

**CITY OF LA VISTA**  
**MAYOR AND CITY COUNCIL REPORT**  
**JANUARY 6, 2015 AGENDA**

<b>Subject:</b>	<b>Type:</b>	<b>Submitted By:</b>
APPLEWOOD CREEK TRAIL BNSF TO GILES ROAD FUNDING APPLICATION TO MAPA	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JOHN KOTTMANN CITY ENGINEER/ASSISTANT PUBLIC WORKS DIRECTOR

**SYNOPSIS**

A resolution has been prepared authorizing the submittal of an application to the Metropolitan Area Planning Agency for federal aid funding under the Transportation Alternatives Program for a multi-use recreational trail along Applewood Creek from the BNSF railroad pedestrian underpass to the south side of Giles Road.

**FISCAL IMPACT**

Funding under this federal aid program would not become available until 2018 or 2019. The project is proposed to be included in the next 1 & 6 Year Road Program update. If the project scores high enough against competing applications and if federal funding is authorized in future years, then the City's share would be 20 percent of the project and federal aid would provide 80 percent. The City share of the project will need to be considered in future budget years if the application is successful.

**RECOMMENDATION**

Approval.

**BACKGROUND**

The Portal Greenway in the City's Master Parks & Recreation Plan proposes a multi-use trail in this location. The trail would commence at the end of an existing trail just southwest of the existing BNSF pedestrian underpass behind 8506 South 102<sup>nd</sup> Street and would continue westerly and southerly along Applewood Creek to the south side of Giles Road to connect to an existing trail in the Portal Ridge subdivision. An undercrossing of Giles Road is proposed. This linkage would allow a large residential area to reach the existing multi-use trail along 96<sup>th</sup> Street and continue south to the West Papio Trail system. The total project cost is \$1,642,000 and would occur over several years following the required federal procurement process. A copy of the MAPA TAP Application Form and a location map are attached. The submittal deadline is January 9, 2015.

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA AUTHORIZING THE SUBMITTAL OF AN APPLICATION TO THE METROPOLITAN AREA PLANNING AGENCY (MAPA) FOR FEDERAL AID FUNDING UNDER THE TRANSPORTATION ALTERNATIVES PROGRAM FOR A MULTI-USE RECREATIONAL TRAIL ALONG APPLEWOOD CREEK FROM THE BNSF RAILROAD PEDESTRIAN UNDERPASS TO THE SOUTH SIDE OF GILES ROAD IN LA VISTA NEBRASKA.

WHEREAS, the City Council of the City of La Vista has determined that said trail improvements are necessary; and

WHEREAS, submittal of an application to MAPA is necessary; and

WHEREAS, funding under this federal aid program would not become available until 2018 or 2019; and

WHEREAS, the project is proposed to be included in the next 1 & 6 Year Road Program update; and

WHEREAS, if the project scores high enough against competing applications and if federal funding is authorized in future years the City's share would be 20 percent of the project and federal aid would provide 80 percent; and

WHEREAS, the City share of the project will need to be considered in future budget years if the application is successful;

NOW, THEREFORE BE IT RESOLVED, by the Mayor and City Council of La Vista, Nebraska, authorizing the submittal of an application to MAPA for federal aid funding under the Transportation Alternatives Program for a Multi-use recreational trail along Applewood Creek from the BNSF railroad pedestrian underpass to the south side of Giles Road in La Vista, Nebraska.

PASSED AND APPROVED THIS 6TH DAY OF JANUARY, 2015.

CITY OF LA VISTA

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Douglas Kindig, Mayor

ATTEST:

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Pamela A. Buethe, CMC  
City Clerk

Metropolitan Area Planning Agency (MAPA)  
**FY2016 Transportation Alternatives Program (TAP) Application**

**General Information**

**Applicant:** City of La Vista  
**Mailing Address:** 9900 Portal Road  
**City:** La Vista      **State:** NE      **Zip Code:** 68128  
**Staff Contact:** John Kottmann      **Phone:** 402-331-8927

**Type of Applicant:** Local Government (City or County)

If "Other", please specify

**Project Information**

**Project Title:** Applewood Creek Trail - BNSF Railroad to Giles Road

**Project Description:** Please provide details about the proposed facility including the project's location, the length of the project, and type of work proposed

See the attached document.

**Please select one of the follow eligible activities that corresponds to the proposed project**

Please Select: **1.1 | Construction of bicycle or pedestrian infrastructure**

**1 Trails & Bicycles**

- 1.1** | Facilities for pedestrians and bicycles including safe routes for non-drivers
- 1.2** | Conversion and use of abandoned railway corridors

**2 Scenic & Historic**

- 2.1** | Construction of turnouts, overlooks, and viewing areas
- 2.2** | Inventory, control, or removal of outdoor advertising
- 2.3** | Historic Preservation and rehabilitation of historic transportation facilities
- 2.4** | Archaeological activities relating to impacts from another eligible activity

**3 Safe Routes to School (SRTS)**

- 3.1** | Infrastructure (sidewalks, trails, signals, addressing K-8 need)
- 3.2** | Non-infrastructure (public awareness, education, training, etc.)

**4 Environmental**

- 4.1** | Vegetation management practices in the transportation right-of-way
- 4.2** | Highway-related stormwater management
- 4.3** | Reduction of vehicle-caused wildlife mortality or restoration of habitat connectivity

## FY2016 Transportation Alternatives Program (TAP) Application

Funds Requested (\$1,000s)	Federal	State	Local	Total
PE/NEPA/Final Design	119		29	148
ROW	10		3	13
Utilities/Construction/CE	1,185		296	1,481
Total	1,314	0	328	1,642

Please identify funding partners contributing non-federal match to the project (letters of support/documentation required)

### Safety & Security

Which of the following facilities (if any) are included in the design of this project?

Bicycle Facilities		Pedestrian Facilities	
Cycletrack(s)	No	Pedestrian Safety Barrier(s)	No
Bike Lane(s) Buffered by Parking	No	Grade Separated Crossing(s)	Yes
Grade-Separated Crossing(s)	Yes	Curb Extensions	No
Bicycle Boulevard Implementation	No	New, Signalized Pedestrian Crossing(s)	No
On-Street Buffered Bike Lane(s)	No	Mid-Block Crossing(s)	Yes
Multi-Use Recreational Trails	Yes	Pedestrian Sidepath(s)	No
New, Signalized Bike Crossing(s)	No	Safe Routes to School Signage	No
Painted Bike Lane(s)	No		
Widened Curb Lane(s)	No		
Painted Sharrows	No		
"Share the Road" Signage	No		
Wayfinding Signage	No		

What is the average speed limit along the project route (in mph)? N/A

### Cultural & Historical Resources

Is this project located within a designated scenic or historic byway corridor? No

If so, has the project been endorsed by appropriate byway board?

Does this project improve or affect any historic transportation facilities? No

If yes, please describe:

### Application Checklist

Please note whether the following items are attached to this application submission

**Complete Transportation Alternatives Program Application** Yes

**Project Locational Map** Yes

Project locational map should show the limits of the project, and the projects relationship to other roadways or transportation facilities.

**Completed DR-530 Form\*** Yes

**Completed DR-53 Form\* (Probable Class of NEPA Action Form)** Yes

**Documentation (Letters of Support) from Funding Partners** No

\* Nebraska projects only, both forms are available from the NDOR at the link below  
<http://www.transportation.nebraska.gov/gov-aff/lpa-guide-man.html>

## Applewood Creek Trail-BNSF

### To Giles Road City of La Vista

#### Project Description

The project proposes a hiking and biking trail along AppleWood Creek that would commence behind the property located at 7602 South 101<sup>st</sup> Street where an existing trail currently ends just west of the pedestrian undercrossing of the BNSF Railroad. The trail would continue westerly and southerly for a distance of 0.6 miles along AppleWood Creek to south side of Giles Road. On the south side of Giles Road it would connect to end of an existing trail located behind 8506 South 102<sup>nd</sup> Street. The project area is identified as the Portal Greenway in the City's Parks & Recreation Master Plan and Capital Improvements Program. The trail is proposed to be paved 10 feet wide and an earth shoulders a minimum of 2 feet wide. A pedestrian bridge is proposed to carry the trail across AppleWood Creek which would be approximately 40 feet long. The trail would cross a local street, Brentwood Drive, at grade with a marked crosswalk and crosswalk signage. The proposal includes taking the trail under Giles Road in 10 feet by 10 feet concrete box culvert and the box culvert would be 160 feet long. There will be significant excavation, relocation of utilities and traffic restrictions on Giles Road to allow crossing one-half of the road at a time. A prior project has preformed stabilization of Applewood Creek in anticipation of this trail being constructed. Much of the tree clearing work was completed with that project but additional clearing of trees will required behind homes along South 101<sup>st</sup> Street north of Brentwood Drive. Some additional clearing may be needed south of Brentwood Drive.

**Applewood Creek Trail - BNSF to Giles Road**

Preliminary Cost Estimate - December 23,2014

<b>Standard Item No.</b>	<b>Item Description</b>	<b>Total Quantity</b>	<b>Unit Price</b>	<b>Amount</b>
	General Clearing and Grubbing	1 L.S.	\$2,200.00	\$2,200.00
	Salvaging and Placing Topsoil	21,000 S.Y.	\$8.20	\$172,200.00
	Earthwork Measured in Embankment	8,000 C.Y.	\$14.85	\$118,800.00
	Remove Ex. Trail	300 S.F.	\$1.20	\$360.00
	6" Concrete Class 47B-3000 Bikeway	3,500 S.Y.	\$28.90	\$101,150.00
	Subgrade Preparation	4,550 S.Y.	\$2.00	\$9,100.00
	Construct Retaining Wall	6,800 S.F.	\$25.00	\$170,000.00
	Construct Channel Bank Lining	15,000 S.F.	\$10.00	\$150,000.00
	Furnish & Install Pedestrian Bridge, 40ft. By 10 ft.	1 L.S.	\$56,100.00	\$56,100.00
	Remove & Replace 9" Pavement, Giles Rd.	350 S.Y.	\$81.00	\$28,350.00
	Remove & Replace Mow Strip Paving	180 S.F.	\$5.00	\$900.00
	Traffic Control, Giles Rd. Half at a Time, 30 days	30 DAY	\$500.00	\$15,000.00
	Construct 10 Ft. by 10 Ft. RCB, Giles Rd. Undercrossing, 160 L.F.	160 L.F.	\$1,100.00	\$176,000.00
	Excavation & Backfill for RCB	3,500 C.Y.	\$21.75	\$76,125.00
	24" White Preformed Pavement Marking, Type 3, Grooved	110 L.F.	\$20.00	\$2,200.00
	Install Traffic Sign and Post	8 EA.	\$264.00	\$2,112.00
	Seeding, Type B	5 AC.	\$810.00	\$4,050.00
	Erosion Control	5,000 S.Y.	\$1.80	\$9,000.00
	Fabric Silt Fence	2,000 L.F.	\$3.20	\$6,400.00
	Construction Costs Subtotal			\$1,100,047.00
	Mobilization, 8% of Subtotal			\$88,003.76
	Contingency, 4%			\$44,001.88
	Construction Costs Total			\$1,232,052.64
	Preliminary Engineering, 10%			\$123,205.26
	NEPA, Lump Sum			\$15,000.00
	Construction Engineering & Contingency, 15%			\$184,807.90
	RC, No reimbursement			\$0.00
	NDOR Project Representative Costs, 1%			\$12,320.53
	NDOR Audit, Lump Sum			\$2,500.00
	NDOR Pre-Bid, Lump Sum			\$10,000.00
	Engineering Costs, Total			\$347,833.69
	ROW.			
	Property Acquisition, Corner of Lot 198 w/Appraisals, Etc.	1 L.S.	\$10,000.00	\$10,000.00
	Contingency, 25%			\$2,500.00
	ROW Total			\$12,500.00
	Estimated Total Project Costs			\$1,592,386.33
	Note: This includes undercrossing of Giles Road with a box culvert, but does not include lighting or other security measures inside the box culvert.			
	Utilities			\$49,282.11
	Relocation, 4% of construction			\$1,641,668.43