# CITY OF MERCED Development Services

TO: Bicycle and Pedestrian Advisory Commission

FROM: Michael Hren, Principal Planner

DATE: August 25, 2020 SUBJECT: ATP Project List

### **BACKGROUND**

The Active Transportation and Safe-Routes-to-School Plan (ATP) was adopted on July 15, 2019, by the City Council, including project lists for both bicycle and pedestrian projects. The Bicycle and Pedestrian Advisory Commission is asked to provide guidance to staff on an annual update to those lists.

#### **DISCUSSION**

In order to ensure that the ATP continues to evolve along with the conditions in the City of Merced to meet the needs of and address the challenges presented to users of all modes of Active Transportation, the project lists should be reviewed and updated accordingly. Staff asks the Commission for guidance on what projects the Commission feels need to be added to the lists, and what projects need to be amended or updated in some way. Additionally, if projects need to be removed from the lists, whether due to completion, the need being fulfilled in some other way, or for other reasons, those recommendations would also be helpful. After receiving the recommendations from the Commission, City Planning and Engineering staff will review possible updates, apply the ATP's ranking methodology, and provide the Commission with a draft update at a future meeting.

#### ACTION

Provide direction to staff on updates to the ATP Bicycle and Pedestrian project lists.

#### ATTACHMENTS:

- 1. ATP Bicycle Project Table
- 2. ATP Pedestrian Project Table

## Appendix D: Pedestrian Prioritized Projects Table

For more information about improvement types, see "Existing Facilities" on page 22. For details about the scoring criteria and prioritization methodology, see "Infrastructure Projects" on page 112.

Project ID	Location/ Street	Start	End	Distance (mi)	Spot Improvement Detail/ Notes	Safety (20pts)	Community Support (15pts)	Activity Generator Connection (15pts)	Safe-Routes-to- School (30pts)	Disadvantaged Community (20pts)	Total
P16	M Street Corridor in Downtown	16th Street	24th Street	0.75	Traffic Calming and crossing enhancements curb extensions, leading pedestrian interval, high visibility crosswalks, etc.	20	15	15	30	20	100
P4	G Street Corridor in Downtown	SR-140	24th Street	0.8	Install crossing enhancements such as curb extensions, leading pedestrian interval, high visibility crosswalks	20	10	15	30	20	95
P2	Main Street	G Street	V Street	1.37	Stripe currently unmarked crossings and study key locations for enhanced crossings	15	15	15	30	20	95
B110	Childs Avenue	Parsons Avenue	Campus Parkway	1.54	Multi Use Path	15	15	15	30	15	90
PS30	22nd Street/G Street				Provide pedestrian scale lighting to improve ped. visibility and safety	5	15	15	30	20	85
P8	Childs Avenue	MLK Jr. Parkway	De Long Street		Close sidewalk gaps and improve lighting	10	15	10	30	20	85
P9	Childs Avenue	MLK Jr. Parkway	De Long Street		Study Traffic Calming Measures	10	15	10	30	20	85
Р3	MLK Jr. Way	SR-99/ SR140	Childs Avenue		Install crossing enhancements: curb extensions, LPI, high visibility crosswalks, etc.	15	15	15	15	20	80
P15	Canal Street	Cartmell Drive	Childs Avenue		Install sidewalks on east side of street where missing. Install lighting.	15	10	15	15	20	75
P1	E Santa Fe Ave	Midge Avenue	Green	0.9	Install Sidewalks	5	15	15	30	10	75
PS29	G Street Railroad Tracks underpass				Improve lighting under the overpass to improve perception of safety	10	15	15	15	20	75

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PS37	M Street/ Main Street				High visibility crosswalks and leading pedestrian interval	10	15	15	15	20	75
Р6	Olive Avenue	Lough- borough Drive	G Street	1.68	High visibility crosswalks, advance stop markings, leading pedestrian interval, curb extensions where deemed necessary	20	10	15	30	0	75
PS21	Olive Avenue/M Street				Install high visibility crosswalks, advance stop markings, leading pedestrian interval	15	15	15	30	0	75
P5	12th Street	M Street	E Street	0.68	Pedestrian accessibility improvements including curb ramps where absent	5	5	10	30	20	70
P11	26th Street	Glen Avenue	M Street		Study potential traffic calming measures on 26th Street including marked high visibility crossings, and curb extensions.	5	15	10	30	10	70
PS24	R Street/ Childs Avenue				High visibility crosswalks (including across Childs), RRFB (across Childs), curb extensions	5	15	0	30	20	70
PS17	SR-99 Crossings				Partner with Caltrans to improve crossings	15	15	15	15	10	70
PS10	E Santa Fe Ave	G Street	City Limits		Install street/pedestrian- scale lighting	5	5	15	30	10	65
PS14	Green Street and Santa Fe Drive				Improve lighting with railroad undercrossing to improve perception of safety	5	5	15	30	10	65
P13	N Street	Cartmell Drive	Gerard Avenue		Install sidewalks to fill gaps	5	15	10	15	20	65
PS25	R Street/21st Street				Consider limiting flashing beacon to school hours only	0	5	10	30	20	65
PS18	SR-99/ V Street				Partner with Caltrans to improve crossings	10	15	15	15	10	65

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P12	9th Street	V Street	M Street		Study potential traffic calming measures including high visibility crosswalks, and curb extensions. Improve lighting throughout this corridor.	2	15	10	15	20	62
PS33	11th Street/ V Street				Conduct stop sign and signal warrant study. Install high visibility crosswalks at all approaches.	2	10	10	15	20	57
PS1	16th Street/R Street				Stripe high visibility crosswalks and install curb extensions	15	5	15	0	20	55
PS26	Fairfield Street/M Street				Upgrade to high visibility crosswalks and curb extensions on west approach	15	10	15	15	0	55
P7	G Street	Bear Creek Trail	Olive Avenue	0.6	Crossing improvements such as removing slip lane at Bear Creek Drive, installing high visibility crosswalks, leading pedestrian interval, curb extensions where necessary	10	10	10	15	10	55
PS11	G Street/ Alexander Avenue				Stripe high visibility crosswalks and install curb extensions	5	5	15	30	0	55
PS28	Railroad tracks near Hoover Middle School				Study installing fencing or other safety enhancements to keep students away from tracks. Pair with student educational programming.	2	5	15	30	0	52
PS34	Santa Fe Avenue/6th Avenue				Study redesign of Santa Fe Ave/6th Avenue Intersection	2	5	15	30	0	52
PS32	P Street/ 8th Street				Conduct stop sign warrant study and install high visibility crosswalks at all approaches	5	10	0	15	20	50

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PS35	Parsons Avenue, north of Childs Avenue				Install mid-block crossing with RRFB and curb extensions to improve access to/from bus stops	2	15	15	15	0	47
PS3	Bellevue Road/Lake Road				Improve safety of crossing	0	5	10	30	0	45
PS5	Childs Ave/Carol Ave/SR-99				Partner with Caltrans to install/improve pedestrian access to and mobility to and through the overcrossing	5	5	10	15	10	45
P14	Gerard Avenue	N Street	M Street		Widen sidewalk to recommended 8 feet width in high-volume pedestrian area on east side to better accommodate school pedestrian traffic	5	10	10	0	20	45
PS23	R Street/ Yosemite Avenue				Install high visibility crosswalks, leading pedestrian interval	0	15	15	15	0	45
PS6	Citywide				Conduct a curb inventory to determine and prioritize locations without curb ramps and other accessibility features	0	5	10	15	10	40
PS7	Citywide				Conduct an inventory of bus stops throughout the City to determine with accessibility and pedestrian enhancements can be made within the City right of way leading to and from bus stops	0	5	10	15	10	40

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PS9	Downtown Area				Install pedestrian amenities such as shade trees, pedestrian-scale lighting, wayfinding signage, benches, trash cans, and other street furniture. Consider policy change to promote mixed uses with ground floor retail	0	5	15	0	20	40
PS19	Parsons Avenue/ Merced Avenue				Install high visibility crosswalks, advanced yield markings. Consider upgrading RRFB to HAWK because of width of roadway (5 lanes)	0	10	15	15	0	40
PS22	R Street/ Loughbor- ough Drive				Improve pedestrian safety by removing slip lane, installing high visibility crosswalks and leading pedestrian interval, and extending median on R Street to create refuge islands	10	15	15	0	0	40
PS12	G Street/ Brookdale Drive				Install mid-block crossing with enhancement such as HAWK or RRFB to allow people in adjacent neighborhood more convenient and safe access to park without long detour to marked crossing	2	10	10	15	0	37
PS36	Gerard Avenue/M Street				Stripe crosswalks at all approaches	0	15	0	0	20	35
PS20	Parsons Avenue/ SR-140				Partner with Caltrans to install high visibility crosswalks, advance stop markings, leading pedestrian interval	5	15	15	0	0	35
PS2	Bear Creek Path				Inspect and correct any ADA-related accessibility issues	0	5	15	0	10	30

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PS16	Parsons Avenue and Bear Creek				Improve lighting in undercrossing to improve perception of safety	0	5	10	15	0	30
PS4	Black Rascal Creek & McKee Road				Install crossing enhancements such as curb extensions, leading pedestrian interval, high visibility crosswalks	2	5	15	0	0	22
PS13	Glen Avenue & Bear Creek				Bridge crossing improvements	0	5	0	15	0	20
PS15	Lake Road & Yosemite Avenue				Improve lighting in undercrossing to improve perception of safety	0	5	0	0	0	5

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Project ID	Location/ Street	Start	End	Вікемау Туре	Spot Improvement Detail/ Notes	Safety (20pts)	Community Support (15pts)	Activity Generator Connection (15pts)	Safe-Routes-to- School (30pts)	Disadvantaged Community (20pts)	Total
В9	16th Street	G Street	V Street	Study	Study for Class II Buffer	20	15	15	30	20	100
B56	M Street	11th Street	Bear Creek Path	Class II	Study lane width reduction to 11 foot minimum to allow installation of bike lane with green paint	20	15	15	30	20	100
B39	G Street	13th Street	Mercy Avenue	Class IV	Segments in areas with more frequent driveways may need to be Class II buffer. Will also create a traffic calming effect for pedestrians	15	15	15	30	20	95
B89	R Street	North- wood Drive	Yosemite Avenue	Study	Study narrowing travel lanes to 11 foot minimum to allow for Class IV	15	15	15	30	20	95
B90	R Street	12th Street	North- wood Drive	Study	Study for Class IV	15	15	15	30	20	95
B23	Canal Street	Childs Avenue	26th Street	Class III Blvd		15	10	15	30	20	90
B61	M Street	Childs Avenue	11th Street	Class II	Recommend bike lane with green paint	2	15	15	30	20	82
В6	13th Street	B Street	M Street	Class III Blvd		10	5	15	30	20	80
B100	V Street	West Avenue	24th Street	Class III Blvd		10	15	15	30	10	80
B58	M Street	Childs Avenue	Mission Avenue	Class II	Recommend bike lane with green paint	2	15	10	30	20	77

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Project ID	Location/ Street	Start	End	Bikeway Type	Spot Improvement Detail/ Notes	Safety (20pts)	Community Support (15pts)	Activity Generator Connection (15pts)	Safe-Routes-to- School (30pts)	Disadvantaged Community (20pts)	Total
B8	14th Street	V Street	G Street	Class II		10	0	15	30	20	75
BS3	G Street/ Olive Street In- tersection			Study	Study intersection reconfiguration to make more bike/ped friendly	15	15	15	30	0	75
B72	O Street	8th Street	North Bear Creek Drive	Class III Blvd		5	5	15	30	20	75
B74	Olive Avenue	G Street	R Street	Class IV		20	10	15	30	0	75
B10	26th Street	M street	Glen Avenue	Class II	Study will be required to remove parking in one direction (alternating) on 6th to M Street segment	2	15	15	30	10	72
BS2	G Street/ Brookdale Drive				Install bicycle-friendly push- button to trigger to adjacent pedestrian beacon	10	15	15	30	0	70
B71	O'Sullivan Path to Main Con- nection	16th Street	25th Street	Class I	(From end of O'Sullivan Bike Path near W 25th St): 25th Street > U Street > W 23rd Street > V Street > Main Street	10	10	15	15	20	70
B106	Yosemite Parkway	Main Street	Baker Drive	Class II	Caltrans jurisdiction	10	5	15	30	10	70
B34	E Santa Fe Ave	G Street	City Limits	Class III Blvd		0	10	15	30	10	65
B107	G Street	"Mercy Hospital Path"	Bike path south of Korbel Ave	Class I	Would include enhancing the safety of crossing of G Street	0	15	15	15	20	65
B93	Santa Fe Drive	McKee Road	G Street	Class II		5	5	15	30	10	65
B105	Yosemite Avenue	San Augustine Avenue	Gardner Avenue	Class II Buf- fer		10	10	15	30	0	65

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B25	Childs Avenue	Carol Avenue	Campus Parkway	Class II	Study for Class IV	10	5	15	30	0	60
B65	Merced Avenue	Parsons Avenue	City Limits	Class I		5	10	15	30	0	60
B73	Olive Avenue	McKee Road	G Street	Class II		5	10	15	30	0	60
B85	Parsons Avenue	27th Street	Yosemite Parkway	Class II		0	15	15	30	0	60
B79	Parsons Avenue	Bear Creek Trail	Brook- dale Drive	Class II Buffer	Recommendation requires one parking lane be removed on Olive to Brookdale	2	15	10	30	0	57
B82	Parsons Avenue	Brookdale Drive	Yosemite Avenue	Class II		2	15	10	30	0	57
B11	8th Street	West Avenue	MLK Jr. Way	Class III		5	5	10	15	20	55
B66	Merced Avenue	City Limits	Coffee Street	Class I		0	10	15	30	0	55
B70	Mission Avenue	SR-59	Tyler Road	Class II		0	0	15	30	10	55
B76	Olive Avenue	G Street	Larkspur Avenue	Class II		5	5	15	30	0	55
B77	Parsons Avenue	SR-140	Dinkey Creek Avenue	Class II Buffer	Study will need to study to determine ability to remove travel/parking lane to provide room for buffered lane	10	15	0	30	0	55
B80	Parsons Avenue	Brookdale Drive	Rascal Bike Path	Class II		0	15	10	30	0	55
B81	Parsons Avenue	Marie	Olive Avenue	Class II		0	15	10	30	0	55
B83	Parsons Avenue	North Bear Creek	Marie	Class II		0	15	10	30	0	55

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Project ID	Location/ Street	Start	End	Вікемау Туре	Spot Improvement Detail/ Notes	Safety (20pts)	Community Support (15pts)	Activity Generator Connection (15pts)	Safe-Routes-to- School (30pts)	Disadvantaged Community (20pts)	Total
B84	Parsons Avenue	Olive	Brook- dale Drive	Class II		0	15	10	30	0	55
BS6	W 16th Street/ SR- 59				Partner with Caltrans to conduct Stop Sign warrant study for complex intersection	5	15	15	0	20	55
B31	Cordova Avenue	Black Rascal Creek Trail	Yosemite Avenue	Class III Blvd		2	5	15	30	0	52
B32	E 27th Street	McKee Road	Glen Avenue	Class III Blvd		2	5	15	30	0	52
B64	Merced Avenue	Parsons Avenue	Motel Drive/ Almond Avenue	Class III Blvd		2	10	10	30	0	52
B16	Bear Creek Path	16th Street	Massasso Street	Class I		0	0	15	15	20	50
BS1	Citywide				Ramps to improve access to/from the roadway from Class I facilities	10	5	10	15	10	50
B55	Highway 59	16th Street	Olive Avenue	Class II	Partner with Caltrans and County	20	0	10	0	20	50
B67	Mission Avenue	M Street	SR-59	Class II		0	0	10	30	10	50
B91	R Street	Childs Avenue	South City Limits	Class II		0	15	10	15	10	50
BS4	Rascal Bike Path				Trim vegetation along path	0	5	15	30	0	50
B44	Gardner Avenue	Yosemite Avenue	Class I path	Class II		2	15	15	15	0	47
B78	Parsons Avenue	Dinkey Creek Avenue	Campus Parkway Path	Class II Buffer		2	15	0	30	0	47

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B94	South of Gerard Avenue	South of R Street & Stuart	SR-59	Class I		2	0	10	15	20	47
B95	South of Gerard Avenue	SR-59	Tyler Road	Class I		2	0	10	15	20	47
B48	Gerard Avenue	Parsons Avenue	Coffee Street	Class II		0	5	10	30	0	45
B99	Tyler Road	Childs Avenue	Mission Avenue	Class II		0	0	10	15	20	45
B101	Wardrobe Avenue	Thornton Road	West Avenue	Class II		0	0	15	30	0	45
B36	East side on McKee Road	Yosemite Avenue	Black Rascal Creek Path	Class II		2	0	10	30	0	42
B63	McKee Road	Black Rascal Creek	Olive Avenue	Class II	Will require County cooperation	2	0	10	30	0	42
B24	Carol Avenue	SR-140	Childs Avenue	Class III Blvd		5	5	15	15	0	40
B29	Coffee Street	Childs Avenue	Gerard Avenue	Class II		0	0	10	30	0	40
B47	Gerard Avenue	Coffee Street	Campus Parkway	Class II		0	0	10	30	0	40
B97	SR-59	Childs Avenue	Mission Avenue	Class II	Caltrans jurisdiction; additional width needed for full Class II along only connection in area	5	0	10	15	10	40
B98	Thornton Road	Wardrobe Avenue	Dick- enson Ferry	Class II		0	0	10	30	0	40
B22	Campus Parkway	SR-140	Childs Avenue	Class I		0	5	0	30	0	35
B49	Gerard Avenue	M Street	Barroso Avenue	Class II		0	10	10	15	0	35

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B75	Olive Avenue	R Street	Austin Avenue	Class II		10	10	15	0	0	35
BS5	SR-59/ Olive Street				Partner with Caltrans to improve bike path crossing across Olive Street. Regionally significant project.	5	15	15	0	0	35
B35	East side on G Street	Bellevue Road	Mercy Avenue	Class II		2	5	0	15	10	32
B53	Grogan Avenue	Macready Drive	West Avenue	Class II		2	0	15	15	0	32
B14	Bancroft Drive	Cardella Road	Barclay Way	Class II		0	15	15	0	0	30
B21	Campus Parkway	Yosemite Avenue	SR-140	Class I	Partner with Caltrans and County.	0	15	0	15	0	30
B43	G Street (east side)	Bellevue Road	Farm- land	Class II		0	0	0	30	0	30
B88	PG&E Corridor	El Capitan High School	Nevada Street	Class I	New Class I proposed in 2013 Plan	0	0	0	30	0	30
B96	South of Gerard Avenue	Tyler Road	Frontage Road	Class I		0	0	10	0	20	30
B20	Black Rascal Creek	Yosemite Avenue	Mariner Way	Class I		0	0	10	15	0	25
B45	Gardner Avenue	Cardella Road	Yosemite Avenue	Class II		0	0	10	15	0	25
B68	Mission Avenue	Tyler Road	Frontage Road	Class II		0	0	15	0	10	25
B102	West Avenue	Childs Avenue	South City Limits	Class II		0	0	10	15	0	25
B12	Ahwahnee Court - Joerg Avenue	Cascade Creek Avenue	Yosemite Avenue	Class III		0	5	0	15	0	20

Appendix C: Bicycle Prioritized Projects Table

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Project ID	Location/ Street	Start	End	Вікемау Туре	Spot Improvement Detail/ Notes	Safety (20pts)	Community Support (15pts)	Activity Generator Connection (15pts)	Safe-Routes-to- School (30pts)	Disadvantaged Community (20pts)	Total
B30	Cooper Avenue	Ashby Road	Highway 59	Class II		0	0	0	0	20	20
B57	M Street	M Circle	Barclay Way	Class II	Recommend bike lane with green paint	0	15	0	0	0	15
B69	Mission Avenue	Coffee Street	Tower Road	Class II		0	0	0	15	0	15
B87	PG&E Corridor	N. Gardner Avenue	G Street	Class I	New Class I proposed in 2013 Plan	0	0	0	15	0	15
B51	Gerard Avenue	Campus Parkway	Tower Road	Class II		0	0	10	0	0	10
B15	Barclay Way	M Street	Bellevue Road	Class II		0	5	0	0	0	5
B17	Bellevue Road	G Street	Barclay Avenue	Class II	Study for Class I facility	0	5	0	0	0	5
B18	Bellevue Road	Barclay Avenue	M Street	Class II	Study for Class I facility	0	5	0	0	0	5
B37	Fahrens Creek	Heitz Court	Bellevue Road	Class I		0	5	0	0	0	5
B38	Fahrens Creek	Bellevue Road	Old Lake Road	Class I		0	5	0	0	0	5
B46	Gardner Avenue	Bellevue Road	Cardella Road	Class II		0	0	0	0	0	0
B86	PG&E Corridor	G Street	Bandoni Pond	Class I	New Class I proposed in 2013 Plan	0	0	0	0	0	0