

CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
MARCH 6, 2007 AGENDA

Subject:	Type:	Submitted By:
ASSISTANCE FROM THE SAFE ROUTES TO SCHOOL PROGRAM	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JOE SOUCIE PUBLIC WORKS DIRECTOR

SYNOPSIS

The Public Works Department is seeking authorization to apply for assistance from the Safe Routes to School Program for the purpose of purchasing (4) Permanent Driver Feedback Signs and (2) Portable Driver Feedback Signs to improve pedestrian safety in school zones throughout the city.

FISCAL IMPACT

The total project is \$46,925.00. The Safe Routes to School Program will reimburse 90% of the purchase; or \$42,232.50. The City of La Vista will be responsible for 10% of the purchase; or \$4,692.50. The Safe Routes to School Program was offered after the completion of the 2006/07 budget process. Funds have not been specifically provided for the project. The Construction Fund Street Maintenance line item contains adequate funds to cover the purchase until reimbursement by the State of Nebraska.

RECOMMENDATION

Approval

BACKGROUND

The Public Works Department is continually accessing ways to improve pedestrian safety throughout the city. The Driver Feedback Signs are an active radar that displays a vehicle's speed as it approaches the sign. The permanent signs will be installed on 72nd Street in the G. Stanley Hall Elementary School zone and on Giles Road in the La Vista Junior High School and Hickory Hills Elementary School zone. The two Portable Driver Feedback Signs will be used on a rotating basis in the La Vista West, Park View Heights and Portal Elementary School zones. The purpose of the project is to reduce vehicle speed in the above mentioned school zones.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA AUTHORIZING THE PUBLIC WORKS DEPARTMENT TO APPLY FOR ASSISTANCE FROM THE NEBRASKA SAFE ROUTES TO SCHOOL PROGRAM FOR THE PURCHASE OF DRIVER FEEDBACK SIGNS.

WHEREAS, the City Council of the City of La Vista has determined that purchase of Driver Feedback Signs is necessary, and

WHEREAS, the Public Works Department proposed to apply for assistance from the Safe Routes to School Program for the purchase of Driver Feedback Signs, and

WHEREAS, the Public Works Department has available the funds to finance the activity until reimbursed by the Safe Routes to School Program, and the financial capability to operate, maintain, and manage the completed project in a safe and attractive manner for public use; and

WHEREAS, the proposed application and supporting documents were made available for public review at a properly announced meeting of the City Council of the City of La Vista.

NOW, THEREFORE BE IT RESOLVED, by the Mayor and City Council of La Vista, Nebraska, authorize the Public Works Department to apply for assistance from the Nebraska Safe Routes to School Program for the purchase of Driver Feedback Signs.

PASSED AND APPROVED THIS 6TH DAY OF MARCH 2007

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Buethe, CMC
City Clerk

COPY

State of Nebraska
 Department of Roads
Safe Routes to School Program
Infrastructure Project Request (Draft)

1.	APPLICANT NAME: City of La Vista	TYPE OF APPLICANT (Check One):	<input type="checkbox"/> Village	<input checked="" type="checkbox"/> City	<input type="checkbox"/> County	<input type="checkbox"/> School
			<input type="checkbox"/> NRD	<input type="checkbox"/> State	<input type="checkbox"/> School District	<input type="checkbox"/> Other
2.	APPLICANT CONTACT PERSON: Joe Soucie	FAX NUMBER: (402) 331-1051				
	MAILING ADDRESS: <i>(Street)</i> 9900 Portal Road	CITY: La Vista	STATE: NE	ZIP: 68128		
3.	DAYTIME PHONE: (402) 331-8927	E-MAIL: jsoucie@ci.la-vista.ne.us				
4.	CONTACT PERSON: <i>(Print Name & Title)</i> Joe Soucie, Public Works Director	SIGNATURE <i>Joe Soucie</i>	DATE: 1-10-07			
	APPLICANT: <i>(Print Name & Title)</i> Rita Rámirez, Asst. City Administrator	SIGNATURE <i>Rita Rámirez</i>	DATE: 1-10-07			

5.	PROJECT NAME: <i>(Example: Rushville Pedestrian & Bicycle Trail; Hawthorne Elementary School Traffic Diversion Improvement)</i> La Vista Driver Feedback Sign Project					
6.	PROJECT DESCRIPTION/LOCATION: <i>(Include location, work to be performed, and attach map)</i> See Attachment A					
	a) CURRENT WALK/BICYCLE CONDITIONS: See Attachment A					
	b) SCHOOL AND STUDENT DEMOGRAPHICS: See Attachment A					
	c) DESCRIBE HOW THE PROJECT WILL ENABLE & ENCOURAGE K-8 STUDENTS TO WALK AND BICYCLE TO SCHOOL: See Attachment A					
7.	PROJECT COST TOTAL: \$ 46,925 FEDERAL FUNDS REQUESTED: \$ 42,232.50					
8.	ADDITIONAL FUNDS: <i>(If yes, please describe)</i> <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	PERCENTAGE OF TOTAL PROJECT COST: % 10				
9.	PROJECT TYPE:	<input checked="" type="checkbox"/> Traffic Calming or Speed Reduction Improvements <input type="checkbox"/> Pedestrian and bicycle crossing improvements <input type="checkbox"/> Sidewalk improvements <input type="checkbox"/> Off-street bicycle and pedestrian facilities <input type="checkbox"/> Secure bicycle parking facilities <input type="checkbox"/> Traffic diversion improvements in the vicinity of schools				

Attach the following required items:

- Budget
- Map (8 1/2 x 11 only). Maps of some communities may be obtained from the Department of Roads Map Sales at 402-479-4503.

ATTACHMENT "A"

PROJECT DESCRIPTION/LOCATION:

Install a set of permanent Driver Feedback Signs at G. Stanley Hall Elementary School, 7600 S. 72nd Street.

Install a set of permanent Driver Feedback Signs on Giles Road from the 7400 to 8000 block. This stretch of roadway serves Hickory Hills Elementary School, 1307 Rogers Drive and La Vista Junior High School, 7900 Edgewood Boulevard.

Purchase one set of Portable Driver Feedback Signs to be used on a rotational basis at three elementary schools located in residential neighborhoods; La Vista West Elementary School, 7821 Terry Drive; Park View Heights Elementary School, 7609 S. 89th Street; Portal Elementary School, 9920 Brentwood Drive.

a) CURRENT WALK/BICYCLE CONDITIONS:

72nd Street – 4-lane urban design, major arterial, sidewalks on both sides of the street. Average Daily Traffic volume is 44,413 vehicles per day. The posted speed limit is 35 mph; school zone speed limit is 15 mph. Elevated pedestrian overpass available for crossing 72nd Street.

Giles Road – 4-lane urban design, major arterial, sidewalks on both sides of the street. Average Daily Traffic volume is 17,397 vehicles per day. The posted speed limit is 35 mph; school zone speed limit is 15 mph. At-grade signalized pedestrian crossing available for crossing Giles Road.

The posted speed limit for the three elementary schools located in residential areas is 25 mph; the school zone speed limit is 15 mph. 2-lane urban design with sidewalks on both sides. Parking is permitted on one side of the street. The average daily traffic count in front of the three schools is 697 vehicles per day.

Traffic counts on 72nd Street and Giles Road are only going to increase in future years with the current commercial development on 72nd Street south of Giles Road. This includes the recently completed Market Pointe Development on the southeast corner of 72nd and Giles Road, Settlers Creek Development the northeast corner of 72nd Street and Cornhusker Road and the Shadow Lake Mall at 72nd Street and Highway 370. A traffic study was completed for the City of Papillion in conjunction with the Market Pointe Development at 72nd Street and Giles Road.

b) SCHOOL AND STUDENT DEMOGRAPHICS:

	G. Stanley Elementary	Hickory Hill Elementary	La Vista Jr. High	La Vista West Elem.	Park View Heights Elem.	Portal Elementary
School Grade Level	K-6	K-6	7-8	K-6	K-6	K-6
School Enrollment Data	375	364	682	305	349	348
Distance Eligibility for Busing in Miles	4	4	4	4	4	4*
Number of Students who Walk to School	40%	62%	35%	65%	55%	28%
Number of Students who Bike to School	10%	3%	5%	5%	5%	4%
Number of Students who are Driven to School	50%	24%	60%	30%	40%	35%
Number of Students who are Eligible for Busing	0%	11%	0%	0%	0%	33%
Number of Students Living Within Two Miles	100%	89%	100%	100%	100%	100%

* Students that cross a major arterial street are eligible for busing regardless of distance from school.

c) DESCRIBE HOW THE PROJECT WILL ENABLE & ENCOURAGE K-8 STUDENTS TO WALK AND BICYCLE TO SCHOOL:

The goal of this project is to create speed reduction improvements that will encourage more students to walk or bike to school.

Engineering – Installation of operational improvements to the infrastructure surrounding the schools that reduce speeds and potential conflicts with motor vehicle traffic.

Encouragement – The City of La Vista is a member of ACT!vate Omaha. ACT!vate Omaha is a community-wide initiative that aims to encourage all Omahans to be active as part of daily living. In addition to marketing efforts to remind people of the importance of daily physical activity, ACT!vate Omaha supports and encourages changes in urban design, land use, and transportation policies to cultivate and support active living, a way of life that integrates physical activity into daily routines.

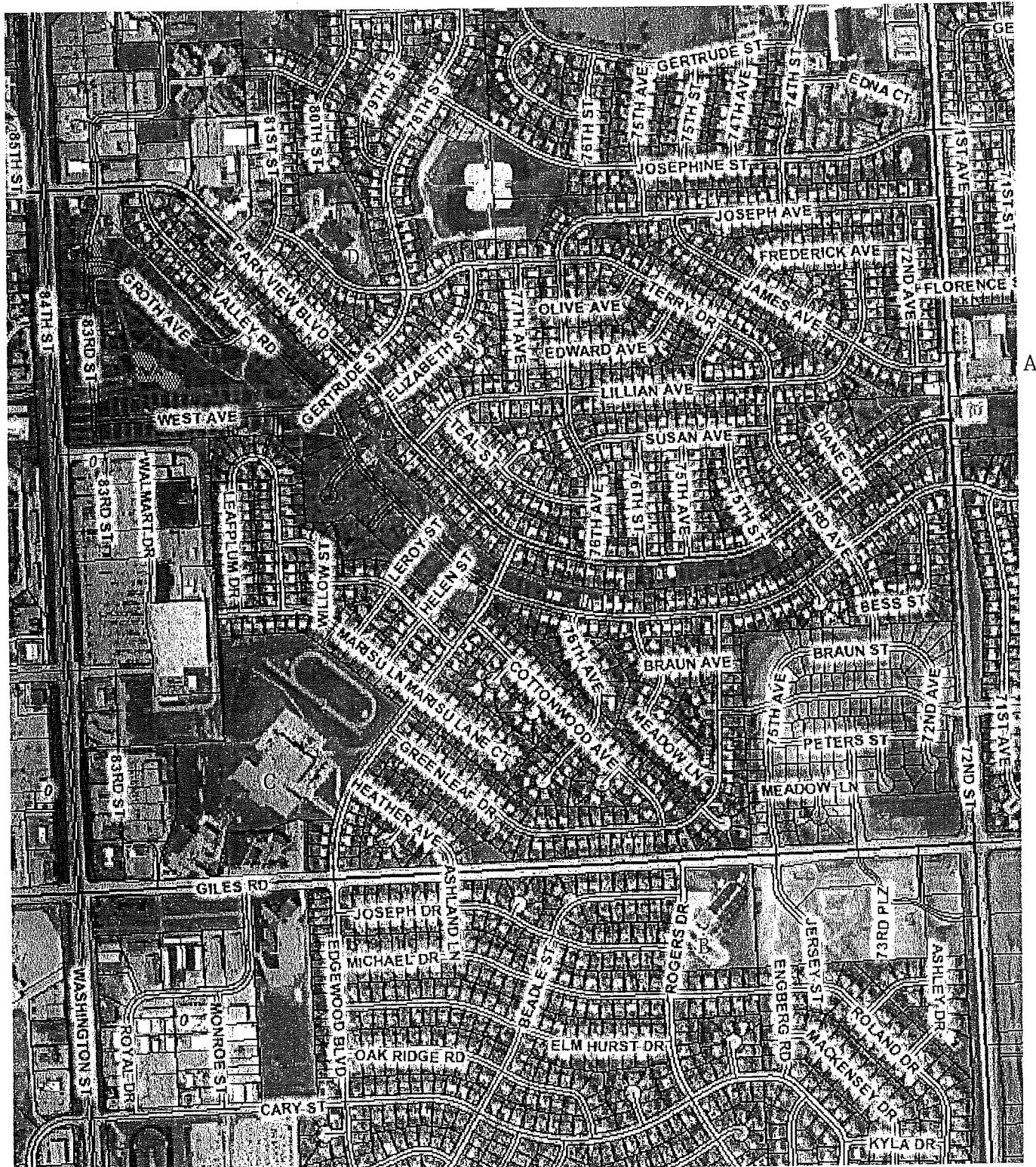
Enforcement – The City of La Vista Police Department has a regular presence in school zones and conducts selective enforcement at different intervals throughout the school year. Each school in the district has their own crossing guard program. The schools also have police resource officers that visit the crossing locations.

Evaluation – The City of La Vista possesses the equipment capable of recording traffic count and speed data electronically. The field information is downloaded into traffic management software. Collection of data will be taken before and after intervention. Traffic count and speed data is currently collected on 72nd Street and Giles Road annually.

The City of La Vista has a full time Sign/Signal & Pavement Marking Division that is capable of operating and maintaining the Driver Feedback Signs. There is no right-of-way issues associated with this project. Power is available at the four locations for the permanent driver feedback signs. This project can be completed in 45 days and started immediately.

LA VISTA DRIVER FEEDBACK SIGN PROJECT
INFRASTRUCTURE PROJECT ESTIMATE

<u>CONSTRUCTION COSTS</u>	
Item	Unit
Driver Feedback Signs 24 x 30	No. Req'd
Installation/Electrical Hookup	Unit Cost
	Cost
CONSTRUCTION COSTS SUBTOTAL	\$24,100.00
No Mobilization	
<u>CONSTRUCTION COSTS TOTAL</u>	
<u>ENGINEERING COSTS</u>	
Preliminary Engineering	10%
Construction Engineering/Contingency	14%
NDOR Project Representative Costs	1%
ENGINEERING COSTS TOTAL	\$ 30,125.00
<u>ENGINEERING & CONSTRUCTION SUBTOTAL</u>	
<u>EQUIPMENT PURCHASE</u>	
Portable/Solar Driver Feedback Signs	Unit
	Ea.
	2
	No. Req'd
	Unit Cost
	Cost
	\$ 2,410.00
	\$ 3,374.00
	\$ 241.00
	\$ 6,025.00
	\$ 16,800.00
	\$ 46,925.00
<u>TOTAL PROJECT COSTS</u> Construction + Engineering + Equipment	
<u>FUNDING REQUEST</u>	
City of La Vista	\$ 4,692.50
Federal Funding Requested	\$ 42,232.50
	10%
	90%



- A - G. Stanley Hall Elementary
- B - Hickory Hills Elementary
- C - La Vista Jr. High School
- D - La Vista West Elementary



E - Parkview Heights Elementary
F - Portal Elementary