with the westbound right-turn to overlap with the southbound left-turn phase
- Re-striping of Hi-vis crosswalks
- Optimization of pedestrian crossings phases/timings
- Additional bicycle signals installed as part of the new clasv IV bicycle facility to break up long crossings within the intersection
- Full closure of the existing eastbound ramp entrance to I-680 South
- Landscaping improvements within the existing intersection islands

Monument Blvd/Buskirk Ave Intersection

- Reconstruction of the eastbound right-turn slip lane, including a lane drop in the eastbound direction through the intersection, in order to accommodate new class IV facility
- Enlargment of the existing pork chop island in the southwest corner of the intersection
- Separation of the bicycle and pedestrian crossings across the southern leg of the intersection, including the striping of a new crossbike

Work Description:

- New Hi-vis crosswalk striping
- New two-stage left turn box for to enable westbound cyclists access to the new class IV facility along the south side of the
- Extension of the existing eastbound right turn lane to become a trap-lane, starting from the adjacent upstream interchange Marcia Dr/Lisa Ln
- Protected corner design at the Monument Blvd/Marcia Dr intersection, along with Hi-vis crossings to connect the two proposed class IV facilities along Monument Blvd and Lisa Ln
- New class IV bicycle facility along the south side of Lisa Ln, connecting the new facilities along Monument Blvd to the regional Iron Horse Trail

- Restriping along the entire corridor due to realignment and lane width reduction of several travel lanes
- Median reconstruction and landscape improvements
- New two-way protected cycle track along the south side of the corridor
- Re-design of the existing bus stop on the south side of the corridor between the intersections of Contra Costa Blvd and I-680
- New westbound Class II buffered bike lane along the north side of the corridor beginning the Iron horse Trail connection near the Mohr Lane intersection, and ending at the westbound approach of the Buskirk Ave intersection

ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
General Construction					
1	Mobilization (Including Water Pollution Control Plan)	LS	1	\$283,000	\$283,000
2	Traffic Control & Construction Area Signs	LS	1	\$283,000	\$283,000
3	Miscellaneous Construction	LS	1	\$142,000	\$142,000
					\$708,000
Monument Boulevard/C	ontra Costa Boulevard Intersection				
1	Remove Existing Pavement Delineation	400	LF	\$1	\$400
2	Remove Existing Thermoplastic Pavement Marking	3900	SF	\$10	\$39,000
3	Remove Median	450	SF	\$10	\$4,500
4	Signal Modification	1	LS	\$200,000	\$200,000
5	Curb Ramp	13	EA	\$7,500	\$97,500
6	Median Treatment	3500	SF	\$8	\$28,000
7	Median Curb	1000	LF	\$35	\$35,000
8	Drainage Improvements	1	LS	\$30,000	\$30,000
9	Crosswalk (Hi-vis)	410	LF	\$30	\$12,300
10	Bikeway Skip Stripe	320	LF	\$28	\$8,800
11	Green Class IV Striping	1100	SF	\$8	\$8,800
12	Mixed-Use Pavement Marking	11	EA	\$112	\$1,300
13	Thermoplastic Traffic Stripe	1450	LF	\$2	\$2,900
14	Thermoplastic Pavement Marking	140	SF	\$4	\$600
					\$468,700
Segment 1 - Contra Cos	ta Boulevard to I-680 SB Ramps				
1	Concrete Curb & Gutter (includes pervious surfaces)	300	LF	\$50	\$15,000
2	Remove Existing Pavement Delineation	2600	LF	\$1	\$2,600
3	Remove Existing Thermoplastic Pavement Marking	1075	SF	\$10	\$10,800
4	Thermoplastic Traffic Stripe	2600	LF	\$2	\$5,200
5	Thermoplastic Pavement Marking	1075	SF	\$4	\$4,300
6	Bikeway Skip Stripe	20	LF	\$28	\$600
7	Sidewalk	750	SF	\$30	\$22,500

8					
	Curb Ramp	5	EA	\$7,500	\$37,500
9	Landscaping	9500	SF	\$15	\$142,500
	Median Treatment	6000	SF	\$8	\$48,000
10			LF	\$35	\$49,000
11	Median Curb	1400			
12	Remove Median	1400	SF	\$10	\$14,000
13	Drainage Improvements	1	LS	\$50,000	\$50,000
14	Green Class IV Striping	1285	SF	\$8	\$10,300
		6	EA	\$112	\$700
15	Mixed-Use Pavement Marking	77.1			
16	Roadway Pavement	4000	SF	\$10	\$40,000
					\$453,000
	Loop Lateral Company Interception				
Monument Boulevard &	I-680 Interchange Intersection				00.500
1	Remove Existing Pavement Delineation	3500	LF	\$1	\$3,500
2	Signal Modification	1	LS	\$250,000	\$250,000
3	Curb Ramp	2	EA	\$7,500	\$15,000
		450	SF	\$8	\$3,600
4	Median Treatment				
5	Median Curb	400	LF	\$35	\$14,000
6	Sidewalk	750	SF	\$30	\$22,500
		19050	SF	\$15	\$285,800
7	Landscaping				\$15,000
8	Drainage Improvements	1	LS	\$15,000	
9	Crosswalk (Hi-vis)	250	LF	\$30	\$7,500
10	Bikeway Skip Stripe	200	LF	\$28	\$5,500
			SF	\$8	\$3,100
11	Green Class IV Striping	385			
12	Mixed-Use Pavement Marking	6	EA	\$112	\$700
13	Thermoplastic Traffic Stripe	3100	LF	\$2	\$6,200
		4000	SF	\$10	\$40,000
14	Roadway Pavement	4000	or_	ΨΙΟ	
				<u> </u>	\$672,400
Seament 2 LEGO NP P	amps to Buskirk Avenue				
		300	LF	\$50	\$15,000
1	Concrete Curb & Gutter (includes pervious surfaces)				
2	Remove Existing Pavement Delineation	4000	LF	\$1	\$4,000
3	Remove Existing Thermoplastic Pavement Marking	700	SF	\$10	\$7,000
		3300	LF	\$2	\$6,600
4	Thermoplastic Traffic Stripe			\$4	\$2,600
5	Thermoplastic Pavement Marking	650	SF		
6	Landscaping	12500	SF	\$15	\$187,500
7	Median Treatment	200	SF	\$8	\$1,600
	6.50(1):00:00:00	2150	LF	\$35	\$75,300
8	Median Curb				
9	Remove Median	7500	SF	\$10	\$75,000
10	Drainage Improvements	1	LS	\$100,000	\$100,000
		1000	SF	\$8	\$8,000
	Green Class IV Striping				\$500
11					
11 12	Mixed-Use Pavement Marking	4	EA	\$112	
	Mixed-Use Pavement Marking Roadway Pavement	4 4500	EA SF	\$112 \$10	\$45,000
12					
12 13	Roadway Pavement				\$45,000
12 13	Roadway Pavement Buskirk Avenue Intersection	4500	SF	\$10	\$45,000 \$528,100
12 13 Monument Boulevard/l	Roadway Pavement				\$45,000 \$528,100 \$900
12 13 Monument Boulevard/6	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation	4500 850	SF LF	\$10	\$45,000 \$528,100 \$900
12 13 Monument Boulevard/b 1 2	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median	850 800	SF LF SF	\$10 \$1 \$10	\$45,000 \$528,100 \$900 \$8,000
12 13 Monument Boulevard/E 1 2 3	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification	850 800 1	LF SF LS	\$10 \$1 \$10 \$250,000	\$45,000 \$528,100 \$900 \$8,000 \$250,000
12 13 Monument Boulevard/b 1 2	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median	850 800 1 5	SF LF SF LS EA	\$10 \$1 \$10 \$250,000 \$7,500	\$45,000 \$528,100 \$900 \$8,000 \$250,000 \$37,500
12 13 Monument Boulevard/t 1 2 3 4	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp	850 800 1	LF SF LS	\$10 \$1 \$10 \$250,000	\$45,000 \$528,100 \$900 \$8,000 \$250,000 \$37,500 \$10,400
12 13 Monument Boulevard/t 1 2 3 4 5	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment	850 800 1 5 1300	LF SF LS EA SF	\$10 \$1 \$10 \$250,000 \$7,500	\$45,000 \$528,100 \$900 \$8,000 \$250,000 \$37,500 \$10,400
12 13 Monument Boulevard/8 1 2 3 4 5 6	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb	4500 850 800 1 5 1300 200	SF LF SF LS EA SF LF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400
12 13 Monument Boulevard/t 1 2 3 4 5	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis)	4500 850 800 1 5 1300 200 300	SF LF SF LS EA SF LF LF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$35	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$9,000
12 13 Monument Boulevard/8 1 2 3 4 5 6	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb	4500 850 800 1 5 1300 200	LF SF LS EA SF LF LF LF	\$10 \$10 \$10 \$250,000 \$7,500 \$8 \$35 \$35 \$30 \$28	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$9,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe	850 800 1 5 1300 200 300 250	SF LF SF LS EA SF LF LF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$35	\$45,000 \$528,100 \$900 \$8,000 \$250,000 \$10,400 \$7,000 \$9,000
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping	850 800 1 5 1300 200 300 250 130	SF LF SF LS EA SF LF LF SF SF	\$10 \$10 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$9,000 \$6,900
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking	4500 850 800 1 5 1300 200 300 250 130 2	SF LF SF LS EA SF LF LF SF EA	\$10 \$10 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$9,000 \$6,900 \$1,100 \$3300
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping	850 800 1 5 1300 200 300 250 130	SF LF SF LS EA SF LF LF SF SF	\$10 \$10 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$300 \$800
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking	4500 850 800 1 5 1300 200 300 250 130 2	SF LF SF LS EA SF LF LF SF EA	\$10 \$10 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$300 \$800
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe	4500 850 800 1 5 1300 200 300 250 130 2	SF LF SF LS EA SF LF LF SF EA	\$10 \$10 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$300 \$800
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10 11	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue	4500 850 800 1 5 1300 200 300 250 130 2 400	SF LF SF LS EA SF LF LF LF LF LF LF LF LF LF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$9,000 \$6,900 \$1,100 \$300 \$800 \$331,900
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces)	4500 850 800 1 5 1300 200 300 250 130 2 400	SF LF SF LS EA SF LF LF LF LF LF LF LF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10 11	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation	850 800 1 5 1300 200 300 250 130 2 400	SF LF SF LS EA SF LF LF LF LF LF LF LF LF LF	\$10 \$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$3300 \$331,900
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation	4500 850 800 1 5 1300 200 300 250 130 2 400	SF LF SF LS EA SF LF LF LF LF LF LF LF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$3300 \$331,900
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking	4500 850 800 1 5 1300 200 300 250 130 2 400	SF LF SF LS EA SF LF LF LF LF EA LF SF EA F SF EA F SF SF SF	\$10 \$11 \$10 \$250,000 \$7,500 \$8 \$335 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$3300 \$331,900 \$3,800 \$4,500 \$3,000
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe	850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 7000	SF LF SF LS EA SF LF LF LF SF EA LF LF LF LF LF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$330,000 \$331,900 \$4,500 \$3,000 \$14,000
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 3	SF LF SF LS EA SF LF LF LF LF SF EA LF LF SF SF SF SF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$110 \$10 \$2 \$4	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$4,500 \$4,500 \$14,000 \$14,000
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe	850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 7000	SF LF SF LS EA SF LF LF LF SF EA LF LF LF LF SF LF SF LF SF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$2 \$4	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$6,900 \$1,100 \$330 \$800 \$331,900 \$4,500 \$14,000 \$14,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 6	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 3	SF LF SF LS EA SF LF LF LF LF SF EA LF LF SF SF SF SF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$110 \$10 \$2 \$4	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$6,900 \$1,100 \$330 \$800 \$331,900 \$4,500 \$14,000 \$14,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Bikeway Skip Stripe Thermoplastic Traffic Stripe Median Treatment	850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 300 75 2000	SF LF SF LS EA SF LF LF LF LF SF EA LF SF LF SF LF SF SF SF SF	\$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$2 \$4 \$28 \$8	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$9,000 \$6,900 \$331,900 \$331,900 \$34,500 \$14,000 \$1,200 \$1,100 \$3,800 \$4,500 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100 \$1,100
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb	850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 300 75 2000 1000 1000	SF LF SF LS EA SF LF LF SF EA LF LF SF LF SF LF SF LF SF LF SF LF	\$10 \$11 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$38 \$35	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$31,400 \$14,000 \$1,200 \$2,100 \$16,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 300 75 2000 1000 3000	SF LF LS EA SF LF LF SF EA LF SF EA LF SF LF SF LF SF LF SF LF SF S	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$4 \$28 \$35 \$35 \$30 \$28 \$35 \$30 \$28 \$35 \$30 \$28 \$35 \$30 \$28 \$35 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$4,500 \$3,000 \$14,000 \$1,200 \$2,100 \$16,000 \$35,000 \$35,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb	850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 300 75 2000 1000 1000	SF LF SF LS EA SF LF LF SF EA LF SF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$1 \$10 \$2 \$4 \$28 \$8 \$110 \$10 \$2 \$4 \$28 \$8	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$330,000 \$331,900 \$14,000 \$14,000 \$14,000 \$16,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000
12 13 Monument Boulevard/II 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 300 75 2000 1000 3000 1 1	SF LF LS EA SF LF LF SF EA LF SF EA LF SF LF SF LF SF LF SF LF SF S	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$4 \$28 \$35 \$35 \$30 \$28 \$35 \$30 \$28 \$35 \$30 \$28 \$35 \$30 \$28 \$35 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$330,000 \$331,900 \$14,000 \$14,000 \$14,000 \$15,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 75 2000 1000 3000 1 950 950	SF LF SF LS EA SF LF LF LF SF EA LF LF SF LF SF LF SF LF SF LF SF LF SF S	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$112 \$2 \$110 \$10 \$2 \$4 \$28 \$3 \$10 \$10 \$2 \$4 \$28 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$4,500 \$14,000 \$14,000 \$14,000 \$15,000 \$35,000 \$15,000 \$35,000 \$15,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Sutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking	#500 #50 #50 #50 #50 #50 #50 #50	SF LF SF LS EA SF LF LF LF SF EA LF SF LS SF EA	\$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$110 \$2 \$4 \$28 \$8 \$112	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$1,100 \$330 \$331,900 \$1,100 \$3,800 \$3,800 \$1,100 \$1,200 \$1,200 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11	Roadway Pavement Buskirk Avenue Intersection Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 75 2000 1000 3000 1 950 950	SF LF SF LS EA SF LF LF LF SF EA LF LF SF LF SF LF SF LF SF LF SF LF SF S	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$112 \$2 \$110 \$10 \$2 \$4 \$28 \$3 \$10 \$10 \$2 \$4 \$28 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$14,000 \$11,200 \$2,100 \$15,000 \$35,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Sutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking	#500 #50 #50 #50 #50 #50 #50 #50	SF LF SF LS EA SF LF LF LF SF EA LF SF LS SF EA	\$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$110 \$2 \$4 \$28 \$8 \$112	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$14,000 \$11,200 \$2,100 \$15,000 \$35,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement	#500 #50 #50 #50 #50 #50 #50 #50	SF LF SF LS EA SF LF LF LF SF EA LF SF LS SF EA	\$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$110 \$2 \$4 \$28 \$8 \$112	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$14,000 \$11,200 \$2,100 \$15,000 \$35,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 300 75 2000 1000 3000 1 950 6 1600	SF LF SF LS EA SF LF LF SF EA LF SF LF SF LF SF LF SF LF SF S	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$335 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$2 \$4 \$2 \$35 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$14,500 \$14,000 \$1,200 \$1,200 \$1,200 \$1,500 \$15,000 \$15,000 \$15,000 \$15,000 \$16,000 \$16,000 \$16,000
12 13 Monument Boulevard/t 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Ive & Lisa Lane Remove Existing Pavement Delineation	850 800 1 5 1300 200 300 250 130 2 400 1 4500 300 7000 300 75 2000 1000 3000 1 950 6 1600 2700 1000 2700 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 10	SF LF SF LS EA SF LF LF SF EA LF SF EA LF SF LF SF	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$110 \$10 \$2 \$4 \$28 \$8 \$110 \$10 \$2 \$4 \$28 \$8 \$110 \$2 \$4 \$2 \$4 \$2 \$3 \$4 \$5 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$4,500 \$3,000 \$14,000 \$1,200 \$2,100 \$15,000 \$15,000 \$15,000 \$16,000 \$148,900
12 13 Monument Boulevard/I 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 300 75 2000 1000 3000 1 950 6 1600	SF LF SF LS EA SF LF LF SF EA LF SF LF SF LF SF LF SF LF SF S	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$112 \$2 \$10 \$10 \$2 \$4 \$28 \$8 \$112 \$10 \$2 \$4 \$28 \$8 \$112 \$10 \$11 \$11 \$11 \$11 \$11 \$11 \$11	\$45,000 \$528,100 \$8,000 \$250,000 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$331,900 \$14,000 \$14,000 \$15,000 \$15,000 \$15,000 \$15,000 \$16,000 \$15,000 \$16,000 \$15,000 \$15,000 \$16,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,00
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr 1 2	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Ive & Lisa Lane Remove Existing Pavement Delineation Remove Existing Pavement Delineation Remove Existing Pavement Delineation	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 75 2000 1000 3000 1 950 6 1600 150 150	SF LF SF LS EA SF LF LF SF EA LF SF S	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$112 \$2 \$10 \$10 \$2 \$4 \$28 \$8 \$112 \$10 \$2 \$4 \$28 \$8 \$112 \$10 \$11 \$11 \$11 \$11 \$11 \$11 \$11	\$45,000 \$528,100 \$8,000 \$250,000 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$331,900 \$14,000 \$14,000 \$15,000 \$15,000 \$15,000 \$15,000 \$16,000 \$15,000 \$16,000 \$15,000 \$15,000 \$16,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,00
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr 1 1 2 3 3	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Intermoplastic Traffic Stripe Bikeway Skip Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Ive & Lisa Lane Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe	## ## ## ## ## ## ## ## ## ## ## ## ##	SF LF SF LS EA SF LF LF LF SF EA LF SF	\$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$112 \$2 \$4 \$28 \$8 \$112 \$10 \$2 \$4 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$331,900 \$3,800 \$3,800 \$3,800 \$14,000 \$1,200 \$1,200 \$1,500 \$16,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,
12 13 Monument Boulevard/8 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr 1 2 3 4	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Ive & Lisa Lane Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe	4500 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 3000 1 950 6 1600 150 850 150 150	SF LF SF LS EA SF LF LF SF EA LF SF LS SF LS SF LS SF SF	\$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$112 \$2 \$4 \$28 \$8 \$112 \$2 \$4 \$10 \$2 \$4 \$2 \$4 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$331,900 \$14,000 \$1,200 \$12,000 \$15,000 \$7,600 \$7,600 \$7,600 \$16,000 \$148,900 \$148,900 \$1,700 \$1,700 \$1,700 \$16,000 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,700 \$1,
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr 1 1 2 3 3	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Intermoplastic Traffic Stripe Bikeway Skip Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Ive & Lisa Lane Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe	4500 850 800 1 5 1300 200 300 250 130 2 400 150 300 7000 300 75 2000 1000 3000 1 950 6 1600 150 850 150 50 50	SF LF SF LS EA SF LF LF LF SF EA LF SF LS SF LS SF LS SF LS SF	\$10 \$11 \$10 \$250,000 \$7,500 \$8 \$335 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$112 \$2 \$4 \$28 \$8 \$10 \$10 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$5 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$14,000 \$14,000 \$1,200 \$2,100 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$
12 13 Monument Boulevard/I 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr 1 2 3 4 5 6 7	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Mixed-Use Pavement Marking Roadway Pavement Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe	4500 850 800 1 5 1300 200 300 250 130 2 400 150 300 7000 300 75 2000 1000 3000 1 950 6 1600 150 850 150 50 50	SF LF SF LS EA SF LF LF SF EA LF SF LS SF LS SF LS SF SF	\$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$112 \$2 \$4 \$28 \$8 \$112 \$2 \$4 \$10 \$2 \$4 \$2 \$4 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$14,000 \$14,000 \$1,200 \$2,100 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$
12 13 Monument Boulevard/I 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr 1 2 3 4 5 6 6 6	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Ive & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk	4500 850 800 1 5 1300 200 300 255 130 2 400 75 4500 300 7000 300 75 2000 1000 3000 1 950 6 1600 2700 150 850 150 50 1000	SF LF SF LS EA SF LF LF SF EA LF SF S	\$10 \$1 \$10 \$250,000 \$7,500 \$8 \$335 \$330 \$28 \$8 \$112 \$2 \$4 \$10 \$2 \$4 \$28 \$8 \$35 \$110 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$2 \$4 \$28 \$8 \$35 \$30 \$11 \$10 \$2 \$4 \$2 \$4 \$2 \$35 \$30 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$1	\$45,000 \$528,100 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$330,000 \$14,000 \$1,200 \$2,100 \$16,000 \$31,000 \$15,000 \$148,900 \$1,100 \$1,200 \$2,700 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 Segment 4 - Marcia Dr 1 2 3 4 5 6 7 8 9 10 11 12 13	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Wee & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk Curb Ramp	850 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 3000 7 5 2000 1000 3000 1 950 6 1600 150 850 150 850 150 50 1000 3 3 3 3 3	SF LF SF LS EA SF LF LF SF EA LF SF	\$10 \$11 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$11 \$10 \$2 \$4 \$28 \$38 \$35 \$10 \$10 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$3 \$3 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$45,000 \$528,100 \$528,100 \$8,000 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$331,900 \$331,900 \$14,000 \$1,200 \$2,100 \$15,000 \$35,000 \$15,000 \$15,000 \$15,000 \$17,600 \$700 \$116,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000
12 13 Monument Boulevard/I 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr 1 2 3 4 5 6 6 7 8 9 10 11 12 13	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Ive & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk	850 800 1 5 1300 200 300 250 130 2 400 1 1 1 1 1 1 1 1 1	SF LF SF LS EA SF LF LF LF SF EA LF SF S	\$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$110 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$45,000 \$528,100 \$8,000 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$31,100 \$330,000 \$14,000 \$1,200 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr 1 1 2 3 4 5 6 7 8	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Bikeway Skip Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Ive & Lisa Lane Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk Curb Ramp Median Treatment	850 850 800 1 5 1300 200 300 250 130 2 400 75 4500 300 7000 3000 7 5 2000 1000 3000 1 950 6 1600 150 850 150 850 150 50 1000 3 3 3 3 3	SF LF SF LS EA SF LF LF SF EA LF SF	\$10 \$11 \$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$11 \$10 \$2 \$4 \$28 \$38 \$35 \$10 \$10 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$3 \$3 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$45,000 \$528,100 \$528,100 \$8,000 \$8,000 \$37,500 \$10,400 \$7,000 \$6,900 \$1,100 \$330,000 \$14,000 \$1,200 \$15,000 \$15,000 \$16,000 \$17,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1
12 13 Monument Boulevard/E 1 2 3 4 5 6 7 8 9 10 11 Segment 3 - Monumen 1 2 3 4 5 6 7 8 9 10 11 Segment 3- Monumen 1 2 3 4 5 6 7 8 9 10 11 12 13 Segment 4 - Marcia Dr 1 2 3 4 4 5 6 7	Roadway Pavement Remove Existing Pavement Delineation Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe t Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Wee & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk Curb Ramp	850 800 1 5 1300 200 300 250 130 2 400 1 1 1 1 1 1 1 1 1	SF LF SF LS EA SF LF LF LF SF EA LF SF S	\$10 \$10 \$250,000 \$7,500 \$8 \$35 \$330 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$110 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$8 \$35 \$10 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$45,000 \$528,100 \$8,000 \$250,000 \$37,500 \$10,400 \$7,000 \$1,100 \$330 \$331,900 \$1,100 \$3,800 \$3,800 \$1,100 \$1,200 \$1,200 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1

12	Roadway Pavement	9000	SF	\$10	\$90,000
					\$231,800
	Estimated Construction Cost Subtotal				\$3,543,200
	Contingencies (25% of Estimated Constru	ction Cost Subtotal)			\$886,000
	ESTIMATED CONSTRUCTION COST TO		\$5,137,200		
	Planning/Environmental (7% of Estimated		\$514,000		
	Design (15% of Estimated Construction Cost Total)				\$771,000
	Construction Administration (10% of Estim		\$514,000		
	ENGINEERING AND ADMINISTRATION TOTAL				\$1,799,000
	TOTAL ESTIMATED PROJECT	COST:			\$6,936,200

Monument Boulevard/I-680 Bike & Ped Study Alternative B

Project Location:

Monument Boulevard, City of Pleasant Hill, City of Concord

Contra Costa Blvd/Monument Blvd Intersection

- New trail crossing-type striped crosswalks
- Modified signal phasing to separate northbound right-turns from bicyclists and pedestrians in the east crosswalk
- Enlargment of the existing pork chop island in the northeast corner of the intersection

Monument Blvd/I-680 Ramp Interchange

- Additional signal head at the northbound on-ramp to allow for the phase associated with the westbound right-turn to overlap with the southbound left-turn phase
- New trail crossing-type striped crosswalks along south side of the corridor
- Optimization of pedestrian crossings phases/timings
- Landscaping improvements within the existing intersection islands

Monument Blvd/Buskirk Ave Intersection

- Reconstruction of the eastbound right-turn slip lane, in order to accommodate new class II facility
- Enlargment of the existing pork chop island in the southwest corner of the intersection
- New trail crossing-type crosswalk striping
- Lane drop reduces the westbound approach from three to two through-lanes for vehicles

Work Description:

- Reconstruction of the east leg median to accommodate lane drop

- Marcia Dr/Lisa Ln
 Protected corner design at the Monument Blvd/Marcia Dr intersection, along with trail crossing-type striping to connect the two proposed bicycle and pedestrian facilities along Monument Blvd and Lisa Ln
- New class IV bicycle facility along the south side of Lisa Ln, connecting the new facilities along Monument Blvd to the regional Iron Horse Trail

- Restriping along the entire corridor due to realignment and lane width reduction of several travel lanes
- Median reconstruction and landscape improvements
- New curb/gutter, sidewalk along the southern side of the corridor in order to incorporate a new buffered, separated class I mixed-use path
- Re-design of the existing bus stop on the south side of the corridor between the intersections of Contra Costa Blvd and I-680
- New westbound Class II buffered bike lane along the north side of the corridor beginning the Iron horse Trail connection near the Mohr Lane intersection, and ending at the westbound approach of the Buskirk Ave intersection

ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
General Construction					
1	Mobilization (Including Water Pollution Control Plan)	LS	1	\$375,000	\$375,000
2	Traffic Control & Construction Area Signs	LS	1	\$375,000	\$375,000
3	Miscellaneous Construction	LS	1	\$188,000	\$188,000
					\$938,000
Monument Boulevard/C	ontra Costa Boulevard Intersection				
1	Remove Existing Pavement Delineation	220	LF	\$1	\$300
2	Remove Existing Thermoplastic Pavement Marking	3750	SF	\$10	\$37,500
3	Remove Median	450	SF	\$10	\$4,500
4	Signal Modification	1	LS	\$75,000	\$75,000
5	Curb Ramp	9	EA	\$7,500	\$67,500
6	Median Treatment	1000	SF	\$8	\$8,000
7	Median Curb	200	LF	\$35	\$7,000
8	Drainage Improvements	1	LS	\$30,000	\$30,000
9	Crosswalk (Trail Crossing)	450	LF	\$30	\$13,500
10	Thermoplastic Traffic Stripe	220	LF	\$2	\$500
	·				\$243,500
Segment 1 - Contra Cos	sta Boulevard to I-680 SB Ramps				
1	Concrete Curb & Gutter (includes pervious surfaces)	350	LF	\$50	\$17,500
2	Remove Existing Pavement Delineation	2900	LF	\$1	\$2,900
3	Remove Existing Thermoplastic Pavement Marking	1075	SF	\$10	\$10,800
4	Thermoplastic Traffic Stripe	2800	LF	\$2	\$5,600
5	Thermoplastic Pavement Marking	1075	SF	\$4	\$4,300
6	Crosswalk (Trail Crossing)	50	LF	\$30	\$1,500
7	Sidewalk	3500	SF	\$30	\$105,000
8	Curb Ramp	7	EA	\$7,500	\$52,500
9	Landscaping	6750	SF	\$15	\$101,300
10	Median Treatment	5500	SF	\$8	\$44,000
11	Median Curb	900	LF	\$35	\$31,500
12	Remove Median	900	SF	\$10	\$9,000
13	Drainage Improvements	1	LS	\$50,000	\$50,000
					\$435,900
Monument Boulevard 8	I-680 Interchange Intersection				
1	Remove Existing Pavement Delineation	3500	LF	\$1	\$3,500
2	Signal Modification	1	LS	\$200,000	\$200,000
3	Curb Ramp	10	EA	\$7,500	\$75,000
4	Concrete Curb & Gutter (includes pervious surfaces)	400	LF	\$50	\$20,000
5	Sidewalk	4000	SF	\$30	\$120,000

ovements il Crossing) Traffic Stripe nue & Gutter (includes pervious surfaces)	13000 1 150 3100	SF LS LF LF	\$15 \$15,000 \$30 \$2	\$195,000 \$15,000 \$4,500
il Crossing) Traffic Stripe nue	150	LF	\$30	
Traffic Stripe				\$4,500
nue	3100	Li		\$6.20
			Ψ2	\$6,200 \$639,200
				Ψ033,200
	800	LF	\$50	\$40,000
ng Pavement Delineation	3400	LF	\$1	\$3,400
ng Thermoplastic Pavement Marking	700	SF	\$10	\$7,000
Traffic Stripe	4000	LF	\$2	\$8,000
Pavement Marking	650	SF	\$4	\$2,600
Š .				\$153,800
ent				\$56,000
				\$43,800
n	7000			\$70,000
vements	1			\$100,000
	7000	SF		\$210,000
			,	\$694,600
ection				
g Pavement Delineation	600	LF	\$1	\$600
n	800	SF		\$8,000
tion	1			\$150,000
	7	EA		\$52,500
ent	1500	SF		\$12,000
	200	LF	\$35	\$7,000
l Crossing)	200	LF	\$30	\$6,000
& Gutter (includes pervious surfaces)	175	LF	\$50	\$8,800
Fraffic Stripe	400	LF	\$2	\$800
				\$245,700
uskirk Avenue			THE REPORT OF THE PARTY OF THE	
& Gutter (includes pervious surfaces)	1500	LF	\$50	\$75,000
g Pavement Delineation	5250	LF	\$1	\$5,300
g Thermoplastic Pavement Marking	400	SF	\$10	\$4,000
	5000	LF	\$2	\$10,000
Pavement Marking	400	SF	\$4	\$1,600
	15600	SF	\$30	\$468,000
ent	3850		\$8	\$30,800
	45.000,000,000		\$35	\$35,000
	3000		\$10	\$30,000
vements	1			\$15,000
	10750	SF	\$15	\$161,300
				\$836,000
	695,000,00,000			\$2,700
				\$1,500
				\$1,700
				\$600
(Crossing)				\$4,500
0.4 (1-1				\$22,500
x Gutter (includes pervious surfaces)				\$47,500
	mara ranan		0.21000	\$285,000
romente		SF	\$15	\$57,000
				\$15,000
Helit	22000	SF	\$10	\$220,000
				\$658,000
				\$4,691,200
25% of Estimated Construction Cost Sul	ototal)			\$1,173,000
ONSTRUCTION COST TOTAL				\$6,802,200
nmental (7% of Estimated Construction	Cost Total)			\$681,000
				\$1,021,000
	ction Cost Total)			\$681,000
	and Cook (Ctal)			\$2,383,000
				\$2,303,000
	ent n povements ection ig Pavement Delineation intion ent iil Crossing) & Gutter (includes pervious surfaces) Traffic Stripe uskirk Avenue & Gutter (includes pervious surfaces) ig Pavement Delineation ig Thermoplastic Pavement Marking Traffic Stripe Pavement Marking ent n verments g Pavement Delineation g Thermoplastic Pavement Marking Traffic Stripe Pavement Marking I Crossing) & Gutter (includes pervious surfaces) wements struction Cost Subtotal 25% of Estimated Construction Cost Sut ONSTRUCTION COST TOTAL nmental (7% of Estimated Construction Estimated Construction Cost Total)	10250	10250 SF	ent

Monument Boulevard/I-680 Bike & Ped Study Alternative C

Project Location:

Monument Boulevard, City of Pleasant Hill, City of Concord

Contra Costa Blvd/Monument Blvd Intersection

- Protected intersection design that includes the following improvements:
- Protected bike facilities on the north and south approaches of the intersection
- A lane drop and new eastbound buffered bike lane in the east approach of the intersection
- Leading bicycle and pedestrian intervals
- Enlargment of the existing pork chop island in the northeast corner of the intersection

Monument Blvd/I-680 Ramp Interchange

- Additional signal head at the northbound on-ramp to allow for the phase associated with the westbound right-turn to overlap with the southbound left-turn phase
- Re-striping of Hi-vis crosswalks
- Optimization of pedestrian crossings phases/timings
- Additional bicycle signals installed as part of the new clasv IV bicycle facility to break up long crossings within the intersection
- Full closure of the existing eastbound ramp entrance to I-680 South
- Landscaping improvements within the existing intersection islands

Monument Blvd/Buskirk Ave Intersection

- Reconstruction of the eastbound right-turn slip lane, in order to accommodate new class IV facility
- Enlargment of the existing pork chop island in the southwest corner of the intersection
- Separation of the bicycle and pedestrian crossings across the southern leg of the intersection, including the striping of a new
- New Hi-vis crosswalk striping

Work Description:

- New two-stage left turn box for to enable westbound cyclists access to the new class IV facility along the south side of the
- Lane drop reduces the westbound approach from three to two through-lanes for vehicles
- Reconstruction of the east leg median to accommodate lane drop

Marcia Dr/Liea Ln

- Protected corner design at the Monument Blvd/Marcia Dr intersection, along with Hi-vis crossings to connect the two proposed class IV facilities along Monument Blvd and Lisa Ln
- New class IV bicycle facility along the south side of Lisa Ln, connecting the new facilities along Monument Blvd to the regional Iron Horse Trail

- Restriping along the entire corridor due to realignment and lane width reduction of several travel lanes
- Median reconstruction and landscape improvements
- New two-way protected cycle track along the south side of the corridor
- Re-design of the existing bus stop on the south side of the corridor between the intersections of Contra Costa Blvd and I-680
- New westbound Class II buffered bike lane along the north side of the corridor beginning the Iron horse Trail connection near the Mohr Lane intersection, and ending at the westbound approach of the Buskirk Ave intersection

ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
General Construction					
1	Mobilization (Including Water Pollution Control Plan)	LS	1	\$287,000	\$287,000
2	Traffic Control & Construction Area Signs	LS	1	\$287,000	\$287,000
3	Miscellaneous Construction	LS	1	\$144,000	\$144,000
					\$718,000
Monument Boulevard/C	ontra Costa Boulevard Intersection				
1	Remove Existing Pavement Delineation	400	LF	\$1	\$400
2	Remove Existing Thermoplastic Pavement Marking	3900	SF	\$10	\$39,000
3	Remove Median	450	SF	\$10	\$4,500
4	Signal Modification	1	LS	\$200,000	\$200,000
5	Curb Ramp	13	EA	\$7,500	\$97,500
6	Median Treatment	3500	SF	\$8	\$28,000
7	Median Curb	1000	LF	\$35	\$35,000
8	Drainage Improvements	1	LS	\$30,000	\$30,000
9	Crosswalk (Hi-vis)	410	LF	\$30	\$12,300
10	Bikeway Skip Stripe	320	LF	\$28	\$8,800
11	Green Class IV Striping	1100	SF	\$8	\$8,800
12	Mixed-Use Pavement Marking	11	EA	\$112	\$1,300
13	Thermoplastic Traffic Stripe	1450	LF	\$2	\$2,900
14	Thermoplastic Pavement Marking	140	SF	\$4	\$600
					\$468,700
Segment 1 - Contra Cos	sta Boulevard to I-680 SB Ramps				
1	Concrete Curb & Gutter (includes pervious surfaces)	300	LF	\$50	\$15,000
2	Remove Existing Pavement Delineation	2600	LF	\$1	\$2,600
3	Remove Existing Thermoplastic Pavement Marking	1075	SF	\$10	\$10,800
4	Thermoplastic Traffic Stripe	2600	LF	\$2	\$5,200
5	Thermoplastic Pavement Marking	1075	SF	\$4	\$4,300
6	Bikeway Skip Stripe	20	LF	\$28	\$600
7	Sidewalk	750	SF	\$30	\$22,500
8	Curb Ramp	5	EA	\$7,500	\$37,500

9	Landscaping	9500	SF	\$15	\$142,500
10	Median Treatment	6000	SF	\$8	\$48,000
11	Median Curb	1400	LF	\$35	\$49,000
12	Remove Median	1400	SF	\$10	\$14,000
13	Drainage Improvements	1	LS	\$50,000	\$50,000
14	Green Class IV Striping	1285	SF	\$8	\$10,300
15	Mixed-Use Pavement Marking	6	EA	\$112	\$700
16	Roadway Pavement	4000	SF	\$10	\$40,000
		1000	- 01	Ψισ	\$453,000
Monument Boulevard &	I-680 Interchange Intersection				\$455,000
1	Remove Existing Pavement Delineation	3500	LF	T 041	00 500
2	Signal Modification	200000000000000000000000000000000000000	LS	\$1	\$3,500
3	Curb Ramp	1		\$250,000	\$250,000
4	Median Treatment	2	EA	\$7,500	\$15,000
		450	SF	\$8	\$3,600
5	Median Curb	400	LF	\$35	\$14,000
6	Sidewalk	750	SF	\$30	\$22,500
7	Landscaping	19050	SF	\$15	\$285,800
8	Drainage Improvements	1	LS	\$15,000	\$15,000
9	Crosswalk (Hi-vis)	250	LF	\$30	\$7,500
10	Bikeway Skip Stripe	200	LF	\$28	\$5,500
11	Green Class IV Striping	385	SF	\$8	\$3,100
12	Mixed-Use Pavement Marking	6	EA	\$112	\$700
13	Thermoplastic Traffic Stripe	3100	LF	\$2	\$6,200
14	Roadway Pavement	4000	SF	\$10	\$40,000
KANNON TONING TO				Ψ,5	\$672,400
Seament 2 - I-680 NR R	amps to Buskirk Avenue			Egypt appropriate production	ψ012, 4 00
1	Concrete Curb & Gutter (includes pervious surfaces)	300	LF	T 050	015.055
2	Remove Existing Pavement Delineation	4000	1,000	\$50	\$15,000
3			LF	\$1	\$4,000
4	Remove Existing Thermoplastic Pavement Marking	700	SF	\$10	\$7,000
5	Thermoplastic Traffic Stripe	3900	LF	\$2	\$7,800
	Thermoplastic Pavement Marking	650	SF	\$4	\$2,600
6	Landscaping	7500	SF	\$15	\$112,500
7	Median Treatment	9000	SF	\$8	\$72,000
8	Median Curb	2400	LF	\$35	\$84,000
9	Remove Median	7500	SF	\$10	\$75,000
10	Drainage Improvements	1	LS	\$100,000	\$100,000
11	Green Class IV Striping	1000	SF	\$8	\$8,000
12	Mixed-Use Pavement Marking	4	EA	\$112	\$500
13	Roadway Pavement	4500	SF	\$10	\$45,000
				**************************************	\$533,400
Monument Boulevard/B	uskirk Avenue Intersection				
1	Remove Existing Pavement Delineation	850	LF	\$1	\$900
1	Remove Existing Pavement Delineation Remove Median		LF SF	\$1 \$10	\$900 \$8,000
1 2	Remove Median	800	SF	\$10	\$8,000
1 2 3	Remove Median Signal Modification	800 1	SF LS	\$10 \$250,000	\$8,000 \$250,000
1 2 3 4	Remove Median Signal Modification Curb Ramp	800 1 5	SF LS EA	\$10 \$250,000 \$7,500	\$8,000 \$250,000 \$37,500
1 2 3 4 5	Remove Median Signal Modification Curb Ramp Median Treatment	800 1 5 1200	SF LS EA SF	\$10 \$250,000 \$7,500 \$8	\$8,000 \$250,000 \$37,500 \$9,600
1 2 3 4 5	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb	800 1 5 1200 200	SF LS EA SF LF	\$10 \$250,000 \$7,500 \$8 \$35	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000
1 2 3 4 5 6 7	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis)	800 1 5 1200 200 300	SF LS EA SF LF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000
1 2 3 4 5 6 7 8	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe	800 1 5 1200 200 300 250	SF LS EA SF LF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900
1 2 3 4 5 6 7 8	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping	800 1 5 1200 200 300 250 130	SF LS EA SF LF LF LF SF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100
1 2 3 4 5 6 7 8 9	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking	800 1 5 1200 200 300 250 130 2	SF LS EA SF LF LF LF SF EA	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300
1 2 3 4 5 6 7 8	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping	800 1 5 1200 200 300 250 130	SF LS EA SF LF LF LF SF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$800
1 2 3 4 5 6 7 8 9 10	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe	800 1 5 1200 200 300 250 130 2	SF LS EA SF LF LF LF SF EA	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300
1 2 3 4 4 5 6 7 8 9 10 11 Segment 3 - Monument	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue	800 1 5 1200 200 300 250 130 2 400	SF LS EA SF LF LF SF EA LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$800 \$331,100
1 2 3 4 4 5 5 6 7 8 9 10 11 Segment 3 - Monument 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces)	800 1 5 1200 200 300 250 130 2 400	SF LS EA SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$800
1 2 3 4 4 5 5 6 6 7 8 9 10 11 1 Segment 3 - Monument 1 2	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation	800 1 5 1200 200 300 250 130 2 400	SF LS EA SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$800 \$331,100
1 2 3 4 4 5 5 6 6 7 8 9 10 11 Segment 3 - Monument 1 2 3	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking	800 1 5 1200 200 300 250 130 2 400 75 5250 400	SF LS EA SF LF LF LF LF LF LF LF SF EA LF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$800 \$331,100
1 2 3 4 4 5 6 6 7 8 8 9 10 11 Segment 3 - Monument 1 2 3 4	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe	800 1 5 1200 200 300 250 130 2 400	SF LS EA SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$3,800 \$5,300
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 1 Segment 3 - Monument 1 2 3 3 4 5 5	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400	SF LS EA SF LF LF LF LF LF LF LF SF EA LF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$2	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$6,900 \$1,100 \$300 \$800 \$331,100 \$3,800 \$5,300 \$4,000
1 2 3 4 4 5 6 6 7 8 8 9 10 11 Segment 3 - Monument 1 2 3 4 4 5 6 6	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500	SF LS EA SF LF LF LF LF LF SF EA LF LF LF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$6,900 \$1,100 \$300 \$800 \$331,100 \$3,800 \$5,300 \$4,000
1 2 3 4 4 5 5 6 6 7 8 8 9 10 11 Segment 3 - Monument 1 2 3 3 4 5 5	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400	SF LS EA SF LF LF SF EA LF SF EA LF SF SF SF SF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$3,800 \$5,300 \$4,000 \$1,600 \$1,600 \$2,100
1 2 3 4 4 5 6 6 7 8 8 9 10 11 Segment 3 - Monument 1 2 3 4 4 5 6 6	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75	SF LS EA SF LF LF LF LF LF SF EA LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$6,900 \$1,100 \$300 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100
1 2 3 4 4 5 6 7 8 9 10 11 1 Segment 3 - Monument 1 2 3 4 4 5 6 6 7	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500	SF LS EA SF LF LF LF LF SF EA LF LF LF SF LF SF LF SF LF SF LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$35 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$11,100 \$300 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000
1 2 3 4 4 5 6 6 7 8 8 9 10 11 1 2 3 4 4 5 5 6 6 7 6 6 7 6 6 7 7 8 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400	SF LS EA SF LF LF LF LF SF EA LF LF SF	\$10 \$250,000 \$7,500 \$8 \$35 \$35 \$28 \$8 \$112 \$2 \$110 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$28 \$11 \$10 \$2 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$8800 \$331,100 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000 \$49,000
1 2 3 4 4 5 6 6 7 8 8 9 10 11 2 2 3 4 4 5 6 6 7 7 8 8 9 9 10 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1	SF LS EA SF LF LF LF LF SF EA LF LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$10 \$28 \$10 \$21 \$21 \$21 \$21 \$22 \$21 \$22 \$21 \$21 \$22 \$21 \$22 \$22	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$2,100 \$36,000 \$49,000 \$30,000 \$30,000
1 2 3 4 4 5 6 6 7 8 8 9 10 6 7 8 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1	SF LS EA SF LF LF LF LF LF SF EA LF LF LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$28 \$35 \$10 \$28 \$35 \$10 \$20 \$35 \$4 \$35 \$35 \$30 \$30 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$4	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$330 \$331,100 \$3,800 \$5,300 \$4,000 \$1,600 \$2,100 \$36,000 \$49,000 \$30,000 \$15,000
1 2 3 4 4 5 6 6 7 8 8 9 10 10 11 12	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6	SF LS EA SF LF LF LF LF LF SF EA LF LF LF SF LF LF SF LF LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$22 \$4 \$28 \$8 \$35 \$10 \$21 \$28 \$4 \$28 \$35 \$35 \$30 \$28 \$30 \$28 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000 \$49,000 \$30,000 \$15,000 \$7,600
1 2 3 4 4 5 6 6 7 8 8 9 10 6 7 8 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1	SF LS EA SF LF LF LF LF LF SF EA LF LF LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$28 \$31 \$10 \$28 \$4 \$28 \$35 \$35 \$30 \$30 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$40 \$4	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$2,100 \$36,000 \$49,000 \$35,000 \$49,000 \$37,600 \$7,600 \$7,600
1 2 3 4 4 5 6 7 8 8 9 10 11 2 2 3 4 4 5 6 6 7 7 8 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6	SF LS EA SF LF LF LF LF LF SF EA LF LF LF SF LF LF SF LF LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$22 \$4 \$28 \$8 \$35 \$10 \$21 \$28 \$4 \$28 \$35 \$35 \$30 \$28 \$30 \$28 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30 \$30	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000 \$49,000 \$30,000 \$15,000 \$7,600
1 2 3 4 4 5 6 7 8 9 10 11 2 3 3 4 4 5 5 6 6 7 7 8 9 10 11 1 2 1 13 1 2 13 1 3 1 5 5 6 6 7 7 8 9 10 11 1 12 13 13 15 5 6 6 17 11 1 12 13 13 15 5 6 6 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6 1600	SF LS EA SF LF LF LF LF SF EA LF SF LF SF LF SF LF SF LF SF	\$10 \$250,000 \$7,500 \$8 \$35 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$10 \$10 \$2 \$4 \$10 \$2 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$331,100 \$331,100 \$331,100 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$16,000 \$7,600 \$7,600 \$16,000
1 2 3 4 4 5 6 7 8 8 9 10 11 2 2 3 4 4 5 6 6 7 7 8 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Be & Lisa Lane Remove Existing Pavement Delineation	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 7500 400 3000 1 950 6 1600	SF LS EA SF LF LF LF LF SF EA LF LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$35 \$30 \$28 \$8 \$112 \$2 \$112 \$2 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$21 \$2 \$4 \$28 \$8 \$110 \$2 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$11,100 \$300 \$8800 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000 \$49,000 \$30,000 \$15,000 \$7,600 \$7,600 \$7,600 \$16,000 \$186,100
1 2 3 4 4 5 6 6 7 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement e & Lisa Lane Remove Existing Pavement Delineation Remove Existing Pavement Delineation Remove Existing Pavement Delineation	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6 1600	SF LS EA SF LF LF LF LF LF SF EA LF LF SF LS	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$22 \$4 \$28 \$8 \$35 \$110 \$21 \$21 \$21 \$21 \$21 \$21 \$21 \$21 \$21 \$21	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$2,100 \$36,000 \$49,000 \$15,000 \$15,000 \$15,000 \$16,000 \$16,000 \$16,000 \$16,000 \$16,000 \$16,000 \$16,000 \$16,000 \$15,100
1 2 3 4 4 5 6 6 7 10 11 12 13 13 12 13 15 12 13 15 12 13 15 15 12 13 15 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement e & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6 1600	SF LS EA SF LF LF LF LF SF EA LF LF SF LF LF LF SF LF LF LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$22 \$4 \$28 \$8 \$35 \$10 \$10 \$21 \$21 \$21 \$21 \$21 \$21 \$21 \$21 \$21 \$21	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$800 \$331,100 \$33800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000 \$49,000 \$15,000 \$16,000 \$15,000 \$7,000 \$7,000 \$16,000 \$186,100 \$15,000 \$15,000 \$15,000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000
1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 13 Segment 4 - Marcia Driv 1 2 3 4 4 1 5 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Be & Lisa Lane Remove Existing Pavement Delineation Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6 1600	SF LS EA SF LF LF LF LF LF SF EA LF LF SF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$21 \$4 \$28 \$8 \$112 \$2 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$800 \$331,100 \$3800 \$331,100 \$3,800 \$15,000 \$1,600 \$2,100 \$36,000 \$4,000 \$15,000 \$16,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$11,700
1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement e & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6 1600 2700 150 850 150 50	SF LS EA SF LF LF LF LF SF EA LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$10 \$15,000 \$15,000 \$11 \$10 \$15,000 \$11 \$10 \$10 \$11 \$10 \$10 \$11 \$10 \$10	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$331,100 \$331,100 \$331,100 \$331,100 \$331,100 \$331,100 \$315,000 \$15,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000 \$315,000
1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Remove Existing Pavement Delineation Remove Existing Pavement Delineation Remove Existing Pavement Delineation Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Sidewalk	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 755 4500 1400 3000 1 950 6 1600 2700 150 850 150 50 1000	SF LS EA SF LF LF LF LF SF EA LF SF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$112 \$2 \$10 \$10 \$10 \$10 \$11 \$10 \$10 \$11 \$10 \$10	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$800 \$331,100 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000 \$49,000 \$31,000 \$15,000 \$7,600 \$7,600 \$7,600 \$1,500 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000 \$1,5000
1 2 3 4 4 5 6 7 7 8 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Remove Existing Pavement Delineation Remove Existing Pavement Delineation Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk Curb Ramp	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6 1600 2700 150 850 150 850 150 3	SF LS EA SF LF LF LF LF LF SF EA LF LF SF LS SF EA	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$2 \$4 \$28 \$8 \$35 \$110 \$10 \$10 \$10 \$110 \$110 \$110 \$110 \$	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$331,100 \$331,100 \$331,100 \$34,000 \$15,000 \$1,600 \$2,100 \$36,000 \$49,000 \$31,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000
1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 13 14 15 15 15 16 17 18 15 15 16 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement e & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk Curb Ramp Median Treatment	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 755 4500 1400 3000 1 950 6 1600 2700 150 850 150 50 1000	SF LS EA SF LF LF LF LF SF EA LF SF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$22 \$4 \$28 \$8 \$35 \$10 \$10 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$10 \$10 \$10 \$11 \$10 \$10 \$10 \$10 \$10	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,600 \$1,000 \$6,900 \$1,100 \$3300 \$331,100 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000
1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 13 15 12 13 15 6 6 7 7 8 8 9 10 10 11 12 13 13 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Be & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk Curb Ramp Median Treatment Median Curb	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6 1600 2700 150 850 150 850 150 3	SF LS EA SF LF LF LF LF LF SF EA LF LF SF LS SF EA	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$22 \$4 \$28 \$8 \$35 \$10 \$10 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$10 \$10 \$10 \$11 \$10 \$10 \$10 \$10 \$10	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,600 \$1,000 \$6,900 \$1,100 \$3300 \$331,100 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000 \$15,000 \$16,000 \$15,000 \$15,000 \$15,000 \$17,600 \$700 \$16,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000
1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 13 14 15 12 13 15 16 16 17 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement e & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk Curb Ramp Median Treatment	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6 1600 2700 150 850 150 50 1000 3 1900	SF LS EA SF LF LF LF LF LF SF EA LF LF SF LS SF LS SF EA SF LS SF EA SF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$1 \$10 \$2 \$4 \$28 \$8 \$35 \$110 \$10 \$10 \$10 \$110 \$110 \$110 \$110 \$	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$330 \$800 \$331,100 \$3,800 \$5,300 \$4,000 \$15,000 \$1,600 \$2,100 \$36,000 \$15,000 \$16,000 \$115,000 \$1,700 \$16,000 \$1,400 \$1,400 \$22,000 \$1,400 \$22,000 \$1,400 \$22,000 \$1,400 \$22,000 \$1,400 \$22,000 \$1,400 \$22,000 \$1,400 \$22,000 \$1,400 \$22,000 \$1,400
1 2 3 4 4 5 6 6 7 7 8 9 10 11 12 13 13 Segment 4 - Marcia Driv 1 2 3 3 4 5 6 6 7 7 8 9 9 10 10 11 12 13 13 15 10 10 11 12 13 15 10 10 11 10 10 10 10 10 10 10 10 10 10	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement Be & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk Curb Ramp Median Treatment Median Curb	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 950 6 1600 2700 150 850 1000 3 1900 1750	SF LS EA SF LF LF LF LF LF SF EA LF LF SF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$331,100 \$331,100 \$331,100 \$34,000 \$15,000 \$1,600 \$2,100 \$36,000 \$49,000 \$31,600 \$2,100 \$36,000 \$49,000 \$31,000 \$15,000 \$15,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,0
1 2 3 3 4 4 5 5 6 6 7 7 8 8 9 10 10 11 1 12 13 13 15 12 13 15 6 6 7 7 8 8 9 10 10 11 1 12 13 13 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Remove Median Signal Modification Curb Ramp Median Treatment Median Curb Crosswalk (Hi-vis) Bikeway Skip Stripe Green Class IV Striping Mixed-Use Pavement Marking Thermoplastic Traffic Stripe Boulevard, East of Buskirk Avenue Concrete Curb & Gutter (includes pervious surfaces) Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Median Treatment Median Curb Remove Median Drainage Improvements Green Class IV Striping Mixed-Use Pavement Marking Roadway Pavement e & Lisa Lane Remove Existing Pavement Delineation Remove Existing Thermoplastic Pavement Marking Thermoplastic Traffic Stripe Thermoplastic Traffic Stripe Thermoplastic Pavement Marking Bikeway Skip Stripe Sidewalk Curb Ramp Median Treatment Median Curb Green Class IV Striping	800 1 5 1200 200 300 250 130 2 400 75 5250 400 7500 400 75 4500 1400 3000 1 1 950 6 1600 2700 150 850 1000 3 1900 1750 550	SF LS EA SF LF LF LF LF LF SF EA LF LF SF LF LF LF SF LF	\$10 \$250,000 \$7,500 \$8 \$35 \$30 \$28 \$8 \$112 \$2 \$50 \$11 \$10 \$2 \$4 \$28 \$8 \$35 \$10 \$15,000 \$15,000 \$15,000 \$11 \$10 \$11 \$10 \$11 \$10 \$11 \$10 \$11 \$10 \$11 \$10 \$11 \$10 \$11 \$10 \$11 \$11	\$8,000 \$250,000 \$37,500 \$9,600 \$7,000 \$9,000 \$6,900 \$1,100 \$300 \$331,100 \$331,100 \$331,100 \$3,800 \$1,100 \$1,000 \$1,000 \$1,600 \$2,100 \$36,000 \$15,000 \$16,000 \$15,000 \$1,700 \$16,000 \$1,100 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000 \$1,1000

TOTAL ESTIMATED PROJECT COST:	\$7,028,900
ENGINEERING AND ADMINISTRATION TOTAL	\$1,823,000
Construction Administration (10% of Estimated Construction Cost Total)	\$521,000
Design (15% of Estimated Construction Cost Total)	\$781,000
Planning/Environmental (7% of Estimated Construction Cost Total)	\$521,000
ESTIMATED CONSTRUCTION COST TOTAL	\$5,205,900
Contingencies (25% of Estimated Construction Cost Subtotal)	\$898,000
Estimated Construction Cost Subtotal	\$3,589,900
	\$226,800

Monument Boulevard/I-680 Bike & Ped Study Preferred Alternative

Project Location:

Monument Boulevard, City of Pleasant Hill, City of Concord

Contra Costa Blvd/Monument Blvd Intersection

- New trail crossing-type striped crosswalks
- Modified signal phasing to separate northbound right-turns from bicyclists and pedestrians in the east crosswalk
- Enlargment of the existing pork chop island in the northeast corner of the intersection

Monument Blvd/I-680 Ramp Interchange

- Additional signal head at the northbound on-ramp to allow for the phase associated with the westbound right-turn to overlap with the southbound left-turn phase
- New trail crossing-type striped crosswalks along south side of the corridor
- Optimization of pedestrian crossings phases/timings
- Landscaping improvements within the existing intersection islands

Monument Blvd/Buskirk Ave Intersection

- Reconstruction of the eastbound right-turn slip lane, in order to accommodate new class II facility
- Enlargment of the existing pork chop island in the southwest corner of the intersection
- New trail crossing-type crosswalk striping
- Lane drop reduces the westbound approach from three to two through-lanes for vehicles

Work Description:

- Reconstruction of the east leg median to accommodate lane drop Marcia Dr/Lisa Ln

- Protected corner design at the Monument Blvd/Marcia Dr intersection, along with trail crossing-type striping to connect the two proposed bicycle and pedestrian facilities along Monument Blvd and Lisa Ln
- New class IV bicycle facility along the south side of Lisa Ln, connecting the new facilities along Monument Blvd to the regional Iron Horse Trail

- Restriping along the entire corridor due to realignment and lane width reduction of several travel lanes
- Median reconstruction and landscape improvements
- New curb/gutter, sidewalk along the southern side of the corridor in order to incorporate a new buffered, separated class I mixed-use path
- Re-design of the existing bus stop on the south side of the corridor between the intersections of Contra Costa Blvd and I-680
- New westbound Class II buffered bike lane along the north side of the corridor beginning the Iron horse Trail connection near the Mohr Lane intersection, and ending at the westbound approach of the Buskirk Ave intersection

ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
General Construction					
1	Mobilization (Including Water Pollution Control Plan)	LS	1	\$403,000	\$403,000
2	Traffic Control & Construction Area Signs	LS	1	\$403,000	\$403,000
3	Miscellaneous Construction	LS	1	\$201,000	\$201,000
				7,200	\$1,007,000
Monument Boulevard/Co	ontra Costa Boulevard Intersection		E. S. Constitution of		
1	Remove Existing Pavement Delineation	220	LF	\$1	\$300
2	Remove Existing Thermoplastic Pavement Marking	3750	SF	\$10	\$37,500
3	Remove Median	450	SF	\$10	\$4,500
4	Signal Modification	1	LS	\$150,000	\$150,000
5	Curb Ramp	9	EA	\$7,500	\$67,500
6	Median Treatment	1000	SF	\$8	\$8,000
7	Median Curb	200	LF	\$35	\$7,000
8	Drainage Improvements	1	LS	\$30,000	\$30,000
9	Crosswalk (Trail Crossing)	450	LF	\$30	\$13,500
10	Thermoplastic Traffic Stripe	220	LF	\$2	\$500
					\$318,500
Segment 1 - Contra Cost	a Boulevard to I-680 SB Ramps				
1	Concrete Curb & Gutter (includes pervious surfaces)	450	LF	\$50	\$22,500
2	Remove Existing Pavement Delineation	2900	LF	\$1	\$2,900
3	Remove Existing Thermoplastic Pavement Marking	1075	SF	\$10	\$10,800
4	Thermoplastic Traffic Stripe	2800	LF	\$2	\$5,600
5	Thermoplastic Pavement Marking	1075	SF	\$4	\$4,300
6	Crosswalk (Trail Crossing)	0	LF	\$30	\$0
7	Sidewalk	3700	SF	\$30	\$111,000
8	Curb Ramp	6	EA	\$7,500	\$45,000
9	Landscaping	10000	SF	\$15	\$150,000
10	Median Treatment	5500	SF	\$8	\$44,000
11	Median Curb	900	LF	\$35	\$31,500
12	Remove Median	900	SF	\$10	\$9,000
13	Drainage Improvements	1	LS	\$50,000	\$50,000
					\$486,600
Monument Boulevard & I	I-680 Interchange Intersection				
1	Remove Existing Pavement Delineation	3500	LF	\$1	\$3,500
2	Signal Modification	1	LS	\$200,000	\$200,000
3	Curb Ramp	9	EA	\$7,500	\$67,500
4	Concrete Curb & Gutter (includes pervious surfaces)	400	LF	\$50	\$20,000
5	Sidewalk	4000	SF	\$30	\$120,000

6	Landscaping	13000	SF	\$15	\$195,000
7	Drainage Improvements	1	LS	\$15,000	\$15,000
8	Crosswalk (Trail Crossing)	150	LF	\$30	\$4,50
9	Thermoplastic Traffic Stripe	3100	LF	\$2	\$6,20
<u> </u>	Thermoplable Trains Strips				\$631,70
gment 2 - I-680 NB Ramp	s to Buskirk Avenue				
1	Concrete Curb & Gutter (includes pervious surfaces)	800	LF	\$50	\$40,00
2	Remove Existing Pavement Delineation	3400	LF	\$1	\$3,40
3	Remove Existing Thermoplastic Pavement Marking	700	SF	\$10	\$7,00
4	Thermoplastic Traffic Stripe	4000	LF	\$2	\$8,00
5	Thermoplastic Pavement Marking	650	SF	\$4	\$2,60
6	Landscaping	10250	SF	\$15	\$153,80
7	Median Treatment	7000	SF	\$8	\$56,00
8	Median Curb	1250	LF.	\$35	\$43,80 \$70.00
9	Remove Median	7000	SF	\$10	\$100,00
10	Drainage Improvements	1	LS	\$100,000	
11	Sidewalk	7000	SF	\$30	\$210,00 \$694,60
Devilored/Brok	interpretation				φου-1,σο
onument Boulevard/Busl	Remove Existing Pavement Delineation	600	LF	\$1	\$600
1 2	Remove Median	800	SF	\$10	\$8,00
3	Signal Modification	1	LS	\$150,000	\$150,00
4	Curb Ramp	7	EA	\$7,500	\$52,50
5	Median Treatment	1500	SF	\$8	\$12,00
6	Median Curb	200	LF	\$35	\$7,00
7	Crosswalk (Trail Crossing)	200	LF	\$30	\$6,00
8	Concrete Curb & Gutter (includes pervious surfaces)	175	LF	\$50	\$8,80
9	Thermoplastic Traffic Stripe	400	LF	\$2	\$80
•					\$245,70
egment 3 - Monument Bo	ulevard, East of Buskirk Avenue				
1	Concrete Curb & Gutter (includes pervious surfaces)	1500	LF	\$50	\$75,00
2	Remove Existing Pavement Delineation	5250	LF	\$1	\$5,30
3	Remove Existing Thermoplastic Pavement Marking	400	SF	\$10	\$4,00
4	Thermoplastic Traffic Stripe	5000	LF	\$2	\$10,00
5	Thermoplastic Pavement Marking	400	SF	\$4	\$1,60
6	Sidewalk	15600	SF	\$30	\$468,00
7	Median Treatment	3850	SF	\$8	\$30,80
8	Median Curb	1000	LF	\$35	\$35,00 \$30,00
9	Remove Median	3000	SF	\$10	\$25,00
10	Drainage Improvements	1	LS	\$25,000 \$15	\$161,30
11	Landscaping	10750	SF	\$15	\$846,00
egment 4 - Marcia Drive &	Lies I and				
1	Remove Existing Pavement Delineation	2700	LF	\$1	\$2,70
2	Remove Existing Thermoplastic Pavement Marking	150	SF	\$10	\$1,50
3	Thermoplastic Traffic Stripe	850	LF	\$2	\$1,70
4	Thermoplastic Pavement Marking	150	SF	\$4	\$60
5	Crosswalk (Trail Crossing)	150	LF	\$30	\$4,50
6	Curb Ramp	3	EA	\$7,500	\$22,50
7	Concrete Curb & Gutter (includes pervious surfaces)	950	LF	\$50	\$47,50
8	Sidewalk	9500	SF	\$30	\$285,00
9	Landscaping	3800	SF	\$15	\$57,00
10	Drainage Improvements	1	LS	\$50,000	\$50,00
11	Roadway Pavement	22000	SF	\$15	\$330,00
					\$803,00
	Estimated Construction Cost Subtotal				\$5,033,40
	Contingencies (25% of Estimated Construction Cost Su	ibtotal)			\$1,259,0
	ESTIMATED CONSTRUCTION COST TOTAL				\$7,299,4
	Planning/Environmental (7% of Estimated Construction	Cost Total)			\$730,0
	Design (15% of Estimated Construction Cost Total)				\$1,095,00
	Construction Administration (10% of Estimated Constru	ction Cost Total)		\$730,0
	ENGINEERING AND ADMINISTRATION TOTAL				\$2,555,0
					\$9,854,4

Appendix 3

Comments Received from Online Engagement

An online web tool was available for attendees of the walking audit to document their comments, take photos, and note destinations where they either currently or wanted to bike and walk. The map was also available for the broader public to participate. A full list of comments received via the online tool is shown in the table on the following page.

	Στ
l bike here	The curb cuts along the sidewalk on the north side of Monument Boulevard as it is in the I-680 interchange need attention. Each curb cut should be as wide as the crosswalk. (Each crosswalk should be zebra striped.) The asphalt has a bad habit of "rol
l bike here	Once the bicyclist gets to Contra Costa Boulevard or Mohr Lane, he or she needs bicycle facilities to continue to the north or south, east or west. Just ending the lanes or wide sidewalk at the edge of the study area does not help with continuity for th
l bike here	A concrete K-rail should be installed along the sidewalk between the traffic lane and the sidewalk between the Walnut Creek Flood Channel and Contra Costa Boulevard. The sidewalk should/must be 10 feet wide clear. Remove any barricades in the sidewalk
l want to walk here	Extremely wide intersection feels dangerous to cross, add bulb outs and protected bike lane along CC Boulevard to shorten the crossing distance. There are three lanes of traffic on CC Boulevard and FIVE at the intersection; more than enough space to convert a thro
I walk here	Double right turn makes crossing unsafe
I walk here	Onramp traffic comes very fast, feels unsafe. Have to walk half way up the nb ramp to cross second leg
l bike here	No safe route from Pleasant Hill onto any of the three trails at this location.
I want to bike here	I want to bike everywhere in this area but I currently don't because I'm scared I'm going to die.
walk here	Narrow sidewalk is very close to fast moving traffic. Doesn't feel comfortable.
l walk here	Double right turn makes crossing unsafe
I walk here	Double right turn makes crossing unsafe
l bike here	We need a safe pathway to the Iron Horse Trail.
l walk here	Narrow sidewalk is very close to fast moving traffic. Doesn't feel comfortable.
l bike here	This intersection is awful to navigate for everyone. Needs to be protected for bikes THROUGH the intersection in both directions. There's no excuse not to provide a high quality facility when there are five lanes to use. You'd be connecting neighborhoods
l want to bike here	We need a protected bike lane here.
ı walk here	Onramp traffic comes very fast, feels unsafe. Have to walk half way up the nb ramp to cross second leg
l bike here	The crossing of the I-680 freeway on Monument Boulevard needs some improvement. I am OK with using a 10-foot wide sidewalk. A sidewalk needs to be on EACH side of the street. The sidewalk needs to be actually 10-feet wide. I need to stress that th
l drive here	This intersection is way too big and is unsafe to navigate. Obviously this needs to be studied but restricting the left turns from the offramps and onto the onramps might help reduce conflict points if you were to put in a bike lane. Remember, we need to
l want to bike here	Iron Horse Trail to Down town PH is not a ride I will do on the street. from the south much safer to go Coggins/Oak Park to EBMUD trail gets you to either Cleveland Rd. or W. Hookston Rd. Or W. Hookston Rd. or W. Hookston Rd.
l bike here	The traffic signals need to prioritize allowing pedestrians and bicyclists to cross the ramps of the freeway. Currently, once the button is pushed, it is a L-O-N-G time until the traffic signal allows the pedestrian or bicyclist to cross the street.

Comment

Type