

City of Santa Fe, New Mexico

memo

DATE: September 25, 2015

TO: City Council

VIA: Brian K. Snyder, City Manager


Isaac J. Pino, P.E., Public Works Department Director

FROM: John Romero, Acting Engineering Division Director 

ITEM AND ISSUE:

On-Road Bikeway Improvements 5 year Implementation Plan

BACKGROUND & SUMMARY:

City Council approved Resolution 2015-14 directing staff to work with the Bicycle Trail Advisory Committee (BTAC) and the Santa Fe Metropolitan Planning Organization (SFMPPO) to develop an On-Road Bikeway Improvement 5 year Implementation Plan targeted at improving on-road bicycle safety.

In coordination with BTAC and the SFMPPO, the Engineering Division has generated the attached plan. The plan is comprised of \$320,523 of funded projects and \$695,420 of unfunded projects. The prefix of each project (i.e. A.4.2) refers to the project number identified in the SFMPPO Bicycle Master Plan. The two projects without prefixes are projects BTAC deemed important, but were not originally contemplated in the Bicycle Master Plan. The cost estimates are based on those provided in the SFMPPO Bicycle Master Plan.

The funded projects are funded primarily through 2012 and 2014 CIP On-Road Bicycle Improvement bond money. The only exception is project A.4.5 in the amount of \$6,875 which is funded by the 2012 GO Bond. This project is included in the 2012 GO Bond implementation plan.

In conjunction with other projects that are either completed or underway, implementation of this plan will complete all on-road bicycle projects identified in Phase A and B of the Bicycle Master Plan that are deemed feasible and within the City of Santa Fe's jurisdiction.

Attachments: 5-Year On-Road Bicycle Implementation Plan
Resolution 2015-14

5-Year On-Road Bicycle Implementation Plan

		Cost
Funded		
Osage		
Bike Lanes: Osage	Study and Implement Bike Lanes from San Ildefonso to Rosina	\$ 20,000
	Total	\$ 20,000
Siringo		
A.4.2 Bike Lanes: Siringo	Study and Implement Bike Lanes where feasible (Ave de las Camp. To Botulph)	\$ 115,500
	Total	\$ 115,500
W. Alameda		
A.4.3 Bike Lanes: W. Alameda	Stripe Bike Lanes from St Francis to Defouni	\$ 37,510
	Total	\$ 37,510
San Mateo/Galisteo Project		
A.4.4 Bike Lanes: Galisteo	Galesteo: Stripe bike lanes from St Michaels to Hospital	\$ 14,438
A.4.5 Bike Lanes: Galisteo	Galisteo: Widen by 5ft Hospital to San Mateo	\$ 6,875
A.4.7 Bike Lanes: Galisteo	San Mateo: Study and Implement Bike Lanes where feasible (Galisteo to 2nd Street)	\$ 46,200
	Total	\$ 67,513
Paseo de Peralta		
A.4.9 Bike Lanes: Paseo de Peralta	Paseo de Peralta Road Diet: Palace to Old Santa Fe Trail	\$ 27,720
Bike Lanes: Paseo de Peralta	Paseo de Peralta Road Diet: Old Santa Fe Trail to Guadalupe	\$ 52,280
	Total	\$ 80,000
		\$ 320,523
Not Funded		
A.3.6 Crossing: St Francis Dr. Trail	St Francis-Siringo Intersection Improvements	\$ 220,000
A.4.11 Bike Lanes: Pacheco St	Study and Implement Bike Lanes where feasible (North of Sant Mateo to Siringo)	\$ 30,800
A.4.12: Bike Lanes: Wagon Road	Restripe with Bike Lanes (if not sharrows)	\$ 4,620
B.3.2: Bike Lanes: San Felipe	Widen San Felipe Road from Airport Road to Agua Fria Street	\$ 165,000
B.3.6: Bike Lanes: Henry Lynch	Widen Henry Lynch	\$ 275,000
	Total	\$ 695,420
	GRAND TOTAL	\$ 1,015,943

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CITY OF SANTA FE NEW MEXICO

RESOLUTION NO. 2015-14

INTRODUCED BY:

Mayor Javier Gonzales

Councilor Patti Bushee

A RESOLUTION

DIRECTING STAFF TO COLLABORATE WITH THE METROPOLITAN PLANNING ORGANIZATION (MPO) AND THE BICYCLE AND TRAILS ADVISORY COMMITTEE (BTAC) TO STUDY THE COSTS, BENEFITS AND POTENTIAL LOCATIONS TO IMPLEMENT A PILOT PROJECT TO INSTALL AND EVALUATE GREEN COLORED PAVEMENT MARKINGS IN BICYCLE LANES AT HIGH-RISK INTERSECTIONS WITHIN THE CITY OF SANTA FE; WORK WITH THE MPO, BTAC AND OTHER STAKEHOLDERS TO CONDUCT A STUDY OF EXISTING BICYCLE SAFETY ISSUES; REVIEW THE METROPOLITAN BICYCLE MASTER PLAN PROJECT RECOMMENDATIONS FOR ON-ROAD BIKEWAY IMPROVEMENTS; AND DEVELOP AN IMPLEMENTATION PLAN OVER THE NEXT FIVE YEARS TARGETED AT IMPROVING ON-ROAD BICYCLE SAFETY WITHIN THE CITY OF SANTA FE.

WHEREAS, pavement marking options for designated bicycle lanes are covered by national guidance in the Manual on Uniform Traffic Control Devices (MUTCD) as well as in publications by the American Association of State Highway and Transportation Officials (AASHTO); and

1 **WHEREAS**, in 2011, green colored pavement in marked bicycle lanes and in extensions of
2 bicycle lanes through intersections and other traffic conflict areas received interim approval from the
3 Federal Highway Administration (FHWA) as a traffic control device; and

4 **WHEREAS**, the FHWA found positive operational effects in experiments, such as bicyclists
5 positioning themselves more accurately as they travel across intersections and through conflict areas,
6 but no notable negative operational effects; and

7 **WHEREAS**, research has also shown that bicyclists and motorists both have a positive
8 impression of the effect of the green colored pavement, with bicyclists saying that they feel safer
9 when it is present, and motorists saying that it gives them an increased awareness that bicyclists might
10 be present and where those bicyclists are likely to be positioned within the traveled way; and

11 **WHEREAS**, Santa Fe County and City have received numerous awards for its high quality
12 of life in outdoor recreation and ecotourism, including:

- 13 • League of American Bicyclists awarded Santa Fe a Silver designation for its bicycle
14 transportation infrastructure;
- 15 • International Mountain Biking Association awarded Santa Fe a Silver-level Ride Center;
- 16 • USA Today listed Santa Fe as one of America’s top mountain biking towns;
- 17 • Singletracks.com voted Santa Fe one of the Top Ten mountain biking destinations in
18 North America;
- 19 • Runners World Magazine rated Santa Fe’s Dale Ball trail system one of 25 best trail runs
20 in America;
- 21 • Singletracks.com voted Santa Fe one of the Top Ten mountain biking destinations in
22 North America;
- 23 • Conde Nast voted Santa Fe as the best small town in America; and

24 **WHEREAS**, the Santa Fe Metropolitan Bicycle Master Plan states that “the MPO will work
25 with member agencies to stay abreast of the latest research in the development of best practices for

1 bicycle facilities and to identify opportunities to put such practices into use in the Santa Fe MPO
2 area”; and

3 **WHEREAS**, this includes consideration of new striping options for bike lanes and shared
4 lanes, use of shared-lane arrows, creation of bike boulevards and means of cyclist actuation of traffic
5 signals, and

6 **WHEREAS**, the Metropolitan Bicycle Master Plan “recommends that each MPO member
7 legally adopt bike lanes or paved shoulders as standard on-road provisions for bicyclists on major
8 roadways (arterials and major collectors); and

9 **WHEREAS**, the Metropolitan Bicycle Master Plan developed an Implementation Plan with
10 short-, medium-, and long-term project recommendations for both Trails and On-Road Bikeway
11 facilities, and

12 **WHEREAS**, the Governing Body desires for staff to collaborate with the MPO and BTAC to
13 study the costs, benefits, and potential locations to implement a pilot project to install and evaluate
14 green colored pavement markings in bicycle lanes at high-risk intersections within the city of Santa
15 Fe.

16 **NOW, THEREFORE, BE IT FURTHER RESOLVED BY THE GOVERNING BODY**
17 **OF THE CITY OF SANTA FE** that the Governing Body hereby directs staff within the Public
18 Utilities Department and Public Works Department to:

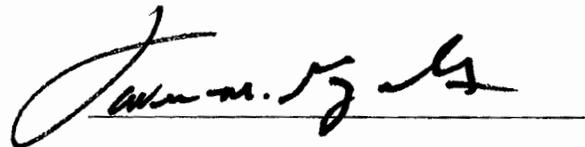
- 19 1. Work with the MPO and BTAC to study the costs, benefits and potential locations to
20 implement a pilot project to install and evaluate green colored pavement markings in
21 bicycle lanes at high-risk intersections within the city of Santa Fe;
- 22 2. Within sixty (60) days of adoption of this resolution, report back to the BTAC and to
23 the Governing Body its findings.

24 **BE IT FURTHER RESOLVED** that staff within the Public Utilities Department and Public
25 Works Department are directed to:

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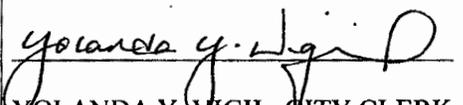
1. Work with the MPO, BTAC and other stakeholders to conduct a study of existing On-Road Bicycle Safety issues, and review the Metropolitan Bicycle Master Plan project recommendations for On-Road Bikeway Improvements, and develop an implementation plan over the next five years targeted at improving On-Road Bicycle Safety within the city of Santa Fe.
2. Present the study to the BTAC and to the Governing Body within six (6) months of adoption of this resolution.

PASSED, APPROVED, and ADOPTED this 11th day of February, 2015.



JAVIER M. GONZALES, MAYOR

ATTEST:



YOLANDA Y. VIGIL, CITY CLERK

APPROVED AS TO FORM:



KELLEY A. BRENNAN, CITY ATTORNEY