



CITY COUNCIL AGENDA ITEM

July 13, 2011

To: John Szerlag, City Manager

From: Susan A. Leirstein, Purchasing Director
Timothy L. Richnak, Public Works Director

Subject: Standard Purchasing Resolution 1: Award To Low Bidder – Concrete Pavement Repair Program

Background

On July 7, 2011, bids were received to complete the Concrete Pavement Repair Program for fiscal year 2011/12 with an option to renew for two (2) additional one (1) year periods. (221) vendors were notified of the bid opportunity via the MITN system with eight (8) bid responses received, as well as one (1) statement of no bid. Dilisio Contracting Inc of Clinton Township, MI, was the low total bidder for Proposals A- local roads, B- major roads and C- tri-party repair. Moving this work forward improves public safety and reduces the City's liability. Additional locations may be added based on the scope of work up to, but not exceeding amounts budgeted.

ITB-COT 11-15 to complete the Concrete Pavement Repair Program was competitively bid as required by City Charter and Code. The award is contingent upon the recommended bidder's submission of properly executed contracts and bid documents, including bonds with two-year maintenance, insurance certificates and all other specified requirements.

Recommendation

City management recommends awarding a contract to complete the Concrete Pavement Repair Program for FY2011/12 to the low total bidder, Dilisio Contracting Inc of Clinton Township, MI for an estimated total cost of \$2,136,250.00 for proposal A, \$910,960.00 for proposal B and \$232,110.00 for proposal C at unit prices contained in the bid tabulation with all work not to exceed budgetary limitations.

Fund Availability

Funds are available in the 2011/12 capital budget under Public Works Major and Local Roads Concrete Slab Replacement and the Tri-Party Concrete Pavement Repair accounts.

Prepared by: Marina Basta-Farouk, Project Construction Manager

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VENDOR NAME:

	**	Dilisio	Hard Rock	Flore	Florence Cement
		Contracting Inc.	Concrete, Inc.	Enterprises, LLC	Company
Ck Number		9094906211	530622609-2	362775	000325216
Ck Amount		\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00

Proposal A: Local Road Maintenance Section 5, 14, 19, 20, 30, 36 and scattered locations

NO.	DESCRIPTION	EST. QTY.	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE
1	Remove & Replace with Concrete 9" Non-reinforced-	1,000 S.Y.	\$37.25	\$33.00	\$33.50	\$40.00
2	Remove & Replace with Concrete 8" Non-reinforced-	5,000 S.Y.	\$33.40	\$32.00	\$31.50	\$36.75
3	Remove & Replace with Concrete 7" Non-reinforced-	64,000 SY	\$29.55	\$30.00	\$29.50	\$34.75
4	Remove & Replace with Concrete Sidewalk/ Driveway 6" Non-reinforced (Locations not	100 S.F.	\$4.00	\$4.00	\$4.00	\$5.00
5	Remove & Replace with Concrete Sidewalk/ 4" Non-reinforced (Locations not specified)	100 S.F.	\$4.00	\$3.50	\$3.50	\$5.00
6	Remove Concrete and rplc with topsoil/seed	300 S.F.	\$1.00	\$0.50	\$1.25	\$2.00
7	Structure Cover, (Adjustment)	20 each	\$150.00	\$150.00	\$150.00	\$200.00
8	Structure Cover, Adj, Add Depth (Reconst)	10 L.F.	\$150.00	\$150.00	\$100.00	\$200.00
9	Misc. Base Repair per CY to excavate/replace with 21AA Limestone, compacted in place	2,600 C.Y.	\$9.00	\$1.00	\$15.30	\$13.50
10	Installation of 6" edge drain	200 L.F.	\$7.00	\$6.00	\$7.50	\$8.00
11	Remove and Replace Curb & Gutter	200 L.F.	\$18.00	\$18.00	\$20.00	\$25.00
12	Sidewalk Ramp, ADA, Modified w/Inserts	6,000 S.F.	\$1.00	\$6.00	\$6.50	\$7.50
13	Sidewalk Ramp, Detectable Warning, Retrofit,	100 S.F.	\$8.00	\$8.00	\$20.00	\$25.00
14	Restoration	Included	Included	Included	Included	Included
15	Traffic Maintenance	Included	Included	Included	Included	Included
Estimated Total Cost – Proposal A			\$2,136,250.00	\$2,162,600.00	\$2,170,405.00	\$2,544,550.00

Proposal B: Major Road Maintenance - Rochester Road and Scattered Locations

NO.	DESCRIPTION	EST. QTY.	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE
1	Remove & Replace with Concrete 9" Non-reinforced- 6 Sac	22,000 SY	\$39.65	\$42.00	\$41.75	\$44.80
2	Remove & Replace with Concrete 8" Non-reinforced-	200 S.Y.	\$39.65	\$36.00	\$35.97	\$44.00
3	Remove & Replace with Concrete 7" Non-reinforced-	200 S.Y.	\$39.65	\$32.00	\$33.25	\$43.00
4	Remove & Replace with Concrete Sidewalk/ Driveway 6" Non-reinforced (Locations not	200 S.F.	\$4.00	\$5.00	\$4.00	\$5.00
5	Remove & Replace with Concrete Sidewalk/ 4" Non-reinforced (Locations not specified)	100 S.F.	\$4.00	\$4.00	\$3.50	\$5.00
6	Remove Concrete and rplc with topsoil/seed	100 S.F.	\$3.00	\$1.25	\$1.25	\$2.00
7	Structure Cover, (Adjustment)	5 each	\$200.00	\$150.00	\$200.00	\$200.00
8	Structure Cover, Adj, Add Depth (Reconst)	10 L.F.	\$200.00	\$150.00	\$125.00	\$200.00
9	Misc. Base Repair per CY to excavate/replace with 21AA Limestone, compacted in place	600 C.Y.	\$18.00	\$12.00	\$15.30	\$13.50
10	Installation of 6" edge drain	100 L.F.	\$7.00	\$6.00	\$7.50	\$8.00
11	Remove and Replace Curb & Gutter	100 L.F.	\$20.00	\$18.00	\$20.00	\$25.00
12	Sidewalk Ramp, ADA, Modified w/Inserts	500 S.F.	\$8.00	\$6.00	\$6.50	\$7.50
13	Sidewalk Ramp, Detectable Warning, Retrofit,	100 S.F.	\$8.00	\$8.00	\$15.00	\$25.00
14	Restoration	Included	Included	Included	Included	Included
15	Traffic Maintenance	Included	Included	Included	Included	Included
Estimated Total Cost – Proposal B			\$910,960.00	\$954,775.00	\$952,549.00	\$1,025,350.00

VENDOR NAME:

**	Dilisio	Hard Rock	Fiore	Florence Cement
	Contracting Inc	Concrete, Inc.	Enterprises, LLC	Company

Proposal C: Tri Party Concrete Repair - Big Beaver, John R, Crooks and Scattered Locations						
NO.	DESCRIPTION	EST. QTY.	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE
1	Remove & Replace with Concrete 10" Non-reinforced-	2.000 SY	\$40.65	\$45.00	\$45.00	\$55.50
2	Remove & Replace with Concrete 9" Non-reinforced-	3.000 S.Y.	\$39.65	\$43.00	\$43.00	\$48.75
3	Remove & Replace with Concrete 8" Non-reinforced-	200 S.Y.	\$39.65	\$46.00	\$39.75	\$44.00
4	Remove & Replace with Concrete 7" Non-reinforced-	200 S.Y.	\$39.65	\$44.00	\$36.50	\$43.00
5	Remove & Replace with Concrete Sidewalk/ Driveway 6" Non-reinforced (Locations not	50 S.F.	\$4.00	\$4.00	\$4.00	\$5.00
6	Remove & Replace with Concrete Sidewalk/ 4" Non-reinforced (Locations not specified)	50 S.F.	\$4.00	\$4.00	\$4.00	\$5.00
7	Remove Concrete and rplc with topsoil/seed	100 S.F.	\$3.00	\$1.25	\$2.50	\$2.00
8	Structure Cover, (Adjustment)	2 each	\$200.00	\$150.00	\$150.00	\$200.00
9	Structure Cover, Adj, Add Depth (Reconst)	10 L.F.	\$200.00	\$150.00	\$125.00	\$200.00
10	Misc. Base Repair per CY to excavate/replace with 21AA Limestone, compacted in place	300 C.Y.	\$18.00	\$12.00	\$15.30	\$13.50
11	Installation of 6" edge drain	100 L.F.	\$7.00	\$6.00	\$7.50	\$8.00
12	Remove and Replace Curb & Gutter	100 L.F.	\$20.00	\$18.00	\$20.00	\$25.00
13	Sidewalk Ramp, ADA, Modified w/Inserts	500 S.F.	\$8.00	\$6.00	\$7.50	\$7.50
14	Sidewalk Ramp, Detectable Warning, Retrofit,	100 S.F.	\$8.00	\$8.00	\$15.00	\$25.00
15	Restoration	Included	Included	Included	Included	Included
16	Traffic Maintenance	Included	Included	Included	Included	Included
Estimated Total Cost - Proposal C			\$232,110.00	\$249,125.00	\$249,040.00	\$291,350.00

PROGRESS PAYMENTS:

Monthly	Bi-weekly	Every two weeks	Bi-weekly
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CONTACT INFORMATION

Hrs of Oper.
Phone

8AM-5PM	8AM-8PM M-Sat	7AM-5PM	Michael Pittiglio
(586) 405-4578	(734) 641-3333	(586) 915-0417	(810) 560-4141

AWARD

100% of Contract

Partial Contract: Proposal A
 Proposal B
 Proposal C

X	X	X	X
X		X	
X		X	
X		X	

COMPLETION SCHEDULE:

BY JUNE 30th OF ANY CONTRACT YEAR

INSURANCE:

Can Meet
 Cannot Meet

XX	XX	XX	XX
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PAYMENT TERMS:

Monthly	Bi-weekly	Every 2 weeks	Bi-weekly
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WARRANTY:

1 year	As stated in contract	Maintenance Bond	1 yr Maint Bond
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ALL OR NONE-AWARD

Y or N

N	N	N	N
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EXCEPTIONS:

N/A	Blank	Blank	Blank
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ACKNOWLEDGEMENT:

Y or N

Y	Y	Y	Y
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VENDOR QUESTIONNAIRE

Y or N

Y	Y	Y	Y
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FORMS:

Legal Staus of Bidder
 Non-Collusion Affidavit

Y or N
 Y or N

Y	Y	Y	Y
Y	Y	Y	Y

NO BID: Carlo Construction, Inc.

****BOLDFACE TYPE DENOTES LOW TOTAL BIDDER**

ATTEST:

Marina Basta-Farouk

Tom Rosewarne

Diane Fisher

Julie Hamilton

G: ITB-COT 11-15 Concrete Pavement Repair

PROPOSAL: City of Troy Concrete Pavement Repair Program for Local and Major Roads with an Option to Renew for Two (2) Additional One Year Periods

Susan Leirstein CPPO CPPB
 Purchasing Director

Opening Date -- 07/07/11
 Date Reviewed -- 7/13/11

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VENDOR NAME:

	Tony Angelo	Dominic Gaglio	Lacaria Concrete/ Sand A Construction	Major Cement Company
	Cement Construction	Construction, Inc.		
Ck Number	4313100100	18382662	18384356 & 530297	000331667
Ck Amount	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00

Proposal A: Local Road Maintenance Section 5, 14, 19, 20, 30, 36 and scattered locations

NO.	DESCRIPTION	EST. QTY.	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	
1	Remove & Replace with Concrete 9" Non-reinforced-	1,000 S.Y.	\$43.00	\$37.00	\$34.50	No Bid
2	Remove & Replace with Concrete 8" Non-reinforced-	5,000 S.Y.	\$39.00	\$36.50	\$33.50	No Bid
3	Remove & Replace with Concrete 7" Non-reinforced-	64,000 SY	\$38.50	\$36.80	\$31.50	No Bid
4	Remove & Replace with Concrete Sidewalk/ Driveway 6" Non-reinforced (Locations not	100 S.F.	\$6.50	\$4.00	\$3.10	No Bid
5	Remove & Replace with Concrete Sidewalk/ 4" Non-reinforced (Locations not specified)	100 S.F.	\$6.00	\$3.85	\$2.75	No Bid
6	Remove Concrete and rplc with topsoil/seed	300 S.F.	\$1.50	\$2.00	\$3.00	No Bid
7	Structure Cover, (Adjustment)	20 each	\$150.00	\$210.00	\$175.00	No Bid
8	Structure Cover, Adj, Add Depth (Reconst)	10 L.F.	\$150.00	\$150.00	\$175.00	No Bid
9	Misc. Base Repair per CY to excavate/replace with 21AA Limestone, compacted in place	2,600 C.Y.	\$31.00	\$12.00	\$10.00	No Bid
10	Installation of 6" edge drain	200 L.F.	\$11.00	\$15.00	\$6.00	No Bid
11	Remove and Replace Curb & Gutter	200 L.F.	\$25.00	\$25.00	\$18.00	No Bid
12	Sidewalk Ramp, ADA, Modified w/Inserts	6,000 S.F.	\$9.00	\$6.00	\$4.75	No Bid
13	Sidewalk Ramp, Detectable Warning, Retrofit,	100 S.F.	\$10.00	\$10.00	\$20.00	No Bid
14	Restoration	Included	Included	Included	Included	Included
15	Traffic Maintenance	Included	Included	Included	Included	Included
Estimated Total Cost – Proposal A			\$2,851,000.00	\$2,657,985.00	\$2,286,035.00	No Bid
					Amount Corrected	

Proposal B: Major Road Maintenance - Rochester Road and Scattered Locations

NO.	DESCRIPTION	EST. QTY.	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE
1	Remove & Replace with Concrete 9" Non-reinforced- 6 Sac	22,000 SY	\$44.00	\$45.50	No Bid	\$42.20
2	Remove & Replace with Concrete 8" Non-reinforced-	200 S.Y.	\$40.00	\$42.00	No Bid	\$32.00
3	Remove & Replace with Concrete 7" Non-reinforced-	200 S.Y.	\$38.00	\$41.00	No Bid	\$31.00
4	Remove & Replace with Concrete Sidewalk/ Driveway 6" Non-reinforced (Locations not	200 S.F.	\$6.50	\$4.15	No Bid	\$4.00
5	Remove & Replace with Concrete Sidewalk/ 4" Non-reinforced (Locations not specified)	100 S.F.	\$6.00	\$3.15	No Bid	\$4.00
6	Remove Concrete and rplc with topsoil/seed	100 S.F.	\$1.50	\$2.50	No Bid	\$1.70
7	Structure Cover, (Adjustment)	5 each	\$150.00	\$300.00	No Bid	\$1,000.00
8	Structure Cover, Adj, Add Depth (Reconst)	10 L.F.	\$150.00	\$200.00	No Bid	\$250.00
9	Misc. Base Repair per CY to excavate/replace with 21AA Limestone, compacted in place	600 C.Y.	\$31.00	\$22.00	No Bid	\$5.00
10	Installation of 6" edge drain	100 L.F.	\$11.00	\$18.00	No Bid	\$7.00
11	Remove and Replace Curb & Gutter	100 L.F.	\$25.00	\$28.00	No Bid	\$21.00
12	Sidewalk Ramp, ADA, Modified w/Inserts	500 S.F.	\$9.00	\$7.50	No Bid	\$7.00
13	Sidewalk Ramp, Detectable Warning, Retrofit,	100 S.F.	\$10.00	\$10.00	No Bid	\$7.00
14	Restoration	Included	Included	Included	Included	Included
15	Traffic Maintenance	Included	Included	Included	Included	Included
Estimated Total Cost – Proposal B			\$1,015,600.00	\$1,045,045.00	No Bid	\$959,870.00

Opening Date -- 07/07/11
 Date Prepared -- 07/13/11

VENDOR NAME:

Tony Angelo	Dominic Gaglio	Lacaria Concrete	Major Cement
Cement Construction	Construction, Inc.	Sand A Constrution	Company

Proposal C: Tri Party Concrete Repair - Big Beaver, John R, Crooks and Scattered Locations

NO.	DESCRIPTION	EST. QTY.	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE	FY2011/2012 UNIT PRICE
1	Remove & Replace with Concrete 10" Non-reinforced-	2,000 SY	\$52.50	No Bid	No Bid	\$59.00
2	Remove & Replace with Concrete 9" Non-reinforced-	3,000 S.Y.	\$42.00	No Bid	No Bid	\$58.00
3	Remove & Replace with Concrete 8" Non-reinforced-	200 S.Y.	\$41.00	No Bid	No Bid	\$37.00
4	Remove & Replace with Concrete 7" Non-reinforced-	200 S.Y.	\$37.00	No Bid	No Bid	\$32.00
5	Remove & Replace with Concrete Sidewalk/ Driveway 6" Non-reinforced (Locations not	50 S.F.	\$6.50	No Bid	No Bid	\$4.00
6	Remove & Replace with Concrete Sidewalk/ 4" Non-reinforced (Locations not specified)	50 S.F.	\$6.00	No Bid	No Bid	\$4.00
7	Remove Concrete and rplc with topsoil/seed	100 S.F.	\$1.50	No Bid	No Bid	\$1.50
8	Structure Cover, (Adjustment)	2 each	\$150.00	No Bid	No Bid	\$1,000.00
9	Structure Cover, Adj, Add Depth (Reconst)	10 L.F.	\$150.00	No Bid	No Bid	\$750.00
10	Misc. Base Repair per CY to excavate/replace with 21AA Limestone, compacted in place	300 C.Y.	\$31.00	No Bid	No Bid	\$9.00
11	Installation of 6" edge drain	100 L.F.	\$11.00	No Bid	No Bid	\$7.00
12	Remove and Replace Curb & Gutter	100 L.F.	\$25.00	No Bid	No Bid	\$27.00
13	Sidewalk Ramp, ADA, Modified w/Inserts	500 S.F.	\$9.00	No Bid	No Bid	\$10.00
14	Sidewalk Ramp, Detectable Warning, Retrofit,	100 S.F.	\$10.00	No Bid	No Bid	\$8.00
15	Restoration	Included	Included	Included	Included	Included
16	Traffic Maintenance	Included	Included	Included	Included	Included
Estimated Total Cost – Proposal C			\$267,575.00	No Bid	No Bid	\$327,750.00

PROGRESS PAYMENTS:

Bi-weekly	Every two weeks	Every 30 Days	Bi-weekly
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CONTACT INFORMATION

Hrs of Oper.
Phone

7AM-7PM	7AM-3:30PM	7AM-6PM	7AM-5PM
(248) 249-8705	(734) 216-2051	(313) 218-6834	(248) 388-1168

AWARD

100% of Contract

Partial Contract: Proposal A
 Proposal B
 Proposal C

X	X		
	X	X	
			X
			X

COMPLETION SCHEDULE:

BY JUNE 30th OF ANY CONTRACT YEAR

INSURANCE:

Can Meet
 Cannot Meet

XX	XX	XX	XX
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PAYMENT TERMS:

Bi-weekly	2 Weeks	Blank	Bi-weekly
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WARRANTY:

1 year	1 year	Blank	Per Contract
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ALL OR NONE-AWARD

Y or N

N	N	N	N
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EXCEPTIONS:

None	Blank	Blank	Blank
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ACKNOWLEDGEMENT:

Y or N

Y	Y	Y	Y
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VENDOR QUESTIONNAIRE

Y or N

N	Y	Y	Y
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FORMS:

Legal Staus of Bidder
 Non-Collusion Affidavit

Y or N
 Y or N

Y	Y	Y	Y
Y	Y	Y	Y

PROPOSAL: City of Troy Concrete Pavement Repair Program for Local and Major Roads with an Option to Renew for Two (2) Additional One Year Periods

CITY OF TROY CONSTRUCTION PROJECTS
AUGUST 2011 to NOVEMBER 2011
07/05/2011

1. ROAD REHABILITATION – BEACH ROAD, WATTLES TO SOUTH BOULEVARD

Pavement rehabilitation on three (3) miles of Beach Road from Wattles to South Boulevard is necessary due to the pavement's deteriorated condition. Full depth reclamation (FDR) was the rehabilitation method chosen after considering several other more conventional options. FDR is a process where a set depth of asphalt pavement and a portion of the underlying granular base material is uniformly pulverized and blended to provide an upgraded, homogeneous base material. The blended material is then graded, shaped, and compacted to design parameters. Once completed, a final asphalt pavement surface is placed over the upgraded homogeneous base material to complete the pavement rehabilitation process.

FDR significantly reduces the project's environmental impact and energy (oil) consumption compared to other conventional pavement rehabilitation methods. FDR is consistent with many of the tenants of "Green Construction" such as sustainability, reuse, conservation of non-renewable natural resources, preservation of the environment, and reduction in pollution & landfill requirements. Funding for this project is from the Major Roads fund. Construction is anticipated to start in August and be open to traffic by late November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

2. ROAD REPAIRS – SECTION 35 (14 MILE ROAD & STEPHENSON HIGHWAY AREA)

The water mains were replaced on: Sheffield, Kenyon, Lyons, Redwood, Burtman, Grant, Wacon, Jamaica, Key West and Hendrickson in 2010. The existing asphalt over concrete roads in the project area will be milled (ground off) and then an asphalt pavement overlay will be placed as the new surface. Funding for this project is a continuation of the water main replacement project. Water funds are used to repair the existing roads due to damage caused by the water main construction. Construction is anticipated to start in mid September and be complete by the end of November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

3. ROAD REHABILITATION – SECTION 8 (NORTHFIELD HILLS CONDOMINIUMS)

Brentwood, Bayside, Buckingham and Breeze Hill, local roads in the Northfield Hills Condominiums area, will be milled (ground off) and then an asphalt pavement overlay will be placed as the new surface. The project will also include removal and replacement of deteriorated concrete pavement and concrete curb and gutter where required. Sidewalk ramps and pedestrian crossings will be upgraded to meet current Americans with Disabilities Act (ADA) requirements. Funding for this project is from the Local Roads fund. Construction is anticipated to start in July and be complete by mid September.

4. ROAD REHABILITATION – ROCHESTER ROAD, CHOPIN TO LARCHWOOD

Rochester Road, from Chopin to Larchwood, will be milled (ground off) and then an asphalt pavement overlay will be placed as the new surface. The project will also include removal and replacement of deteriorated concrete pavement and concrete curb and gutter where required. Sidewalk ramps and pedestrian crossings will be upgraded to meet current Americans with Disabilities Act (ADA) requirements. Funding for this project is from the Major Roads fund. Construction is anticipated to start in September and be complete by late November.

5. CONCRETE SLAB REPLACEMENT – LOCAL ROADS, SECTIONS 36, 30 and 19

The City of Troy is responsible for the maintenance of approximately 265 miles of local roads. The Department of Public Works (DPW) coordinates the local road concrete slab replacement program. Concrete slab replacement is a normal maintenance activity that removes and replaces spot sections of failed concrete pavement. Funds are budgeted in the city's Local Road fund to complete slab replacements on local roads at target locations within the city every year. Work is anticipated to start in late August and run through the fall. Work will be stopped for the winter and then started back up again in the spring of 2012 and be complete by June 30, 2012.

6. CONCRETE SIDEWALK REPLACEMENT – LOCAL ROADS, SECTIONS 23, 27 and 35

The Department of Public Works (DPW) is responsible for the sidewalk replacement program. The City is divided into 12 areas for residential sidewalk replacements. These areas are reviewed annually and a sidewalk replacement list is prepared. Not all sidewalks in any one area are replaced, only those sections of sidewalk that do not meet current requirements. Americans with Disabilities Act compliant facilities are also constructed with this program. Work is anticipated to start in late July and run through the fall. Work

will be stopped for the winter and then started back up again in the spring of 2012 and be complete by June 30, 2012.

7. WIDENING AND RECONSTRUCTION – CROOKS ROAD, 14 MILE TO EQUITY (RCOC)

This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The project will reconstruct the existing road and add a center left turn lane. Also included is the replacement of a 20-inch water main between 14 Mile and Elmwood Avenue, upgrading traffic signals at Meijer Drive and Elmwood Avenue as well as upgrading pedestrian crossings to meet current ADA requirements. Federal funds will be used to pay for approximately 80% of the project cost, with the remainder of the funding coming from the Southeastern Oakland County Water Authority (SOCWA) and the City of Clawson. There are no City of Troy funds involved in this project. Construction started in May and Crooks is anticipated to be fully open to traffic by mid-October. Restoration and cleanup, as necessary, will take place in the spring of 2012.

8. ROAD REHABILITATION – CROOKS ROAD, BANMOOR TO FOUNTAIN (RCOC)

This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The work will include milling of the existing pavement (grinding off) and then placing an asphalt pavement overlay to provide a new surface. The project will also include removal and replacement of concrete curb and gutter where required. Sidewalk ramps and pedestrian crossings will be upgraded to meet current Americans with Disabilities Act (ADA) requirements. Federal funds will be used to pay for approximately 80% of the project cost, with the remainder of the funding shared by the RCOC and Troy. Troy's share of this project is from the Major Roads fund. Construction is anticipated to start in September and be fully open to traffic by late November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

9. ROAD REHABILITATION – DEQUINDRE ROAD, SOUTH BOULEVARD TO AUBURN (RCOC)

This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The work will include milling of the existing pavement (grinding off) and then placing an asphalt pavement overlay to provide a new surface. Some areas of pavement will also be removed and/or crack and sealed (broken into small pieces and then compacted in place) prior to the placement of the final asphalt surface. The project will also include removal and replacement of concrete curb and gutter and drainage improvements where required. Sidewalk ramps and pedestrian crossings will be upgraded to meet current Americans with Disabilities Act (ADA) requirements. Federal funds will be used to pay for approximately 80% of the project cost, with the remainder of the funding shared by the RCOC, Macomb County Department of Roads, Shelby Township, and the Cities of Rochester Hills and Troy. Troy's share of this project is from the Major Roads fund. Construction is anticipated to start in September and be fully open to traffic by late November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

10. ROAD REHABILITATION – ADAMS ROAD, SOUTH BOULEVARD TO AUBURN (RCOC)

This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The work will include construction of turn lanes, milling of the existing pavement (grinding off) and then placement of an asphalt pavement overlay to provide a new surface. The project will also include removal and replacement of concrete curb and gutter and drainage improvements where required. Sidewalk ramps and pedestrian crossings will be upgraded to meet current Americans with Disabilities Act (ADA) requirements. Federal funds will be used to pay for approximately 80% of the project cost, with the remainder of the funding shared by the RCOC and the Cities of Rochester Hills and Auburn Hills. There are no City of Troy funds involved in this project. Construction is anticipated to start in September and be fully open to traffic by late November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

**NOTE: All dates or time frames are based on the best information available at the time of writing and are subject to change based on field conditions, actual weather conditions and/or budgetary constraints.*

Construction Projects - August 2011 to November 2011

