

# Programming FY2018-2020 Bicycle and Pedestrian Projects

MAG Transportation Review Committee,  
January 28, 2016, Item #6

Teri Kennedy, Transportation Improvement Program Manager



# 1

## Programming for CMAQ & TA in the MAG Region One Application to fill out, two evaluation pools

- **FFY 2018, 2019, and 2020 for CMAQ, and TA**
  - **Bicycle and Pedestrian Projects: CMAQ and TA infrastructure**
    - **Bike/Ped projects will have approximately \$ 23.6 million for CMAQ, and \$12.9 million for TA programming.**

	<b>CMAQ Bicycle/Ped</b>	<b>Transportation Alternatives Urban &amp; NU, Infrastructure</b>
2017 Moved from NonInfr. to Infr.	\$ -	\$ 247,650
2018	\$ 7,678,331	\$ 4,092,522
2019	\$ 7,899,112	\$ 4,221,699
2020	\$ 8,058,291	\$ 4,314,833
<b>Total</b>	<b>\$ 23,635,734</b>	<b>\$ 12,876,705</b>



# Assignment of Weights

CRITERIA	CMAQ	TA
Quantitative	30%	55%
Qualitative	15%	30%
Air Quality	40%	0%
Committee Rank	15%	15%
Total	100%	100%

We were asked to “Modify the Presentation Score”, “Simplify the Application process!”

# Project Programming Priorities for Ties:

1. \*Use CMAQ funding First.
2. Fund whole projects, and no blended funding, as possible.
3. After projects have been assigned funding type, sponsor will choose their preference of program year (follows rank order).
4. MAG Transportation Division reserves the ability to balance the annual obligation authority and change funding types.



# CMAQ and TA Applications Combined

## *How will the projects be programmed?*

### TAP Infrastructure

TOTAL QUANTITATIVE WEIGHTED SCORE	QUANTITATIVE RANK	TOTAL QUALITATIVE WEIGHTED SCORE	QUALITATIVE RANK	TOTAL COMMITTEE WEIGHTED SCORE	COMMITTEE RANK	TOTAL COMBINED WEIGHTED SCORE	TOTAL COMBINED RANK
16.38	3	7.52	3	5.55	1	29.44	1
13.81	6	8.12	1	3.45	15	25.38	2
16.81	1	4.74	21	3.75	13	25.29	3
12.10	9	7.02	4	5.25	3	24.37	4
16.81	1	4.69	23	2.55	21	24.04	5
11.73	11	6.99	5	4.80	6	23.52	6
11.86	10	6.51	10	5.16	4	23.47	7
14.42	5	6.18	4	2.70	19	23.31	8
...	...	...	...	...	...	...	...
4.95	32	1.95	37	0.45	35	7.35	37

### CMAQ\*

TOTAL QUANTITATIVE WEIGHTED SCORE	QUANTITATIVE RANK	TOTAL QUALITATIVE WEIGHTED SCORE	QUALITATIVE RANK	TOTAL AIR QUALITY SCORE	AIR QUALITY RANK	TOTAL COMMITTEE WEIGHTED SCORE	COMMITTEE RANK	TOTAL COMBINED WEIGHTED SCORE	TOTAL COMBINED RANK
6.60	9	3.51	4	8.40	17	5.25	3	23.76	1
6.17	12	3.09	15	9.60	14	4.05	11	22.90	2
9.17	1	2.37	21	7.60	19	3.75	13	22.88	3
4.90	16	3.13	11	11.20	10	3.60	14	22.83	4
5.00	15	1.61	35	12.00	8	4.20	10	22.81	5
3.97	24	2.69	17	14.80	2	1.05	31	22.50	6
4.73	18	2.14	22	14.40	2	0.60	34	21.87	7
8.93	3	3.76	3	3.60	29	5.55	1	21.84	8
...	...	...	...	...	...	...	...	...	...
2.30	34	1.73	34	1.60	34	1.20	30	6.83	37

**EXAMPLE DATA**

**EXAMPLE DATA**

# CMAQ and TA Applications Combined

## *What about ties?*



**EXAMPLE DATA**

### TAP Infrastructure

TOTAL COMBINED RANK	TAP Funding for Programming	Programming Cumulative Total {\$12,876,705}	Programming Notes
1	\$0	\$0	Selected for Both: fund with CMAQ
...	\$0	\$0	Selected for Both: fund with CMAQ
7	\$1,770,011	\$1,770,011	Selected for TAP: fund with TAP
8	\$0	\$1,770,011	Selected for Both (on cusp of both), Fund with CMAQ.
9	\$2,003,013	\$3,773,024	Fund with TAP
10	\$1,214,450	\$4,987,474	Fund with TAP
...			

### CMAQ

TOTAL COMBINED RANK	CMAQ Funding for Programming	Programming: Cumulative Total (\$23,635,734)	Programming Notes
1	\$793,063	\$793,063	Selected for Both, Fund with CMAQ.
2	\$0	\$793,063	HAWK: Selected for CMAQ, Fund with TAP
3	\$918,426	\$1,711,489	Selected for Both, Fund with CMAQ.
4	\$454,597	\$2,166,086	Selected for CMAQ, Fund with CMAQ.
5	\$888,895	\$3,054,981	Selected for CMAQ, Fund with CMAQ.
6	\$257,156	\$3,312,137	Selected for CMAQ, Fund with CMAQ.
7	\$1,097,275	\$4,409,412	Selected for CMAQ, Fund with CMAQ.
...			

# 2

# CMAQ FUNDING BALANCE

Project ID	Project Name	Applicant	Total Funding Requested	Cumulative Total (\$23,635,734)	CMAQ Funding for Programming	Programming: Cumulative Total (\$23,635,734)	Programming Notes
PEO-20-BPB-002	New River Multi-Use Path: Pinnacle Peak Road to Happy Valley Road	Peoria	\$539,622	\$23,059,242	\$539,622	\$21,107,232	Selected for CMAQ, Fund with CMAQ.
TMP-20-BPB-003	North South Rail Spur Multi-Use Path Project	Tempe	\$2,315,065	\$25,374,307	\$2,315,065	\$23,422,297	Selected for Both (on cusp of both), Fund with CMAQ.
PHX-18-BPB-005	2018 Phoenix Pedestrian and Bicycle HAWK Crossing Project	Phoenix	\$1,770,011	\$27,144,318	\$0	\$23,422,297	Selected for TAP, Fund with TAP.
GLN-20-BPB-003	71st Avenue and Orangewood Avenue Roadway Improvements	Glendale	\$947,621	\$28,091,939	\$213,437	\$23,635,734	Partial Funding if accepted. ?
GLN-19-BPB-004	SR101L, Bethany Home Rd to Maryland Ave Pathway Improvements	Glendale	\$731,768	\$28,823,707	\$0	\$23,635,734	Not funded
PHX-19-BPB-009	Friendly House Safe Streets, Safe Routes to School Project	Phoenix	\$1,084,196	\$29,907,903	\$0	\$23,635,734	Not funded
GLN-19-BPB-002	Paradise Lane, 55th Avenue to 59th Avenue Sidewalk Improvements	Glendale	\$233,110	\$30,141,013	\$0	\$23,635,734	Yes, we'll Accept!
TMP-19-BPB-001	Alameda Drive Bicycle / Pedestrian Improvements	Tempe	\$1,584,282	\$31,725,295	\$0	\$23,635,734	Fund with TAP.
ELM-18-BPB-001	Varney Road Sidewalk Connection	El Mirage	\$104,352	\$31,829,647	\$0	\$23,635,734	Not funded

3

Programming  
by Year:  
FY2018  
Has a surplus of  
\$1.7 m

2018 CMAQ funding				Available:	\$ 7,678,331
Project ID	Project Name	Applicant	TOTAL COMBINED RANK	CMAQ Funding for Programming	
TMP-18-BPB-004	Western Canal Multi-Use Path / The Missing Link	Tempe	1	\$	793,063
PHX-18-BPB-002	City of Phoenix Bikeshare Expansion Project (2018)	Phoenix	3	\$	918,426
GLN-18-BPB-005	Camelback Road, 79th Ave to 83rd Ave Sidewalk Improvements	Glendale	6	\$	257,156
PEO-18-BPB-001	83rd Avenue Sidewalk and Bike Lanes	Peoria	10	\$	614,836
APJ-18-BPB-001	Winchester Road Bicycle and Pedestrian Improvements	Apache Junction	12	\$	1,289,994
SCT-18-BPB-001	McDowell Road Bike Lanes: Pima Road to 64th Street	Scottsdale	16	\$	3,152,449
TMP-18-BPB-002	McClintock Drive Shared Use Path Underpass	Tempe	18	\$	1,231,275
<b>CMAQ Total</b>				\$	<b>8,257,199</b>
<b>2018 TAP-MAG funding</b>				Available:	\$ 4,092,522
Project ID	Project Name	Applicant	TOTAL COMBINED RANK	TAP Funding for Programming	
PHX-18-BPB-005	2018 Phoenix Pedestrian and Bicycle HAWK Crossing Project	Phoenix	7	\$	1,770,011
<b>TAP Total</b>				\$	<b>1,770,011</b>
<b>2018 Federal Funding Summary</b>					
2018	Total Programmed CMAQ			\$	8,257,199
2018	Total Programmed TAP			\$	1,770,011
2018	Total Programmed for FY2018			\$	10,027,210
2018	Total Available			\$	11,770,854
2018	Balance Carry Forward			\$	1,743,644

Programming  
by Year:  
**FY2019**  
Has a shortage  
of \$2.5 m

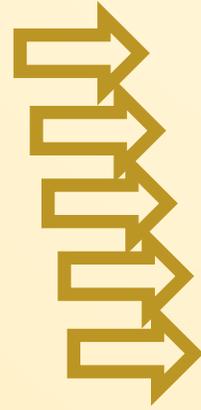
2019 CMAQ funding			Available:	\$ 7,899,112
Project ID	Project Name	Applicant	TOTAL COMBINED RANK	CMAQ Funding for Programming
PHX-19-BPB-001	Connecting the Gap on Roeser Road: 32nd Street to 36th Street Bicycle & Pedestrian Improvements	Phoenix	5	\$ 888,895
GLB-19-BPB-001	Western Powerline Trail Grade Separated Bicycle/Pedestrian Bridge	Gilbert	8	\$ 2,829,943
SCT-19-BPB-003	Underpass at Chaparral Road and Indian Bend Wash Path	Scottsdale	9	\$ 1,182,569
SUR-19-BPB-001	Bullard Avenue Multimodal Corridor Enhancement Project	Surprise	13	\$ 1,551,235
PVY-19-BPB-001	Lincoln Drive Sidewalk Expansion	Paradise Valley	17	\$ 1,958,977
<b>CMAQ Total</b>				<b>\$ 8,411,619</b>
2019 TAP-MAG funding			*Available:	\$ 4,469,349
Project ID	Project Name	Applicant	TOTAL COMBINED RANK	TAP Funding for Programming
MES-19-BPB-003	South Canal Shared Use Path: Consolidated Canal Shared Use Path to McDowell Road	Mesa	9	\$ 2,003,013
PHX-19-BPB-006	2019 Phoenix Pedestrian and Bicycle HAWK Crossing Project	Phoenix	12	\$ 830,783
TMP-19-BPB-001	Alameda Drive Bicycle / Pedestrian Improvements	Tempe	16	\$ 1,584,282
MES-19-BPB-001	Southeast Pathway (Phase 2): Elliot Road to Hawes Road	Mesa	18	\$ 2,032,624
<b>TAP Total</b>				<b>\$ 6,450,702</b>
2019 Federal Funding Summary				
2019	Total Programmed CMAQ			\$ 8,411,619
2019	Total Programmed TAP			\$ 6,450,702
2019	Total Programmed for FY2018			\$ 14,862,321
2019	Total Available			\$ 12,368,461
2019	Balance Carry Forward			\$ (2,493,860)

\* Includes non-infrastructure balance of \$247,650, year for use is flexible.

Programming  
by Year:  
FY2020  
Has a surplus of  
\$.8 m

2020 CMAQ funding				Available:	\$ 8,058,291	
Project ID	Project Name	Applicant	TOTAL COMBINED RANK	CMAQ Funding for Programming		
CHN-20-BPB-001	Chandler Boulevard Bike Lanes: I-10 to 54th Street	Chandler	4	\$	454,597	
GLN-20-BPB-001	67th Avenue and Orangewood Avenue Sidewalk Improvements	Glendale	7	\$	1,097,275	
PHX-20-BPB-003	City of Phoenix Bikeshare Expansion Project (2020)	Phoenix	11	\$	918,426	
PHX-20-BPB-008	Mountain View Safe Streets / Safe Routes to School Project	Phoenix	15	\$	1,428,494	
PEO-20-BPB-002	New River Multi-Use Path: Pinnacle Peak Road to Happy Valley Road	Peoria	19	\$	539,622	
TMP-20-BPB-003	North South Rail Spur Multi-Use Path Project	Tempe	20	\$	2,315,065	
GLN-20-BPB-003	71st Avenue and Orangewood Avenue Roadway Improvements	Glendale	22	\$	213,437	
<b>CMAQ Total</b>				\$	<b>6,966,916</b>	
2020 TAP-MAG funding				Available:	\$ 4,314,833	
Project ID	Project Name	Applicant	TOTAL COMBINED RANK	TAP Funding for Programming		
SCT-20-BPB-002	Osborn Road Complete Street: Hayden to Scottsdale Road	Scottsdale	10	\$	1,214,450	
PHX-20-BPB-004	Van Buren Street Pedestrian and Bicycle Improvements	Phoenix	11	\$	2,310,350	
PHX-20-BPB-007	2020 Phoenix Pedestrian and Bicycle HAWK Crossing Project	Phoenix	13	\$	1,121,227	
<b>TAP Total</b>				\$	<b>4,646,027</b>	
2020 Federal Funding Summary						
2020	Total Programmed CMAQ				\$	6,966,916
2020	Total Programmed TAP				\$	4,646,027
2020	Total Programmed for FY2018				\$	11,612,943
2020	Total Available				\$	12,373,124
2020	Balance				\$	760,181

Programming by  
Year:  
**FY2019**  
Has a shortage of  
**\$2.5 m**  
-Looking for a  
volunteer to  
move to FY2018 to  
balance the  
programming



2019 CMAQ funding				Available:	\$ 7,899,112
Project ID	Project Name	Applicant	TOTAL COMBINED RANK	CMAQ Funding for Programming	
PHX-19-BPB-001	Connecting the Gap on Roeser Road: 32nd Street to 36th Street Bicycle & Pedestrian Improvements	Phoenix	5	\$	888,895
GLB-19-BPB-001	Western Powerline Trail Grade Separated Bicycle/Pedestrian Bridge	Gilbert	8	\$	2,829,943
SCT-19-BPB-003	Underpass at Chaparral Road and Indian Bend Wash Path	Scottsdale	9	\$	1,182,569
SUR-19-BPB-001	Bullard Avenue Multimodal	Surprise	13	\$	1,551,235
PVY-19-BPB-001	Lincoln Drive Sidewalk Expansion	Paradise Valley	17	\$	1,958,977
<b>CMAQ Total</b>				\$	<b>8,411,619</b>
2019 TAP-MAG funding				*Available:	\$ 4,469,349
Project ID	Project Name	Applicant	TOTAL COMBINED RANK	TAP Funding for Programming	
MES-19-BPB-003	South Canal Shared Use Path: Consolidated Canal Shared Use Path to McDowell Road	Mesa	9	\$	2,003,013
PHX-19-BPB-006	2019 Phoenix Pedestrian and Bicycle HAWK Crossing Project	Phoenix	12	\$	830,783
TMP-19-BPB-001	Alameda Drive Bicycle / Pedestrian Improvements	Tempe	16	\$	1,584,282
MES-19-BPB-001	Southeast Pathway (Phase 2): Elliot Road to Hawes Road	Mesa	18	\$	2,032,624
<b>TAP Total</b>				\$	<b>6,450,702</b>
2019 Federal Funding Summary					
2019	Total Programmed CMAQ			\$	8,411,619
2019	Total Programmed TAP			\$	6,450,702
2019	Total Programmed for FY2018			\$	14,862,321
2019	Total Available			\$	12,368,461
2019	Balance Carry Forward			\$	(2,493,860)

\* Includes non-infrastructure balance of \$247,650, year for use is flexible.

## **ACTION NEEDED:**

Recommend approval of the priority list of Congestion Mitigation and Air Quality Improvement Program and Transportation Alternative Program funded projects to be added to the FY 2014-2018 MAG Transportation Improvement Program, and to add the lists of FY 2018, 2019, and 2020 projects to the Draft FY 2017-2021 MAG Transportation Improvement Program, and 2035 Regional Transportation Plan as appropriate. That includes the Bike/Ped Committee **Recommended Action to Include the balance \$9,965 of the TAP funding on GLN-19-BPB-002 Paradise Lane Project, and Advance Bullard Ave project from FY2019 to FY2018 to balance programming years.**