

AGENDA ITEM 4B

Discussion—Arterial Street Improvement Program (ASIP)

Memorandum



To: Planning Commission
From: John Kottmann, City Engineer
Date: 5/8/2014
Re: Arterial Street Improvement Program (ASIP)

BACKGROUND

In 2004 a study was done by HDR of roadway needs in Douglas and Sarpy Counties. This study concluded that there was a need for \$30 million per year in 2004 dollars growing to \$42 million per year by 2025. This study had many assumptions and generalizations that could be debated but it is clear that funding falls far short of the needs if growth and development is to continue in the Omaha metro area. The base level of federal funding to the MAPA region is \$13 million per year for transportation projects. For several reasons this funding is not expected to increase and federal policies will prioritize this money for multimodal and environmental justice corridors rather than suburban development. Local sources of funds will be required in order to address roadway needs. Omaha and Douglas County implemented an Arterial Street Improvement Program (ASIP) in 2006.

Within Sarpy County, the Sarpy County Board is currently very close to enacting this program, and the city of Papillion has indicated a desire to adopt it as well. Other communities in Sarpy County are less interested.

The program that is presented for discussion is the same as that being considered by Papillion. The fees proposed are the same as proposed for Sarpy County and Papillion. These were set to be very close to those being charged by Douglas County and the city of Omaha except that a lower fee is proposed for non-retail commercial and industrial development.

A more detailed report will be presented during the Planning Commission meeting.

CITY OF LA VISTA ARTERIAL STREET IMPROVEMENT PROGRAM



MAY 6, 2014 COUNCIL MEETING



Transportation Funding

THE FUNDING CHALLENGES

HDR STUDY IN 2004-DOUGLAS & SARPY COUNTIES ADDITIONAL FUNDING NEEDS (OPERATION, MAINTENANCE & CONSTRUCTION)	\$30 MILLION/YR (2004) \$42 MILLION/YR (2025)
MAPA FEDERAL STP ALLOCATION INFLATES AT 3% PER YEAR FROM 2014	\$13 MILLION/YR
MAPA 2015 TO 2020 TRANS. IMPR. PLAN (ESTIMATE OF REVENUE AT CURRENT LEVELS)	\$167 MILLION IN PLAN \$ 87 MILLION IN REVENUE
FEDERAL FUND PRIORITIES IN THE FUTURE	TRANSIT CORRIDORS ENV. JUSTICE AREAS
HIGHWAY TRUST FUND	RUNS DRY SEPT. 2014



Transportation Funding



LOCAL FUNDING OPTIONS

- DEVELOPER CONTRIBUTIONS (ASIP OR SIMILAR FEES)
- LOCAL OPTION SALES TAX
- OCCUPATION TAX
- STATE HWY. ALLOCATION FUND (STATE OR LOCAL FUEL TAX)

ASIP Fee Option

BACKGROUND COMMENTS

- CITY OF LINCOLN HAS IMPACT FEES FOR ARTERIAL STREETS
- OMAHA & DOUGLAS COUNTY ADOPTED ASIP IN 2005/2006
(OMAHA DOES NOT APPLY IN CITY LIMITS)
- SARPY COUNTY IS CURRENTLY PROCEEDING TO ADOPT ASIP
- PAPILLION IS CURRENTLY CONSIDERING ADOPTION OF ASIP



Board of Public Roads Classifications and Standards
Form 11 Report of Previous Year
Highway or Street Improvement

Year Ending

2013

Sheet

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of

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COUNTY:	CITY: LA VISTA	VILLAGE:		
PROJECT NUMBER & DESCRIPTION	LENGTH Nearest Tenth (MILES)	PROJECTED COST (THOUSANDS)	CONTRACT PROJECT	DATE COMPLETED (ACTUAL OR ESTIMATED)
M376 (190) Intersection of 132nd Street and West Giles Road Short Term Road Improvements	0.20	2,900.0	YES	IN PROGRESS
M376 (195) Quiet Zone (At 130th Street and West Giles Road.; 126th Street South of West Giles Road; 132nd Street South of Centech Road) Railroad Crossing Quiet Zone Improvements	0.50	159.9	Yes	Completed November 2013
M376 (176) Intersection of Lillian Avenue and James Avenue Reconstruct Intersection	0.01	108.0	Yes	Completed October 2013
M376 (206) Storm Sewer Inlet Top Repair (72nd Street, 96th Street, Harrison Street, Giles Road) Replace Damaged and Deteriorated Storm Inlet Tops	0.02	55.0	Yes	Completed August 2013
M376 (215) 120th Street and Giles Road Install Traffic Signal And Additional Turn Bays	0.01	280.0	Yes	In Progress
M376 (209) Giles Road Traffic Signal Coordination (From Interstate 80 to 108 th Street) Engineering for the Interconnection of the Traffic Signals from Interstate 80 to 108 th Street	1.00	16.3	Yes	Completed March 2013
M376 (209) Giles Road Traffic Signal Coordination (From Interstate 80 to 108 th Street) Construction to Interconnect the Traffic Signals from Interstate 80 to 108 th Street	1.00	81.3	Yes	Completed December 2013
SIGNATURE:	TITLE: STREET SUPERINTENDENT (S-1046)			DATE: 03/04/2014

Board of Public Roads Classifications and Standards
Form 11 Report of Previous Year
Highway or Street Improvement

Year Ending

2013

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COUNTY:	CITY:	LA VISTA			VILLAGE:
PROJECT NUMBER & DESCRIPTION		LENGTH Nearest Tenth (MILES)	PROJECTED COST (THOUSANDS)	CONTRACT PROJECT	DATE COMPLETED (ACTUAL OR ESTIMATED)
	M376 (203) 103rd Street and Giles Road Install Storm Inlets on Both Sides of Giles Road	0.01	20.0	Yes	Completed July 2013
	M376 (189) 66th Street (Harrison Street to Giles Road) and Giles Road (66th Street to 69th Street) Short term repairs. Engineering for the Reconstruction of Giles Road and 66 th Street.	1.30	100.0 <hr/> 75.0 175.0	YES	IN PROGRESS
	M376 (177) Lillian Avenue (James Avenue to Terry Drive) Replace Concrete Panels in Various Locations	0.12	123.0	Yes	Completed October 2013
	M376 (184) Park View Boulevard (87 th Street to Thornapple Lane) 89th Street (Park View Boulevard to Granville Parkway.) 88th Street (Park View Boulevard to Granville Parkway) Replace Concrete Panels in Various Locations	0.50	111.0		Deleted
	M376 (219) Giles Road (Harrison Street to Interstate 80) Asphalt Overlay	0.29	317.0	Yes	Delayed to 2017
SIGNATURE:	TITLE:	STREET SUPERINTENDENT (S-1046)			DATE: 03/04/2014

Board of Public Roads Classifications and Standards
Summary of Six- Year Plan
Six-Year Period Ending – 2019

COUNTY:		CITY:	VILLAGE:		
LA VISTA					
PROJECT YEAR	PRIORITY NUMBER	PROJECT NUMBER	PROJECT DESCRIPTION	LENGTH Nearest Tenth (MILES)	ESTIMATED COST (THOUSANDS)
2014	1	M376 (190)	Intersection of 132nd Street and West Giles Road Short Term Road Improvements	0.20	2,900.0
2014	2	M376 (224)	Intersection of Eastport Parkway and Harrison Street Install Traffic Signal at Intersection	0.01	150.0
2014	3	M376 (215)	120th Street and Giles Road Install Traffic Signal And Add Additional Turn Bays	0.01	240.0
2014	4	M376 (225)	West Papio Trail (90th Street to Giles Road) Extend Trail Along West Papio Creek	1.50	885.0
2015	5	M376 (189)	66th Street (Harrison Street to Giles Road) and Giles Road (66 th Street to 69 th Street) Short Term Repairs Engineering for the Reconstruction of Giles Road and 66 th Street	1.30	100.0 <hr/> 75.0 <hr/> 175.0
2015	6	M376 (220)	84th Street (From Harrison Street to Giles Road) Adaptive Traffic Signals	1.00	37.5
2015	7	M376 (222)	Intersection of 96th Street and Robin Plaza Install Traffic Signals at Intersection	0.01	150.0
SIGNATURE:			TITLE:	DATE:	
			STREET SUPERINTENDENT (S-1046)	03/04/2014	

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2016	8	M376 (189)	66th Street (Harrison Street to Giles Road) and Giles Road (66 th Street to 69 th Street) Engineering for the Reconstruction of Giles Road and 66 th Street Continued	1.30	250.0
2017	9	M376 (202)	Harrison Street Bridge (At Approximately 92 nd Street) Concrete Bridge Repair	0.02	115.0
2017	10	M376 (201)	Harrison Street (La Vista Drive to Interstate 80 Right of Way) Replace Concrete Panels in Various Locations	2.80	300.0
2017	11	M376 (219)	Giles Road (Harrison Street to Interstate 80) Asphalt Overlay	0.29	317.0
2018	12	M376 (228)	East La Vista (From Harrison Street to Thompson Creek; 69 th Street to 72 nd Street) Mill Off Existing Asphalt Overlays Adjust Manholes Asphalt Driveway Approaches	2.56	200.0
2019	13	M376 (211)	132nd Street and West Giles Road Overpass Preliminary Design and Right of Way Acquisition for Long Term Improvements Including New Bridge Over Creek and Railroad Tracks	0.20	2,500.0
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PROJECT YEAR	PRIORITY NUMBER	PROJECT NUMBER	PROJECT DESCRIPTION	LENGTH Nearest Tenth (MILES)	ESTIMATED COST (THOUSANDS)
2019	14	M376 (191)	132nd Street and West Giles Road Overpass Long Term Improvements Including New Bridge Over Creek and Railroad Tracks	0.20	9,200.0
2019	15	M376 (217)	84th Street (Harrison Street to Giles Road) 4" Bonded Concrete Overlay	1.00	1,000.0
2019	16	M376 (226)	Park View Boulevard (72 nd Street to 84 th Street) 78th Street (Harrison Street to Park View Boulevard) Edgewood Boulevard (Giles Road to Park View Boulevard) Asphalt Microsurfacing	2.16	345.0
2019	17	M376 (227)	Park View Boulevard (86 th Street to Thornapple Lane) 89th Street (Valley View Drive to Granville Parkway) 88th Street (Park View Boulevard to Granville Parkway) 87th Street (Giles Road to Bayberry Road) Granville Parkway (Brentwood Drive to Elm Drive) Plaza Boulevard (Harrison Street to 85 th Street) 86th Street (Park View Boulevard to Plaza Boulevard) Valley View Drive (Park View Boulevard to Elm Drive) Replace Concrete Panels in Various Locations	1.50	300.0
2019	18	M376 (229)	Storm Sewer Inlet Top Repair (72nd Street, 96th Street, Harrison Street, Giles Road) Replace Damaged and Deteriorated Storm Inlet Tops	0.02	75.0
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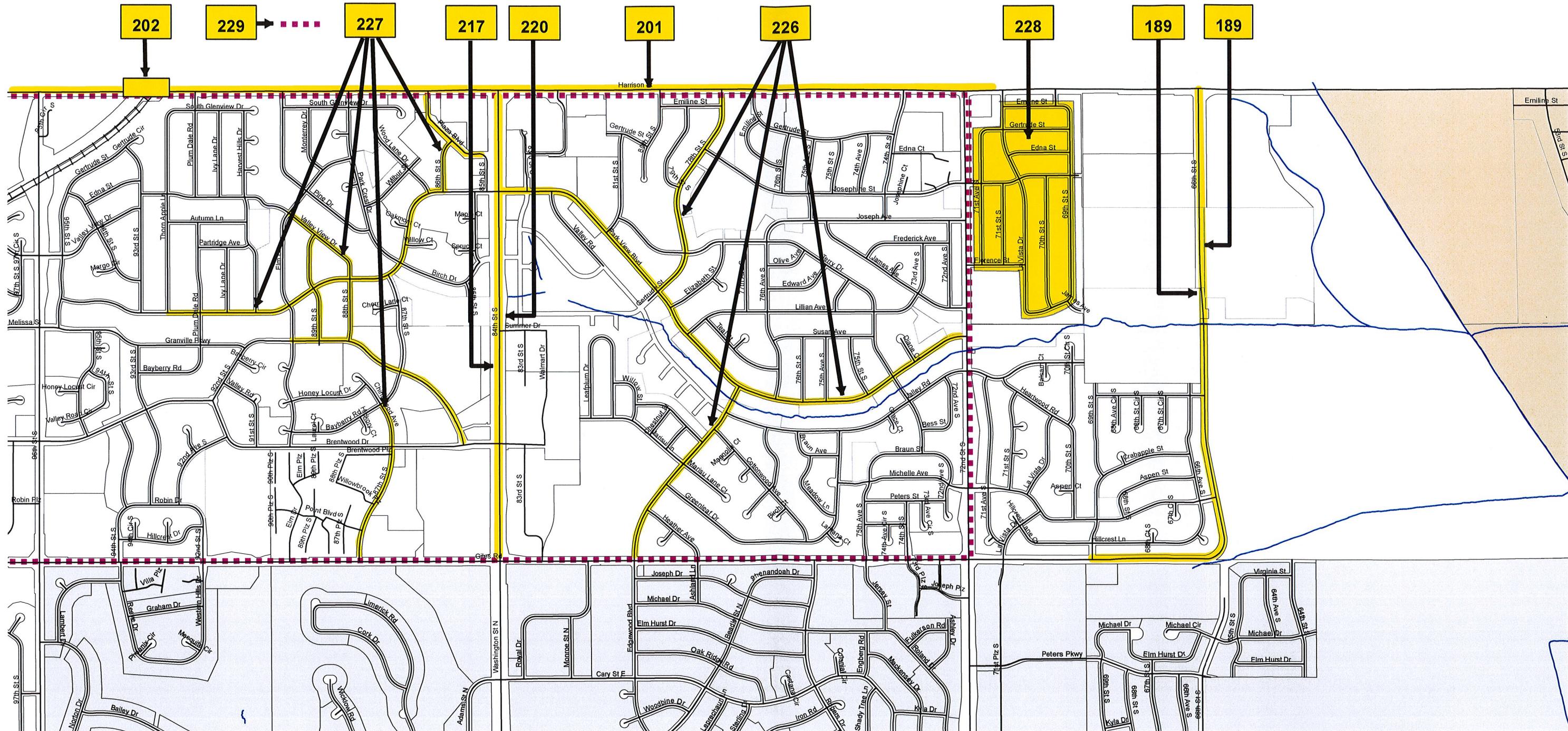
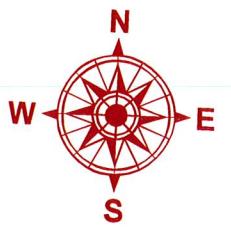
COUNTY:		CITY:		VILLAGE:	
PROJECT YEAR	PRIORITY NUMBER	PROJECT NUMBER	PROJECT DESCRIPTION	LENGTH Nearest Tenth (MILES)	ESTIMATED COST (THOUSANDS)
THE PROJECTS LISTED BELOW HAVE BEEN DELETED FROM THE SIX- YEAR PLAN					
DELETED		M376 (204)	Island Removal – Phase I (Aspen Court, Hillcrest Lane Court, Primrose Circle, Crabapple Court, Wildwood Court, Michelle Circle, Oakmont Court) Remove Islands and Pave with Concrete	0.02	208.0
DELETED		M376 (184)	Park View Boulevard (87 th Street to Thornapple Lane) 89th Street (Park View Boulevard to Granville Parkway.) 88th Street (Park View Boulevard to Granville Parkway) Replace Concrete Panels in Various Locations	0.50	111.0
DELETED		M376 (188)	87th Street (Giles Road to Bayberry Road) 87th Street (Park View Boulevard to Granville Parkway) Granville Parkway (Brentwood Drive to Elm Drive) Replace Concrete Panels in Various Locations	0.51	135.0
DELETED		M376 (185)	Plaza Boulevard (Harrison Street to 85 th Street) 86th Street (Park View Boulevard to Plaza Boulevard) Valley View Drive (Park View Boulevard to Elm Drive) 89th Street (Park View Boulevard to Valley View Drive) Replace Concrete Panels in Various Locations	0.50	111.0
SIGNATURE:		TITLE:		DATE:	
		STREET SUPERINTENDENT (S-1046)		03/04/2014	

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DELETED		M376 (208)		Crestview Heights (From Harrison Street to Josephine Street, 74 th Street to Gertrude Street) Repair Concrete Panels in Various Locations	
DELETED		M376 (210)		107th Street and Giles Road Install Traffic Signal	
DELETED		M376 (207)		84th Street and Summer Drive Reconstruct West Leg of Intersection to Allow for Westbound Travel	
DELETED		M376 (223)		East La Vista (From Harrison Street to Thompson Creek; 69 th Street to 72 nd Street) 3" Concrete Overlay; Replace Drive Approaches; Replace Sanitary Sewer System	
DELETED		M376 (213)		72nd Street (Valley Road to Harrison Street) Feasibility Study for Road Improvements on 72nd Street Including Both Right and Left Turn Lanes	
DELETED		M376 (205)		Island Removal – Phase II (Diane Court, Ava Court, Susan Court, South Glenview Drive, Redwood Court, Walnut Court, Maple Court, Spruce Court) Remove Islands and Pave with Concrete. Relocate Fire Hydrants	
DELETED		M376 (216)		72nd Street (Valley Road to Giles Road) Replace Concrete Panels in Various Locations	
DELETED		M376 (218)		Various Locations Bridge Approach Slab Repairs; Bridge Expansion Joint Repairs; Bridge Guardrail Repairs	
SIGNATURE:			TITLE:	DATE:	
			STREET SUPERINTENDENT (S-1046)	03/04/2014	

City of La Vista

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City of La Vista

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