



City of Austin Public Works
Safe Routes to School Infrastructure Report

Laurel Mountain Elementary

Audit Date: 11/13/2017

City Council District: 10

BACKGROUND: The City's Safe Routes to School Program is identifying projects to help children safely and easily walk and bike to school. In November 2016, Austin voters approved the 2016 Mobility Bond. The 2016 Mobility Bond includes \$27.5 million for Safe Routes to School improvements, to be equally divided between Austin's ten City Council districts. Between fall 2017 and summer 2019, Safe Routes to School conducted walk audits at 137 elementary and middle schools to learn about barriers students face while walking and biking to school. As a result, 4,654 recommendations to improve students' routes to school were identified, with a total estimated cost of \$825 million citywide.

This document shows recommendations for the school listed above. It includes a map and a table with:

- Pedestrian recommendations located within the school's attendance boundary and up to a half mile from this school.
- Bicycle recommendations located within the school's attendance boundary and up to two miles from this school.

Each recommended project has a unique ID number, which is used on both the maps and the table. This unique project ID combines the school group code (e.g., 1C) and the project number on the map (e.g., 001).

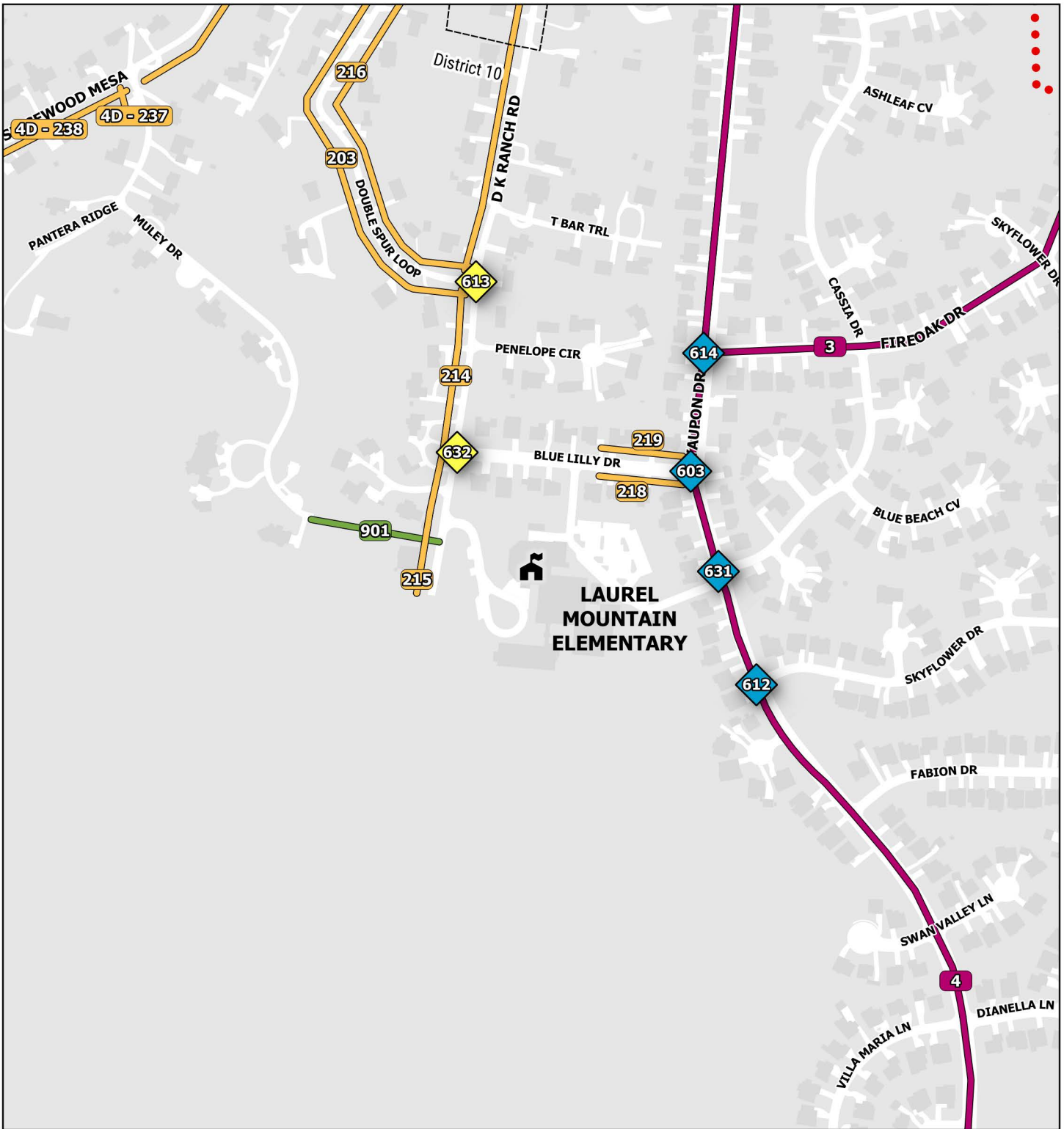
Ideas shown in this document are planning-level concepts. Many projects will require further study before potential construction. In some locations, different approaches to address the issue may be more feasible or cost effective. This document shows all identified recommendations; due to cost and feasibility, not all recommendations will be developed.

Go to AustinTexas.gov/SafeRoutes to see full recommendations for each Council District, and to learn more about this process.

For more information, please contact:

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CITY OF AUSTIN
austin
MOTION
2016 MOBILITY BOND

TOOLE
DESIGN



- Off-Street Trail
- Bike Lane / Buffered Bike Lane / Protected Bike Lane
- Sidepath
- Neighborhood Bikeway / Traffic Calming
- New / Improved Sidewalk
- Other linear recommendation
- Traffic Control / Intersection Reconfiguration
- Ramp / Curb Extension / Crosswalk
- Over / Underpass
- Other Spot Recommendation
- Existing Trail
- School Boundary
- Council District Boundary



Project ID	Project w/in 1/2 mi (ped) or 2 mi (bike) and attendance boundary of:	Location	Issue	Recommendation + = parking removal required ~ = private property acquisition required	Overall Benefit Category	Estimated Cost:Benefit Category
1A - 003	CANYON VISTA, LAUREL MOUNTAIN, KATHY CARAWAY	FIREOAK DR	No bike facility, Wide ROW	Add speed cushions - FIREOAK DR from YAUPON DR to SKYFLOWER DR, Protected Bike Lane - FIREOAK DR from CASSIA DR to SKYFLOWER DR, Buffered Bike Lane - FIREOAK DR from YAUPON DR to OAK KNOLL DR ~	1 - Very High	5 - Very Low
1A - 004	CANYON VISTA, LAUREL MOUNTAIN	YAUPON DR	No bike facility	Add speed cushions - YAUPON DR from BLUE LILLY DR to FIREOAK DR , Add protected bike lane - YAUPON DR from TEXAS PLUME RD to SPICEBRUSH DR , Lane diet (changing lane widths) & Parking one side - YAUPON DR from TEXAS PLUME RD to SPICEBRUSH DR ~	3 - Medium	5 - Very Low
1A - 202*	LAUREL MOUNTAIN	DOUBLE SPUR LOOP	Sidewalk obstructions	Fix sidewalk obstructions - DOUBLE SPUR LOOP from ROWEL DR to D K RANCH RD	5 - Very Low	5 - Very Low
1A - 203*	LAUREL MOUNTAIN	DOUBLE SPUR LOOP	Missing sidewalk	Construct new sidewalk - DOUBLE SPUR LOOP from D K RANCH RD to ROWEL DR	5 - Very Low	5 - Very Low
1A - 214*	LAUREL MOUNTAIN, CANYON VISTA	D K RANCH RD	Missing sidewalk	Fix sidewalk obstructions - D K RANCH RD from D K RANCH CT to DOUBLE SPUR LOOP, Widen existing sidewalk - D K RANCH RD from D K RANCH CT to DOUBLE SPUR LOOP, Construct new sidewalk - D K RANCH RD from end of road to YAUPON DR	3 - Medium	5 - Very Low
1A - 215*	CANYON VISTA, LAUREL MOUNTAIN	D K RANCH RD	Missing sidewalk	Construct new sidewalk - D K RANCH RD from Near 10104 D K RANCH RD to YAUPON DR	3 - Medium	5 - Very Low
1A - 216*	LAUREL MOUNTAIN	DOUBLE SPUR LOOP	Missing sidewalk	Construct new sidewalk - DOUBLE SPUR LOOP from D K RANCH RD to D K RANCH RD	5 - Very Low	5 - Very Low
1A - 218	LAUREL MOUNTAIN	BLUE LILLY DR	Missing sidewalk	Construct new sidewalk - BLUE LILLY DR from Near 7707 BLUE LILLY DR to YAUPON DR	4 - Low	3 - Medium

* Indicates projects located outside or partially outside of the City of Austin limits and may not be eligible for Safe Routes to School funding.

Cost:Benefit rankings are preliminary, high-level estimates to identify cost-effective options to address safety concerns. Preliminary rankings are developed using planning-level costs for projects of this nature. Individual cost estimates will change as projects advance. Go to AustinTexas.gov/SafeRoutes to learn more.



INFRASTRUCTURE PLAN

Project ID	Project w/in 1/2 mi (ped) or 2 mi (bike) and attendance boundary of:	Location	Issue	Recommendation + = parking removal required ~ = private property acquisition required	Overall Benefit Category	Estimated Cost:Benefit Category
1A - 219	LAUREL MOUNTAIN	BLUE LILLY DR	Missing sidewalk	Construct new sidewalk - BLUE LILLY DR from Near 7704 BLUE LILLY DR to YAUPON DR	4 - Low	3 - Medium
1A - 603	LAUREL MOUNTAIN	BLUE LILLY DR / YAUPON DR	Poor sightlines, High speed crossing	Add curb extensions, Install raised crosswalk, Reconfigure lanes	3 - Medium	4 - Low
1A - 612	LAUREL MOUNTAIN	SKYFLOWER DR / YAUPON DR	Difficult crossing, High speed crossing, Long crossing distance	Add median refuge island on Yaupon, Install high visibility crosswalk	4 - Low	3 - Medium
1A - 613*	LAUREL MOUNTAIN	D K RANCH RD / DOUBLE SPUR LOOP	Difficult crossing, High speed crossing	Install 2 curb ramps, Install raised crosswalk	4 - Low	3 - Medium
1A - 614	LAUREL MOUNTAIN	FIREOAK DR / YAUPON DR	Difficult Crossing	Add median refuge island on Yaupon, Install 1 curb ramp, Install high visibility crosswalk ~ +	4 - Low	3 - Medium
1A - 631	LAUREL MOUNTAIN	CASSIA DR / YAUPON DR	High speed crossing, Long crossing distance	Add median refuge island on Yaupon, Install 2 curb ramps, Install Rapid Rectangular Flashing Beacon, Intersection reconfiguration	2 - High	5 - Very Low
1A - 632*	LAUREL MOUNTAIN	BLUE LILLY DR / D K RANCH RD	Wide curb radii	Add curb extensions, Install 2 curb extensions on DK Ranch +	4 - Low	3 - Medium
1A - 901*	CANYON VISTA, LAUREL MOUNTAIN	from Muley Dr to DK Ranch Rd	Desired bike/ped route	Construct new trail	3 - Medium	4 - Low

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4D - 009*	CANYON VISTA, LAUREL MOUNTAIN	YAUPON DR	No bike facility	Add protected bike lane - YAUPON DR from FIREOAK DR to SPICEWOOD SPRINGS RD	2 - High	4 - Low
4D - 010	LAUREL MOUNTAIN, CANYON VISTA	SPICEWOOD SPRINGS RD	No bike facility	Add sidepath - SPICEWOOD SPRINGS RD from WEXFORD DR to BINTLIFF DR	2 - High	5 - Very Low
4D - 216*	CANYON VISTA, LAUREL MOUNTAIN	YUCCA DR	Missing sidewalk	Construct new sidewalk - YUCCA DR from POMMEL DR to Near 11312 YUCCA DR	4 - Low	5 - Very Low
4D - 217*	CANYON VISTA, LAUREL MOUNTAIN	POMMEL DR	Missing sidewalk	Construct new sidewalk - POMMEL DR from YUCCA DR to Near 8311 POMMEL DR	4 - Low	5 - Very Low
4D - 237*	LAUREL MOUNTAIN	PANTERA RIDGE	Missing sidewalk	Construct new sidewalk - PANTERA RIDGE from 10302 PANTERA RIDGE to SPICEWOOD MESA	5 - Very Low	3 - Medium
4D - 238*	LAUREL MOUNTAIN	SPICEWOOD MESA	Missing sidewalk	Construct new sidewalk - SPICEWOOD MESA from YUCCA DR to YUCCA DR	4 - Low	5 - Very Low
4D - 239*	LAUREL MOUNTAIN	YUCCA DR	Missing sidewalk	Construct new sidewalk - YUCCA DR from SPICEWOOD MESA to POMMEL DR	5 - Very Low	5 - Very Low
4D - 240*	LAUREL MOUNTAIN	ROWEL DR	Missing sidewalk	Construct new sidewalk - ROWEL DR from DOUBLE SPUR LOOP to YUCCA DR	5 - Very Low	4 - Low
4D - 241*	LAUREL MOUNTAIN	D K RANCH RD	Narrow sidewalk	Fix sidewalk obstructions - D K RANCH RD from D K RANCH CT to DOUBLE SPUR LOOP; Widen existing sidewalk - D K RANCH RD from D K RANCH CT to DOUBLE SPUR LOOP	5 - Very Low	5 - Very Low
4D - 242	LAUREL MOUNTAIN	YAUPON DR	Portions of sidewalk have cross slope that exceeds ADA	Repair existing sidewalk - YAUPON DR from CASSIA DR to TEXAS PLUME RD	5 - Very Low	5 - Very Low
4D - 691*	LAUREL MOUNTAIN	POMMEL DR / YUCCA DR	Difficult crossing	Tighten curb radii [2]	5 - Very Low	4 - Low

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4D - 695*	LAUREL MOUNTAIN	DOUBLE SPUR LOOP / ROWEL DR	Difficult crossing, Poor sightlines	Add limited sight distance signage at top of hill. Add stop bar at Double Spur Loop, Install high visibility crosswalk, Trim back trees/vegetation	5 - Very Low	3 - Medium
4D - 696*	LAUREL MOUNTAIN	D K RANCH RD / DOUBLE SPUR LOOP	High speed crossing	Install raised crosswalk	4 - Low	3 - Medium
4D - 905	CANYON VISTA, LAUREL MOUNTAIN	Near 8431 SPICEWOOD SPRINGS RD	No trail connection	Construct new shared use path	2 - High	3 - Medium

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