AGENDA
RESCHEDULED MEETING
Municipal Services Committee
January 26, 2015
6:00 P.M. – Council Chambers

1. **Call to Order & Roll Call**
2. **Establishment of Quorum**
3. **Old Business**
4. **New Business**
   a. **Resolution** – Accepting a Proposal from DAS Enterprises Inc. to Provide Trucking Services at a Rate of $80.99 per Hour for Services Relating to Hauling Waste Generated from Excavations for a Period of May 1, 2015 through April 30, 2016
   b. **Resolution** – Accepting a Proposal from Elmhurst Chicago Stone to Purchase and Pick Up Stone for Public Works Projects for a period of May 1, 2015 through April 30, 2016
   c. **Resolution** – Accepting the Unit Price Proposal for Tipping and Transfer Fees from E.F. Heil, LLC at the Proposed Unit Prices for Certain Waste for a Period of May 1, 2015 through April 30, 2016
   d. **Resolution** – Accepting a Proposal from Elmhurst Chicago Stone to Provide Stone and Delivery for Public Works Projects for a period of May 1, 2015 through April 30, 2016
   e. **Resolution** – Accepting a Proposal from Allstar, at the Proposed Schedule of Prices for the Placement of Topsoil and for the Purchase and Placement of Fertilizer and Sod for Landscape Restoration Services for a Period of May 1, 2015 through April 30, 2016
   f. **Resolution** – Accepting a Proposal from Advanced Drainage Systems and Norwalk Tank Company for High Density Polyethylene Pipes, Bands, Flared End Sections and Fittings as Required for Various Public Works Projects for a Period of May 1, 2015 through April 30, 2016
   g. **Resolution** – Accepting a Proposal from Norwalk Tank Company for Storm Sewer Structures, Iron Sewer Grates, Concrete Adjusting Rings as Required for

Various Public Works Projects for a Period of May 1, 2015 through April 30, 2016

h. **Resolution** – Accepting a Proposal from Norwalk Tank Company for Culvert Metal Pipes, Metal Bands and Metal Flared End Sections and Fittings as Required for Various Public Works Projects for a Period of May 1, 2015 through April 30, 2016

i. **Resolution** – Accepting the Unit Price Proposal for Bituminous Products from K-Five Construction for Public Works Projects for a Period of May 1, 2015 through April 30, 2016

j. **Resolution** – Accepting a Proposal from Pavement Systems, Inc. and Scorpio Construction for the Removal and Replacement of Bituminous Aprons and Road Patches at the Proposed Unit Pricing as Required for Various Public Works Projects for a Period of May 1, 2015 through April 30, 2016

k. **Resolution** – Accepting a Proposal from Ziebell for Pressure Pipe, as required for Various Public Works Projects for a Period of May 1, 2015 through April 30, 2016

l. **Resolution** – Accepting a Proposal from DuPage Topsoil Inc. at the Proposed Schedule of Prices for Topsoil for Various Public Works Projects for a Period of May 1, 2015 through April 30, 2016

m. **Resolution** – Authorizing the Mayor and City Clerk to Execute a Contract for the 2015 Emerald Ash Borer Treatment Plan with Tru-Green Inc. in an Amount Not to Exceed $165,000

n. **Resolution** – Authorizing the Mayor to Execute a Contract with Illinois Central Sweeping for the City of Darien's Annual Street Sweeping Program Not to Exceed $33,765

o. **Resolution** – Authorizing the Purchase of One (1) New Water Main Tap Machine-Model Mueller No. D-5-39305 from Ziebell Water Service Products in the Amount of $5,668.95

p. **Ordinance – Woodmere Drive and Hedgewood Drive:** Consideration of an Ordinance to Approve the Installation of a STOP sign on Hedgewood Drive

q. **Resolution** – Accepting the Unit Price Proposal for Analytical Soil Testing Fees from Testing Services Corporation at the Proposed Unit Prices for Certain Waste for a Period of May 1, 2015 through April 30, 2016

r. **Resolution** – Preliminary Approval for the 2015 Sidewalk, Apron and Curb and Gutter Removal and Replacement Program Contract and the Oldfield Road Curb and Gutter Placement with Suburban Concrete, Inc. in an Amount Not to Exceed $429,246.76 and to Waive the Residential $75.00 Permit Fee Application for Concrete Work

s. **Resolution** – Preliminary Approval Authorizing the Mayor and City Clerk to Execute a Contract for the 2015 Neighborhood Drainage Program Between the City of Darien and Scorpio Construction Corp. for the Layout and Replacement of Storm Sewer Pipes and Structures, and Grading in an Amount Not to Exceed $496,805.00

t. **Minutes** – November 24, 2014 Municipal Services Committee

5. **Director's Report**

a. 2015 Emerald Ash Borer Private Property – Courtesy Quote Update

b. EAB Treatment Study Updates

1) EAB Study Update-1

2) EAB Study Update-2

3) Summary of Chicago Treatment Program

c. Update-BYOB

1) Village of Hinsdale

d. Manning Road Sidewalk Survey Update

2) Sidewalk Letter

6. **Next scheduled meeting** – February 23, 2015

7. **Adjournment**

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting a proposal from DAS Enterprises Inc to provide trucking services at a rate of $80.99 per hour for services relating to hauling waste generated from excavations for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department generates waste from various Public Works projects, such as water main breaks, valve and hydrant replacements, landscape restorations and ditching projects. The waste is temporarily stored at the Public Works facility and requires removal. The trucks are then scheduled, filled by City loaders and the waste is hauled to a local landfill.

Competitive quotes were requested for hauling services and staff received two (2) competitive quotes. See **Attachment A**. The lowest competitive quote was DAS Enterprises Inc. The request for quotes stipulated that pricing be held in place from May 1, 2015 through April 30, 2016.

The expenditure would come from the Water, Street and Capital accounts, depending on the specific project generating the waste. The total estimated costs for all maintenance and budgetary programs for hauling are estimated to be approximately $150,000.00 pending Capital Project budget approval.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with DAS Enterprises Inc.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

Quote for Hauling Fees

				DAS Enterprises		Wigboldy Excavationg	
DESCRIPTION	**QUANTITY-RANGE**	**UNIT**	**MULTIPLIER - QUANTITY**	**UNIT PRICE PER HOUR**	**COSTS**	**UNIT PRICE PER HOUR**	**COSTS**
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*
Trucking/Semi	100 to 2,000	HOURS	100	$ 80.99	$ 8,099.00	$ 110.00	$ 11,000.00

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FROM DAS ENTERPRISES INC. TO PROVIDE TRUCKING SERVICES AT A RATE OF $80.99 PER HOUR FOR SERVICES RELATING TO HAULING WASTE FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby accepts a proposal from DAS Enterprises, Inc to provide trucking services at a rate of $80.99 per hour for services relating to hauling waste for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

Quote for Hauling Fees

DESCRIPTION	QUANTITY-RANGE	UNIT	MULTIPLIER - QUANTITY	UNIT PRICE PER HOUR	COSTS
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*
Trucking/Semi	100 to 2,000	HOURS	100	80.99	8099.00
Company Name:	DAS Enterprises, Inc.				
Address:	224 E. Devon Ave., Elk Grove Village, IL 60007				
Submitted By:	Donald A. Shaffer				
Date:	12/16/14				
Telephone Number:	847-952-1235				
Fax Number:	847-952-1236				
E-mail Address:	dasenterpriseinc@yahoo.com				
Authorized Signature:					

Note: Trucking services shall be made available within 48 hours of initial request.

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting a proposal from Elmhurst Chicago Stone to purchase and pick up stone for Public Works projects for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department requires stone to be used for various Public Works projects, such as water main breaks, valve and hydrant replacements, road shouldering, storm sewer and drainage projects. The proposed resolution would allow the City to **pick up** stone from the quarry.

Staff had received two (2) responsive competitive quote for the pickup of stone at a per unit cost. See **Attachment A**. The request for quotes stipulated that pricing be held in place from May 1, 2015 through April 30, 2016.

The expenditure would come from the Street Water and Capital accounts, depending on the specific project requiring the stone. The total estimated costs for all maintenance and budgetary programs requiring stone are estimated to be approximately $75,000.00.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with Elmhurst Chicago Stone.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

PICKED UP STONE QUOTE SUMMARY

				Elmhurst Chicago Stone		Vulcan Construction	
DESCRIPTION	**QUANTITY-RANGE**	**UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE**	**COSTS**	**UNIT PRICE**	**COSTS**
EXAMPLE:			*200*	*$ 1.00*	*$ 200.00*	*$ 1.00*	*$ 200.00*
A. CA-6 STONE	200-3000	TON	200	$ 6.00	$ 1,200.00	$ 7.10	$ 1,420.00
B. CA-7 STONE	200-3000	TON	200	$ 11.00	$ 2,200.00	$ 11.95	$ 2,390.00
C. 6 - 8 Inch PGE	200-2000	TON	200	$ 25.00	$ 5,000.00	$ 25.00	$ 5,000.00
D. 10 - 12 Inch PGE	200-2000	TON	200	$ 25.00	$ 5,000.00	$ 29.00	$ 5,800.00
TOTAL COSTS A+B+C+D					$ 13,400.00		$ 14,610.00

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FOR THE PURCHASE AND PICK UP OF STONE AT THE PROPOSED UNIT PRICES FROM ELMHURST CHICAGO STONE FOR VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby accepts a proposal from Elmhurst Chicago Stone to purchase and pick up stone at the proposed unit prices for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

Awarded 12-18-14 PWC

EXHIBIT A

PICKED UP STONE QUOTE SUMMARY

DESCRIPTION	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE	COSTS
EXAMPLE:			*200*	*$ 1.00*	*$ 200.00*
A. CA-6 STONE	200-3000	TON	200	$6.00/TON	$1,200.00
B. CA-7 STONE	200-3000	TON	200	$11.00/TON	$2200.00
C. 6 - 8 Inch PGE	200-2000	TON	200	$25.00/TON	$5,000.00
D. 10 - 12 Inch PGE No Spec	200-2000	TON	200	$25.00/TON	$5,000.00
TOTAL COSTS A+B+C+D					$13,400.00

QUOTE AWARDED ON TOTAL COST	
Company Name:	ELMHURST CHICAGO STONE COMPANY
Address:	400 W. FIRST STREET ELMHURST IL 60101
Submitted By:	Bob Bosworth
Date:	12/17/14
Telephone Number:	630 832 4000
Mobile Telephone Number:	630 918 9605
Fax Number:	630 832-0140
E-mail Address:	bosworthr@ccstone.com
Authorized Signature:	Robert Bosworth Authorized Agent

QUARRY LOCATION
BARBERS CORNERS
351 ROYCE ROAD
BOLINGBROOK, IL
60440
630-783-6410

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AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting the unit price proposal for tipping and transfer fees from E. F. Heil, LLC at the proposed unit prices for certain waste for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department generates waste from various Public Works projects, such as water main breaks, valve and hydrant replacements, landscape restorations and ditching projects. Staff requested competitive quotes for the services and received two (2) competitive quotes, see **Attachment A**. The lowest competitive total cost quote was provided by E. F. Heil, LLC. The request for proposals requested pricing to be from May 1, 2015 to April 30, 2016.

The expenditure would come from the Water, Street and Capital accounts, depending on the specific project generating the waste. The total estimated costs for all maintenance and budgetary programs for this item are $65,000.00 pending Capital Project budget approval.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with E. F. Heil, LLC.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

DUMP / TRANSFER FEE QUOTE

				Elmhurst Chicago Stone		E. F. Heil, LLC	
DESCRIPTION	**QUANTITY-RANGE**	**MATERIAL/UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE**	**COSTS**	**UNIT PRICE**	**COSTS**
EXAMPLE:			*50*	*$ 1.00*	*$ 50.00*	*$ 1.00*	*$ 50.00*
A. Dump/Transfer Fee	50 - 1000	Clay Per Load - 4 Wheeler	50	$ 53.00	$ 2,650.00	$ 45.00	$ 2,250.00
B. Dump/Transfer Fee	50 - 1000	Clay Per Load - 6 Wheeler	50	$ 63.00	$ 3,150.00	$ 54.00	$ 2,700.00
C. Dump/Transfer Fee	50 - 1000	Clay Per Load - Semi	50	$ 63.00	$ 3,150.00	$ 54.00	$ 2,700.00
D. Dump/Transfer Fee	50 - 1000	Mixed Rock/Clay Per Load - 4 Wheeler	50	$ 53.00	$ 2,650.00	$ 45.00	$ 2,250.00
E. Dump/Transfer Fee	50 - 1000	Mixed Rock/Clay Per Load - 6 Wheeler	50	$ 63.00	$ 3,150.00	$ 54.00	$ 2,700.00
F. Dump/Transfer Fee	50 - 1000	Mixed Rock/Clay Per Load - Semi	50	$ 63.00	$ 3,150.00	$ 54.00	$ 2,700.00
COSTS A-F					$ 17,900.00		$ 15,300.00
G. Dump/Transfer Fee	50 - 1000	Aggregate Per Load - 4 Wheeler	50	$53.00	$ 2,650.00	$ 45.00	$ 2,250.00
H. Dump/Transfer Fee	50 - 1000	Aggregate Per Load - 6 Wheeler	50	$63.00	$ 3,150.00	$ 54.00	$ 2,700.00
I. Dump/Transfer Fee	50 - 1000	Aggregate Per Load - Semi	50	$63.00	$ 3,150.00	$ 54.00	$ 2,700.00
J. Dump/Transfer Fee	50 - 1000	Sod Per Load - 4 Wheeler	50	No Bid		No Bid	
K. Dump/Transfer Fee	50 - 1000	Sod Per Load - 6 Wheeler	50	No Bid		No Bid	
L. Dump/Transfer Fee	50 - 1000	Sod Per Load - Semi	50	No Bid		No Bid	
TOTAL COSTS A - L					$ 26,850.00		$ 22,950.00
QUOTE AWARDED ON TOTAL COST							

Note: Hauling will be provded through a City contracted trucking vendor and/or City of Darien

RESOLUTION NO._____

A RESOLUTION ACCEPTING THE UNIT PRICE PROPOSALS FOR TIPPING AND TRANSFER FEES FROM E. F. HEIL, LLC FOR CERTAIN GENERATED WASTE FROM VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien does hereby accept a proposals for tipping and transfer fees from E. F. Heil, LLC for certain generated waste from various public works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

Entered 12-19-14 MW

EXHIBIT A

DUMP / TRANSFER FEE QUOTE

DESCRIPTION	QUANTITY-RANGE	MATERIAL/UNIT	MULTIPLIER QUANTITY	UNIT PRICE	COSTS
EXAMPLE:			*50*	*$ 1.00*	*$ 50.00*
A. Dump/Transfer Fee	50 - 1000	Clay Per Load - 4 Wheeler	50	45	2250.00
B. Dump/Transfer Fee	50 - 1000	Clay Per Load - 6 Wheeler	50	54.00	2700.00
C. Dump/Transfer Fee	50 - 1000	Clay Per Load - Semi	50	54.00	2700.00
D. Dump/Transfer Fee	50 - 1000	Mixed Rock/Clay Per Load - 4 Wheeler	50	45.00	2250.00
E. Dump/Transfer Fee	50 - 1000	Mixed Rock/Clay Per Load - 6 Wheeler	50	54.00	2700.00
F. Dump/Transfer Fee	50 - 1000	Mixed Rock/Clay Per Load - Semi	50	54.00	2700.00
G. Dump/Transfer Fee	50 - 1000	Aggregate Per Load - 4 Wheeler	50	45.00	2250.00
H. Dump/Transfer Fee	50 - 1000	Aggregate Per Load - 6 Wheeler	50	54.00	2700.00
I. Dump/Transfer Fee	50 - 1000	Aggregate Per Load - Semi	50	54.00	2700.00
J. Dump/Transfer Fee	50 - 1000	Sod Per Load - 4 Wheeler	50	N/A	
K. Dump/Transfer Fee	50 - 1000	Sod Per Load - 6 Wheeler	50	N/A	
L. Dump/Transfer Fee	50 - 1000	Sod Per Load - Semi	50	N/A	
TOTAL COSTS A - L					
QUOTE AWARDED ON TOTAL COST					

Company Name:	E. F. Heil, LLC
Address:	12152 S Naper Plainfield Rd Plainfield IL 60585
Submitted By:	Cynthia Heil
Date:	12/19/14
Telephone Number:	815 436 7465
obile Telephone Number:	815 436-7465
Fax Number:	815 436-5463
E-mail Address:	efheil@yahoo.com
Authorized Signature:	Cynthia K Heil

Note: Hauling will be provided through a City contracted trucking vendor and/or City of Darien

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X:\Agenda backup\Public Works Agendas\2015\January 26, 2015\Supporting Documentation\Exhibit A-2015 Dump Transfer Fee.pdf

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting a proposal from Elmhurst Chicago Stone to provide stone and delivery for Public Works projects for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department requires stone to be used for various Public Works projects, such as water main breaks, valve and hydrant replacements, road shouldering, storm sewer and ditching projects. The proposed resolution would allow the proposed vendor to provide the City of Darien semi-loads directly from the quarry when required.

Staff had received two (2) competitive quote for the stone and delivery. The lowest competitive quote based on a total cost was Elmhurst Chicago Stone, see **Attachment A**. The department primarily uses CA6 and CA7, and the PGE is a heavier stone utilized for bank stabilization. The request for quotes stipulated that pricing be held in place from May 1, 2015 through April 30, 2016.

The expenditure would come from the Street, Water and Capital accounts, depending on the specific project requiring semis of stone. The total estimated costs for all maintenance and budgetary programs requiring stone are estimated to be approximately $75,000 pending Capital Project budget approval.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with Elmhurst Chicago Stone.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

DELIVERED STONE QUOTE SUMMARY

				Vulcan Construction		Elmhurst Chicago Stone	
DESCRIPTION	**QUANTITY-RANGE**	**UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE DELIVERED**	**COSTS**	**UNIT PRICE DELIVERED**	**COSTS**
EXAMPLE:			*200*	*$ 1.00*	*$ 200.00*	*$ 1.00*	*$ 200.00*
A. CA-6 STONE	200-3000	TON	200	$ 13.50	$ 2,700.00	$ 10.90	$ 2,180.00
B. CA-7 STONE	200-3000	TON	200	$ 18.35	$ 3,670.00	$ 15.90	$ 3,180.00
C. 6 - 8 Inch PGE	200-2000	TON	200	$ 32.65	$ 6,530.00	$ 29.90	$ 5,980.00
D. 10 - 12 Inch PGE	200-2000	TON	200	$ 37.65	$ 7,530.00	$ 31.90	$ 6,380.00
TOTAL COSTS A+B+C+D					$ 20,430.00		$ 17,720.00

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FOR THE PURCHASE AND DELIVERY OF STONE AT THE PROPOSED UNIT PRICES FROM ELMHURST CHICAGO STONE DELIVERED TO THE CITY OF DARIEN FOR VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby accepts a proposal from Elmhurst Chicago Stone for CA-6 and CA7 stone delivered at the proposed unit prices for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

Delivered 12-18-14 MW

EXHIBIT A

DELIVERED STONE QUOTE SUMMARY

DESCRIPTION	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE DELIVERED	COSTS
EXAMPLE:			*200*	*$ 1.00*	*$ 200.00*
A. CA-6 STONE	200-3000	TON	200	$10.90/ton	$2,180.00
B. CA-7 STONE	200-3000	TON	200	$15.90/ton	$3,180.00
C. 6 - 8 Inch PGE	200-2000	TON	200	$29.90/ton	$5,980.00
D. 10 - 12 Inch PGE Non Spec	200-2000	TON	200	$31.90/ton	$6,380.00
TOTAL COSTS A+B+C+D					$17,720.00
QUOTE AWARDED ON TOTAL COST					

Company Name:	ELMHURST CHICAGO STONE COMPANY
Address:	400 W. FIRST STREET, ELMHURST, IL 60126
Submitted By:	Bob Bosworth
Date:	12/16/14
Telephone Number:	630 832 4000
Mobile Telephone Number:	630 918 9605
Fax Number:	630 832 0140
E-mail Address:	bosworth@ecstone.com
Authorized Signature:	Robert Bosworth, Authorized Agent

Quarry Location:
Barlina Quarry
351 Boyce Road
Bolingbrook, IL 60440
630-983-6410

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting a proposal from Allstar, at the proposed schedule of prices for the placement of topsoil and for the purchase and placement of fertilizer and sod for landscape restoration services for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department requires the services of a landscaper to complete larger restoration projects from various Public Works projects, such as water main breaks, storm sewer and ditching projects. The City would provide topsoil to the proposed vendor, and the vendor would be required to grade the topsoil based on the cubic yards provided and would be required to purchase the sod, fertilizer and placement of the sod.

Competitive quotes were requested for the landscaping services, and staff received three (3) competitive quotes. See **Attachment A**. The lowest competitive quote is Allstar. The request for quotes stipulated that pricing be held in place from May 1, 2015 through April 30, 2016.

The expenditure would come from the Water, Street and Capital accounts, depending on the specific project requiring landscape services. The total estimated costs for all maintenance and budgetary programs for landscaping are estimated at approximately $155,000.00 pending Capital Project budget approval.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with Allstar. The vendor has provided services for the City of Darien in the past with very satisfactory results.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

LANDSCAPING QUOTE RESULTS

2015 RESTORATION SERVICES						Scorpio		All Star Maintenance		Beary	
DESCRIPTION	MINIMAL QUANTITY-RANGE	MAXIMUM QUANTITY-RANGE	UNIT	2014 ESTIMATED QUANTITIES	MULTIPLIER QUANTITY	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
EXAMPLE:	*PER JOB*				*220*	*$ 1.00*	*$ 220.00*	*$ 1.00*	*$ 220.00*	*$ 1.00*	*$ 220.00*
A. LABOR COST FOR PREPERATION AND PLACEMENT OF TOPSOIL FROM 1-3 INCHES-MISC EXCAVATIONS TO BE DISPOSED OF BY THE CITY-THE CITY WILL PROVIDE TOPSOIL	1	200	CUBIC YARDS	200	**200**	$ 12.00	$ 2,400.00	$ 18.00	$ 3,600.00	$ 25.00	$ 5,000.00
B. LABOR COST FOR PREPERATION AND PLACEMENT OF TOPSOIL FROM 1-3 INCHES-MISC EXCAVATIONS TO BE DISPOSED OF BY THE CITY-THE CITY WILL PROVIDE TOPSOIL	201	750+	CUBIC YARDS	450	**450**	$ 20.00	$ 9,000.00	$ 15.00	$ 6,750.00	$ 25.00	$ 11,250.00
C. SOD -RESTORATION-INCLUDES FERTILIZER, SOD AND PLACEMENT-CITY WILL BE RESPONSIBLE FOR WATERING	50	1,000	SQUARE YARD	750	**750**	$ 5.50	$ 4,125.00	$ 3.50	$ 2,625.00	$ 8.00	$ 6,000.00
D. SOD -RESTORATION-INCLUDES FERTILIZER, SOD AND PLACEMENT-CITY WILL BE RESPONSIBLE FOR WATERING	1001	6,000+	SQUARE YARD	5100	**5,100**	$ 5.00	$ 25,500.00	$ 3.25	$ 16,575.00	$ 7.00	$ 35,700.00
TOTAL COSTS A+B+C+D							$ 41,025.00		$ 29,550.00		$ 57,950.00

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FROM ALLSTAR AT THE PROPOSED SCHEDULE OF PRICES FOR THE PLACEMENT OF TOPSOIL AND FOR THE PURCHASE AND PLACEMENT OF FERTILIZER AND SOD FOR LANDSCAPE RESTORATION SERVICES FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien does hereby accept a proposal from Allstar at the proposed schedule of prices for the placement of topsoil and for the purchase and placement of fertilizer and sod for landscape restoration services for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

EXHIBIT A

LANDSCAPING QUOTE REQUEST

ENTERED 12/18/14

2015 RESTORATION SERVICES

DESCRIPTION	MINIMAL QUANTITY-RANGE	MAXIMUM QUANTITY-RANGE	UNIT	2014 ESTIMATED QUANTITIES	MULTIPLIER QUANTITY	UNIT PRICE	TOTAL COST
EXAMPLE:	*PER JOB*				220	$ 1.00	$ 220.00
A. LABOR COST FOR PREPERATION AND PLACEMENT OF TOPSOIL FROM 1-3 INCHES-MISC EXCAVATIONS TO BE DISPOSED OF BY THE CITY-THE CITY WILL PROVIDE TOPSOIL	1	200	CUBIC YARDS	200	200	$18.00	$ 3600.00
B. LABOR COST FOR PREPERATION AND PLACEMENT OF TOPSOIL FROM 1-3 INCHES-MISC EXCAVATIONS TO BE DISPOSED OF BY THE CITY-THE CITY WILL PROVIDE TOPSOIL	201	750+	CUBIC YARDS	450	450	$15.00	$6750.00
C. SOD-RESTORATION-INCLUDES FERTILIZER, SOD AND PLACEMENT-CITY WILL BE RESPONSIBLE FOR WATERING	50	1,000	SQUARE YARD	750	750	$3.50	$2625.00
D. SOD-RESTORATION-INCLUDES FERTILIZER, SOD AND PLACEMENT-CITY WILL BE RESPONSIBLE FOR WATERING	1001	6,000+	SQUARE YARD	5100	5,100	$3.25	$16575.00
TOTAL COSTS A+B+C+D						$	$29550.00

Company Name:	All-Star Maintenance
Address:	PO Box 601 Westmont, IL 60559
Submitted By:	Tom Kowalik
Date:	12-18-14
Telephone Number:	630-308-6100
Mobile Telephone Number:	Same
Fax Number:	630-655-8592
E-mail Address:	All-Star 6681 @ aol.com
Authorized Signature:	[signature]

Note: Hauling will be provded through a City contracted trucking vendor and/or City of Darien

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting a proposal from Advanced Drainage Systems and Norwalk Tank Company for High Density Polyethylene Pipes, bands, flared end sections and fittings as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department requires the use of High Density Polyethylene Pipes (HDPE) and connectors to be used for various Public Works projects, such as storm sewer replacements and ditching projects.

Competitive quotes were requested for the various HDPE products and staff received two (2) competitive quotes. See **Attachment A**. The lowest competitive total quote was provided by Norwalk Tank Company. Since Norwalk Tank Company provided the lowest overall cost, staff had contacted them to meet the unit pricing of the items that were offered at a lower cost by the competitor. Norwalk Tank Company did agree to meet or further reduce many of the unit prices submitted by the competitor. Please note there were several unit prices that remained slightly higher than the competitors. Since both competitors were very competitive, staff is recommending that both, Advanced Drainage Systems and Norwalk Tank be awarded the proposals at the renegotiated pricing, within **Attachment A**.

The request for quotes stipulated that pricing be held in place from May 1, 2015 to April 30, 2016.

The expenditure would come from the Street and Capital accounts, depending on the specific project requiring the pipe material. The total estimated costs for all maintenance and budgetary programs for the material have been estimated at approximately $65,000.00 pending Capital Project budget approval.

STAFF RECOMMENDATION

The staff recommends approval of this resolution with Advanced Drainage Systems and Norwalk Tank Company for High Density Polyethylene Pipes, bands, flared end sections and fittings as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

RENEGOTIATED - See emails dated 1-6-15 & 1-7-15

Attachment A

POLYETHYLENE PIPE QUOTE REQUEST

				Norwalk Tank Company		Norwalk Tank Company & Advanced Drainage Systems RENEGOTIATED		Advance Drainage Systems	
	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE	COSTS	UNIT PRICE	COSTS	UNIT PRICE	COSTS
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*
A. 4-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK	100 - 1,800	LINEAL FT	100	$ 0.35	$ 35.00	$ 0.31	$ 31.00	$ 0.31	$ 31.00
B. 4-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITH SOCK	100 - 1,800	LINEAL FT	100	$ 0.47	$ 47.00	$ 0.45	$ 45.00	$ 0.45	$ 45.00
C. 4-INCH POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK N-12	100 - 1,800	LINEAL FT	100	$ 0.92	$ 92.00	$ 0.80	$ 80.00	$ 0.80	$ 80.00
D. 4-INCH POLYETHYLENE PIPE-PERFORATED-WITH SOCK N-12	100 - 1,800	LINEAL FT	100	$ 1.20	$ 120.00	$ 0.86	$ 86.00	$ 0.86	$ 86.00
E. 6-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK	100 - 1,500	LINEAL FT	100	$ 0.98	$ 98.00	$ 0.89	$ 89.00	$ 0.89	$ 89.00
F. 6-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITH SOCK	100 - 1,500	LINEAL FT	100	$ 1.17	$ 117.00	$ 1.15	$ 115.00	$ 1.15	$ 115.00
G. 6-INCH POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK N-12	100 - 1,500	LINEAL FT	100	$ 1.99	$ 199.00	$ 1.95	$ 195.00	$ 1.95	$ 195.00
H. 6-INCH POLYETHYLENE PIPE-PERFORATED-WITH SOCK N-12	100 - 1,500	LINEAL FT	100	$ 2.24	$ 224.00	$ 2.15	$ 215.00	$ 2.15	$ 215.00
I. 12-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 4,000	LINEAL FT	100	$ 4.97	$ 497.00	$ 4.71	$ 471.00	$ 4.71	$ 471.00
J. 15-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 4,000	LINEAL FT	100	$ 6.89	$ 689.00	$ 6.32	$ 632.00	$ 6.32	$ 632.00
K. 18-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 1,500	LINEAL FT	100	$ 9.47	$ 947.00	$ 8.68	$ 868.00	$ 8.68	$ 868.00
L. 24-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 1,500	LINEAL FT	100	$ 15.20	$ 1,520.00	$ 14.57	$ 1,457.00	$ 14.57	$ 1,457.00
M. 12-INCH HDPE BAND	25 - 100	EACH	25	$ 5.16	$ 129.00	$ 5.16	$ 129.00	$ 6.31	$ 157.75
N. 15-INCH HDPE BAND	25 - 100	EACH	25	$ 9.21	$ 230.25	$ 9.21	$ 230.25	$ 10.51	$ 262.75
O. 24-INCH HDPE BAND	25 - 100	EACH	25	$ 26.02	$ 650.50	$ 25.26	$ 631.50	$ 25.26	$ 631.50
P. 12-INCH FLARED END WITH BOLT COLLAR-HDPE	25 - 50	EACH	25	$ 83.49	$ 2,087.25	$ 83.49	$ 2,087.25	$ 99.54	$ 2,488.50
Q. 15-INCH FLARED END WITH BOLT COLLAR-HDPE	25 - 50	EACH	25	$ 83.49	$ 2,087.25	$ 83.49	$ 2,087.25	$ 99.54	$ 2,488.50
TOTAL COSTS A - Q				$ -	**$ 9,769.25**	$ -	**$ 9,449.25**	$ -	**$ 10,313.00**
R. 12 x 12 INLET BOX - 2 HOLE	5 - 50	EACH	5	$ 45.11	$ 225.55	$ -	$ -	NOT STOCKED	
S. 12 x 12 INLET BOX - 4 HOLE	5 - 50	EACH	5	$ 53.55	$ 267.75	$ -	$ -	NOT STOCKED	
TOTAL COST R-S					**$ 493.30**	$ -			
T. CONNECTORS - 4"	10 - 100	EACH	10	$ 5.14	$ 51.40	$ -	$ -	$ -	$ -
U. CONNECTORS - 6"	10 - 100	EACH	10	$ 3.89	$ 38.90	$ -	$ -	$ -	$ -
TOTAL COSTS T-U					**$ 90.30**		$ -		$ -
QUOTE AWARDED ON TOTAL COST					N/A		N/A		N/A

X:\Agenda backup\Public Works Agendas\2015\January 26, 2015\Supporting Documentation\Attachment A-2015 HDPE.pdf

RENEGOTIATED - See emails dated 1-6-15 & 1-7-15

POLYETHYLENE PIPE QUOTE REQUEST

	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE	COSTS
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*
A. 4-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK	100 - 1,800	LINEAL FT	100	$0.35	$35.00
B. 4-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITH SOCK	100 - 1,800	LINEAL FT	100	$0.47	$47.00
C. 4-INCH POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK N-12	100 - 1,800	LINEAL FT	100	$0.92	$92.00
D. 4-INCH POLYETHYLENE PIPE-PERFORATED-WITH SOCK N-12	100 - 1,800	LINEAL FT	100	$1.20	$120.00
E. 6-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK	100 - 1,500	LINEAL FT	100	$0.98	$98.00
F. 6-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITH SOCK	100 - 1,500	LINEAL FT	100	$1.17	$117.00
G. 6-INCH POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK N-12	100 - 1,500	LINEAL FT	100	$1.99	$199.00
H. 6-INCH POLYETHYLENE PIPE-PERFORATED-WITH SOCK N-12	100 - 1,500	LINEAL FT	100	$2.24	$224.00
I. 12-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 4,000	LINEAL FT	100	$4.97	$497.00
J. 15-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 4,000	LINEAL FT	100	$6.89	$689.00
K. 18-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 1,500	LINEAL FT	100	$9.47	$947.00
L. 24-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 1,500	LINEAL FT	100	$15.20	$1,520.00
M. 12-INCH HDPE BAND	25 - 100	EACH	25	$5.16	$129.00
N. 15-INCH HDPE BAND	25 - 100	EACH	25	$9.21	$230.25
O. 24-INCH HDPE BAND	25 - 100	EACH	25	$26.02	$650.50
P. 12-INCH FLARED END WITH BOLT COLLAR-HDPE	25 - 50	EACH	25	$83.49	$2,087.25
Q. 15-INCH FLARED END WITH BOLT COLLAR-HDPE	25 - 50	EACH	25	$83.49	$2,087.25
R. 12 x 12 INLET BOX - 2 HOLE	5 - 50	EACH	5	$45.11	$225.55
S. 12 x 12 INLET BOX - 4 HOLE	5 - 50	EACH	5	$53.55	$267.75
T. CONNECTORS - 4"	10 - 100	EACH	10	$5.14	$51.40
U. CONNECTORS - 6"	10 - 100	EACH	10	$3.89	$38.90
TOTAL COSTS A - U					$10,352.85
QUOTE AWARDED ON TOTAL COST					

Company Name:	NORWALK TANK COMPANY
Address:	2121 MAPLE RD, JOLIET, IL. 60432
Submitted By:	MARK S. KUHNSON
Date:	12/16/14
Telephone Number:	815 - 726-3351
Mobile Telephone Number:	
Fax Number:	815 - 726 - 2945
E-mail Address:	norwalkbid@att.net
Authorized Signature:	Mark S Kuhnson

Dan Gombac

From: Mark and Mariette <norwalkbid@att.net>
Sent: Wednesday, January 07, 2015 8:41 AM
To: Dan Gombac
Subject: Re: 2015 HDPE pricing

Thanks Dan!
Looking forward to working with you guys again!
Mark

Mark Kuhajda
Estimating
Norwalk Tank Company
2121 Maple Road
Joliet, IL 60432
(815)726-3351 (Ph)
(815)726-2945 (Fax)
www.norwalktank.com

On Tuesday, January 6, 2015 9:46 AM, Dan Gombac <dgombac@darienil.gov> wrote:

Thanks for the update, att are the results you have them both.

Daniel Gombac
Director of Municipal Services
630-353-8106
To receive important information from the City of Darien sign up for our electronic newsletter:
DARIEN DIRECT CONNECT
Follow the link below and subscribing is simple!
http://www.darien.il.us/Departments/Administration/CityNews.html

From: Mark and Mariette [mailto:norwalkbid@att.net]
Sent: Tuesday, January 06, 2015 9:38 AM
To: Dan Gombac
Subject: Re: 2015 HDPE pricing

Hi Dan,

Our revised quote for HDPE is attached.
Is there any information on the CMP or Precast bids?
Thanks,
Mark

Mark Kuhajda
Estimating
Norwalk Tank Company
2121 Maple Road
Joliet, IL 60432
(815)726-3351 (Ph)
(815)726-2945 (Fax)
www.norwalktank.com

On Tuesday, December 30, 2014 2:41 PM, Dan Gombac <dgombac@darienil.gov> wrote:

Gentleman:

The competitive quotes were very competitive and upon review certain unit prices were higher than the competitor, thereby by affecting the totals.

We are requesting each vendor to review the proposed renegotiated pricing highlighted in light blue. The pricing would be identical for both vendors and the 2015 quantities would be split between both vendors with the exception of the inlet boxes.

Please let me know if you are in agreement with the att.

Sincerely,

Daniel Gombac
Director of Municipal Services
630-353-8106

Dan Gombac

From: Dave Trayser <Dave.Trayser@ads-pipe.com>
Sent: Tuesday, January 06, 2015 12:18 PM
To: Dan Gombac
Subject: Re: 2015 HDPE pricing

I don't want to put you in a bad position. I'm fine with splitting if that makes this easier for you. The pricing in Blue is fine with me.

Dave Trayser
Advanced Drainage Systems
630.973.7468
dave.trayser@ads-pipe.com

Sent from my iPhone

On Jan 6, 2015, at 10:14 AM, Dan Gombac <dgombac@darienil.gov> wrote:

> Dave:
>
> Any follow up on the below e-mail??
>
> *Daniel Gombac*
> *Director of Municipal Services*
> *630-353-8106*
>
> To receive important information from the City of Darien sign up for our electronic newsletter:
> **DARIEN DIRECT CONNECT**
> Follow the link below and subscribing is simple!
> http://www.darien.il.us/Departments/Administration/CityNews.html
>
> **From:** Dan Gombac
> **Sent:** Tuesday, December 30, 2014 2:40 PM
> **To:** 'norwalkbid@att.ent'; 'Dave Trayser'
> **Cc:** Maria Gonzalez
> **Subject:** 2015 HDPE pricing
>
> Gentleman:
>
> The competitive quotes were very competitive and upon review certain unit prices were higher than the competitor, thereby by affecting the totals.
>
> We are requesting each vendor to review the proposed renegotiated pricing highlighted in light blue. The pricing would be identical for both vendors and the 2015 quantities would be split between both vendors with the exception of the inlet boxes.

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FROM ADVANCED DRAINAGE SYSTEMS AND NORWALK TANK COMPANY FOR HIGH DENSITY POLYETHYLENE PIPES (HDPE), BANDS, FLARED END SECTIONS, AND FITTINGS AT THE PROPOSED UNIT PRICES FOR VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien does hereby accept a proposal from Advanced Drainage Systems and Norwalk Tank Company to provide High Density Polyethylene Pipes, bands, flared end sections and fittings at the proposed unit prices for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

POLYETHYLENE PIPE QUOTE REQUEST

				Norwalk Tank Company		Norwalk Tank Company & Advanced Drainage Systems RENEGOTIATED		Advance Drainage Systems	
	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE	COSTS	UNIT PRICE	COSTS	UNIT PRICE	COSTS
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*
A. 4-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK	100 - 1,800	LINEAL FT	100	$ 0.35	$ 35.00	$ 0.31	$ 31.00	$ 0.31	$ 31.00
B. 4-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITH SOCK	100 - 1,800	LINEAL FT	100	$ 0.47	$ 47.00	$ 0.45	$ 45.00	$ 0.45	$ 45.00
C. 4-INCH POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK N-12	100 - 1,800	LINEAL FT	100	$ 0.92	$ 92.00	$ 0.80	$ 80.00	$ 0.80	$ 80.00
D. 4-INCH POLYETHYLENE PIPE-PERFORATED-WITH SOCK N-12	100 - 1,800	LINEAL FT	100	$ 1.20	$ 120.00	$ 0.86	$ 86.00	$ 0.86	$ 86.00
E. 6-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK	100 - 1,500	LINEAL FT	100	$ 0.98	$ 98.00	$ 0.89	$ 89.00	$ 0.89	$ 89.00
F. 6-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITH SOCK	100 - 1,500	LINEAL FT	100	$ 1.17	$ 117.00	$ 1.15	$ 115.00	$ 1.15	$ 115.00
G. 6-INCH POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK N-12	100 - 1,500	LINEAL FT	100	$ 1.99	$ 199.00	$ 1.95	$ 195.00	$ 1.95	$ 195.00
H. 6-INCH POLYETHYLENE PIPE-PERFORATED-WITH SOCK N-12	100 - 1,500	LINEAL FT	100	$ 2.24	$ 224.00	$ 2.15	$ 215.00	$ 2.15	$ 215.00
I. 12-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 4,000	LINEAL FT	100	$ 4.97	$ 497.00	$ 4.71	$ 471.00	$ 4.71	$ 471.00
J. 15-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 4,000	LINEAL FT	100	$ 6.89	$ 689.00	$ 6.32	$ 632.00	$ 6.32	$ 632.00
K. 18-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 1,500	LINEAL FT	100	$ 9.47	$ 947.00	$ 8.68	$ 868.00	$ 8.68	$ 868.00
L. 24-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 1,500	LINEAL FT	100	$ 15.20	$ 1,520.00	$ 14.57	$ 1,457.00	$ 14.57	$ 1,457.00
M. 12-INCH HDPE BAND	25 - 100	EACH	25	$ 5.16	$ 129.00	$ 5.16	$ 129.00	$ 6.31	$ 157.75
N. 15-INCH HDPE BAND	25 - 100	EACH	25	$ 9.21	$ 230.25	$ 9.21	$ 230.25	$ 10.51	$ 262.75
O. 24-INCH HDPE BAND	25 - 100	EACH	25	$ 26.02	$ 650.50	$ 25.26	$ 631.50	$ 25.26	$ 631.50
P. 12-INCH FLARED END WITH BOLT COLLAR-HDPE	25 - 50	EACH	25	$ 83.49	$ 2,087.25	$ 83.49	$ 2,087.25	$ 99.54	$ 2,488.50
Q. 15-INCH FLARED END WITH BOLT COLLAR-HDPE	25 - 50	EACH	25	$ 83.49	$ 2,087.25	$ 83.49	$ 2,087.25	$ 99.54	$ 2,488.50
TOTAL COSTS A - Q				$ -	**$ 9,769.25**	$ -	$ 9,449.25	$ -	**$ 10,313.00**
R. 12 x 12 INLET BOX - 2 HOLE	5 - 50	EACH	5	$ 45.11	$ 225.55	$ -	$ -	NOT STOCKED	
S. 12 x 12 INLET BOX - 4 HOLE	5 - 50	EACH	5	$ 53.55	$ 267.75	$ -	$ -	NOT STOCKED	
TOTAL COST R-S					**$ 493.30**	$ -			
T. CONNECTORS - 4"	10 - 100	EACH	10	$ 5.14	$ 51.40	$ -	$ -	$ -	$ -
U. CONNECTORS - 6"	10 - 100	EACH	10	$ 3.89	$ 38.90	$ -	$ -	$ -	$ -
TOTAL COSTS T-U					$ 90.30		$ -		$ -
QUOTE AWARDED ON TOTAL COST					N/A		N/A		N/A

RENEGOTIATED - See emails dated 1-6-15 & 1-7-15

POLYETHYLENE PIPE QUOTE REQUEST

	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE	COSTS
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*
A. 4-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK	100 - 1,800	LINEAL FT	100	$0.35	$35.00
B. 4-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITH SOCK	100 - 1,800	LINEAL FT	100	$0.47	$47.00
C. 4-INCH POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK N-12	100 - 1,800	LINEAL FT	100	$0.92	$92.00
D. 4-INCH POLYETHYLENE PIPE-PERFORATED-WITH SOCK N-12	100 - 1,800	LINEAL FT	100	$1.20	$120.00
E. 6-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK	100 - 1,500	LINEAL FT	100	$0.98	$98.00
F. 6-INCH HIGH DENSITY POLYETHYLENE PIPE-PERFORATED-WITH SOCK	100 - 1,500	LINEAL FT	100	$1.17	$117.00
G. 6-INCH POLYETHYLENE PIPE-PERFORATED-WITHOUT SOCK N-12	100 - 1,500	LINEAL FT	100	$1.99	$199.00
H. 6-INCH POLYETHYLENE PIPE-PERFORATED-WITH SOCK N-12	100 - 1,500	LINEAL FT	100	$2.24	$224.00
I. 12-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 4,000	LINEAL FT	100	$4.97	$497.00
J. 15-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 4,000	LINEAL FT	100	$6.89	$689.00
K. 18-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 1,500	LINEAL FT	100	$9.47	$947.00
L. 24-INCH HIGH DENSITY POLYETHYLENE PIPE-HDPE WITH BELL JOINT	100 - 1,500	LINEAL FT	100	$15.20	$1,520.00
M. 12-INCH HDPE BAND	25 - 100	EACH	25	$5.16	$129.00
N. 15-INCH HDPE BAND	25 - 100	EACH	25	$9.21	$230.25
O. 24-INCH HDPE BAND	25 - 100	EACH	25	$26.02	$650.50
P. 12-INCH FLARED END WITH BOLT COLLAR-HDPE	25 - 50	EACH	25	$83.49	$2,087.25
Q. 15-INCH FLARED END WITH BOLT COLLAR-HDPE	25 - 50	EACH	25	$83.49	$2,087.25
R. 12 x 12 INLET BOX - 2 HOLE	5 - 50	EACH	5	$45.11	$225.55
S. 12 x 12 INLET BOX - 4 HOLE	5 - 50	EACH	5	$53.55	$267.75
T. CONNECTORS - 4"	10 - 100	EACH	10	$5.14	$51.40
U. CONNECTORS - 6"	10 - 100	EACH	10	$3.89	$38.90
TOTAL COSTS A - U					$10,352.85
QUOTE AWARDED ON TOTAL COST					

Company Name:	NORWALK TANK COMPANY
Address:	2121 MAPLE RD, JOLIET, IL. 60432
Submitted By:	MARK S. KUHNSON
Date:	12/16/14
Telephone Number:	815- 726-3351
Mobile Telephone Number:	
Fax Number:	815-726-2945
E-mail Address:	norwalkbid@att.net
Authorized Signature:	Mark S Kuhnson

Dan Gombac

From: Mark and Mariette <norwalkbid@att.net>
Sent: Wednesday, January 07, 2015 8:41 AM
To: Dan Gombac
Subject: Re: 2015 HDPE pricing

Thanks Dan!
Looking forward to working with you guys again!
Mark

Mark Kuhajda
Estimating
Norwalk Tank Company
2121 Maple Road
Joliet, IL 60432
(815)726-3351 (Ph)
(815)726-2945 (Fax)
www.norwalktank.com

On Tuesday, January 6, 2015 9:46 AM, Dan Gombac <dgombac@darienil.gov> wrote:

Thanks for the update, att are the results you have them both.

Daniel Gombac
Director of Municipal Services
630-353-8106

To receive important information from the City of Darien sign up for our electronic newsletter:
DARIEN DIRECT CONNECT
Follow the link below and subscribing is simple!
http://www.darien.il.us/Departments/Administration/CityNews.html

From: Mark and Mariette [mailto:norwalkbid@att.net]
Sent: Tuesday, January 06, 2015 9:38 AM
To: Dan Gombac
Subject: Re: 2015 HDPE pricing

Hi Dan,

Our revised quote for HDPE is attached.
Is there any information on the CMP or Precast bids?
Thanks,
Mark

Mark Kuhajda
Estimating
Norwalk Tank Company
2121 Maple Road
Joliet, IL 60432
(815)726-3351 (Ph)
(815)726-2945 (Fax)
www.norwalktank.com

On Tuesday, December 30, 2014 2:41 PM, Dan Gombac <dgombac@darienil.gov> wrote:

Gentleman:

The competitive quotes were very competitive and upon review certain unit prices were higher than the competitor, thereby by affecting the totals.

We are requesting each vendor to review the proposed renegotiated pricing highlighted in light blue. The pricing would be identical for both vendors and the 2015 quantities would be split between both vendors with the exception of the inlet boxes.

Please let me know if you are in agreement with the att.

Sincerely,

Daniel Gombac
Director of Municipal Services
630-353-8106

Dan Gombac

From: Dave Trayser <Dave.Trayser@ads-pipe.com>
Sent: Tuesday, January 06, 2015 12:18 PM
To: Dan Gombac
Subject: Re: 2015 HDPE pricing

I don't want to put you in a bad position. I'm fine with splitting if that makes this easier for you. The pricing in Blue is fine with me.

Dave Trayser
Advanced Drainage Systems
630.973.7468
dave.trayser@ads-pipe.com

Sent from my iPhone

On Jan 6, 2015, at 10:14 AM, Dan Gombac <dgombac@darienil.gov> wrote:

> Dave:
>
> Any follow up on the below e-mail??
>
> *Daniel Gombac*
> *Director of Municipal Services*
> *630-353-8106*
>
> To receive important information from the City of Darien sign up for our electronic newsletter:
> *DARIEN DIRECT CONNECT*
> Follow the link below and subscribing is simple!
> http://www.darien.il.us/Departments/Administration/CityNews.html

From: Dan Gombac
Sent: Tuesday, December 30, 2014 2:40 PM
To: 'norwalkbid@att.ent'; 'Dave Trayser'
Cc: Maria Gonzalez
Subject: 2015 HDPE pricing

Gentleman:

The competitive quotes were very competitive and upon review certain unit prices were higher than the competitor, thereby by affecting the totals.

We are requesting each vendor to review the proposed renegotiated pricing highlighted in light blue. The pricing would be identical for both vendors and the 2015 quantities would be split between both vendors with the exception of the inlet boxes.

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting a proposal from Norwalk Tank Company for storm sewer structures, iron sewer grates, concrete adjusting rings as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department requires the use of storm sewer structures to be used for various Public Works projects, such as storm sewer replacements, and ditching projects.

Competitive quotes were requested for the storm sewer material, and staff received two (2) competitive quotes. See **Attachment A**. The lowest overall competitive quote was Norwalk Tank company. The request for quotes stipulated that pricing be held in place from May 1, 2015 through April 30, 2016.

The expenditure would come from the Street and Capital accounts, depending on the specific project requiring the storm structure material. The total estimated costs for all maintenance and budgetary programs for this item have been approximated to $90,000.00 pending Capital Project budget approval.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with Norwalk Tank Company.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

STORM SEWER STRUCTURES SUMMARY QUOTE REQUEST

				Kieft Bros		Norwalk Tank Company	
DESCRIPTION	**QUANTITY-RANGE**	**UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE**	**COSTS**	**UNIT PRICE**	**COSTS**
EXAMPLE:			*15*	*$ 1.00*	*$ 15.00*	*$ 1.00*	*$ 15.00*
A. EAST JORDAN HEAVY DUTY DITCH GRATE-MODEL NO 6527 OR EQUIVALENT	15 - 250	EACH	15	$ 180.00	$ 2,700.00	$ 132.00	$ 1,980.00
B. TYPE A -INLETS 30-INCH O.D. X 24-INCH I.D. 18-INCH HIGH WITH TWO HOLES-HOLES ARE STRAIGHT THROUGH	15 - 250	EACH	15	$ 80.00	$ 1,200.00	$ 64.00	$ 960.00
C. TYPE A -INLETS 30-INCH O.D. X 24-INCH I.D. 24-INCH HIGH WITH TWO HOLES-HOLES ARE STRAIGHT THROUGH	15 - 250	EACH	15	$ 95.00	$ 1,425.00	$ 68.00	$ 1,020.00
D. TYPE A -INLETS 30-INCH O.D. X 24-INCH I.D. 30-INCH HIGH WITH TWO HOLES-HOLES ARE STRAIGHT THROUGH	10 - 250	EACH	10	$ 115.00	$ 1,150.00	$ 77.00	$ 770.00
E. TYPE C-CATCH BASIN 30-INCH O.D. X 24-INCH I.D. 36-INCH HIGH WITH TWO HOLES-UP TO 3 HOLES MAY BE REQUIRED	5 - 100	EACH	5	$ 140.00	$ 700.00	$ 86.50	$ 432.50
F. 1-INCH CONCRETE RING	8 - 100	EACH	8	$ 15.00	$ 120.00	$ 9.50	$ 76.00
G. 2-INCH CONCRETE RING	5 - 100	EACH	5	$ 15.00	$ 75.00	$ 10.00	$ 50.00
H. 3-INCH CONCRETE RING	5 - 100	EACH	5	$ 23.00	$ 115.00	$ 12.00	$ 60.00
I. 4-INCH CONCRETE RING	5 - 100	EACH	5	$ 23.00	$ 115.00	$ 14.00	$ 70.00
J. 6-INCH CONCRETE RING	5 - 100	EACH	5	$ 27.00	$ 135.00	$ 17.50	$ 87.50
K. 8-INCH CONCRETE RING	5 - 100	EACH	5	$ 30.00	$ 150.00	$ 25.50	$ 127.50
TOTAL COSTS A - K					$ 7,885.00		$ 5,633.50
QUOTE AWARDED ON TOTAL COST							

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FROM NORWALK TANK COMPANY FOR STORM SEWER STRUCTURES, IRON SEWER GRATES, CONCRETE ADJUSTING RINGS AT THE PROPOSED UNIT PRICES FOR VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien does hereby accept a proposal from Norwalk Tank Company to provide storm sewer structures, iron sewer grates, concrete adjusting rings at the proposed unit prices for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

Entered 12-16-14

EXHIBIT A

STORM SEWER STRUCTURES SUMMARY QUOTE REQUEST

DESCRIPTION	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE	COSTS
EXAMPLE:			*15*	*$ 1.00*	*$ 15.00*
A. EAST JORDAN HEAVY DUTY DITCH GRATE-MODEL NO 6527 OR EQUIVALENT	15 - 250	EACH	15	132.00	$1,980.00
B. TYPE A -INLETS 30-INCH O.D. X 24-INCH I.D. 18-INCH HIGH WITH TWO HOLES-HOLES ARE STRAIGHT THROUGH	15 - 250	EACH	15	$64.00	$960.00
C. TYPE A -INLETS 30-INCH O.D. X 24-INCH I.D. 24-INCH HIGH WITH TWO HOLES-HOLES ARE STRAIGHT THROUGH	15 - 250	EACH	15	$68.00	$1,020.00
D. TYPE A -INLETS 30-INCH O.D. X 24-INCH I.D. 30-INCH HIGH WITH TWO HOLES-HOLES ARE STRAIGHT THROUGH	10 - 250	EACH	10	$77.00	$770.00
E. TYPE C-CATCH BASIN 30-INCH O.D. X 24-INCH I.D. 36-INCH HIGH WITH TWO HOLES-UP TO 3 HOLES MAY BE REQUIRED	5 - 100	EACH	5	$86.50	$432.50
F. 1-INCH CONCRETE RING	8 - 100	EACH	8	$9.50	$76.00
G. 2-INCH CONCRETE RING	5 - 100	EACH	5	$10.00	$50.00
H. 3-INCH CONCRETE RING	5 - 100	EACH	5	$12.00	$60.00
I. 4-INCH CONCRETE RING	5 - 100	EACH	5	$14.00	$70.00
J. 6-INCH CONCRETE RING	5 - 100	EACH	5	$17.50	$87.50
K. 8-INCH CONCRETE RING	5 - 100	EACH	5	$25.50	$127.50
TOTAL COSTS A - K					$5,633.50
QUOTE AWARDED ON TOTAL COST					
Company Name:	NORWALK TANK COMPANY				
Address:	2121 MAPLE RD., JOLIET, IL. 60432				
Submitted By:	MARK S. KUHAJDA				
Date:	12/12/14				
Telephone Number:	815-726-3351				
Fax Number:	815-726-2945				
E-mail Address:	norwalkbid@att.net				
Authorized Signature:	Mark S Kuhajda				

Note: Product delivery must be available within four (4) days, excluding specialized concrete products.

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting a proposal from Norwalk Tank Company for Culvert Metal Pipes, Metal Bands and Metal Flared End Sections and fittings as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department requires the use of culvert metal pipes and connectors to be used for various Public Works projects, such as driveway culvert replacements, storm sewer replacements and ditching projects.

Competitive quotes were requested, and staff received two (2) competitive quotes, attached as **Attachment A**. The lowest competitive total cost quote was provided by Norwalk Tank Company. The request for proposals requested pricing to be from May 1, 2015 to April 30, 2016.

The expenditure would come from the Street and Capital accounts, depending on the specific project requiring the pipe material. The total estimated costs for all maintenance and budgetary programs utilizing the proposed material are approximately $75,000.00 pending Capital Project budget approval.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with Norwalk Tank Company.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

CULVERT METAL PIPE MATERIAL QUOTE REQUEST

DESCRIPTION	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	Kieft Bros UNIT PRICE	Kieft Bros COSTS	Norwalk Tank Co UNIT PRICE	Norwalk Tank Co COSTS
EXAMPLE:			*500*	*$ 1.00*	*$ -*	*$ 1.00*	*$ -*
12-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 6,000	LINEAL FOOT	500	$ 12.00	$ 6,000.00	$ 7.63	$ 3,815.00
15-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 3,500	LINEAL FOOT	500	$ 15.00	$ 7,500.00	$ 9.61	$ 4,805.00
18-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 3,500	LINEAL FOOT	500	$ 18.00	$ 9,000.00	$ 11.41	$ 5,705.00
A. 24-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 3,500	LINEAL FOOT	500	$ 24.00	$ 12,000.00	$ 15.27	$ 7,635.00
B. 42-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 3,500	LINEAL FOOT	500	$ 68.00	$ 34,000.00	$ 30.80	$ 15,400.00
C. 12-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 12.00	$ 600.00	$ 11.45	$ 572.50
D. 15-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 15.00	$ 750.00	$ 14.42	$ 721.00
E. 18-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 18.00	$ 900.00	$ 16.68	$ 834.00
F. 24-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 24.00	$ 1,200.00	$ 22.90	$ 1,145.00
G. 42-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 80.00	$ 4,000.00	$ 46.20	$ 2,310.00
H. 12-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 200	EACH	50	$ 83.00	$ 4,150.00	$ 55.53	$ 2,776.50
I. 15-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 200	EACH	50	$ 100.00	$ 5,000.00	$ 69.09	$ 3,454.50
J. 18-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 100	EACH	50	$ 130.00	$ 6,500.00	$ 87.79	$ 4,389.50
K. 24-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 100	EACH	50	$ 200.00	$ 10,000.00	$ 128.58	$ 6,429.00
L. 42-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 100	EACH	50	$ 1,130.00	$ 56,500.00	$ 685.09	$ 34,254.50
TOTAL COSTS A - L					$ 158,100.00		$ 94,246.50

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FROM NORWALK TANK COMPANY FOR CULVERT METAL PIPES, METAL BANDS AND METAL FLARED END SECTIONS AND FITTINGS AT THE PROPOSED UNIT PRICES FOR VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien does hereby accept a proposal from Norwalk Tank company to provide culvert metal pipes, metal bands and metal flared end sections and fittings at the proposed unit prices for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

ordered 12-17-14 mw

CULVERT METAL PIPE MATERIAL QUOTE REQUEST

EXHIBIT A

PIPE QUOTED IS ANNULAR RIVETED - NOT SPIRAL

DESCRIPTION	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE	COSTS
EXAMPLE:			*500*	*$ 1.00*	*$ 500.00*
12-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 6,000	LINEAL FOOT	500	$ 7.63	$3,815.00
15-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 3,500	LINEAL FOOT	500	$ 9.61	$4,805.00
18-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 3,500	LINEAL FOOT	500	$ 11.41	$5,705.00
A. 24-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 3,500	LINEAL FOOT	500	$ 15.27	$7,635.00
B. 42-INCH GALVINIZED 16 GAUGE CULVERT METAL PIPE	500 - 3,500	LINEAL FOOT	500	$ 30.80	$15,400.00
C. 12-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 11.45	$572.50
D. 15-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 14.42	$721.00
E. 18-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 16.68	$834.00
F. 24-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 22.90	$1,145.00
G. 42-INCH CONNECTOR BAND	50 - 200	EACH	50	$ 46.20	$2,310.00
H. 12-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 200	EACH	50	$55.53	$2,776.50
I. 15-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 200	EACH	50	$ 69.09	$3,454.50
J. 18-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 100	EACH	50	$ 87.79	$4,389.50
K. 24-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 100	EACH	50	$ 128.58	$6,429.00
L. 42-INCH FLARED END CONNECTOR WITH BOLTS FOR CMP	50 - 100	EACH	50	$685.09	$34,254.50
TOTAL COSTS A - L					$94,246.50
QUOTE AWARDED ON TOTAL COST					
Company Name:	NORWALK TANK COMPANY				
Address:	2121 MAPLE RD, JOLIET, IL. 60432				
Submitted By:	MARK S. KUHATOH				
Date:	12/17/14				
Telephone Number:	815-726-3351				
Fax Number:	815-726-2945				
E-mail Address:	norwalkbid@att.net				
Authorized Signature:	Mark S Kuhatoh				

Note: Product delivery must be available within 72 hours for minimal delivery. A minimal delivery has been determined to be a 150 lineal ft. All other deliveries shall be made available for City pick up or delivery within 5 days.

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting the unit price proposal for bituminous products from K-Five Construction for Public Works projects for a period from May 1, 2015 to April 30, 2016.

BACKGROUND

During the year the department removes and replaces various storm sewers and culvert pipes across driveway aprons and roadways for various Public Works projects. Restoration includes establishing uniform cuts, and the placement of binder and surface bituminous products.

Competitive quotes were requested for unit prices for binder and surface asphalt, and staff received two (2) competitive quotes. See **Attachment A**. While K-Five provided the lowest overall cost, Staff negotiated with K-Five to lower the unit cost of the surface mix to the competitor's unit cost. The request for quotes stipulated that pricing be held in place from May 1, 2015 to April 30, 2016.

The expenditure would come from the Water, Street and Capital accounts, depending on the specific project. The total estimated costs for all maintenance and budgetary programs for the bituminous products are estimated at approximately $45,000.00.

STAFF RECOMMENDATION

Staff recommends approval of the proposed resolution K-Five Construction.

Alternate Consideration

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

Attachment A

				Central Blacktop Co., Inc.		K-Five Construction		K-Five Construction-RENEGOTIATED	
DESCRIPTION	**QUANTITY-RANGE**	**UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE PICKED UP**	**COSTS**	**UNIT PRICE PICKED UP**	**COSTS**	**UNIT PRICE PICKED UP**	**COSTS**
EXAMPLE:			*200*	*$ 1.00*	*$ 200.00*	*$ 1.00*	*$ 200.00*	*$ 1.00*	*$ 200.00*
A. HMA SURFACE, MIX C, N50	200 - 2,000	TON	200	$ 56.00	$ 11,200.00	$ 56.50	$ 11,300.00	$ 56.00	$ 11,200.00
B. HMA BINDER COURSE, IL-19.0,N50	200 - 2,000	TON	200	$ 52.00	$ 10,400.00	$ 51.00	$ 10,200.00	$ 51.00	$ 10,200.00
TOTAL COSTS A + B					$ 21,600.00		$ 21,500.00		$ 21,400.00
QUOTE AWARDED ON TOTAL COST									

Peggy Patino

From: Dan Gombac
Sent: Thursday, January 08, 2015 3:43 PM
To: scottp@kfive.net
Cc: Peggy Patino
Subject: Bituminous Product Quote
Attachments: Asphalt quantities 15 Picked up-rcvd.xls

Good afternoon Scott:

As per our conversation this afternoon, K-Five has agreed to reduce the unit cots if the Surface Mix to $56/ton from $56.50.

Thank you for your time and consideration.

Sincerely,

Daniel Gombac
Director of Municipal Services
630-353-8106

RESOLUTION NO._____

A RESOLUTION ACCEPTING THE UNIT PRICE PROPOSAL FOR BITUMINOUS PRODUCTS FROM K-FIVE CONSTRUCTION FOR PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby accepts a proposal from K-Five Construction for unit pricing for bituminous products as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

BITUMINOUS PRODUCT QUOTE

DESCRIPTION	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE PICKED UP	COSTS	UNIT PRICE PICKED UP	COSTS
EXAMPLE:			*200*	*$ 1.00*	*$ 200.00*	*$ 1.00*	*$ 200.00*
A. HMA SURFACE, MIX C, N50	200 - 2,000	TON	200	56.50	11,300.00	—	—
B. HMA BINDER COURSE, IL-19.0,N50	200 - 2,000	TON	200	51.00	10,200.00	—	—
TOTAL COSTS A + B					21,500.00		
QUOTE AWARDED ON TOTAL COST							

56 = See att e-mail 01/08/15

Company Name:	K-Five Construction
Address:	13769 main St. Lemont, IL
Submitted By:	Scott Pirkins
Date:	12/12/14
Telephone Number:	630-257-5600
Mobile Telephone Number:	630-768-7821
Fax Number:	630-257-6788
E-mail Address:	Scottp@K-Five.net
Authorized Signature:	Scott Pirkins

AGENDA MEMO
Municipal Services Committee
January 26, 2015

ISSUE STATEMENT

A resolution accepting a proposal from **Pavement Systems Inc.** and **Scorpio Construction** for the removal and replacement of bituminous aprons and road patches at the proposed unit pricing as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department removes and replaces various storm sewers, culvert pipes and water main break repairs across driveway aprons and roadways for various Public Works projects. Restoration for the driveways includes establishing uniform cuts, asphalt removal and replacement.

Competitive quotes were requested for the removal and replacement of bituminous aprons and road patches, and staff received two (2) competitive quotes. See **Attachment A**. The lowest overall competitive quote is Scorpio Construction. Upon review of the unit prices and based on a quantity multiplier of the specified work, both vendors could be considered to provide the lowest competitive quote.

Staff had contacted both vendors and both agreed to match the pricing of the lowest quote submitted, see **Attachment B**, Renegotiated column. Staff would award each vendor a 50/50 split for the upcoming work. The request for quotes stipulated that pricing be held in place from May 1, 2015 through April 30, 2016. Please note that similar negotiations had occurred in 2013 and 2014 with both vendors.

The expenditure would come from the Water, Street and Capital accounts, depending on the specific project. The total estimated costs for all maintenance and budgetary programs for the bituminous products are estimated at approximately $176,000.00 pending Capital Project budget approval. Scorpio Construction and Pavement Systems have provided services for the City in the past with very satisfactory results.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with Scorpio Construction Corporation and Pavement Systems Inc.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

ATTACHMENT A

				Pavement Systems		Scorpio	
DESCRIPTION	**QUANTITY-RANGE**	**UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*
A. BITUMINOUS DRIVEWAY APRONS COST FOR PREPERATION AND PLACEMENT OF 3-INCHES-BITUMINOUS SURFACE-INCLUDED IS SAWCUTING AND COMPACTION	Less than 50	SQUARE YARD	SQUARE YARD	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00
	50 - 100	SQUARE YARD	SQUARE YARD	$ 64.00	$ 6,400.00	$ 54.00	$ 5,400.00
	101 - 200	SQUARE YARD	SQUARE YARD	$ 50.00	$ 10,000.00	$ 51.00	$ 10,200.00
B. BITUMINOUS ROADWAY PATCHES/CROSSING COST FOR PREPERATION AND PLACEMENT OF 5-INCHES-BITUMINOUS SURFACE (3 INCHES BINDER AND 2 INCHES BITUMINOUS SURFACE)-INCLUDED IS SAWCUTING AND COMPACTION	200 +	SQUARE YARD	SQUARE YARD	$ 63.00	$ 12,600.00	$ 62.00	$ 12,400.00
TOTAL COSTS A + B				$ 241.00	$ 32,200.00	$ 231.00	$ 31,200.00

				Pavement Systems		Pavement Systems-NEGOTIATED		Scorpio Construction		Scorpio Construction NEGOTIATED	
DESCRIPTION	**QUANTITY-RANGE**	**UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*
A. BITUMINOUS DRIVEWAY APRONS COST FOR PREPERATION AND PLACEMENT OF 3-INCHES-BITUMINOUS SURFACE-INCLUDED IS SAWCUTING AND COMPACTION	Less than 50	SQUARE YARD	SQUARE YARD	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00
	50 - 100	SQUARE YARD	SQUARE YARD	$ 64.00	$ 6,400.00	$ 54.00	$ 5,400.00	$ 54.00	$ 5,400.00	$ 54.00	$ 5,400.00
	101 - 200	SQUARE YARD	SQUARE YARD	$ 50.00	$ 10,000.00	$ 50.00	$ 10,000.00	$ 51.00	$ 10,200.00	$ 50.00	$ 10,000.00
B. BITUMINOUS ROADWAY PATCHES/CROSSING COST FOR PREPERATION AND PLACEMENT OF 5-INCHES-BITUMINOUS SURFACE (3 INCHES BINDER AND 2 INCHES BITUMINOUS SURFACE)-INCLUDED IS SAWCUTING AND COMPACTION	200 +	SQUARE YARD	SQUARE YARD	$ 63.00	$ 12,600.00	$ 62.00	$ 12,400.00	$ 62.00	$ 12,400.00	$ 62.00	$ 12,400.00
TOTAL COSTS A + B				$ 241.00	$ 32,200.00	$ 230.00	$ 31,000.00	$ 231.00	$ 31,200.00	$ 230.00	$ 31,000.00

entered 12-19-14 MW

BITUMINOUS SURFACE DRIVEWAY APRONS/STREET SUMMARY QUOTE REQUEST

ATTACHMENT A

DESCRIPTION	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE PER SQUARE YARD	COSTS
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*
A. BITUMINOUS DRIVEWAY APRONS COST FOR PREPERATION AND PLACEMENT OF 3-INCHES-BITUMINOUS SURFACE-INCLUDED IS SAWCUTING AND COMPACTION	Less than 50	SQUARE YARD	SQUARE YARD	$ 64.00	$ 3,200.00
	50 - 100	SQUARE YARD	SQUARE YARD	~~$ 54.00~~ 64.00	$ 6400.00
	101 - 200	SQUARE YARD	SQUARE YARD	$ 50.00	$ 10,000.00
B. BITUMINOUS ROADWAY PATCHES/CROSSING COST FOR PREPERATION AND PLACEMENT OF 5-INCHES-BITUMINOUS SURFACE (3 INCHES BINDER AND 2 INCHES BITUMINOUS SURFACE)-INCLUDED IS SAWCUTING AND COMPACTION	200 +	SQUARE YARD	SQUARE YARD	62.00 ~~$ 63.00~~	$ 12,600
TOTAL COSTS A + B					$ 32,200
QUOTE AWARDED ON TOTAL COST					
Company Name:	PAVEMENT SYSTEMS INC				
Address:	13820 S. CALIFORNIA AVE BLUE ISLAND IL 60406				
Submitted By:	JAMES J LAND				
Date:	12/18/14				
Telephone Number:	708-396-0220				
Mobile Telephone Number:	708-601-0526				
Fax Number:	708-396-8893				
E-mail Address:	jayl@pavementsystems.com				
Authorized Signature:					

N:\Ditch Regrading\2015\Asphalt Quantities for drwwy aprons 15

BITUMINOUS SURFACE DRIVEWAY APRONS/STREET SUMMARY QUOTE REQUEST

DESCRIPTION	QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE PER SQUARE YARD	COSTS
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*
A. BITUMINOUS DRIVEWAY APRONS COST FOR PREPERATION AND PLACEMENT OF 3-INCHES-BITUMINOUS SURFACE-INCLUDED IS SAWCUTING AND COMPACTION	Less than 50	SQUARE YARD	SQUARE YARD	64	3200
	50 - 100	SQUARE YARD	SQUARE YARD	54	5400
	101 - 200	SQUARE YARD	SQUARE YARD	~~51~~ 50 Renegotiated	10,200
B. BITUMINOUS ROADWAY PATCHES/CROSSING COST FOR PREPERATION AND PLACEMENT OF 5-INCHES-BITUMINOUS SURFACE (3 INCHES BINDER AND 2 INCHES BITUMINOUS SURFACE)-INCLUDED IS SAWCUTING AND COMPACTION	200 +	SQUARE YARD	SQUARE YARD	62	12,400
TOTAL COSTS A + B				231	31,200.00
QUOTE AWARDED ON TOTAL COST					

Company Name:	Scorpio Construction Corp.
Address:	103 Oswego Plains Dr. Oswego, IL. 60543
Submitted By:	Bruno Benedino
Date:	12/19/14
Telephone Number:	630-554-0397
Mobile Telephone Number:	630-915-6060
Fax Number:	630-554-6441
E-mail Address:	Scorpioconst@yahoo.com
Authorized Signature:	Bruno Benedino

Peggy Patino

From: Dan Gombac
Sent: Thursday, January 22, 2015 9:57 AM
To: Peggy Patino; Bruno Rendina
Subject: FW: 2015 Asphalt Maintenance Revised

Thank you Bruno

Daniel Gombac
Director of Municipal Services
630-353-8106

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Follow the link below and subscribing is simple!
http://www.darien.il.us/Departments/Administration/CityNews.html

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From: Bruno [mailto:scorpioconst@yahoo.com]
Sent: Thursday, January 22, 2015 9:41 AM
To: Dan Gombac
Subject: Re: 2015 Asphalt Maintenance Revised

Dan,

Scorpio Construction agrees to the revised cost schedule as dated 1-22-15.

Thank you,

Bruno Rendina
Scorpio Const.

On Jan 22, 2015, at 9:31 AM, Dan Gombac <dgombac@darienil.gov> wrote:

> Bruno and Jay:
>
> Attached is a revised cost schedule. Please review and respond that we are in agreement.
>
> *Daniel Gombac*
> *Director of Municipal Services*
> *630-353-8106*

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From: Dan Gombac
Sent: Wednesday, January 21, 2015 10:50 AM
To: 'Jay Land'; 'Bruno Rendina'
Cc: Bryon Vana; Peggy Patino
Subject: 2015 Asphalt Maintenance

Good morning Gentlemen:

City Staff has been requested to review the recent competitive quotes for the 2014 Bituminous Surface Driveway Aprons and Streets Quote.
Upon review of the asphalt pricing schedule the figures become skewed as the quantities are adjusted. This year's pricing is more competitive than in 2013 and 2014. Attached for your reference are the renegotiated quotes for 2013 and 2014. Both companies have agreed to renegotiate and split the quantities in the previous years.

The City staff is requesting that Pavement System and Scorpio Construction agree to renegotiate for the 2015 as per the attached 2015 revised pricing.
Each vendor would take half of each proposed project or alternate as agreed upon prior to commencement of the work. Please note this item will be forwarded for discussion to the Municipal Services Committee scheduled for January 26, 2015.

Upon receipt of this e-mail please confirm the above understanding and thank you for your consideration.

Sincerely,

Daniel Gombac
Director of Municipal Services
630-353-8106

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Peggy Patino

From: Dan Gombac
Sent: Thursday, January 22, 2015 10:24 AM
To: Jay Land
Cc: Peggy Patino
Subject: RE: 2015 Asphalt Maintenance Revised

Thanks Jay

Daniel Gombac
Director of Municipal Services
630-353-8106

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---

From: Jay Land [mailto:JayL@pavementsystems.com]
Sent: Thursday, January 22, 2015 10:22 AM
To: Dan Gombac
Subject: RE: 2015 Asphalt Maintenance Revised

Dan,

Pavement Systems agrees with the negotiated prices and the 50/50 split of the work.

Thanks,

James (Jay) J. Land

Pavement Systems, Inc.

13820 S. California Ave

Blue Island, IL 60406

Phone 708-396-8888 ext. 17

Fax 708-396-8893

From: Dan Gombac [mailto:dgombac@darienil.gov]
Sent: Thursday, January 22, 2015 9:31 AM
To: Jay Land; Bruno Rendina
Cc: Bryon Vana; Peggy Patino
Subject: RE: 2015 Asphalt Maintenance Revised

Bruno and Jay:

Attached is a revised cost schedule. Please review and respond that we are in agreement.

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Dan Gombac
Sent: Wednesday, January 21, 2015 10:50 AM
To: 'Jay Land'; 'Bruno Rendina'
Cc: Bryon Vana; Peggy Patino
Subject: 2015 Asphalt Maintenance

Good morning Gentlemen:

City Staff has been requested to review the recent competitive quotes for the 2014 Bituminous Surface Driveway Aprons and Streets Quote.
Upon review of the asphalt pricing schedule the figures become skewed as the quantities are adjusted. This year's pricing is more competitive than in 2013 and 2014. Attached for your reference are the renegotiated quotes for 2013 and 2014. Both companies have agreed to renegotiate and split the quantities in the previous years.

The City staff is requesting that Pavement System and Scorpio Construction agree to renegotiate for the 2015 as per the attached 2015 revised pricing.
Each vendor would take half of each proposed project or alternate as agreed upon prior to commencement of the work.
Please note this item will be forwarded for discussion to the Municipal Services Committee scheduled for January 26, 2015.

Upon receipt of this e-mail please confirm the above understanding and thank you for your consideration.

Sincerely,

Daniel Gombac
Director of Municipal Services

630-353-8106

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RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FROM PAVEMENT SYSTEMS INC. FOR THE REMOVAL AND REPLACEMENT OF BITUMINOUS APRONS AND ROAD PATCHES AT THE PROPOSED UNIT PRICING AS REQUIRED FOR VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby accepts a proposal from Pavement Systems Inc. for the removal and replacement of bituminous aprons and road patches at the proposed unit pricing as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

BITUMINOUS SURFACE DRIVEWAY APRONS/STREET SUMMARY QUOTE RECEIVED **EXHIBIT A**

				Pavement Systems		Pavement Systems-NEGOTIATED		Scorpio Construction		Scorpio Construction NEGOTIATED	
DESCRIPTION	**QUANTITY-RANGE**	**UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*
A. BITUMINOUS DRIVEWAY APRONS COST FOR PREPERATION AND PLACEMENT OF 3-INCHES-BITUMINOUS SURFACE-INCLUDED IS SAWCUTING AND COMPACTION	Less than 50	SQUARE YARD	SQUARE YARD	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00
	50 - 100	SQUARE YARD	SQUARE YARD	$ 64.00	$ 6,400.00	$ 54.00	$ 5,400.00	$ 54.00	$ 5,400.00	$ 54.00	$ 5,400.00
	101 - 200	SQUARE YARD	SQUARE YARD	$ 50.00	$ 10,000.00	$ 50.00	$ 10,000.00	$ 51.00	$ 10,200.00	$ 50.00	$ 10,000.00
B. BITUMINOUS ROADWAY PATCHES/CROSSING COST FOR PREPERATION AND PLACEMENT OF 5-INCHES-BITUMINOUS SURFACE (3 INCHES BINDER AND 2 INCHES BITUMINOUS SURFACE)-INCLUDED IS SAWCUTING AND COMPACTION	200 +	SQUARE YARD	SQUARE YARD	$ 63.00	$ 12,600.00	$ 62.00	$ 12,400.00	$ 62.00	$ 12,400.00	$ 62.00	$ 12,400.00
TOTAL COSTS A + B				$ 241.00	$ 32,200.00	$ 230.00	$ 31,000.00	$ 231.00	$ 31,200.00	$ 230.00	$ 31,000.00

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FROM SCORPIO CONSTRUCTION FOR THE REMOVAL AND REPLACEMENT OF BITUMINOUS APRONS AND ROAD PATCHES AT THE PROPOSED UNIT PRICING AS REQUIRED FOR VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby accepts a proposal from Scorpio Construction for the removal and replacement of bituminous aprons and road patches at the proposed unit pricing as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

				Pavement Systems		Pavement Systems-NEGOTIATED		Scorpio Construction		Scorpio Construction NEGOTIATED	
DESCRIPTION	**QUANTITY-RANGE**	**UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**	**UNIT PRICE PER SQUARE YARD**	**COSTS**
EXAMPLE:			*100*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*	*$ 1.00*	*$ 100.00*
A. BITUMINOUS DRIVEWAY APRONS COST FOR PREPERATION AND PLACEMENT OF 3-INCHES-BITUMINOUS SURFACE-INCLUDED IS SAWCUTING AND COMPACTION	Less than 50	SQUARE YARD	SQUARE YARD	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00	$ 64.00	$ 3,200.00
	50 - 100	SQUARE YARD	SQUARE YARD	$ 64.00	$ 6,400.00	$ 54.00	$ 5,400.00	$ 54.00	$ 5,400.00	$ 54.00	$ 5,400.00
	101 - 200	SQUARE YARD	SQUARE YARD	$ 50.00	$ 10,000.00	$ 50.00	$ 10,000.00	$ 51.00	$ 10,200.00	$ 50.00	$ 10,000.00
B. BITUMINOUS ROADWAY PATCHES/CROSSING COST FOR PREPERATION AND PLACEMENT OF 5-INCHES-BITUMINOUS SURFACE (3 INCHES BINDER AND 2 INCHES BITUMINOUS SURFACE)-INCLUDED IS SAWCUTING AND COMPACTION	200 +	SQUARE YARD	SQUARE YARD	$ 63.00	$ 12,600.00	$ 62.00	$ 12,400.00	$ 62.00	$ 12,400.00	$ 62.00	$ 12,400.00
TOTAL COSTS A + B				$ 241.00	$ 32,200.00	$ 230.00	$ 31,000.00	$ 231.00	$ 31,200.00	$ 230.00	$ 31,000.00

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting a proposal from Ziebell for Pressure Pipe, as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department requires the use of Pressure Pipe to be used for various Public Works projects, such as storm sewer replacements and ditching projects. The pressure pipe is further required to meet the EPA requirements when a water main is adjacent to a storm water main.

Competitive quotes were requested for the pipes and staff received three (3) competitive quotes. See **Attachment A**. The lowest competitive total quote was provided by Ziebell. The request for quotes stipulated that pricing be held in place from May 1, 2015 to April 30, 2016.

The expenditure would come from the Street and Capital accounts, depending on the specific project requiring the pipe material. The total estimated costs for all maintenance and budgetary programs for the material have been estimated at approximately $75,000.00 pending Capital Project budget approval.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with Ziebell for Pressure Pipe.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

SDR PRESSURE PIPE QUOTE RECEIVED

				HD SUPPLY		C&M PIPE AND SUPPLY		Ziebell Water Service	
DESCRIPTION	**MINIMAL QUANTITY-RANGE**	**MAXIMUM QUANTITY-RANGE**	**UNIT**	**UNIT PRICE**	**TOTAL**	**UNIT PRICE**	**TOTAL**	**UNIT PRICE**	**TOTAL**
12-INCH SDR 26 PRESSURE PIPE C-905 DR 25 PVC Watermain Pipe	500	2,500	LINEAL FOOT	$ 15.87	$ 39,675.00	$ 19.80	$ 49,500.00	$ 14.15	$ 35,375.00
15-INCH SDR 26 PRESSURE PIPE C-905 DR 25 PVC Watermain Pipe	500	2,500	LINEAL FOOT	$ 30.02	$ 75,050.00	$ 32.50	$ 81,250.00	$ 27.65	$ 69,125.00
Total				$ 45.89	$ 114,725.00	$ 52.30	$ 130,750.00	$ 41.80	$ 104,500.00

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FROM ZIEBELL WATER SERVICE PRODUCTS INC. FOR PRESSURE PIPE AS REQUIRED FOR VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien does hereby accept a proposal from Ziebell Water Service Products Inc. as required for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

EXHIBIT A

SDR 26 JOINT PIPE MATERIAL QUOTE REQUEST

Entered 12-19-14 VMO

DESCRIPTION	QUANTITY-RANGE	UNIT	UNIT PRICE	TOTAL
12-INCH SDR 26 PRESSURE PIPE Or PVC ~~C-905 DR~~ 25 W.M.	500 - 2,500	LINEAL FOOT	14.15 ft	$ 7,075.00
16-INCH ~~SDR 26~~ PRESSURE PIPE OR PVC C-905 DR 25 W.M.	500 - 2,500	LINEAL FOOT	27.65 ft.	$ 13,825.00
Total				$ 20,900.00
Company Name:	Ziebell Water Service Products, Inc.			
Address:	2001 Pratt Blvd. Elk Grove Village IL 60007			
Submitted By:	Robert Mroz			
Date:	December 18th 2014			
Telephone Number:	847-364-0670			
Mobile Telephone Number:	847-417-3374			
Fax Number:	847-364-4789			
E-mail Address:	robertmroz@comcast.net			
Authorized Signature:	Robert Mroz			

Note: Hauling will be provded through a City contracted trucking vendor and/or City of Darien

N:\Ditch Regrading\2015\Culvert Quantities-2015-SDR 26-revised

X:\Agenda backup\Public Works Agendas\2015\January 26, 2015\Supporting Documentation\Exhibit A-2015 Pressure Pipe.pdf

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **resolution** accepting a proposal from DuPage Topsoil Inc. at the proposed schedule of prices for topsoil for various Public Works projects for a period of May 1, 2015 through April 30, 2016.

BACKGROUND

During the year the department requires the use of topsoil for landscape restoration for various Public Works projects, such as water main breaks, storm sewer replacements and ditching projects.

Competitive quotes were requested for the topsoil, and staff received three (3) competitive quotes. See **Attachment A**. The lowest competitive total cost quote was DuPage Topsoil. The proposed resolution would allow the City to pick up topsoil from the dirt fields and allow delivery of the product for larger projects. The request for quotes stipulated that pricing be held in place from May 1, 2015 through April 30, 2016.

The expenditure would come from the Street and Capital accounts, depending on the specific project requiring the restoration. The total estimated costs for all maintenance and budgetary programs for the topsoil are estimated at approximately $50,000.00.

STAFF RECOMMENDATION

Staff recommends approval of this resolution with DuPage Topsoil Inc.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the February 2, 2015 City Council agenda for formal approval.

TOPSOIL QUOTE

					Tamling Romeoville		Tamling Willowbrook		DuPage Topsoil	
DESCRIPTION	**MINIMAL QUANTITY-RANGE**	**MAXIMUM QUANTITY-RANGE**	**UNIT**	**MULTIPLIER QUANTITY**	**UNIT PRICE PER CUBIC YARD**	**COSTS**	**UNIT PRICE PER CUBIC YARD**	**COSTS**	**UNIT PRICE PER CUBIC YARD**	**COSTS**
EXAMPLE:			*6-WHEELER-14 CUBIC YARDS*	*1,000*	*$ 1.00*	*$ 1,000.00*	*$ 1.00*	*$ 1,000.00*	*$ 1.00*	*$ 1,000.00*
A. PULVERIZED TOPSOIL **(PICKED UP BY CITY OF DARIEN)**	1,000	4,000	6-WHEELER-14 CUBIC YARDS	1,000	$ 12.00	$ 12,000.00	$ 28.00	$28,000.00	$ 12.15	$ 12,150.00
B. PULVERIZED TOPSOIL **(DELIVERED TO CITY OF DARIEN)**	1,000	4,000	6-WHEELER-14 CUBIC YARDS	1,000	$ 21.60	$ 21,600.00	$ 30.60	$30,600.00	$ 19.65	$ 19,650.00
C. PULVERIZED TOPSOIL **(DELIVERED TO CITY OF DARIEN)**	1,000	4,000	SEMI-20 CUBIC YARDS	1,000	$ 17.90	$ 17,900.00	$ 29.90	$29,900.00	$ 16.00	$ 16,000.00
TOTAL COSTS A+B+C					$ 51.50	$ 51,500.00	$ 88.50	$ 88,500.00	$ 47.80	$ 47,800.00

RESOLUTION NO._____

A RESOLUTION ACCEPTING A PROPOSAL FROM DUPAGE TOPSOIL INC. AT THE PROPOSED SCHEDULE OF PRICES, FOR TOPSOIL FOR VARIOUS PUBLIC WORKS PROJECTS FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby accepts a proposal from DuPage Topsoil Inc. at the proposed schedule of prices, for topsoil for various Public Works projects for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

Attention:
Director of Municipal Services
Ashley Procter
(Topsoil)

ENTERED 02/16/14 DD

p.1

TOPSOIL QUOTE

DESCRIPTION	MINIMAL QUANTITY-RANGE	MAXIMUM QUANTITY-RANGE	UNIT	MULTIPLIER QUANTITY	UNIT PRICE PER CUBIC YARD	COSTS
EXAMPLE:			*6-WHEELER-14 CUBIC YARDS*	*1,000*	*$ 1.00*	*$ 1,000.00*
A. PULVERIZED TOPSOIL (PICKED UP BY CITY OF DARIEN)	1,000	4,000	6-WHEELER-14 CUBIC YARDS	* 1000	$170.00 Per Load 12.15 Per yd	12,150
B. PULVERIZED TOPSOIL (DELIVERED TO CITY OF DARIEN)	1,000	4,000	6-WHEELER-14 CUBIC YARDS	1,000	$275.00 Per load 19.65 Per yd	19,650
C. PULVERIZED TOPSOIL (DELIVERED TO CITY OF DARIEN)	1,000	4,000	SEMI-20 CUBIC YARDS	1,000	$320.00 Per load 16.00 Per yd	16,000
TOTAL COSTS A+B+C						47,800
QUOTE AWARDED ON TOTAL COST						

Company Name:	Dupage Topsoil
Address:	540 Topsoil Dr. West Chicago IL 60185
Submitted By:	Troy McCord
Date:	12-9-14
Telephone Number:	630-682-4800
Mobile Telephone Number:	630-417-6177
Fax Number:	630-231-3764
E-mail Address:	T-MCCORD@Hotmail.Com
Authorized Signature:	T

* Note any truck smaller then a 6-wheeler Pick-up price is $20 Per Yard with a $40 Minimum

H:\Ditch Regrading\2015\Topsoil Quantities 15

AGENDA MEMO
Municipal Services Committee
January 26, 2015

Issue Statement
Preliminary approval for the following:

1. A motion authorizing the 2015 Emerald Ash Borer Treatment Plan (Phase 2)
2. Approval of a **resolution** authorizing the Mayor and City Clerk to execute a contract for the 2015 Emerald Ash Borer Treatment Plan with Tru-Green Inc in an amount not to exceed $165,000.

BACKGROUND/HISTORY
The City Council has periodically discussed and reviewed the Emerald Ash Borer treatments since 2010. The most recent action plan approved by the City Council on April 1, 2013, included the funding for the 1st Cycle of the Emerald Ash Borer Treatment. The overall program consists of 3 cycles, for a period of 6 years. Each Cycle application consist of injecting a product called Treeage and is effective for up to two years.

Prior to the commencement of the 1st Cycle the staff had inventoried and identified 2,613 Ash trees of which 366 trees have been removed. The inventory has been reduced to 2,357 Ash trees, or 9% less. Of the 2,357 trees 140 are on a "Watch List" and will be evaluated in Spring of 2015 for treatment or removal.

The process for the Treeage application is completed by drilling a required amount of small holes(s), pending the size of the tree, into the trunk. Once the holes are drilled, the insecticide, Treeage-Emamectin Benzoate, is injected with the recommended dosage, and plugs are used to seal the holes. The use of the product has been proven beneficial through research to date. Attached, please find an Emerald Ash Borer cost analysis summary labeled as **Attachment A**.

The 2013 program utilized the City's Arborist to purchase the Treeage product, supplies and equipment to treat the Ash Trees located within the City's parkway. The program was completed in house under the supervision of the City's arborist and temporary labor was also utilized. The total cost for the program excluding the full time salary was approximately $94,000. The total cost with the full time salary was approximately $144,500. Upon review of the in house program, the arborist's time was limited to responding to work orders and residents inquiries in a timely matter. Seeking additional temporary labor with an applicators license was unsuccessful.

The Staff is requesting that the proposed EAB Treatment Program-Cycle 2 be outsourced to Tru Green Inc at a cost not to exceed $165,000 versus the in-house program. The cost for the in-house program has been estimated at approximately $163,000 (**Attachment B**). Through the outsourcing the City Arborist will be in a position to carry out his daily responsibilities, including prompt resident responsiveness. Prior to the treatment each tree will be evaluated for mortality and a flyer will be forwarded to all residents with Ash trees labeled and attached as **Attachment C**. The Ash tree shall have a minimal healthy canopy coverage of 60% to be considered for treatment. Each affected resident shall receive a flyer informing them that the tree has been slated for treatment or removal.

Sealed bids were requested for supplying the Treeage Product and labor to treat all the parkway Ash trees. Staff had received four (4) competitive bids on December 23, 2014 and are attached and labeled as **Attachment D**. The lowest competitive bid is Tru Green and the company has provided various fertilizing services to the City in the past with very satisfactory results.

The proposed 2015 Emerald Ash Borer Treatment Program Cycle 2 would be funded, budget approval, from the following FY 15-16 Budget:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	FY 15-16 BUDGET	PROPOSED EXPENDITURE
25-35-4815	Emerald Ash Borer Cycle 1	$ 165,000	$ 163,226.38
	Contingency		$ 1,773.62
	TOTAL	**$ 165,000**	**$ 165,000.00**

COMMITTEE RECOMMENDATION

The Municipal Service Committee is requested to recommend:

1. Approval of the Emerald Ash Borer treatment-Cycle 2 of Ash trees located within the City parkways.
2. Approval of a resolution authorizing the Mayor and City Clerk to execute a contract for the 2015 Emerald Ash Borer Treatment Plan with Tru-Green Inc in an amount not to exceed $165,000.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on a future City Council agenda pending FY15-16 Budget approval.

A	B	C	D	E	F	G	H	I	J	K	
1	Inventory	Total No of Trees	No of Ash Trees	Difference (Other Tree Species)	Percentage of Ash Trees to Total Trees	Total Tree Diameter Inches (DBH) (Average is 20 inch DBH)	Tree-Age Chemical-Application Rate 48.2 Milliliters Per Inch	Cost Per Liter	Arbor Plugs - 9 Per Tree	Plug Costs	
2							5.40	$ 468.00		$ 0.45	
3	Section No 1	1594	20	1574	1.25%	400.00	2,160.00	$ 1,010.88	180.00	$ 81.00	
4	Section No 2	1869	631	1238	33.76%	12,620.00	68,148.00	$ 31,893.26	5,679.00	$ 2,555.55	
5	Section No 3	1577	507	1070	32.15%	10,140.00	54,756.00	$ 25,625.81	4,563.00	$ 2,053.35	
6	Section No 4	1994	659	1335	33.05%	13,180.00	71,172.00	$ 33,308.50	5,931.00	$ 2,668.95	
7	Section No 5	1922	796	1126	41.42%	15,920.00	85,968.00	$ 40,233.02	7,164.00	$ 3,223.80	
8	**Totals**	**8956**	**2613**	**6343**	**29.18%**	**52,260.00**	**282,204.00**	**$ 132,071.47**	**23,517.00**	**$ 10,582.65**	
9	Liters Required						**282.20**				
10		**8983**	**256**		**2.17%**						
11	**REVISED TO DATE OR ACTUALS**	**8727**	**2357**		**27.01%**	**35,070.00**	**156,131.00**	**$ 73,069.31**	**17,662.00**	**$ 7,947.90**	$ 87,534.66
12								$ 3,300.00			

13	Equipment Costs	Quantity	Unit Cost	Total Cost	ACTUAL COST
14	Arborjet Hydraulic Kit	1	$ 2,755.00	$ 2,755.00	$ 2,755.00
15	Secondary Air Pack	1	$ 255.55	$ 255.55	$ 255.55
16	Arborjet Viper Needle (2 Pack)	5	$ 25.46	$ 127.30	$ 127.30
17	Clean-Jet Cleaner	15	$ 7.92	$ 118.80	$ 39.60
		MISC			$ 40.00
18	**Total Equipment Cost**			**$ 3,256.65**	**$ 3,217.45**

19	Workforce Summary	No of Trees	Hours Per Tree	Total Hours Required	No of Working Weeks Required	No of Working Days Required
20	City Arborist	2583	0.5	1291.5	32.2875	161.44
21	**Labor**	**No of Employees**	**Total Hours Required**	**Rate of Pay**	**Unit**	**Total Cost**
20	Full Time	1	1291.5	34	Hourly	$ 43,911.00
22	Temporary Helper	1	495	10	Hourly	$ 6,500.00
23	Total Labor Cost					$ 50,411.00

24	**Proposed In House program**		
25	**Cost Summary for 2013-2019**	**Cycle 1-Year 1 2013**	**CYCLE 1- ACTUAL**
26	Insecticide	$ 132,071.47	$ 73,069.31
27			$ 3,300.00
28	Plugs	$ 10,582.65	$ 7,947.90
29	Equipment	$ 3,256.65	$ 3,217.45
30	Labor-Temporary Help	$ 25,830.00	$ 6,500.00
31	**Cost**	**$ 171,740.77**	**$ 94,034.66**
32	**Cost with Full Time Labor**		**$ 144,445.66**
	REMOVALS AND RESTORATION		$ 85,965.34
	REVISED COST-INCLUDING LANDSCAPING FOR THE REMOVALS		$ 180,000.00

ACCOUNT N0	ACCOUNT DESCRIPTION	2013/14 BUDGET	YTD EXPENDITURE	BALANCE
25-35-4815	EMERALD ASH BORER CYCLE 1	$ 180,000.00	$ 180,000.00	$ 0.00

2015 CYCLE 2 EAB TREATMENT PLAN

A	B	C	D	E	F	G	H	I	J	K
2	**Inventory**	**Total No of Trees**	**No of Ash Trees**	**Difference (Other Tree Species)**	**Percentage of Ash Trees to Total Trees**	**Total Tree Diameter Inches (DBH) (Average is 15.5 inch DBH)**	**Tree-Age Chemical-Application Rate 48.2 Milliliters Per Inch**	**Cost Per Liter**	**Arbor Plugs - 9-12 Per Tree**	**Plug Costs**
3							5.59	$ 559.00		$ 0.50
4	Section No 1	1565	11	1554	0.70%	170.50	953.10	$ 532.78	99.00	$ 49.50
5	Section No 2	1748	445	1303	25.46%	6,897.50	38,557.03	$ 21,553.38	4,005.00	$ 2,002.50
6	Section No 3	1510	418	1092	27.68%	6,479.00	36,217.61	$ 20,245.64	3,762.00	$ 1,881.00
7	Section No 4	1965	598	1367	30.43%	9,269.00	51,813.71	$ 28,963.86	7,176.00	$ 3,588.00
8	Section No 5	1842	745	1097	40.45%	11,547.50	64,550.53	$ 36,083.74	8,940.00	$ 4,470.00
9	**Totals**	**8630**	**2217**	**6413**	**25.69%**	**34,363.50**	**192,091.97**	**$ 107,379.41**	**19,953.00**	**$ 9,976.50**
10	Liters Required						**192.09**			

11	**Equipment Costs**	**Quantity**	**Unit Cost**	**Total Cost**	ACTUAL COST	
12	Arborjet Hydraulic Kit	0	$ -	$ -	$ -	
13	Secondary Air Pack	0	$ -	$ -	$ -	
14	Arborjet Viper Needle (2 Pack)	5	$ 60.00	$ 300.00	$ -	
15	Clean-Jet Cleaner	15	$ 8.00	$ 120.00	$ -	
		MISC		$ 1,000.00	$ -	
16	**Total Equipment Cost**			**$ 1,420.00**	**$ -**	**$ 1,420.00**

17	**Workforce Summary**	**No of Trees**	**Hours Per Tree**	**Total Hours Required**	**No of Working Weeks Required**	**No of Working Days Required**	**Rate of Pay/Hr**	**Salary Cost**
18	City Arborist	2217	0.5	1108.5	27.7125	138.56	$ 34.21	$ 37,921.79

19	**Labor-Temp**	**No of Temp Help**	**Total Hours Required**	**Rate of Pay**	**Unit**	**Total Cost**
20	Temporary Helper	1	1108.5	20	Hourly	$ 22,170.00

21	**Proposed In House program**		
22	**Cost Summary for 2015 CYCLE 2**	**Cycle 2-Year 3 2015**	**CYCLE 2- ACTUAL**
23	Insecticide	$ 107,379.41	$ -
			$ -
24	Plugs	$ 9,976.50	$ -
25	Equipment	$ 1,420.00	$ -
26	Labor-Temporary Help	$ 22,170.00	$ -
27	Cost	$ 140,945.91	
28	Cost with Full Time Employee	$ 22,170.00	
29	Cost with Full Time Employee	$ 163,115.91	

Dear Resident:

The City has identified an Ash Tree in the parkway fronting your residence. On Date-TBD, the City Council approved a treatment program for the Emerald Ash Borer that affects only Ash Trees. The trees will be treated by the City Arborist. Below, please find frequently asked questions and answers.

Will the City inspect privately owned trees?
The City of Darien has recently requested courtesy quotes for Darien residents with Ash trees. The recommended vendor is Tree and Turf Professionals and the contact person for Tree and Turf Professionals is Lyle McGinn.

Telephone No: 1-630-759-7389

E-mail Address: lmcginn@treeandturf.com

If a resident thinks that a private property tree may be infested with EAB, they should contact Tree and Turf Professional. Additional information and pricing may be found on the City's website at http://www.darien.il.us/Departments/MunicipalServices/EmeraldAshBorer.html

Does the insect harm any other trees? Humans?
No, EAB infests ONLY ash trees (Fraxinus spp.). It does not affect any other type of trees or plants. The insect does not pose any harm to humans and it is actually very unusual to even see adult beetles.

Treatment

What are the treatment options?
There are three common EAB treatment methods: trunk injection, soil drench/injection, and bark spray. The City is recommending the trunk injection treatment of emamectin benzoate (TREE-age®) because it has been proven the most effective treatment in University trials. This treatment lasts two years. Treatments can begin in the spring, so timing is everything. It is important to know that treatments are NOT a one-time thing; they may have to be repeated for the life of the tree. Additional information about all treatment types can be found at www.emeraldashborer.info

The parkway ash tree looks healthy, how do you know if it is infested?
There are several signs and symptoms infested trees begin to show after they are first infested. They are:
1. D-shaped exit holes – 1/8" inch holes left after adults exit the tree
2. Bark splits – vertical splits in the bark
3. S-shaped feeding galleries – can only be seen when bark is scraped or in bark splits
4. Woodpecker damage – missing or discolored bark beginning at the top of the tree
5. Crown Dieback – foliage at the top of the tree may thin or discolor
6. Epicormic sprouting - shoots of leaves growing from the trunk

The problem is that it may take as many as five years after the initial infestation for the tree to begin showing these signs and symptoms. Heavily infested trees may appear healthy. Once a tree begins to show outward signs of infestation, it may only be a short time before it dies.

Removals

Why does an infested ash tree have to be removed; can we wait until the tree is dead?
Once a parkway ash tree is found to be over 50% dead, the City will remove it promptly. It is important for the Department to promptly remove the infested ash trees. Additionally, when ash trees are dead, they become brittle and easily drop limbs, posing a major safety concern.

If you identify an infested ash tree on my parkway, will you remove all of the ash trees on my parkway?
Only infested ash trees that do not have at least a 60% healthy crown growth will be removed along with the stump. Locator markings will be sprayed before stump removal in the area to locate underground utilities. The parkway will be restored with topsoil and seed.

Will the City contact me before removing my parkway tree(s)?
When a tree is identified to be removed, a colored dot is sprayed on the tree and an informational door hanger is placed on the resident's front door. This is done as a courtesy to notify residents of the status of the parkway tree in front of their property. The door hangers have the contact information of the Municipal Services Department. Trees slated for removal are usually marked a few weeks before they are actually removed in order to permit residents time to call if they have any questions. Residents will be notified before a tree is removed.

Replacements

Will the City replace the trees that are removed from the parkway?
It is currently the City's policy to replace parkway trees on a one-for-one basis as space allows. The replacement tree is planted at no cost to the homeowner. A certified arborist will decide if there is the appropriate amount of space (20 feet) available and an acceptable planting site is present. With the exponential spread of EAB, the substantial loss of trees, and current economic conditions, it is impossible to predict changes to the funding of the planting program. It is the City's goal to maintain a diverse parkway tree population by replanting where possible.

How long do I have to wait for a replacement tree?
The City's current program and budget allows for tree planting. Again unforeseen changes to the tree planting program cannot be predicted. When a tree is removed, the address is put on the bottom of the planting list and will be replaced chronologically. Trees are usually planted in the spring and fall seasons.

What will be the size of the replacement tree?
Replacement trees are usually 4 inches in diameter. The City has chosen to replant this size of tree based on transplanting, survivability, cost, and labor.

Can I choose what type of tree will be replanted?
Residents will have the ability to select from an approved list of parkway trees. Available species are chosen based on stock availability, viability of species, appropriateness of parkway installation, diversity, and proven success.

Why can't I choose the same tree as all of my neighbors?
Diversity is the key to creating an urban forest. As we learned with Dutch Elm Disease and are now learning with Emerald Ash Borer, planting a single species in mass numbers is a poor urban forestry practice that can have devastating effects.

Can I plant my own parkway tree?
No. The City's planting program is in place to provide replacement trees to homeowners. Our City Arborist makes the educated final decision as to the type and quantity of trees that will be planted in the parkway. It is important that the appropriate tree is selected for each and every site in the City's parkways. City staff will work with homeowners as much as possible.

For more information or questions, please call the Municipal Services Department at 630-353-8105.

Bid Opening: December 23, 2014
Time: 10:00 a.m.

Ash Tree Treatment Cycle 2
Bid Results

ATTACHMENT D

			TRUGREEN		KINNUCAN		KRAMER		HOMER		
Tree Size	**Totals per Category**	**Unit**	**Unit Cost**	**Total Cost**	**Unit Cost**	**Total Cost**	**Unit Cost**	**Total Cost**	**Unit Cost**	**Total Cost**	
2 - 4.75	13	Each	$ 22.75	$ 295.75	$ 16.00	$ 208.00	$ 38.40	$ 499.20	$ 23.40	$ 304.20	52
5	31	Each	$ 22.75	$ 705.25	$ 20.00	$ 620.00	$ 48.00	$ 1,488.00	$ 29.25	$ 906.75	155
6	46	Each	$ 22.74	$ 1,046.04	$ 24.00	$ 1,104.00	$ 57.60	$ 2,649.60	$ 35.10	$ 1,614.60	276
7	97	Each	$ 27.72	$ 2,688.84	$ 28.00	$ 2,716.00	$ 67.20	$ 6,518.40	$ 40.95	$ 3,972.15	679
8	103	Each	$ 29.60	$ 3,048.80	$ 32.00	$ 3,296.00	$ 76.80	$ 7,910.40	$ 46.80	$ 4,820.40	824
9	151	Each	$ 34.56	$ 5,218.56	$ 36.00	$ 5,436.00	$ 86.40	$ 13,046.40	$ 52.65	$ 7,950.15	1359
10	158	Each	$ 36.40	$ 5,751.20	$ 40.00	$ 6,320.00	$ 96.00	$ 15,168.00	$ 58.50	$ 9,243.00	1580
11	122	Each	$ 41.36	$ 5,045.92	$ 46.75	$ 5,703.50	$ 105.60	$ 12,883.20	$ 64.35	$ 7,850.70	1342
12	136	Each	$ 46.80	$ 6,364.80	$ 51.00	$ 6,936.00	$ 115.20	$ 15,667.20	$ 70.20	$ 9,547.20	1632
13	152	Each	$ 51.87	$ 7,884.24	$ 55.25	$ 8,398.00	$ 124.80	$ 18,969.60	$ 76.05	$ 11,559.60	1976
14	180	Each	$ 56.84	$ 10,231.20	$ 59.50	$ 10,710.00	$ 134.40	$ 24,192.00	$ 81.90	$ 14,742.00	2520
15	200	Each	$ 69.90	$ 13,980.00	$ 75.00	$ 15,000.00	$ 144.00	$ 28,800.00	$ 87.75	$ 17,550.00	3000
16	153	Each	$ 76.96	$ 11,774.88	$ 80.00	$ 12,240.00	$ 153.60	$ 23,500.80	$ 93.60	$ 14,320.80	2448
17	170	Each	$ 77.01	$ 13,091.70	$ 85.00	$ 14,450.00	$ 163.20	$ 27,744.00	$ 99.45	$ 16,906.50	2890
18	148	Each	$ 86.04	$ 12,733.92	$ 90.00	$ 13,320.00	$ 172.80	$ 25,574.40	$ 105.30	$ 15,584.40	2664
19	100	Each	$ 87.78	$ 8,778.00	$ 95.00	$ 9,500.00	$ 182.40	$ 18,240.00	$ 111.15	$ 11,115.00	1900
20	99	Each	$ 107.40	$ 10,632.60	$ 120.00	$ 11,880.00	$ 192.00	$ 19,008.00	$ 117.00	$ 11,583.00	1980
21	81	Each	$ 119.49	$ 9,678.69	$ 126.00	$ 10,206.00	$ 201.60	$ 16,329.60	$ 122.85	$ 9,950.85	1701
22	56	Each	$ 126.94	$ 7,108.64	$ 132.00	$ 7,392.00	$ 211.20	$ 11,827.20	$ 128.70	$ 7,207.20	1232
23	54	Each	$ 138.92	$ 7,501.68	$ 138.00	$ 7,452.00	$ 220.80	$ 11,923.20	$ 134.55	$ 7,265.70	1242
24	40	Each	$ 138.96	$ 5,558.40	$ 144.00	$ 5,760.00	$ 230.40	$ 9,216.00	$ 140.40	$ 5,616.00	960
25	26	Each	$ 150.00	$ 3,900.00	$ 150.00	$ 3,900.00	$ 240.00	$ 6,240.00	$ 146.25	$ 3,802.50	650
26	15	Each	$ 159.12	$ 2,386.80	$ 156.00	$ 2,340.00	$ 249.60	$ 3,744.00	$ 152.10	$ 2,281.50	390
27	11	Each	$ 170.91	$ 1,880.01	$ 162.00	$ 1,782.00	$ 259.20	$ 2,851.20	$ 157.95	$ 1,737.45	297
28	3	Each	$ 180.60	$ 541.80	$ 182.00	$ 546.00	$ 268.80	$ 806.40	$ 163.80	$ 491.40	84
29	2	Each	$ 198.07	$ 396.14	$ 188.50	$ 377.00	$ 278.40	$ 556.80	$ 169.65	$ 339.30	58
30	1	Each	$ 209.40	$ 209.40	$ 195.00	$ 195.00	$ 288.00	$ 288.00	$ 175.50	$ 175.50	30
31	1	Each	$ 222.58	$ 222.58	$ 201.50	$ 201.50	$ 297.60	$ 297.60	$ 181.35	$ 181.35	31
32	8	Each	$ 235.20	$ 1,881.60	$ 224.00	$ 1,792.00	$ 374.40	$ 2,995.20	$ 187.20	$ 1,497.60	256
Totals	2,357.00			$ 160,537.44		$ 169,781.00		$ 328,934.40		$ 200,116.80	34,208.00
BID TOTAL SUBMITTED			**Math Error**	**$ 163,226.88**	**Math Check OK**	**$ 169,781.00**	**Math Error**	**$ 329,164.80**	**Math Error**	**$ 213,460.65**	

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE MAYOR AND CITY CLERK TO EXECUTE A CONTRACT FOR THE 2015 EMERALD ASH BORER TREATMENT PLAN WITH TRU-GREEN INC IN AN AMOUNT NOT TO EXCEED $165,000

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby authorizes the Mayor and City Clerk to execute a contract for the 2015 Emerald Ash Borer Treatment Plan with Tru-Green Inc in an amount not to exceed $165,000, a copy of which is attached hereto as "**Exhibit A**" and is by this reference expressly incorporated herein.

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

CITY OF DARIEN **CONTRACT**

This Contract is made this _____ day of _____, 20__ by and between the City of Darien (hereinafter referred to as the "CITY") and _____ (hereinafter referred to as the "CONTRACTOR").

WITNESSETH

In consideration of the promises and covenants made herein by the CITY and the CONTRACTOR (hereinafter referred to collectively as the "PARTIES"), the PARTIES agree as follows:

SECTION 1: THE CONTRACT DOCUMENTS: This Contract shall include the following documents (hereinafter referred to as the "CONTRACT DOCUMENTS") however this Contract takes precedence and controls over any contrary provision in any of the CONTRACT DOCUMENTS. The Contract, including the CONTRACT DOCUMENTS, expresses the entire agreement between the PARTIES and where it modifies, adds to or deletes provisions in other CONTRACT DOCUMENTS; the Contract's provisions shall prevail. Provisions in the CONTRACT DOCUMENTS unmodified by this Contract shall be in full force and effect in their unaltered condition.

The Invitation to Bid
The Instructions to the Bidders
This Contract
The Terms and Conditions
The Bid as it is responsive to the CITY'S bid requirements
All Certifications required by the City
Certificates of insurance
Performance and Payment Bonds as may be required by the CITY

SECTION 2: SCOPE OF THE WORK AND PAYMENT: The CONTRACTOR agrees to provide labor, equipment and materials necessary to provide the services as described in the CONTRACT DOCUMENTS and further described below:

Unit Pricing for the 2015 Emerald Ash Borer Treatment Program

(Hereinafter referred to as the "WORK") and the CITY agrees to pay the CONTRACTOR pursuant to the provisions of the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*) the following amount for performance of the described unit prices.

SECTION 3: ASSIGNMENT: CONTRACTOR shall not assign the duties and obligations involved in the performance of the WORK which is the subject matter of this Contract without the written consent of the CITY.

SECTION 4: TERM OF THE CONTRACT: This Contract shall commence on the date of its execution. The WORK shall commence upon receipt of a Notice to Proceed and continue for the period specified. This Contract shall terminate upon completion of the WORK, but may be terminated by either of the PARTIES for default upon failure to cure after ten (10) days prior written notice of said default from the aggrieved PARTY. The CITY, for its convenience, may terminate this Contract with thirty (30) days prior written notice.

SECTION 5: INDEMNIFICATION AND INSURANCE: The CONTRACTOR shall indemnify and hold harmless the CITY, its officials, officers, directors, agents, employees and representatives and assigns, from lawsuits, actions, costs (including attorneys' fees), claims or liability of any character, incurred due to the alleged negligence of the CONTRACTOR, brought because of any injuries or damages received or sustained by any person, persons or property on account of any act or omission, neglect or misconduct of said CONTRACTOR, its officers, agents and/or employees arising out of, or in performance of any of the provisions of the

CONTRACT DOCUMENTS, including any claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act" or any other law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the CITY, its officials, officers, directors, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. The CONTRACTOR shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities. The Contractor shall not make any settlement or compromise of a lawsuit or claim, or fail to pursue any available avenue of appeal of any adverse judgment, without the approval of the City and any other indemnified party. The City or any other indemnified party, in its or their sole discretion, shall have the option of being represented by its or their own counsel. If this option is exercised, then the Contractor shall promptly reimburse the City or other indemnified party, upon written demand, for any expenses, including but not limited to court costs, reasonable attorneys' and witnesses' fees and other expenses of litigation incurred by the City or other indemnified party in connection therewith. Execution of this Contract by the CITY is contingent upon receipt of Insurance Certificates provided by the CONTRACTOR in compliance with the CONTRACT DOCUMENTS.

SECTION 6: COMPLIANCE WITH LAWS: The bidder shall at all times observe and comply with all laws, ordinances and regulations of the federal, state, local and City governments, which may in any manner affect the preparation of bids or the performance of the Contract. Bidder hereby agrees that it will comply with all requirements of the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., including the provision dealing with sexual harassment and that if awarded the Contract will not engage in any prohibited form of discrimination in employment as defined in that Act and will require that its subcontractors agree to the same restrictions. The contractor shall maintain, and require that its subcontractors maintain, policies of equal employment opportunity which shall prohibit discrimination against any employee or applicant for employment on the basis of race, religion, color, sex, national origin, ancestry, citizenship status, age, marital status, physical or mental disability unrelated to the individual's ability to perform the essential functions of the job, association with a person with a disability, or unfavorable discharge from military service. Contractors and all subcontractors shall comply with all requirements of the Act and of the Rules of the Illinois Department of Human Rights with regard to posting information on employees' rights under the Act. Contractors and all subcontractors shall place appropriate statements identifying their companies as equal opportunity employers in all advertisements for workers to be employed in work to be performed. Not less than the Prevailing Rate of Wages as found by the City of Darien or the Department of Labor shall be paid to laborers, workmen, and mechanics performing work under the Contract. If awarded the Contract, contractor must comply with all provisions of the Illinois Prevailing Wage Act, including, but not limited to, providing certified payroll records to the Municipal Services Department. Contractor and subcontractors shall be required to comply with all applicable federal laws, state laws and regulations regarding minimum wages, limit on payment to minors, minimum fair wage standards for minors, payment of wage due employees, and health and safety of employees. Contractor and subcontractor are required to pay employees all rightful salaries, medical benefits, pension and social security benefits pursuant to applicable labor agreements and federal and state statutes and to further require withholdings and deposits therefore. The CONTRACTOR shall obtain all necessary local and state licenses and/or permits that may be required for performance of the WORK and provide those licenses to the CITY prior to commencement of the WORK if applicable.

SECTION 7: NOTICE: Where notice is required by the CONTRACT DOCUMENTS

it shall be considered received if it is delivered in person, sent by registered United States mail, return receipt requested, delivered by messenger or mail service with a signed receipt, sent by facsimile or e-mail with an acknowledgment of receipt, to the following:

City of Darien
1702 Plainfield Road
Darien, IL 60561
Attn: Director of Municipal Services

SECTION 8: STANDARD OF SERVICE: Services shall be rendered to the highest professional standards to meet or exceed those standards met by others providing the same or similar services in the Chicagoland area. Sufficient competent personnel shall be provided who with supervision shall complete the services required within the time allowed for performance. The CONTRACTOR'S personnel shall, at all times present a neat appearance and shall be trained to handle all contact with City residents or City employees in a respectful manner. At the request of the Director of Municipal Services or a designee, the CONTRACTOR shall replace any incompetent, abusive or disorderly person in its employ.

SECTION 9: PAYMENTS TO OTHER PARTIES: The CONTRACTOR shall not obligate the CITY to make payments to third parties or make promises or representations to third parties on behalf of the CITY without prior written approval of the City Administrator or a designee.

SECTION 10: COMPLIANCE: CONTRACTOR shall comply with all of the requirements of the Contract Documents, including, but not limited to, the Illinois Prevailing Wage Act where applicable and all other applicable local, state and federal statutes, ordinances, codes, rules and regulations.

SECTION 11: LAW AND VENUE: The laws of the State of Illinois shall govern this Contract and venue for legal disputes shall be DuPage County, Illinois.

SECTION 12: MODIFICATION: This Contract may be modified only by a written amendment signed by both PARTIES.

FOR: THE CITY	FOR: THE CONTRACTOR
By:_____	By:_____
Print Name: _____	Print Name: _____
Title: Mayor	Title: _____
Date: _____	Date: _____

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

A **Resolution** authorizing the Mayor to execute a contract with Illinois Central Sweeping for the City of Darien's annual street sweeping program not to exceed $33,765.00.

BACKGROUND/HISTORY

The Municipal Services Department solicited for sealed bids for the City's street sweeping services to be conducted in May, July, September and November at a per hour unit cost. The Staff has estimated a total of 345 hours to complete all four cycles. The Department also requested unit pricing for emergency sweeping services due to water main breaks and construction activities. An amount of $3,500 has been designated as a contingency for additional hours required for sweepings and emergency events. See attached Bid Summary Sheet labeled as **Attachment A**. The proposed contract also calls out for two additional contract extensions for 2016 and 2017. The proposed contract extensions will be reviewed for performance in December of their respective years and a recommendation will be forwarded to the Budget Committee in February of their respective years.

The proposed expenditure would be expended from the following account pending FY 15-16 Budget approval:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	FY 15-16 BUDGET	PROPOSED EXPENDITURE
02-30-4373	YEARLY SWEEPING SERVICES	$33,465.00	$33,465.00
02-30-4373	EMERGENCY SWEEPS	$300.00	TBD
02-30-4373	CONTINGENCY	$3,500.00	TBD
02-30-4373	DISPOSAL	$6,500.00	$6,500.00
TOTAL		**$33,765.00**	

STAFF RECOMMENDATION

Staff recommends approval of this resolution with Illinois Central Sweeping. The references for Illinois Central Sweeping have been verified with satisfactory results.

ALTERNATE CONSIDERATION

DECISION MODE

Not approving this proposal.

This item will be placed on the agenda for the February 2, 2015 City Council agenda for formal approval.

CITY OF DARIEN PUBLIC WORKS
1702 PLAINFIELD ROAD
DARIEN, IL 60561

2015-2017 STREET SWEEPING BID SUMMARY

Attachment A

SEALED BID: 2015-2017 Street Sweeping Services
OPENING DATE/TIME: January 6, 2015 @ 10:00 a.m.

2015 PRICING SCHEDULE			Elgin Sweeping Services, Inc.		Hoving Clean Sweep, LLC		Illinois Central Sweeping		Waste Management	
CYCLE	DESCRIPTION	ESTIMATED UNITS	HOURLY RATE		HOURLY RATE		HOURLY RATE		HOURLY RATE	
1	MAY 11 - MAY 18	70	$ 132.00	$ 9,240.00	$ 105.00	$ 7,350.00	$ 97.00	$ 6,790.00	$ 115.00	$ 8,050.00
2	JULY 13- JULY 20	70	$ 132.00	$ 9,240.00	$ 105.00	$ 7,350.00	$ 97.00	$ 6,790.00	$ 115.00	$ 8,050.00
3	SEPTEMBER 14-SEPTEMBER 21	70	$ 132.00	$ 9,240.00	$ 105.00	$ 7,350.00	$ 97.00	$ 6,790.00	$ 115.00	$ 8,050.00
4	NOVEMBER 13-NOVEMBER 26	135	$ 132.00	$ 17,820.00	$ 135.00	$ 18,225.00	$ 97.00	$ 13,095.00	$ 137.00	$ 18,495.00
	SUBTOTAL-A	**345**		**$ 45,540.00**		**$ 40,275.00**		**$ 33,465.00**		**$ 42,645.00**
	EMERGENCY CALL OUT	3	$ 190.00	$ 570.00	$ 105.00	$ 315.00	$ 100.00	$ 300.00	$ 180.00	$ 540.00
	SUBTOTAL-B			**$ 570.00**		**$ 315.00**		**$ 300.00**		**$ 540.00**
	TOTAL COST			$ 46,110.00		$ 40,590.00		$ 33,765.00		$ 43,185.00
	2015 BUDGET			**$ 46,110.00**		**$ 40,590.00**		**$ 33,765.00**		**$ 43,185.00**

2016 PRICING SCHEDULE			Elgin Sweeping Services, Inc.		Hoving Clean Sweep, LLC		Illinois Central Sweeping		Waste Management	
CYCLE	DESCRIPTION	ESTIMATED UNITS	HOURLY RATE		HOURLY RATE		HOURLY RATE		HOURLY RATE	
1	MAY 9 - MAY 18	70	$ 136.00	$ 9,520.00	$ 107.63	$ 7,534.10	$ 101.00	$ 7,070.00	$ 118.00	$ 8,260.00
2	JULY 11- JULY 18	70	$ 136.00	$ 9,520.00	$ 107.63	$ 7,534.10	$ 101.00	$ 7,070.00	$ 118.00	$ 8,260.00
3	SEPTEMBER 14-SEPTEMBER 21	70	$ 136.00	$ 9,520.00	$ 107.63	$ 7,534.10	$ 101.00	$ 7,070.00	$ 118.00	$ 8,260.00
4	NOVEMBER 14-NOVEMBER 23	135	$ 136.00	$ 18,360.00	$ 138.38	$ 18,681.30	$ 101.00	$ 13,635.00	$ 140.00	$ 18,900.00
	SUBTOTAL-A	**345**		**$ 46,920.00**		**$ 41,283.60**		**$ 34,845.00**		**$ 43,680.00**
	EMERGENCY CALL OUT	3	$ 196.00	$ 588.00	$ 107.63	$ 322.89	$ 105.00	$ 315.00	$ 185.00	$ 555.00
	SUBTOTAL-B			**$ 588.00**		**$ 322.89**		**$ 315.00**		**$ 555.00**
	TOTAL COST			$ 47,508.00		$ 41,606.49		$ 35,160.00		$ 44,235.00
	2016 BUDGET			**$ 47,508.00**		**$ 41,606.49**		**$ 35,160.00**		**$ 44,235.00**

2017 PRICING SCHEDULE			Elgin Sweeping Services, Inc.		Hoving Clean Sweep, LLC		Illinois Central Sweeping		Waste Management	
CYCLE	DESCRIPTION	ESTIMATED UNITS	HOURLY RATE		HOURLY RATE		HOURLY RATE		HOURLY RATE	
1	MAY 8 - MAY 15	70	$ 140.00	$ 9,800.00	$ 110.32	$ 7,722.40	$ 105.00	$ 7,350.00	$ 122.00	$ 8,540.00
2	JULY 10- JULY 17	70	$ 140.00	$ 9,800.00	$ 110.32	$ 7,722.40	$ 105.00	$ 7,350.00	$ 122.00	$ 8,540.00
3	SEPTEMBER 14-SEPTEMBER 21	70	$ 140.00	$ 9,800.00	$ 110.32	$ 7,722.40	$ 105.00	$ 7,350.00	$ 122.00	$ 8,540.00
4	NOVEMBER 13-NOVEMBER 22	135	$ 140.00	$ 18,900.00	$ 141.84	$ 19,148.40	$ 105.00	$ 14,175.00	$ 145.00	$ 19,575.00
	SUBTOTAL-A	**345**		**$ 48,300.00**		**$ 42,315.60**		**$ 36,225.00**		**$ 45,195.00**
	EMERGENCY CALL OUT	3	$ 202.00	$ 606.00	$ 110.32	$ 330.96	$ 109.00	$ 327.00	$ 190.00	$ 570.00
	SUBTOTAL-B			**$ 606.00**		**$ 330.96**		**$ 327.00**		**$ 570.00**
	TOTAL COST			$ 48,906.00		$ 42,646.56		$ 36,552.00		$ 45,765.00
	2017 BUDGET			**$ 48,906.00**		**$ 42,646.56**		**$ 36,552.00**		**$ 45,765.00**

RESOLUTION NO._____

A RESOLUTION AUTHORIZING THE MAYOR AND CITY CLERK TO ENTER INTO A CONTRACT AGREEMENT FOR THE 2015 STREET SWEEPING SERVICES BETWEEN THE CITY OF DARIEN AND ILLINOIS CENTRAL SWEEPING IN AN AMOUNT NOT TO EXCEED $33,765.00

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby authorizes the Mayor and City Clerk to enter into a Contract Agreement, a copy of which is attached hereto as "**Exhibit A**", for the 2015 Street Sweeping Services between the City of Darien and Illinois Central Sweeping.

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM

_____
CITY ATTORNEY

SECTION II **EXHIBIT A**

BIDDER SUMMARY SHEET

STREET SWEEPING SERVICES FOR THE CITY OF DARIEN - 2015

Firm Name: ILLINOIS Central Sweeping

Address: 2307 W. 135PPL.

City, State, Zip Code: Blue Island IL. 60406

Contact Person: Dan Overland

FEIN #: 20-0991504

Phone: (708) 293 0000 Fax: (708) 293 8319

Mobile: (708) 878 9230

E-mail Address: doverland@illinoiscentralsweeping.com

RECEIPT OF ADDENDA: The receipt of the following addenda is hereby acknowledged:

Addendum No. _____, Dated _____

Addendum No. _____, Dated _____

Schedule of Prices for:

STREET SWEEPING SERVICES

2015 SWEEPING PROGRAM 4-SWEEPINGS				
STREET SWEEPING SERVICES SCHEDULE	ESTIMATED UNITS	UNIT	COST PER HOUR	TOTAL COST
MAY 11TH - MAY 18TH	70	HOURLY	$97.00	$6,790.00
JULY 13TH - JULY 20TH	70	HOURLY	$97.00	$6,790.00
SEPTEMBER 14TH – SEPTEMBER 21ST	70	HOURLY	$97.00	$6,790.00
NOVEMBER 13th – NOVEMBER 26th	135	HOURLY	$97.00	$13,095.00
SUB-TOTAL-A	345			$33,465.00
EMERGENCY SERVICES	ESTIMATED UNITS	UNIT	COST PER HOUR	TOTAL COST
EMERGENCY CALL OUT	3	HOURLY	$100.00	$300.00
SUB-TOTAL-B	3			$300.00
TOTALS-SUBTOTAL A & B 2015				$33,765.00
DATES INDICATE TENTATIVE START DATE PERIOD				

This Contract is made this _____ day of _____, 20__ by and between the City of Darien (hereinafter referred to as the "CITY") and _____ (hereinafter referred to as the "CONTRACTOR").

WITNESSETH

In consideration of the promises and covenants made herein by the CITY and the CONTRACTOR (hereinafter referred to collectively as the "PARTIES"), the PARTIES agree as follows:

SECTION 1: THE CONTRACT DOCUMENTS: This Contract shall include the following documents (hereinafter referred to as the "CONTRACT DOCUMENTS") however this Contract takes precedence and controls over any contrary provision in any of the CONTRACT DOCUMENTS. The Contract, including the CONTRACT DOCUMENTS, expresses the entire agreement between the PARTIES and where it modifies, adds to or deletes provisions in other CONTRACT DOCUMENTS; the Contract's provisions shall prevail. Provisions in the CONTRACT DOCUMENTS unmodified by this Contract shall be in full force and effect in their unaltered condition.

The Invitation to Bid
The Instructions to the Bidders
This Contract
The Terms and Conditions
The Bid as it is responsive to the CITY'S bid requirements
All Certifications required by the City
Certificates of insurance
Performance and Payment Bonds as may be required by the CITY

SECTION 2: SCOPE OF THE WORK AND PAYMENT: The CONTRACTOR agrees to provide labor, equipment and materials necessary to provide the services as described in the CONTRACT DOCUMENTS and further described below:

2012 STREET SWEEPING SERVICES

(Hereinafter referred to as the "WORK") and the CITY agrees to pay the CONTRACTOR pursuant to the provisions of the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*) the following amount for performance of the described unit prices.

SECTION 3: ASSIGNMENT: CONTRACTOR shall not assign the duties and obligations involved in the performance of the WORK which is the subject matter of this Contract without the written consent of the CITY.

SECTION 4: TERM OF THE CONTRACT: This Contract shall commence on the date of its execution. The WORK shall commence upon receipt of a Notice to Proceed and continue for the period specified. This Contract shall terminate upon completion of the WORK, but may be terminated by either of the PARTIES for default upon failure to cure after ten (10) days prior written notice of said default from the aggrieved PARTY. The CITY, for its convenience, may terminate this Contract with thirty (30) days prior written notice.

SECTION 5: INDEMNIFICATION AND INSURANCE: The CONTRACTOR shall indemnify and hold harmless the CITY, its officials, officers, directors, agents, employees and representatives and assigns, from lawsuits, actions, costs (including attorneys' fees), claims or liability of any character, incurred due to the alleged negligence of the CONTRACTOR, brought because of any injuries or damages received or sustained by any person, persons or property on account of any act or omission, neglect or misconduct of said CONTRACTOR, its officers, agents and/or employees arising out of, or in performance of any of the provisions of the CONTRACT DOCUMENTS, including any claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the

"Worker's Compensation Act" or any other law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the CITY, its officials, officers, directors, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. The CONTRACTOR shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities. The Contractor shall not make any settlement or compromise of a lawsuit or claim, or fail to pursue any available avenue of appeal of any adverse judgment, without the approval of the City and any other indemnified party. The City or any other indemnified party, in its or their sole discretion, shall have the option of being represented by its or their own counsel. If this option is exercised, then the Contractor shall promptly reimburse the City or other indemnified party, upon written demand, for any expenses, including but not limited to court costs, reasonable attorneys' and witnesses' fees and other expenses of litigation incurred by the City or other indemnified party in connection therewith. Execution of this Contract by the CITY is contingent upon receipt of Insurance Certificates provided by the CONTRACTOR in compliance with the CONTRACT DOCUMENTS.

SECTION 6: COMPLIANCE WITH LAWS: The bidder shall at all times observe and comply with all laws, ordinances and regulations of the federal, state, local and City governments, which may in any manner affect the preparation of bids or the performance of the Contract. Bidder hereby agrees that it will comply with all requirements of the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., including the provision dealing with sexual harassment and that if awarded the Contract will not engage in any prohibited form of discrimination in employment as defined in that Act and will require that its subcontractors agree to the same restrictions. The contractor shall maintain, and require that its subcontractors maintain, policies of equal employment opportunity which shall prohibit discrimination against any employee or applicant for employment on the basis of race, religion, color, sex, national origin, ancestry, citizenship status, age, marital status, physical or mental disability unrelated to the individual's ability to perform the essential functions of the job, association with a person with a disability, or unfavorable discharge from military service. Contractors and all subcontractors shall comply with all requirements of the Act and of the Rules of the Illinois Department of Human Rights with regard to posting information on employees' rights under the Act. Contractors and all subcontractors shall place appropriate statements identifying their companies as equal opportunity employers in all advertisements for workers to be employed in work to be performed. Not less than the Prevailing Rate of Wages as found by the City of Darien or the Department of Labor shall be paid to laborers, workmen, and mechanics performing work under the Contract. If awarded the Contract, contractor must comply with all provisions of the Illinois Prevailing Wage Act, including, but not limited to, providing certified payroll records to the Municipal Services Department. Contractor and subcontractors shall be required to comply with all applicable federal laws, state laws and regulations regarding minimum wages, limit on payment to minors, minimum fair wage standards for minors, payment of wage due employees, and health and safety of employees. Contractor and subcontractor are required to pay employees all rightful salaries, medical benefits, pension and social security benefits pursuant to applicable labor agreements and federal and state statutes and to further require withholdings and deposits therefore. The CONTRACTOR shall obtain all necessary local and state licenses and/or permits that may be required for performance of the WORK and provide those licenses to the CITY prior to commencement of the WORK if applicable.

SECTION 7: NOTICE: Where notice is required by the CONTRACT DOCUMENTS it shall be considered received if it is delivered in person, sent by registered United States mail, return receipt requested, delivered by messenger or mail service with a signed receipt, sent by facsimile or e-mail with an acknowledgment of receipt, to the following:

City of Darien
1702 Plainfield Road
Darien, IL 60561
Attn: Director of Municipal Services

SECTION 8: STANDARD OF SERVICE: Services shall be rendered to the highest professional standards to meet or exceed those standards met by others providing the same or similar services in the Chicagoland area. Sufficient competent personnel shall be provided who with supervision shall complete the services required within the time allowed for performance. The CONTRACTOR'S personnel shall, at all times present a neat appearance and shall be trained to handle all contact with City residents or City employees in a respectful manner. At the request of the Director of Municipal Services or a designee, the CONTRACTOR shall replace any incompetent, abusive or disorderly person in its employ.

SECTION 9: PAYMENTS TO OTHER PARTIES: The CONTRACTOR shall not obligate the CITY to make payments to third parties or make promises or representations to third parties on behalf of the CITY without prior written approval of the City Administrator or a designee.

SECTION 10: COMPLIANCE: CONTRACTOR shall comply with all of the requirements of the Contract Documents, including, but not limited to, the Illinois Prevailing Wage Act where applicable and all other applicable local, state and federal statutes, ordinances, codes, rules and regulations.

SECTION 11: LAW AND VENUE: The laws of the State of Illinois shall govern this Contract and venue for legal disputes shall be DuPage County, Illinois.

SECTION 12: MODIFICATION: This Contract may be modified only by a written amendment signed by both PARTIES.

FOR: THE CITY	FOR: THE CONTRACTOR
By:_____	By:_____
Print Name: _____	Print Name: _____
Title: Mayor	Title:_____
Date: _____	Date: _____

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT
A **resolution** authorizing the purchase of one (1) new Water Main Tap Machine-Model Mueller No. D-5-39305, from Ziebell Water Service Products in the amount of $5,668.95.

BACKGROUND/HISTORY
The proposed water tap machine is utilized for tapping a water main to insert a corporation. The corporation is utilized to provide a water service to a resident or business. During many water main breaks it is identified that the water main has broken at the location of the existing tap, or adjacent to, thus requiring a new tap to be installed.

The department currently does not have a tap machine and relies on private parties or other municipalities to borrow the equipment. The water tap machine is a tool of the industry and should be included within the water department's inventory. The FY2014/15 Budget included funds for the tap machine.

Please find attached and labeled as **Attachment A** the two competitive quotes for the purchase of one (1) new Water Main Tap Machine-Model Mueller No. D-5-39305. Below is a summary of the competitive quotes:

VENDOR	PRICE QUOTED
Ziebell Water Service Products	$5,668.95
HD Supply	$5,732.00

The current budget included funds for the proposed equipment and would be expensed from the following line account:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	FY 14/15 BUDGET	PROPOSED EXPENDITURE	PROPOSED BALANCE
02-50-4231	Maintenance Water System	$5,710.00	$5,668.95	$41.05

STAFF RECOMMENDATION
Staff recommends approval of the resolution authorizing the purchase of one (1) new Water Main Tap Machine-Model Mueller No. D-5-39305, from Ziebell Water Service Products in the amount of $5,668.95.

ALTERNATE DECISION
Not approving the resolution at this time would be an alternate decision.

DECISION MODE
This item will be placed on the February 2, 2015 City Council agenda for formal consideration.

Attachment A

WATER SERVICE PRODUCTS, INC.

2001 PRATT BOULEVARD
ELK GROVE VILLAGE, IL 60007
(847) 364-0670
FAX# (847) 364-4720

10711 W. 165th ST. SUITE J
ORLAND PARK, IL 60467
(708) 873-1000
FAX# (708) 873-1050

CUSTOMER: City of Darien

ADDRESS:

Page 1 of 2

PHONE #: 630-514-3453 CONTACT: KRIS THROM

JOB NAME: Public Works - Water Department

SALESMAN: Bob Mroz

DATE:

ENG:

DUE:

PHONE:

PROMISED DATE:

PLUS FR

QUANTITY	DESCRIPTION	SELLI
1 EA	Mueller Company Model No.# D-5 -39305	$ 1638.00
	Drilling Machine 3/4"-1"-1½"-2" Taps	
1 EA.	3/4" Drill Bit - Drill Holder - Machine Flare Adapter Nipple	415.00
1 EA.	1" Drill Bit - Drill Holder - Machine Flare Adapter Nipple	425.00
1 EA.	1½" Drill Bit - Drill Holder - Machine Flare Adapter Nipple	575.00
1 EA	2" Drill Bit - Drill Holder - Machine Flare Adapter Nipple	675.00
*	As Needed Items	
* 1 EA	1½" "Compression" Machine Adapter Nipple #507644	81.95
* 1 EA	2" "Compression" Machine Adapter Nipple #507645	160.00
1 EA.	Mueller Company Model No#B101 - 39235	$ 2810.00
1 EA.	3/4" Drill & Tap Bit	175.00
1 EA	1" Drill & Tap Bit	234.00
1 EA	3/4" E-Z Release Plug	147.50
1 EA	1" E-Z Release Plug	177.25
1 EA	6" CI/DI Machine Saddle	77.50
1 EA	8" CI/DI Machine Saddle	77.50
1 EA	10" CI/DI Machine Saddle	77.50
1 EA	12" CI/DI Machine Saddle	77.50
		Thank you!

SUPPLIERS IN THE WATER WORKS INDUSTRY FOR 50 YEARS

QUOTE VALID FOR 30 DAYS AND SHIPMENT WITHIN 30 DAYS

Robert Mroz
SIGNATURE

1,638.00 +
415.00 +
425.00 +
575.00 +
675.00 +
81.95 +
160.00 +
1,613.00 +
86.00 +
009.00
5,668.95 ◊

MUELLER WATER SERVICE PRODUCTS, INC.
2001 PRATT BOULEVARD
ELK GROVE VILLAGE, IL 60007
(847) 364-0870
FAX# (847) 364-4789
10711 W. 165th ST. SUITE J
ORLAND PARK, IL 60467
(708) 873-1000
FAX# (708) 873-1050

QUOTATION

CUSTOMER: City of Darien DAT 12-11-2014

ADDRESS: ENG:

Page 2 of 2 DUE:

PHONE #: 630-514-6734 Contact: KRIS THROM PHONE:

JOB NAME: Public Works - Water Department PROMISED CUSTOMER DELIVERY DATE:

SALESMAN: Bob Mroz PLUS FRT:

QUANTITY	DESCRIPTION	SELLING PRICE	EXTENSION
1 EA	Ridgid Model No# 700 Electric Power Operator Unit	$ 1613.00	
1 EA.	13/16" SQ. Power Pony Machine Adapter	$ 36.00	

SUPPLIERS IN THE WATER WORKS INDUSTRY FOR 50 YEARS

QUOTE VALID FOR 30 DAYS AND SHIPMENT WITHIN 30 DAYS

Robert Mroz
SIGNATURE

Attention: KRIS

12/11/14 Bid ID: 4046151 MUELLER D-5 MACHINE PARTS Page 1

Line	Quantity	Sell Per	Description	Net Price	Extended Price
10	1	EA	D5 MU TAPPING MACHINE 039305	1,605.00	1,605.00
20	1	EA	36037 11/16 DRILL C-RES D&E-5/ MC	129.00	129.00
30	1	EA	36998 DRILL HOLDER	190.00	190.00
40	1	EA	37902 3/4 FLR/CTS ADPT NIP D-5	118.00	118.00
50	1	EA	36039 15/16 DRILL C-RES D&E-5/ MC	139.00	139.00
60	1	EA	37032 DRILL HOLDER 15/16 D4 &	174.00	174.00
70	1	EA	37903 1 FLR/CTS ADPT NIPL D-5	118.00	118.00
80	1	EA	36056 1-7/16 DRILL C-RES D-5	254.00	254.00
90	1	EA	33316 DRL HLDR D5 1.75-1.5 DRL	160.00	160.00
100	1	EA	37905 1-1/2 FLR ADPTR NIP D-5	212.00	212.00
110	1	EA	36069 1-7/8 DRILL C-RES D-5	388.00	388.00
120	1	EA	33314 DRILL HLDR D-5 1-5/8 / 2 DRLS	145.00	145.00
130	1	EA	37906 2 FLR ADPTR NIP D-5	293.00	293.00
140	1	EA	507644 1-1/2 CTS ADPTR NIP D-5	78.00	78.00
150	1	EA	507645 2 CTS ADAPTR NIP D-5	155.00	155.00
160	1	EA	RIGID MODEL 700 ELECTRIC POWER UNIT	1,475.00	1,475.00
180	1	EA	RDG 42620 774 SQ DRIVE ADAPTOR	99.00	99.00

ALL PRICES GOOD FOR 30 DAYS.

1-2 WEEK LEAD TIME TO COMPLETE ORDER.

THANKS KRIS,

SCOTT JAROS

HO Supply

0• *
1,605• +
129• +
190• +
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254• +
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388• +
145• +
293• +
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155• +
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5,732• ◊

X:\Agenda backup\Public Works Agendas\2015\January 26, 2015\Supporting Documentation\Attachment A-2015 Water Tap machine.pdf

RESOLUTION NO._____

A RESOLUTION AUTHORIZING THE PURCHASE OF ONE (1) NEW WATER MAIN TAP MACHINE-MODEL MUELLER NO. D-5-39305, FROM ZIEBELL WATER SERVICE PRODUCTS IN THE AMOUNT OF $5,668.95.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien does hereby authorize the purchase of one (1) new Water Main Tap Machine-Model Mueller No. D-5-39305, from Ziebell Water Service Products in the amount of $5,668.95, a copy of which is attached hereto as "**Exhibit A**" and is by this reference expressly incorporated herein.

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

EXHIBIT A

REBELL WATER SERVICE PRODUCTS, INC.

2001 PRATT BOULEVARD
ELK GROVE VILLAGE, IL 60007
(847) 364-0870
FAX# (847) 364-4789

10711 W. 186th ST. SUITE J
ORLAND PARK, IL 60467
(708) 873-1600
FAX# (708) 873-1050

QUOTATION

CUSTOMER: City of Darien
DATE: 12-11-2014
ADDRESS:
ENG:
Page 1 of 2
DUE: ASAP
PHONE #: 630-514-3453 CONTACT: KRIS THROM
FAX PHONE: 630-887-0091
JOB NAME: Public Works - Water Department
PROMISED CUSTOMER DELIVERY DATE: NEXT DAY
SALESMAN: Bob Mroz
PLUS FET: Included

QUANTITY	DESCRIPTION	SELLING PRICE	EXTENSION
1	EA Mueller Company Model No.# D-5 -39305	$1638.00	
	Drilling Machine 3/4"-1"-1½"-2" Taps		
1	Ea. 3/4" Drill Bit - Drill Holder - Machine Adapter Flange Nipple	415.00	
1	Ea. 1" Drill Bit - Drill Holder - Machine Adapter Flange Nipple	425.00	
1	Ea. 1½" Drill Bit - Drill Holder - Machine Adapter Flange Nipple	575.00	
1	Ea 2" Drill Bit - Drill Holder - Machine Adapter Flange Nipple	675.00	
*	As Needed Items		
* 1	Ea 1½" "Compression" Machine Adapter Nipple #507644	81.95	
* 1	EA 2" "Compression" Machine Adapter Nipple #507645	160.00	
1	Ea. Mueller Company Model No#B101 - 39235	$2810.00	
1	Ea. 3/4" Drill & Tap Bit	175.00	
1	EA 1" Drill & Tap Bit	234.00	
1	Ea 3/4" E-Z Release Plug	147.50	
1	EA 1" E-Z Release Plug	177.25	
1	EA 6" CI/DI Machine Saddle	77.50	
1	EA 8" CI/DI Machine Saddle	77.50	
1	EA 10" CI/DI Machine Saddle	77.50	
1	EA 12" CI/DI Machine Saddle	77.50	
		Thank you!	

SUPPLIERS IN THE WATER WORKS INDUSTRY FOR 50 YEARS

QUOTE VALID FOR 30 DAYS AND SHIPMENT WITHIN 30 DAYS

Robert Mroz
SIGNATURE

HEBELL WATER SERVICE PRODUCTS, INC.
2001 PRATT BOULEVARD
ELK GROVE VILLAGE, IL 60007
(847) 364-0870
FAX# (847) 364-4789
10711 W. 185th ST. SUITE J
ORLAND PARK, IL 60467
(708) 873-1000
FAX# (708) 873-1050

QUOTATION

CUSTOMER: City of Darien
DAT 12-11-2014
ADDRESS:
ENG:
Page 2 of 2
DUE:
PHONE #: 630-514-6734 Comm... KRIS THROM
PHONE:
JOB NAME: Public Works - Water Department
PROMISED CUSTOMER DELIVERY DATE:
SALESMAN: Bob Mroz
PLUS FRT:

QUANTITY	DESCRIPTION	SELLING PRICE	EXTENSION
1 EA	Ridgid Model No# 700 Electric Power Operator Unit	$ 11613.00	
1 EA.	13/16" SQ. Power Pony Machine Adapter	$ 86.00	

0. *
0. *
1,638. +
415. +
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675. +
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86. +
009>.....
5,668.95 ◊

SUPPLIERS IN THE WATER WORKS INDUSTRY FOR 50 YEARS

QUOTE VALID FOR 30 DAYS AND SHIPMENT WITHIN 30 DAYS

Robert Mroz
SIGNATURE

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT
Woodmere Drive and Hedgewood Drive: Consideration of an ordinance to approve the installation of a STOP sign on Hedgewood Drive.

DISCUSSION
In October 2014, the Woodmere Townhome Homeowner's Association requested stop signs at several intersections within the neighborhood, including Woodmere Drive with Hedgewood Drive, Woodmere Drive with Curran Court, Woodmere Drive with Windsor Court/Morgan Court and Whitlock Drive with Cameron Court. Currently there is no traffic control provided at any of these intersections.

The City conducted a traffic count and speed survey along Woodmere Drive, Hedgewood Drive, Whitlock Drive and Windsor Drive; the traffic survey was conducted between late November and early December 2014. The City's traffic consultant, Kenig, Lindgren, O'Hare, Aboona, Inc. (KLOA), reviewed the survey.

In a memo dated December 31, 2014, KLOA recommends installing a STOP sign on Hedgewood Drive for south bound vehicles entering onto Woodmere Drive. KLOA's memo is attached to staff's agenda memo **(Attachment A).**

STAFF FINDINGS/RECOMMENDATION
Staff recommends the Committee make a recommendation to approve installing a STOP sign on Hedgewood Drive for vehicles entering Woodmere Drive.

DECISION MODE
Municipal Services Committee Meeting on January 26, 2015.

Kenig, Lindgren, O'Hara, Aboona, Inc.

9575 West Higgins Road, Suite 400 | Rosemont, Illinois 60018
p: 847-518-9990 | f: 847-518-9987

MEMORANDUM TO: Daniel Gombac
City of Darien

FROM: Brendan S. May
Consultant

Michael A. Werthmann, PE, PTOE
Principal

December 31, 2014

SUBJECT: Intersection Traffic Control Evaluation
Woodmere Residential Subdivision
Darien, Illinois

This memorandum summarizes the results a traffic control evaluation conducted by Kenig, Lindgren, O'Hara, Aboona, Inc. (KLOA, Inc.) for the Woodmere Townhome Community located in Darien, Illinois. The neighborhood is located on the east side of Lemont Road approximately one-third of a mile north of 83rd Street. The purpose of the evaluation was to examine if any intersection traffic control is warranted at the following intersections:

- Woodmere Drive with Hedgewood Drive
- Woodmere Drive with Curran Court
- Windsor Drive with Windsor Court/Morgan Court
- Whitlock Drive with Cameron Court

Intersection Physical and Operating Conditions

Access to the community is provided via only the Woodmere Road intersection with Lemont Road. The roadways forming the study intersections are all residential roadways that have one lane in each direction with parking generally permitted on both sides of the road and a posted speed limit of 25 miles per hour. Currently no traffic control is provided at any of the internal intersections within the neighborhood. All of the study intersections are generally aligned at a 90 degree angle and provide good sight lines. According to City officials, the following traffic accidents have been reported over the past six years.

- No accidents occurred along Whitlock Drive, Curran Court, Morgan Court or Cameron Court.
- One accident occurred along Hedgewood Drive in 2009.
- One accident occurred along Windsor Drive in 2010.
- One accident occurred per year along Woodmere Drive in 2010, 2011, 2012, 2013
- Two accidents occurred along Woodmere Drive in 2014.

As can be seen, the roadways and intersections in the neighborhood experience a very low incidence of accidents.

Existing Traffic Volumes and Speed Surveys

In order to determine how the roadways and intersections are currently operating, the City of Darien performed daily traffic counts and speed surveys along Woodmere Drive, Hedgewood Drive, Whitlock Drive and Windsor Drive. The traffic counts/speed surveys were conducted for a minimum of five days (weekday and weekend) in late November/early December 2014. **Figure 1**, located in the Appendix, illustrates the results of the traffic counts/speed surveys. Currently, the traffic volumes are generally low and well within the range expected along local residential roads. Furthermore, the speeds within the subdivision are reasonable with an average speed between 19 and 24 mph which is below the posted speed limit of 25 miles per hour. The 85th percentile speeds are between 23 and 29 mph.

Traffic Control Review

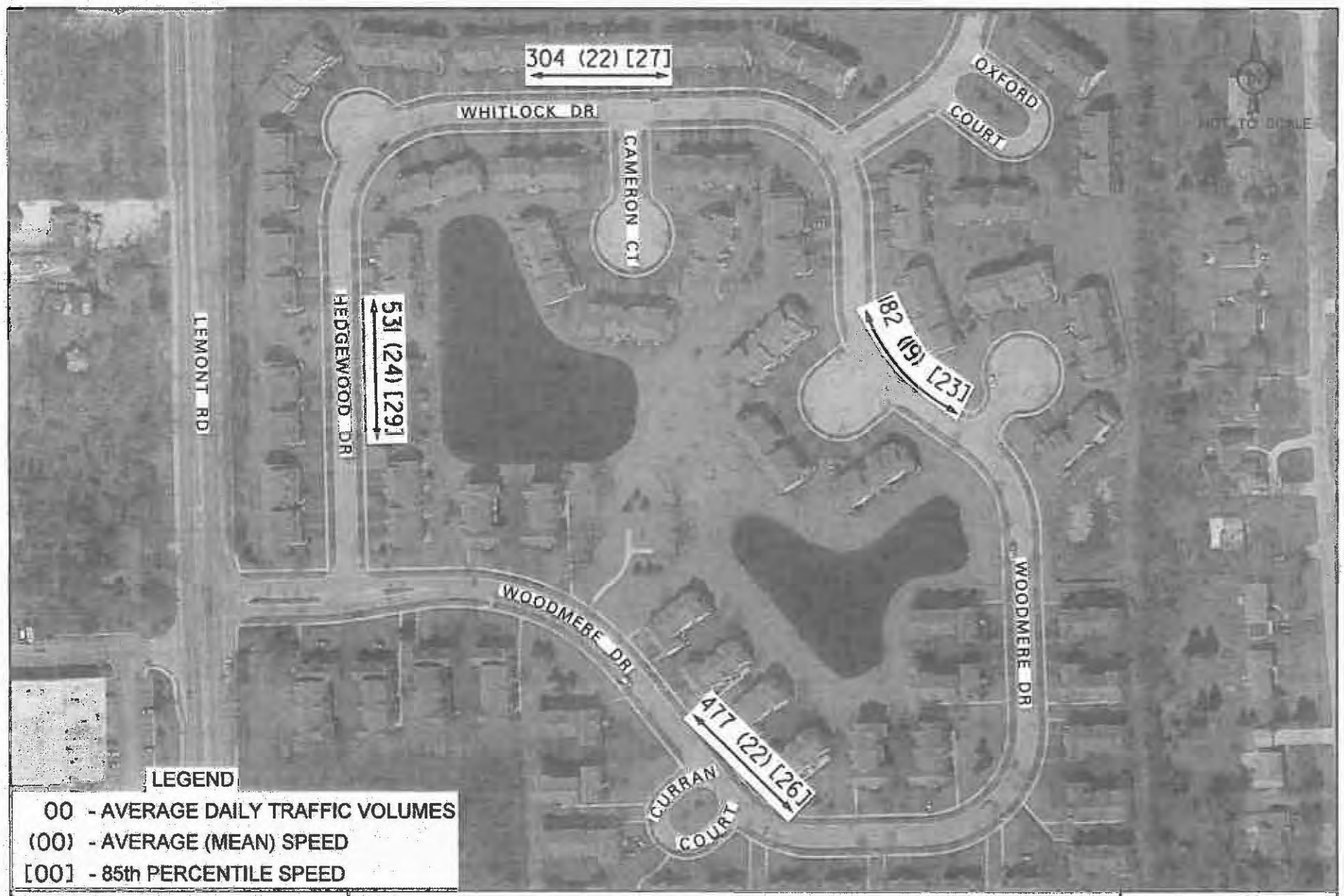
The existing physical and operating characteristics of the intersections were evaluated against the traffic control warrants provided in the *Manual on Uniform Traffic Control Devices* (MUTCD). A copy of the warrants for yield sign or stop sign control is provided in the Appendix. The existing physical and operating characteristics of the intersections do not meet any of the warrants for the installation of yield sign or stop sign control based on the following:

- Each intersection is a "T" intersection and the terminating roadway causes an expectation for traffic to stop or yield the right-of-way to the crossing roadway.
- The intersections do not have more than three approaches.
- The combined vehicular, bicycle and pedestrian volume entering the intersections from all approaches do not average more than 2,000 units per day.
- Other than the parkway trees, field observations show that there are no major obstructions at the intersections that would cause sight distance limitations. However, the City should ensure that the parkway trees are appropriately trimmed so that the foliage does not block the driver's view.
- Crash records indicated that there are not five or more crashes that involve the failure to yield the right-of-way at the intersections within a three year period.

As such, yield sign or stop sign traffic control is not warranted at any of the subject intersections. However, at the Hedgewood Drive/Woodmere Drive intersection, KLOA, Inc. would support installing stop sign control only on the Hedgewood Drive approach (one-way stop sign control) given (1) that this is the main internal intersection serving the neighborhood and (2) the proximity of the intersection to Lemont Road.

As previously stated, the result of the data collected shows that the traffic volumes and speeds along the roadway segments are within the ranges expected along residential roads. In addition, it is important to note that the MUTCD also states that yield or stop signs should not be used for speed control. To further reduce the speeds and to enhance motorist's awareness of pedestrian activity, yard signs could be placed within the influence of these locations. The purpose of yard signs is to inform motorists that they are traveling on neighborhood roads, reminding them to slow down and warning them of pedestrian activity. The City of Darien has indicated that they are willing to work with the neighborhood on the wording for the yard signs and obtaining the yard signs.

Appendix



PROJECT:
Intersection Traffic Control Evaluation
Darien, Illinois

TITLE:
Existing Average Daily Traffic, Average Speed, and 85th Percentile Speed

KLOA
Job No: 14-266

Figure102

X:\Agenda backup\Public Works Agendas\2015\January 26, 2015\Supporting Documentation\Attachment A-Woodmere and Hedgewood Stop Sign.pdf

Table 2B-1. Regulatory Sign and Plaque Sizes (Sheet 4 of 4)

Sign or Plaque	Sign Designation	Section	Conventional Road		Expressway	Freeway	Minimum	Oversized
			Single Lane	Multi-Lane				
SUNDAY (and times) (2 lines) (plaque)	R10-20aP	2B.53	24 x 18	24 x 18	—	—	—	—
Crosswalk, Stop on Red	R10-23	2B.53	24 x 30	24 x 30	—	—	—	—
Push Button To Turn On Warning Lights	R10-25	2B.52	9 x 12	9 x 12	—	—	—	—
Left Turn Yield on Flashing Red Arrow After Stop	R10-27	2B.53	30 x 36	30 x 36	—	—	—	—
XX Vehicles Per Green	R10-28	2B.56	24 x 30	24 x 30	—	—	—	—
XX Vehicles Per Green Each Lane	R10-29	2B.56	36 x 24	36 x 24	—	—	—	—
Right Turn on Red Must Yield to U-Turn	R10-30	2B.54	30 x 36	30 x 36	—	—	—	—
At Signal (plaque)	R10-31P	2B.53	24 x 9	24 x 9	—	—	—	—
Push Button for 2 Seconds for Extra Crossing Time	R10-32P	2B.52	9 x 12	9 x 12	—	—	—	—
Keep Off Median	R11-1	2B.57	24 x 30	24 x 30	—	—	—	—
Road Closed	R11-2	2B.58	48 x 30	48 x 30	—	—	—	—
Road Closed - Local Traffic Only	R11-3a,3b,4	2B.58	60 x 30	60 x 30	—	—	—	—
Weight Limit	R12-1,2	2B.59	24 x 30	24 x 30	36 x 48	—	—	36 x 48
Weight Limit	R12-3	2B.59	24 x 36	24 x 36	—	—	—	—
Weight Limit	R12-4	2B.59	36 x 24	36 x 24	—	—	—	—
Weight Limit	R12-5	2B.59	24 x 36	24 x 36	36 x 48	48 x 60	—	—
Weigh Station	R13-1	2B.60	72 x 54	72 x 54	96 x 72	120 x 90	—	—
Truck Route	R14-1	2B.61	24 x 18	24 x 18	—	—	—	—
Hazardous Material	R14-2,3	2B.62	24 x 24	24 x 24	30 x 30	36 x 36	—	42 x 42
National Network	R14-4,5	2B.63	30 x 30	30 x 30	36 x 36	36 x 36	—	42 x 42
Fender Bender Move Vehicles	R16-4	2B.65	36 x 24	36 x 24	48 x 36	60 x 48	—	48 x 36
Lights On When Using Wipers or Raining	R16-5,6	2B.64	24 x 30	24 x 30	36 x 48	48 x 60	—	36 x 48
Turn On Headlights Next XX Miles	R16-7	2B.64	48 x 15	48 x 15	72 x 24	96 x 30	—	72 x 24
Turn On, Check Headlights	R16-8,9	2B.64	30 x 15	30 x 15	48 x 24	60 x 30	—	48 x 24
Begin, End Daytime Headlight Section	R16-10,11	2B.64	48 x 15	48 x 15	72 x 24	96 x 30	—	72 x 24

* See Table 9B-1 for minimum size required for signs on bicycle facilities

Notes: 1. Larger signs may be used when appropriate
2. Dimensions in inches are shown as width x height

07 **Where side roads intersect a multi-lane street or highway that has a speed limit of 45 mph or higher, the minimum size of the STOP signs facing the side road approaches, even if the side road only has one approach lane, shall be 36 x 36 inches.**

08 **Where side roads intersect a multi-lane street or highway that has a speed limit of 40 MPH or lower, the minimum size of the STOP signs facing the side road approaches shall be as shown in the Single Lane or Multi-lane columns of Table 2B-1 based on the number of approach lanes on the side street approach.**

Guidance:

09 *The minimum sizes for regulatory signs facing traffic on exit and entrance ramps should be as shown in the column of Table 2B-1 that corresponds to the mainline roadway classification (Expressway or Freeway). If a minimum size is not provided in the Freeway column, the minimum size in the Expressway column should be used. If a minimum size is not provided in the Freeway or Expressway Column, the size in the Oversized column should be used.*

Section 2B.04 Right-of-Way at Intersections

Support:

01 State or local laws written in accordance with the "Uniform Vehicle Code" (see Section 1A.11) establish the right-of-way rule at intersections having no regulatory traffic control signs such that the driver of a vehicle approaching an intersection must yield the right-of-way to any vehicle or pedestrian already in the intersection.

When two vehicles approach an intersection from different streets or highways at approximately the same time, the right-of-way rule requires the driver of the vehicle on the left to yield the right-of-way to the vehicle on the right. The right-of-way can be modified at through streets or highways by placing YIELD (R1-2) signs (see Sections 2B.08 and 2B.09) or STOP (R1-1) signs (see Sections 2B.05 through 2B.07) on one or more approaches.

Guidance:

02 *Engineering judgment should be used to establish intersection control. The following factors should be considered:*

- *A. Vehicular, bicycle, and pedestrian traffic volumes on all approaches;*
- *B. Number and angle of approaches;*
- *C. Approach speeds;*
- *D. Sight distance available on each approach; and*
- *E. Reported crash experience.*

03 *YIELD or STOP signs should be used at an intersection if one or more of the following conditions exist:*

- *A. An intersection of a less important road with a main road where application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law;*
- *B. A street entering a designated through highway or street; and/or*
- *C. An unsignalized intersection in a signalized area.*

04 *In addition, the use of YIELD or STOP signs should be considered at the intersection of two minor streets or local roads where the intersection has more than three approaches and where one or more of the following conditions exist.*

- *A. The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day;*
- *B. The ability to see conflicting traffic on an approach is not sufficient to allow a road user to stop or yield in compliance with the normal right-of-way rule if such stopping or yielding is necessary; and/or*
- *C. Crash records indicate that five or more crashes that involve the failure to yield the right-of-way at the intersection under the normal right-of-way rule have been reported within a 3-year period, or that three or more such crashes have been reported within a 2-year period.*

05 *YIELD or STOP signs should not be used for speed control.*

Support:

06 Section 2B.07 contains provisions regarding the application of multi-way STOP control at an intersection.

Guidance:

07 *Once the decision has been made to control an intersection, the decision regarding the appropriate roadway to control should be based on engineering judgment. In most cases, the roadway carrying the lowest volume of traffic should be controlled.*

08 *A YIELD or STOP sign should not be installed on the higher volume roadway unless justified by an engineering study.*

Support:

09 The following are considerations that might influence the decision regarding the appropriate roadway upon which to install a YIELD or STOP sign where two roadways with relatively equal volumes and/or characteristics intersect:

- A. Controlling the direction that conflicts the most with established pedestrian crossing activity or school walking routes;
- B. Controlling the direction that has obscured vision, dips, or bumps that already require drivers to use lower operating speeds; and
- C. Controlling the direction that has the best sight distance from a controlled position to observe conflicting traffic.

Standard:

10 **Because the potential for conflicting commands could create driver confusion, YIELD or STOP signs shall not be used in conjunction with any traffic control signal operation, except in the following cases:**

- **A. If the signal indication for an approach is a flashing red at all times;**
- **B. If a minor street or driveway is located within or adjacent to the area controlled by the traffic control signal, but does not require separate traffic signal control because an extremely low potential for conflict exists; or**
- **C. If a channelized turn lane is separated from the adjacent travel lanes by an island and the channelized turn lane is not controlled by a traffic control signal.**

11 **Except as provided in Section 2B.09, STOP signs and YIELD signs shall not be installed on different approaches to the same unsignalized intersection if those approaches conflict with or oppose each other.**

12 **Portable or part-time STOP or YIELD signs shall not be used except for emergency and temporary traffic control zone purposes.**

13 **A portable or part-time (folding) STOP sign that is manually placed into view and manually removed from view shall not be used during a power outage to control a signalized approach unless the maintaining agency establishes that the signal indication that will first be displayed to that approach upon restoration of power is a flashing red signal indication and that the portable STOP sign will be manually removed from view prior to stop-and-go operation of the traffic control signal.**

Option:

14 A portable or part-time (folding) STOP sign that is electrically or mechanically operated such that it only displays the STOP message during a power outage and ceases to display the STOP message upon restoration of power may be used during a power outage to control a signalized approach.

Support:

15 Section 9B.03 contains provisions regarding the assignment of priority at a shared-use path/roadway intersection.

Section 2B.05 STOP Sign (R1-1) and ALL WAY Plaque (R1-3P)

Standard:

01 **When it is determined that a full stop is always required on an approach to an intersection, a STOP (R1-1) sign (see Figure 2B-1) shall be used.**

02 **The STOP sign shall be an octagon with a white legend and border on a red background.**

03 **Secondary legends shall not be used on STOP sign faces.**

04 **At intersections where all approaches are controlled by STOP signs (see Section 2B.07), an ALL WAY supplemental plaque (R1-3P) shall be mounted below each STOP sign. The ALL WAY plaque (see Figure 2B-1) shall have a white legend and border on a red background.**

05 **The ALL WAY plaque shall only be used if all intersection approaches are controlled by STOP signs.**

06 **Supplemental plaques with legends such as 2-WAY, 3-WAY, 4-WAY, or other numbers of ways shall not be used with STOP signs.**

Support:

07 The use of the CROSS TRAFFIC DOES NOT STOP (W4-4P) plaque (and other plaques with variations of this word message) is described in Section 2C.59.

Guidance:

08 *Plaques with the appropriate alternative messages of TRAFFIC FROM LEFT (RIGHT) DOES NOT STOP (W4-4aP) or ONCOMING TRAFFIC DOES NOT STOP (W4-4bP) should be used at intersections where STOP signs control all but one approach to the intersection, unless the only non-stopped approach is from a one-way street.*

Option:

09 An EXCEPT RIGHT TURN (R1-10P) plaque (see Figure 2B-1) may be mounted below the STOP sign if an engineering study determines that a special combination of geometry and traffic volumes is present that makes it possible for right-turning traffic on the approach to be permitted to enter the intersection without stopping.

Support:

10 The design and application of Stop Beacons are described in Section 4L.05.

Figure 2B-1. STOP and YIELD Signs and Plaques

R1-1 R1-3P R1-2 R1-2aP R1-10P

CITY OF DARIEN

DUPAGE COUNTY, ILLINOIS

ORDINANCE NO. _____

AN ORDINANCE AMENDING SECTION 9-2-2 (STOP SIGNS) OF CHAPTER 2 (TRAFFIC AND SIGNAL LOCATIONS) TITLE 9 (TRAFFIC REGULATIONS), OF THE DARIEN CITY CODE

ADOPTED BY THE

MAYOR AND CITY COUNCIL

OF THE

CITY OF DARIEN

THIS ____ DAY OF FEBRUARY _____, 2015

Published in pamphlet form by authority of the Mayor and City Council of the City of Darien, DuPage County, Illinois, this _____ day of February, 2015.

ORDINANCE NO. _____

AN ORDINANCE AMENDING SECTION 9-2-2 (STOP SIGNS) OF CHAPTER 2 (TRAFFIC AND SIGNAL LOCATIONS) TITLE 9 (TRAFFIC REGULATIONS), OF THE DARIEN CITY CODE

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DUPAGE COUNTY, ILLINOIS, IN THE EXERCISE OF ITS HOME RULE POWERS, as follows:

SECTION 1: That Section 9-2-2 (Stop Signs) of Chapter 2 (Traffic and Signal Locations), Title 9 (Traffic Regulations) be amended as follows to include the following change: Stop sign to be added for southbound Hedgewood Drive at Woodmere Drive.

SECTION 2: The City Municipal Services Department is hereby authorized and directed to post the appropriate sign set forth in Section 1 of this Ordinance.

SECTION 3: This ordinance and each of its terms shall be the effective legislative act of a home rule municipality without regard to whether such ordinance should (a) contain terms contrary to the provisions of current or subsequent non-preemptive state law, or (b) legislate in a manner or regarding a manner not delegated to municipalities by state law. It is the intent of the corporate authorities of the City of Darien that to the extent of the terms of this ordinance should be inconsistent with any non-preemptive state law, that this ordinance shall supersede state law in that regard within its jurisdiction.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DUPAGE COUNTY, ILLINOIS, this _____ day of February, 2015.

AYES: _____

NAYES: _____

ORDINANCE NO. _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DUPAGE COUNTY, ILLINOIS, this _____ day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT
A **resolution** accepting the unit price proposal for analytical soil testing fees from Testing Services Corporation at the proposed unit prices for certain waste for a period of May 1, 2015 through April 30, 2016.

BACKGROUND
During the year the department generates excavated materials from various Public Works projects, such as water main breaks, valve and hydrant replacements, landscape restorations and ditching projects. On July 30, 2011, Public Act 96-1416-Clean Construction or Demolition Debris (CCDD), became law. The law required the Illinois EPA to propose rules to establish technical requirements for CCDD facilities; set operating standards for uncontaminated soil fill operations; and develop standards for the maximum allowable concentrations of chemical constituents in uncontaminated soil generated during construction or demolition activities and used as fill material.

The law affects owners and operators of CCDD facilities and uncontaminated soil fill operations as well as governmental entities, road builders, landscapers, and other contractors and excavators that deliver CCDD or uncontaminated soil generated from construction or demolition activities to CCDD facilities and uncontaminated soil fill operations.

Staff requested competitive quotes for the required analytical testing services and received two (2) competitive quotes, see **Attachment A** (two pages). The lowest competitive total cost quote was provided by Testing Services Incorporated as they relate to the requirements of our 2015-16 City Council awarded landfill, EF Heil. The pricing is to be held in place from May 1, 2015 to April 30, 2016.

The expenditure would come from the Water, Street and Capital accounts, depending on the specific project generating the waste. The total estimated costs for all maintenance and budgetary programs for this item are $26,000.00 pending Capital Project budget approval.

STAFF RECOMMENDATION
Staff recommends approval of this resolution with Testing Services Corporation.

ALTERNATE CONSIDERATION
As directed by the Municipal Services Committee.

DECISION MODE
This item will be placed on the February 2, 2015 City Council agenda for formal approval.

TESTING SERVICE CORPORATION

Corporate Office:
360 S. Main Place, Carol Stream, IL 60188-2404
630.462.2600 • Fax 630.653.2988

TSC - PN 48,245*15 - 2015 UPDATE Basic CCDD Soil Disposal Pricing

30-Dec-14

City of Darien is seeking quotes to provide testing services for construction material spoils generated from repair, maintenance, and installation of municipal utilities.

		UNIT COST
Coordinate with a landfill facility and complete a project or address environmental site review for analytical testing and landfill location recommendation report for City construction material disposal	EACH	150***
Stockpile or site sample collection, including travel to site and transport sample to laboratory. 4 hour Maximum per visit	HOUR	110
Use of PID Instrument for Screening Soils	EACH	60
Compare testing results to IEPA tier one remediation objectives in tabular format. If objectives meet clean fill results provide a licensed professional engineer stamped LPC-663 with a summary report describing sampling procedures followed and results of analytical testing.	EACH	425
If results are found to be contaminated recommend and coordinate with appropriate landfill dump facility to obtain non-special or special waste permit for disposal	EACH	225
VOCs	EACH	162
SVOCs	EACH	270
PNAs	EACH	135
RCRA 8 Total metals	EACH	113
RCRA 8 TCLP Metals	EACH	203
PH	EACH	24
Preserved Vials for volatile testing	EACH	12
Pesticides/PCBs	EACH	182
Herbicides	EACH	252
BTEXs	EACH	54
EPA 35IAC1100 Full Panel	EACH	1505

TOTAL

3,852
Varies By Project
Size, Type + Location
[signature] TSC
12/30/14

Note analytical costs for 7 to 10 business day turn around.

Typical site time is 3 to 4 hours.

* Does not include additional analytical testing.

** Analysis selected dependent on soil location and disposal facility. Additional testing may be required and testing requirements are subject to change

*** If review requires EDR Radius Map Data Base Search Add $180

SITE 14075P.PRO

City of Darien is seeking quotes to provide testing services for construction material spoils generated from repair, maintenance ,and installation of municipal utilities.

		UNIT COST	TOTAL	
Coordinate with our landfil facility and complete a project or address environmental site review for analytical testing and provide recommendation report for City construction material disposal	EACH	$98/hr.	98	
Stockpile or site sample collection, including travel to site and transport sample to laboratory. 4 hour Maximum per visit	HOUR	$105/hr.	105	Typically site time is 3 to 4 hours.
Use of PID Instrument for Screening Soils	EACH	$75	75	
Compare testing results to IEPA tier one remediation objectives in tabular format, if objectives meet clean fill results provide a licensed professional engineer stamped I PC 663 with a summary report describing sampling procedures followed and results of analytical testing.	EACH	$490	490	
If results are found to be contaminated recommend and coordinate with appropreate landfil dump facility to obtain non-special or special waste permit for disposal.	EACH	$98/hr.	98	* Does not include additional analytical testing
ANALYTICAL TEST				
VOCs	EACH	$212	212	
SVOCs	EACH	$330	330	
PNAs	EACH	$165	165	
RCRA 8 Total metals	EACH	$139	139	
RCRA 8 TCLP Metals	EACH	$251	251	
PH	EACH	$27	27	
Preserved Vials for volatile testing	EACH	$15	15	
Pesticides/PCBs	EACH	$198	198	
Herbicides	EACH	$308	308	
BTEXs	EACH	$80	80	
			SUB-TOTAL A 2591	
EPA 35IAC1100 Full Panel (No TCLP)	EACH	$1836	SUB-TOTAL B 1836	** Analysis selected dependent on soil location and disposal facility. Additional testing may be required and testing requirements are subject to change
			TOTAL A&B 4427.0	

Note analytical costs for 7 to 10 day turn around.

David G. Yacko, P.E.
SITE Environmental Services, Inc.
15774 S. La Grange Road
Orland Park, IL 60462
p: 815-464-6560
f: 815-464-6481
dgy@site-es.com
www.site-es.com

RESOLUTION NO._____

A RESOLUTION ACCEPTING THE UNIT PRICE PROPOSAL FOR ANALYTICAL SOIL TESTING FEES FROM TESTING SERVICES CORPORATION AT THE PROPOSED UNIT PRICES FOR CERTAIN WASTE FOR A PERIOD OF MAY 1, 2015 THROUGH APRIL 30, 2016

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien does hereby accept a proposal from Testing Services Corporation for analytical soil testing fees per the unit price proposal for a period of May 1, 2015 through April 30, 2016, attached hereto as "**Exhibit A**".

SECTION 2: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

TESTING SERVICE CORPORATION

Corporate Office:
360 S. Main Place, Carol Stream, IL 60188-2404
630.462.2600 • Fax 630.653.2988

TSC - PN 48,245*15 - 2015 UPDATE Basic CCDD Soil Disposal Pricing

30-Dec-14

City of Darien is seeking quotes to provide testing services for construction material spoils generated from repair, maintenance ,and installation of municipal utilities.

		UNIT COST
Coordinate with a landfill facility and complete a project or address environmental site review for analytical testing and landfill location recommendation report for City construction material disposal	EACH	150***
Stockpile or site sample collection, including travel to site and transport sample to laboratory, 4 hour Maximum per visit	HOUR	110
Use of PID Instrument for Screening Soils	EACH	50
Compare testing results to IEPA tier one remediation objectives in tabular format, if objectives meet clean fill results provide a licensed professional engineer stamped LPC-663 with a summary report describing sampling procedures followed and results of analytical testing.	EACH	425
If results are found to be contaminated recommend and coordinate with appropreate landfill dump facility to obtain non-special or special waste permit for dispose	EACH	225
VOCs	EACH	162
SVOCs	EACH	270
PNAs	EACH	135
RCRA 8 Total metals	EACH	113
RCRA 8 TCLP Metals	EACH	203
PH	EACH	24
Preserved Vials for volatile testing	EACH	12
Pesticides/PCBs	EACH	162
Herbicides	EACH	252
BTEXs	EACH	54
EPA 35IAC1100 Full Panel	EACH	1505

3,852
Values By Project
Size, Type & Location
Darien TSC
12/30/14

TOTAL
Note analytical costs for 7 to 10 business day turn around.

Typical site time is 3 to 4 hours.

* Does not include additional analytical testing.

** Analysis selected dependent on soil location and disposal facility. Additional testing may be required and testing requirements are subject to change

*** If review requires EDR Radius Map Data Base Search Add $160

AGENDA MEMO
Municipal Services Committee Meeting
January 26, 2015

ISSUE STATEMENT

Preliminary approval of a **Resolution** for the 2015 Sidewalk, Apron and Curb and Gutter Removal and Replacement Program contract and the Oldfield Rd. Curb and Gutter Placement with Suburban Concrete, Inc. in an amount not to exceed $429,246.76 and to waive the residential $75.00 permit fee application for concrete work.

BACKGROUND/HISTORY

The Sidewalk and Curb and Gutter Removal and Replacement Program calls for the removal and replacement of deficient rated sidewalk and curb and gutter. The rating system assigns to sidewalks a numerical rating of 1-5, with 5 being defined as an extreme hazard. The FY 15-16 Budget allocates for the removal and replacement of all the identified sidewalks with current ratings of 4 and 5, deficient curb and gutter as it relates to the proposed road resurfacing project and quantities for the repair of concrete following main break restoration and street department repairs. The program also allows for resident call-ins when deficient sidewalks and curb and gutter are identified. See attached Program Quantities labeled as **Attachment A**.

The program also calls out for the installation of approximately 1,000 lineal feet of curb and gutter adjacent to Oldfield Rd. The placement of the curb and gutter will allow the stormwater collected from the roadway to flow into drainage structures.

The contract also offers residents at a pass through cost the opportunity to remove and replace their deficient concrete driveways, aprons, and the curb and gutter fronting their apron. This will allow the City to remove and replace deficient sidewalk slabs fronting a deficient apron and would allow a resident to participate in the concrete replacement program to correct the apron deficiency. Staff is further requesting that the $75.00 permit fee application be waived to residents that participate in the concrete program with the proposed vendor since the staff will be on site and inspecting the work.

Attached and labeled as **Attachment B**, please find the prices received at the bid opening held on January 14, 2015. Staff received nine (9) bids with the lowest bidder being Suburban Concrete, Inc.

STAFF RECOMMENDATION

Pending final funding for the program, staff recommends approval of the contract from Suburban Concrete, Inc. in an amount not to exceed $429,246.76 for the 2015 Sidewalk, Apron and Curb and Gutter Removal Replacement Program and the Oldfield Rd. Curb and Gutter Placement and to waive the residential $75.00 permit fee application for concrete work. Suburban Concrete has

completed the concrete work for the City of Darien in 2009, 2010, 2011, 2012, 2013 and 2014 with quality workmanship.

Pending the FY15-16 Budget approval, the proposed contract will be forwarded to an upcoming February City Council Meeting for formal approval.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on an upcoming February City Council Meeting for formal consideration and subject to the FY15-16 Budget approval.

2015 CONCRETE SIDEWALK, APRON AND CURB AND GUTTER REMOVAL AND REPLACEMENT PROGRAM

	A	B	C	D	E	F	G
1	**SIDEWALK COST:**						
2	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST STREET DEPT AND CAPITAL	TOTAL COST WATER DEPARTMENT	TOTAL
3	DEFICIENT SIDEWALK-PCC-SIDEWALK IN PLACE	16,500	SQUARE FOOT	$ 4.33	$ 71,445.00	$	$ 71,445.00
4	ADA SIDEWALK	250	SQUARE FOOT	$ 18.00	$ 4,500.00	$	$ 4,500.00
5	SIDEWALK RESTORATION-WATER DEPT	1,102	SQUARE FOOT	$ 4.33	$	$ 4,771.66	$ 4,771.66
19	OLD FIELD ROAD SPECIAL	1,000	LINEAL FOOT	$ 13.95	$ 13,950.00		$ 13,950.00
6	**TOTAL SIDEWALK COST:**				$ 89,895.00	$ 4,771.66	$ 94,666.66
7							
8	**APRON COST:**						
9	APRON REMOVAL AND REPLACEMENT-PW PROJECTS-PCC-DRIVE WAY APRON	2,500	SQUARE FOOT	$ 4.47	$ 11,175.00	$	$ 11,175.00
10	CONCRETE SEALER	2,500	SQUARE FOOT	$ 1.25	$ 3,125.00		$ 3,125.00
11	APRON RESTORATION	2,705	SQUARE FOOT	$ 4.47	$	$ 12,091.35	$ 12,091.35
12	CONCRETE SEALER	2,705	SQUARE FOOT	$ 1.25		$ 3,381.25	$ 3,381.25
13	**TOTAL APRON COSTS:**				$ 14,300.00	$ 15,472.60	$ 29,772.60
14							
15	**CURB AND GUTTER COST:**						
16	DESCRIPTION	QUANTITY	UNIT	ESTIMATED UNIT COST	TOTAL COST STREET DEPARTMENT	TOTAL COST WATER DEPARTMENT	TOTAL
17	CURB AND GUTTER REMOVAL AND REPLACEMENT-ROAD PROGRAM	21,420	LINEAL FOOT	$ 13.95	$ 298,809.00	$	$ 298,809.00
18	CURB AND GUTTER-WATER DEPARTMENT	430	LINEAL FOOT	$ 13.95	$	$ 5,998.50	$ 5,998.50
20	**TOTAL CURB AND GUTTER COST:**				$ 298,809.00	$ 5,998.50	$ 304,807.50
21	**TOTAL PROPOSED EXPENDITURE**				$ 403,004.00	$ 26,242.76	$ 429,246.76
22	**REQUESTED EXPENDITURE**						$ 429,246.76

2015 CONCRETE PROGRAM COST SUMMARY

	A	B	C	D		
23	ACCOUNT NO. AND DESCRIPTION	BUDGET ALLOCATION	PROPOSED EXPENDITURE	BALANCE		
24	25-35-4380 SIDEWALK PROGRAM	$ 71,445.00	$ 71,445.00	$ -		
25	25-35-4380 SIDEWALK PROGRAM-ADA	$ 4,500.00	$ 4,500.00	$ -		
	25-35-4380 SIDEWALK OLDFIELD RD SPECIAL	$ 13,950.00	$ 13,950.00			
26	SUB TOTAL	$ 89,895.00	$ 89,895.00	$ -		
27	25-35-4383 CURB AND GUTTER	$ 298,809.00	$ 298,809.00	$ -		
28	25-35-4383 APRON REMOVAL AND REPLACEMENT-PW PROJECTS-PCC-DRIVE WAY APRON	$ 11,175.00	$ 11,175.00	$ -		
29	25-35-4383 APRON SEALER-PW PROJECTS-	$ 3,125.00	$ 3,125.00	$ -		
29	SUB TOTAL	$ 403,004.00	$ 403,004.00	$ -		
30	02-50-4231-MAINT WATER SYSTEM-FLATWORK SIDEWALK	$ 4,771.66	$ 4,771.66			
31	02-50-4231-MAINT WATER SYSTEM-FLATWORK APRON	$ 15,472.60	$ 15,472.60	$ -		
32	02-50-4231-MAINT WATER SYSTEM-FLATWORK CURB & GUTTER	$ 5,998.50	$ 5,998.50	$ -	$ 26,242.76	$ (26,242.76)
33	TOTAL PROGRAM COST	$ 429,246.76	$ 429,246.76			

CITY OF DARIEN PUBLIC WORKS
1702 PLAINFIELD ROAD
DARIEN, IL 60561

SEALED BID: 2015 Concrete Program

OPENING DATE/TIME: January 14, 2015 @ 10:30 a.m.

			Mondi Construction, Inc.		Path Construction Company Inc.		Suburban Concrete, Inc.		Schroeder & Schroeder, Inc.		A.Lamp Concrete	
		Quantity - Maximum	bid bond		bid bond		bid bond		bid bond		bid bond	
ITEM	DESCRIPTION	Proposed	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost
1	Sidewalk	20,000	$ 4.30	$ 86,000.00	$ 4.30	$ 86,000.00	$ 4.33	$ 86,600.00	$ 6.00	$ 120,000.00	$ 5.50	$ 110,000.00
2	ADA	250	$ 27.50	$ 6,875.00	$ 19.50	$ 4,875.00	$ 18.00	$ 4,500.00	$ 50.00	$ 12,500.00	$ 20.00	$ 5,000.00
3	Driveway Apron	10,500	$ 4.30	$ 45,150.00	$ 5.50	$ 57,750.00	$ 4.33	$ 45,465.00	$ 7.00	$ 73,500.00	$ 5.80	$ 60,900.00
3A	Apron w/fiber mesh	15,500	$ 4.50	$ 69,750.00	$ 6.50	$ 100,750.00	$ 4.47	$ 69,285.00	$ 8.00	$ 124,000.00	$ 6.50	$ 100,750.00
4	Curb & Gutter w/grout	27,500	$ 15.00	$ 412,500.00	$ 16.75	$ 460,625.00	$ 13.95	$ 383,625.00	$ 25.00	$ 687,500.00	$ 19.50	$ 536,250.00
5	Driveway concrete w/wire mesh or fiber mesh concrete mix	TBD	$ 6.00	$ 6.00	$ 7.00	$ 7.00	$ 6.95	$ 6.95	$ 12.00	$ 12.00	$ 9.00	$ 9.00
6	Concrete sealer-apron	TBD	$ 1.00	$ 1.00	$ 1.00	$ 1.00	$ 1.25	$ 1.25	$ 1.00	$ 1.00	$ 1.50	$ 1.50
7	Concrete sealer-driveway	TBD	$ 1.00	$ 1.00	$ 1.00	$ 1.00	$ 1.25	$ 1.25	$ 1.00	$ 1.00	$ 1.50	$ 1.50
8	High Early Cement 7-Bag Mix	TBD	$ 12.00	$ 12.00	$ 16.00	$ 16.00	$ 25.00	$ 25.00	$ 1.00	$ 1.00	$ 10.00	$ 10.00
	TOTALS			**$ 620,295.00**		**$ 710,025.00**		**$ 589,509.45**		**$ 1,017,515.00**		**$ 812,922.00**

			G & M Cement		Globe Construction, Inc.		D'Land Construction, LLC		Austin Tyler Construction, Inc.			
		Quantity - Maximum	bid bond		bid bond		bid bond		bid bond			
ITEM	DESCRIPTION	Proposed	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost
1	Sidewalk	20,000	$ 6.90	$ 138,000.00	$ 5.00	$ 100,000.00	$ 5.50	$ 110,000.00	$ 5.00	$ 100,000.00		
2	ADA	250	$ 25.00	$ 6,250.00	$ 18.00	$ 4,500.00	$ 20.00	$ 5,000.00	$ 15.00	$ 3,750.00		
3	Driveway Apron	10,500	$ 7.50	$ 78,750.00	$ 5.75	$ 60,375.00	$ 6.20	$ 65,100.00	$ 6.00	$ 63,000.00		
3A	Apron w/fiber mesh	15,500	$ 7.90	$ 122,450.00	$ 6.25	$ 96,875.00	$ 6.70	$ 103,850.00	$ 6.00	$ 93,000.00		
4	Curb & Gutter w/grout	27,500	$ 23.00	$ 632,500.00	$ 27.50	$ 756,250.00	$ 19.75	$ 543,125.00	$ 23.00	$ 632,500.00		
5	fiber mesh concrete mix	TBD	$ 7.90	$ 7.90	$ 6.25	$ 6.25	$ 9.50	$ 9.50	$ 10.00	$ 10.00		
6	Concrete sealer-apron	TBD	$ 1.50	$ 1.50	$ 1.00	$ 1.00	$ 5.00	$ 5.00	$ 2.00	$ 2.00		
7	Concrete sealer-driveway	TBD	$ 1.50	$ 1.50	$ 1.00	$ 1.00	$ 5.00	$ 5.00	$ 2.00	$ 2.00		
8	High Early Cement 7-Bag Mix	TBD	$ 8.75	$ 8.75	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 12.00	$ 12.00		
	TOTALS			**$ 977,969.65**		**$ 1,018,018.25**		**$ 827,104.50**		**$ 892,276.00**		

RESOLUTION NO._____

A RESOLUTION APPROVING A CONTRACT FOR THE 2015 CONCRETE SIDEWALK, APRON, CURB AND GUTTER REMOVAL AND REPLACEMENT PROGRAM, THE OLDFIELD ROAD CURB AND GUTTER PLACEMENT AND WAIVING THE $75.00 PERMIT FEE APPLICATION TO PARTICIPATING RESIDENTS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby authorizes the Mayor to execute a Contract for the 2015 Concrete Sidewalk, Apron and Curb and Gutter Removal and Replacement Program and the Oldfield Road Curb and Gutter Placement between the City of Darien and Suburban Concrete, Inc., attached hereto as "**Exhibit A**".

SECTION 2: The $75.00 permit fee is waived for residents who participate in the program.

SECTION 3: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

SECTION II

BIDDER SUMMARY SHEET

2015 SIDEWALK/DRIVEWAY/APRON AND CURB AND GUTTER CONCRETE REPLACEMENT PROGRAM

Firm Name: SUBURBAN CONCRETE INC.

Address: 21221 W COMMERCIAL DR

City, State, Zip Code: MUNDELEIN IL 60060

Contact Person: JOHN LEVERICK

FEIN #: 36-3590969

Phone: (847) 837-8805 Fax: (847) 837-8827

Mobile: (847) 833-2050

E-mail Address: SUBURBANCONCRETE@COMCAST.NET

RECEIPT OF ADDENDA: The receipt of the following addenda is hereby acknowledged:

Addendum No. _____, Dated _____

Addendum No. _____, Dated _____

Schedule of Prices for:

SUMMARY SCHEDULE

All bids shall be sealed and returned prior to the bid opening at 10:30 AM. on Wednesday, January 14, 2015 at the City of Darien, 1702 Plainfield Road, Darien, Illinois, 60561.

NO.	DESCRIPTION	QUANTITY	UNIT		UNIT COST	TOTAL COST
1.	PCC-SIDEWALK IN PLACE	15,000-20,000	SQUARE FOOT	20,000 X Unit Cost	4.33	86,600 00
2.	PCC-SIDEWALK IN PLACE-ADA	50-250	SQUARE FOOT	250 X Unit Cost	18.00	4500. 00
3.	PCC-DRIVE WAY APRON	2,000-10,500	SQUARE FOOT	10,500 X Unit Cost	4.33	45,465 00
3A.	PCC-DRIVE WAY APRON WITH FIBER MESH	2,000-15,500	SQUARE FOOT	15,500 X Unit Cost	4.47	69,285 00
4.	PCC CURB AND GUTTER – WITH CONCRETE GROUT (CLSM)	21,000-27,500	LINEAL FOOT	27,500 X Unit Cost	13.95	383,625 00
5.	DRIVEWAY CONCRETE WITH WIRE MESH OR FIBER MESH CONCRETE MIX	TO BE DETERMINED	SQUARE FOOT	1 X Unit Cost	6.95	6.95
6.	CONCRETE SEALER – APRON	TO BE DETERMINED	SQUARE FOOT	1 X Unit Cost	1.25	1.25
7.	CONCRETE SEALER – DRIVEWAY	TO BE DETERMINED	SQUARE FOOT	1 X Unit Cost	1.25	1.25
8.	HIGH EARLY CEMENT 7-BAG MIX	TO BE DETERMINED	SQUARE FOOT	1 X Unit Cost	25.00	25.00
9.	TOTAL PROJECT COST					589,509 45

Total Project Cost in written form: Five Hundred Eighty Nine Thousand Five Hundred & Nine Dollars & 45/100

Below, please find an item description of the abovementioned:

1 - This item will include the following:
- Removal of existing concrete sidewalk with a GRAD ALL
- Placement of forms shall consist of slip-forms
- Placement and finishing of the concrete sidewalk
- Unit of measurement for pay item is per square foot
- Sidewalk thickness shall be at 4-inches, except through the driveway which shall be at 5-inches.

2 - This item will include the following:
- Removal of existing concrete sidewalk with a GRAD ALL
- Placement and finishing of the concrete sidewalk to comply with the American with Disabilities Act for depressing sidewalk at intersections as requested. The concrete will consist of a Red concrete produced at the concrete plant, and the insertion of the truncated dome as specified per the attached.

This Contract is made this _____ day of _____, 20__ by and between the City of Darien (hereinafter referred to as the "CITY") and _____ (hereinafter referred to as the "CONTRACTOR").

WITNESSETH

In consideration of the promises and covenants made herein by the CITY and the CONTRACTOR (hereinafter referred to collectively as the "PARTIES"), the PARTIES agree as follows:

SECTION 1: THE CONTRACT DOCUMENTS: This Contract shall include the following documents (hereinafter referred to as the "CONTRACT DOCUMENTS") however this Contract takes precedence and controls over any contrary provision in any of the CONTRACT DOCUMENTS. The Contract, including the CONTRACT DOCUMENTS, expresses the entire agreement between the PARTIES and where it modifies, adds to or deletes provisions in other CONTRACT DOCUMENTS; the Contract's provisions shall prevail. Provisions in the CONTRACT DOCUMENTS unmodified by this Contract shall be in full force and effect in their unaltered condition.

The Invitation to Bid
The Instructions to the Bidders
This Contract
The Terms and Conditions
The Bid as it is responsive to the CITY'S bid requirements
All Certifications required by the City
Certificates of insurance
Performance and Payment Bonds as may be required by the CITY

SECTION 2: SCOPE OF THE WORK AND PAYMENT: The CONTRACTOR agrees to provide labor, equipment and materials necessary to provide the services as described in the CONTRACT DOCUMENTS and further described below:

Unit Pricing for the 2014 Sidewalk/Driveway/Apron and Curb and Gutter Concrete Replacement Program

(Hereinafter referred to as the "WORK") and the CITY agrees to pay the CONTRACTOR pursuant to the provisions of the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*) the following amount for performance of the described unit prices.

SECTION 3: ASSIGNMENT: CONTRACTOR shall not assign the duties and obligations involved in the performance of the WORK which is the subject matter of this Contract without the written consent of the CITY.

SECTION 4: TERM OF THE CONTRACT: This Contract shall commence on the date of its execution. The WORK shall commence upon receipt of a Notice to Proceed and continue for the period specified. This Contract shall terminate upon completion of the WORK, but may be terminated by either of the PARTIES for default upon failure to cure after ten (10) days prior written notice of said default from the aggrieved PARTY. The CITY, for its convenience, may terminate this Contract with thirty (30) days prior written notice.

SECTION 5: INDEMNIFICATION AND INSURANCE: The CONTRACTOR shall indemnify and hold harmless the CITY, its officials, officers, directors, agents, employees and representatives and assigns, from lawsuits, actions, costs (including attorneys' fees), claims or liability of any character, incurred due to the alleged negligence of the CONTRACTOR, brought because of any injuries or damages received or sustained by any person, persons or property on account of any act or omission, neglect or misconduct of said CONTRACTOR, its officers,

agents and/or employees arising out of, or in performance of any of the provisions of the CONTRACT DOCUMENTS, including any claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act" or any other law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the CITY, its officials, officers, directors, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. The CONTRACTOR shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities. The Contractor shall not make any settlement or compromise of a lawsuit or claim, or fail to pursue any available avenue of appeal of any adverse judgment, without the approval of the City and any other indemnified party. The City or any other indemnified party, in its or their sole discretion, shall have the option of being represented by its or their own counsel. If this option is exercised, then the Contractor shall promptly reimburse the City or other indemnified party, upon written demand, for any expenses, including but not limited to court costs, reasonable attorneys' and witnesses' fees and other expenses of litigation incurred by the City or other indemnified party in connection therewith. Execution of this Contract by the CITY is contingent upon receipt of Insurance Certificates provided by the CONTRACTOR in compliance with the CONTRACT DOCUMENTS.

SECTION 6: COMPLIANCE WITH LAWS: The bidder shall at all times observe and comply with all laws, ordinances and regulations of the federal, state, local and City governments, which may in any manner affect the preparation of bids or the performance of the Contract. Bidder hereby agrees that it will comply with all requirements of the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., including the provision dealing with sexual harassment and that if awarded the Contract will not engage in any prohibited form of discrimination in employment as defined in that Act and will require that its subcontractors agree to the same restrictions. The contractor shall maintain, and require that its subcontractors maintain, policies of equal employment opportunity which shall prohibit discrimination against any employee or applicant for employment on the basis of race, religion, color, sex, national origin, ancestry, citizenship status, age, marital status, physical or mental disability unrelated to the individual's ability to perform the essential functions of the job, association with a person with a disability, or unfavorable discharge from military service. Contractors and all subcontractors shall comply with all requirements of the Act and of the Rules of the Illinois Department of Human Rights with regard to posting information on employees' rights under the Act. Contractors and all subcontractors shall place appropriate statements identifying their companies as equal opportunity employers in all advertisements for workers to be employed in work to be performed. Not less than the Prevailing Rate of Wages as found by the City of Darien or the Department of Labor shall be paid to laborers, workmen, and mechanics performing work under the Contract. If awarded the Contract, contractor must comply with all provisions of the Illinois Prevailing Wage Act, including, but not limited to, providing certified payroll records to the Municipal Services Department. Contractor and subcontractors shall be required to comply with all applicable federal laws, state laws and regulations regarding minimum wages, limit on payment to minors, minimum fair wage standards for minors, payment of wage due employees, and health and safety of employees. Contractor and subcontractor are required to pay employees all rightful salaries, medical benefits, pension and social security benefits pursuant to applicable labor agreements and federal and state statutes and to further require withholdings and deposits therefore. The CONTRACTOR shall obtain all necessary local and state licenses and/or permits that may be required for performance of the WORK and provide those licenses to the CITY prior to commencement of the WORK if applicable.

SECTION 7: NOTICE: Where notice is required by the CONTRACT DOCUMENTS it shall be considered received if it is delivered in person, sent by registered United States mail, return receipt requested, delivered by messenger or mail service with a signed receipt, sent by facsimile or e-mail with an acknowledgment of receipt, to the following:

City of Darien
1702 Plainfield Road
Darien, IL 60561
Attn: Director of Municipal Services

SECTION 8: STANDARD OF SERVICE: Services shall be rendered to the highest professional standards to meet or exceed those standards met by others providing the same or similar services in the Chicagoland area. Sufficient competent personnel shall be provided who with supervision shall complete the services required within the time allowed for performance. The CONTRACTOR'S personnel shall, at all times present a neat appearance and shall be trained to handle all contact with City residents or City employees in a respectful manner. At the request of the Director of Municipal Services or a designee, the CONTRACTOR shall replace any incompetent, abusive or disorderly person in its employ.

SECTION 9: PAYMENTS TO OTHER PARTIES: The CONTRACTOR shall not obligate the CITY to make payments to third parties or make promises or representations to third parties on behalf of the CITY without prior written approval of the City Administrator or a designee.

SECTION 10: COMPLIANCE: CONTRACTOR shall comply with all of the requirements of the Contract Documents, including, but not limited to, the Illinois Prevailing Wage Act where applicable and all other applicable local, state and federal statutes, ordinances, codes, rules and regulations.

SECTION 11: LAW AND VENUE: The laws of the State of Illinois shall govern this Contract and venue for legal disputes shall be DuPage County, Illinois.

SECTION 12: MODIFICATION: This Contract may be modified only by a written amendment signed by both PARTIES.

FOR: THE CITY	FOR: THE CONTRACTOR
By:_____	By:_____
Print Name: _____	Print Name: _____
Title: Mayor	Title: _____
Date: _____	Date: _____

AGENDA MEMO
Municipal Services Committee
January 26, 2015

ISSUE STATEMENT

Preliminary approval of a **resolution** authorizing the Mayor and City Clerk to execute a contract for the 2015 Neighborhood Drainage Program between the City of Darien and Scorpio Construction Corp. for the layout and replacement of storm sewer pipes and structures, and grading in an amount not to exceed $496,805.00.

	Scorpio Construction	Total Project Cost
BASE BID		
***1. Chestnut & Alabama**	**$139,955.00**	**$ 555,827.35**
***2. 69th Street** – Clarendon Hills Road to Crest Road	**$103,030.00**	**$ 433,560.89**
***3. Tennessee Avenue** – 72nd Street to Plainfield Road	**$ 48,730.00**	**$ 196,477.27**
Base Bid Total	**$291,715.00**	**$1,185,865.51**
ALTERNATES-PENDING BUDGET DISCUSSIONS		
***1. Peony Place** – Brookbank Road – High Road	**$ 25,140.00**	**$ 114,007.95**
***2. Western Avenue** – City Limits to 67th Street	**$ 30,990.00**	**$ 133,227.13**
***3. Sunrise Avenue** – Janet Avenue to Elm Street	**$ 65,260.00**	**$ 237,833.04**
***4. 72nd Street** – Richmond Avenue to Community Park	**$ 83,700.00**	**$ 328,354.04**
Alternate Totals	**$205,090.00**	**$ 813,422.16**
Total Base and Alternate Costs	**$496,805.00**	**$1,999,287.67**

*Roads are scheduled for resurfacing in 2016.

BACKGROUND

The proposed FY 15-16 Budget includes preliminary funding for the following neighborhood drainage projects:

Base Bid:

* **Chestnut & Alabama**
* **69th Street** – Clarendon Hills Road to Crest Road
* **Tennessee Avenue** – 72nd Street to Plainfield Road

The following neighborhood drainage projects are Alternates and will be reviewed for the FY 2015-16 Budget:

* **Peony Place** – Brookbank Road – High Road
* **Western Avenue** – City Limits to 67th Street
* **Sunrise Avenue** – Janet Avenue to Elm Street
* **72nd Street** – Richmond Avenue to Community Park

Residents adjacent to these projects have requested that the City address standing water in the ditches fronting their residences. The scope of work under the proposed contract would include the removal and replacement of culverts, removal and installation of inlets as required, ditch regrading, and bank

stabilization and preparation for landscape restoration. All materials and outsourcing for landscaping, bituminous surface, concrete, testing, trucking and tipping and transfer fees are under separate agenda memos.

Below is a narrative of the projects:

Chestnut & Alabama – Richmond Avenue to Alabama Avenue: The proposed is related to the deficient storm water ditch conveyance on Chestnut Lane and Alabama Avenue. The existing conditions within the existing right of way ditches do not allow the conveyance of storm water to flow downstream or to dedicated structures. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 6,000 lineal feet of ditch regrading. The project goal is to allow storm water to flow from the summits as determined to downstream basins or existing downstream ditches or creeks.
The roadway is scheduled for resurfacing next year.

69th Street – Clarendon Hills Road to Crest Road: The proposed is related to the deficient storm water ditch conveyance on 69th Street. The existing conditions on 69th Street within the southern and northern right of way ditch do not allow for the conveyance of storm water to flow to High Road. During significant storm events, structures have experienced flooding. The proposed project would include the removal and replacement of deteriorated culverts and storm sewer structures, and installation of inlets as required. The scope of work would also include the enclosure of ditches as necessary or existing, and approximately 2,100 lineal feet of ditch line regrading. The project goal is to allow storm water to flow from the summits as determined, to downstream basins or existing downstream ditches or creeks. Engineering plans are on file; no Layout payout item will be included for this project.
The roadway is scheduled for resurfacing next year.

Tennessee Avenue – 72nd Street to Plainfield Road: The proposed is related to the deficient storm water ditch conveyance on Peony Place – 72nd Street to Plainfield Road. The existing conditions have a negative impact to residents on 72nd. The storm water should flow towards Plainfield Road and due to the deficient infrastructure in place, water flows towards 72nd Street and has a further negative impact to 71st Street. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,500 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.
The roadway is scheduled for resurfacing next year.

Peony Place – Brookbank Road to High Road: The proposed is related to the deficient storm water ditch conveyance on Peony Place – Brookbank Road to High Road. The existing conditions on Peony Place within the northern and southern right of way do not allow the conveyance of storm water to flow from Brookbank Road to High Road. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,500 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.
The proposed project is an Alternate and is being considered for the FY 15-16 Budget should funding be available. The roadway is scheduled for resurfacing next year.

Western Avenue – City Limits to 67th Street: The proposed is related to the deficient storm water ditch conveyance on Western Avenue – City Limits to 67th Street. The existing conditions on Western Avenue within the eastern and western right of way do not allow the conveyance of storm water to flow down

Western Avenue to 67th Street. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,500 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.
The proposed project is an Alternate and is being considered for the FY 15-16 Budget should funding be available. The roadway is scheduled for resurfacing next year.

Sunrise Avenue – Janet Avenue to Elm Street: The proposed is related to the deficient storm water ditch conveyance on Sunrise Avenue from Janet Avenue to Elm Street. The existing conditions on Sunrise Avenue within the eastern and western right of way do not allow the conveyance of storm water from the summit to the Janet Avenue/Elm Street ditches. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,100 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.
The proposed project is an Alternate and is being considered for the FY 15-16 Budget should funding be available. The roadway is scheduled for resurfacing next year.

72nd Street – Richmond Avenue to Community Park: The proposed is related to the deficient storm water ditch conveyance on 72nd Street – Richmond Avenue to Community Park. The existing conditions of 72nd Street within the northern and southern right of way do not allow the conveyance of storm water to flow from Richmond Avenue to Community Park. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,500 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.
The proposed project is an Alternate and is being considered for the FY 15-16 Budget should funding be available. The roadway is scheduled for resurfacing next year.

Staff had received four (4) sealed bids on January 14, 2015. All four (4) of the bids were responsive; see Attachment A. The bid tabulation includes three (3) base bids and four (4) alternatives. Upon review of the bids, Scorpio Construction was the lowest overall bid, and staff recommends awarding the 2015 Ditch Maintenance Contract to Scorpio Construction. The final projects will be determined by the City Council upon Budget Hearings.

Attachment B summarizes the total cost for each project and includes materials, additional services and the proposed bid costs for the 2015 Neighborhood Drainage Program.

The proposed contract with Scorpio Construction Corp includes the following:

A. Field Layout
B. Removal and Placement of Deteriorated Pipes
C. Removal and Placement of Inlets, Catch Basins and Grates
D. Ditch Regrading

Scorpio Construction has provided services for the ditching program in 2008, 2010, 2011, 2012, 2013, and 2014 with very satisfactory results.

The proposed expenditure would be spent from the following account:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	FY 15/16 PROPOSED BUDGET	PROPOSED EXPENDITURE TO SCORPIO	TOTAL PROJECT COST
25-35-4376	DITCH PROJECTS	$1,984,100.00	$496,805.00	$1,984,100.00

STAFF RECOMMENDATION

Staff recommends approval of the proposed contract with Scorpio Construction Corp. for the Base Bid Projects – Chestnut & Alabama, 69th Street, and Tennessee Avenue.

Staff recommends the following alternatives should funding be available: Peony Place, Western Avenue, Sunrise Avenue and 72nd Street. **All proposed projects are pending Budget approval.**

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on a future City Council agenda, pending Budget consideration, for formal approval.

CITY OF DARIEN
2015 Ditch Program Bid Results

	Bisping Construction Company	Scorpio Construction Company	Suburban General Construction, Inc.	A. Lamp Concrete
	Addendum #1 Present	Addendum #1 Present	Addendum #1 Present	Addendum #1 Present
Base Bid				
Chestnut & Alabama	***$ 218,521.50***	***$ 139,955.00***	***$ 168,175.00***	***$ 511,200.00***
69th Street	***$ 137,345.00***	***$ 103,030.00***	***$ 123,530.00***	***$ 429,200.00***
Tennessee Ave	***$ 68,915.00***	***$ 48,730.00***	***$ 63,349.00***	***$ 217,900.00***
Total Base Bid	***$ 424,781.50***	***$ 291,715.00***	***$ 355,054.00***	***$ 1,158,300.00***
Alternate Bid				
Peony Place	$ 46,625.00	$ 25,140.00	$ 37,298.00	$ 144,850.00
Western Avenue	$ 57,290.00	$ 30,990.00	$ 45,395.00	$ 176,000.00
Sunrise Avenue	$ 81,190.00	$ 65,260.00	$ 66,975.00	$ 322,400.00
72nd Street	$ 154,975.00	$ 83,700.00	$ 113,330.00	$ 536,200.00
Total Alternate Bid	$ 340,080.00	$ 205,090.00	$ 262,998.00	$ 1,179,450.00
Total Bid	$ 764,861.50	$ 496,805.00	$ 618,052.00	$ 2,337,750.00

JOB LOCATION	Chestnut Lane-Richmond-Alabama-Project T						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
12-inch Sdr26 2241	0	LINEAL FT		$ -		$ -	
16-inch Sdr26 2241	1200	LINEAL FT		$ 33,180.00		$ -	
12-INCH CULVERT METAL PIPE	1000	LINEAL FT		$ 7,630.00	0	$ -	
15-INCH CULVERT METAL PIPE	1500	LINEAL FT		$ 14,415.00	0	$ -	
18-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
12-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
15-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
18-INCH HDPE	200	LINEAL FT		$ 1,894.00	0	$ -	
12-INCH BAND	20	EACH		$ 7.00	0	$ -	
15-INCH BAND	10	EACH		$ 144.20	0	$ -	
18-INCH BAND	0	EACH		$ -	0	$ -	
4-INCH HDPE PIPE WITH SOCK-NPDES	200	LINEAL FT		$ 240.00	0	$ -	
4-INCH HDPE PIPE WITH SOCK	200	LINEAL FT		$ 94.00	0	$ -	
6-INCH HDPE PIPE WITH SOCK-NPDES	0	LINEAL FT		$ -	0	$ -	
12x12 GARDEN INLETS	50	EACH		$ 3,750.00	0	$ -	
BEEHIVE GRATE	50	EACH		$ 6,600.00	0	$ -	
2 X 24 INLET	50	EACH		$ 3,200.00			
2 X 30 INLET					0	$ -	
2 X 36 INLET					0	$ -	
2X36 CB OR INLET	3	EACH		$ 259.50	0	$ -	
4-FOOT MANHOLE WITH BOTTOM	5	EACH		$ 7,500.00	0	$ -	
12-18 INCH FLARED END SECTIONSWITH ANIMAL GRATES	60	EACH		$ 4,500.00	0	$ -	
MISC CONCRETE REMOVAL	1	EACH	$ 5,000.00	$ 5,000.00			
CONCRETE DRIVEWAY	3,000	SQ FT	$4.33	$ 12,990.00		$ -	
TOTAL LENGTH (FT)=	150		$ -			$ -	
WIDTH (FT)=	20					$-	
AREA (SF)=	3000					$-	
CONCRETE SEALER	3,000		$1.25	$ 3,750.00	0	$ -	
BITUMINOUS DRIVEWAYS	1,667	SQ YD		$ 85,017.00	0	$ -	
TOTAL LENGTH (FT)=	1000					$ -	
WIDTH (FT)=	15					$ -	
AREA (SY)=	1667					$ -	
BITUMINOUS STREET CROSSING-SURFACE	69	SQ YD		$ 4,278.00	0	$ -	
TOTAL LENGTH (FT)=	125					$ -	
WIDTH (FT)=	5					$ -	
AREA (SY)=	69					$ -	
PAVER BRICK	0	SQ FT	$ 10.00	$ -	0	$ -	
TOTAL LENGTH (FT)=	0					$ -	
WIDTH (FT)=	0					$ -	
AREA (SF)=	0					$ -	
TOP SOIL-MATERIAL	1244	CUBIC YARD		$ 19,904.00	0		
TOTAL LENGTH (FT)=	7000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	1244					$ -	
TOP SOIL-INSTALLED	486	CUBIC YARD		$ 7,290.00	0	$ -	
TOTAL LENGTH (FT)=	7000					$ -	
WIDTH (FT)=	15					$ -	
AREA (CY)=	486					$ -	
SOD-INSTALLED	11667	SQUARE YARD		$ 37,917.75	0	$ -	
TOTAL LENGTH (FT)=	7000				0	$ -	
WIDTH (FT)=	15					$ -	
AREA (SF)=	105000					$ -	
STONE GRADE 8	1701.54	TON		$ 27,054.49	0	$ -	
TOTAL LENGTH (FT)=	3700					$ -	
WIDTH (FT)=	3					$ -	
AREA (SY)=	1233					$ -	
STONE GRADE CA-7	1023.04	TON		$ 11,151.14	0	$ -	
TOTAL LENGTH (FT)=	2500					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	556					$ -	

DUMP FEES	515	PER LOAD	[redacted]	$ 27,810.00	0	$ -	
TOTAL LENGTH (FT)=	6486				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	5405					$ -	
DUMP FEES-SOD CONTAMINATED SPOILS	8	PER LOAD	[redacted]	$ 800.00	0	$ -	
TOTAL LENGTH (FT)=	1000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	833		[redacted]			$ -	
TRUCKING	676	HOURLY	[redacted]	$ 54,749.24	0	$ -	
SUB-TOTAL COST				$ 347,945.32		$ -	
MISC-BRICK/ ADJ RINGS,MORTAR,MASTIC	$ 17,397.27	EACH	5% of Subtotal	$ 17,397.27			
SUB-TOTAL COST				$ 365,342.59			
						$ -	
CONTRACT EXCAVATION-DITCH AREA	80.00	HOURLY	$ 350.00	$ 28,000.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-REMOVAL OF PIPE-OR DRIVEWAYS	2,275.00	LINEAL FOOT	$ 3.00	$ 6,825.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-INSTALLATION OF PIPE-OR DRIVEWAYS	3,900.00	LINEAL FOOT	$ 20.00	$ 78,000.00	0	$ -	
CONTRACT STRUCTURE REMOVAL	15.00	EACH	$ 50.00	$ 750.00	0	$ -	
4-6-INCH CORRUGATED PIPE	250.00	LINEAL FOOT	$ 10.00	$ 2,500.00	0	$ -	
CONTRACT STRUCTURE INSTALL	50.00	EACH	$ 300.00	$ 15,000.00	0	$ -	
INSTALL 12X12 INLET BOXES	50.00	EACH	$ 100.00	$ 5,000.00	0	$ -	
FLARED END SECTIONS	100.00	EACH	$ 10.00	$ 1,000.00	0	$ -	
LAYOUT	32.00	HOURLY	$ 90.00	$ 2,880.00	0	$ -	
OUTSOURCE COST				$ 139,955.00		$ -	
SUB TOTAL COST				$ 505,297.59		$ -	
CONTINGENCY	1	LUMP SUM	10%	$ 50,529.76		$ -	
TOTAL COST				$ 555,827.35		$ -	
TOTAL ESTIMATE-BUDGET				**$ 555,900.00**			

JOB LOCATION	69th Street Clarendon Hills Rd to Dead End						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
12-INCH CULVERT METAL PIPE	500	LINEAL FT		$ 3,815.00	0	$ -	
15-INCH CULVERT METAL PIPE	1000	LINEAL FT		$ 9,610.00	0	$ -	
18-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
12-inch Sdr26 2241	0	LINEAL FT		$ -	-	$ -	
16-inch Sdr26 2241	1500	LINEAL FT		$ 41,475.00	-	$ -	
12-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
15-INCH HDPE	500	LINEAL FT		$ 3,445.00	0	$ -	
18-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
12-INCH BAND	20	EACH		$ 7.00	0	$ -	
15-INCH BAND	20	EACH		$ 288.40	0	$ -	
18-INCH BAND	0	EACH		$ -	0	$ -	
4-INCH HDPE PIPE WITH SOCK	200	LINEAL FT		$ 240.00	0	$ -	
6-INCH HDPE PIPE WITH SOCK	0	LINEAL FT		$ -	0	$ -	
12x12 GARDEN INLETS	35	EACH		$ 2,625.00	0	$ -	
BEEHIVE GRATE NEENAH R-4340-B	35	EACH		$ 4,620.00	0	$ -	
2 X 24 INLET	35	EACH		$ 2,240.00			
2 X 30 INLET					0	$ -	
2 X 36 INLET					0	$ -	
2X36 CB OR INLET	0	EACH		$ -	0	$ -	
4-FOOT MANHOLE WITH BOTTOM	4	EACH		$ 6,000.00	0	$ -	
12-18 INCH FLARED END SECTIONSWITH ANIMAL GRATES	15	EACH		$ 1,125.00	0	$ -	
CONCRETE DRIVEWAY	375	SQ FT	$4.33	$ 1,623.75		$ -	
TOTAL LENGTH (FT)=	25		$ -			$ -	
WIDTH (FT)=	15					$-	
AREA (SF)=	375					$-	
CONCRETE SEALER	375		$1.25	$ 468.75	0	$ -	
BITUMINOUS DRIVEWAYS	1,217	SQ YD		$ 62,067.00	0	$ -	
TOTAL LENGTH (FT)=	730					$ -	
WIDTH (FT)=	15					$ -	
AREA (SY)=	1217					$ -	
BITUMINOUS STREET CROSSING-SURFACE	28	SQ YD		$ 1,736.00	0	$ -	
TOTAL LENGTH (FT)=	50					$ -	
WIDTH (FT)=	5					$ -	
AREA (SY)=	28					$ -	
PAVER BRICK	0	SQ FT		$ -	0	$ -	
TOTAL LENGTH (FT)=	0					$ -	
WIDTH (FT)=	0					$ -	
AREA (SF)=	0		$ -			$ -	
TOP SOIL-MATERIAL	818	CUBIC YARD		$ 13,088.00	0		
TOTAL LENGTH (FT)=	4600				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	818					$ -	
TOP SOIL-INSTALLED	319	CUBIC YARD		$ 4,785.00	0	$ -	
TOTAL LENGTH (FT)=	4600					$ -	
WIDTH (FT)=	15					$ -	
AREA (CY)=	319					$ -	
SOD-INSTALLED	7667	SQUARE YARD		$ 24,917.75	0	$ -	
TOTAL LENGTH (FT)=	4600				0	$ -	
WIDTH (FT)=	15					$ -	
AREA (SF)=	69000					$ -	
STONE GRADE 8	1226.82	TON		$ 19,506.44	0	$ -	
TOTAL LENGTH (FT)=	4000					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	889					$ -	
STONE GRADE CA-7	1380.69	TON		$ 15,049.52	0	$ -	
TOTAL LENGTH (FT)=	3000					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	667					$ -	
DUMP FEES	383	PER LOAD		$ 20,682.00	0	$ -	
TOTAL LENGTH (FT)=	4600				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	3833					$ -	
DUMP FEES-SOD CONTAMINATED SPOILS	7	PER LOAD		$ 700.00	0	$ -	
TOTAL LENGTH (FT)=	1000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	833					$ -	
TRUCKING	403	HOURLY		$ 32,638.97	0	$ -	
TREE REMOVAL	1	LUMP SUM	$ 4,500.00	$ 4,500.00			
SIDEYARD EASEMENT WORK	0	LUMP SUM	$ 10,000.00	$ -			
SUB-TOTAL COST				$ 277,253.58		$ -	
MISC-BRICK/ ADJ RINGS,MORTAR,MASTIC	$ 13,862.68	EACH	5% of Subtotal	$ 13,862.68			
SUB-TOTAL COST				$ 291,116.26			

JOB LOCATION	69th Street Clarendon Hills Rd to Dead End						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
						$ -	
CONTRACT EXCAVATION-DITCH AREA	60.00	HOURLY	$ 450.00	$ 27,000.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-REMOVAL OF PIPE-OR DRIVEWAYS	1,000.00	LINEAL FOOT	$ 6.00	$ 6,000.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-INSTALLATION OF PIPE-OR DRIVEWAYS	3,000.00	LINEAL FOOT	$ 17.00	$ 51,000.00	0	$ -	
CONTRACT STRUCTURE REMOVAL	5.00	EACH	$ 50.00	$ 250.00	0	$ -	
4-6-INCH CORRUGATED PIPE	200.00	LINEAL FOOT	$ 10.00	$ 2,000.00	0	$ -	
CONTRACT STRUCTURE INSTALL	30.00	EACH	$ 100.00	$ 3,000.00	0	$ -	
INSTALL 12X12 INLET BOXES	20.00	EACH	$ 20.00	$ 400.00	0	$ -	
FLARED END SECTIONS	35.00	EACH	$ 300.00	$ 10,500.00	0	$ -	
LAYOUT	32.00	HOURLY	$ 90.00	$ 2,880.00	0	$ -	
OUTSOURCE COST				$ 103,030.00		$ -	
SUB TOTAL COST				$ 394,146.26		$ -	
CONTINGENCY	1	LUMP SUM	10%	$ 39,414.63		$ -	
TOTAL COST				$ 433,560.89		$ -	
DIFFERENCE						$ 433,600.00	
TOTAL ESTIMATE-BUDGET					$ 433,600.00		

JOB LOCATION	Tennessee-72nd to Fairfield Rd						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
12-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
15-INCH CULVERT METAL PIPE	500	LINEAL FT		$ 4,805.00	0	$ -	
18-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
12-inch Sdr26 2241	0	LINEAL FT		$ -	-	$ -	
16-inch Sdr26 2241	500	LINEAL FT		$ 13,825.00	-	$ -	
12-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
15-INCH HDPE	200	LINEAL FT		$ 1,378.00	0	$ -	
18-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
12-INCH BAND	0	EACH		$ 7.00	0	$ -	
15-INCH BAND	0	EACH		$ -	0	$ -	
18-INCH BAND	0	EACH		$ -	0	$ -	
4-INCH HDPE PIPE WITH SOCK	100	LINEAL FT		$ 120.00	0	$ -	
6-INCH HDPE PIPE WITH SOCK	0	LINEAL FT		$ -	0	$ -	
12x12 GARDEN INLETS	12	EACH		$ 900.00	0	$ -	
BEEHIVE GRATE NEENAH R-4340-B	10	EACH		$ 1,320.00	0	$ -	
2 X 24 INLET	10	EACH		$ 640.00			
2 X 30 INLET					0	$ -	
2 X 36 INLET					0	$ -	
2X36 CB OR INLET	0	EACH		$ -	0	$ -	
4-FOOT MANHOLE WITH BOTTOM	2	EACH		$ 3,000.00	0	$ -	
12-18 INCH FLARED END SECTIONSWITH ANIMAL GRATES	10	EACH		$ 750.00	0	$ -	
CONCRETE DRIVEWAY	750	SQ FT	$4.33	$ 3,247.50		$ -	
TOTAL LENGTH (FT)=	50		$ -			$ -	
WIDTH (FT)=	15					$-	
AREA (SF)=	750					$-	
CONCRETE SEALER	750		$1.25	$ 937.50	0	$ -	
BITUMINOUS DRIVEWAYS	300	SQ YD		$ 15,300.00	0	$ -	
TOTAL LENGTH (FT)=	180					$ -	
WIDTH (FT)=	15					$ -	
AREA (SY)=	300					$ -	
BITUMINOUS STREET CROSSING-SURFACE	33	SQ YD		$ 2,046.00	0	$ -	
TOTAL LENGTH (FT)=	60					$ -	
WIDTH (FT)=	5					$ -	
AREA (SY)=	33					$ -	
PAVER BRICK	240	SQ FT		$ 3,600.00	0	$ -	
TOTAL LENGTH (FT)=	20					$ -	
WIDTH (FT)=	12					$ -	
AREA (SF)=	240		$ -			$ -	
TOP SOIL-MATERIAL	356	CUBIC YARD		$ 5,696.00	0		
TOTAL LENGTH (FT)=	2000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	356					$ -	
TOP SOIL-INSTALLED	139	CUBIC YARD		$ 2,085.00	0	$ -	
TOTAL LENGTH (FT)=	2000					$ -	
WIDTH (FT)=	15					$ -	
AREA (CY)=	139					$ -	
SOD-INSTALLED	3333	SQUARE YARD		$ 10,832.25	0	$ -	
TOTAL LENGTH (FT)=	2000				0	$ -	
WIDTH (FT)=	15					$ -	
AREA (SF)=	30000					$ -	
STONE GRADE 8	459.54	TON		$ 7,306.69	0	$ -	
TOTAL LENGTH (FT)=	1500					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	333					$ -	
STONE GRADE CA-7	689.31	TON		$ 7,513.48	0	$ -	
TOTAL LENGTH (FT)=	1500					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	333					$ -	
DUMP FEES	167	PER LOAD		$ 9,018.00	0	$ -	
TOTAL LENGTH (FT)=	2000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	1667					$ -	
DUMP FEES-SOD CONTAMINATED SPOILS	7	PER LOAD		$ 700.00	0	$ -	
TOTAL LENGTH (FT)=	1000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	833					$ -	
TRUCKING	175	HOURLY		$ 14,173.25	0	$ -	
TREE REMOVAL	1	LUMP SUM	$ 4,500.00	$ 4,500.00			
SIDEYARD EASEMENT WORK	1	LUMP SUM	$ 10,000.00	$ 10,000.00			
SUB-TOTAL COST				$ 123,700.67		$ -	
MISC-BRICK/ ADJ RINGS,MORTAR,MASTIC	$ 6,185.03	EACH	5% of Subtotal	$ 6,185.03			
SUB-TOTAL COST				$ 129,885.70			

JOB LOCATION	Tennessee-72nd to Plainfield Rd						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
						$ -	
CONTRACT EXCAVATION-DITCH AREA	40.00	HOURLY	$ 350.00	$ 14,000.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-REMOVAL OF PIPE-OR DRIVEWAYS	500.00	LINEAL FOOT	$ 3.00	$ 1,500.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-INSTALLATION OF PIPE-OR DRIVEWAYS	1,200.00	LINEAL FOOT	$ 20.00	$ 24,000.00	0	$ -	
CONTRACT STRUCTURE REMOVAL	5.00	EACH	$ 50.00	$ 250.00	0	$ -	
4-6-INCH CORRUGATED PIPE	100.00	LINEAL FOOT	$ 10.00	$ 1,000.00	0	$ -	
CONTRACT STRUCTURE INSTALL	15.00	EACH	$ 300.00	$ 4,500.00	0	$ -	
INSTALL 12X12 INLET BOXES	12.00	EACH	$ 100.00	$ 1,200.00	0	$ -	
FLARED END SECTIONS	6.00	EACH	$ 20.00	$ 120.00	0	$ -	
LAYOUT	24.00	HOURLY	$ 90.00	$ 2,160.00	0	$ -	
OUTSOURCE COST				$ 48,730.00		$ -	
SUB TOTAL COST				$ 178,615.70		$ -	
CONTINGENCY	1	LUMP SUM	10%	$ 17,861.57		$ -	
TOTAL COST				$ 196,477.27		$ -	
DIFFERENCE						$ 196,500.00	
TOTAL ESTIMATE-BUDGET					$ 196,500.00		

JOB LOCATION	Peony Place						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
12-INCH CULVERT METAL PIPE	200	LINEAL FT		$ 1,526.00	0	$ -	
15-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
18-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
12-inch Sdr26 2241	175	LINEAL FT		$ 2,476.25	-	$ -	
16-inch Sdr26 2241	0	LINEAL FT		$ -	-	$ -	
12-INCH HDPE	100	LINEAL FT		$ 497.00	0	$ -	
15-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
18-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
12-INCH BAND	10	EACH		$ 7.00	0	$ -	
15-INCH BAND	0	EACH		3 -	0	$ -	
18-INCH BAND	0	EACH		$ -	0	$ -	
4-INCH HDPE PIPE WITH SOCK	100	LINEAL FT		$ 120.00	0	$ -	
6-INCH HDPE PIPE WITH SOCK	0	LINEAL FT		$ -	0	$ -	
12x12 GARDEN INLETS	8	EACH		$ 600.00	0	$ -	
BEEHIVE GRATE NEENAH R-4340-B	8	EACH		$ 1,056.00	0	$ -	
2 X 24 INLET	8	EACH		$ 512.00			
2 X 30 INLET					0	$ -	
2 X 36 INLET					0	$ -	
2X36 CB OR INLET	0	EACH		$ -	0	$ -	
4-FOOT MANHOLE WITH BOTTOM	1	EACH		$ 1,500.00	0	$ -	
12-18 INCH FLARED END SECTIONSWITH ANIMAL GRATES	2	EACH		$ 150.00	0	$ -	
CONCRETE DRIVEWAY	0	SQ FT	$4.33	$ -		$ -	
TOTAL LENGTH (FT)=	0		$ -			$ -	
WIDTH (FT)=	0					$-	
AREA (SF)=	0					$-	
CONCRETE SEALER	0		$1.25	$ -	0	$ -	
BITUMINOUS DRIVEWAYS	333	SQ YD		$ 16,983.00	0	$ -	
TOTAL LENGTH (FT)=	200					$ -	
WIDTH (FT)=	15					$ -	
AREA (SY)=	333					$ -	
BITUMINOUS STREET CROSSING-SURFACE	14	SQ YD		$ 868.00	0	$ -	
TOTAL LENGTH (FT)=	25					$ -	
WIDTH (FT)=	5					$ -	
AREA (SY)=	14					$ -	
PAVER BRICK	0	SQ FT		$ -	0	$ -	
TOTAL LENGTH (FT)=	0					$ -	
WIDTH (FT)=	0					$ -	
AREA (SF)=	0		$ -			$ -	
TOP SOIL-MATERIAL	267	CUBIC YARD		$ 4,272.00	0		
TOTAL LENGTH (FT)=	1500				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	267					$ -	
TOP SOIL-INSTALLED	104	CUBIC YARD		$ 1,560.00	0	$ -	
TOTAL LENGTH (FT)=	1500					$ -	
WIDTH (FT)=	15					$ -	
AREA (CY)=	104					$ -	
SOD-INSTALLED	2500	SQUARE YARD		$ 8,125.00	0	$ -	
TOTAL LENGTH (FT)=	1500				0	$ -	
WIDTH (FT)=	15					$ -	
AREA (SF)=	22500					$ -	
STONE GRADE 8	383.64	TON		$ 6,099.88	0	$ -	
TOTAL LENGTH (FT)=	1250					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	278					$ -	
STONE GRADE CA-7	575.46	TON		$ 6,272.51	0	$ -	
TOTAL LENGTH (FT)=	1250					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	278					$ -	
DUMP FEES	125	PER LOAD		$ 6,750.00	0	$ -	
TOTAL LENGTH (FT)=	1500				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	1250					$ -	
DUMP FEES-SOD CONTAMINATED SPOILS	2	PER LOAD		$ 200.00	0	$ -	
TOTAL LENGTH (FT)=	250				0	$ -	

JOB LOCATION	Peony Place						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	208					$ -	
TRUCKING	132	HOURLY	[redacted]	$ 10,690.68	0	$ -	
TREE REMOVAL	0	LUMP SUM	$ 4,500.00	$ 4,500.00			
SUB-TOTAL COST				$ 74,765.32		$ -	
MISC-BRICK/ ADJ RINGS,MORTAR,MASTIC	$ 3,738.27	EACH	5% of Subtotal	$ 3,738.27			
SUB-TOTAL COST				$ 78,503.59			
						$ -	
CONTRACT EXCAVATION-DITCH AREA	32.00	HOURLY	$ 300.00	$ 9,600.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-REMOVAL OF PIPE-OR DRIVEWAYS	350.00	LINEAL FOOT	$ 5.00	$ 1,750.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-INSTALLATION OF PIPE-OR DRIVEWAYS	500.00	LINEAL FOOT	$ 20.00	$ 10,000.00	0	$ -	
CONTRACT STRUCTURE REMOVAL	9.00	EACH	$ 10.00	$ 90.00	0	$ -	
4-6-INCH CORRUGATED PIPE	100.00	LINEAL FOOT	$ 10.00	$ 1,000.00	0	$ -	
CONTRACT STRUCTURE INSTALL	9.00	EACH	$ 100.00	$ 900.00	0	$ -	
INSTALL 12X12 INLET BOXES	8.00	EACH	$ 100.00	$ 800.00	0	$ -	
FLARED END SECTIONS	2.00	EACH	$ 20.00	$ 40.00	0	$ -	
LAYOUT	16.00	HOURLY	$ 60.00	$ 960.00	0	$ -	
OUTSOURCE COST				$ 25,140.00		$ -	
SUB TOTAL COST				$ 103,643.59		$ -	
CONTINGENCY	1	LUMP SUM	10%	$ 10,364.36		$ -	
TOTAL COST				$ 114,007.95		$ -	
DIFFERENCE						$ 114,000.00	
TOTAL ESTIMATE-BUDGET					$ 114,000.00		

JOB LOCATION	Western Avenue-67th Street North to Limit (6602)						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
12-INCH CULVERT METAL PIPE	150	LINEAL FT		$ 1,144.50	0	$ -	
15-INCH CULVERT METAL PIPE	200	LINEAL FT		$ 1,922.00	0	$ -	
18-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
12-inch Sdr26 2241	0	LINEAL FT		$ -	-	$ -	
16-inch Sdr26 2241	400	LINEAL FT		$ 11,060.00	-	$ -	
12-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
15-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
18-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
12-INCH BAND	15	EACH		$ 7.00	0	$ -	
15-INCH BAND	20	EACH		$ 288.40	0	$ -	
18-INCH BAND	0	EACH		$ -	0	$ -	
4-INCH HDPE PIPE WITH SOCK	100	LINEAL FT		$ 120.00	0	$ -	
6-INCH HDPE PIPE WITH SOCK	0	LINEAL FT		$ -	0	$ -	
12x12 GARDEN INLETS	10	EACH		$ 750.00	0	$ -	
BEEHIVE GRATE NEENAH R-4340-B	16	EACH		$ 2,112.00	0	$ -	
2 X 24 INLET	16	EACH		$ 1,024.00			
2 X 30 INLET					0	$ -	
2 X 36 INLET					0	$ -	
2X36 CB OR INLET	0	EACH		$ -	0	$ -	
4-FOOT MANHOLE WITH BOTTOM	1	EACH		$ 1,500.00	0	$ -	
12-18 INCH FLARED END SECTIONSWITH ANIMAL GRATES	5	EACH		$ 375.00	0	$ -	
CONCRETE DRIVEWAY	2,250	SQ FT	$4.33	$ 9,742.50		$ -	
TOTAL LENGTH (FT)=	150		$ -			$ -	
WIDTH (FT)=	15					$-	
AREA (SF)=	2250					$-	
CONCRETE SEALER	2,250		$1.25	$ 2,812.50	0	$ -	
BITUMINOUS DRIVEWAYS	250	SQ YD		$ 12,750.00	0	$ -	
TOTAL LENGTH (FT)=	150					$ -	
WIDTH (FT)=	15					$ -	
AREA (SY)=	250					$ -	
BITUMINOUS STREET CROSSING-SURFACE	28	SQ YD		$ 1,736.00	0	$ -	
TOTAL LENGTH (FT)=	50					$ -	
WIDTH (FT)=	5					$ -	
AREA (SY)=	28					$ -	
PAVER BRICK	200	SQ FT		$ 3,000.00	0	$ -	
TOTAL LENGTH (FT)=	20					$ -	
WIDTH (FT)=	10					$ -	
AREA (SF)=	200		$ -			$ -	
TOP SOIL-MATERIAL	178	CUBIC YARD		$ 2,848.00	0		
TOTAL LENGTH (FT)=	1000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	178					$ -	
TOP SOIL-INSTALLED	69	CUBIC YARD		$ 1,035.00	0	$ -	
TOTAL LENGTH (FT)=	1000					$ -	
WIDTH (FT)=	15					$ -	
AREA (CY)=	69					$ -	
SOD-INSTALLED	1667	SQUARE YARD		$ 5,417.75	0	$ -	
TOTAL LENGTH (FT)=	1000				0	$ -	
WIDTH (FT)=	15					$ -	
AREA (SF)=	15000					$ -	
STONE GRADE 8	306.36	TON		$ 4,871.12	0	$ -	
TOTAL LENGTH (FT)=	1000					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	222					$ -	
STONE GRADE CA-7	459.54	TON		$ 5,008.99	0	$ -	
TOTAL LENGTH (FT)=	1000					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	222					$ -	
DUMP FEES	83	PER LOAD		$ 4,482.00	0	$ -	
TOTAL LENGTH (FT)=	1000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	833					$ -	
DUMP FEES-SOD CONTAMINATED SPOILS	2	PER LOAD		$ 200.00	0	$ -	
TOTAL LENGTH (FT)=	250				0	$ -	

JOB LOCATION	Western Avenue-67th Street North to Limit (6602)						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	208					$ -	
TRUCKING	88	HOURLY	[redacted]	$ 7,127.12	0	$ -	
TREE REMOVAL	0	LUMP SUM	$ 4,500.00	$ 4,500.00			
SUB-TOTAL COST				$ 85,833.88		$ -	
MISC-BRICK/ ADJ RINGS,MORTAR,MASTIC	$ 4,291.69	EACH	5% of Subtotal	$ 4,291.69			
SUB-TOTAL COST				$ 90,125.57			
						$ -	
CONTRACT EXCAVATION-DITCH AREA	40.00	HOURLY	$ 250.00	$ 10,000.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-REMOVAL OF PIPE-OR DRIVEWAYS	500.00	LINEAL FOOT	$ 3.00	$ 1,500.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-INSTALLATION OF PIPE-OR DRIVEWAYS	700.00	LINEAL FOOT	$ 20.00	$ 14,000.00	0	$ -	
CONTRACT STRUCTURE REMOVAL	5.00	EACH	$ 50.00	$ 250.00	0	$ -	
4-6-INCH CORRUGATED PIPE	100.00	LINEAL FOOT	$ 10.00	$ 1,000.00	0	$ -	
CONTRACT STRUCTURE INSTALL	10.00	EACH	$ 150.00	$ 1,500.00	0	$ -	
INSTALL 12X12 INLET BOXES	12.00	EACH	$ 100.00	$ 1,200.00	0	$ -	
FLARED END SECTIONS	5.00	EACH	$ 20.00	$ 100.00	0	$ -	
LAYOUT	24.00	HOURLY	$ 60.00	$ 1,440.00	0	$ -	
OUTSOURCE COST				$ 30,990.00		$ -	
SUB TOTAL COST				$ 121,115.57		$ -	
CONTINGENCY	1	LUMP SUM	10%	$ 12,111.56		$ -	
TOTAL COST				$ 133,227.13		$ -	
DIFFERENCE						$ 133,250.00	
TOTAL ESTIMATE-BUDGET					$ 133,250.00		

JOB LOCATION	Sunrise Avenue-Elm Street to Janet Avenue F						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
12-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
15-INCH CULVERT METAL PIPE	500	LINEAL FT		$ 4,805.00	0	$ -	
18-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
12-inch Sdr26 2241	0	LINEAL FT		$ -	-	$ -	
15-inch Sdr26 2241	1000	LINEAL FT		$ 27,650.00	-	$ -	
12-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
15-INCH HDPE	200	LINEAL FT		$ 1,378.00	0	$ -	
18-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
12-INCH BAND	0	EACH		$ 7.00	0	$ -	
15-INCH BAND	25	EACH		$ 360.50	0	$ -	
18-INCH BAND	0	EACH		$ -	0	$ -	
4-INCH HDPE PIPE WITH SOCK	100	LINEAL FT		$ 120.00	0	$ -	
6-INCH HDPE PIPE WITH SOCK	0	LINEAL FT		$ -	0	$ -	
12x12 GARDEN INLETS	15	EACH		$ 1,125.00	0	$ -	
BEEHIVE GRATE NEENAH R-4340-B	15	EACH		$ 1,980.00	0	$ -	
2 X 24 INLET	15	EACH		$ 960.00			
2 X 30 INLET					0	$ -	
2 X 36 INLET					0	$ -	
2X36 CB OR INLET	0	EACH		$ -	0	$ -	
4-FOOT MANHOLE WITH BOTTOM	2	EACH		$ 3,000.00	0	$ -	
12-18 INCH FLARED END SECTIONSWITH ANIMAL GRATES	15	EACH		$ 1,125.00	0	$ -	
CONCRETE DRIVEWAY	300	SQ FT	$4.33	$ 1,299.00		$ -	
TOTAL LENGTH (FT)=	20		$ -			$ -	
WIDTH (FT)=	15					$-	
AREA (SF)=	300					$-	
CONCRETE SEALER	300		$1.25	$ 375.00	0	$ -	
BITUMINOUS DRIVEWAYS	500	SQ YD		$ 25,500.00	0	$ -	
TOTAL LENGTH (FT)=	300					$ -	
WIDTH (FT)=	15					$ -	
AREA (SY)=	500					$ -	
BITUMINOUS STREET CROSSING-SURFACE	33	SQ YD		$ 2,046.00	0	$ -	
TOTAL LENGTH (FT)=	60					$ -	
WIDTH (FT)=	5					$ -	
AREA (SY)=	33					$ -	
PAVER BRICK	0	SQ FT		$ -	0	$ -	
TOTAL LENGTH (FT)=	0					$ -	
WIDTH (FT)=	0					$ -	
AREA (SF)=	0		$ -			$ -	
TOP SOIL-MATERIAL	356	CUBIC YARD		$ 5,696.00	0		
TOTAL LENGTH (FT)=	2000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	356					$ -	
TOP SOIL-INSTALLED	139	CUBIC YARD		$ 2,293.50	0	$ -	
TOTAL LENGTH (FT)=	2000					$ -	
WIDTH (FT)=	15					$ -	
AREA (CY)=	139					$ -	
SOD-INSTALLED	3333	SQUARE YARD		$ 10,832.25	0	$ -	
TOTAL LENGTH (FT)=	2000				0	$ -	
WIDTH (FT)=	15					$ -	
AREA (SF)=	30000					$ -	
STONE GRADE 8	459.54	TON		$ 7,306.69	0	$ -	
TOTAL LENGTH (FT)=	1500					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	333					$ -	
STONE GRADE CA-7	689.31	TON		$ 7,513.48	0	$ -	
TOTAL LENGTH (FT)=	1500					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	333					$ -	
DUMP FEES	167	PER LOAD		$ 9,018.00	0	$ -	
TOTAL LENGTH (FT)=	2000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	1667					$ -	
DUMP FEES-SOD CONTAMINATED SPOILS	7	PER LOAD		$ 700.00	0	$ -	
TOTAL LENGTH (FT)=	1000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	833					$ -	
TRUCKING	175	HOURLY		$ 14,173.25	0	$ -	
TREE REMOVAL	1	LUMP SUM	$ 4,500.00	$ 4,500.00			
SIDEYARD EASEMENT WORK	1	LUMP SUM	$ 10,000.00	$ 10,000.00			
SUB-TOTAL COST				$ 143,763.67		$ -	
MISC-BRICK/ ADJ RINGS,MORTAR,MASTIC	$ 7,188.18	EACH	5% of Subtotal	$ 7,188.18			
SUB-TOTAL COST				$ 150,951.85			

JOB LOCATION	Sunrise Avenue-Elm Street to Janet Avenue P						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
						$ -	
CONTRACT EXCAVATION-DITCH AREA	40.00	HOURLY	$ 350.00	$ 14,000.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-REMOVAL OF PIPE-OR DRIVEWAYS	500.00	LINEAL FOOT	$ 5.00	$ 2,500.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-INSTALLATION OF PIPE-OR DRIVEWAYS	1,700.00	LINEAL FOOT	$ 22.00	$ 37,400.00	0	$ -	
CONTRACT STRUCTURE REMOVAL	5.00	EACH	$ 50.00	$ 250.00	0	$ -	
4-6-INCH CORRUGATED PIPE	100.00	LINEAL FOOT	$ 12.00	$ 1,200.00	0	$ -	
CONTRACT STRUCTURE INSTALL	17.00	EACH	$ 350.00	$ 5,950.00	0	$ -	
INSTALL 12X12 INLET BOXES	15.00	EACH	$ 100.00	$ 1,500.00	0	$ -	
FLARED END SECTIONS	15.00	EACH	$ 20.00	$ 300.00	0	$ -	
LAYOUT	24.00	HOURLY	$ 90.00	$ 2,160.00	0	$ -	
OUTSOURCE COST				$ 65,260.00		$ -	
SUB TOTAL COST				$ 216,211.85		$ -	
CONTINGENCY	1	LUMP SUM	10%	$ 21,621.19		$ -	
TOTAL COST				$ 237,833.04		$ -	
DIFFERENCE						$ 237,850.00	
TOTAL ESTIMATE-BUDGET					$ 237,850.00		

JOB LOCATION	72nd Street						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
12-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
15-INCH CULVERT METAL PIPE	1000	LINEAL FT		$ 9,610.00	0	$ -	
18-INCH CULVERT METAL PIPE	0	LINEAL FT		$ -	0	$ -	
12-inch Sdr26 2241	0	LINEAL FT		$ -	-	$ -	
16-inch Sdr26 2241	1000	LINEAL FT		$ 27,650.00	-	$ -	
12-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
15-INCH HDPE	500	LINEAL FT		$ 3,445.00	0	$ -	
18-INCH HDPE	0	LINEAL FT		$ -	0	$ -	
12-INCH BAND	20	EACH		$ 7.00	0	$ -	
15-INCH BAND	20	EACH		$ 288.40	0	$ -	
18-INCH BAND	0	EACH		$ -	0	$ -	
4-INCH HDPE PIPE WITH SOCK	200	LINEAL FT		$ 240.00	0	$ -	
6-INCH HDPE PIPE WITH SOCK	0	LINEAL FT		$ -	0	$ -	
12x12 GARDEN INLETS	20	EACH		$ 1,500.00	0	$ -	
BEEHIVE GRATE NEENAH R-4340-B	24	EACH		$ 3,168.00	0	$ -	
2 X 24 INLET	24	EACH		$ 1,536.00			
2 X 30 INLET					0	$ -	
2 X 36 INLET					0	$ -	
2X36 CB OR INLET	0	EACH		$ -	0	$ -	
4-FOOT MANHOLE WITH BOTTOM	4	EACH		$ 6,000.00	0	$ -	
12-18 INCH FLARED END SECTIONSWITH ANIMAL GRATES	15	EACH		$ 1,125.00	0	$ -	
CONCRETE DRIVEWAY	2,250	SQ FT	$4.33	$ 9,742.50		$ -	
TOTAL LENGTH (FT)=	150		$ -			$ -	
WIDTH (FT)=	15					$-	
AREA (SF)=	2250					$-	
CONCRETE SEALER	2,250		$1.25	$ 2,812.50	0	$ -	
BITUMINOUS DRIVEWAYS	583	SQ YD		$ 29,733.00	0	$ -	
TOTAL LENGTH (FT)=	350					$ -	
WIDTH (FT)=	15					$ -	
AREA (SY)=	583					$ -	
BITUMINOUS STREET CROSSING-SURFACE	42	SQ YD		$ 2,604.00	0	$ -	
TOTAL LENGTH (FT)=	75					$ -	
WIDTH (FT)=	5					$ -	
AREA (SY)=	42					$ -	
PAVER BRICK	0	SQ FT		$ -	0	$ -	
TOTAL LENGTH (FT)=	0					$ -	
WIDTH (FT)=	0					$ -	
AREA (SF)=	0		$ -			$ -	
TOP SOIL-MATERIAL	711	CUBIC YARD		$ 11,376.00	0		
TOTAL LENGTH (FT)=	4000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	711					$ -	
TOP SOIL-INSTALLED	278	CUBIC YARD		$ 4,170.00	0	$ -	
TOTAL LENGTH (FT)=	4000					$ -	
WIDTH (FT)=	15					$ -	
AREA (CY)=	278					$ -	
SOD-INSTALLED	6667	SQUARE YARD		$ 21,667.75	0	$ -	
TOTAL LENGTH (FT)=	4000				0	$ -	
WIDTH (FT)=	15					$ -	
AREA (SF)=	60000					$ -	
STONE GRADE 8	552	TON		$ 8,776.80	0	$ -	
TOTAL LENGTH (FT)=	1800					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	400					$ -	
STONE GRADE CA-7	689.31	TON		$ 7,513.48	0	$ -	
TOTAL LENGTH (FT)=	1500					$ -	
WIDTH (FT)=	2					$ -	
AREA (SY)=	333					$ -	
DUMP FEES	333	PER LOAD		$ 17,982.00	0	$ -	
TOTAL LENGTH (FT)=	4000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	3333					$ -	
DUMP FEES-SOD CONTAMINATED SPOILS	7	PER LOAD		$ 700.00	0	$ -	
TOTAL LENGTH (FT)=	1000				0	$ -	
WIDTH (FT)=	15				0	$ -	
AREA (CY)=	833					$ -	
TRUCKING	351	HOURLY		$ 28,427.49	0	$ -	
TREE REMOVAL	1	LUMP SUM	$ 4,500.00	$ 4,500.00			
SIDEYARD EASEMENT WORK	0	LUMP SUM	$ 10,000.00	$ -			
SUB-TOTAL COST				$ 204,374.92		$ -	
MISC-BRICK/ ADJ RINGS,MORTAR,MASTIC	$ 10,228.75	EACH	5% of Subtotal	$ 10,228.75			
SUB-TOTAL COST				$ 214,603.67			

JOB LOCATION	72nd Street						
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	ACTUAL UNITS	FINAL COST	AWARDED VENDOR
						$ -	
CONTRACT EXCAVATION-DITCH AREA	60.00	HOURLY	$ 400.00	$ 24,000.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-REMOVAL OF PIPE-OR DRIVEWAYS	2,200.00	LINEAL FOOT	$ 2.00	$ 4,400.00	0	$ -	
CONTRACT EXCAVATION PER FOOT-INSTALLATION OF PIPE-OR DRIVEWAYS	3,100.00	LINEAL FOOT	$ 14.00	$ 43,400.00	0	$ -	
CONTRACT STRUCTURE REMOVAL	8.00	EACH	$ 10.00	$ 80.00	0	$ -	
4-6-INCH CORRUGATED PIPE	200.00	LINEAL FOOT	$ 10.00	$ 2,000.00	0	$ -	
CONTRACT STRUCTURE INSTALL	35.00	EACH	$ 150.00	$ 5,250.00	0	$ -	
INSTALL 12X12 INLET BOXES	30.00	EACH	$ 75.00	$ 2,250.00	0	$ -	
FLARED END SECTIONS	20.00	EACH	$ 20.00	$ 400.00	0	$ -	
LAYOUT	32.00	HOURLY	$ 60.00	$ 1,920.00	0	$ -	
OUTSOURCE COST				$ 83,700.00		$ -	
SUB TOTAL COST				$ 298,503.67		$ -	
CONTINGENCY	1	LUMP SUM	10%	$ 29,850.37		$ -	
TOTAL COST				$ 328,354.04		$ -	
DIFFERENCE						$ 328,355.00	
TOTAL ESTIMATE-BUDGET					$ 328,355.00		

25 - Capital Improvement Fund
4376 - Ditch Projects

Effective Date | Debit | Credit

FYE 14 ACTUAL

	$ -

FYE 15 ESTIMATE

$	732,000

FYE 16 BUDGET

$	-	Maintenance
$	2,639,900	Discretionary
Total Requested $	2,639,900	

FYE 17 FORECAST

$	1,250,000

FYE 18 FORECAST

$	1,250,000

	ITEM			MAINTENANCE	DISCRETIONARY	FYE 17 FORECAST	FYE 18 FORECAST	
$ -	Paving scheduled for 2016	Base Bid 1	Chestnut and Alabama		$ 555,900.00			
$ -	Paving scheduled for 2016	Base Bid 2	69th Street		$ 433,600.00			
	Structure Impact	Base Bid 3	Tenessee Ave		$ 196,500.00			
$ -	Paving scheduled for 2016	Alternate 1	Peony		$ 114,000.00			
$ -	Paving scheduled for 2016	Alternate 2	Western Ave		$ 133,250.00			
$ -	Paving scheduled for 2016	Alternate 3	Sunrise Ave		$ 237,850.00			
$ -	Paving scheduled for 2016	Alternate 4	72nd Street		$ 313,000.00			
	Proposed Total				$ 1,984,100.00			
	[redacted]	ith Park District	$345,00 -$75,00=270,000/2=135K per agency		$ 345,000.00			
	TBD					1,000,000.00	1,000,000.00	
	[redacted]				$ 250,000.00	250,000.00	250,000.00	
$ -			In House Programs		$ -			
$ -			210 Janet Ave		$ 19,000.00			
			Iron Wood Storm Sewer Cleaning and Jetting and Spot Repairs		$ 15,800.00			
			Carriage Greens Evergreen Rd Storm Sewer Cleaning and Jetting and Spot Repairs		$ 26,000.00			
					$ -			
					$ -			
				0		0	0	
						$ -	$ -	
			Total	$ -	$ 2,639,900.00	$ 1,250,000.00	$ 1,250,000.00	$ -

RESOLUTION NO._____

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A CONTRACT FOR THE 2015 DITCH MAINTENANCE PROJECT BETWEEN THE CITY OF DARIEN AND SCORPIO CONSTRUCTION IN AN AMOUNT NOT TO EXCEED $496,805.00.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: The City Council of the City of Darien hereby authorizes the Mayor to execute a Contract for the 2015 Ditch Maintenance Projects, **TBD** between the City of Darien and Scorpio Construction, for the labor to remove and install various drainage structures consisting of metal and plastic pipe, storm sewer inlets/catch basins and ditch grading, attached hereto as "**Exhibit A**".

SECTION 3: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of February, 2015.

_____
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

_____
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

_____
CITY ATTORNEY

Contract

1. THIS AGREEMENT, made and concluded the _____ day of _____ between the _____ of _____ acting by and through its _____ known as the party of the first part, and _____ his/their executors, administrators, successors or assigns, know as the party of the second part.

2. Witnesseth: That for and inconsideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, the party of the second part agrees with said party of the first part as his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.

3. And it is also understood and agreed that the Notice to Contractors, Special Provisions and Proposal hereto attached are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, the said parties have executed these presents on the date above mentioned.

Attest:

_____
City Clerk

(Seal)

The _____ of _____

By _____
Mayor

(If a Corporation)

Corporate Name _____

By _____
President

Party of the Second Part

(If a Co-Partnership)

_____

Attest:

_____
Secretary

_____

Partners doing Business under the firm name of

_____
Party of the Second Part

(If an individual)

_____
Party of the Second Part

BIDDER INFORMATION SHEET

CONTACT NAME: BRUNO RENDINA

ADDRESS: 103 OSWEGO PLAINS DR.

CITY, STATE, ZIP: OSWEGO, IL. 60543

PHONE NUMBERS:

OFFICE: 630-554-0397 **CELL:** 630-913-6060

FAX NUMBER: 630-554-4661

E-MAIL ADDRESS: SCORPIOCONST@YAHOO.COM

ALTERNATE CONTACT NAME:

Below are the proposed projects:

Base Bid 1- Drainage Project Chestnut & Alabama – Richmond Avenue to Alabama Avenue

The proposed **Project Chestnut & Alabama – Richmond Avenue to Alabama Avenue** is related to the deficient storm water ditch conveyance on Chestnut Lane and Alabama Avenue. The existing conditions within the existing right of way ditches do not allow the conveyance of storm water to flow downstream or to dedicated structures. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 6,000 lineal feet of ditch regrading. The project goal is to allow storm water to flow from the summits as determined to downstream basins or existing downstream ditches or creeks.

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
PIPE CULVERT REMOVAL	2275	LINEAL FOOT	3	6825
STRUCTURE REMOVAL	15	EACH	50	750
PIPE CULVERT INSTALLATION	3900	LINEAL FOOT	20	78,000
4-6-INCH CORRUGATED PERFORATED UNDER DRAIN	250	LINEAL FOOT	10	2500
12 x 12 INLET BOXES	50	EACH	100	5000
FLARED END SECTION-METAL	100	EACH	10	1000
STORM SEWER STRUCTURE INSTALL	50	EACH	300	15,000
LAYOUT-JOB CONSULTATION	32	HOURLY	90	2880
DITCHING-GRADING COSTS				
OPERATOR WITH GRAD-ALL OR RUBBER TRACK EXCAVATOR-LEAD FOREMAN-2-LABORERS	80	HOURLY	350	28,000
TOTAL COST PROJECT CHESTNUT & ALABAMA – RICHMOND AV TO ALABAMA AVE				139,955

Base Bid 1-Total Cost of Project Chestnut & Alabama – Richmond Av to Alabama Av in words:

ONE HUNDRED THIRTY NINE THOUSAND NINE HUNDRED FIFTY FIVE

Base Bid 2-Drainage Project 69th Street – Clarendon Hills Rd to City Limits

The proposed **Project 69th Street – Clarendon Hills Rd to City Limits** - is related to the deficient storm water ditch conveyance on 69th Street. The existing conditions on 69th Street within the southern and northern right of way ditch do not allow for the conveyance of storm water to flow to High Road. During significant storm events structures have experienced flooding. The proposed project would include the removal and replacement of deteriorated culverts and storm sewer structures, and installation of inlets as required. The scope of work would also include the enclosure of ditches as necessary or existing, and approximately 2,100 lineal feet of ditch line regrading. The project goal is to allow storm water to flow from the summits as determined, to downstream basins or existing downstream ditches or creeks. Engineering plans are on file, no Layout payout item will be included for this project.

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
PIPE CULVERT REMOVAL	1000	LINEAL FOOT	6	6000
STRUCTURE REMOVAL	5	EACH	50	250
PIPE CULVERT INSTALLATION	3000	LINEAL FOOT	17	51000
4-6-INCH CORRUGATED PERFORATED UNDER DRAIN	200	LINEAL FOOT	10	2000
12 x 12 INLET BOXES	30	EACH	100	3000
FLARED END SECTION-METAL	20	EACH	20	400
STORM SEWER STRUCTURE INSTALL	35	EACH	300	10,500
LAYOUT –JOB CONSULTATION	32	HOURLY	90	2880
DITCHING-GRADING COSTS				
OPERATOR WITH GRAD-ALL OR RUBBER TRACK EXCAVATOR-LEAD FOREMAN-2-LABORERS	60	HOURLY	450	27,000
TOTAL COST 69TH ST – CLARENDON HILLS ROAD TO CITY LIMITS				103,030.

Base Bid 2-Total Cost of Project 69th Street – Clarendon Hills Rd to City Limits in words:

One Hundred Three Thousand and Thirty

Base Bid 3–Drainage Project – Tennessee Ave – 72nd Street to Plainfield Road

The proposed **Project - Tennessee Ave – 72nd Street to Plainfield Road** related to the deficient storm water ditch conveyance on Peony Place –72nd Street to Plainfield Road. The existing conditions have a negative impact to residents on 72nd. The storm water should flow towards Plainfield Rd and due to the deficient infrastructure in place water flows towards 72nd Street and has a further negative impact to 71st Street. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,500 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
PIPE CULVERT REMOVAL	500	LINEAL FOOT	3	1500
STRUCTURE REMOVAL	5	EACH	50	250
PIPE CULVERT INSTALLATION	1200	LINEAL FOOT	20	24000
4-6-INCH CORRUGATED PERFORATED UNDER DRAIN	100	LINEAL FOOT	10	1000
12 x 12 INLET BOXES	12	EACH	100	1200
FLARED END SECTION-METAL	6	EACH	20	120
STORM SEWER STRUCTURE INSTALL	15	EACH	300	4500
LAYOUT-JOB CONSULTATION	24	HOURLY	90	2160
DITCHING-GRADING COSTS				
OPERATOR WITH GRAD-ALL OR RUBBER TRACK EXCAVATOR-LEAD FOREMAN-2-LABORERS	40	HOURLY	350	14000
TOTAL COST PROJECT-PEONY PL – BROOKBANK RD TO HIGH RD				48,730

Base Bid 3- Total Cost of Project- Tennessee Ave – 72nd Street to Plainfield Road in words:

Fourty Eight Thousand Seven Hundred Thirty

ALTERNATE

Base Bid 3–Drainage Project – Peony Place – Brookbank Road to High Road

The proposed **Project - Peony Place – Brookbank Road to High Road** is related to the deficient storm water ditch conveyance on Peony Place –Brookbank Road to High Road. The existing conditions on Peony Place within the northern and southern right of way do not allow the conveyance of storm water to flow from Brookbank Road to High Road. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,500 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
PIPE CULVERT REMOVAL	350	LINEAL FOOT	5	1750
STRUCTURE REMOVAL	9	EACH	10	90
PIPE CULVERT INSTALLATION	500	LINEAL FOOT	20	10,000
4-6-INCH CORRUGATED PERFORATED UNDER DRAIN	100	LINEAL FOOT	10	1000
12 x 12 INLET BOXES	8	EACH	100	800
FLARED END SECTION-METAL	2	EACH	20	40
STORM SEWER STRUCTURE INSTALL	9	EACH	100	900
LAYOUT-JOB CONSULTATION	16	HOURLY	60	960
DITCHING-GRADING COSTS				
OPERATOR WITH GRAD-ALL OR RUBBER TRACK EXCAVATOR-LEAD FOREMAN-2-LABORERS	32	HOURLY	300	9600
TOTAL COST PROJECT-PEONY PL – BROOKBANK RD TO HIGH RD				25,140

Base Bid 3- Total Cost of Project- Peony Place – Brookbank Road to High Road in words:

TWENTY FIVE THOUSAND ONE HUNDRED FOURTY

ALTERNATE

~~Base Bid~~ 4–Drainage Project – Western Avenue – City Limits to 67th Street

The proposed **Project – Western Avenue – City Limits to 67th Street** is related to the deficient storm water ditch conveyance on Western Avenue – City Limits to 67th Street. The existing conditions on Western Avenue within the eastern and western right of way do not allow the conveyance of storm water to flow down Western Avenue to 67th Street. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,500 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
PIPE CULVERT REMOVAL	500	LINEAL FOOT	3	1500
STRUCTURE REMOVAL	5	EACH	50	250
PIPE CULVERT INSTALLATION	700	LINEAL FOOT	20	14000
4-6-INCH CORRUGATED PERFORATED UNDER DRAIN	100	LINEAL FOOT	10	1000
12 x 12 INLET BOXES	12	EACH	100	1200
FLARED END SECTION-METAL	5	EACH	20	100
STORM SEWER STRUCTURE INSTALL	10	EACH	150	1500
LAYOUT-JOB CONSULTATION	24	HOURLY	60	1440
DITCHING-GRADING COSTS				
OPERATOR WITH GRAD-ALL OR RUBBER TRACK EXCAVATOR-LEAD FOREMAN-2-LABORERS	40	HOURLY	250	10,000
TOTAL COST PROJECT-WESTERN AVENUE – CITY LIMITS TO 67TH ST				30,990

Base Bid 4- Total Cost of Project- Western Avenue – City Limits to 67th Street in words:

THIRTY THOUSAND NINE HUNDRED NINETY

Alternate 1- Project Sunrise Avenue – Janet Avenue to Elm Street

The proposed **Project Sunrise Avenue – Janet Avenue to Elm Street** is related to the deficient storm water ditch conveyance on Sunrise Avenue from Janet Avenue to Elm Street. The existing conditions on Sunrise Avenue within the eastern and western right of way do not allow the conveyance of storm water from the summit to the Janet Avenue/Elm Street ditches. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,100 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
PIPE CULVERT REMOVAL	500	LINEAL FOOT	5	2,500
STRUCTURE REMOVAL	5	EACH	50	250
PIPE CULVERT INSTALLATION	1700	LINEAL FOOT	22	37,400
4-6-INCH CORRUGATED PERFORATED UNDER DRAIN	100	LINEAL FOOT	12	1200
12 x 12 INLET BOXES	15	EACH	100	1500
FLARED END SECTION-METAL	15	EACH	20	300
STORM SEWER STRUCTURE INSTALL	17	EACH	350	5950
LAYOUT-JOB CONSULTATION	24	HOURLY	90	2160
DITCHING-GRADING COSTS				
OPERATOR WITH GRAD-ALL OR RUBBER TRACK EXCAVATOR-LEAD FOREMAN-2-LABORERS	40	HOURLY	350	14000
ALTERNATE 1 -TOTAL COST - SUNRISE AVENUE – JANET AVE TO ELM ST				65,260

Total Cost of Sunrise Avenue – Janet Avenue to Elm Street in words:

Sixty Five Thousand Two Hundred Sixty

Alternate 2–Drainage Project – 72nd Street – Richmond Avenue to Community Park

The proposed **Project – 72nd Street – Richmond Avenue to Community Park** is related to the deficient storm water ditch conveyance on 72nd Street –Richmond Avenue to Community Park. The existing conditions on 72nd Street within the northern and southern right of way do not allow the conveyance of storm water to flow from Richmond Avenue to Community Park. The proposed project would include the removal and replacement of deteriorated culverts, installation of inlets as required, the enclosure of ditches as necessary, and approximately 2,500 lineal feet of ditch regrading. The project goal is to allow storm water to flow at the optimal level.

DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
PIPE CULVERT REMOVAL	2200	LINEAL FOOT	2.	4400
STRUCTURE REMOVAL	8	EACH	10	80
PIPE CULVERT INSTALLATION	3100	LINEAL FOOT	14	43400
4-6-INCH CORRUGATED PERFORATED UNDER DRAIN	200	LINEAL FOOT	10	2000
12 x 12 INLET BOXES	30	EACH	75	2250
FLARED END SECTION-METAL	20	EACH	20	400
STORM SEWER STRUCTURE INSTALL	35	EACH	150	5250
LAYOUT-JOB CONSULTATION	32	HOURLY	60	1920
DITCHING-GRADING COSTS				
OPERATOR WITH GRAD-ALL OR RUBBER TRACK EXCAVATOR-LEAD FOREMAN-2-LABORERS	60	HOURLY	400	24000
TOTAL COST PROJECT-72ND STREET – RICHMOND AVENUE TO COMMUNITY PARK				83,700

Alternate 2- Total Cost of Project- 72nd Street – Richmond Avenue to Community Park in words:

Eighty Three Thousand Seven Hundred

	COST SUMMARY SCHEDULE	COST
Base Bid 1	Drainage Project Chestnut & Alabama – Richmond Avenue to Alabama Avenue	139,955
Base Bid 2	Drainage Project 69th Street – Clarendon Hills Road to City Limit	103,030
Base Bid 3	Drainage Project – Tennessee Ave – 72nd Street to Plainfield Road	48,730
	Total Base Bid	291,715
Alternate 1	Drainage Project Peony Place – Brookbank Road to High Road	25,140
Alternate 2	Drainage Project Western Avenue – City Limits to 67th Street	30,990
Alternate 3	Drainage Project Sunrise Avenue – Janet Avenue to Elm Street	65,260
Alternate 4	Drainage Project 72nd Street – Richmond Avenue to Community Park	83,700
	Total Alternate Bid	205,090
	Total Project Cost	496,805.00

Hourly Service Rate Sheet

DESCRIPTION	UNIT	COST
Lead Foreman	Hourly	126
Laborer	Hourly	115
Operator with Loader/Backhoe	Hourly	187
Operator with Grad All	Hourly	265
Placement of 6-12 inch stone (Rip-rap)	Square Yard	40

All Hourly Rates shall be guaranteed a four (4) minimum.

CITY OF DARIEN
MUNICIPAL SERVICES COMMITTEE
November 24, 2014

PRESENT: Joseph Marchese - Chairperson, Alderman Tina Beilke, Alderman Joerg Seifert, Dan Gombac – Director, Michael Griffith - Senior Planner

ABSENT: Elizabeth Lahey, Secretary

ESTABLISH QUORUM

Chairperson Marchese called the meeting of the Municipal Services Committee to order at 6:30 p.m. at the City Hall – City Council Chambers, Darien, Illinois and declared a quorum present.

NEW BUSINESS

A. 2100 Manning Road, Manning Woods Subdivisions: Petitioner seeks approval of the following:

1. **Rezoning the property from the R-1 Single Family Residence to the R-2 Single-Family Residence zoning district.**
2. **Variations from the Zoning Ordinance:**
   - a. **To reduce the minimum lot area from 10,000 to 6,670 square feet for one lot and to 7,200 square feet for 25 lots, Section 5A-7-2-5(A).**
   - b. **To reduce the minimum interior lot width from 75 feet to 55.66 feet for one lot and to 60 feet for 25 lots, Section 5A-7-2-5(a).**
   - c. **To reduce the minimum corner lot width from 85 feet to 62.36 feet, Section 5A-7-2-5(A).**
   - d. **To reduce the minimum front yard setback from 35 feet to 25 feet, Section 5A-7-2-6(A).**
   - e. **To reduce the interior side yard setback from 10 feet to 5.66 feet for one lot, Section 5A-7-2-6(A).**
3. **Variations from the Subdivision Regulations:**
   - a. **To reduce the minimum minor street right-of-way width from 66 feet to 55 feet, Section 5B-1-7(B)(6).**
   - b. **To reduce the minimum minor street pavement width from 30 feet to 27 feet, Section 5B-1-7(B)(6).**
   - c. **To reduce the minimum street curve centerline radius from 150 feet to 42.5 feet, Section 5B-1-8(G)(1)(a).**
   - d. **To reduce the minimum interior side yard utility easement from 6 feet to 5.66 feet for one lot, Section 5B-1-7(e)(1).**
4. **Preliminary plat of subdivision for a 26-lot residential subdivision.**

Mr. Michael Griffith, Senior Planner reported that there was a correction to pages one and three on the staff agenda memo regarding the smallest lot to be 6,679 square feet.

Mr. Griffith presented the staff report and stated the petitioner is proposing 26 lots, highlighted the variations noted in the agenda memo. He reported the proposed lots will range from 6,679 square feet to 14,820 square feet with the majority of the lots approximately 7,200 square feet.

Mr. Griffith reported the petitioner is proposing 10 foot side yards and 30 foot rear yards and a variation to reduce the front yard setback from 35 feet to 25 feet. He reported there is a wetland at the northeast corner of the property that will require approval from DuPage County. He further reported that the petitioner proposes to provide two detention basins.

Mr. Griffith reported the Planning and Zoning Commission held a public hearing and the Commission voted 4-1 denying the request because of concerns with density, lot size and bulk of homes.

Mr. Dan Gombac, Director reported on some of the concerns discussed at the Planning and Zoning Commission Public Hearing. He reported on the reduced right-of-way width and street pavement and that there is no need for a 30 foot wide street for a development of this size.

Mr. Gombac stated extra pavement adds impervious surface and maintenance costs and a sidewalk on one side of the street is acceptable also given the size of the development. Mr. Gombac referenced older subdivisions where there are large street pavement bubbles at curves and are unnecessary for this development and more costly to maintain.

Mr. Gombac reported on the one entrance idea onto Manning Road. He stated one way in and one way out creates concerns for the Fire District and there is room for two entrances.

Mr. Gombac addressed the loss of trees and wildlife. He reported a tree survey indicated most of the trees were in poor condition. He further reported staff would work with the residents and the petitioner to look at saving as many trees as possible. Mr. Gombac reported the petitioner was not required to conduct a wildlife study but that it will be reviewed by DuPage County. He stated staff and the petitioner were not aware of any endangered species and if there are endangered species present that the petitioner is willing to do something about it.

Mr. Gombac addressed a statement by a resident on Green Valley that they were not notified of the meeting. He reported all residents within 250 feet of the property are notified and the resident on Green Valley is outside of the radius.

Mr. Gombac addressed concerns regarding the size of the homes and the styles. He reported the petitioner was asked by staff to present a model home plans and he has revised his presentation to have only one builder.

Mr. Gombac addressed the concerns for traffic and the speed of traffic on Manning Road. He reported staff will forward the traffic and speed concerns to the Police Department. He stated staff can conduct a traffic study to track speed.

Mr. Gombac reported the petitioner was not required to provide a traffic study.

Alderman Beilke questioned the difference between the Darien Ridge Subdivision and how similar it was to this proposal.

Mr. Griffith reported the Darien Ridge Subdivision is 8.8 acres and 28 lots equating to three lots per acre. He stated the proposed subdivision is 7.6 acres and 26 lots and also three lots per acre.

Alderman Seifert stated 75th Street construction has impacted Manning Road. He stated he was okay with the street dimensions if staff thought they were acceptable.

Chairperson Marchese stated at the Public Hearing the petitioner proposed using multiple builders. He stated the petitioner has changed his proposal to one builder and will offer several designs.

Mr. Paul Swanson, petitioner and contract purchaser stated he is providing an alternative lot size and home style than what is offered in Darien. He stated he is offering a house selection in Darien for people who want a single family home but with smaller yards to maintain.

Mr. Swanson presented model home drawings and potential site plans and stated the homes will meet the building setbacks and lot coverage regulations. He stated the homes will maintain 10 foot side yards and 30 foot rear yards reducing the bulky appearance which was mentioned at the Public Hearing. He further stated given the topography of the property and its location near a shopping center, single family homes with smaller lots makes sense.

Mr. Swanson stated if approved he would sell the lots to one home builder but he would not be able to speak with any major builders until he had preliminary zoning approval. He stated he is in contact with large national builders.

Mr. Swanson stated he is going to build homes that will be different in size, lot and look and no direct comparison to the homes in the area. He stated the average home in the area is $337,000 and the proposed homes will be in the high $300,000 and $400,000 and will be very attractive with stone on the front.

Mr. Swanson stated he has done all required environmental testing and there is no evidence of any endangered species. He stated soil testing has not been done and that it will be up to the builder.

Mr. Swanson noted he intends to plant trees along the east side of the property providing a landscape screening for the homes to the east.

Mr. Swanson stated he would consider the Floor Area Ratio (FAR) requirement where the total square footage of the home is limited based on the lot area.

Mr. Swanson stated there is a demand for this style home in Darien. He stated that it is not geared towards families but towards seniors and young professionals

Alderman Beilke stated she agreed there is a need to accommodate seniors. She questioned if the petitioner would be providing a ranch style home.

Mr. Swanson stated there are a couple of lots that can have ranches and that they will have walk out basements.

Chairperson Marchese stated he liked the idea of detached single family homes with less maintenance. He stated it would meet the needs of some of the population in Darien and provide living space.

Alderman Beilke questioned if there would be a homeowners association and the fees.

Mr. Swanson stated there will be a homeowners association for maintaining the detention area. He stated that he did not have fees at this time.

Mr. Gombac suggested a Development Agreement as part of the approval to include requiring the homes to have a brick or stone façade, establishing a FAR and that a percentage of the homes are ranch style homes all with one builder.

The Committee unanimously agreed to the proposed Development Agreement but did not feel that the percentage of ranch style homes was necessary. Mr. Swanson stated that the Development Agreement was okay.

Alderman Beilke questioned if the development could be less than 26 lots.

Mr. Swanson stated it was not economically feasible and that the costs for the land and the improvements would not work with less than 26 lots.

Chairperson Marchese opened the meeting to anyone wishing to present public comment.

Mr. Art Donner stated the developer is selling lots and presenting magazine photos of homes to gain approval. He stated there is a risk to property values if the type of homes built is not defined. He further stated the development is too dense and will attract families with kids and not seniors. Mr. Donner stated there should be sidewalks on both sides of the streets and that kids will have to cross the street to get to the sidewalk. He further stated he would like the developer to share his costs with the public and that there needs to be assurances in place should the development go under.

Mr. Gombac reported the City Code requires development security to cover the public improvements and that the City has the ability to call in the security if needed to complete the improvements.

Chairperson Marchese stated there needs to be conditions to make people feel secure. He questioned if a requirement could be placed on a brick or stone façade.

Mr. Mike Bartel stated traffic on Manning Road is a problem and that the development will add to it. He stated the development will not attract seniors. He further stated reducing the number of lots will eliminate the need for variations. Mr. Bartel expressed his concerns for the streets and emergency vehicles fitting and the need for sidewalks on both side. He stated there is wildlife on the property that will be disturbed and that he liked one entrance onto Manning Road. Mr. Bartel urged the Committee to maintain the R-2 lot sizes.

Ms. Kathleen Hodak questioned the City process since the PZC denied the petition. She stated she would like the City to maintain 75 feet wide lots and open yards.

Chairperson Marchese reported that the PZC and the Municipal Services Committee are recommending bodies. He stated that City Council has final approval and that sometimes the Council agrees with the Commission and sometimes not.

Mr. Gombac questioned if the petitioner could reduce the number of lots.

Mr. Swanson stated he wants to be a good neighbor and build a product that sells. He stated he is in contact with very good well-capitalized builders that are interested in the property and that he is proposing an alternative lifestyle for seniors and young professionals. He further stated he will work with staff on the materials and build quality homes.

Mr. Swanson stated he cannot reduce the number of lots because of the economics of the project.

Ms. Luanne Spiros questioned if there would be a minimum square foot requirement. She questioned the price point near a shopping mall.

Mr. Gombac reported the petitioner provided a document regarding the market and the cost.

Mr. Robert Claes, attorney representing Phil and Denise Gardner, property owners stated the proposed plan is the best plan he has seen for this property. He stated all the other previous plans were for multi-family housing with many more homes. Mr. Claes stated the FAR was a concern at the public hearing and that the developer is willing to impose a floor area ratio despite that Darien does not have a Floor Area Ratio in the Code.

Mr. Claes stated that the plan maintains 10 foot side yards and 30 foot rear yards and that the 75 foot wide lots once the streets are in place is just not feasible.

Ms. Diane Schimel stated she and her husband spent over $2,000 and were denied a variation because of Brunswick Street and questioned why the City was approving variations for this project.

Chairperson Marchese stated that some of the properties are unique and require variations in order for something to be done on the property.

Mr. Gombac stated he could contact Ms. Schimel and discuss her concerns with her at a different time.

Ms. Schimel stated that Mr. Gombac could send her an email.

Alderman Beilke stated she would like staff to address the street lights to assist with traffic.

Mr. Gombac reported that he would contact DuPage County again.

Alderman Beilke questioned landscaping as a buffer.

Mr. Gombac reported staff recommends day-one screening which creates a fence of trees all year long.

Alderman Beilke stated her Ward has streets that are 20 feet wide without sidewalks and that this property is unique. She stated there are people looking for smaller lots who still want a single family home.

Chairperson Marchese stated His neighborhood has no sidewalks and that there are no complaints. He stated he likes that the housing is mixed.

Alderman Beilke questioned if the petitioner has plans for building in phases.

Mr. Swanson stated that there will be one phase with all infrastructure. He stated that usually the builder has two or three models and offers different elevations and multiple facades.

After some discussion, the Committee agreed that the Development Agreement would include a maximum FAR of 0.5, that home facades shall be 100% brick or stone, one builder for all lots and day-one landscaping buffer along the east property line.

Alderman Seifert made a motion, and it was seconded by Alderman Beilke to approve the petition as presented.

Upon voice vote, THE MOTION CARRIED unanimously 3-0.

B. Discussion – BYOB Survey results

Mr. Michael Griffith, Senior Planner reported staff completed a BYOB survey to the immediate surrounding areas. He reported that only Downers Grove and Westmont require a license and the others did not.

Alderman Seifert questioned what Hinsdale requires.

Mr. Griffith reported that staff did not survey Hinsdale but that there are only two businesses in Darien that have BYOB. He stated that the State of Illinois does not provide guidance or regulations.

Alderman Seifert stated he did not see a need with only two small establishments.

Alderman Beilke stated she was not keen on the concept because there is nothing that prohibits it but that there was no point in establishing a policy.

Mr. Gombac stated both establishments are in the same area. He stated staff would report back at the next meeting.

There was no one in the audience wishing to present public comment.

C. Discussion - Hinsdale South High School Parking Survey

Mr. Dan Gombac, Director reported that staff surveyed the residents and received 8 responses out of approximately 34. He suggested doing nothing and leaving the parking as is.

Chairperson Marchese stated that he would like to see something done because four months were spent discussing the parking and that he did not want to revisit the subject again.

Staff suggested a wait and see approach and revisit this item in April with a recommendation for Option 2 to be implemented.

There was no one in the audience wishing to present public comment.

D. Resolution – To enter into an engineering agreement with Christopher B. Burke Engineering, Ltd. for the 2015 Street Maintenance Program in an amount not to exceed $30,194.00.

Mr. Dan Gombac, Director reported that this is for engineering for the Street Maintenance Program.

There was no one in the audience wishing to present public comment.

Alderman Seifert made a motion, and it was seconded by Alderman Beilke to approve a Resolution – To enter into an engineering agreement with Christopher B. Burke

Engineering, Ltd. for the 2015 Street Maintenance Program in an amount not to exceed $30,194.00.

Upon voice vote, THE MOTION CARRIED unanimously 3-0.

E. Resolution – Authorizing the Mayor to enter into an engineering agreement with Christopher B. Burke Engineering for pavement corings for the proposed 2015 Street Maintenance Program in an amount not to exceed $12,000.00.

Mr. Dan Gombac, Director reported that this is for pavement corings for the Street Maintenance Program.

Alderman Seifert made a motion, and it was seconded by Alderman Beilke to approve a Resolution – Authorizing the Mayor to enter into an engineering agreement with Christopher B. Burke Engineering for pavement corings for the proposed 2015 Street Maintenance Program in an amount not to exceed $12,000.00.

Upon voice vote, THE MOTION CARRIED unanimously 3-0.

F. Minutes – October 27, 2014 Municipal Services Committee

Alderman Seifert made a motion, and it was seconded by Alderman Beilke to approve the October 27, 2014 Municipal Services Committee Meeting Minutes as amended.

Upon voice vote, THE MOTION CARRIED unanimously 3-0.

DIRECTOR'S REPORT

A. Illinois Clean Energy Grant Award

Mr. Dan Gombac, Director reported that the City received a second grant to upgrade the lighting system at City Hall and the Police Department. He reported that the first grant was $12,000 and that the City received an additional grant for $12,000.

Mr. Gombac reported that the paving is being done on 75th Street and that staff has been working with the new owners of the gas station.

NEXT SCHEDULED MEETING

Chairperson Marchese announced that the next regular meeting is scheduled for Monday, December 22, 2014 at 6:30 p.m.

ADJOURNMENT

With no further business before the Committee, Alderman Beilke made a motion and it was seconded by Alderman Seifert to adjourn. Upon voice vote, THE MOTION CARRIED unanimously and the meeting adjourned at _____ p.m.

RESPECTFULLY SUBMITTED:

Joseph Marchese
Chairman

Tina Beilke
Alderman

Joerg Seifert
Alderman

2015QUOTES RECEIVED - TREEAGE-PRIVATE PROPERTY

		Tree & Turf Professionals	Tree & Turf Professionals	Trugreen, LP	Homer Tree Care Inc
DESCRIPTION CATEGORY	**UNITS**	**Cost**	**RENEGOTIATED Cost**	**Cost**	**Cost**
Ash Tree 3 to 6 inch Diameter	Per Category	$ 50.00	$ 50.00	$ 60.00	$ 65.00
Ash Tree 6 1/8 to 10 inch Diameter	Per Category	$ 75.00	$ 65.00	$ 65.00	$ 90.00
Ash Tree 10 1/8 to 14 inch Diameter	Per Category	$ 100.00	$ 80.00	$ 80.00	$ 126.00
Ash Tree 14 1/8 to 18 inch Diameter	Per Category	$ 130.00	$ 130.00	$ 105.00	$ 148.50
Ash Tree 18 1/8 to 22 inch Diameter	Per Category	$ 160.00	$ 160.00	$ 125.00	$ 175.00
Ash Tree 22 1/8 to 26 inch Diameter	Per Category	$ 210.00	$ 195.00	$ 195.00	$ 218.00
Ash Tree 26 1/8 to 30 inch Diameter	Per Category	$ 240.00	$ 240.00	$ 240.00	$ 262.00
Ash Tree 30 1/8 to 35 inch Diameter	Per Category	$ 300.00	$ 300.00	$ 320.00	$ 405.00
Ash Tree 35 1/8 to 40 inch Diameter	Per Category	$ 350.00	$ 350.00	$ 420.00	$ 461.00
Ash Tree 40 1/8 to 45 inch Diameter	Per Category	$ 415.00	$ 415.00	$ 520.00	$ 515.00
Ash Tree 45 1/8 to 50 inch Diameter	Per Category	$ 460.00	$ 460.00	$ 620.00	$ 565.00
Ash Tree 50 1/8 to 55 inch Diameter	Per Category	$ 510.00	$ 510.00	$ 720.00	$ 630.00
Ash Tree 55 1/8 to 60 inch Diameter	Per Category	$ 550.00	$ 550.00	$ 820.00	$ 685.00
Total		$ 3,550.00	$ 3,505.00	$ 4,290.00	$ 4,345.50

SECOND EDITION

Insecticide Options for Protecting Ash Trees from Emerald Ash Borer

Daniel A. Herms,
Deborah G. McCullough,
David R. Smitley,
Clifford S. Sadof,
Whitney Cranshaw

North Central IPM Center

The Ohio State University
College of Food, Agricultural, and Environmental Sciences

Michigan State University

Purdue Extension | Local Faces Countless Connections

Colorado State University Extension

SECOND EDITION

Insecticide Options for Protecting Ash Trees from Emerald Ash Borer

Daniel A. Herms[1], Deborah G. McCullough[2], David R. Smitley[3], Clifford S. Sadof[4], Whitney Cranshaw[5]

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[2]Professor, Department of Entomology and Department of Forestry, Michigan State University, East Lansing, MI 48824

[3]Professor, Department of Entomology, Michigan State University, East Lansing, MI 48824

[4]Professor, Department of Entomology, Purdue University, West Lafayette, IN 47907

[5]Professor, Department of Bioagricultural Sciences and Pest Management, Colorado State University, Ft. Collins, CO 80523

Insecticide Options for Protecting Ash Trees from Emerald Ash Borer (Second Edition) is funded in part by the USDA-NIFA North Central Integrated Pest Management Center (Funding Award: 2011-51120-31160).

Contents

Insecticide Options for Protecting Ash Trees from Emerald Ash Borer

Emerald ash borer (*Agrilus planipennis* Fairmaire), an invasive insect native to Asia, has killed untold millions of ash trees (*Fraxinus* species) in urban, rural and forested settings. This beetle was first identified in 2002 in southeast Michigan and Windsor, Ontario. As of April 2014, emerald ash borer (EAB) infestations were known to be present in 22 states as well as two Canadian provinces. Surveys continue and additional infestations will be found as EAB continues to invade North America. Ash trees are common in urban landscapes and residential areas across much of the continental US. Many homeowners, tree care professionals, and municipalities would like to protect valuable ash trees from EAB.

Since 2002, our ability to control EAB and effectively protect ash in the landscape has progressed substantially. Scientists have learned much about this insect and how it interacts with its host trees. New insecticide products and application methods have been developed and tested. Results of field trials have shown that even large ash trees can be effectively and consistently protected over multiple years, even in areas with high densities of EAB. Recent economic analyses have concluded that treating landscape ash trees with effective systemic insecticides is much less costly than removing trees.

Our understanding of how EAB can be managed successfully with insecticides has advanced since this bulletin was initially published in 2009. This version has been revised to address frequently asked questions and reflect the current state of understanding of insecticide options for controlling EAB and their effectiveness. It is important to note that research is an ongoing process. Scientists from universities, government agencies and companies will continue to make discoveries and advance EAB management and ash conservation.

Herms, McCullough, Smitley, Sadof, Cranshaw

Answers to Frequently Asked Questions

What options do I have for treating my ash trees?

Several insecticide options are available to effectively treat landscape ash trees threatened by EAB. Products listed in Table 1 have been evaluated by university and government scientists in field trials. Keep in mind, however, that controlling insects that feed under the bark with insecticides has always been challenging. This is especially true with EAB because most of our native North American ash trees have little natural resistance to this pest. Effective control of EAB requires some care when selecting an insecticide product and application method to ensure the product is applied at the proper rate and time.

I know my tree is already infested with EAB. Will insecticides still be effective?

It is best to begin using insecticides while ash trees are still relatively healthy. By the time most people notice canopy thinning or dieback, EAB has already caused considerably injury to the vascular system of the tree. An effective insecticide may stop additional damage, but it cannot reverse damage that has already occurred and it takes time for trees to recover. Most insecticides used for EAB control act systemically - the insecticide must be transported within the tree. In other words, a tree must be healthy enough to carry a systemic insecticide up the trunk and into the branches and canopy. Trees are damaged by EAB larvae feeding in galleries under the bark. These galleries injure the phloem and xylem tissue that plants use to transport nutrients and water. A few galleries have only a small effect on most trees. As the EAB population grows and more larvae feed on a tree, however, the galleries interfere with the ability of the tree to transport nutrients and water, as well as insecticides. As a tree becomes more and more infested, the injury becomes more severe. Canopies become thin because fewer leaves can be supported by the tree. Large branches or even the trunk can be girdled and killed by the larval galleries.

Multi-year studies have shown that if more than 50% of the canopy has been killed by EAB or if the canopy appears to be thin and carrying less than half as much foliage as it should, it is probably too late to save the tree. The ability of trees to recover from low to moderate EAB injury can vary, depending on the extent of the damage and which control options are used. Studies have also shown that if the canopy of a tree is already declining when insecticide treatments are initiated, the condition of the tree may continue to deteriorate during the first year of treatment. If treatment is effective, the tree canopy will usually begin to improve in the second year of treatment. This lag in the reversal of canopy decline probably reflects the time needed for the tree to repair its vascular system after the EAB infestation has been reduced.

My ash tree looks fine but EAB has been detected in the vicinity of my property. Should I start treating my tree?

Detecting new EAB infestations and identifying ash trees that have only a few larvae is very difficult. Ash trees with low densities of EAB larvae often have few or even no external symptoms of infestation. In addition, scientists have learned that most female EAB lay their eggs on nearby trees, i.e. within 100 yards of the tree from which they emerged. A few female beetles, however, appear to disperse much further, anywhere from 0.5 miles to 2-3 miles. Therefore, if your property is within 10-15 miles of a known EAB infestation, your ash trees are probably at risk. If your ash trees are more than 10-15 miles beyond an infestation, it is probably too early to begin insecticide treatments. Treatment programs that begin too early waste money and result in unnecessary use of insecticide. Conversely, treatment programs that begin too late will not be as effective.

Remember, however, that new EAB infestations have been discovered every year since 2002 and existing EAB populations will build and spread over time. Quarantine maps found on the www.emeraldashborer.info website can help you stay up-to-date regarding locations of known infestations. You can use the links in this website to access specific information for individual states. When an EAB infestation is detected in a state or county for the first time, it will be added to these quarantine maps.

Note, however, that once EAB has been found in a county, surveys by regulatory officials end. Similarly, once an entire state is declared to be infested, regulatory surveys may cease. Therefore, quarantine maps may or may not adequately reflect the current distribution of EAB in such areas. Personnel from city, county or state agencies sometimes continue to survey or monitor local EAB infestations. City foresters, county extension offices or state departments of agriculture may have information on local EAB distribution. There is no substitute for local knowledge and tree care professionals should actively monitor changes in the condition of local ash trees.

When is the best time to treat my trees?

As with any pest management effort, optimal timing is required to achieve best control. Two life stages of EAB are targeted by treatments: adult beetles and young larvae. Therefore, systemic insecticide applications should be made in time to allow for uptake and distribution of the insecticide within the tree to ensure adult beetles and very young larvae encounter the toxin. Non-systemic cover sprays, which are less commonly used, should be applied to foliage to target adult beetles, as well as the trunk and branches to help control newly hatched larvae. Thorough coverage is critical for achieving successful control.

Adult EAB feed on ash foliage throughout their life span and females must feed on leaves for at least 14 days before they begin laying eggs. This provides a window of opportunity to control the adults before any new eggs or larvae are produced. The onset of adult beetle emergence begins from early May (southern Ohio) to early June (central Michigan) and peaks two to three weeks later. Beetle emergence may begin sooner at locales farther south or later in more northern areas. Regardless of location, emergence of adult EAB consistently begins at 450-550 growing degree days, based on a threshold of 50 °F and a starting date of January 1. Beetles are most abundant at about 1,000 growing degree days. Cumulative growing degree days are tracked and posted on websites of many land grant universities as well as the NOAA website. First emergence

Ash trees on a street in Toledo in 2006 and 2009 before and after being impacted by EAB.

of EAB also closely coincides with the period when black locust trees bloom. This phenological indicator is a reliable predictor of EAB emergence across a wide region, ranging from southern Michigan to Kentucky and Maryland.

Peak egg hatch and larval establishment occur between early June and mid-August, depending on location and weather. As a general rule, young larvae are more susceptible to insecticides than are older larvae. Moreover, controlling young larvae prevents damage to the tree caused by older larvae that feed in larger galleries and thus injure more area on the tree. The efficacy of insecticide treatments will likely decline if they are applied later in the growing season when larger, more mature larvae are present. Consistent with this, MSU scientists found that imidacloprid trunk injections made in mid-May were 70% more effective against EAB than those made in mid-July.

For imidacloprid soil treatments, which require four to six weeks for uptake and distribution of the insecticide within the tree, applications should be made in mid-March to late April, depending on your region. Treatments should be applied on the earlier side of these schedules in more southerly locations and later side in more northerly regions. Soil applications of dinotefuran can be applied 2-3 weeks later than imidacloprid because it is more soluble and is taken up and transported through the tree more rapidly. Basal trunk sprays of dinotefuran move into trees even faster and can be made between late May and mid-June. Optimal timing for trunk injected products is just after trees have leafed out, typically from mid-May through early or mid-June. When treating larger trees, treat on the earlier side of the recommended timing, because large trees may require more time for uptake and transportation of the insecticide than small trees. Imidacloprid soil applications can also be made in fall, from mid-October to mid-November. However, this timing is less efficient and studies have shown that higher rates must be applied in the fall than in spring to achieve similar levels of control.

Sometimes, a tree is not known to be infested until in late June or early July. Although late treatments are not optimal, there may still be some benefit to treating the tree if the treatment can be made promptly. Consider using a treatment approach that maximizes rate of uptake and within-tree distribution. Uptake of dinotefuran is faster than imidacloprid because it is more soluble. Basal trunk sprays with dinotefuran will be taken up faster than soil applications (see discussion below). Trunk injections will be taken up faster than soil applications, assuming the injections can be made under favorable conditions (e.g. adequate soil moisture, moderate humidity and air temperature). Even in a best case scenario, it will still likely take one to two weeks for the systemic insecticide to move throughout the tree.

How can I convince my community that action must be taken before it is too late to save the ash trees?

The first step is to educate your community about the threat posed by EAB and the value of the ash trees in the community. Members of some communities have acquired permission to mark ash trees with visual tags. This allows residents to clearly see the extent of the resource at risk. Other suggestions for organizing communities can be found in the "Neighbors Against Bad Bugs" website. You will want to cooperate with your city forester who may already have an inventory of street trees. An inventory will help identify where the ash trees are located, the size and species of the ash trees, and the proportion of the public forest at risk. Some cities use sophisticated inventory systems that even calculate the value of the services provided by the ash trees. In Milwaukee, WI, for example, the capacity of ash trees to filter storm water saves the city more than enough money to justify the cost of treating the trees. Other cities use similar programs to create visible tree tags that tally the dollar value of the services provided by each tree. The National Tree Benefits Calculator website provides information on calculating the value of trees for professional arborists and urban foresters. You may also wish to estimate or compare costs of different management responses to the EAB invasion over time. The EAB Cost Calculator website at Purdue University, for example, allows users to enter their own tree inventory, compare local costs of treatment options or tree removal, and print reports. Links to these websites are available at www.emeraldashborer.info or by using the website name in a google search.

I realize that I will have to protect my ash trees from EAB for several years. Is it worth it?

The economics of treating ash trees with insecticides for EAB protection are complicated and depend on several factors. Tree size, health, location and value should be considered, along with the cost of the insecticide and expense of application, the likelihood of success, and potential costs of removing the trees. Scientists, however, have compared costs of removing urban ash trees versus treating the same trees with emamectin benzoate, which provides two years of EAB control. Results consistently show treatment costs are much lower than removal costs. As treatment options continue to evolve, costs of treatment will likely change. It will be important to stay up to date on these options and management recommendations.

Benefits of treating trees can be more difficult to quantify than costs. Healthy landscape trees typically increase property values, provide shade and cooling, and contribute to the quality of life in a neighborhood. Landscape trees, especially mature trees, capture storm water, reducing potential pollution of streams and rivers. The economic benefits provided by trees increase with the size of the tree, as does the cost of removal. Hence, it may be particularly economical to treat larger trees. Many people are sentimental about their trees. These intangible qualities are important and should be part of any decision to invest in an EAB management program.

It is also worth noting that the size of EAB populations in a specific area will change over time. Populations initially build very slowly, but later increase rapidly as more trees become infested. As EAB populations reach peak densities, a high proportion of the untreated ash trees in a given area will decline and die, usually over a 3-5 year period. Once untreated ash trees in the area succumb, however, the local EAB population will decrease substantially. Ongoing studies in southeast Michigan and northwest Ohio, for example, indicate EAB populations still persist but at much lower densities simply because few mature ash trees remain in this area. Young ash saplings in forests or woodlots will likely be colonized by EAB eventually, so landscape ash may continue to face some risk of EAB infestation. It seems likely, however, that surviving ash trees can be managed with less frequent treatments once the EAB invasion has passed. Studies on the dynamics of EAB populations and whether the intensity of insecticide treatments can decrease after the local EAB population has collapsed are underway in Michigan and Ohio.

My customers want to know about the environmental effects of systemic insecticides used to protect ash trees from EAB.

People often have questions about whether systemic insecticide products used to protect ash trees will harm the environment or other organisms such as woodpeckers. A bulletin entitled "Frequently Asked Questions Regarding Potential Side Effects of Systemic Insecticides Used to Control Emerald Ash Borer" is available on the www.emeraldashborer.info website. The 4 page bulletin can be viewed on the website or downloaded and printed for distribution.

Insecticide Options for Controlling EAB

Insecticides that can effectively control EAB fall into four categories: (1) systemic insecticides that are applied as soil injections or drenches; (2) systemic insecticides applied as trunk injections; (3) systemic insecticides applied as lower trunk sprays; and (4) protective cover sprays that are applied to the trunk, main branches, and (depending on the label) foliage.

Insecticide formulations and application methods that have been evaluated for control of EAB are listed in Table 1. Some are marketed for use by homeowners while others are intended for use only by professional applicators. The "active ingredient" refers to the compound in the product that is actually toxic to the insect.

Formulations included in Table 1 have been evaluated in multiple field trials conducted by the authors and other university and governments researchers. Inclusion of a product in Table 1 does not imply that it is endorsed by the authors or has been consistently effective for EAB control. Please see the following sections for specific information about results from these trials.

Strategies for the most effective use of these insecticide products are described below. It is important to note that pesticide labels and registrations change constantly and vary from state to state. It is the legal responsibility of the pesticide applicator to read, understand and follow all current label directions for the specific pesticide product being used.

Using Insecticides to Control EAB

Soil-Applied Systemic Insecticides

Imidacloprid and dinotefuran are systemic insecticides that can be applied as soil drenches or soil injections. Both are sold under numerous brand names for use by professional applicators and homeowners. Those that have been tested by the authors are listed in Table 1; other similar products are also available. Soil applications can applied as a drench by mixing the product with water, then pouring the solution directly on the soil around the base of the trunk, or injected a few inches below ground at multiple locations near the base of the tree. The insecticide is taken up by the roots of the tree and then moves (translocates) throughout the tree.

Products designed for homeowners have some restrictions that do not apply to professional formulations. Homeowner products can be applied as a soil drench or as granules that are watered into the soil, but not as a soil injection. Homeowners are also restricted to making only one application per year.

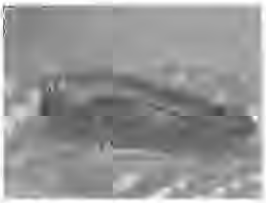
Professionals can apply these products as a soil injection as well as a soil drench. Soil injections require specialized equipment, but offer the advantage of placing the insecticide below mulch or turf and directly into the root zone of the tree. This also can help to prevent runoff on slopes. Injections should be made just deep enough to place the insecticide beneath the soil surface (2-4 inches). Soil injections should be made within 18 inches of the trunk. Studies have shown uptake is higher and the treatment more effective when the product is applied at the base of the trunk where the density of fine roots is highest. As you move away from the tree, large radial roots diverge like spokes on a wheel and fine root density decreases. Soil drenches offer the advantage of requiring no special equipment for application other than a bucket or watering can. However, imidacloprid can bind to surface layers of organic matter, such as mulch or leaf litter, which can reduce uptake by the tree. Before applying soil drenches, it is important to remove, rake or pull away any mulch or dead leaves so the insecticide solution is poured directly on the mineral soil.

Rates of soil applied insecticides needed to provide effective control may vary depending on the size of the tree and the intensity of pest pressure at the site. Higher rates of some imidacloprid products available to professionals and homeowners can be applied to large trees with trunk diameters greater than 15 inches. Lower rates are effective on smaller trees and when EAB populations and pest pressure are relatively low. When treating larger trees with imidacloprid or dinotefuran soil treatments, particularly when EAB density is high, studies have shown that applying the highest labeled rate is most effective. Only some imidacloprid products can be applied at the higher rate and only if trees are greater than 15 inches in diameter, so please review the label closely when selecting a product.

Treatment programs must also comply with the limits specified on the label regarding the maximum amount of insecticide that can be applied per acre during a given year.

Table 1. Insecticide options for professionals and homeowners for controlling EAB that have been tested in multiple university trials. Some products may not be labeled for use in all states. Inclusion of a product in this table does not imply that it is endorsed by the authors or has been consistently effective for EAB control. Additional imidacloprid products may be available in your area. See text for details regarding effectiveness.

Insecticide Formulation	Active Ingredient	Application Method	Recommended Timing
Products Intended for Sale to Professional Applicators			
Merit® (75WP, 75WSP, 2F)	Imidacloprid	Soil injection or drench	Early to mid-spring or mid-fall
Safari ™ (20 SG)	Dinotefuran	Soil injection or drench	Mid- to late spring
Transect ™ (70WSP)	Dinotefuran	Soil injection or drench	Mid- to late spring
Xytect™ (2F, 75WSP)	Imidacloprid	Soil injection or drench	Early to mid-spring or mid-fall
Zylam® Liquid Systemic Insecticide	Dinotefuran	Soil injection or drench	Mid- to late spring
Azasol™	Azadirachtin	Trunk injection	Mid- to late spring after trees have leafed out
Imicide®	Imidacloprid	Trunk injection	Mid- to late spring after trees have leafed out
TREE-age™	Emamectin benzoate	Trunk injection	Mid- to late spring after trees have leafed out
TreeAzin®	Azadirachtin	Trunk injection	Mid- to late spring after trees have leafed out
Safari™ (20 SG)	Dinotefuran	Systemic bark spray	Mid- to late spring after trees have leafed out
Transect (70 WSP)	Dinotefuran	Systemic bark spray	Mid- to late spring after trees have leafed out
Zylam® Liquid Systemic Insecticide	Dinotefuran	Systemic bark spray	Mid- to late spring after trees have leafed out
Astro®	Permethrin	Preventive trunk, branch, and foliage cover sprays	Two applications at 4-week intervals; first spray should occur at 450-550 degree days (50°F, Jan 1); coincides with black locust blooming
Onyx™	Bifenthrin		
Tempo®	Cyfluthrin		
Sevin® SL	Carbaryl		
Products Intended for Sale to Homeowners			
Bayer Advanced™ Tree & Shrub Insect Control	Imidacloprid	Soil drench	Early to mid-spring
Optrol ™	Imidacloprid	Soil drench	Early to mid-spring
Ortho Tree and Shrub Insect Control Ready to Use Granules®	Dinotefuran	Granules	Mid- to late spring



EAB adults must feed on foliage before they become reproductively mature.

This restricts the number of trees that can be treated in an area.

Soil applications should be made when the soil is moist but not saturated. Insecticide uptake will also be limited when soil is excessively dry. You may need to irrigate the soil surrounding the base of the tree before and possibly after the insecticide application if soils are dry. However, water-logged soil can result in poor uptake if the insecticide becomes excessively diluted and can also result in puddles of insecticide that could wash away, potentially entering surface water or storm sewers. To further protect surface and ground water, soil applications should not be made to excessively sandy soils with low levels of organic matter that are prone to leaching, especially where the water table is shallow, or where there is risk of contaminating gutters, lakes, ponds, or other bodies of water.

No soil applications should be made where there are roots of flowering plants that are visited by bees and other pollinators. This situation is most likely to occur where flowering plants are established around the base of an ash tree. In these situations the flowering plants should either be destroyed or insecticide should be applied via trunk injection to ensure the toxins will not be taken up by the flowering plants.

Trunk-injected Systemic Insecticides

Several systemic insecticide products can be injected directly into the trunk of the tree including formulations of azadirachtin, emamectin benzoate, and imidacloprid (see Table 1). An advantage of trunk injections is that they can be used on sites where soil treatments may not be practical, effective or appropriate, including trees growing on excessively wet, sandy, compacted or restricted soil environments. Trunk injections generally involve drilling through the bark and into the outer sapwood at the base of the tree. Drilling wounds could cause long-term damage, especially if treatments are applied annually. Recent studies of emamectin benzoate (TREE-age™) injected with Arborjet equipment and imidacloprid (Imicide®) injected with Mauget capsules in May, however, showed ash trees rapidly recovered and began producing new wood over the wounds in late summer. Application methods that rely on high pressure injections of insecticide through needles inserted into small holes may damage the tree if the pressure causes the bark to bulge and separate from the cambium. This is most likely to occur in spring and can cause larger wounds that result from death of the vascular tissue at the point of separation.

Products applied as trunk injections are typically absorbed and transported within the tree more quickly than soil applications. Allow at least two and preferably three to four weeks for most trunk-injected products to move through the tree. Optimal timing of trunk injections occurs after trees have leafed out in spring but before EAB eggs have hatched, or generally between mid-May and mid-June. Uptake of trunk-injected insecticides will be most efficient when trees are actively transpiring. Best results are usually obtained by injecting trees in the morning when soil is moist but not saturated. Uptake will be slowed by hot afternoon temperatures and dry soil conditions. Irrigating trees during droughty conditions will help with insecticide uptake and translocation within the tree.

Noninvasive, Systemic Basal Trunk Sprays

Dinotefuran is labeled for application as a noninvasive, systemic trunk spray for EAB control. It belongs to the same chemical class as imidacloprid (neonicotinoids) but is much more water soluble and moves more readily through plants. The formulated insecticide is sprayed on the lower five to six feet of the trunk using a common garden sprayer and low pressure. Research has shown that the insecticide penetrates the bark and is transported systemically throughout the tree.

The basal trunk spray offers the advantage of being quick and easy to apply and requires

no special equipment other than a garden sprayer. This application technique does not wound the tree, and when applied correctly, the insecticide does not enter the soil. Sprayers must be calibrated to ensure the appropriate amount of the formulated product is applied to each tree.

Dinotefuran can be mixed with surfactants that may facilitate its movement into the tree, particularly on large trees with thick bark. However, in field trials, adding a surfactant did not consistently increase the amount of insecticide recovered from the leaves of treated trees or improve the effectiveness of the application.

Protective Cover Sprays

Insecticides can be sprayed on the trunk, branches and (depending on the label) foliage to kill adult EAB beetles as they feed on ash leaves, and newly hatched larvae as they chew through the bark. Thorough coverage is essential for best results. Products that have been evaluated as cover sprays for control of EAB include some specific formulations of permethrin, bifenthrin, cyfluthrin and carbaryl (see Table 1).

Protective cover sprays are designed to control EAB adults and perhaps very young larvae that have just hatched from eggs. Sprays will have no effect on larvae feeding under the bark. Cover sprays should be timed to occur when most adult beetles have emerged and are feeding on ash leaves. For best results, consider two applications, one at 500 DD_{50} (as black locust approaches full bloom) and a second spray four weeks later.

How Effective Are Insecticides for Control of EAB?

Extensive testing of insecticides for control of EAB has been conducted by researchers at Michigan State University (MSU) and The Ohio State University (OSU). The following sections summarize key results of these trials.

Healthy ash trees that have been protected with imidacloprid soil drenches in 2009 growing next to untreated ash trees injured by EAB. The same street in 2011 following six consecutive years of treatments during a peak EAB outbreak. Untreated trees declined and were removed.

Keep in mind that maintaining good growing conditions and avoiding major stresses will improve your chances of successfully protecting your trees. Be sure to water trees during extended dry periods.

Soil-Applied Systemic Insecticides

Efficacy of soil-applied systemic insecticides for controlling EAB has been inconsistent. In some OSU and MSU trials, EAB control was excellent, while others yielded poor results.

EAB larvae damage the vascular system of the tree as they feed, which interferes with movement of systemic insecticides in the tree.

Application protocols and conditions of the trials have varied considerably, making it difficult to reach firm conclusions about sources of variation in efficacy. This inconsistency may reflect the fact that application rates for soil-applied systemic insecticides are based on amount of product per inch of trunk diameter or circumference. As the trunk diameter of a tree increases, the amount of vascular tissue, leaf area and biomass that must be protected by the insecticide increases exponentially. Consequently, for a particular application rate, the amount of insecticide applied as a function of tree size is proportionally decreased as trunk diameter increases. Hence, application rates based on diameter at breast height (DBH) may effectively protect relatively small trees but can be too low to effectively protect large trees. Some systemic insecticide products address this issue by increasing the application rate for large trees.

Some imidacloprid formulations can be applied to trees with a trunk diameter greater than 15 inches at a rate that is twice as high (2X rate) as the rate used for smaller trees (1X rate). In an OSU study in Toledo, Ohio underway since 2006, imidacloprid soil drenches have effectively protected ash trees ranging from 15-22 inches in diameter when applied at the 1X rate in spring, or at the 2X rate when applied in spring or fall. These treatments were effective even during years of peak pest pressure when all of the untreated trees died. Trees treated in fall with the 1X rate, however, declined and were removed. In another OSU multi-year trial with trees up to 22 inches DBH, dintotefuran soil applications, as well as basal trunk sprays (see below) were effective when applied at the highest labeled rate. However, lower rates were less effective. We are not aware of any studies that evaluated soil applied insecticides with trees larger than 22 inches DBH.

Insecticide placement may also affect efficacy. Recent studies have shown that soil drenches and injections made at the base of the trunk result in more effective uptake than applications made on grid or circular patterns under the canopy away from the trunk.

Trunk-Injected Systemic Insecticides

Emamectin benzoate • In several intensive studies conducted by MSU and OSU researchers, a single injection of emamectin benzoate (TREE-äge™) in mid-May or early June provided excellent control of EAB for at least two years, even when EAB densities were high. For example, in a highly-replicated study conducted on trees ranging in size from 5 to 21-inch DBH at three sites in Michigan, untreated trees had an average of 68 to 132 EAB larvae per m^2 of bark surface, which represents high pest pressure. In contrast, trees treated with low rates of emamectin benzoate (0.1-0.2 g ai / inch DBH) had, on average, only 0.2 larvae per m^2, a reduction of >99 percent. When additional trees were felled and debarked two years after the emamectin benzoate injection, there were still virtually no larvae in the treated trees, while adjacent, untreated trees at the same sites had hundreds of larvae.

In two Ohio studies with street trees ranging in size from 15- to 25-inch DBH, a single application of emamectin benzoate provided excellent control for two years, even at the lowest rate. There was no sign of canopy decline in treated trees and very few emergence holes, while the canopies of adjacent, untreated trees exhibited severe decline and extremely high numbers of emergence holes. In another trial, large trees, ranging from 32 to 47 inches DBH, were treated in alternate years with emamectin benzoate at medium-low or medium-high rates. Canopies of all treated trees remained healthy four years later (after two treatments) despite high pest pressure and numerous declining (untreated) trees in the immediate vicinity.

Additional studies have been conducted since then in other sites and all have produced similar results. Injections of emamectin benzoate, even at the lowest rate on the label (0.1 ga ai/DBH inch), provide nearly complete EAB control for two years. Depending on application rate and pest pressure, treatment with emamectin benzoate may

even protect trees for three years. Moreover, in side-by-side comparisons, emamectin benzoate was more effective than other systemic neonicotinoid products.

Azadirachtin ◦ Results from a two-year study in Michigan replicated at three sites showed azadirachtin products affect EAB differently than other insecticide products. For example, adult EAB beetles fed for six days on leaves from trees treated with a high rate of azadirachtin (TreeAzin®), then fed on leaves from untreated trees for the remainder of their life span. In contrast to trees treated with either emamectin benzoate (trunk injection) or dinotefuran (basal trunk spray), leaves from the azadirachtin trees were not acutely toxic to adult beetles. However, azadirachtin reduced the ability of mature female beetles to produce viable eggs that successfully hatched. Young females, conversely, appeared to recover and were able to reproduce normally.

When the trees in this study were felled and debarked after two years of exposure to EAB, it was apparent that numerous EAB larvae had begun feeding on trees treated with TreeAzin but died while still young and small. Very few live larvae were present on the trees treated in both years with TreeAzin. When trees were treated only the first year but not the second year, density of live larvae was 75-80% lower than on untreated control trees. Results from this study suggest that in most years, TreeAzin will effectively protect ash trees for two years, but when EAB densities are high, annual applications may be prudent.

Imidacloprid • Trunk injections with imidacloprid products have provided varying degrees of EAB control in trials conducted at different sites in Ohio and Michigan. In an MSU study, larval density in trees treated with Imicide® injections were reduced by 60 percent to 96 percent, compared to untreated controls. There was no apparent relationship between efficacy and trunk diameter or infestation pressure. In another MSU trial, imidacloprid trunk injections made in late May were more effective than those made in mid-July, and IMA-jet® injections provided higher levels of control than did Imicide®, perhaps because the IMA-jet® label calls for a greater amount of active ingredient to be applied on large trees. In an OSU study in Toledo, IMA-jet® provided excellent control of EAB on 15- to 25-inch trees under high pest pressure when trees were injected annually. However, trees that were injected every other year were not consistently protected.

In a discouraging study conducted in Michigan, ash trees continued to decline from one year to the next despite being injected in both years with either Bidrin (Inject-A-Cide B®) or imidacloprid. The imidacloprid treatments consisted of two consecutive years of Imicide® (10% imidacloprid) applied using Mauget® micro-injection capsules, or an

Healthy ash trees protected with emamectin benzoate trunk injections behind an untreated, declining tree.

experimental 12% formulation of imidacloprid in the first year followed by Pointer™ (5% imidacloprid) in the second year with both applied using the Wedgle™ Direct-Inject™ System. All three treatment regimens suppressed EAB infestation levels in both years, with Imicide® generally providing best control under high pest pressure in both small (six-inch DBH) and larger (16-inch DBH) caliper trees. However, larval density increased in treated and untreated trees from one year to the next. Furthermore, canopy dieback increased by at least 67 percent in all treated trees (although this was substantially less than the amount of dieback observed in untreated trees). Even consecutive years of these treatments only slowed ash decline under severe pest pressure.

In a head-to-head comparison of products conducted by OSU researchers, emamectin benzoate trunk injections (0.4 g a.i. / inch DBH applied during the first year in May) and imidacloprid soil drenches (applied in both years in May at the highest labeled rates) provided effective control of EAB. In contrast, trees treated with Pointer™ (5% imidacloprid applied in both years in May at the highest labeled rate) and the untreated trees declined substantially over the two year study period. In another MSU study, ACECAP® trunk implants (active ingredient is acephate) did not adequately protect trees > 15-inch DBH under high pest pressure.

Noninvasive Systemic Basal Trunk Sprays

Studies to date indicate that the effectiveness of dinotefuran basal trunk sprays are similar to soil applications of dinotefuran or imidacloprid. MSU and OSU studies have evaluated residues in leaves from trees treated with the basal trunk spray. Results show that the dinotefuran effectively moved into the trees and was translocated to the canopy at rates similar to those of other trunk-injected insecticides, and faster than other soil-applied neonicotinoid products.

As with imidacloprid treatments, control of EAB with dinotefuran has been variable in research trials. In an MSU study conducted in 2007 and 2008, annual dinotefuran trunk sprays reduced EAB larval density by approximately 30 to 60 percent compared to the heavily infested untreated trees. As with dinotefuran and imidacloprid soil applications, the basal trunk treatment was effective for only one year and would have to be applied annually.

In a five-year OSU study with trees up to 22 inches DBH, dinotefuran basal bark sprays provided effective protection when applied at the highest labeled rate (average of less than 5% canopy decline compared with nearly 80% average canopy decline for untreated trees). A lower rate was not as effective (almost 20% average canopy decline).

Protective Cover Sprays

MSU studies have shown that applications of Onyx™, Tempo® and Sevin® SL provided good control of EAB, especially when the insecticides were applied in late May and again in early July. Acephate sprays were less effective. BotaniGard® (*Beauvaria bassiana*) was also ineffective under high pest pressure. Astro® (permethrin) was not evaluated against EAB in these tests, but has been effective for controlling other species of wood borers and bark beetles.

In another MSU study, spraying Tempo® just on the foliage and upper branches or spraying the entire tree were more effective than simply spraying just the trunk and large branches. This suggests that some cover sprays may be especially effective for controlling EAB adults as they feed on leaves in the canopy. A single, well-timed spray was also found to provide good control of EAB, although two sprays may provide extra assurance given the long period of adult EAB activity.

It should be noted that spraying large trees is likely to result in a considerable amount of insecticide drift, even when conditions are ideal. Drift and potential effects of insecticides on non-target organisms should be considered when selecting options for EAB control.

Key Points and Summary Recommendation

- Insecticides can effectively and consistently protect even very large ash trees from EAB, even under intense pest pressure.
- Drought stress inhibits uptake and transport of systemic insecticides. Supplemental irrigation will be needed during dry periods.
- Unnecessary insecticide applications waste money. However, EAB infestations are very difficult to detect when populations are low. Once EAB has been detected within 10-15 miles, your trees may be at risk. Be aware of the status of EAB in your location. Current maps of counties and states where EAB has been found are available at www.emeraldashborer.info. Remember, however, that once a county is quarantined, regulatory surveys end and maps for that county are no longer updated. In some areas, local information on EAB infestations may be available from city, county or state officials.
- Trees exhibiting more than 50 percent canopy decline (thinning or dieback) are unlikely to recover even if treated with a highly effective systemic insecticide. Trees that are already infested and showing signs of canopy decline when treatments are initiated may continue to decline the first year after treatment, and then begin to improve the second year, as the trees recover. Effectiveness of products varies and depending on the product applied and the pest pressure, trees with lower levels of canopy decline may not recover despite treatment.
- Emamectin benzoate consistently provides at least two years of EAB control with a single application, even in large and very large trees under intense pest pressure. It also provided a higher level of control than other products in side-by-side studies.
- Trunk injections of azadirachtin affect EAB differently than other systemic insecticides. Results from a recent study indicate azadirachtin should provide effective protection for one to two years, depending on EAB pressure.
- Basal trunk sprays with dinotefuran applied annually effectively protected ash trees up to 22 inches DBH in several studies. It is important to calibrate sprayers to ensure the proper rate of the formulated product is applied.
- Imidacloprid and dinotefuran soil applications provided effective EAB control of trees up to 22 inches DBH (larger trees were not tested) when applied annually at the highest labeled rate, even under intense pest pressure. Soil drenches and injections are most effective when the product is applied at the base of the trunk. Generally, imidacloprid soil applications are more effective when applied in the spring than in the fall. Soil injections should be no more than 2-4 inches deep, to avoid placing the insecticide beneath feeder roots of the tree. To facilitate uptake, systemic trunk and soil insecticides should be applied when the soil is moist but not saturated or excessively dry.
- When treating trees greater than 15 inches DBH with imidacloprid soil applications, select a product that allows a higher rate (2X rate) to be used. Not all imidacloprid products can be applied at that rate, so check the label carefully. Users must comply with all restrictions on the frequency of applications and the amount of insecticide that can be applied per acre in a given year.

The Cooperative Emerald Ash Borer Program

For more information and to download additional copies of this bulletin:

www.emeraldashborer.info/

The Ohio State University EAB Outreach Team

www.ashalert.osu.edu

Purdue Extension

www.eabindiana.info

Colorado State

www.ext.colostate.edu/pubs/insect/emeraldashborer

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Multiple-year Protection of Ash Trees from Emerald Ash Borer with a Single Trunk Injection of Emamectin Benzoate, and Single-year Protection with an Imidacloprid Basal Drench

David R. Smitley, Joseph J. Doccola, and David L. Cox

Abstract. Green ash (*Fraxinus pennsylvanica* Marsh.) street trees ranging in size from 25 to 45 cm dbh were trunk injected with emamectin benzoate at rates of 0.10–0.60 g ai/2.54 cm dbh at three Michigan, U.S., locations in 2005 or 2006. Tree health was monitored by annual canopy thinning and dieback ratings for up to four years after a single treatment. Branch samples were collected in the autumn and the bark removed to count emerald ash borer larvae for most treatments over the same period of time. A single trunk injection treatment of emamectin benzoate at the 0.1, 0.2, or 0.4 g ai rate gave 100% control of emerald ash borer larvae in 98 of 99 treated trees for 2–3 years. Canopy ratings for treated trees remained similar for 2–4 years following trunk injection, while >50% of the control trees died during the same period of time. Ash trees that received a combination of an imidacloprid trunk injection and an imidacloprid basal drench or an annual imidacloprid basal drench had similar canopy ratings, but more larvae were found in branches from trees receiving the annual basal drench.

Key Words. *Agrilus planipennis*; Ash; Emerald Ash Borer; Emamectin Benzoate; Fraxinus; Trunk Injection.

Emerald ash borer (EAB), *Agrilus planipennis* Fairmaire (Coleoptera: Buprestidae) is native to China, Korea, Taiwan, Japan, Russia, and Mongolia (Haack et al. 2002; Bray et al. 2007). It was first discovered in North America in 2002 after urban ash trees near Detroit, Michigan, U.S., were observed to decline and die at an unprecedented rate (Cappaert et al. 2005; Smitley et al. 2008). As of March 2010, EAB has been found in 13 U.S. states (Michigan, Ohio, Indiana, Illinois, Pennsylvania, Kentucky, Wisconsin, West Virginia, Maryland, Virginia, Missouri, Minnesota, and New York), and two Canadian provinces (Ontario and Québec) (USDA 2010). Unfortunately, EAB is causing nearly 100% mortality of ash (*Fraxinus* spp.) trees in any growing environment unless they are treated with efficacious insecticides (Cappaert et al. 2005; Poland and McCullough 2006; Smitley et al. 2008). As EAB continues to spread, an increasing number of municipalities and private property owners face difficult decisions about the removal of ash trees or investment in insecticide treatment of selected trees. Trunk injections of imidacloprid or emamectin benzoate, and basal soil applications of imidacloprid were adequately efficacious against emerald ash borer when applied every year, but little information is available on more than one year of control following a single treatment (Cappaert et al. 2005; Herms et al. 2009; Smitley et al. 2010). Up until this time, very few private property owners and a small proportion of municipalities have chosen to treat ash shade trees with insecticides, most likely because they believe insecticide treatments are more expensive than tree removal, or are not reliable for saving ash trees. During the past five years, trunk injections of emamectin benzoate have dramatically changed the cost/benefit analysis for treating ash trees to protect them from EAB. Data presented in this paper detail extremely efficacious and consistent protection over multiple years from a single application. This results in a lower annual cost than previous treatments, less injury to trees, and improved environmental safety because all of the insecticide is contained within the tree, with the exception of any residue that may be found in shed leaves (Kreutzweiser et al. 2008).

MATERIALS AND METHODS

Trunk injection of emamectin benzoate was evaluated for control of EAB larvae for 2–4 years following a single treatment of green ash (*Fraxinus pennsylvanica* Marsh.) street trees at three locations: Troy, East Lansing, and Adrian, Michigan. Emamectin benzoate treatments were compared with a control (nontreated) treatment at each location, and also with a standard treatment (imidacloprid trunk injection plus imidacloprid basal soil drench) at the Adrian site. Efficacy against EAB larvae was determined by collecting branch samples each autumn and removing the bark to count larvae and new galleries. Branches were pruned from the upper one-third of the tree canopy between September 15 and November 4 each year. Three branches, at least 1.0 m long and with a diameter between 4 and 12 cm, were removed from each tree by city arborists using a bucket truck, while additional crew provided assistance from the ground. Branches in this size range were chosen because in previous surveys the greatest density of EAB larvae was found in branches with a diameter of 8–12 cm (Marshall et al. 2009). All of the trees in this study were healthy at the start of testing, dead branches were rarely encountered with the exception of the control trees. When the canopy thinning of control trees exceeded 65% in July, some branches of these trees were found to be entirely dead during branch sampling in autumn. In September and early October, dead branches were

avoided by only sampling branches with live leaves. In late October or early November, after leaf abscission, dead branches in control trees were avoided by scraping a patch of bark before cutting a branch to make sure it was alive. In some cases when it was not possible to find three live branches, only one or two branches were sampled. If no live branches were found then the tree was excluded from branch sampling and the number of replications was reduced accordingly. The first live branch found in the upper one-third canopy with a diameter of 4–12 cm was removed, and the remaining two branches were chosen to be as far away as possible from the first branch, and from each other, to maintain canopy balance. Bark splits and emergence holes were not considered in branch sampling. Branch samples were dropped to the ground where side branches and twigs were removed.

The branches were bundled and labeled for transport to Michigan State University's Entomology Field Research Farm in East Lansing for processing. When branches were processed, a 0.65 m-long section in the center of each branch was marked for scraping. The circumference of each branch was recorded at both ends of the scraped area. Surface area of each branch sample was determined by averaging the circumference of both ends, and using the formula for the surface area of a cylinder ($L2\varpi R$). EAB galleries and larvae were counted after clamping branch sections between the ends of a modified saw-horse and removing the bark with a drawknife and chisel. Branch samples were processed in a heated shed at the Entomology Field Research Farm. Annual canopy thinning and dieback ratings were made in July each year by comparing the canopy of each tree with photographs in various stages of decline from 0% (healthy) to 100% (dead) in 10% increments (Smitley et al. 2008). Each tree was rated by two or three individuals and averaged across observations to obtain an annual defoliation rating. When study trees were rated at >90% canopy thinning and dieback in July, they were excluded from branch sampling, and the trees were removed by the city during the winter.

Treatment means were compared at each test site using the general linear models procedure (PROC GLM) of SAS 9.1 (SAS 2003). Levene's test was used as part of the GLM procedure to test for homogeneity of variance. Percent data were transformed to arcsine square root (x) before analysis. Means were separated at the $P = 0.05$ level using Tukey's option in the MEANS statement. This performs a Tukey's studentized range test (HSD) when group sizes are equal and a Tukey-Kramer test when group sizes are unequal (SAS 2003).

Troy Site 2005–2006

Street trees in a neighborhood in the northern part of Troy, MI, were used for this test. These trees were between 12 and 26-years-old and ranged in size from 18–61 cm diameter at breast height (dbh). The mean dbh was 35.6 cm. Trees in this test were planted and maintained by the City of Troy. The trees were located between the street and the sidewalk, and were spaced a minimum 15 m apart and in no case did they overlap. Tree trunks were measured and marked with a metal tag during the final two weeks of April 2005. Lawns in the neighborhood were well-maintained and received natural rainfall, but very few were irrigated. Trees were grouped into 10 blocks of six trees based on location in the neighborhood. Each treatment was replicated 10 times with each replicate consisting of an individual tree. The treatments at this site consisted of five rates (0.10, 0.20, 0.40, 0.48, and 0.60 g ai/2.54 cm dbh) of emamectin benzoate formulated by Arborjet, Inc. (Woburn, MA, U.S.) and Syngenta Crop Protection, Inc. (Greensboro, NC, U.S.) as a 4.0 % ME. All trees receiving an emamectin treatment were trunk-injected on May 25, 2005 using the Arborjet Tree IV™ system. The formulated insecticide was diluted 1:1 with water and put into a bottle pressurized to 3.16 kg/cm^2 before being injected through four evenly spaced sites on the lower trunk of each test tree. All treated trees received a single trunk injection treatment on May 25, 2005, with the exception of trees receiving the 0.1 g ai/2.54 cm rate, which were injected again May 23, 2006, at the same rate. Control trees were not injected or treated with any insecticide. Canopy thinning and dieback ratings were made for each tree on June 27, 2005, and June 15, 2006, as previously described. Upper branches were sampled using a bucket truck in October 2005, and the bark scraped as described.

East Lansing Site, 2005–2009

Green ash street trees in East Lansing, MI, between 14 and 28-years-old with a trunk diameter between 25 and 61 cm (mean = 35.6 cm) were maintained by the City of East Lansing. Trees were located between the street and the sidewalk in seven different neighborhoods and spaced a minimum of 15 m apart to prevent canopy overlap. Tree trunks were measured and marked with a metal tag during the first week of August 2005. Study trees were located in well-maintained lawns, but very few were irrigated. Treatments were replicated 10 times with individual tree replicates. A description of each of the four treatments in this test follows, including the formulation, type of application, rate, and application date.

(1) TREE-äge (emamectin benzoate, Syngenta Crop Protection, Inc.) was applied once at 10 ml/2.54 cm dbh (0.4 g ai) on September 27, 2005. To apply using the Arborjet Tree IV system, emamectin benzoate was diluted 1:1 with water and the solution was placed into a single pressurized 3.16 kg/cm^2 bottle connected to four injection needles. At four evenly-spaced distances around the trunk at a height of 20–40 cm above the ground, four holes were drilled into the sapwood and a plastic septum (Arborjet #4 plug) was inserted, through which needles were placed for injection. (2) Emamectin benzoate was applied once in spring 2007 at 2.5 ml/2.54 cm (0.1 g ai) dbh. Trunk injections were made with the Arborjet QUIK-jet™ micro-injector. The number of injection sites was determined by the formula: trunk cm dbh/5.08. Undiluted emamectin benzoate was injected in equal amounts through plastic septa. A rate of 0.1 g ai/2.54 cm dbh was injected on May 21, 2007. (3) Emamectin benzoate was trunk injected in spring 2007 at 5 ml/2.54 cm dbh (0.2 g ai). Injections were made once on May 21, 2007 with the micro-injector as previously described. One tree was dropped from the test after the first year because the homeowner applied an additional insecticide treatment. (4) Control treatment, these trees were not treated.

Annually in early July, and as previously described, canopy thinning and dieback ratings were made for each tree. When branch sampling was included, the branches were pruned from the upper one-third of the tree canopy between September 19 and 26, 2006, October 8 and 12, 2007, or November 4 and 10, 2008. Branches were collected, the bark removed, and EAB larvae counted as previously described.

Adrian Site, 2006–2009

Green ash street trees in Adrian, MI, between 14 and 28-years-old and from 15–65 cm dbh (mean dbh = 43 cm in 2008), were selected for this test. Test trees were located between the street and the sidewalk in five different neighborhoods. All of the green ash street trees in these neighborhoods were used in the study if they had at least a 15 cm dbh, appeared to be relatively healthy (less than 25% canopy thinning and dieback in September 2005), and were spaced at least 15 m apart. Tree trunks were measured and marked with a metal tag during the first week of September 2005. Study trees were located in low-maintenance lawns, and very few were irrigated. Each treatment was replicated 10 times with each replicate consisting of an individual tree. Four insecticide treatments and two control treatments were evaluated from June 2006 to July 2009. A description of each treatment follows, including the formulation, type of application, rate, and application date.

(1) Emamectin benzoate was applied once at 10 ml/2.54 cm dbh (0.4 g ai) on June 22, 2006. Trunk injections were made as previously described in the East Lansing test. (2) Emamectin benzoate, trunk injected as described in treatment (1). The only difference among these two treatments is that branch samples were collected and scraped to count larvae for treatment (1) but not for treatment (2).

Unlike the previous two studies sites, (3) Imidacloprid 75 WP, was applied as a basal drench at a rate of 1.42 g ai/2.54 cm dbh. Annual treatments consisted of the appropriate amount of imidacloprid mixed in 5.7 l of water and poured around the base of the tree within 70 cm of the trunk on June 27, 2006, May 24, 2007, and June 3, 2008. (4) Imidacloprid 5% SL, formulated by Arborjet and Bayer, was trunk-injected using the Arborjet Tree IV system at a rate of 0.2 g ai/ 2.54 cm trunk dbh. The formulated insecticide was diluted 1:1 with water and put into a bottle pressurized to 3.16 kg/cm^2 before being injected through four sites on the lower trunk of each test tree on June 22, 2006. In addition, trees in treatment (4) also received an imidacloprid basal drench at a rate of 1.42 g ai/2.54 cm dbh on June 6, 2007, and June 10, 2008. Trees in treatments (5) and (6) were left as untreated controls.

Canopy thinning and dieback ratings were made for each tree in early July of each year as previously described. Upper branches from trees in three treatments were collected between October 15 and 19, 2007. The bark was removed and EAB larvae counted as previously described.

RESULTS

Results from all three locations indicate a single trunk injection treatment of ash trees up to 45 cm dbh in size, made in May or June with emamectin benzoate at 0.1–0.4 g ai/2.54 cm dbh consistently gives nearly 100% control of EAB larvae even under intense pressure from EAB. Control trees declined rapidly at test sites due to EAB infestation, going from canopy thinning ratings of 19% to 54% in one year at Troy, 15% to 58% in four years at East Lansing, and from 15% to 87% in three years at Adrian, while canopy thinning ratings for ash trees that were trunk-injected with emamectin remained similar throughout the test period.

The death and removal of some trees decreased the number of replications in the third and fourth year of this study at the East Lansing and Adrian sites. Two trees at the Troy site and one tree at each of the East Lansing and Adrian sites were prematurely removed by city arborists during the winter by mistake. The average area of bark sampled per tree was 1067 cm^2, and ranged from 691 cm^2 to 3,741 cm^2, depending on the size of the tree.

Troy Site, 2005–2006

Green ash street trees in Troy were of a uniform size at the beginning of the test in June 2005 (29.2–30.5 ± 6.5 cm dbh) (Table 1). Initial tree health ratings as measured by canopy thinning were also similar, with no differences among treatments with the exception of trees receiving the highest rate of emamectin benzoate. Ash trees in that treatment started the test in June 2005 with a significantly higher level of canopy thinning (41.5 ± 26.0%) compared with control trees (19.0 ± 14.7%). This happened despite a random assignment of trees to treatments.

All rates of emamectin benzoate (0.1–0.6 g ai/2.54 cm dbh) were extremely effective when applied as a trunk injection in late May 2005. No larvae were found in any of the branch samples (30 branch sections per treatment) collected in October 2005, despite evidence of a moderate level of EAB tunneling injury from the year before (11.2 old galleries/m^2) and intense pressure from EAB in 2005 (59.2 live larvae/m^2 in control trees). Complete protection of ash trees from the trunk injections of emamectin at all tested rates in May 2005 was expressed the following summer (July 2006) in canopy thinning ratings that were as good or better than the initial ratings in June 2005 (16.7%–34.3% canopy thinning). Meanwhile, control trees declined rapidly in response to the extensive damage caused by 59.2 larvae/m^2, deteriorating to a mean rating of 59.2% canopy thinning and dieback in June 2006 (Table 1).

East Lansing Site, 2005–2009

Trees in the East Lansing site were of similar in size (28–38 ± 10 cm dbh) as those evaluated in Troy, but trunk injection treatments were initiated at an earlier stage of EAB infestation, when trees were still in excellent health based on average ratings of 7% to 17% canopy thinning (Table 2). EAB density increased four-fold in control trees from autumn 2007 to autumn 2008, going from 6.9±9.4 to 28.7±21.5 larvae/m^2, respectively. In stark contrast, no larvae were found in branch samples collected from trees that were trunk injected with emamectin benzoate three years earlier at a rate of 0.4 g ai/2.54 cm in September 2005. The same trees continued looking healthy through August 2009, when they were rated as having 13.8 ± 14.1% canopy thinning, compared to a mean rating of 58.1 ± 33.2% for control trees (Table 2). Emamectin trunk injections made in May 2007 at the 0.1 or 0.2 g ai/2.54 cm dbh rate also provided excellent protection, with no EAB larvae being found in branches collected from treated trees in October 2007 or October 2008.

Adrian Site, 2006–2009

Green ash street trees in all treatments were healthy at the beginning of the test in July 2006 (14.2%–16% canopy thinning, Table 3). Trees in the two control treatments remained healthy in 2007 (10.3%–12% canopy thinning), but declined rapidly in 2008 (58.3%–64 % canopy thinning and dieback) in response to intense pressure from EAB. Nearly all the ash trees in both control treatments were dead by July 2009 (84.6%–89.5% canopy thinning and dieback). During the same time period (2006–2009), trees that were trunk-injected with emamectin benzoate at 0.4 g ai/2.54 cm dbh in June 2006 remained healthy (Table 3). Trees

receiving an annual basal drench of imidacloprid or a combination of imidacloprid basal drenches and an imidacloprid trunk injection also remained healthy during the test. Canopy ratings made in July 2009 and branch samples in October 2008 indicate ash trees receiving a single trunk injection of emamectin benzoate were well-protected for at least two years. Some EAB larvae were found in branch samples from one emamectin-treated tree in October 2007, but no larvae were found in any samples from emamectin treated trees in October 2008 (Table 3).

DISCUSSION

The authors of the study did not determine how important adult mortality was compared with larval mortality for trunk-injected trees in this study. However, when the bark was removed from branches in September and October live larvae in the emamectin-treated trees were not found, while dead EAB larvae were rarely found, suggesting that adult mortality, reduced egglaying, and mortality of young larvae are the most likely mechanisms of EAB control. Also, no EAB larvae were located in emamectin-treated trees, even when the trees were surrounded by heavily infested ash (28–45 EAB larvae/m^2). It is likely that under these conditions some EAB females would fly from surrounding ash to deposit eggs on the study trees, yet no larvae in the emamectin treated trees were found. This suggests emamectin is toxic to EAB larvae that tunnel into treated trees.

Trunk injections of emamectin benzoate reduced the density of EAB larvae found in treated trees by nearly 100% compared with control trees at all three sites. In the longest-running test at the East Lansing site, a single trunk injection of emamectin benzoate at the 0.4 g ai/2.54 cm dbh rate applied to ash trees with a 41 cm dbh gave 100% control of EAB larvae for three years. This suggests ash trees of this size could be adequately protected by making a trunk injection treatment at the 0.4 g ai rate once every three or four years. Our results also showed trunk injections at the 0.1 or 0.2 g ai/per 2.54 cm dbh rate gave excellent protection of 38 cm dbh trees for two years. Ash trees could be protected with trunk injections made at the 0.1g ai rate once every two years. This is half the amount of ai that would be required to treat trees once every four years at the 0.4 ai rate.

Table 1. Troy, Michigan: emerald ash borer larval density in green ash street trees and canopy thinning ratings of the same trees for 1.5 years after trunk injection of emamectin benzoate at rates of 0.10–0.60 g ai/2.54 cm dbh. Data are means ± SD. Each treatment has 10 replications unless indicated otherwise under mean ± SD as (n).

Treatment	Treatment Dates	2005 dbh (cm)	2005 Canopy thinning (%)	2005 Larvae per m^2	2006 Canopy thinning (%)
Emamectin 0.10 g/2.54 cm dbh	5-25-05 + 5-23-06	30.0 ± 3.6	16.5 ± 13.4 A	0 ± 0 A	16.7 ± 8.8
Emamectin 0.20 g/2.54 cm dbh	5-25-05	30.0 ± 3.6	25.0 ± 11.1 AB	0 ± 0 A	26.7 ± 25.0
Emamectin 0.40 g/2.54 cm dbh	5-25-05	30.5 ± 5.8	30.8 ± 22.1 AB	0 ± 0 A	28.2 ± 27.9
Emamectin 0.48 g/2.54 cm dbh	5-25-05	26.4 ± 6.4	26.8 ± 13.2 AB	0 ± 0 A	21.0 ± 14.5
Emamectin 0.60 g/2.54 cm dbh	5-25-05	30.4 ± 6.5	41.5 ± 26.0 B	0 ± 0 A	34.3 ± 40.2 (9)
Control	–	29.6 ± 4.8	19.0 ± 14.7 A	59.2 ± 72.0 B	54.3 ± 33.9 (9)

Means followed by the same letter are not significantly different at $P = 0.05$, by the Tukey-Kramer test.

Table 2. East Lansing, Michigan: emerald ash borer larval density in green ash street trees and canopy thinning ratings of the same trees for one to three years after a single trunk injection of emamectin benzoate at a rate of 0.4 g ai/ inch dbh on September 27, 2005, or at 0.2 or 0.1 ai/2.54 cm dbh on May 21, 2007. Data are means ± SD. Each treatment has 10 replications unless indicated otherwise under the mean ± SD by (n).

Treatment	Treatment Dates	2006 dbh (cm)	2006 canopy Thinning (%)	2007 canopy thinning	2007 Larvae per m^2	2008 canopy Thinning (%)	2008 larvae per m^2	2009 canopy thinning (%)
Emamectin trunk injection 0.4 g ai/inch dbh	Sept. 2005	29.9 ± 11.4	7.3 ± 8.9	12.8 ± 14.8	0 ± 0 A	19.3 ± 17.9A	0 ± 0 A	13.8 ± 14 A
Emamectin trunk injection 0.2 g ai/inch dbh	May 2007	29.2 ± 4.1	11.8 ± 1.6	17.3 ± 13.5 (9)	0 ± 0 A (9)	12.8 ± 8.8 A (9)	0 ± 0 A (9)	13.1 ± 13.3 A (9)
Emamectin trunk injection 0.1 g ai/inch dbh	May 2007	38.2 ± 7.3	17.0 ± 10.5	11.4 ± 15.9	0 ± 0 A	29.8 ± 29.4 A	0 ± 0 A (6)	10.4 ± 9.1 A (7)
Control	–	28.7 ± 10.6	16.0 ± 21.0	28.5 ± 27.9	6.9 ± 9.4 B	51.3 ± 30.2 B	28.7 ± 21.5 B	58.1 ± 33.2 B

Table 3. Adrian, Michigan: emerald ash borer larval density in green ash street trees and canopy thinning ratings of the same trees for 3–4 years after a single trunk injection of emamectin benzoate on June 22, 2006. Data are means ± SD. Each treatment has 10 replications unless shown under the mean ± SD as (n).

Treatment	Treatment dates	2008 dbh (cm)	2006 canopy thinning (%)	2007 canopy thinning (%)	2007 larvae per m^2	2008 canopy thinning (%)	2008 larvae per m^2	2009 canopy thinning (%)
Emamectin trunk injection 0.4 g ai/inch dbh	June 2006	45.0 ± 8.1 A[z]	14.4 ± 3.1 A	11.1 ± 6.0 A	-	12.3 ± 10.4 A	-	7.2 ± 6.7 A
Emamectin trunk injection 0.4 g ai/inch dbh	June 2006	43.1 ± 12.2A	16.0 ± 5.0 A	11.6 ± 6.5 A	2.4 ± 7.1 A	13.0 ± 12.7 A (9)	0 ± 0 A (9)	20.0 ± 8.0 A
Imidacloprid trunk injection + soil imidacloprid	June 2007 + June 2007, 2008	38.4 ± 9.8 A	14.9 ± 3.6 A	12.0 ± 4.9 A	-	13.5 ± 12.0 A	-	23.9 ± 10.1 A
Soil imidacloprid	June 2006, 2007, 2008	39.6 ± 15.0 A	14.2 ± 5.7 A	8.4 ± 4.0 A	3.6 ± 6.8 A	33.0 ± 25.8 AB	5.7 ± 5.6 AB (4)	30.3 ± 22.0 A
Control 1	-	43.4 ± 16.9 A	-	12.0 ± 15.1 A	-	58.3 ± 26.5 BC	23.6 ± 39.4 B (8)	89.5 ± 13.4 B
Control 2	-	44.7 ± 11.2 A	15.6 ± 5.4 A	10.3 ± 7.0 A	6.2 ± 6.6 A	64.0 ± 29.3 C	27.7 ± 28.9 B (7)	84.6 ± 12.0 B

[z] Means followed by the same letter are not significantly different at $P = 0.05$, by the Tukey-Kramer test.

Ash trees receiving an annual basal drench of imidacloprid or a combination of an imidacloprid basal drench and an imidacloprid trunk injection also appeared healthy as determined by canopy thinning ratings at the end of the Adrian test, but significantly more EAB larvae (5.7 per m^2) were found in imidacloprid-treated trees compared with emamectin benzoate-treated trees (0.0 per m^2).

Protection of ash trees for 2–4 years following a single insecticide treatment completely changes the prognosis for ash street trees and shade trees in North America after invasion of emerald ash border. Up until this time, insecticide treatment was reserved for only the most valuable trees because of the high cost of making frequent trunk injections. The multiple-year protection documented in this study reduces the projected cost of saving ash trees by at least 50%, bringing treatments well within the range of many homeowners and some cities or other municipalities. For example, one can compare the cost of hiring an arborist to treat a 31.4 cm dbh ash tree with annual trunk injections of IMA-jet (imidacloprid) at the 8 ml/2.54 cm dbh rate, to the cost of hiring the same arborist to treat every other year or every fourth year with TREE-äge (emamectin benzoate) at the 0.4 g ai/2.54 cm dbh rate. At the time of this writing the cost of the imidacloprid insecticide to the arborist is USD $23.92 per year, the cost of the emamectin benzoate insecticide is $26.13 per year when treating every third year, and $17.42 when treating every fourth year. Labor costs vary depending on the arborist, the number and size of trees being treated, and the location of the property. If one adds a labor charge of $50.00 per treatment-visit for the 31.4 cm dbh tree, then the total average cost per year over a three-year period would be $73.92/year for annual imidacloprid trunk injections, $51.13/year for emamectin benzoate injections made every third year, and $34.09/year for emamectin benzoate injections made every fourth year. This brings the cost of trunk injections into a much more practical range for homeowners, especially when weighed against the cost of tree removal which may be more than $1,500 for a large tree (62.8 cm dbh).

Data from Troy, East Lansing, and Adrian, MI, indicate most of the ash trees in cities along the leading edge of the contiguous EAB invasion front will perish within five years of when the first trees are found to die from EAB. This was certainly true for Troy, MI, and much of the Detroit Metropolitan area where the first ash trees began to die in 2004. By 2009 all of the ash trees were dead except ones that were protected with insecticide treatments or where young trees have sprouted from the stumps of dead ones. Sprouting ash trees and the germination of ash seed will guarantee the survival of EAB, but populations will be much smaller after the initial five to eight-year period when unprotected ash trees perish. This means the remaining ash trees will be easier to protect with insecticides.

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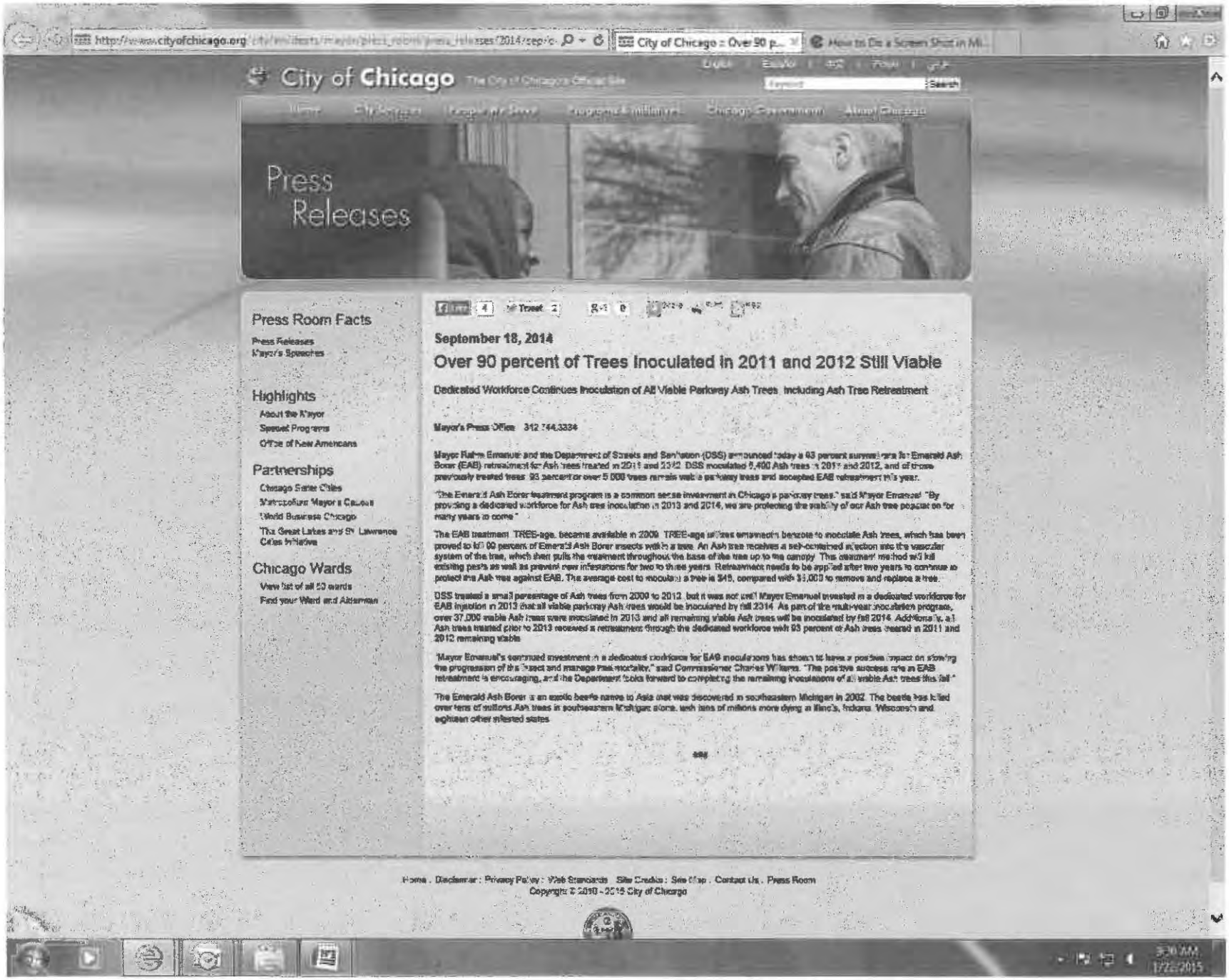
Résumé. Des frênes de Pennsylvanie (*Fraxinus pennsylvanica* Marsh.) de rue de 25 à 45 cm de DHP ont été injectés au tronc avec du benzoate d'emamectine à des taux de 0,1 à 0,6 g d'ingrédient actif par 2,54 cm de DHP, et ce au Michigan en 2005 ou 2006. La condition de santé des arbres a été suivie en regard des taux de densité de la cime et de dépérissement jusqu'à quatre ans après un traitement unique. Des échantillons de branches ont été récoltées en automne et l'écorce enlevée pour faire un décompte des larves d'agrile du frêne pour la plupart des traitements durant la même période. Une injection unique dans le tronc de benzoate d'emamectine à des taux de 0,1 ou 0,4 g d'ingrédient actif a produit un contrôle à 100% des larves d'agrile du frêne sur 98 des 99 arbres traités durant une période de 2 à 3 ans. Les cimes sont demeurées similaires chez les arbres traités durant une période de 2 à 4 ans après l'injection dans le tronc tandis que plus de 50% des arbres témoins mouraient au cours de la même période. Les frênes qui ont reçu une combinaison d'imidacloprid par injection dans le tronc et par injection dans le sol ou par injection annuelle dans le sol avaient des cimes similaires, mais plus de larves ont été découvertes dans les branches des arbres qui recevaient des injections annuelles dans le sol.

Zusammenfassung. Grüne Eschen als Straßenbäume in der Größe von 25–45 cm Stammdurchmesser wurden im Stamm mit Emamectin Benzoat in Raten von 0,10–0,60 g ai/2,54 cm Stammdurchmesser an drei verschiedenen Standorten in Michigan, U.S. injiziert. Die Baumgesundheit wurde überwacht durch jährliches Ausdünnen der Krone und Bewertung der Totholzbildung für bis zu 4 Jahren nach einer Behandlung. Im Herbst wurden Astproben gesammelt und bei den moisten Behandlungen auch die Rinde entfernt, um die Larven des Eschenbohrers im gleichen Zeitraum zu zählen. Eine einzelne Stamminjektion mit Emamectin Benzoat mit Raten von 0,1, 0,2 und 0,4 g ai ergab eine 100% Kontrolle der Larven in 98 von 99 behandelten Bäumen in 2–3 Jahren. Die Kronenbewertung bei behandelten Bäumen blieb über für 2–4 Jahre nach der Behandlung gleich, während >50% der kontrollierten Bäume im gleichen Zeitraum abstarben. Eschen, die eine Kombination aus Imidacloprid-Stamm-Injektion und Imidacloprid-Wurzelaufguss oder einen jährlichen Imidacloprid-Wurzelaufguss erhielten, hatten ähnliche Kronenbilder, aber es wurden mehr Larven in Ästen von Bäumen gefunden, die einen jährlichen Imidacloprid-Wurzelaufguss erhielten.

Resumen. Árboles de fresno (*Fraxinus pennsylvanica* Marsh.) de tamaños de 25 a 45 cm de DAP fueron inyectados al tronco con benzoato de emamectin a tasas de 0.10 – 0.60 g/2.54 cm de DAP en tres localidades de Michigan en 2005 y 2006. Fue monitoreada la salud de los árboles por muerte descendente y aclareos de copa anuales por cuatro años después del tratamiento. Se colectaron muestras de ramas en el otoño y la corteza removida para contar las larvas del barrenador esmeralda del fresno para los tratamientos en el mismo período. Un solo tratamiento de inyección al tronco de benzoato de emamectin a una tasa de 0.1, 0.2 o 0.4 g dio 100% de control de larvas del barrenador esmeralda del fresno en 98 de 99 árboles tratados para 2-3 años. Los estados de las copas para los árboles tratados permanecieron similares para 2-4 años después de la inyección, mientras que >50% de los árboles tratados murió durante el mismo período de tiempo. Los fresnos que recibieron una combinación de una inyección al tronco de imidacloprid y una zanja basal de imidacloprid o un tratamiento anual de zanja con imidacloprid tuvo estados de copa similares, pero se encontraron más larvas en ramas de árboles que recibieron zanjas anuales.



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September 18, 2014

Over 90 percent of Trees Inoculated in 2011 and 2012 Still Viable

Dedicated Workforce Continues Inoculation of All Viable Parkway Ash Trees, Including Ash Tree Retreatment

Mayor's Press Office: 312.744.3334

Mayor Rahm Emanuel and the Department of Streets and Sanitation (DSS) announced today a 93 percent survival rate for Emerald Ash Borer (EAB) retreatment for Ash trees treated in 2011 and 2012. DSS inoculated 9,400 Ash trees in 2011 and 2012, and of those previously treated trees, 93 percent or over 5,000 trees remain viable parkway trees and accepted EAB retreatment this year.

"The Emerald Ash Borer treatment program is a common sense investment in Chicago's parkway trees," said Mayor Emanuel. "By providing a dedicated workforce for Ash tree inoculation in 2013 and 2014, we are protecting the viability of our Ash tree population for many years to come."

The EAB treatment, TREE-age, became available in 2009. TREE-age utilizes emamectin benzoate to inoculate Ash trees, which has been proved to kill 99 percent of Emerald Ash Borer insects within a tree. An Ash tree receives a self-contained injection into the vascular system of the tree, which then pulls the treatment throughout the base of the tree up to the canopy. This treatment method will kill existing pests as well as prevent new infestations for two to three years. Retreatment needs to be applied after two years to continue to protect the Ash tree against EAB. The average cost to inoculate a tree is $45, compared with $1,000 to remove and replace a tree.

DSS treated a small percentage of Ash trees from 2009 to 2012, but it was not until Mayor Emanuel invested in a dedicated workforce for EAB injection in 2013 that all viable parkway Ash trees would be inoculated by fall 2014. As part of the multi-year inoculation program, over 37,000 viable Ash trees were inoculated in 2013 and all remaining viable Ash trees will be inoculated by fall 2014. Additionally, all Ash trees treated prior to 2013 received a retreatment through the dedicated workforce with 93 percent of Ash trees treated in 2011 and 2012 remaining viable.

"Mayor Emanuel's continued investment in a dedicated workforce for EAB inoculations has shown to have a positive impact on slowing the progression of the insect and manage tree mortality," said Commissioner Charles Williams. "The positive success rate in EAB retreatment is encouraging, and the Department looks forward to completing the remaining inoculations of all viable Ash trees this fall."

The Emerald Ash Borer is an exotic beetle native to Asia that was discovered in southeastern Michigan in 2002. The beetle has killed over tens of millions Ash trees in southeastern Michigan alone, with tens of millions more dying in Illinois, Indiana, Wisconsin and eighteen other infested states.

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Peggy Patino

From: Dan Gombac
Sent: Friday, January 16, 2015 12:12 PM
To: Peggy Patino
Cc: Michael Griffith
Subject: FW: BYOB: Village of Hinsdale

Peggy insert the caption under MS Jan 26 Dir Report
Update BYOB and insert e-mail

Daniel Gombac
Director of Municipal Services
630-353-8106

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Follow the link below and subscribing is simple!
http://www.darien.il.us/Departments/Administration/CityNews.html

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From: Michael Griffith
Sent: Friday, January 16, 2015 11:55 AM
To: Dan Gombac
Subject: BYOB: Village of Hinsdale

The Village of Hinsdale does not have a BYOB liquor license.

Michael Griffith
Senior Planner
City of Darien
630.353.8113

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Peggy Patino

From: Michael Griffith
Sent: Friday, January 16, 2015 3:09 PM
To: Dan Gombac; Kathy Weaver; Sylvia Mcivor; Joseph Kenny
Cc: Peggy Patino
Subject: Manning Woods Subdivision: sidewalk on N side of Manning to Fairview
Attachments: LETTER.sidewalk on Manning to Fairview.pdf

Attached letter was sent to residents whose property back up to Manning Road seeking input on proposed public sidewalk.

Michael Griffith
Senior Planner
City of Darien
630.353.8113

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CITY OF DARIEN

In the County of DuPage and the State of Illinois
Incorporated 1969

January 16, 2015

RE: Sidewalk along the north side of Manning Road

Dear Resident:

At the December 3, 2014, City Council meeting, the Darien City Council approved a preliminary plan for the Manning Woods Subdivision, consisting of 26 lots for detached, single-family homes, located at 2100 Manning Road, north side of Manning Road between Carlton Road and Brunswick Road.

The preliminary plan includes a public sidewalk to be constructed along the north side of Manning Road east to Fairview Avenue. The sidewalk would be located within the Manning Road right-of-way, not on private property. In order to construct the sidewalk, existing vegetation within the road right-of-way, including mature trees on the north side of the road, will have to be removed. Should the sidewalk move forward, the City Staff will make every attempt to save the mature trees. Please see the attached drawing showing the sidewalk location.

Before final plans are prepared by the developer, the City is seeking input from adjacent residents to determine if there is support for the sidewalk. Please contact me by February 2, 2015, to let me know whether or not you support this sidewalk. You can reach me at (630) 353-8113 or via email at mgriffith@darienil.gov. Thank you for your input.

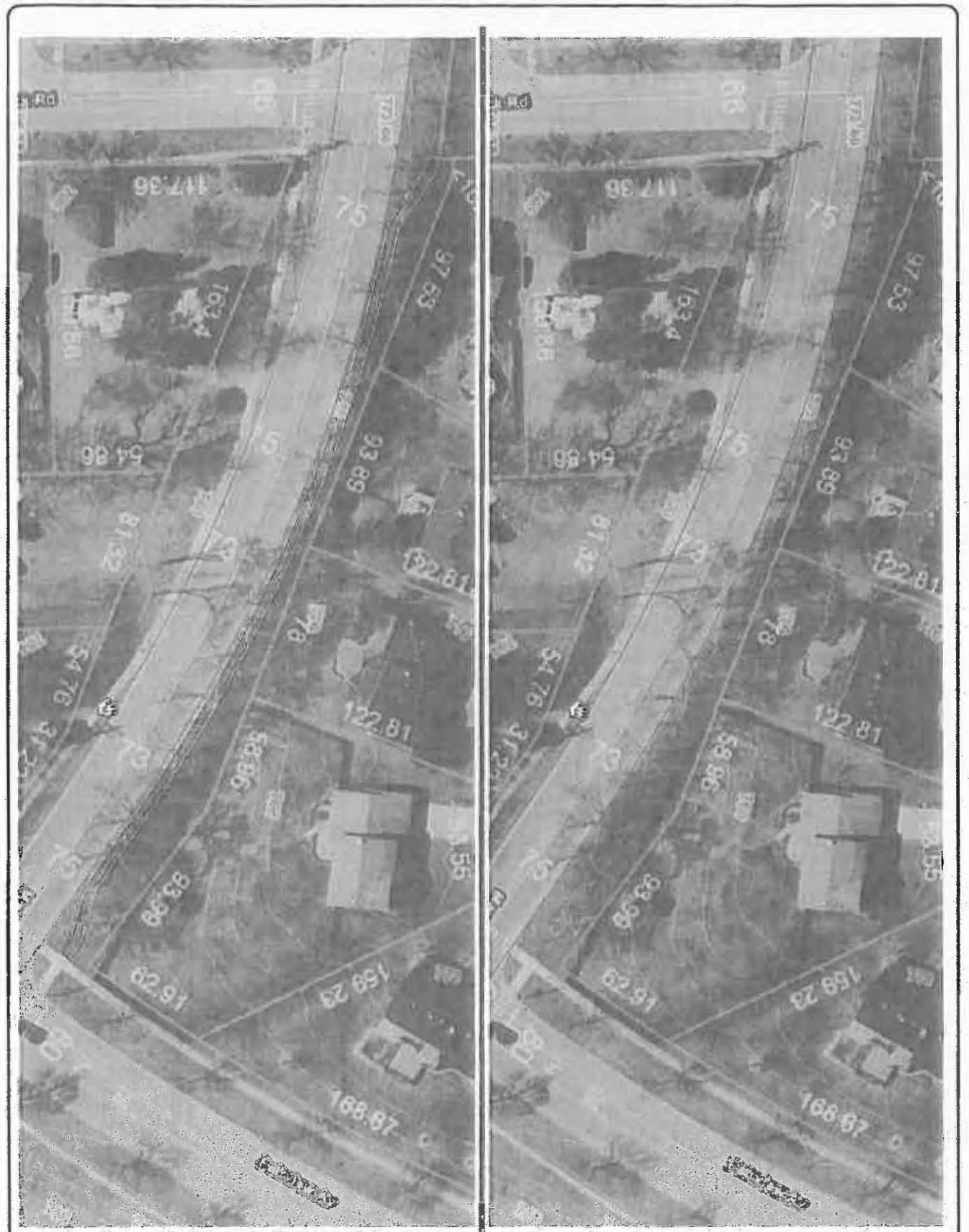
Sincerely,
COMMUNITY DEVELOPMENT DEPARTMENT

Michael Griffith
Senior Planner

C: Kathleen Moesle Weaver, Mayor
Sylvia McIvor, Alderman, Ward 6
Joseph Kenny, Alderman, Ward 3
Dan Gombac, Director, Community Development/Municipal Services

X:\Agenda backup\Public Works Agendas\2015\January 26, 2015\Supporting Documentation\Director's Report-Manning Road Sidewalk Letter.pdf

1702 Plainfield Road | Darien, Illinois 60561 | Area 630 | 852-5000



DESIGNTEK ENGINEERING, INC.
6500 BONNET DRIVE, SUITE 305
MORENA, ILLINOIS 60448
(708) 326-4961
IL Engr. Lic. No.: 184-003740

SIDEWALK PLAN
FOR
2100 MANNING ROAD
DARIEN, ILLINOIS

REVISIONS

SIDEWALK PLAN

Manning Woods Subdivision

RE: Sidewalk along N side of Manning Road to Fairview
Residents backing up to proposed sidewalk, Wilton Court

09-29-411-012
SCHIMEL, DIANE
7620 WILTON CT
DARIEN IL 60561

Response date:
Support sidewalk (Y or N):
Comments:

09-29-411-013
KALATA, JOHN & HELEN
7624 WILTON CT
DARIEN IL 60561

Response date:
Support sidewalk (Y or N):
Comments:

09-29-411-014
RODRIGUEZ, RUBEN & BLANCA
7628 WILTON CT
DARIEN IL 60561

Response date:
Support sidewalk (Y or N):
Comments:

09-29-411-015
ARCE, JOEL & LAURA
7632 WILTON CT
DARIEN IL 60561

Response date:
Support sidewalk (Y or N):
Comments: