

McClintock Drive Bike Lane and Repavement (Mill and Overlay) Project



Project Scope

- Project area: McClintock Drive between Broadway and Guadalupe
- Part of Tempe's ongoing Asset Management Capital Maintenance Program
- McClintock reconfigured to include bike lanes on each side of street, requiring removal of at least 1 vehicle lane
- Minimum of 2 vehicular lanes, northbound and southbound, and a middle turn lane maintained

Project Scope

- Nesbitt Contracting Co. Inc.
- Cost: \$1,704,547
- Last micro-sealed in 2006
- Lane restrictions during construction to include 1 lane in each direction with NO full street closures

Transportation Master Plan

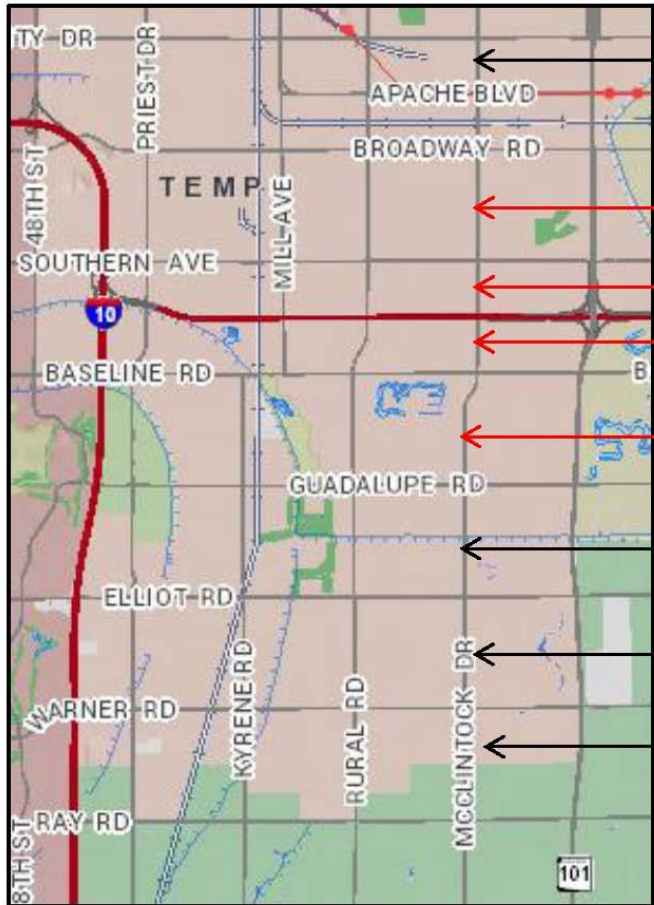
- Year-long public involvement process
- Adopted by City Council in Jan. 2015
- Includes adding bike lanes on McClintock between Broadway and Guadalupe

Traffic Volume Data Comparison (2004 vs 2014)

- McClintock between Broadway and Guadalupe has seen traffic volumes, on average, decrease by a total of 22% since 2004.
- This decrease is largely attributed to the completion of the urban freeway network and an increase in the number of commuters choosing alternative modes of travel.

Traffic Volume Data Comparison (2004 vs 2014)

Segment of McClintock	Lane Configuration	2004 Volumes			2014 Volumes			Change (%)			Average Segment (%)
		NB	SB	T	NB	SB	T	NB	SB	T	
Rio Salado to University	3 NB, 2 SB	No Data			16087	18531	34618	N/A			-9.71%
University to Apache	3 NB, 2 SB	16264	21159	37423	16451	17340	33791	1.15%	-18.05%	-9.71%	
Apache to Broadway	3 NB, 2 SB	No Data			15375	17488	32863	N/A			
Broadway to Southern	3 NB, 2 SB	17207	19280	36487	15208	16514	31722	-11.62%	-14.35%	-13.06%	-22.19%
Southern to US60	3 NB, 3 SB	22293	22658	44951	17938	17229	35167	-19.54%	-23.96%	-21.77%	
US60 to Baseline	3 NB, 3 SB	20697	23145	43842	16074	16681	32755	-22.34%	-27.93%	-25.29%	
Baseline to Guadalupe	2 NB, 3 SB	17841	17485	35326	12718	12490	25208	-28.71%	-28.57%	-28.64%	
Guadalupe to Elliot	3 NB, 2 SB	18106	16083	34189	12233	12277	24510	-32.44%	-23.66%	-28.31%	-33.53%
Elliot To Warner	2 NB, 2 SB (Bike Lanes)	12466	17252	29718	9211	9366	18577	-26.11%	-45.71%	-37.49%	
Warner to Ray	2 NB, 2 SB (Bike Lanes)	16482	11366	27848	9202	8961	18163	-44.17%	-21.16%	-34.78%	



3NB, 2SB; 33,791; -10%

3NB, 2SB; 31,722; -13%

3NB, 3SB; 35,167; -22%

3NB, 3SB; 32,755; -25%

2NB, 3SB; 25,208; -29%

3NB, 2SB; 24,510; -28%

2NB, 2SB; 18,577; -38%

2NB, 2SB; 18,163; -35%

Streets with Similar Traffic Volumes

- Sections of streets that accommodate similar traffic volumes (25,000-35,000 vehicles/day) with 2 travel lanes in each direction include:
 - Warner from I-10 to Priest 31,754 vehicles/day
 - Warner from Priest to Kyrene : 31,703 vehicles/day
 - University from McClintock to Loop 101: 30,115 vehicles/day
 - Rural from Baseline to Guadalupe : 29,395 vehicles/day
 - Guadalupe from Kyrene to Rural : 28,960 vehicles/day
 - University from SR143 to Priest: 28,048 vehicles/day
 - University from Rural to McClintock: 27,360 vehicles/day
 - Warner from McClintock to Loop 101: 25,930 vehicles/day
 - Guadalupe from McClintock to Loop 101: 25,027 vehicles/day

Pavement Quality Index (PQI)

- PQI is an indication of the condition and quality of the pavement structure and is calculated on a scale of 0 to 100.
- This information helps determine the best treatment for addressing the pavement condition.
- PQI for McClintock between Broadway and Guadalupe: 40

McClintock: Current Pavement Conditions



University Drive: Two lane arterial w/ bike lanes



Schedule

- Ramps: May 18
- Manholes: May
- Paving: June
- Striping: June/July
- Completion: July 2015

Outreach

- Work closely with businesses and neighborhoods adjacent to McClintock
- Ensure timely communication with businesses and neighborhoods through door hangers, social media, street closures web page (www.tempe.gov/streetclosures) and press releases.

Project Information

- 480-350-4311
- www.tempe.gov/streetclosures