

AGENDA
Rescheduled Meeting
Municipal Services Committee
July 05, 2011
6:00 P.M. – Council Chambers

- 1. Call to Order & Roll Call**
- 2. Establishment of Quorum**
- 3. New Business**
 - a. Variation – 1806 Holly Ave** - to reduce the required rear yard setback from 30 feet to 25 feet for a room addition
 - b. Resolution** - Authorize the purchase one new 2012 International truck from Prairie/Archway International Trucks Inc in the amount of \$67,825.00.
 - c. Resolution** – Rejecting all sealed bids for the purchase of Equipment Package – consisting of a dump body, hoist, body options, lighting accessories, hydraulics, controls, snow and de-icing equipment for the 2012 International Model 7400 SFA 4 x 2, 9-ton cab and chassis
 - d. Resolution** – Accepting a proposal from Auto Truck Group for the purchase of Equipment Package – consisting of a dump body, hoist, body options, lighting accessories, hydraulics, controls, snow and de-icing equipment for the 2012 International Model 7400 SFA 4 x 2, 9-ton cab and chassis, in the amount of \$82,288.00
 - e. Resolution** - Accept a proposal from D. Ryan Tree & Landscaping LLC for emergency tree removal and stump grinding in an amount not to exceed \$15,000.00.
 - f. Resolution** – Authorizing the purchase of 105 sets of new Banner Brackets, Poles and Hardware from MVP Visuals in an amount not to exceed \$7,818.75
 - g. Resolution** – Authorizing Phase II of the urgent repairs of the storm sewer adjacent to Clarendon Hills Road at 69th Street and at 71st Street for a total cost not to exceed \$39,000 and a resolution for the Illinois Department of Transportation for these same items

AGENDA MEMO
MUNICIPAL SERVICES COMMITTEE
MEETING DATE: July 5, 2011

Issue Statement

PZC 2011-05: **1806 Holly Avenue:** Petitioner seeks a variation to reduce the required rear yard setback from 30 feet to 25 feet for a room addition.

Applicable Regulations: Zoning Ordinance, Section 5A-7-2-6: Yard Requirements, R-2 Single-Family Residence District.

General Information

**Petitioner/
Property Owner:** Robert and Kathy Keding
1806 Holly Avenue
Darien, IL 60561

Property Location: 1806 Holly Avenue

PIN: 09-21-304-021

Existing Zoning: R-2 Single-Family Residence

Existing Land Use: Single-family residence

Surrounding Zoning and Land Use:

- North:** R-2 Single-Family Residence – single-family homes
- South:** R-2 Single-Family Residence – single-family homes
- East:** R-2 Single-Family Residence – single-family homes
- West:** R-2 Single-Family Residence – single-family homes

Comprehensive Plan Update: Low Density Residential

History: None.

Size of Property: 12,869 square feet

Floodplain: None.

Natural Features: None.

Transportation: Property has frontage on Holly Avenue.

Documents Submitted

This report is based on the following information submitted to the Community Development Department by the petitioner:

1. Plat of Survey, 1 sheet, prepared by Webster and Associates, latest revision dated April 16, 1977.

Planning Overview/ Discussion

The subject property is located on the north side of Holly Avenue, between McAdam Road and Wilcox Avenue.

The petitioners proposed to construct a room addition onto the back side of the home, the addition will be 12 feet x 16 feet, extending 12 feet from the rear wall of the home toward the rear lot line.

Within the R-2 zoning district, a 30 foot rear yard building setback is required. The home is located 37 feet from the rear lot line. The proposed addition will be 25 feet from the rear lot line. A drawing of the proposed addition is included in the agenda packet. Therefore, the petitioners are seeking a variation to reduce the required rear yard setback from 30 feet to 25 feet to construct the addition.

The proposed addition complies with lot coverage regulations.

The variation request must address the following criteria for approval:

1. Whether the general character of the property will be adversely altered.
2. Whether the overall value of the property will be improved and there will not be any potential adverse effects on the neighboring properties.
3. Whether the alleged need for the variation has been created by any person presently having a proprietary interest in the premises.
4. Whether the proposed variation will impair an adequate supply of light and air in adjacent property, substantially increase congestion in the public streets, increase the danger of fire or endanger the public safety.
5. Whether the proposed variation will adversely alter the essential character of the neighborhood.

Staff Findings/Recommendations

The proposed variation will not impair the adequate supply of light and air in adjacent properties, the proposed variation will not adversely alter the essential character of the property or of the neighborhood.

Therefore, staff recommends the Commission make the following recommendation to approve the variation petition:

Based upon the submitted petition and the information presented, the request associated with PZC 20011-05 is in conformance with the standards of the Darien City Code and, therefore, I move the Planning and Zoning Commission recommend approval of the petition.

Planning and Zoning Commission Review – June 15, 2011

The Planning and Zoning Commission considered this matter at its meeting on June 15, 2011. The following members were present: Beverly Meyer – Chairperson, Donald Hickok, Ronald Kiefer, John Lind, Raymond Mielkus, Kenneth Ritzert, Susan Vonder Heide, Michael Griffith – Senior Planner and Elizabeth Lahey – Secretary.

Members absent: Gloria Jiskra

Michael Griffith, Senior Planner, reviewed the agenda memo. He stated the request is to reduce the required rear yard setback from 30 feet to 25 feet to allow the petitioners to construct a 12 feet x 16 feet addition, with the addition extending 12 feet from the rear of the home.

He stated that Dan Gombac, Director, Community Development/Municipal Services, had looked at the property and determined there was not a drainage concern.

Robert Keding, the petitioner, stated they have lived in the home since 1977. He stated they would like to construct a 3-season room addition onto the home. He stated the front of the lot is curved due to the street, which pushed the house further back, reducing the depth of their rear yard.

Chairperson Meyer asked what a 3-season room meant.

Mr. Keding stated it would not have heat or air conditioning, but there would be electric in the room.

Chairperson Meyer asked about the exterior building materials, and if there would be an exterior light.

Mr. Keding stated it would have cement board siding. He stated they considered brick, but it would have been costly. He stated there will be a light at the door, facing the west.

Commissioner Hickok stated he did not have a problem with the request. He asked if there would be any drainage issues.

Mr. Keding stated there is a swale which takes care of the water.

Commissioner Kiefer stated he did not have a problem with the request.

No one from the public spoke.

Without further discussion, Commissioner Hickok made the following motion, seconded by Commissioner Vonder Heide:

Based upon the submitted petition and the information presented, the request associated with PZC 20011-05 is in conformance with the standards of the Darien City Code and, therefore, I move the Planning and Zoning Commission recommend approval of the petition.

Municipal Services Committee – July 5, 2011

Based on the Planning and Zoning Commission's recommendation, staff recommends the Committee recommend approval of the variation petition:

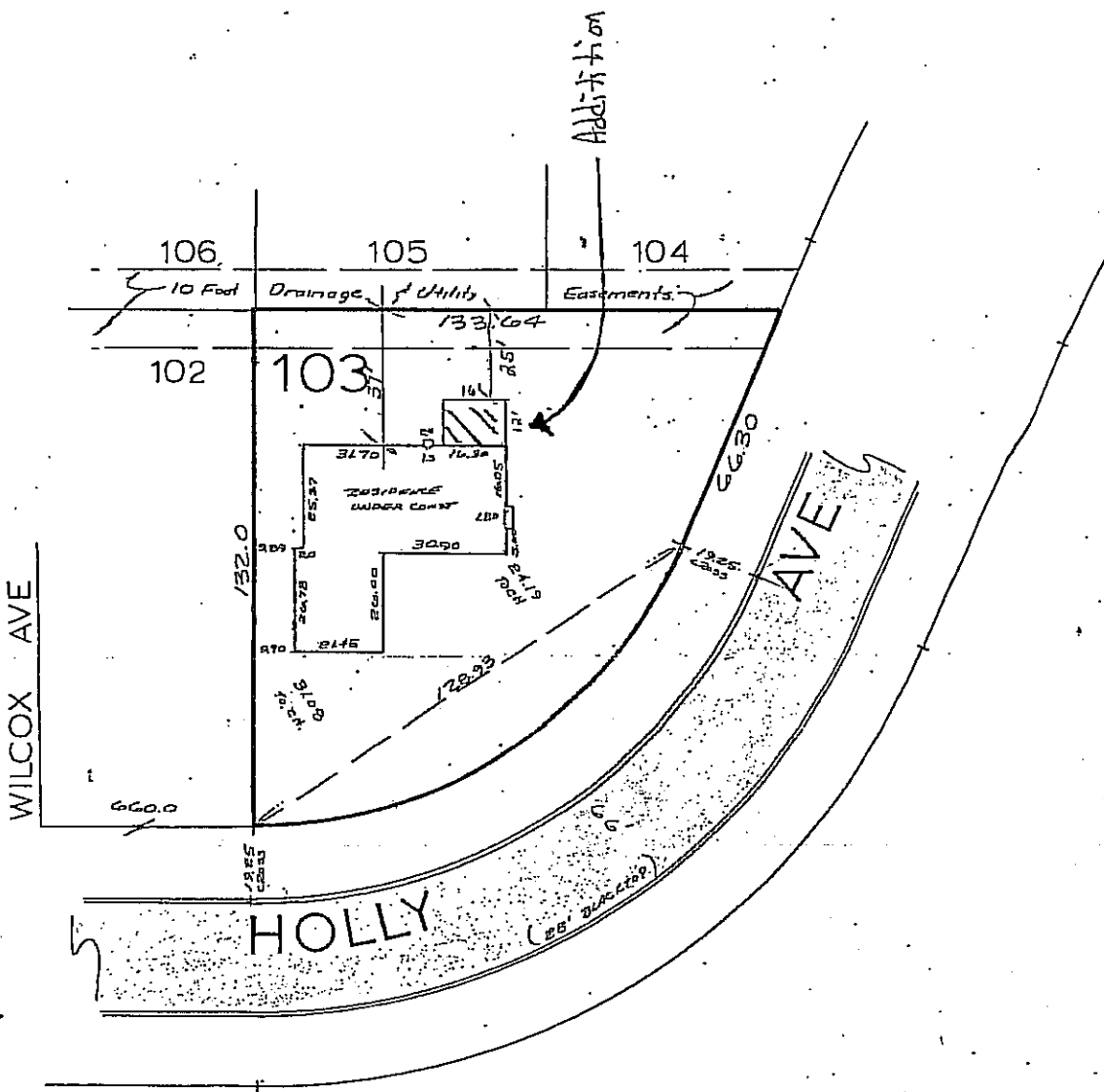
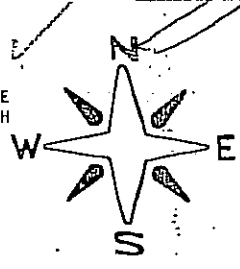
Based upon the submitted petition and the information presented, the request associated with PZC 20011-05 is in conformance with the standards of the Darien City Code and, therefore, I move the Municipal Services Committee recommend approval of the petition.

Decision Mode

The Planning/Zoning Commission considered this item at its meeting on June 15, 2011.
The Municipal Services Committee will consider this item at its meeting on July 5, 2011.

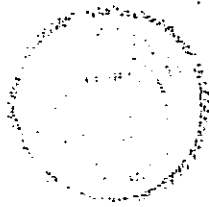
SURVEY OF

LOT 103 IN GALLAGHER AND HENRY'S BROOKHAVEN MANOR UNIT NO. 6, A SUBDIVISION OF THE SOUTH 660 FEET, (EXCEPT THE WEST 50.0 FEET THEREOF) OF THE SOUTHWEST QUARTER AND THAT PART OF THE SOUTH 660.0 FEET OF THE SOUTHEAST QUARTER, LYING WEST OF THE WEST LINE OF LOT 118 AND NORTH OF THE NORTH RIGHT OF WAY LINE OF HOLLY AVENUE, BOTH AS SHOWN ON THE PLAT OF GALLAGHER AND HENRY'S BROOKHAVEN MANOR NO. 4, ALL IN SECTION 21, TOWNSHIP 38 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN THE CITY OF DARIEN, ACCORDING TO THE PLAT OF SAID UNIT NO. 6, RECORDED OCTOBER 17, 1973 AS DOCUMENT R73-6552B, IN DU PAGE COUNTY, ILLINOIS.



BUILDINGS LOCATED AS SHOWN ON THIS.....
 16th DAY OF April A. D. 1977
 Surveyor *Edgar S. Webster*
 ILLINOIS LAND SURVEYOR NO. 1354

COMPARE DESCRIPTION AND POINTS BEFORE BUILDING AND REPORT ANY APPARENT DIFFERENCE TO THE SURVEYOR.



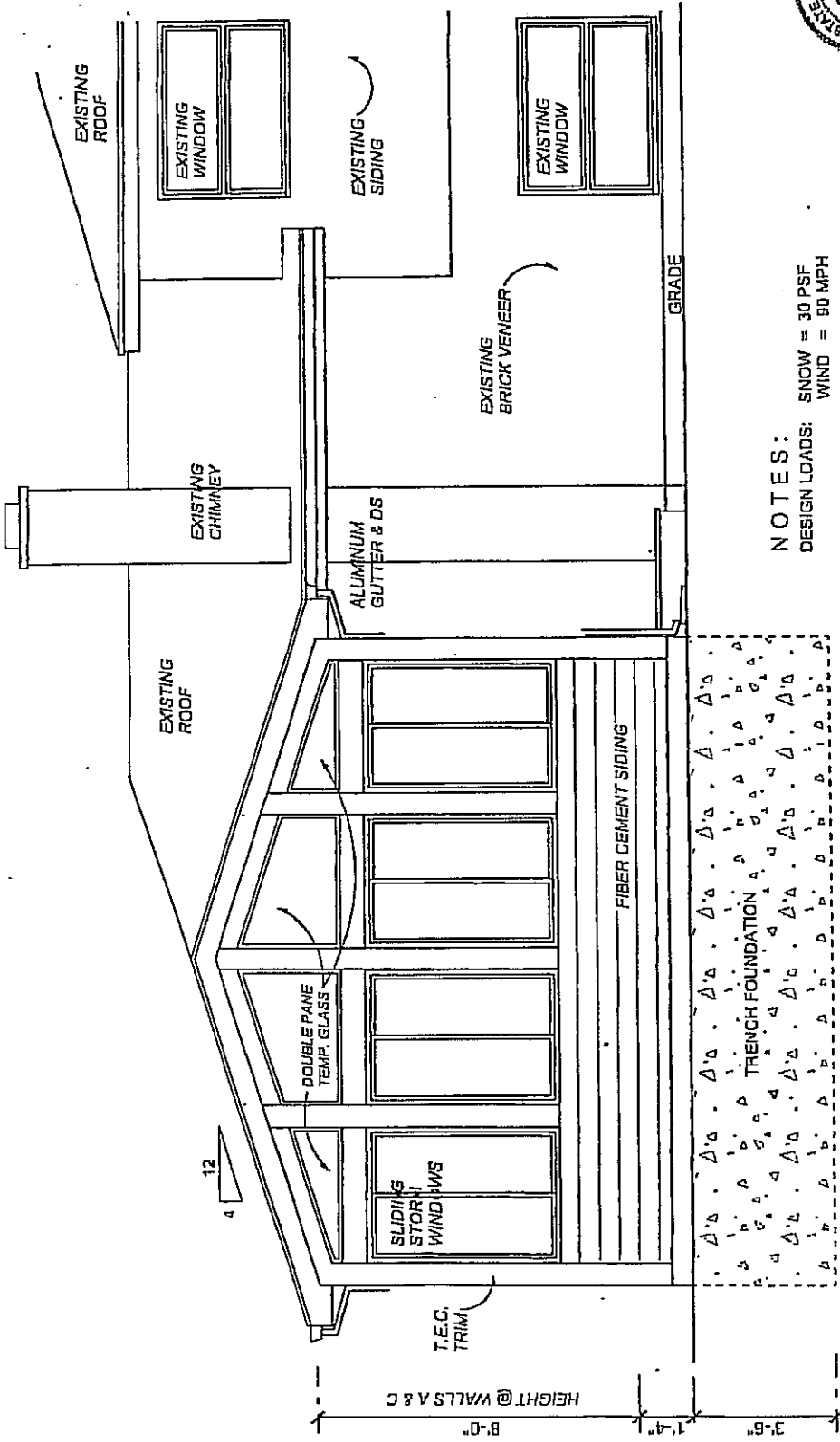
STATE OF ILLINOIS }
 COUNTY OF DUPAGE } s. s.
 THIS IS TO CERTIFY THAT I, AN ILLINOIS LAND SURVEYOR, HAVE SURVEYED THE PROPERTY DESCRIBED IN THE ABOVE CAPTION(S) AS SHOWN BY THE ANNEXED PLAT WHICH IS A CORRECT AND TRUE REPRESENTATION OF SAID SURVEY.

GIVEN UNDER MY HAND AND SEAL AT WHEATON, ILLINOIS,
 THIS 17th DAY OF October A. D. 1973
Edgar S. Webster
 ILLINOIS LAND SURVEYOR NO. 1354

REFER TO DEED OR GUARANTEE POLICY FOR BUILDING LINES AND EASEMENTS NOT SHOWN HEREON

| | | |
|---|---|--------------------------------|
| WEBSTER and ASSOCIATES | | PHONE: (312) 668-7603 |
| 207 S. NAPERVILLE STREET WHEATON, ILLINOIS 60187 | | |
| File No. B-24628-103..... | • Found Iron Stake | Drawn: <i>RLB</i> <i>RSR</i> |
| For Gallagher & Henry..... Ord. No. 3030.. | ○ Drive Iron Stake | Checked: <i>RLB</i> |
| Date: | All Dimensions Given in Feet and Decimals Thereof | Sur. By: <i>MLW</i> <i>RSR</i> |
| | Scale of Plat, 30 Feet to the Inch | |



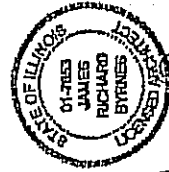


NOTES:
 DESIGN LOADS: SNOW = 30 PSF
 WIND = 80 MPH

ALL FASTENERS & CONNECTORS
 TO BE HOT DIPPED GALVANIZED.
 ALL FLASHING TO BE AC2 APPROVED

Front Elevation

SCALE: 1/4" = 1'-0"



1

| | |
|---------------------|------------|
| PROJECT: KEDING | REVISIONS: |
| DATE: 5-06-11 | |
| DRAWN BY: J.R.B. | |
| CHECKED BY: | |

Front Elevation

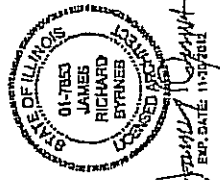
Kathy & Bob Keding

1806 Holly Ave.
 Darien, IL. 60561



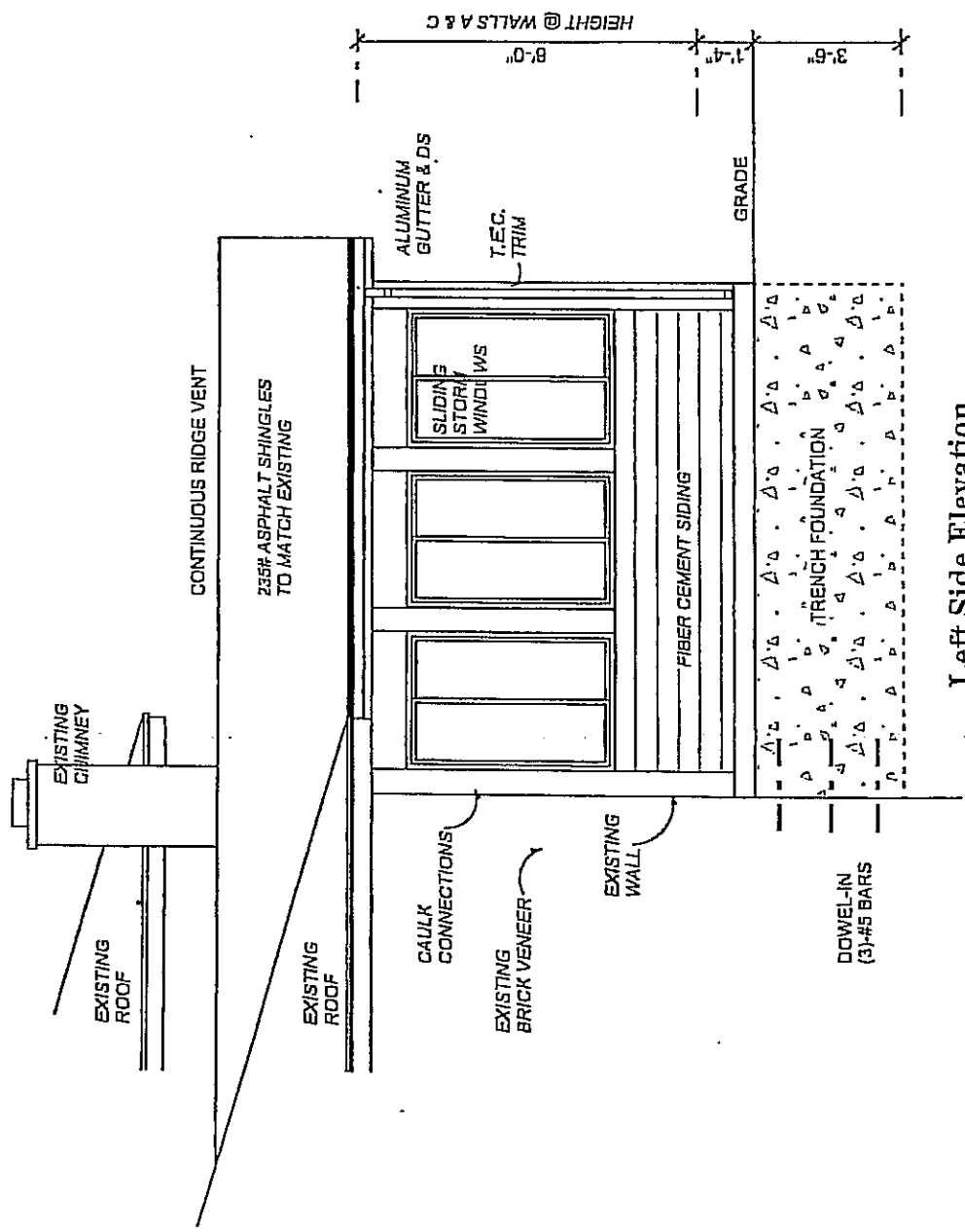
Rooms

Timberline, Inc. 3900 Commercial Drive
 St. Charles, Illinois 60174 Ph. (630) 443-7100



James R. Byrne
 EXP. DATE: 11-30-2011

2



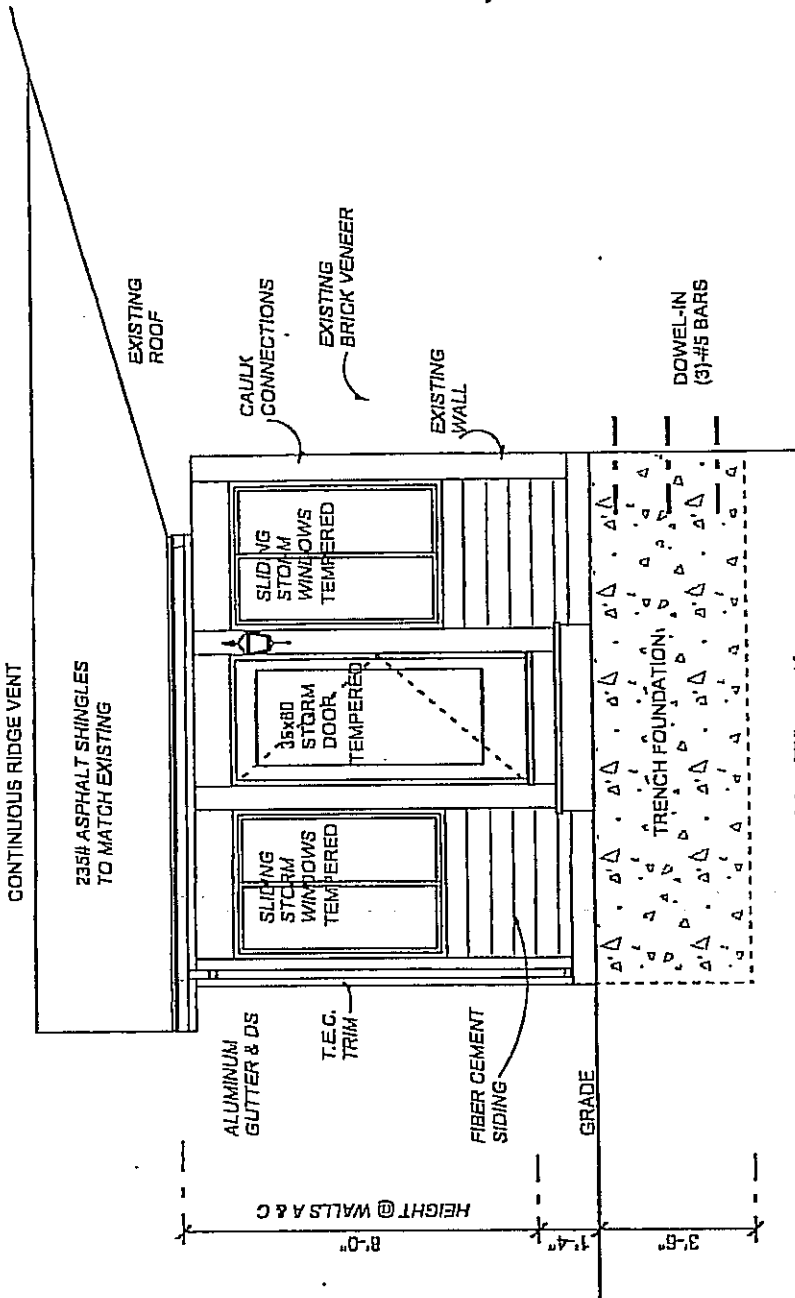
Left Side Elevation
 SCALE: 1/4" = 1'-0"

| PROJECT: | | REVISIONS: | |
|----------|------------------|------------|--|
| KEDING | DATE: 5-06-11 | | |
| | DRAWN BY: J.R.B. | | |
| | CHECKED BY: | | |

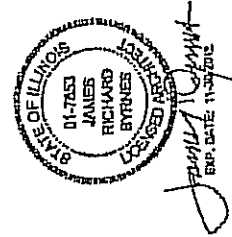
Right Side Elevation
Kathy & Bob Keding
 1806 Holly Ave.
 Darlen, IL. 60561

TIMBERLINETM
Rooms

Timberline, Inc. 3950 Commerce Drive
 St. Charles, Illinois 60174 Ph. (630) 423-7100



Right Side Elevation
SCALE: 1/4" = 1' - 0"



3

| | | | | | | | | | |
|--|---|----------|--------|-------|---------|-----------|--------|-------------|--|
| <p style="font-size: 1.5em; font-weight: bold;">Right Side Elevation</p> <p style="font-size: 1.2em; font-weight: bold;">Kathy & Bob Keding</p> <p>1806 Holly Ave. Darien, IL. 60561</p> | <p>REVISIONS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">PROJECT:</td> <td>KEDING</td> </tr> <tr> <td>DATE:</td> <td>9-08-11</td> </tr> <tr> <td>DRAWN BY:</td> <td>J.R.B.</td> </tr> <tr> <td>CHECKED BY:</td> <td></td> </tr> </table> | PROJECT: | KEDING | DATE: | 9-08-11 | DRAWN BY: | J.R.B. | CHECKED BY: | |
| PROJECT: | KEDING | | | | | | | | |
| DATE: | 9-08-11 | | | | | | | | |
| DRAWN BY: | J.R.B. | | | | | | | | |
| CHECKED BY: | | | | | | | | | |

TimberBull, Inc. 3930 Commerce Drive
St. Charles, Illinois 60174 Ph. (630) 453-7100

AGENDA MEMO
Municipal Services Committee
July 5, 2011

ISSUE STATEMENT

A resolution authorizing the purchase of one new 2012 International Model 7400 SFA 4 x 2, 9-ton, cab and chassis from Prairie/Archway International Trucks Inc. in the amount of \$67,825.00.

BACKGROUND/HISTORY

The new truck is to be utilized primarily for material hauling, snow plowing, and de-icing operations for the street division. The truck would be replacing unit 110, which is a 1999 GMC, Model TC7H042. The truck has 47,810 miles. Unit 110 was budgeted for replacement due to the engine and hydraulic system deterioration. In addition, the truck body is rusted and faded, and the dump body is severely rusted. Attached is the history of the maintenance and repairs for unit 110.

The proposed cab and chassis is a 2012 International Model 7400 SFA 4 x 2, 9-ton, and would be purchased from the State of Illinois Joint Purchasing awarded vendor Prairie/Archway International Trucks Inc., in the amount of \$67,825.00, and as per the attached specs labeled as Attachment 1. The Equipment Package -- consisting of a dump body, hoist, body options, lightning accessories, hydraulics, controls, snow and de-icing equipment and Option No 1-chipper box are covered under a separate agenda memo.

The proposed expenditure would be expended from the following line account:

| ACCOUNT NUMBER | ACCOUNT DESCRIPTION | FY 11/12 BUDGET | PROPOSED EXPENDITURE | PROPOSED BALANCE |
|----------------|--|-----------------|----------------------|------------------|
| 01-30-4815 | CAPITAL PURCHASES TRUCK REPL UNIT 110-CAB AND CHASSIS | \$163,632.00 | \$ 67,825.00 | \$ 95,807.00 |

STAFF RECOMMENDATION

A resolution authorizing the purchase of one new 2012 International Model 7400 SFA 4 x 2, 9-ton, cab and chassis from Prairie/Archway International Trucks Inc. in the amount of \$67,825.00.

ALTERNATE DECISION

As recommended by the Committee.

DECISION MODE

This item will be placed on the July 18, 2011 City Council agenda for formal consideration.

CITY OF DARIEN
Repair Transaction Cost Detail

| Equipment# | Repair Order# | Date | Meter(1) | Shop Loc/ Rep Class | Rep Reason/ Rep Site | | | |
|------------|-------------------------|----------|----------|------------------------|-------------------------|-----------------|------------------|--------------|
| 110 | 0000020261 | 12/02/99 | 140 | 01/01 | 08/01 | | | |
| | <u>Group-System</u> | | | <u>Mech/Vendor</u> | <u>Work Acc</u> | <u>Part(\$)</u> | <u>Labor(\$)</u> | <u>Hours</u> |
| | 04-13 - BRAKES | | | 001 | | 287.30 | 56.00 | 2.00 |
| 110 | 0000023738 | 04/18/00 | 1552 | 01/01 | 08/03 | | | |
| | 01-PME - PREV. MAINT. | | | | | 18.00 | 0.00 | 0.00 |
| 110 | 0000023941 | 10/12/00 | 1462 | 01/01 | 04/01 | | | |
| | 02-17 - TIRES,TUBES,ETC | | | 002 | | 41.90 | 0.00 | 0.00 |
| 110 | 0000023961 | 10/15/00 | 1462 | 01/01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 18.00 | 7.50 | 0.50 |
| 110 | 0000024045 | 01/09/01 | 3166 | 01/01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 38.13 | 28.00 | 1.00 |
| 110 | 0000024152 | 04/16/01 | 3908 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 18.00 | 7.50 | 0.50 |
| 110 | 0000024389 | 10/09/01 | 5859 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 001 | | 18.00 | 0.00 | 0.00 |
| 110 | 0000024453 | 12/12/01 | 6350 | /01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 19.20 | 56.00 | 2.00 |
| 110 | 0000024603 | 04/12/02 | 7203 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 23.00 | 0.00 | 0.00 |
| 110 | 0000024803 | 10/16/02 | 9600 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 23.00 | 7.50 | 0.50 |
| 110 | 0000024894 | 12/26/02 | 10690 | /01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 60.17 | 28.00 | 1.00 |
| 110 | 0000024971 | 03/04/03 | 11660 | /02 | 04/01 | | | |
| | 04-13 - BRAKES | | | 001 | | 42.95 | 56.00 | 2.00 |
| 110 | 0000025035 | 04/16/03 | 11516 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 001 | | 23.00 | 14.00 | 0.50 |
| 110 | 0000025201 | 08/27/03 | 14525 | /01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 19.60 | 56.00 | 2.00 |
| 110 | 0000025249 | 10/15/03 | 14903 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 23.00 | 7.50 | 0.50 |
| 110 | 0000025303 | 11/20/03 | 15450 | /01 | 08/01 | | | |
| | 01-PMB - PREV. MAINT. | | | 001 | | 0.00 | 84.00 | 3.00 |
| | 01-PMC - PREV. MAINT. | | | 001 | | 26.25 | 28.00 | 1.00 |
| | 09-57 - HYDRAULIC SYS | | | 001 | | 100.00 | 2,940.00 | 105.00 |
| 110 | 0000025361 | 01/29/04 | 16133 | /02 | 04/01 | | | |
| | 06-35 - BATTERY | | | 001 | | 141.33 | 28.00 | 1.00 |
| 110 | 0000025464 | 04/20/04 | 16713 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 001 | | 23.00 | 14.00 | 0.50 |
| 110 | 0000025570 | 07/26/04 | 18550 | 01/01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 4.50 | 42.00 | 1.50 |
| 110 | 0000025682 | 10/15/04 | 20012 | 01/01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 23.00 | 7.50 | 0.50 |
| 110 | 0000025901 | 04/14/05 | 21206 | 01/01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 25.00 | 7.50 | 0.50 |
| 110 | 0000025917 | 04/26/05 | 21480 | 01/01 | 08/01 | | | |

CITY OF DARIEN
Repair Transaction Cost Detail

| Equipment# | Repair Order# | Date | Meter(1) | Shop Loc/ Rep Class | Rep Reason/ Rep Site | | | |
|------------|-------------------------|----------|----------|------------------------|-------------------------|-----------------|------------------|--------------|
| | 01-PMA - PREV. MAINT. | | | 001 | | 30.32 | 28.00 | 1.00 |
| 110 | 0000026138 | 10/20/05 | 23987 | /01 | 08/01 | | | |
| | <u>Group-System</u> | | | <u>Mech/Vendor</u> | <u>Work Acc</u> | <u>Part(\$)</u> | <u>Labor(\$)</u> | <u>Hours</u> |
| | 01-PME - PREV. MAINT. | | | 001 | | 25.00 | 14.00 | 0.50 |
| 110 | 0000026186 | 11/30/05 | 24850 | /01 | 08/01 | | | |
| | 09-57 - HYDRAULIC SYS | | | 001 | | 11.80 | 14.00 | 0.50 |
| 110 | 0000026195 | 12/05/05 | 24970 | /02 | 01/01 | | | |
| | 09-64 - AUGERS & V-BOXS | | | 001 | | 10.00 | 28.00 | 1.00 |
| 110 | 0000026200 | 12/06/05 | 24970 | /01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 63.04 | 56.00 | 2.00 |
| | 07-43 - EXHAUST SYS | | | 001 | | 10.90 | 14.00 | 0.50 |
| 110 | 0000026289 | 02/03/06 | 25650 | /02 | 01/01 | | | |
| | 04-13 - BRAKES | | | 001 | | 42.19 | 28.00 | 1.00 |
| 110 | 0000026436 | 04/28/06 | 25641 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 001 | | 25.00 | 14.00 | 0.50 |
| 110 | 0000026451 | 05/02/06 | 25920 | /02 | 04/01 | | | |
| | 07-43 - EXHAUST SYS | | | 001 | | 9.65 | 28.00 | 1.00 |
| 110 | 0000026471 | 05/16/06 | 25950 | /02 | 04/01 | | | |
| | 07-43 - EXHAUST SYS | | | 002 | | 286.29 | 15.00 | 1.00 |
| 110 | 0000026572 | 06/15/06 | 25990 | /02 | 04/01 | | | |
| | 04-15 - STEERING | | | 001 | | 85.35 | 56.00 | 2.00 |
| 110 | 0000027047 | 10/30/06 | 25902 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 30.00 | 7.50 | 0.50 |
| 110 | 0000027090 | 12/04/06 | 26409 | /03 | 01/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 32.91 | 28.00 | 1.00 |
| | 07-45 - POWER PLANT | | | 002 | | 397.45 | 75.00 | 5.00 |
| 110 | 0000027153 | 02/07/07 | 26990 | /02 | 01/01 | | | |
| | 07-44 - FUEL SYS | | | 001 | | 35.85 | 28.00 | 1.00 |
| 110 | 0000027162 | 02/15/07 | 27398 | /01 | 08/01 | | | |
| | 04-13 - BRAKES | | | 001 | | 14.38 | 56.00 | 2.00 |
| 110 | 0000027186 | 03/01/07 | 27530 | /03 | 01/01 | | | |
| | 07-44 - FUEL SYS | | | 001 | | 5,721.88 | 28.00 | 1.00 |
| | 01-PMA - PREV. MAINT. | | | 001 | | 32.91 | 56.00 | 2.00 |
| 110 | 0000027243 | 04/19/07 | 28600 | /01 | 08/01 | | | |
| | 06-34 - LIGHTING SYS | | | 001 | | 24.04 | 28.00 | 1.00 |
| 110 | 0000027259 | 04/26/07 | 28274 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 001 | | 30.00 | 14.00 | 0.50 |
| 110 | 0000027399 | 08/20/07 | 29670 | /02 | 01/01 | | | |
| | 05-27 - XMISSION AUTO | | | 001 | | 363.20 | 70.00 | 2.50 |
| 110 | 0000027423 | 09/06/07 | 29849 | /02 | 01/01 | | | |
| | 04-15 - STEERING | | | 001 | | 216.14 | 28.00 | 1.00 |
| 110 | 0000027458 | 10/09/07 | 30030 | /01 | 04/01 | | | |
| | 04-13 - BRAKES | | | 001 | | 20.52 | 28.00 | 1.00 |
| 110 | 0000027492 | 10/24/07 | 29940 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 001 | | 30.00 | 14.00 | 0.50 |
| 110 | 0000027512 | 10/30/07 | 30199 | /01 | 08/01 | | | |

CITY OF DARIEN
Repair Transaction Cost Detail

| Equipment# | Repair Order# | Date | Meter(1) | Shop Loc/ Rep Class | Rep Reason/ Rep Site | | | |
|------------|-------------------------|----------|----------|------------------------|-------------------------|-----------------|------------------|--------------|
| | 09-57 - HYDRAULIC SYS | | | 001 | | 34.69 | 14.00 | 0.50 |
| 110 | 0000027562 | 12/04/07 | 30380 | /03 | 01/01 | | | |
| | <u>Group-System</u> | | | <u>Mech/Vendor</u> | <u>Work Acc</u> | <u>Part(\$)</u> | <u>Labor(\$)</u> | <u>Hours</u> |
| | 09-57 - HYDRAULIC SYS | | | 001 | | 0.00 | 56.00 | 2.00 |
| 110 | 0000027565 | 12/06/07 | 30568 | /03 | 01/01 | | | |
| | 09-65 - FLOWS | | | 001 | | 0.00 | 56.00 | 2.00 |
| 110 | 0000027617 | 01/10/08 | 31407 | /02 | 01/01 | | | |
| | 09-57 - HYDRAULIC SYS | | | 002 | | 172.55 | 15.00 | 1.00 |
| 110 | 0000027623 | 01/15/08 | 31433 | /01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 002 | | 32.20 | 15.00 | 1.00 |
| | 01-PMB - PREV. MAINT. | | | 002 | | 0.00 | 15.00 | 1.00 |
| | 01-PMC - PREV. MAINT. | | | 002 | | 151.75 | 15.00 | 1.00 |
| 110 | 0000027629 | 01/23/08 | 31683 | /01 | 08/01 | | | |
| | 02-19 - WHEELS/RIMS | | | 002 | | 25.50 | 15.00 | 1.00 |
| 110 | 0000027700 | 02/07/08 | 33748 | /02 | 04/01 | | | |
| | 01-PMB - PREV. MAINT. | | | 002 | | 40.00 | 30.00 | 2.00 |
| 110 | 0000027795 | 04/10/08 | 33667 | /01 | 08/01 | | | |
| | 02-17 - TIRES,TUBES,ETC | | | 002 | | 1,162.76 | 7.50 | 0.50 |
| 110 | 0000027805 | 04/10/08 | 33629 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 30.00 | 7.50 | 0.50 |
| 110 | 0000028016 | 08/19/08 | 34772 | /01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 002 | | 37.59 | 45.00 | 3.00 |
| | 07-41 - AIR INTAKE SYS | | | 002 | | 44.37 | 7.50 | 0.50 |
| 110 | 0000028059 | 09/16/08 | 34990 | /01 | 08/01 | | | |
| | 06-40 - TURN SIGNALS | | | 001 | | 47.89 | 56.00 | 2.00 |
| 110 | 0000028107 | 10/27/08 | 35082 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 30.00 | 7.50 | 0.50 |
| 110 | 0000028124 | 11/11/08 | 35200 | /01 | 08/01 | | | |
| | 09-64 - AUGERS & V-BOXS | | | 001 | | 0.00 | 56.00 | 2.00 |
| 110 | 0000028182 | 12/22/08 | 36426 | /01 | 08/01 | | | |
| | 06-40 - TURN SIGNALS | | | 002 | | 141.56 | 45.00 | 3.00 |
| 110 | 0000028214 | 01/15/09 | 37600 | /01 | 08/01 | | | |
| | 07-44 - FUEL SYS | | | 002 | | 25.41 | 15.00 | 1.00 |
| 110 | 0000028244 | 02/05/09 | 37810 | /01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 43.38 | 56.00 | 2.00 |
| 110 | 0000028337 | 04/28/09 | 38000 | /01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 002 | | 30.00 | 7.50 | 0.50 |
| 110 | 0000028370 | 05/21/09 | 38576 | /01 | 08/01 | | | |
| | 07-44 - FUEL SYS | | | 002 | | 25.41 | 15.00 | 1.00 |
| 110 | 0000028373 | 05/22/09 | 38590 | /01 | 08/01 | | | |
| | 06-34 - LIGHTING SYS | | | 002 | | 51.25 | 7.50 | 0.50 |
| 110 | 0000028452 | 07/27/09 | 39059 | /01 | 08/01 | | | |
| | 05-27 - XMISSION AUTO | | | 002 | | 0.00 | 7.50 | 0.50 |
| 110 | 0000028469 | 08/03/09 | 39234 | /01 | 08/01 | | | |
| | 09-57 - HYDRAULIC SYS | | | 002 | | 66.24 | 60.00 | 4.00 |
| 110 | 0000028530 | 09/23/09 | 39430 | /01 | 08/01 | | | |

CITY OF DARIEN
Repair Transaction Cost Detail

| Equipment# | Repair Order# | Date | Meter(1) | Shop Loc/ Rep Class | Rep Reason/ Rep Site | | | |
|------------|-----------------------|----------|----------|------------------------|-------------------------|-----------------|------------------|--------------|
| | 06-31 - CHARGING SYS | | | 001 | | 178.00 | 56.00 | 2.00 |
| 110 | 0000028562 | 10/13/09 | 39287 | /01 | 08/01 | | | |
| | <u>Group-System</u> | | | <u>Mech/Vendor</u> | <u>Work Acc</u> | <u>Part(\$)</u> | <u>Labor(\$)</u> | <u>Hours</u> |
| | 01-PME - PREV. MAINT. | | | 002 | | 30.00 | 7.50 | 0.50 |
| 110 | 0000028663 | 12/30/09 | 39611 | 01/01 | 08/01 | | | |
| | 09-57 - HYDRAULIC SYS | | | 001 | | 101.00 | 56.00 | 2.00 |
| | 09-65 - PLOWS | | | 001 | | 50.00 | 28.00 | 1.00 |
| 110 | 0000028680 | 01/13/10 | 41550 | 01/01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 36.98 | 70.00 | 2.50 |
| 110 | 0000028813 | 04/20/10 | 42731 | 01/01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | 001 | | 0.00 | 0.00 | 0.00 |
| 110 | 0000028869 | 06/16/10 | 45094 | 01/02 | 01/01 | | | |
| | 04-15 - STEERING | | | 002 | | 171.70 | 45.00 | 3.00 |
| 110 | 0000029028 | 10/04/10 | 44052 | 01/01 | 08/01 | | | |
| | 01-PME - PREV. MAINT. | | | | | 0.00 | 0.00 | 0.00 |
| 110 | 0000029065 | 11/24/10 | 44250 | 01/02 | 01/01 | | | |
| | 04-13 - BRAKES | | | 002 | | 100.00 | 30.00 | 2.00 |
| 110 | 0000029082 | 12/06/10 | 44853 | 01/02 | 01/01 | | | |
| | 07-44 - FUEL SYS | | | 002 | | 43.91 | 45.00 | 3.00 |
| 110 | 0000029096 | 12/21/10 | 45030 | 01/02 | 01/01 | | | |
| | 05-22 - AXEL REAR | | | 001 | | 514.60 | 70.00 | 2.50 |
| 110 | 0000029098 | 12/27/10 | 45475 | 01/02 | 01/01 | | | |
| | 06-36 - MARS & STROBE | | | 001 | | 115.25 | 28.00 | 1.00 |
| 110 | 0000029127 | 01/26/11 | 46180 | 01/01 | 08/01 | | | |
| | 01-PMA - PREV. MAINT. | | | 001 | | 80.45 | 56.00 | 2.00 |
| | 07-45 - POWER PLANT | | | 001 | | 64.88 | 112.00 | 4.00 |
| | 07-45 - POWER PLANT | | | 002 | | 0.00 | 60.00 | 4.00 |
| | 04-11 - AXEL FRONT | | | 001 | | 602.56 | 56.00 | 2.00 |
| | 04-11 - AXEL FRONT | | | 002 | | 0.00 | 30.00 | 2.00 |
| | 01-PMB - PREV. MAINT. | | | 001 | | 213.00 | 56.00 | 2.00 |
| | 01-PMB - PREV. MAINT. | | | 002 | | 0.00 | 30.00 | 2.00 |
| 110 | 0000029155 | 02/22/11 | 47075 | 01/02 | 01/01 | | | |
| | 04-12 - AXEL REAR | | | 001 | | 514.60 | 84.00 | 3.00 |
| 110 | 0000029190 | 03/30/11 | 47398 | 01/02 | 01/01 | | | |
| | 07-43 - EXHAUST SYS | | | 001 | | 694.38 | 56.00 | 2.00 |
| | 07-43 - EXHAUST SYS | | | 002 | | 0.00 | 30.00 | 2.00 |
| 110 | 0000029237 | 04/28/11 | 47616 | 01/01 | 08/03 | | | |
| | 01-PME - PREV. MAINT. | | | | | 0.00 | 30.00 | 0.00 |
| | | | | Grand Total | | 14,269.01 | 5,897.50 | 233.00 |

VEHICLE MAINTENANCE RECORD

VEHICLE DESCRIPTION 1999 GMC C8500

NO. 110

VIN # 1G0P7H1CXXT513015

| DATE | MILEAGE/HR | DESCRIPTION OF WORK |
|-------|------------|--|
| 2-99 | 140 | BRAKE CONTROLLER TRAILER PLUG |
| 7-01 | 3166 | 2 qt oil, FILTER, LUBE ^{WASH} FUEL, LUBE, ✓ ALL FLUIDS |
| 12-01 | 6350/568 | 20 qt oil, FILTER, LUBE |
| 26-2 | 10690/993 | 20 qt oil, FILTER, AIR, 2 FUEL, LUBE |
| 4-3 | 11660 | REAR AIR CHARGER |
| 7-3 | 14525/1303 | 20 qt oil, FILTER, LUBE |
| 9-3 | 15450 | CHECK BRAKES, DEX III 25 ^{off} SPINNER MOTOR |
| 24-4 | 16130 | 2 BATTERY |
| 26-4 | 18550 | 20 qt oil, FILTER, LUBE |
| 28-5 | 21480 | 20 qt oil, FILTER, LUBE |
| 30-5 | 24850 | HUDA FILTER |
| 5-5 | 21970 | AUGER BEARING |
| 6-5 | 24970 | 20 qt oil, FILTER, AIR, LUBE |
| 3-6 | 25650 | AIR CHAMBER |
| 2-6 | 25920 | MUFFLER CLAMP |
| 16-6 | 25940 | MUFFLER and clamp |
| 15-6 | 25940 | STEERING HOSE |
| 4-6 | 26409 | 20 qt oil, FILTER, LUBE, oil pan |
| 7-7 | 26990 | 2 FUEL FILTER |
| 15-7 | 27394 | Pipe Brake |
| 1-7 | 28530 | 6 INSPECTORS, ADJUST VALVE, 20 qt oil, FILTER |
| 20-7 | 29670 | 2 TRAW, COOLING LINES 7 qt DEX III |
| | 29849 | 1 STEERING SHOCK |
| 30-7 | 30199 | HDA FILTER |
| 6-7 | 30565 | CABLE PLOW |
| 10-8 | 31407 | Plow LIFT CYL |
| 15-8 | 31433 | 20 qt oil, Filter, Air, 16 qt Dex III 2, Fuel. Check Brakes |
| 33-8 | 31683 | DISMOUNT - REMOUNT Tire. |

VEHICLE MAINTENANCE RECORD

VEHICLE DESCRIPTION _____

NO. 110

| MILEAGE/HR | DESCRIPTION OF WORK |
|------------|--|
| 32740 | Air Chamber |
| 33667 | 4. REAR TIRES |
| 34772 | 20 QT. OIL FILTER ^{air} ^{greas} |
| 34990 | LAMP; TURN |
| 35200 | AUGER pump & BEARING |
| 36426 | CANCELLING CAM ^{FOR} ^{TURN} SIGNAL SWITCH |
| 37600 | 2 FUEL FILTER, HIGH PRESSURE OIL SWITCH |
| 38576 | 2 FUEL FILTER |
| 38590 | Lamp |
| 39009 | TRANS STICK |
| 39234 | TRANS HOSE |
| 39430 | ALTER MOTOR |
| 411500 | SPINDLER MOTOR PLOW CABLE |
| 411550 | 20 QT OIL FILTER |
| 43094 | STEERING HOSE |
| 44250 | AIR CHAMBER |
| 44853 | TUBE |
| 45030 | REAR SPRING |
| 46180 | 20 QT OIL FILTER, AIR VALVE COVER GASKET, ^{FRONT} ^{SPRING} |
| 47075 | REAR SPRING & U-BOLTS |
| 47398 | MUFFLER 2. Camp's pipe |

3/29/2011

CITY OF DARIEN

10:59:49 AM

Company Repair Transaction Summary-ROHDLTOD.DAT

Grand Totals

| | <u># Jobs</u> | <u>Req Hrs</u> | <u>O/T Hrs</u> | <u>Labor(\$)</u> | <u>Part(\$)</u> | <u>Total(\$)</u> | <u>%</u> |
|------------------------|---------------|----------------|----------------|------------------|------------------|------------------|---------------|
| <u>by Class</u> | | | | | | | |
| - scheduled | 68 | 185.00 | 0.00 | 4,800.50 | 4,483.92 | 9,284.42 | 46.04 |
| - non scheduled | 20 | 35.00 | 0.00 | 798.00 | 3,599.94 | 4,397.94 | 21.81 |
| - emergency | 6 | 13.00 | 0.00 | 299.00 | 6,185.15 | 6,484.15 | 32.15 |
| Totals: | <u>94</u> | <u>233.00</u> | <u>0.00</u> | <u>5,897.50</u> | <u>14,269.01</u> | <u>20,166.51</u> | <u>100.00</u> |
| <u>by Reason</u> | | | | | | | |
| - BREAKDOWN | 20 | 39.00 | 0.00 | 884.00 | 9,179.52 | 10,063.52 | 49.90 |
| - DRIVER'S REPORT | 8 | 10.00 | 0.00 | 241.00 | 667.99 | 908.99 | 4.51 |
| - PM | 66 | 184.00 | 0.00 | 4,772.50 | 4,421.50 | 9,194.00 | 45.59 |
| Totals: | <u>94</u> | <u>233.00</u> | <u>0.00</u> | <u>5,897.50</u> | <u>14,269.01</u> | <u>20,166.51</u> | <u>100.00</u> |
| <u>by Site</u> | | | | | | | |
| - facility | 92 | 233.00 | 0.00 | 5,867.50 | 14,251.01 | 20,118.51 | 99.76 |
| - outside company | 2 | 0.00 | 0.00 | 30.00 | 18.00 | 48.00 | 0.24 |
| Totals: | <u>94</u> | <u>233.00</u> | <u>0.00</u> | <u>5,897.50</u> | <u>14,269.01</u> | <u>20,166.51</u> | <u>100.00</u> |
| <u>by Equip-System</u> | | | | | | | |
| -PMA - PREV. MAINT. | 14 | 24.00 | 0.00 | 620.00 | 531.38 | 1,151.38 | 5.71 |
| -PMB - PREV. MAINT. | 5 | 10.00 | 0.00 | 215.00 | 253.00 | 468.00 | 2.32 |
| -PMC - PREV. MAINT. | 2 | 2.00 | 0.00 | 43.00 | 178.00 | 221.00 | 1.10 |
| -PME - PREV. MAINT. | 23 | 8.50 | 0.00 | 196.50 | 495.00 | 691.50 | 3.43 |
| -17 - TIRES,TUBES,ETC | 2 | 0.50 | 0.00 | 7.50 | 1,204.66 | 1,212.16 | 6.01 |
| -19 - WHEELS/RIMS | 1 | 1.00 | 0.00 | 15.00 | 25.50 | 40.50 | 0.20 |
| -11 - AXEL FRONT | 2 | 4.00 | 0.00 | 86.00 | 602.56 | 688.56 | 3.41 |
| -12 - AXEL REAR | 1 | 3.00 | 0.00 | 84.00 | 514.60 | 598.60 | 2.97 |
| -13 - BRAKES | 6 | 10.00 | 0.00 | 254.00 | 507.34 | 761.34 | 3.78 |
| -15 - STEERING | 3 | 6.00 | 0.00 | 129.00 | 473.19 | 602.19 | 2.99 |
| -22 - AXEL REAR | 1 | 2.50 | 0.00 | 70.00 | 514.60 | 584.60 | 2.90 |
| -27 - XMISSION AUTO | 2 | 3.00 | 0.00 | 77.50 | 363.20 | 440.70 | 2.19 |
| -31 - CHARGING SYS | 1 | 2.00 | 0.00 | 56.00 | 178.00 | 234.00 | 1.16 |
| -34 - LIGHTING SYS | 2 | 1.50 | 0.00 | 35.50 | 75.29 | 110.79 | 0.55 |
| -35 - BATTERY | 1 | 1.00 | 0.00 | 28.00 | 141.33 | 169.33 | 0.84 |
| -36 - MARS & STROBE | 1 | 1.00 | 0.00 | 28.00 | 115.25 | 143.25 | 0.71 |
| -40 - TURN SIGNALS | 2 | 5.00 | 0.00 | 101.00 | 189.45 | 290.45 | 1.44 |
| -41 - AIR INTAKE SYS | 1 | 0.50 | 0.00 | 7.50 | 44.37 | 51.87 | 0.26 |
| -43 - EXHAUST SYS | 5 | 6.50 | 0.00 | 143.00 | 1,001.22 | 1,144.22 | 5.67 |
| -44 - FUEL SYS | 5 | 7.00 | 0.00 | 131.00 | 5,852.46 | 5,983.46 | 29.67 |
| -45 - POWER PLANT | 3 | 13.00 | 0.00 | 247.00 | 462.33 | 709.33 | 3.52 |
| -57 - HYDRAULIC SYS | 7 | 115.00 | 0.00 | 3,155.00 | 486.28 | 3,641.28 | 18.06 |
| -64 - AUGERS & V-BOXS | 2 | 3.00 | 0.00 | 84.00 | 10.00 | 94.00 | 0.47 |
| -65 - PLOWS | 2 | 3.00 | 0.00 | 84.00 | 50.00 | 134.00 | 0.66 |
| Totals: | <u>94</u> | <u>233.00</u> | <u>0.00</u> | <u>5,897.50</u> | <u>14,269.01</u> | <u>20,166.51</u> | <u>100.00</u> |

INTERNATIONAL*

May 30, 2011

Prepared For:
City of Darien
Dan Gombac
1702 Plainfield Rd.
Darien, IL 60561-5044
(630)852 - 5000
Reference ID: 4x2

Presented By:
PRAIRIE/ARCHWAY INTERNATIONAL TRUCKS, INC
Kevin V Burdell
401 S. DIRKSEN PKWY
SPRINGFIELD IL 62703 -
(217)523-5631

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2012 7400 SFA 4X2 (SA525)

| | |
|---------------------------------|--|
| APPLICATION: | Front Plow and Wing with Spreader |
| MISSION: | Requested GVWR: 33000. Calc. GVWR: 39000 Calc. Start / Grade Ability: 38.00% / 3.06% @ 55 MPH Calc. Geared Speed: 65.3 MPH 7.76 MPG @ 55 MPH |
| FUEL ECONOMY: | |
| DIMENSION: | Wheelbase: 160.00, CA: 85.00, Axle to Frame: 63.00 |
| ENGINE, DIESEL: | {MaxxForce DT} EPA 10, 270 HP @ 2200 RPM, 860 lb-ft Torque @ 1300 RPM, 2400 RPM Governed Speed |
| TRANSMISSION, AUTOMATIC: | {Allison 3000_RDS_P} 4th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max. |
| CLUTCH: | Omit Item (Clutch & Control) |
| AXLE, FRONT NON-DRIVING: | {Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity |
| AXLE, REAR, SINGLE: | {Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends, Driver Controlled Locking Differential Gear Ratio: 6.83 |
| CAB: | Conventional |
| TIRE, FRONT: | (2) 315/80R22.5 UNISTEEL G291 (GOODYEAR) 491 rev/mile, load range J, 18 ply |
| TIRE, REAR: | (4) 11R22.5 G622 RSD (GOODYEAR) 497 rev/mile, load range G, 14 ply |
| SUSPENSION, RR, SPRING, SINGLE: | Vari-Rate; 31,000-lb Capacity, Includes 4500-lb Capacity Multileaf Auxiliary |
| PAINTE: | Cab schematic 100GM Location 1: 3017 Orange (Plow) Chassis schematic N/A |

WHITE

Description

Base Chassis, Model 7400 SFA 4X2 with 160.00 Wheelbase, 85.00 CA, and 63.00 Axle to Frame.

TOW HOOK, FRONT (2) Frame Mounted

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Steel, Swept Back

SPECIAL FRAME PIERCING for Illinois DOT Belly Bar

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille

WHEELBASE RANGE 146" (370cm) Through and Including 195" (495cm)

AXLE, FRONT NON-DRIVING (Meritor MFS-16-143A) Wide Track, I-Beam Type, 16,000-lb Capacity

SPRINGS, FRONT AUXILIARY Rubber

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 16,000-lb Capacity; With Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers

AUXILIARY GLAD HAND CONNECTOR on Air Reservoir

DRAIN VALVE (Berg) Manual; With Pull Chain, for Air Tank

AIR BRAKE ABS (Bendix AntiLock Brake System) Full Vehicle Wheel Control System (4-Channel)

AIR DRYER (Bendix AD-IP) With Heater

BRAKE CHAMBERS, FRONT AXLE (Haldex) 24 SqIn

BRAKE CHAMBERS, REAR AXLE (Haldex GC3030LHDHO) 30/30 Spring Brake

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake

AIR COMPRESSOR (Bendix Tu-Flo 750) 16.5 CFM Capacity

STEERING COLUMN Tilling and Telescoping

STEERING WHEEL 2-Spoke, 18" Diam., Black

STEERING GEAR (2) (Sheppard M-100/M-80) Dual Power

DRIVESHAFT (Dana Spicer) SPL140 in lieu of 1710 Series

EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Outside Right Rail Under Cab; Includes Vertical Tail Pipe and Guard

SWITCH, FOR EXHAUST 2 Position, Lighted & Latching, ON/OFF Type, Mounted in IP, Inhibits Diesel Particulate Filter Regeneration as Long as Switch is in ON Position

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

CIGAR LIGHTER Includes Ash Cup

TOGGLE SWITCH, AUXILIARY and Wiring to Front Bumper, For Driving Lights or Fog Lights Mounted by Customer

SNOW SHIELD (2) Chrome; for Dual Air Horns

ALTERNATOR (Leece-Neville LBP2203H) Brush Type, 12 Volt 160 Amp. Capacity, Pad Mounted

BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

Description

ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Separate Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake accommodation package With Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket

BATTERY SYSTEM (International) Maintenance-Free, (3) 12-Volt 1950CCA Total

2-WAY RADIO Wiring Effects; Wiring With 20 Amp Fuse Protection, Includes Ignition Wire With 5 Amp Fuse, Wire Ends Heat Shrink and Routed to Center of Header Console in Cab

RADIO (International) AM/FM Stereo With Weatherband, Clock, Auxiliary Input, Includes Multiple Speakers

AUXILIARY HARNESS 5.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

BATTERY BOX Steel, With Fiberglass Cover; Mounted 26" BOC, Left Side Perpendicular to Frame Rail

HEADLIGHTS Long Life Halogen; for Two Light System

CLEARANCE/MARKER LIGHTS (5) (Truck Lite) Amber LED Lights, Flush Mounted on Cab or Sunshade

ENGINE SHUTDOWN Automatic; With 30 Second Delay, With International Engines

STARTING MOTOR (Delco Remy 38MT Type 300) 12 Volt; less Thermal Over-Crank Protection

COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side

HORN, AIR (2) Single Tone, Rectangular; Chrome

BATTERY BOX COVER Stainless Steel, Bright Finish

INDICATOR, LOW COOLANT LEVEL With Audible Alarm

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses

FENDER EXTENSIONS Rubber

GRILLE Stationary, Chrome

FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 & 2010 Emissions

PAINT SCHEMATIC, PT-1 Single Color, Design 100

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PAINT CLASS Premium Color.

CLUTCH Omit Item (Clutch & Control)

ENGINE, DIESEL (MaxxForce DT) EPA 10, 270 HP @ 2200 RPM, 860 lb-ft Torque @ 1300 RPM, 2400 RPM Governed Speed

FAN DRIVE (Horton DriveMaster) Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed

RADIATOR Aluminum, Cross Flow, Series System; 1228 SqIn Core and 648 SqIn Charge Air Cooler and 342 SqIn Low Temperature Radiator

FEDERAL EMISSIONS for 2010; MaxxForce DT Engines

AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxForce post 2007 Emissions Electronic Engines

FAN OVERRIDE Manual; With Electric Switch on Instrument Panel, (Fan On With Switch On)

BLOCK HEATER, ENGINE (Phillips) 120 Volt/1250 Watt; With "Y" Cord From Socket in Standard Location, For a Dealer Installed Oil Pan Heater, With Extended Life Coated Metal/Plastic/Metal Material Oil Pan, for 16

Description

EMISSION COMPLIANCE 5 Min., Tamper-Proof Engine Shutdown System, Complies With California Clean Air Regulations, Does Not Certify Engine for Low-NOx Extended Idling

TRANSMISSION, AUTOMATIC (Allison 3000_RDS_P) 4th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.

OIL COOLER, AUTO TRANSMISSION (Modine) Water to Oil, for Allison or CEEMAT Transmission

TRANSMISSION SHIFT CONTROL (Allison) Push-Button Type; for Allison 3000 & 4000 Series Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS Allison Performance Programming in Primary and Allison Economy Programming in Secondary

AXLE, REAR, SINGLE (Meritor RS-23-160) Single Reduction, 23,000-lb Capacity, 200 Wheel Ends, Driver Controlled Locking Differential. Gear Ratio: 6.83

SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 31,000-lb Capacity, Includes 4500-lb Capacity Multileaf Auxiliary

SHOCK ABSORBERS, REAR (2)

AXLE, REAR, LUBE (EmGard 75W-90) Synthetic Oil; 30 thru 39.99 Pints

FUEL TANK STRAPS Bright Finish Stainless Steel

FUEL/WATER SEPARATOR With Thermostatic Fuel Temperature Controlled Electric Heater, and Filter Restriction/Change Indicator, Includes Standard Equipment Water-in-Fuel Sensor

FUEL TANK Top Draw; D Style, Non Polished Aluminum, 19" Deep, 70 U.S. Gal., 265 L Capacity, With Quick Connect Outlet, Mounted Left Side, Under Cab

CAB Conventional

HEATER SHUT-OFF VALVES (1) Ball Check Valve Type, Supply Line

GAUGE CLUSTER English With English Electronic Speedometer

GAUGE, OIL TEMP, ALLISON TRAN

GAUGE, AIR CLEANER RESTRICTION (Filter-Minder) With Black Bezel Mounted in Instrument Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

SEAT, DRIVER (National 2000) Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, With 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

SEAT, PASSENGER (Gra-Mag) Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl

MIRROR, CONVEX, LOOK DOWN (Lang Mekra) Right Side; 6" x 10 1/4", With Bright Finish

MIRRORS (2) (Lang Mekra) Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatic Controlled, Clearance Lights LED, Bright Heads and Brackets

GRAB HANDLE Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar

ARM REST, RIGHT, DRIVER SEAT

AIR CONDITIONER (Blend-Air) With Integral Heater & Defroster

CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator

INSTRUMENT PANEL Center Section, Flat Panel

WINDOW, POWER (2) And Power Door Locks, Left and Right Doors, Includes Express Down Feature

Description

HVAC FRESH AIR FILTER

STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door

CAB INTERIOR TRIM Deluxe

CAB REAR SUSPENSION Air Bag Type

SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral Clearance/Marker Lights

WINDSHIELD WIPER BLADES Snow Type

WHEELS, FRONT DISC; 22.5" Painted Steel, 5 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 9.00 DC Rims; With .500" Thick Disc, Non-Standard Offset and Steel Hubs

WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs

PAINT IDENTITY, FRONT WHEELS (Accuride) Disc Front Wheels; With Vendor Applied (PKWHT21) White Powder Coat Paint

PAINT IDENTITY, REAR WHEELS (Accuride) Disc Rear Wheels; With Vendor Applied (PKWHT21) White Powder Coat Paint

WHEEL GUARDS, REAR (Accuride) for Metric Hub Piloted Wheels with Flanged Mounting Nuts, Mounted Between Hub & Wheel and Between Dual Wheels

(4) TIRE, REAR 11R22.5 G622 RSD (GOODYEAR) 497 rev/mile, load range G, 14 ply

(2) TIRE, FRONT 315/80R22.5 UNISTEEL G291 (GOODYEAR) 491 rev/mile, load range J, 18 ply

(USA DOLLAR)

Description

Price

Net Sales Price:

\$67,285.00

Memo Item(s):

Total Taxes:

\$45.00 Title + \$10 Plates
\$105.00

Note: Memo item(s) shown here are included in the above Net Sales Price.

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING THE PURCHASE OF ONE NEW 2012
INTERNATIONAL MODEL 7400 SFA 4 X 2, 9 TON, CAB AND CHASSIS FROM
PRAIRIE/ARCHWAY INTERNATIONAL TRUCKS INC.
IN THE AMOUNT OF \$67,825.00**

**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 purchase of one new 2012 International Model 7400 SFA 4 x 2, 9 ton, cab and chassis from Prairie/Archway International Trucks Inc. in the amount of \$67,825.00, 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 18th day of July 2011.**

AYES: _____

NAYS: _____

ABSENT: _____

**APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY,
ILLINOIS, this 18th day of July 2011.**

KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY



**New Truck Proposal
Single Axle Dump Truck Specifications**

PRAIRIE ARCHWAY State of Illinois Solicitation # 225684 ~ Contract # PSD4016932

CONTACT NAME Dan Gombac

BUYER INFORMATION City of Darien

ADDRESS 1702 Plainfield Road
Darien, IL 60561

CITY/ STATE/ ZIP 630-852-5000 phone

PHONE/ FAX/ EMAIL

TAX EXEMPT #/ COUNTY

DATE: 6/23/11

Contact: Kevin Burdell
Municipal Fleet Sales
401 S. Dirksen Pkwy ~ Springfield, IL 62703
Ofc: 217-523-5631 ~ Fax: 217-523-0797
Email: kburdell@prairlearchway.com

Please Circle Cab Color:
Red-2303 / IDOT Orange / Omaha Orange
School Bus Yellow / Blue / Blue Met-6E12
Green-604 / White / Black

2012 INTERNATIONAL 7400 SFA 4X2 / 160" WHEELBASE/ 85" CAB TO AXLE
120,000 PSI/ 2,654,000 RBM single frame rail w/ 20" front frame extension
MAXXFORCE DT466 270HP/ 860# TORQUE w/ GRID HEATER
3000RDS Allison 5ix (6) speed trans. w/ T-Handle & External Trans. Cooler
Extended Life Oil Pan/ Transmission TCM mounted inside cab
Transmission temp. gauge/ Hour meter/ Plow light Switch
Warning Lights & Alarm for Low Coolant, Low Oil PSI, Engine Temp.
"Winter/Summer" Air Cleaner w/ In-Dash Filter Minder
Horton Two-Speed Fan Drive/ Front Engine PTO/ Block Heater
14,000# Front axle & suspension w/ 2000# aux. overloads & HD shocks
19,000# Rear axle w/ 23,500# susp. & 4500# rubber aux/ SPL type drivelines
Air Brakes w/ 13.2 compressor/ Bendix air dryer/ DV2 Heated drain valve
Automatic slack adjusters/ Oil bath wheel seals/ Stationary front grille
Trailer brake package w/ 7-way ABS trailer plug/ Bodybuilder wires @ BOC
Tilt & Telescoping steering column/ Leece-Neville alternator/ Delco starter
100 gallon aluminum fuel tank (driver side) w/ fuel water separator
Three (3) Batteries @ 1950 CCA w/ battery box mounted right side BOC
Horizontal muffler mounted under cab w/ vert. exhaust pipe & 36" turn out
Air horn/ Jump start stud/ L.E.D. cab marker lights/ Air ride cab
AM/FM/Weatherband radio/ Air conditioning/ Cigar lighter
Black heated mirrors w/ Black fender mounted convex mirrors
Air ride driver seat w/ arm rest/ Fixed passenger seat/ Daytime lights
12R22.5 Continental HSC (16PLY) STEER TIRES w/ Grey Powder coat wheels
11R22.5 Continental HDR-1 (14PLY) DRIVE TIRES w/ Grey Powder Coat Wheels

Sales price \$62,063.00

Options \$4,692.00 (see attached)

Body price _____

Freight \$425.00

Sub-total \$67,180.00

Trade _____

License/ Title \$105.00

Total \$67,285.00

PLEASE CIRCLE DESIRED GEAR RATIO:
6.14 (73 mph) / 6.43 (69 mph) / 6.83 (65 mph) / 7.17 (62 mph)

Please include copy of tax exempt form w/ your order.
All prices are F.O.B. 401 S. Dirksen Pkwy. Springfield, Illinois
Payment in full is due at time of delivery.

Kevin Burdell- Municipal Fleet Sales Representative

Signature of Buyer

Purchase Order Number (if applicable)

City of Darien
7400 4x2 Options

| | | |
|---|----|-------|
| Tow Hooks (2) front | \$ | 50 |
| 16K Front Axle/Springs (parabolic) | \$ | 1,260 |
| Aux. Glad Hand Connector (on air tank) | \$ | 119 |
| Omit Trailer Air Brake Package | \$ | (248) |
| Electric Trailer Brakes | \$ | 172 |
| Manual Drain Valve | \$ | (55) |
| Bendix Tu-Flo 750 | \$ | 256 |
| Exhaust Switch | \$ | 28 |
| Aux. Toggle Switch | \$ | 34 |
| Chrome Air Horn w/ snow shields | \$ | 263 |
| 2-way radio accomodation package | \$ | 48 |
| Battery Box Location (DBWEL) 26" BOC left side | \$ | 56 |
| Battery Box Cover - stainless steel | \$ | 109 |
| Omit Jump Start Stud | \$ | (39) |
| Long Life Headlamps | \$ | 19 |
| Engine Shutdown | \$ | 109 |
| Courtesy Lights | \$ | 41 |
| Fender Extensions | \$ | 72 |
| Omit Front PTO Adaptor Plate | \$ | (165) |
| Single Air Cleaner w/ snow valve | \$ | (41) |
| 5 minute shutdown timer | \$ | 64 |
| Push Button Trans Shifter | \$ | (172) |
| 23K Rear Axle with Driver Controlled Locking Diff | \$ | 993 |
| 31K Rear Suspension w/ 4500# Auxillary | \$ | 96 |
| Rear Shocks | \$ | 71 |
| Synthetic Rear Lube | \$ | 82 |
| 70 gallon fuel tank | \$ | (148) |
| Bright Fuel tank straps | \$ | 191 |
| Heater Shutoff Valves | \$ | 49 |
| Bright Finish Mirrors w/ Clearance LED's | \$ | 172 |
| Omit Fender Mirrors | \$ | (64) |
| Right Side Look-down Mirror | \$ | 39 |
| Cab Insulation Package | \$ | 61 |
| Power Windows/Locks | \$ | 258 |
| Exterior Sunshade - painted cab color | \$ | 143 |
| Goodyear Tires (31S/80R22.5 G291 & 11R22.5 G622) | \$ | 769 |
| White Powder-Coated Wheels | \$ | - |
| TOTAL OPTIONS: | \$ | 4,692 |

Signature of Buyer

3c +
3d

AGENDA MEMO
Municipal Services Committee
July 5, 2011

ISSUE STATEMENT

1. Approval of a resolution rejecting all the sealed bids for the purchase of Equipment Package-consisting of a dump body, hoist, body options, lighting accessories, hydraulics, controls, snow and de-icing equipment for the 2012 International Model 7400 SFA 4 x 2, 9-ton cab and chassis.

2. Approval of a resolution accepting a proposal from Auto Truck Group for the purchase of Equipment Package-consisting of a dump body, hoist, body options, lighting accessories, hydraulics, controls, snow and de-icing equipment, and Option 1-Chipper Box for the 2012 International Model 7400 SFA 4 x 2, 9-ton cab and chassis, in the amount of \$82,288.

BACKGROUND/HISTORY

The proposed equipment package would be installed on a 2012 International Model 7400 SFA 4 x 2, 9-ton, cab and chassis. The cab and chassis would be purchased from the State of Illinois Joint Purchasing and is covered under a separate agenda memo.

The City staff had opened sealed bids on June 14, 2011, for the Equipment Package. The equipment package consists of a dump body, hoist, lighting accessories, hydraulics, controls, snow and de-icing equipment and Option No 1-chipper box. A new chipper box is required due to the new body style of the truck.

The bid specifications called out for specific brand name equipment for certain items. Upon review of the bids it was determined that Lindco Equipment Sales was the only one who submitted what the City had requested and was also the highest competitive bid. Staff had reviewed the bids and determined that while Lindco Equipment Sales Inc. was responsive to the bid, Auto Truck Group and Monroe Equipment provided alternative equipment that met or exceeded the bid specifications. Lindco was contacted to review the competitor's alternates and they submitted alternative equipment and revised their price. Since the bid called out for certain items, staff is recommending that the bids be rejected and accept the proposal from Auto Truck.

Below are the bid tally results:

| VENDOR | BID TOTAL | ADJUSTED BID |
|-------------------------------|---------------------|----------------------|
| Auto Truck Group | | |
| A. Equipment Purchase | \$ 79,188.00 | N/A |
| B. Option 1 – Chipper Box | \$ 3,100.00 | |
| Total Costs | \$ 82,288.00 | |
| Deduction/Increase | | |
| Lindco Equipment Sales | | |
| A. Equipment Purchase | \$ 89,240.00 | \$ 89,240.00 |
| B. Option 1 – Chipper Box | \$ 4,836.00 | \$ 4,836.00 |
| Total Costs | \$ 94,076.00 | \$ 94,076.00 |
| Deduction/Increase | | (\$ 7,906.00) |
| Adjusted Total | | \$ 86,170.00 |

Equipment Package

July 5, 2011

Page 2

| VENDOR | BID TOTAL | ADJUSTED BID |
|---------------------------|--------------|--------------|
| Monroe Truck Equipment | | |
| A. Equipment Purchase | \$ 82,854.00 | N/A |
| B. Option 1 – Chipper Box | \$ 4,790.00 | |
| Total Costs | \$ 87,644.00 | |
| Deduction/Increase | | |

The proposed expenditure would be expended from the following line account:

| ACCOUNT NUMBER | ACCOUNT DESCRIPTION | FY 11/12 BUDGET | PROPOSED EXPENDITURE | PROPOSED BALANCE |
|----------------|--|-----------------|----------------------|------------------|
| 01-30-4815 | CAPITAL PURCHASES TRUCK REPL UNIT 110- CAB AND CHASSIS | \$163,632.00 | \$ 67,825.00 | \$ 95,807.00 |
| 01-30-4815 | CAPITAL PURCHASES TRUCK REPL UNIT 110- EQUIPMENT PACKAGE | \$ 95,807.00 | \$ 82,288.00 | \$ 13,519.00 |
| 01-30-4815 | CAPITAL PURCHASES TRUCK DECALS | \$ 13,519.00 | \$ 630.00 | \$ 12,889.00 |

STAFF RECOMMENDATION

1. Approval of a resolution rejecting all the sealed bid for the purchase of Equipment Package-consisting of a dump body, hoist, body options, lighting accessories, hydraulics, controls, snow and de-icing equipment for the 2012 International Model 7400 SFA 4X2, 9-ton cab and chassis.
2. Approval of a resolution accepting a proposal from Auto Truck for the purchase of Equipment Package-consisting of a dump body, hoist, body options, lighting accessories, hydraulics, controls, snow and de-icing equipment, and Option 1-Chipper Box for the 2012 International Model 7400 SFA 4X2, 9-ton cab and chassis, in the amount of \$82,288.

ALTERNATE DECISION

As recommended by the Committee.

DECISION MODE

This item will be placed on the July 18, 2011 City Council agenda for formal consideration.

RESOLUTION NO. _____

APPROVAL OF A RESOLUTION REJECTING ALL SEALED BIDS FOR THE PURCHASE OF EQUIPMENT PACKAGE-CONSISTING OF A DUMP BODY, HOIST, BODY OPTIONS, LIGHTING ACCESSORIES, HYDRAULICS, CONTROLS, SNOW AND DE-ICING EQUIPMENT FOR THE 2012 INTERNATIONAL MODEL 7400 SFA 4X2, 9 TON, CAB AND CHASSIS

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 rejects all sealed bids for the purchase of equipment package – consisting of a dump body, hoist, body options, lighting accessories, hydraulics, controls, snow and de-icing equipment for the 2012 International Model 7400 SFA 4 x 2, 9 ton, cab and chassis.

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 18th day of July 2011.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 18th day of July 2011.

KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY

RESOLUTION NO. _____

APPROVAL OF A RESOLUTION ACCEPTING A PROPOSAL FROM AUTO TRUCK GROUP FOR THE PURCHASE OF EQUIPMENT PACKAGE-CONSISTING OF A DUMP BODY, HOIST, BODY OPTIONS, LIGHTING ACCESSORIES, HYDRAULICS, CONTROLS, SNOW AND DE-ICING EQUIPMENT FOR THE 2012 INTERNATIONAL MODEL 7400 SFA 4X2, 9 TON, CAB AND CHASSIS, IN THE AMOUNT OF \$82,288.00

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 rejects all sealed bids for the purchase of equipment package – consisting of a dump body, hoist, body options, lighting accessories, hydraulics, controls, snow and de-icing equipment for the 2012 International Model 7400 SFA 4 x 2, 9 ton, cab and chassis, in the amount of \$82,288.00, 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 18th day of July 2011.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 18th day of July 2011.

KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

CITY OF DARIEN

BID RESPONSE FORM

COMPANY NAME: Auto Truck Group

ADDRESS: 1420 Brewster Creek Blvd.

CITY: Bartlett STATE: IL ZIP CODE: 60103

PHONE NUMBER: 630-860-5600 FAX NUMBER: 630-560-5631

PERSON EXECUTING THE CONTRACT: Brett Wise

TITLE: Municipal Sales Representative

TOTAL PRICE FOR (1) EQUIPMENT PACKAGE INCLUDING ALL PURPOSE BODY, HOIST, ALL BODY OPTIONS, LIGHTING, ACCESSORIES, HYDRAULICS, CONTROLS, PLOW AND PLOW HITCH, FULLY INSTALLED, PER THE ATTACHED SPECIFICATIONS \$79,188.00

OPTIONAL PRICE NUMBER ONE FOR STAINLESS STEEL CHIPPER BOX \$ 3100.00

TOTAL NET PRICE FOR ALL EQUIPMENT INCLUDING OPTION 1: \$ 82,288.00

NUMBER OF DAYS FOR ALL EQUIPMENT TO BE INSTOCK AT YOUR LOCATION, AFTER RECEIVING PURCHASE ORDER FOR CITY OF DARIEN. 84 DAYS

NUMBER OF DAYS FOR UNIT TO BE COMPLETED, ONCE ALL EQUIPMENT AND CHASSIS ARE INSTOCK AT YOUR LOCATION. 60 DAYS

TOTAL NUMBER OF DAYS FOR EQUIPMENT TO BE INSTOCK AND UNIT TO BE COMPLETED, AFTER RECEIVING PURCHASE ORDER FROM CITY OF DARIEN. 144 DAYS

SIGNATURE OF BIDDER: Brett D. Wise DATE: 6/13/11

TITLE: Municipal Sales Representative

THE ABOVE AGREES TO HOLD THE ABOVE PRICING FOR NINETY (90) DAYS.

CITY OF DARIEN

SPECIFICATIONS FOR ALL PURPOSE BODY

COMPLIANCE TO SPECIFICATIONS: The bidder shall indicate their compliance by checking "Yes" or "No" for each item specified. Any space not checked shall be interpreted as non-compliance and will result in disqualification of the bid.

BODY SPECIFICATIONS:

MEET SPECIFICATIONS

DIMENSIONS:

10 feet long

YES NO

Body for 92" useable Cab to Axle

YES NO

96" wide O.D. at top of body

YES NO

96" wide O.D. at bottom of body

YES NO

84" wide I.D. at top of body 86" - ok

YES NO

84" wide I.D. at floor of body 86" - ok

YES NO

36" high sides

YES NO

7.3 yard sides

YES NO

9.5 yard ends

YES NO

BODY SPECIFICATIONS:

MEET SPECIFICATIONS

MATERIALS:

Entire body including understructure must be constructed of "304" stainless steel, except floor.

YES NO

Floor of body must be 1/4" AR400 floor, along with conveyor cover plate.

YES NO

All tailgate linkage, pins and hardware must be "304" Stainless Steel.

YES NO

All add on items to body must be "304" stainless steel. This includes but, not limited to nuts, bolts, washers, ladders, grab handles, mud flaps brackets.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

BODY SPECIFICATIONS:

MEET SPECIFICATIONS

BODY:

All welds on body and all add on items to the body must be continuous welded.

YES NO

Outer floor support - 4"x7.7 lbs./ft. I-Beam on 12" centers - welded directly to rub rails

NOT REQUIRED FOR HEADSHEET BODY
YES NO (1)

All crossmembers and Longmembers must be "304" Stainless Steel

YES NO

7 gauge flanged-formed steel gusset reinforcing outer floor supports to longitudinal (strategically located at inner cross supports for continuous floor support rub rail)

YES NO

Longitudinals - 1/4" formed channel members with 12.5" overall section height x 15.82 lbs/ft., spaced 34" apart (outside dimension), and for simplicity of design also serve as conveyor side members.

NOT REQUIRED FOR HEADSHEET BODY
YES NO (2)

Inner cross supports - doubled (one above the other) on 12" centers between longitudinals, 7 gauge x 2.25 X 3" flange-formed steel, lower cross support is "J" formed for added strength.

YES NO

Floor - 1/4" with formed 45 degree x 4" floor-to-side fit up.

YES NO

SIDES AND HEADSHEET STRUCTURE:

Sides - 7 gauge formed steel with 7 gauge boxed top rail

YES NO

Rear corner posts - 7 gauge formed steel, size 5.75 x 12" integrally welded to 7 gauge x 12" high flange-formed rear apron.

4 3/4 x 12 OK
YES NO (3)

Headsheet - 7 ga formed steel, with doghouse extended into body 9 3/8" by 14 3/8" width for minimum capacity loss.

12" x 12" OK
YES NO (4)

Lower end of doghouse is designed for easy access to hoist mounting hardware from outside of lift structure (for ease of conveyor chain replacement or repair)

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

BODY SPECIFICATIONS:

MEET SPECIFICATIONS

SIDES AND HEADSHEET STRUCTURE:

Sideboard pockets – constructed of 7 gauge steel, and 2.5" wide. *10 gauge 2 1/2 wide* *will meet spec* YES NO *OK D.S.*

Body side supports – 12 gauge x 6" wide channel-formed steel, tapered outward from top rail down to near full width of rub rail section for maximum floor and floor support strength. YES NO

TAILGATE:

7 gauge panel with fully boxed outer edges of 7 gauge formed steel. YES NO

46" High Tailgate *48" ✓* YES NO

Horizontal support members slope outward to eliminate debris buildup. YES NO

Upper hinge pins and lower latch pins – 1.25" diameter YES NO

Upper hinge legs – 1.25" thick with 9" offset so tailgate may be opened without converting feedgate into flat position YES NO

"304" Stainless Steel Spreader chains – 5/16" proof coil YES NO

Latch mechanism – over-center positive lock lever release type with heavy-duty plasma cut latches made of .75 thick AISI 1045 steel. YES NO

Pinned in sliding coal door style feedgate. YES NO

Barn door style double acting tailgate. *To be modified - see att. correspondence - Auto Truck* YES NO (4)

"D" ring must be welded to outside center top of tailgate. *will supply half tailgate at no charge See - email dated 6/25/11* YES NO

CONVEYOR:

34" outside minimum width *28" conveyor ✓* YES NO

2" diameter front and rear conveyor shafts with forged 8" tooth sprockets made of AISI 1045 steel. YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

BODY SPECIFICATIONS:

MEET SPECIFICATIONS

CONVEYOR:

Front and rear ends of longitudinals are fully slotted for easy removal of front and rear conveyor shafts (No need to cut shafts for removal)

YES X NO

2" diameter bore lubricatable flange mounted ball bearings units- quantity (4)

YES X NO

For added ease of removal, front conveyor shaft bearings are held in place with bolts which are screwed into "304" stainless steel nuts. These nuts are welded to the bearings mounting brackets so they cannot turn.

YES X NO

Pintle chain conveyor shall have average ultimate strength of 29,700 lbs. Per strand ie: D-667K (lighter strength chain is unacceptable)

YES X NO

Conveyor flight bars are .5" x 1.5" flat steel bars on every link.

YES X NO

Each crossbar shall be welded on top and bottom to the side link.

YES X NO

Slack in chain is adjusted with 1" diameter threaded take-ups with a minimum of 4" of travel.

YES X NO

.25" removable conveyor floor with .25" floor-end roll over nose pieces.

Not Removable

YES NO X

A plate is provided and is removable

Conveyor must be enclosed underneath to eliminate material dropping onto truck frame and components.

YES X NO

Driven with a torque-arm mounted low speed/high torque hydraulic motor directly coupled to the conveyor shaft (no gear boxes, roller chain, roller chain sprockets or roller chain take-ups not acceptable). At 1500 PSI, torque is 30,510 IN. lbs.

YES X NO

Rear of dump body shall have a pinned-in sliding coal chute style feed gate.

YES X NO

Pins shall be outside of tailgate for trouble free service.

YES X NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

BODY SPECIFICATIONS:

MEET SPECIFICATIONS

CONVEYOR:

Free flow of material shall be restricted at the rear of conveyor by feed gate housing extending forward over conveyor (8) inches from inside surface of tailgate.

YES X NO

Feed gate height shall be adjustable by means of a spring loaded pin and in increments of approximately 1 1/2" to a full open height of 7". *- OK*

YES NO X *(a)*

Feed gate housing shall be secured in tailgate with quantity (4) 3/4" = 1" diameter pins having a 90 degree bent handle.

YES X NO

Pins shall be spring-loaded so they will retain feed gate housing without backing out. *OK*

YES NO X *(b)*

Pins shall also be capable of being independently held open during feed gate housing installation or removal.

YES X NO

A plate shall be furnished to fill the opening in the tailgate when feed gate housing is removed. *OK - NOT REQUIRED*
No need to Remove Feedgate

YES NO X *(c)*

The fill plate shall be installed utilizing same pins as feed gate housing.

YES X NO

A 12" stub conveyor plate shall be furnished and used in conjunction with the tailgate fill plate. *NOT AVAIL. - OK*

YES NO X *(d)*

The cover plate shall have the capability of being bolted at rear of longitudinals and below rear edge of floor to close the opening between the end of the conveyor chain and the inside surface of tailgate. Bolt used through the body floor, causing an obstruction are unacceptable.

YES X NO

REAR SPRINNER:

Chassis frame mounted

YES X NO

Body may be raised with spinner in place (spinner to remain level)

YES X NO

To eliminate corrosion, to reduce material sticking to vanes, to reduce power required to operate, and for easier storage under truck chassis, spinner disc is 20" in dia. and manufactured from polyurethane.

YES X NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

BODY SPECIFICATIONS:

MEET SPECIFICATIONS

REAR SPRINNER:

"Formed vanes" integrally molded onto spinner disk for enhanced spread pattern.

YES NO

Spinner assembly has six inches of vertical adjustment and 8 pinned positions for accurate spread pattern control.

YES NO

Spinner must be "pivoted under-body type" for storage or under material drop zone for spreading 4'-40" spread pattern

YES NO

HOIST:

Lower trunion pins of telescopic cylinder mount into a heavy duty lift frame with capability to adjust vertical position of cylinder between cab and body.

YES NO

Upper trunion pins mount into a heavy duty lift bracket consisting of 1 1/4" lift plates welded to 3/8" formed front plate, which is removable for easy conveyor chain installation or removal.

YES NO

Lift bracket bolts to body front structure which is positively joined to longitudinals for maximum load lifting capacity.

YES NO

Warranty shall be for a minimum of two years.

YES NO

All tubing used in the manufacture of this cylinder shall be honed D.O.M. tubing and must have the corresponding mill spec sheets from the run under which it was produced.

YES NO

After machining, the tubes and glands shall be submerged in a liquid salt bath nitriding process, polished, and submerged a second time to enhance the mechanical properties of the tubing.

YES NO

The nitrided tubes shall have ten times the corrosion resistance of hard chrome plating, twice the fatigue strength of untreated carbon steel tubing, and a Rockwell hardness of C60-C65.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

BODY SPECIFICATIONS:

MEET SPECIFICATIONS

HOIST:

For simplicity and longevity there shall be no brass, or phenolic wear part in the cylinder, the cylinder shall be comprised only of nitrided steel and a seal kit.

YES NO

The seals shall be U-cup type, positioned in the gland nut as a rod seal to wipe against the OD of the tube passing through it.

YES NO

As the cylinder reacts, foreign materials will be removed by means of a wiper.

YES NO

Also located in the gland nut, and the tube will be surrounded by oil below the seal.

YES NO

An outer cover shall enclose the cylinder while not in use.

YES NO

Through means of an oscillating collar near the bottom of the cover, the body can offset 5 to 7 degrees from side to side without side loading the cylinder.

YES NO

The trunion pins on the oscillating collar will provide the means for lifting the body at the bottom which will increase stability.

YES NO

The cylinder shall mount with the largest section at the bottom.

YES NO

Hoist will be double acting with power up and power down.

YES NO

CONVEYOR COVER:

Heavy duty 1/4" AR400 steel plate with steel angle iron supports spaced every 12" full length on bottom plate.

YES NO

Bolts at the rear of longitudinals and rear edge of floor.

YES NO

(Bolts through body floor causing an obstruction is unacceptable).

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

BODY SPECIFICATIONS:

MEET SPECIFICATIONS

CONVEYOR COVER:

Conveyor cover must be raised above the conveyor and will not rest directly on top of the conveyor.

YES NO

TOP GRATE SCREEN:

The main center support shall be constructed of 6" x 9.0 lbs./ft. structural I-beam.

YES NO

Screens shall be constructed of 3/8" diameter steel rods positioned to give a grid work with 2 1/2" openings.

YES NO

Upper hinge edge and sides of screens shall be framed with 3/8" x 2" steel bar positioned on edge.

YES NO

Lower edge of screens shall be framed with 3/8" x 2" steel bar on edge.

YES NO

Grate screens and lift-in/left-out frame shall be removable from body with single center lift point.

YES NO

The frame shall be 1/4" x 4" x 4" structural steel angle at sides and 6" formed steel channel at ends.

YES NO

CAB SHIELD:

One half cab shield

YES NO

PAINTING BODY:

Non painted stainless steel

YES NO

All add-on must be "304" Stainless Steel"

YES NO

3" wide reflectors tape on side rubrail, tailgate of body

YES NO

Grab handle mounted at front on street side.

YES NO

Four rung ladder mounted at front on street side. Lower two rungs of ladder are fold up style.

YES NO

3/4" rebar step/tarp rods mounted on each side full length.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

BODY OPTIONS SPECIFICATIONS:

MEET SPECIFICATIONS

Polished stainless steel full fenders installed over rear tires with all stainless steel mounting brackets and bolts.

YES NO

Mud flaps will be mounted directly to front and rear of full fenders.

YES NO

Step/tarp rod must be continuous welded on both top and bottom on side post of body.

YES NO

Entire underneath of floor on body must be undercoated.

YES NO

Body will be equipped with 10" high, full length stainless steel sideboards installed on each side.

YES NO

Body to be equipped with DC3200 vibrator with switch in cab.

YES NO

Body to be equipped with air tailgate release with control in cab.

YES NO

ELECTRIC TARP SYSTEM

MEET SPECIFICATIONS

Aluminum Roll-up Bar

YES NO

Adjustable Wind Deflector

YES NO

Aluminum Arms

YES NO

New Standard Electric Switch with Reverse DC Contactor

YES NO

"Weigh-Down" tarp system

YES NO

Shop Drawings will be required prior to installation approval

YES NO

PINTLE HITCH SPECIFICATIONS:

MEET SPECIFICATIONS

20 ton pintle hook mounted to 3/4" plate with 3/4" "D" rings

YES NO

Plate must be recessed into the frame rails with gussets to frame on the backside.

YES NO

Entire outer edge of pintle plate must be wrapped with 2" x 3/16" flat stock.

YES NO

Heavy Duty front tow hooks

YES NO

Heavy Duty rear tow hooks

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

LIGHTING AND WIRING SPECIFICATIONS:

MEET SPECIFICATIONS

Electronic back up alarm

YES X NO ___

Body up light mounted in control console.

YES X NO ___

All light switches in the control console must be RESETABLE CIRCUIT BREAKER DESIGN with self-diagnostics.

YES X NO ___

Switches should be the following:

Pump on-off

YES X NO ___

Rotating Light on-off

YES X NO ___

Strobe Lights on-off

YES X NO ___

Alternating Flashers on-off

YES X NO ___

Spreader Light on-off

YES X NO ___

Rear Light on-off

YES X NO ___

There shall be a hydraulic oil low level warning light & a hydraulic high temperature warning light mounted in control console.

YES X NO ___

Lights and reflectors conform to FMVSS108

YES X NO ___

All rear lighting to be LED!

YES X NO ___

All LED marker lights recessed in body

YES X NO ___

LED Stop, tail & turn lights recessed in rear corner post.

YES X NO ___

LED back up lights recessed in rear corner post.

YES X NO ___

LED Standard Chassis S/T/T & Back up Lights must be recessed into rear apron of body.

YES X NO ___

Amber LED strobes recessed into body's rear corner post on each Side.

YES X NO ___

Amber LED strobes recessed into body's rubrail on each side with flasher installed in cab.

YES X NO ___

Amber LED strobes recessed into body's cab shield on each side facing forward front of body with flasher installed in cab.

YES X NO ___

Amber LED strobes recessed into body's cab shield on each side facing outward with flasher installed in cab.

YES X NO ___

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

LIGHTING AND WIRING SPECIFICATIONS:

MEET SPECIFICATIONS

LED light bar installed on cab roof of chassis. Light must be lo-profile design.

YES NO

Aluminum housing designed low-profile plow lights with turn singles mounted on each end, hood mounted to truck.

YES NO

Plow lights mounted using stainless steel mounting brackets and hardware.

YES NO

LED spreader lights mounted at rear on both sides of body.

YES NO

Electric Brake controller with six pin trailer plug socket installed in pintle plate.

YES NO

Sealed Wiring System

YES NO

Weather tight junction box recessed in street side rear corner post

YES NO

Junction box will be mounted to a plate of 7 gauge "304" stainless steel.

YES NO

There must be a gasket mounted between the junction box plate and the rear corner post.

YES NO

All screws, bolts, nuts and washers must be stainless steel

YES NO

All wiring will be one piece

YES NO

All connections will terminate in the rear junction box for all add on lighting

YES NO

Seven wire sealed trailer harness from cab junction box to rear corner junction box.

YES NO

All connections into rear junction box will have electrical eyelet connectors soldered to them.

YES NO

All electrical connections done by equipment installer must be soldered and heat shrunked.

YES NO

All wiring must be installed in loom.

YES NO

All wiring on body must be ran through stainless steel heavy wall conduit.

YES NO

Body up switch must be a Preco SWM43C with light in console.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

Hydraulic system controls must be in service for a minimum of three years with at least ten accounts for references.

YES NO

TRANSMISSION MOUNTED "WET SPLINE" HOT SHIFT PTO/LOAD SENSING PUMP:

Chelsea Model 278XGFJW-B3AF "Wet Spline" Hot Shift PTO with pressure lube hose

YES NO

Rexroth Model KVAA7V080DRS/63R-MS67 Load Sensing TXV 92 pump direct mounted to PTO.

YES NO (11)

OK - DOCUMENTATION Force America PROVIDED

Rexroth pump fitting kit must be furnished.

YES NO (12)

OK - KIT IS INTERNAL

Pump will be a piston, pressure and flow compensated load sensing type.

YES NO

Pump min. displacement of 4.88 per cubic inch revolution at a max. stroke.

YES NO

Operating capability of 3000 RPMS & 3000 PSI.

YES NO

Pump will have 300 PSI stand-by pressure.

YES NO

Cast iron construction.

YES NO

CERTIFIED POWER MODEL MTCA3301MEE3AAXXAB-DS

YES NO (13)

HYDRAULIC RESERVOIR:

Force America - VT 35 - DOCUMENTATION REQUIRED - PROVIDED

Entire reservoir will be constructed of "304" stainless steel.

YES NO

All reservoir mounting brackets and hardware must be "304" stainless steel.

YES NO

HYDRAULIC RESERVOIR:

Reservoir must be Upside down "L" shape design. - OK -

YES NO (14)

35 usable gallon oil capacity.

YES NO

Breather cap should be mounted to an inspection lid.

YES NO

Inspection lid will also have a tank mounted return line filter with #P77-7004 gage.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

HYDRAULIC RESERVOIR:

Breather cap fill neck must be screened.

YES NO

Reservoir shall be complete with a sight temperature gauge with a metal protective shield.

YES NO

Reservoir will incorporate a magnetic drain plug.

YES NO

Suction port will have a 2" NPT 50 GPM suction screen.

YES NO

Suction screen will have a 3 to 5 PSI by-pass spring.

YES NO

Reservoir will be constructed of 10 gauge steel.

YES NO

As an integral part of the reservoir, there shall be a area for mounting of the hydraulic stack valve.

YES NO

Reservoir must be template style for bulkhead "through mounting of the valve and be completely free from internal tubing or hoses from the work ports and inlet of the valve.

YES NO

Valve must be removable as a unit with template through the top of the reservoir for service and accessibility.

YES NO

Valve compartment area will have a drain tube of at least 1-1/4" in diameter and be placed to the front side of the reservoir and incorporate an angle base below the valve to allow fluid and condensation to flow easily to the drain tube area.

YES NO

There shall be three additional side access panels for further service and accessibility.

YES NO

All panels must have formed gaskets and be weather sealed with bottom welded mounting nuts for panels.

YES NO

All panels and valve plate to be secured with stainless steel bolts.

YES NO

Assembly will be designed to accommodate all valves controls, mechanical cables and electrical.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

HYDRAULIC RESERVOIR:

Electrical and cable connections shall be made via bulkhead connectors on the front (cab) side of the reservoir through the front panel.

YES NO

Hydraulic hose connections shall be made through the top of the valve plate for easy access.

YES NO

Reservoir must be symmetrical and capable of mounting on either side of the truck.

YES NO

Ball valve mounted between tank and suction line.

YES NO

CONTROL VALVE:

Hydraulic Stack Valve

The valve shall be of a mobile stackable design load sensing type.

YES NO

The valve shall be all cast iron design and all sections must be of the same valve series.

YES NO

The valve shall be capable of a nominal 35 GPM with published flow curves to 40 GPM.

YES NO

The valve must be pressure and flow compensated.

YES NO

Changing a valve section from single to double acting is done by replacing a shuttle cartridge.

YES NO

Inlet and outlet ports to be 1" o-ring, all working ports shall be 3/4" o-ring.

YES NO

Valve to be arranged as follows:

Inlet cap with top ported pressure and tank, and side ported load sense port.

YES NO

Double acting cylinder spool for hoist, proportional 12VDC operated, with spring return to neutral, and 500 Psi down side relief with manual overrides on coils.

YES NO

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

CONTROL VALVE:

Hydraulic Stack Valve

Double acting cylinder spool for plow lift, proportional 12VDC operated with spring return to neutral. Pressure compensated 0-11 GPM main spool. Plow float shall be incorporated and controlled by console.

YES X NO

Double acting cylinder spool for plow left/right, proportional 12VDC operated with spring return to neutral. Pressure compensated 0-11 GPM main spool. Coils shall have manual overrides.

YES X NO

Single acting 0-15 GPM spool for feeder, proportional 12VDC spring to center with manual override.

YES X NO

Single acting 0-7 GPM spool for spinner, proportional 12VDC spring to center with manual override.

YES X NO

Valve shall have pressure transducer installed to show pressure on control system display in cab.

YES X NO

Certified Power ACV-LS12 valve, no exceptions.

YES NO X (H)

"TPE" Wiring Specification

*Force America Add-a-Fork
OK - SPEC PROVIDED*

All cabling for the hydraulic system must meet the following requirements.

YES X NO

Wiring and harness system should meet ISO rating IP68 and NEMA 6.

YES X NO

The connectors should be zinc die cast E-coated, similar to a MIL spec connector.

YES X NO

Each should have three sealing points- the lock, ring itself, a raised portion of the molded plastic around each pin, and a viton O-ring that seals the whole connector.

YES X NO

The cable jacket should be TPE- thermoplastic elastomer, and molded to the connectors.

YES X NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

"TPE" Wiring Specification

Connectors and harness should be rated and tested for a temperature range from - 30C to + 70C.

YES NO

Connectors should be tested to be water tight when submerged in 6' of water for 24 hours, in 275' of water for 1 hour, and when subjected to a 1000-psi pressure wash.

YES NO

The connectors should be designed to have NO corrosion after 500 hours in a 35C salt spray.

YES NO

Cabling should be rated excellent in low temperature flexibility and in its resistance to oxidation, heat, oil, weather, sun, ozone, abrasion, electrical priorities, flame, water, acid, alkali, gasoline, benzol, toluol, degreaser solvents, alcohol, and weld slag.

YES NO

Component Technology TPE Yellow Jacket cables no exceptions

YES NO

CONTROL SYSTEM:

The intent of this specification is to describe a complete control system that operates on a CAN Bus

YES NO

The system communicates over a CAN Open system bus using CAN Open protocol and not a proprietary communication protocol.

YES NO

The system shall consist of four primary modules that reside on the Bus and allow flexibility in mounting configurations.

YES NO

The system is completely expandable and allows for additional modules to be added to the CAN Bus.

YES NO

All four primary components of the system are software upgradeable using a laptop and an interface cable.

YES NO

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

CONTROL SYSTEM:

The configuration file of a calibrated system can be saved for transfer to other systems or as a backup providing the ability to use specific configurations for varying vehicle use or operator skill level.

YES NO

The original configuration is maintained at the factory as a secondary backup and is traceable by part number.

YES NO

The in-cab control system panel can support up to 10 rocker switch inputs and up to 4 joysticks.

YES NO

The system panel can be positioned over a 360 degree rotation and 4 inches of vertical travel on its mounting tube.

YES NO

Display

The display shall be a minimum 4" x 6" TFT LCD graphic display with auto dimming backlight, user adjustable position, and Ethernet port for accessing a built in Web server.

YES NO

The Web server can be used to configure or troubleshoot a system by connecting to a PC.

YES NO

Interface shall utilize Internet Explorer and not require any proprietary software to connect to the system.

YES NO

The display provides a built in diagnostic feature allowing technicians to view all input signals real time.

YES NO

The display also provides error logging and system status change logging for reviewing operator inputs.

YES NO

The display automatically resizes to provide maximum readability with varying display content.

YES NO

A status window provides the operator with system status messages.

YES NO

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

CONTROL SYSTEM:

The display shall incorporate "soft key" switches that are defined by the system program via the display.

YES X NO

The keys shall include a "plus" pattern navigation buttons used to navigate in the system software easily.

YES X NO

When configured the display will incorporate granular rates, both prewet and antiice rates, antiice lane indication, road/air temperature, hydraulic pressure where designated, system status, error messages, plow float indication, auto/manual mode indication and material currently being used.

YES X NO

Active functions that are not in use shall show "off" and the graphic be "grayed out" for ease of operator interpretation.

YES X NO

Operator Panel

The operator panel shall be of molded silicone rubber keypad utilizing high life magnetic snap action switches and three high life magnetic 16 position detented encoders used for Rate, Lane and Liquid control separately.

YES X NO

The detented encoder positions will be user programmable as to the value of each increment in the setup menu.

YES X NO

The operator panel provides input capabilities to support RS232, RS422, truck speed input, and multiple digital I/O.

YES X NO

The panel shall have provisions for the Roadwatch Road Air temperature sending unit.

YES X NO

The panel has built in LED backlighting that automatically dims with the display for night viewing.

YES X NO

The operator panel shall incorporate the already integrated functions of blast and pause.

YES X NO

The panel shall also incorporate mode, product and select switches integrated in the panel.

YES X NO

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

CONTROL SYSTEM:

Valve Driver Module

IP68 sealed assembly shall be mounted to the valve enclosure providing both interior and exterior electrical connections. The valve driver module drives up to 14 PWM channels, accepts a 4 – 20mA input, 4 closed loop feedback signals, and multiple digital inputs.

YES NO

All PWM outputs are software configurable and can be controlled by closed loop operation, proportional input devices, or digital input devices.

YES NO

The module has built in over temperature shutdown, over current shutdown, and low voltage shutdown.

YES NO

All electrical connections are IP68 sealed when mated utilizing threaded connections for positive retention.

YES NO

The valve driver module will reside on the BUS as the "master" and all truck values and configurations will be saved in this module.

YES NO

Control System Software

The system shall incorporate three levels of security and access that is password protected and defined by the user.

YES NO

The three levels of access called Operator, Technician and Administrator shall give the user varying levels of access to the system setup, data, configuration fields and parameters based upon access given.

YES NO

The "Administrator" shall have full access to all menus in the system and have the ability to make system configuration changes as well as system parameter changes.

YES NO

Spreader and liquid functions when controlled utilizing closed loop feedback will incorporate an "auto trim" feature that will allow the system to automatically set the PWM minimums and maximums when engaged.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

CONTROL SYSTEM:

The controller will have the ability to operate in either open loop or closed loop feeder operation.

YES NO

In the event of a feeder sensor failure, the control will revert to open loop operation

YES NO

The system will detect a "Low Oil" condition and automatically shut down the hydraulic pump to protect the pump and PTO.

YES NO

The console will have a "Low Oil Override" switch to allow the operator to override the low oil shut down in order to operate a hydraulic function.

YES NO

The software shall incorporate a "test speed" mode for use in testing the system safely without requiring the truck to be moving or the drive axles engaged.

YES NO

Console Design

Console shall be a totally modular control arm design for a variety of joystick controls, spreader controls and switch configurations.

YES NO

Shall be a total control system with a 100% proportional 3-axis joystick.

YES NO

The Uni-Grip joystick shall have the following features.

YES NO

Must have X, Y & Z axis that are 100% proportional.

YES NO

Shall have 6 thumb activated push buttons for selecting functions such as, hoist, snow plow, sander blast, spot spread, underbody plow and wing plow.

YES NO

Shall be able to control 3 valve functions simultaneously.

YES NO

Proportional control of up to 12 bi-directional valves.

YES NO

Must have safety trigger control protection for all valve functions.

YES NO

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

CONTROL SYSTEM:

Shall have room for up to 18 auxiliary switch functions that control 15A relays protected with automatic reset breakers.

YES X NO

Armrest style console shall be fully adjustable to accommodate automatic or manual transmissions, and mount like it part of the driver's seat.

YES X NO

Unit shall be completely powder-coated Black in color.

YES X NO

Unit shall be fully adjustable left to right.

YES X NO

Six auxiliary switches shall be the TouchGuard design.

YES X NO

When switches get power they shall light in the color green, when they are activated they shall turn red.

YES X NO

Switches shall be programmable for either maintained or momentary without changing the switch itself.

YES X NO

Switches shall be capable of sensing a ground fault with the circuit it is running.

YES X NO

Unit shall come with full schematic documentation.

YES X NO

Switches shall control Warning Lights, Rear Strobe, Cab Light, Plow Float, and Pump Override.

YES X NO

Indicators for Low Oil, Hot Oil, Body Up, and Change Filter shall be on the in cab display stating the condition in English. Indicator lights will not be accepted.

YES X NO

Road Watch System:

Chassis shall be equipped with a Road Watch system integrated with the control system and displayed on the in cab spreader control display.

YES X NO

Unit's sensor shall be mounted on mirror assembly on driverside

YES X NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

CENTRAL HYDRAULIC SYSTEM SPECIFICATIONS:

MEET SPECIFICATIONS

WIRING, HOSES AND FITTINGS:

All fittings must be JIC hydraulic fittings.

YES NO

All hydraulic hoses must be protected with "Stainless Steel" abrasion resistance hydraulic hose sleeving with "Heat Shrink" ends. - OK - Revisit w/ LINDO

YES NO (10)

This sleeving must run full length of each hose from fitting to fitting. - OK Revisit w/ LINDO.

YES NO (11)

All wiring will be routed in such a manner to prevent pinching and sharp corners.

YES NO

All connections to valves and sensors will be made with high quality components and protected with dielectric grease.

YES NO

All wiring of length will be tied up to prevent sagging.

YES NO

Wire looms passing into the cab will be sealed to prevent the outside environment from entering the cab.

YES NO

All hoses will be routed away from pinch points, areas of extreme heat and will be protected from sharp corners.

YES NO

All hosing must be a minimum two (2) braid.

YES NO

All necessary hoses and fittings must be included for proper operation of all components.

YES NO

Front plow angling & lift cylinder hoses and all spreader hoses will all be equipped with quick couplers with dirt caps.

YES NO

All spreader quick couplers will be installed through the pintle plate at the rear with a heavy duty steel guard above them for protection.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

HEAVY DUTY FRONT BUMPER:

MEET SPECIFICATIONS

LESI Model 92805 Heavy Duty Front Bumper *ATG Model 1 OK*

YES ___ NO X (10)

Front bumper will be will width of truck, 8" high, 4" deep and 1/2" thick.

YES X NO ___

Front bumper will have end caps on each side with all corners rounded.

YES X NO ___

Front bumper will be painted to match cab of truck.

YES X NO ___

TRUCK MOUNTED PLOW PUSH FRAME SPECIFICATIONS:

MEET SPECIFICATIONS

PLOW HITCH:

WAUSAU (Model TQC Quick Hitch) BRAND ONLY, *Henderson*
"NO EXCEPTIONS" *OK - WILL FIT ALL PLOW SEE SPEC.*

YES ___ NO X (13)

Hitch must match all Quick hitches in City of Darien fleet

YES X NO ___

LIFT CYLINDER:

4" x 10" double acting lift cylinder

YES X NO ___

TRUCK MOUNTED PLOW PUSH FRAME SPECIFICATIONS:

MEET SPECIFICATIONS

TRUCK MOUNTING BRACKETS:

Push frame will be mounted with 1/2" side plates.

YES X NO ___

Side plates will extend approximately 4' back from bumper on frame

YES X NO ___

Side plates will have front and rear cross bracing.

YES X NO ___

Hitch painted Black

YES X NO ___

SNOW PLOW SPECIFICATIONS:

MEET SPECIFICATIONS

WAUSAU BRAND ONLY, HOME SAFE POWER REVERSIBLE *MANUFACTURED BY WAUSAU*
TRIP EDGE SNOW PLOW WITH POLYMER MOLDBOARD *OK*
ONLY, NO EXCEPTION *American Snowplows from Wausau*

YES ___ NO X (14)

GENERAL:

Plow cannot be a copy. It must be in manufacturer for a minimum of ten (10) years with a proven track record.

YES X NO ___

*HENDERSON PLOW
SEE - EMAIL DATED 06/30/11
DA*

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

SNOW PLOW SPECIFICATIONS:

MEET SPECIFICATIONS

These specifications describe a Power Reversible Trip Edge snow plow which shall be built from new material and definitely suited for continuous work under difficult conditions of snow removal.

YES NO

MOLDBOARD ASSEMBLY:

The moldboard shall be not less than 42" high nor less than 11' long.

YES NO

POLYMER MOLDBOARD:

The sheet shall be formed from polyethylene material, which is made from new resin (recycle material is not acceptable), and must be color impregnated and ultra violet stabilized to a "Schmidt Blue" pigmentation.

Handwritten notes:
HENDERSON
Plow
American
300 Plows
S. A. H. OK
ORANGE

YES NO (2)

It shall be welded to a frame work which includes not less than ten (10) steel reinforcing ribs at least 3/8" thick and 3.5" wide and a lower moldboard reinforcement from not less than 4" x 3" c 1/2" steel angle so as to form a rigid structure.

Handwritten notes:
1/2" OK - NOT SIGNATURE

YES NO (1)

The upper portion of the moldboard shall project over the cutting edge so as to form a continuous solid, integral snow shield and shall include an upper reinforcement from not less than 3" x 2.5" x 3/8" steel angle.

YES NO

CUTTING EDGE:

Shall be one (1) in number and shall be from 5/8" x 8" C1065 steel, punched to AASHO standards on 12" centers and supported by a reinforcement from not less than 4" x 4" x 3/4" steel angle.

YES NO

The cutting edge shall be top punched.

YES NO

TRIPPING EDGE MECHANISM:

Shall be of the single edge design, which shall activate whenever the cutting edge comes into contact with an obstruction on the pavement.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

SNOW PLOW SPECIFICATIONS:

MEET SPECIFICATIONS

TRIPPING EDGE MECHANISM:

Trip activation shall be achieved through (5) torsion springs from not less than 3/4" square wire, having a 3-3/4" O.D. with fifteen (15) active coils each.

YES NO

Each spring shall be pinned in place in a horizontal position and shall butt to the lower moldboard reinforcement and to the cutting edge reinforcement.

YES NO

Spring adjustment shall be provided so as to alter the precharge of springs for varying plowing conditions.

YES NO

The drive frame and reversing mechanism shall consist of an "A" frame, a truss and two (2) single acting hydraulic cylinders with 4-1/2" O.D. and 3-1/2" bore x 16 stroke with 3" O.D. rod.

YES NO

Each cylinder shall have 3-1/2" bore pistons, which terminate with 2-1/2" diameter connecting lugs.

YES NO

Both the rods and lugs shall be from case hardened, chrome plated steel and shall be protected by a hydraulic cushion valve.

YES NO

The "A" frame shall be a triangular weldment with 3/8" thick steel plates (top and bottom), a rear member from not less than 1" thick steel plate and two (2) center reinforcements from not less than 3/8" thick steel plate, so to form a boxed center section.

YES NO

The height of the boxed center section shall be 5-3/4".

YES NO

The truss frame shall include a main drive member from 4" square tubing with 3/8" wall. The truss frame shall pin to the moldboard at not than 4 points over a span of not less than 82" and shall include tow (2) moldboard braces made from two(2) inch square tubing with 1-1/8" diameter attaching pins which allow for alternate moldboard positioning.

YES NO

Moldboard and truss frame pivot about the "A" frame on a lubricated pin, not less than 2-1/2" in diameter, up to 37 degrees either side of the chassis center line.

YES NO

CITY OF DARDEN - EQUIPMENT SPECIFICATIONS

SNOW PLOW SPECIFICATIONS:

MEET SPECIFICATIONS

TRIPPING EDGE MECHANISM:

The pin shall be designed in such a way that it will be easily removed for maintenance.

YES X NO

This arrangement shall be of a design, which prohibits plow list, when the moldboard is angled in the carry position.

YES X NO

PAINT:

Individual completed sections of the plow assembly should be shot-blasted, cleaned, primed with "low VOC" (FREE OF CHROMATES AND LEAD) Yellow oxide primer.

YES X NO

SPRAY GUARD:

Shall bolt to the top moldboard flange or reinforcement.

YES X NO

It shall consist of a 12" wide x 3/8" thick rubber belt, metal retaining strap and necessary mounting hardware.

YES X NO

MOLDBOARD SHOES:

The cutting edge shall be fitted with two (2) fabricated steel moldboard shoes.

YES X NO

Each moldboard shoe shall offer a minimum of 40 sq. in. of bearing surface and shall attach to the underside of the cutting edge reinforcement.

YES X NO

CURB SHOE:

An additional bumper shall be supplied at each end of the moldboard (qty.2).

YES X NO

They shall be from a minimum of 3/4" x 6" steel, shall bolt at the cutting edge face and shall project 1" outside each end of the cutting edge.

YES X NO

OTHER OPTIONS:

Adjustable crank down style Plow jack installed on snowplow

YES X NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

SNOW PLOW SPECIFICATIONS:

MEET SPECIFICATIONS

OTHER OPTIONS:

Mail box cut out on curb side of plow

YES NO

36" flexible plow markers

YES NO

STAINLESS STEEL CLEANING

MEET SPECIFICATIONS

All stainless steel welds must be cleaned by using a Dynaflux Machine and process.

YES NO

All stainless steel items must be entirely wash/cleaned by using a acid wash for stainless steel cleaning.

YES NO

All stainless steel items must be cleaned prior to installing them on the chassis.

YES NO

REAR OBSERVATION SYSTEM

MEET SPECIFICATIONS

MONITOR:

7" Active Color Flat LED Screen monitor.

YES NO

Wireless remote control.

YES NO

Normal/mirror image selectable.

YES NO

Two (2) camera capacity.

YES NO

Universal mounting bracket & hardware.

YES NO

City of Darien must approve mounting.

YES NO

On screen display for color, tint, and brightness

YES NO

CCD compact heavy duty color camera.

YES NO

Weather resistant.

YES NO

Built in microphone.

YES NO

Wide angle 115.5 lens

YES NO

Shock and vibration resistant

YES NO

Built in LED night vision function.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

REAR OBSERVATION SYSTEM

MEET SPECIFICATIONS

MONITOR:

Special design camera box for protection.

YES NO

Built-in circuit protection.

YES NO

MSF Model 847-0037-000 & 847-0040-000 Camera wash system complete or approved Equal

YES NO

SPECIAL EQUIPMENT SPECIFICATION NOTES:

MEET SPECIFICATIONS

Equipment dealer must have a 24 hour, seven days a week emergency phone number for parts, service or any help needed during a break down.

YES NO

All other equipment must have a Full One (1) Year Warranty.

YES NO

A letter from the equipment dealer stating all warranties must be furnished in writing at time of bid, for bid to be considered.

YES NO

The equipment vendor shall schedule a site meeting for The City staff to view critical stages as required. There shall Be a minimum of two (2) site visits.

YES NO

Literature must be furnished on the following:

All Purpose body

YES NO

Snowplow

YES NO

Spreader

YES NO

Hydraulic Components

YES NO

Tarp System

YES NO

Equipment Warranty Letter

YES NO

Chipper Box

YES NO

YES NO

All items must be checked off and filled out in there entirety for bid to be considered, failure to do so will constitute a incomplete bid.

YES NO

CITY OF DARIEN - EQUIPMENT SPECIFICATIONS

OPTIONAL EQUIPMENT:

STAINLESS STEEL CHIPPER BOX

YES X NO

48" High from the side board box

YES X NO

The bottom 24" of the sides are vertical then it is sloped
To meet the top as depicted in the picture

YES X NO

The top panel is 60" wide and 10' long (length of the dump body)

YES X NO

Venting shall be included as 4-inches by 16-inches minimal
2 per side and 2 on top

YES X NO

GENERAL NOTES:

The Cab & Chassis will be a 2012 International Model 7400 SFA 4 x 2. The proposed vendor will be determined through the State of Illinois Joint Purchasing program. The awarded Equipment Package vendor shall be responsible for arranging delivery to and from the awarded cab & chassis vendor.



1420 Brewster Creek Blvd. – Bartlett, IL 60103

(630) 860-5600 Fax (630) 860-5631

Auto Truck vs. Darien Specification

body

I think the burden of proof lies on Swenson to prove that body width or height has anything to do with body strength. We feel the strength of the body is determined in the design of the body and should be a non issue. Our body is a true dump not a spreader. ✓

Same as above

Cross members are not needed in the Henderson design. Cross members create pockets on the floor over time which will affect clean out. The rear tie plate on Henderson units provide more than adequate support. Henderson was the first to implement cross member less construction and has hundreds/thousands in the field over the past 20 years. ✓

Swenson's information is incorrect, Henderson does use formed longitudinal. These are manufactured, trapezoidal constructed from 3/4" inner and outer is 7 gauge.

1" Narrower rear corner post has not affected the strength of our body that we have been using on our bodies for over 20 years.

The size of our doghouse WILL NOT reduce capacity by a 1/4 of a yard. It is only approx. .01 yard reduction compared to dimensions given on Swenson spec

The board pocket gauge is really a non issue

Board pocket width is really a non issue. If they need to be 2.5" Henderson will accommodate at no charge as long as it is noted at the time of order - NOT NECESSARY

Henderson doesn't I feel that a barn door tail gate will satisfy the customer's expectations. A opening in the tail gate for the conveyor could cause a major area of weakness. With the barn door open the chips will not stay in the body. With the Henderson body you can drop the top of the tailgate like you



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are currently doing. Another solution is to provide a half tailgate to use when you are chipping. This option would cost \$ 1,300.00.

10. No response to this since our chain is adequate
11. There should be no need to remove the conveyor floor.
12. Feed gate is adjustable. If it wasn't adjustable it would be a solid sheet of steel or hole in the tail gate
13. Our feed gate slides in slides and does not need to be pinned in.
14. Unsure of what they are calling a fill plate. ✓
15. Unsure of what they are calling a 12" stud plate ✓

ADDITIONAL NOTES:

Henderson has also supplied numerous bodies to Chicago and surrounding area for many years.

It is true the Flat Floor MUNI is a new product which is a combination of 2 existing products we have built for many years. (combination of a dump body and a MUNI body) this should be a non issue. ✓

The flat floor Muni is not a cheaper version of Swenson or any other manufacturer. It is a high quality unit at a value added price. The Swenson is a V-box spreader with a hoist.

Henderson Products is located in Manchester Iowa which is considered to be Northeast Iowa. It is located approximately 4 hours from Chicago and with Auto Truck as our dealer in Bartlett IL. this should be a non issue. ✓

It is true that Swenson is currently being used in your fleet but Henderson is also in your fleet. ✓

It is true that the conveyor chain is a different size, but this should be a non issue, how many chains does the city have to replace? We have bodies that are over 10 years old and have never changed the conveyor chain. It can be adjusted and you can remove links if needed.



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If there is a chain issue Henderson has a quick turn around and there should be no stocking issues.

Vertical side bracing will eventually cause wash boarding on the sides which will create clean out issues. A horizontal brace is better since it will still allow material to flow from front to rear without vertical pockets for material to hang up in.

Our spinner design allows the spinner to be removed or installed easily. If you are using the unit as a dump body you should not need to have the spinner installed. With a pintle plate or brake chamber located at the rear this should be a non issue.

removed

Central Hydraulics

Exception# 16 & 17

- 16 Certified Power Pump Furnishing a Force America pump TXV92 is a smaller pump
- 17 Certified Power pump fitting kit Auto truck is not furnishing a pump fitting kit

FORCE America bid a 92CC pump which is larger than the pump called for on the spec. The Certified Power pump is only 80CC. FORCE America is also supplying a pump fitting kit with the pump. The 92CC pump will provide 20.7 GPM at 1000 engine RPM while the 80CC pump will only provide 18 GPM.

Exception# 18

- 18 Certified Power Reservoir Force America Fill A valve reservoir

FORCE America bid our VT-35 combination reservoir/valve enclosure.

Exception# 19

- 19 Upside down "L" Shape Design Not offered by Auto Truck

The FORCE America VT-35 is a standard "L" (not inverted) shape with removable lid.

Exception# 20

- 20 Breather cap mounted to inspection lid They checked YES, but per the literature and model #, the unit quoted required the inspection lid to be removed to get to breather cap

Our inspection lid is easily removed without the use of any tools by one person. It is our opinion that this exceeds the specification because the breather is protected from the elements.

Exception# 21

- 21 Inspection lid to have a tank mounted filter They checked YES, but per the literature and model #, the unit quoted required the inspection lid to be removed to get to filter.



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(630) 860-5600 Fax (630) 860-5631

Our inspection lid is easily removed without the use of any tools by one person. It is our opinion that this exceeds the specification because the tank mounted filter is protected from the elements.

Exception# 22

22 No internal hoses in valve enclosure

They checked YES, but per the literature and model #, the unit quoted showed all types of hoses inside valve enclosure. This is harder to maintain.

Our hoses exit the bottom of the valve and exit the enclosure through the underside of the VT-35 to the inside of the frame rails. This protects all of the fittings from corrosion. The plate which the valve is mounted on is easily folded forward by removing two bolts which provides access to all hose ends and fittings.

Exception# 23

23 Valve shall be removable through template

They checked YES, but per the literature and model #, this feature is not offered.

The valve plate which the valve is mounted to is easily removed via two bolts and two cotter pins thus allowing removal of the entire valve once the hydraulic lines are disconnected. The VT-35 **does not** have to be removed from the chassis.

Exception# 24

24 Drain tube

They checked YES, but per the literature and model #, this feature is not offered.

The VT-35 does not require a drain tube as we use a passive seal technology and the enclosure will drain automatically. Passive seal allows the enclosure to breathe and dry while keeping corrosive liquids out. The use of a gasket will trap in any moisture or corrosive liquids and allow it damage the valve as it will never dry out.

Exception# 25

25 Three additional side panels

They checked YES, but per the literature and model #, this feature is not offered.

When the lid is removed from the VT-35, three sides, the top and the bottom of the valve are accessible.

Exception# 26

26 All panels with formed gaskets

They checked YES, but per the literature and model #, this feature is not offered.

Gaskets are not needed on the VT-35 as we use passive seal technology. Passive seal allows the enclosure to breathe and dry while keeping corrosive liquids out. The use of a gasket will trap in any moisture or corrosive liquids and allow it damage the valve as it will never dry out.

Exception# 27

27 All panels secured with stainless bolts

They checked YES, but per the literature and model #, this feature is not offered.

The VT-35 lid is removable without the use of tools. It is held on with (4) rubber latches. All other hardware in the VT-35 is stainless steel.

Exception# 28

28 Hydraulic hoses through top of valve plate

They checked YES, but per the literature and model #, this feature is not offered.

The hoses in the VT-35 exit through the bottom of the valve plate. All hoses are easily accessible when the valve plate is folded down.



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Exception# 29

29 Certified Power ACV-LS12 valve, no exceptions Force America Add-a-Fold

The FORCE America Add-A-Fold 4520 valve is equivalent to the ACV-LS12.

Exception# 30

30 TPE wiring

TPE wiring is a Certified Power product. Force America does not offer this same type, even though they checked YES for everything.

FORCE America wiring is PUR (polyurethane) which is equivalent to TPE. PUR is a highly flexible wire with the same chemical resistance as TPE.

Exception# 31

31 Component Technology TPE, no exceptions They checked YES, but show that they are using Force America on literature.

FORCE America wiring is PUR (polyurethane) which is equivalent to TPE. PUR is a highly flexible wire with the same chemical resistance as TPE.

Exception# 32

32 Certified Power ASC Control System

Even though they checked YES on all items, there are so many difference that I would need a page just for this item

The FORCE America Patrol Commander Ultra Series 6100 meets and exceeds the Certified Power ASC Control System.

This specification is written to specific product. Although our product is not identical and we do not match letter that the spec calls for, we do meet and exceed the overall spirit of the specification.

Truck Mounted Plow Push Frame

Exception # 35 You Have the Henderson on two other trucks and it works fine.

Snow Plow

Exception #41 According to the manufacturer they meet the specs because they do have four springs but they 16 active coils which make the spring stronger. Premature tripping will not happen.

Exception # 42 4 1/2 " tube is not 40% weaker.

Exception #43 If you look at the plow picture it is a one piece moldboard.

We can offer a Henderson snow plow that is built better for a additional \$ 1,100.00

The last thing is buy in Illinois.

~~NO ADDITIONAL CHARGE FOR HENDERSON PLOW~~
DZ
SEE EMAIL ORDER
06/30/11



FORCE America

500 Brook Forest
Shorewood, IL 60404
Main: (815) 730-3600
Toll Free: (800) 433-5765
Fax: (815) 730-1700

6/17/11
Butt

City of Darien,

The Force America OMF pto is designed to work exclusively on the MD and HD transmissions. It has the 8 spline Din shaft which exceeds the 1"-15 spline in size and torque. It is a non-offset pto which gives a wide range of mounting positions.

The TXV pump is 5.6 cid with pressure ratings up to 5800 psi which exceeds the 4.88 cid and 3000 psi called out in the spec. It is a low noise 11 piston design. It also has a high response compensator. The pump has a narrow design for easy mounting and the compensator adjustment face rearward when mounted for easy access.

The VT35 is a integral valve enclosure and reservoir. It has a passive seal design so not drain lines are required. It offers a three point mount which prevents tank failures caused by frame flex.

The sight gauge is externally mounted, and it includes a high capacity suction strainer and a tank mounted return line filter. It has a swing out valve mount for easy access and also no bulkhead fittings are required.

The Force America 4520 Add-a-Fold valve is manifold mounted valve assembly. The valve sections are mounted to manifold and can be easily changed without dis-assembling the entire valve assembly. The electric actuators are self piloted and use full internal pressure, so no pilot lines, filters, or reducing valves are required. All ports are level and exit on the bottom side. Valves have manual overrides to assist in troubleshooting.

The MPJC6100 control was designed and developed to be the industries best operator-friendly CAN Bus platform. It is constructed to meet all IP68 environmental standards. The Can Bus Interface reduces wiring through the cab floor and is immune to misconnections and shot circuits.

The display is a high resolution color LCD. It is lightweight and offers a color coded menu. This control system meets all specifications called out in the spec.

thanks

Kevin R. Lewis
Assistant Operations Leader

Phone: 877-207-8196

The Leading Innovator in Mobile Hydraulic Solutions

BODY SPECIFICATIONS

EXCEPTIONS DIMENSION PAGE 1

1 86" wide I.D at top

2 86" wide I.D at bottom

EXCEPTIONS BODY PAGE 2

3 Stainless steel crossmembers on 12" centers

4 Longitudinals

EXCEPTIONS SIDES & HEADSHEET STRUCTURE PAGE 2 & 3

5 Rear corner Post

6 Headsheet

7 Sideboard pockets

8 Sideboard pockets

EXCEPTIONS TAILGATE PAGE 3

9 Barn Door Style tailgate

EXCEPTIONS CONVEYOR PAGE 3-5

10 34" outside Minimum width Conveyor

11 Removable conveyor floor

12 Adjustable feedgate height

13 Pins for feedgate

14 Feedate fill plate

15 12" stud cover plate

TOTAL BODY DOLLAR DIFFERENCES:

OTHER BODY NOTES

EXCEPTION EXPLANATION

Gives you weaker side, because the side depth of all side post, rubrail and top tall is 2" narrower than the Swenson

Gives you weaker side, because the side depth of all side post, rubrail and top tall is 2" narrower than the Swenson

EXCEPTION EXPLANATION

Body they quoted does not have any crossmembers, eliminating all floor support on a flat floor body Body does not have any longitudinals, again eliminating more floor support

EXCEPTION EXPLANATION

They are 1" narrower in size, again affecting the strength of the rear of the body

The doghouse is 2-3/8" further into the body, which effects capacity by .25 of a yard

10 gauge versus 7 gauge. Less gauge, weaker pockets

2" wide versus 2.5" wide. Smaller pocket

EXCEPTION EXPLANATION

Standard tailgate in lieu of Barn door style. Tailgate is wrong. Is not what is needed to do the job.

EXCEPTION EXPLANATION

28" wide in lieu of 34". Will affect movement of material. Does not meet minimum requirements.

Not offered by Henderson

Not offered by Henderson

Not offered by Henderson

Not offered by Henderson

Not offered by Henderson

1.) Swenson body has been manufactured and sold in the Chicagoland area for over 25 years. Henderson flat floor body is a new production unit for them and a much cheaper version of the Swenson both in construction and price.

2.) Swenson unit is manufactured one hour from Darlen, for ease of getting parts. Henderson is manufactured in central Iowa.

3.) Swenson unit is currently being used in your fleet.

Henderson unit will require the City to stock different conveyor chains and other components, compared to unit already in stock.

4.) Body has a formed horizontal brace on each side versus three vertical side braces. (Even though they checked Yes for vertical braces.)

5.) Spinner assembly does not swing under truck when not in use. It is on receiver tubes and must be totally removed everytime you want to dump the body which requires 2 people to do so.

DOLLAR DIFFERENCES

\$872.00

\$0.00

DOLLAR DIFFERENCES

\$1,649.00

\$0.00

DOLLAR DIFFERENCES

\$149.00

\$50.00

\$68.00

\$25.00

DOLLAR DIFFERENCES

\$1,001.00

DOLLAR DIFFERENCES

\$432.00

\$375.00

\$210.00

\$50.00

\$175.00

\$125.00

\$5,181.00

CENTRAL HYDRAULIC SPECIFICATIONS

| EXCEPTIONS | EXCEPTION EXPLANATION | DOLLAR DIFFERENCES |
|---|---|--------------------|
| 16 | Furnishing a Force America pump TXV92 is a smaller pump | \$475.00 |
| 17 | Auto truck is not furnishing a pump fitting kit | \$42.00 |
| EXCEPTIONS HYDRAULIC RESERVOIR PAGE 12-14 | | |
| 18 | Force America Fill A valve reservoir | \$0.00 |
| 19 | Not offered by Auto Truck | \$0.00 |
| 20 | They checked YES, but per the literature and model #, the unit quoted required the inspection lid to be removed to get to breather cap | \$0.00 |
| 21 | They checked YES, but per the literature and model #, the unit quoted required the inspection lid to be removed to get to filter. | \$0.00 |
| 22 | They checked YES, but per the literature and model #, the unit quoted showed all types of housing inside valve enclosure. This is harder to maintain. | \$0.00 |
| 23 | They checked YES, but per the literature and model #, this feature is not offered. | \$0.00 |
| 24 | They checked YES, but per the literature and model #, this feature is not offered. | \$0.00 |
| 25 | They checked YES, but per the literature and model #, this feature is not offered. | \$0.00 |
| 26 | They checked YES, but per the literature and model #, this feature is not offered. | \$0.00 |
| 27 | They checked YES, but per the literature and model #, this feature is not offered. | \$0.00 |
| 28 | They checked YES, but per the literature and model #, this feature is not offered. | \$0.00 |
| EXCEPTIONS CONTROL VALVE PAGE 15 | | |
| 29 | Force America Add-a-Fold | \$0.00 |
| EXCEPTIONS TPE WIRING PAGE 15-16 | | |
| 30 | TPE wiring is a Certified Power product. Force America does not offer this same type, even though they checked YES for everything. | \$800.00 |
| 31 | They checked YES, but show that they are using Force America on literature. | \$0.00 |
| EXCEPTIONS CONTROL SYSTEM PAGE 16-21 | | |
| 32 | Even though they checked YES on all items, there are so many difference that I would need a page just for this item. | \$1,462.00 |
| EXCEPTIONS WIRING, HOSES AND FITTINGS PAGE 22 | | |
| 33 | Not offered by Auto Truck | \$849.00 |
| TOTAL HYDRAULIC DOLLAR DIFFERENCES: | | |
| | | \$3,628.00 |
| EXCEPTIONS HEAVY DUTY FRONT BUMPER PAGE 23 | | |
| 34 | ATG bumper | \$0.00 |
| EXCEPTIONS TRUCK MOUNTED PLOW PUSH FRAME PAGE 23 | | |
| 35 | Henderson Lo-Profile, Not tollway design | \$1,689.00 |
| EXCEPTIONS SNOW PLOW PAGE 23-27 | | |
| 36 | American: Snowplow | \$2,029.00 |
| 37 | Made in Canada | \$0.00 |
| 38 | Made by Everest in Canada, not Wausau in Wisconsin. | \$0.00 |
| 39 | Orange poly sheet | \$0.00 |
| 40 | * American 3/8" thick ribs, 25% less strength | \$0.00 |
| 41 | Even though they checked YES, American plow comes with only four (4) springs, which can cause premature tripping | \$0.00 |

42 Wausau 4" x 4" x 3/8" Square tube truss frame is 40% stronger than pipe.
 43 Wausau uses one piece poly moldboard American uses seamed poly sheets, which is 50% more likely to break.

\$0.00
 \$0.00
 \$3,718.00

TOTAL BUMPER, PLOW HITCH AND SNOW PLOW DOLLAR DIFFERENCES:

TOTAL AUTO TRUCK EXCEPTIONS DOLLAR DIFFERENCE VERUS DARIEN'S ACTUAL SPECIFICATIONS \$12,527.00

| EXCEPTION # | ITEMS | DESCRIPTION | AMOUNT |
|-------------|---------------------------|---|--------------|
| 9 | Barn door tailgate | Lindco could furnish normal tailgate in lieu of barn door style | (\$1,000.00) |
| 16-17 | Pump & fitting kit | Lindco could furnish a Sauer DanFoss pump inlieu of Rexroth | (\$517.00) |
| 32 | ACS control system | Lindco could furnish GL400 system inlieu of ACS system | (\$1,462.00) |
| 33 | Stainless steel sleeving | Lindco could eliminate Stainless steel sleeving | (\$849.00) |
| 34 | LESI Bumper | Lindco can utilize the standard bumper | (\$300.00) |
| 35 | Wausau Homesafe Snow Plow | Lindco could furnish another make plow hitch | (\$1,689.00) |
| 37-43 | Wausau Homesafe Snow Plow | Lindco could furnish another make plow | (\$2,089.00) |

TOTAL DOLLAR DIFFERENCES WITH FURNISHING SMILJAR AUTO TRUCK ITEMS (\$7,906.00)

Dan Gombac

From: Brett Wise [bwise@autotruck.com]
Sent: Monday, June 27, 2011 3:36 PM
To: Dan Gombac
Subject: Re: FW:

I should have it tonight.



Brett Wise
Municipal Sales Representative
1420 Brewster Creek Blvd.
Bartlett, IL 60103
Cell: 224-567-1493
Ph: 630-860-5600
Fax: 630-860-5631
bwise@autotruck.com *Visit us on the web.*
<http://www.autotruck.com> <http://store.autotruck.com>



<!--[if !supportEmptyParas]--> <!--[endif]-->

On 6/27/2011 11:43 AM, Dan Gombac wrote:

Thanks Brett, when can I expect the references.

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Brett Wise [mailto:bwise@autotruck.com]
Sent: Saturday, June 25, 2011 8:54 AM
To: Dan Gombac
Subject: Re: FW:

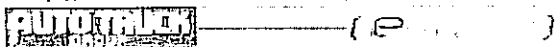
Dan, . . .

1. I am working on a list.
2. This is the Henderson plow. I have one in stock and we have them all over Chicago.
3. The plow hitch will work with all your plows.

We will supply the half tailgate at no charge.



Brett Wise
Municipal Sales Representative
1420 Brewster Creek Blvd.
Bartlett, IL 60103
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<http://www.autotruck.com> <http://store.autotruck.com>



<!--[if !supportEmptyParas]--> <!--[endif]-->

On 6/24/2011 3:48 PM, Dan Gombac wrote:

Brett:

Three additional comments:

Could you provide us three municipal references that utilize the American Plow.

You had proposed a different plow for an additional \$1,000, what brand of plow is it?

Will the proposed plow hitch for the new truck work with our existing plows. We have Schmidt, Wausau.... ?

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Dan Gombac
Sent: Thursday, June 23, 2011 11:01 AM
To: 'Brett Wise'
Subject: RE: FW:

Good Morning Brett:

I am in receipt of your comments and have two comments:

I believe the word removed should have been used in place of installed below?

"Our spinner design allows the spinner to be removed or installed easily. If you are using the unit as a dump body you should not need to have the spinner installed. With a pintle plate or brake chamber located at the rear this should be a non issue".

How long has the American Plow been around and what is the warranty on the plow.

Thanks

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Brett Wise [mailto:bwise@autotruck.com]
Sent: Wednesday, June 22, 2011 6:49 PM

To: Dan Gombac
Cc: Kris Throm; Dan Salvato
Subject: Re: FW:

Here are our comments.



Brett Wise
Municipal Sales Representative

1420 Brewster Creek Blvd.

Bartlett, IL 60103

Cell: 224-567-1493

Ph: 630-860-5600

Fax: 630-860-5631

bwise@autotruck.com

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<!--[if !supportEmptyParas]--> <!--[endif]-->

On 6/21/2011 4:49 PM, Dan Gombac wrote:

Brett

Att is a rebuttal from Lindco regarding the truck body/hydraulic specs.
Please review and provide comments by no later than Thursday June 23.
We are concerned about the plow comments.

Also, I have not received anything back from you regarding our meeting
last week.

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Ashley Prueter
Sent: Tuesday, June 21, 2011 4:42 PM
To: Dan Gombac
Subject:

Ashley Prueter
City of Darien Municipal Services
630-353-8105

6/30/2011

Dan Gombac

From: Dan Gombac
Sent: Thursday, June 30, 2011 12:05 PM
To: 'Brett Wise'
Cc: Ashley Prueter
Subject: FW: FW: FW:

My agenda needs to be assembled, please reply.

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Dan Gombac
Sent: Thursday, June 30, 2011 10:01 AM
To: 'Brett Wise'
Subject: RE: FW: FW:

Thanks Brett:

Just to clarify your comment below, the Henderson plow would be no additional cost to us.

Thanks

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Brett Wise [mailto:bwise@autotruck.com]
Sent: Thursday, June 30, 2011 9:45 AM
To: Dan Gombac
Subject: Re: FW: FW:

Yes, Henderson will discount the increase 500.00. Just let me know what you want me to do. If we can put this to bed I will eat the 500.00.



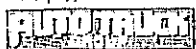
Brett Wise
Municipal Sales Representative

1420 Brewster Creek Blvd.
Bartlett, IL 60103
Cell: 224-567-1493
Ph: 630-860-5600
Fax: 630-860-5631

bwise@autotruck.com

Visit us on the web.

<http://www.autotruck.com> <http://www.autotruck.com>



<!--[if !supportEmptyParas]--> <!--[endif]-->

On 6/30/2011 9:31 AM, Dan Gombac wrote:

Good Morning Brett:

Has a decision regarding the plow been considered?

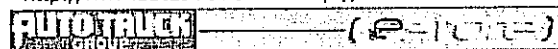
Daniel Gombac
Director of Municipal Services
630-353-8106

From: Brett Wise [mailto:bwise@autotruck.com]
Sent: Monday, June 27, 2011 3:36 PM
To: Dan Gombac
Subject: Re: FW:

I should have it tonight.



Brett Wise
Municipal Sales Representative
1420 Brewster Creek Blvd.
Bartlett, IL 60103
Cell: 224-567-1493
Ph: 630-860-5600
Fax: 630-860-5631
bwise@autotruck.com *Visit us on the web.*
<http://www.autotruck.com> <http://store.autotruck.com>



<!--[if !supportEmptyParas]--> <!--[endif]-->

On 6/27/2011 11:43 AM, Dan Gombac wrote:

Thanks Brett, when can I expect the references.

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Brett Wise [mailto:bwise@autotruck.com]
Sent: Saturday, June 25, 2011 8:54 AM
To: Dan Gombac
Subject: Re: FW:

Dan,
1. I am working on a list.
2. This is the Henderson plow. I have one in stock and we have them all over Chicago.
3. The plow hitch will work with all your plows.
We will supply the half tailgate at no charge.



Brett Wise
Municipal Sales Representative

1420 Brewster Creek Blvd.
Bartlett, IL 60103
Cell: 224-567-1493
Ph: 630-860-5600
Fax: 630-860-5631

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<!--[if !supportEmptyParas]--> <!--[endif]-->

On 6/24/2011 3:48 PM, Dan Gombac wrote:

Brett:

Three additional comments:

Could you provide us three municipal references that utilize the American Plow.

You had proposed a different plow for an additional \$1,000, what brand of plow is it?

Will the proposed plow hitch for the new truck work with our existing plows. We have Schmidt, Wausau.... ?

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Dan Gombac
Sent: Thursday, June 23, 2011 11:01 AM
To: 'Brett Wise'
Subject: RE: FW:

Good Morning Brett:

I am in receipt of your comments and have two comments:

I believe the word removed should have been used in place of installed below?

"Our spinner design allows the spinner to be removed or installed easily. If you are using the unit as a dump body you should not need to have the spinner installed. With a pintle plate or brake chamber located at the rear this should be a non issue".

How long has the American Plow been around and what is the warranty on the plow.

Thanks

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Brett Wise [mailto:bwise@autotruck.com]
Sent: Wednesday, June 22, 2011 6:49 PM
To: Dan Gombac
Cc: Kris Throm; Dan Salvato
Subject: Re: FW:

Here are our comments.



Brett Wise
Municipal Sales Representative
1420 Brewster Creek Blvd.
Bartlett, IL 60103
Cell: 224-567-1493
Ph: 630-860-5600
Fax: 630-860-5631
bwise@autotruck.com *Visit us on the web.*
<http://www.autotruck.com> <http://store.autotruck.com>



<!--[if !supportEmptyParas]--> <!--[endif]-->

On 6/21/2011 4:49 PM, Dan Gombac wrote:

Brett

Att is a rebuttal from Lindco regarding the truck body/hydraulic specs. Please review and provide comments by no later than Thursday June 23. We are concerned about the plow comments.

Also, I have not received anything back from you regarding our meeting last week.

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Ashley Prueter
Sent: Tuesday, June 21, 2011 4:42 PM

To: Dan Gombac

Subject:

Ashley Prueter
City of Darien Municipal Services
630-353-8105

AGENDA MEMO
Municipal Services Committee
July 5, 2011

ISSUE STATEMENT

A resolution accepting a proposal from D. Ryan Tree & Landscaping LLC. for hazardous tree removals and stump grinding at a per unit cost not to exceed \$15,000.

BACKGROUND

The current budget includes funds for hazardous tree removals and stump grindings. To date, City staff has not identified any trees that require immediate removal. The staff would utilize the awarded vendor in situations where we would not have the ability to remove these trees due to equipment restrictions. A hazard has been defined as a tree with extensive decay or dead limbs posing a potential hazard to life or property.

Competitive quotes were requested for per unit prices, and staff received four (4) competitive quotes, (see attachment A). The request for proposals requested pricing to be in place until December 31, 2011.

| | <u>Tree Removal</u> | <u>Stump Removal</u> |
|---------------------------------------|---------------------|----------------------|
| Steve Piper & Sons | \$24.00 DBH | \$55.00 |
| Winkler Tree Service | \$30.00 DBH | \$10.00/inch |
| Homer Tree Care | \$17.00 DBH | \$35.00 |
| D. Ryan Tree & Landscaping | \$12.00 | \$45.00 |

The proposed item would be expended from the following account:

| ACCOUNT NUMBER | ACCOUNT DESCRIPTION | FY 11/12 BUDGET |
|-------------------|-------------------------|-----------------|
| 01-30-4375 | Emergency Storm/Hazards | \$ 15,000.00 |

STAFF RECOMMENDATION

Staff recommends approval of this resolution with D. Ryan Tree & Landscaping LLC.

ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the July 18, 2011 City Council agenda for formal approval.

| | | | Steve Piper & Sons | Winkler Tree Service | D. Ryan Tree & Landscaping | Homer Tree Care |
|----------------|----------------|------------------------|--------------------|----------------------|----------------------------|-----------------|
| DESCRIPTION | QUANTITY-RANGE | UNIT | UNIT PRICE | UNIT PRICE | UNIT PRICE | UNIT PRICE |
| TREE REMOVAL | 0-200 | PER DIAMETER BY HEIGHT | \$ 24.00 | \$ 30.00 | \$ 12.00 | \$ 17.00 |
| STUMP GRINDING | 0-100 | EACH | \$ 55.00 | \$10.00/inch | \$ 45.00 | \$ 35.00 |

| Example A | | | Steve Piper & Sons | Winkler Tree Service | D. Ryan Tree & Landscaping | Homer Tree Care |
|--|----|--|--------------------|----------------------|----------------------------|-----------------|
| Inch diamater removal | 20 | | | | | |
| Vendor Unit Prices | | | \$ 24.00 | \$ 30.00 | \$ 12.00 | \$ 17.00 |
| Cost for Tree Removal | | | \$ 480.00 | \$ 600.00 | \$ 240.00 | \$ 340.00 |
| Stump Grinding | | | \$ 55.00 | \$ 200.00 | \$ 45.00 | \$ 35.00 |
| Total Cost for Tree Removal and Stump Grinding | | | \$ 559.00 | \$ 830.00 | \$ 297.00 | \$ 392.00 |

| Example B | | | Steve Piper & Sons | Winkler Tree Service | D. Ryan Tree & Landscaping | Homer Tree Care |
|--|----|--|--------------------|----------------------|----------------------------|-----------------|
| Diamater Removal-Inches | 28 | | | | | |
| Vendor Unit Prices | | | \$ 24.00 | \$ 30.00 | \$ 12.00 | \$ 17.00 |
| Cost for Tree Removal | | | \$ 672.00 | \$ 840.00 | \$ 336.00 | \$ 476.00 |
| Stump Grinding | | | \$ 55.00 | \$ 280.00 | \$ 45.00 | \$ 35.00 |
| Total Cost for Tree Removal and Stump Grinding | | | \$ 751.00 | \$ 1,150.00 | \$ 393.00 | \$ 528.00 |

| Example C | | | Steve Piper & Sons | Winkler Tree Service | D. Ryan Tree & Landscaping | Homer Tree Care |
|--|----|--|--------------------|----------------------|----------------------------|-----------------|
| Diamater Removal-Inches | 12 | | | | | |
| Vendor Unit Prices | | | \$ 24.00 | \$ 30.00 | \$ 12.00 | \$ 17.00 |
| Cost for Tree Removal | | | \$ 288.00 | \$ 360.00 | \$ 144.00 | \$ 204.00 |
| Stump Grinding | | | \$ 55.00 | \$ 120.00 | \$ 45.00 | \$ 35.00 |
| Total Cost for Tree Removal and Stump Grinding | | | \$ 367.00 | \$ 510.00 | \$ 201.00 | \$ 256.00 |

| Example D | | | Steve Piper & Sons | Winkler Tree Service | D. Ryan Tree & Landscaping | Homer Tree Care |
|--|----|--|--------------------|----------------------|----------------------------|-----------------|
| Diamater Removal-Inches | 33 | | | | | |
| Vendor Unit Prices | | | \$ 24.00 | \$ 30.00 | \$ 12.00 | \$ 17.00 |
| Cost for Tree Removal | | | \$ 792.00 | \$ 990.00 | \$ 396.00 | \$ 561.00 |
| Stump Grinding | | | \$ 55.00 | \$ 330.00 | \$ 45.00 | \$ 35.00 |
| Total Cost for Tree Removal and Stump Grinding | | | \$ 871.00 | \$ 1,350.00 | \$ 453.00 | \$ 613.00 |

RESOLUTION NO. _____

**A RESOLUTION ACCEPTING A PROPOSAL FROM D. RYAN TREE &
LANDSCAPING LLC FOR HAZARDOUS TREE REMOVALS AND STUMP
GRINDING AT A PER UNIT COST NOT TO EXCEED \$15,000.00**

**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 accept a proposal from D. Ryan Tree & Landscaping LLC for hazardous tree removal and stump grinding at a per unit cost not to exceed \$15,000.00, 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 18th day of July 2011.**

AYES: _____

NAYS: _____

ABSENT: _____

**APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY,
ILLINOIS, this 18th day of July 2011.**

KATHLEEN MOESLE WEAVER, MAYOR


ATTEST:

JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY

TREE REMOVAL AND STUMP GRINDING REQUEST

| DESCRIPTION | QUANTITY-RANGE | UNIT | UNIT PRICE |
|----------------------|--|------------------------|--------------------------------------|
| TREE REMOVAL | 0-200 | PER DIAMETER BY HEIGHT | \$ 12.00 Per dia, inch |
| STUMP GRINDING | 0-100 | EACH | \$ 45.00 |
| Company Name | D. RYAN TREES & LANDSCAPING LLC. | | |
| Address | 17271 RY 23 | | |
| Submitted By | D. Ryan Ryan | | |
| Date | 6-14-2011 | | |
| Telephone Number | 815-756-8774 630-752-8733 | | |
| Fax Number | 815-756-8774 | | |
| E-mail Address | D. RYAN TREES @ Hofmann.com | | |
| Authorized Signature |  | | |

AGENDA MEMO
Municipal Services Committee
July 5, 2011

ISSUE STATEMENT

A resolution authorizing the purchase of 105 sets of new Banner Brackets, Poles and Hardware, from MVP Visuals in an amount not to exceed \$7,818.75.

BACKGROUND/HISTORY

The proposed banner bracket system would replace the existing system, which is approximately 15 years of age. The parts for the existing system are no longer manufactured and are difficult to maintain. The proposed bracket system is designed with an adjustable dovetail mount system and provides more flexibility with less time spent readjusting banners or losing them due to high wind conditions.

Below please find the results of the competitive quotes for the purchase of 105 sets of the banner bracket system including hardware. The FY11-12 budget included the funding for the proposed hardware.

| VENDOR | COST |
|---------------------|--------------|
| MVP Visuals | \$ 7,818.75 |
| Temple Display Ltd. | \$ 7,960.00 |
| Crystal Valley | Unresponsive |

The proposed item would be expended from the following account:

| ACCOUNT NUMBER | ACCOUNT DESCRIPTION | FY 11/12 BUDGET | PROPOSED EXPENDITURE | PROPOSED BALANCE |
|----------------|-----------------------|-----------------|----------------------|------------------|
| 01-30-4259 | Banner Bracket System | \$ 10,000.00 | \$ 7,818.75 | \$ 2,181.25 |

Staff Recommendation

Staff recommends approval of this resolution with the purchase of 105 sets of new Banner Brackets, Poles and Hardware, from MVP Visuals in an amount not to exceed \$7,818.75.

Alternate Consideration

Not approving this item at this time.

Decision Mode

This item will be placed on the July 18, 2011 City Council agenda for formal consideration.

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE PURCHASE OF 105 SETS OF NEW BANNER BRACKETS, POLES AND HARDWARE FROM MVP VISUALS IN AN MOUNT NOT TO EXCEED \$7,818.75

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 purchase of 105 sets of new Banner Brackets, Poles and Hardware from MVP Visuals in an amount not to exceed \$7,818.75, 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 18th day of July 2011.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 18th day of July 2011.

KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY

MVP Visuals

257 Main Street
Torrington, CT 06790

Estimate

| Date | Estimate # |
|-----------|------------|
| 5/27/2011 | 426 |

| Name / Address |
|------------------------------|
| Darien City of David Fell |

| | | | Project |
|---|-----|--------|-------------------|
| Description | Qty | Cost | Total |
| Titan Adjustable Single Pole Banner Set (Includes 2- 30"arms, castings and 4 bands and buckles and 2 zip ties for each set) | 105 | 71.75 | 7,533.75T |
| Est. Shipping for Titan Adjustable \$295 | 1 | 295.00 | 295.00T |
| \$10 Promo Code Discount | | -10.00 | -10.00 |
| Out-of-state sale, exempt from sales tax | | 0.00% | 0.00 |
| Total | | | \$7,818.75 |

Customer Signature _____

AGENDA MEMO
Municipal Services Committee
July 5, 2011

ISSUE STATEMENT

A resolution authorizing Phase II of the urgent repairs of the storm sewer adjacent to Clarendon Hills Road at Maple Lane for a total cost not to exceed \$38,972.00, and a resolution for the Illinois Department of Transportation for these same items, see attached Cost Summary labeled as Attachment A.

BACKGROUND

On December 20, 2010 the City Council authorized an expenditure for the urgent repairs that included jetting, video-taping, sink hole repairs and a water modeling analysis of the 42-inch storm sewer pipe adjacent to Clarendon Hills Road, between Maple and 69th Street. All repairs have been completed and the water modeling study has been received and reviewed.

The 42-inch Clarendon Hills Road storm sewer was constructed in 1979 through 1980, and designed to flow north from 71st Street to 69th Street, then east from Clarendon Hills Road to Sawmill Creek, adjacent to the rear yards of the residences fronting Clarendon Hills Road and Brookbank Road. At the junction of 69th Street and the creek, the existing storm sewer is reduced to an 18-24 culvert metal pipe. The topography and infrastructure suggests that storm water was to flow bilaterally, north to Dale Basin via storm sewer and overland and south via storm sewer and overland. The City engineer and staff had identified a man made barrier, "baffle" located at 69th Street and Clarendon Hills Road that would significantly reduce storm water to flow from Maple Lane beyond 69th Street. An additional restriction was identified at Clarendon Hills Road and Maple Lane within the existing 24x36 elliptical culvert metal pipe and the 15-inch culvert metal pipe. Said culvert is under Clarendon Hills Road and since the most recent rains of June 9th, 2011 two additional sinkholes were identified, indicating deterioration of the pipe. During the cleaning and televising operation, it was further identified that the existing 36-inch metal culvert pipe under Maple Lane and adjacent to Clarendon Hills Road. is deteriorating and there are indications that the road is settling due to the deterioration. There is an existing 24 x 36 concrete culvert box under Clarendon Hills Road and Maple Avenue-fronting 7017 Clarendon Hills road that serves minimal benefit. Said structure also has 2-12-inch concrete pipes cemented within the western manhole of Clarendon Hills Road at Maple.

Christopher B. Burke Engineering recently completed a water modeling report with a recommendation letter, dated June 27, 2011 and labeled as Attachment B. The study recommends that an 18-inch diameter hole be constructed within the baffle at 69th Street. The study also recommends the following (see Plans labeled as Attachment C). This item will be completed by the Department at a minimal cost.

1. Remove the existing deteriorated 24x35 elliptical culvert metal pipe and the 15-inch culvert metal pipe under drain at Maple and Clarendon Hills Road-Fronting side yard of 7017-7021 Clarendon Hills Road.

2. Remove the existing 24x36 concrete culvert box fronting 7013 Clarendon Hills Road
3. Install a new 24x36 elliptical culvert metal pipe and 15-inch pipe under drain at Maple and Clarendon Hills Road- Fronting side yard of 7017-7021 Clarendon Hills Road.
4. Staff is also recommending that the removal and replacement of the existing 36-inch metal culvert pipe under Maple Ave at Clarendon Hills Road.

The project is considered maintenance and no additional permitting from DuPage County is required. The department along with limited outsourcing would complete the bulk of the proposed work.

This item was not funded for the FY11/12 Budget. The funds could be allocated from the Motor Fuel Tax Fund and would require a supplemental IDOT resolution.

STAFF RECOMMENDATION

Staff recommends approval of a resolution authorizing Phase II of the urgent repairs of the storm sewer adjacent to Clarendon Hills Road at 69th Street and at 71st Street for a total cost not to exceed \$38,972.00, and a resolution for the Illinois Department of Transportation for these same items, see attached Cost Summary labeled as Attachment A.

ALTERNATE CONSIDERATION

Not complete the work and forward the project for FY12/13 funding consideration.

DECISION MODE

This item will be placed on the July 18, 2011 City Council agenda for formal consideration.

| JOB LOCATION | Clarenton 10th Storm Sewer-Phase II | | | | | | |
|--------------------------------------|-------------------------------------|-------------|-------------|--------------|--------------|------------|----------------|
| DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | TOTAL COST | ACTUAL UNITS | FINAL COST | AWARDED VENDOR |
| 36 HDPE PIPE | 80 | LINEAL FT | \$ 15.00 | \$ 1,200.00 | - | \$ - | |
| 24 X 35 CMP | 80 | LINEAL FT | \$ 35.00 | \$ 2,800.00 | - | \$ - | |
| 15 HDPE PIPE | 80 | LINEAL FT | \$ 5.10 | \$ 408.00 | | \$ - | |
| 18 HDPE PIPE | 200 | LINEAL FT | \$ 7.25 | \$ 1,450.00 | - | \$ - | |
| 6-INCH HDPE PIPE WITH SOCK | 100 | LINEAL FT | \$ 1.68 | \$ 168.00 | - | \$ - | |
| 24X36 INLETS | 3 | EACH | \$ 95.00 | \$ 285.00 | | \$ - | |
| BEEHIVE GRATES | 3 | EACH | \$ 135.00 | \$ 405.00 | | \$ - | |
| 4-FOOT MANHOLE WITH BOTTOM | 2 | EACH | \$ 1,250.00 | \$ 2,500.00 | - | \$ - | |
| TRAFFIC CONTROL | 1 | EACH | \$ 1,500.00 | \$ 1,500.00 | - | \$ - | |
| CURB AND GUTTER | 65 | LINEAL FT | \$ 11.99 | \$ 1,019.15 | | \$ - | |
| SIDEWALK | 190 | SQ FT | \$ 3.89 | \$ 739.10 | | \$ - | |
| SIDEWALK-ADA | 50 | SQ FT | \$ 6.00 | \$ 300.00 | | \$ - | |
| SAWCUTTING | 1 | LUMP SUM | \$ 500.00 | \$ 500.00 | | \$ - | |
| BITUMINOUS DRIVEWAYS | 185 | SQ YD | \$ 26.75 | \$ 4,841.75 | - | \$ - | |
| TOTAL LENGTH (FT)= | 65 | | | | | \$ - | |
| WIDTH (FT)= | 25 | | | | | \$ - | |
| AREA (SY)= | 181 | | | | | \$ - | |
| BITUMINOUS STREET CROSSING-SURFACE | 95 | SQ YD | \$ 35.75 | \$ 3,396.25 | - | \$ - | |
| TOTAL LENGTH (FT)= | 120 | | | | | \$ - | |
| WIDTH (FT)= | 7 | | | | | \$ - | |
| AREA (SY)= | 93 | | | | | \$ - | |
| TOP SOIL-MATERIAL | 40 | CUBIC YARD | \$ 13.00 | \$ 520.00 | - | \$ - | |
| TOTAL LENGTH (FT)= | 100 | | | | | \$ - | |
| WIDTH (FT)= | 30 | | | | | \$ - | |
| AREA (CY)= | 37 | | | | | \$ - | |
| TOP SOIL-INSTALLED | 40 | CUBIC YARD | \$ 23.50 | \$ 940.00 | - | \$ - | |
| TOTAL LENGTH (FT)= | 100 | | | | | \$ - | |
| WIDTH (FT)= | 30 | | | | | \$ - | |
| AREA (CY)= | 37 | | | | | \$ - | |
| SOD-INSTALLED | 335 | SQUARE YARD | \$ 3.50 | \$ 1,172.50 | - | \$ - | |
| TOTAL LENGTH (FT)= | 100 | | | | | \$ - | |
| WIDTH (FT)= | 30 | | | | | \$ - | |
| AREA (SF)= | 3000 | | | | | \$ - | |
| STONE GRADE 8 | 290 | TON | \$ 9.62 | \$ 2,789.80 | - | \$ - | |
| TOTAL LENGTH (FT)= | 180 | | | | | \$ - | |
| WIDTH (FT)= | 6 | | | | | \$ - | |
| AREA (SY)= | 120 | | | | | \$ - | |
| STONE GRADE CA-7 | 130 | TON | \$ 14.12 | \$ 1,835.60 | - | \$ - | |
| TOTAL LENGTH (FT)= | 140 | | | | | \$ - | |
| WIDTH (FT)= | 6 | | | | | \$ - | |
| AREA (SY)= | 93 | | | | | \$ - | |
| ANALYTICAL TESTING | 1 | LUMP SUM | \$ 2,000.00 | \$ 2,000.00 | | \$ - | |
| DUMP FEES | 15 | PER LOAD | \$ 60.00 | \$ 900.00 | | \$ - | |
| TOTAL LENGTH (FT)= | 140 | | | | | \$ - | |
| WIDTH (FT)= | 7 | | | | | \$ - | |
| AREA (CY)= | 181 | | | | | \$ - | |
| DUMP FEES-SOD CONTAMINATED SPOILS | 20 | PER LOAD | \$ 100.00 | \$ 2,000.00 | - | \$ - | |
| TOTAL LENGTH (FT)= | 180 | | | | | \$ - | |
| WIDTH (FT)= | 7 | | | | | \$ - | |
| AREA (CY)= | 233 | | | | | \$ - | |
| TRUCKING | 35 | HOURLY | \$ 80.00 | \$ 2,800.00 | - | \$ - | |
| SUB-TOTAL COST | | | | \$ 36,470.15 | - | \$ - | |
| MISC-BRICK/ADJ (LINGS,MORTAR,MASTIC, | \$ 2,502.00 | EACH | \$ - | \$ 2,502.00 | - | \$ - | |
| SUB-TOTAL COST | | | | \$ 38,972.15 | | \$ - | |
| TOTAL ESTIMATE-BUDGET | | | | \$ 38,972.00 | | \$ - | |



CHRISTOPHER B. BURKE ENGINEERING, LTD.

9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX(847) 823-0520

May 27, 2011

Revised June 27, 2011

City of Darien
1702 Plainfield Road
Darien, IL 60561

Attention: Dan Gombac

Subject: Clarendon Hills Road Storm Sewer
(CBBEL Project No. 95323H139)

Dear Dan:

This letter has been prepared as a follow-up to our recent discussions regarding modifications to the Clarendon Hills Road storm sewer between Maple Lane and 69th Street. First, we previously provided an analysis of the weir/baffle which exists in the storm sewer near 69th Street. It is desired to create an opening in the weir wall to allow for low flow and reduce the potential for sediment buildup behind the wall:

This storm sewer is included in the County's Watershed model and therefore we ran various scenarios to determine the maximum opening size which would not have downstream flow increases beyond what is allowed under county standards. Flood levels at Clarendon Hills Road at Maple Lane will also be reduced. A detailed summary of this analysis was previously provided and it was determined that an 18 inch diameter hole can be cut in the wall. I have had follow-up conversations with DuPage County staff (Clayton Heffter) and he concurred that no permitting is required for this modification because it is outside of the floodplain and there is no land disturbing activity.

Second, it is desired to remove the existing box culvert under Clarendon Hills Road at Maple Lane. It is our understanding that your staff recently found a concrete wall mortared inside of this box culvert with two 12 inch pipes. Removing the existing box culvert at this location does not require permitting. The capacity of the two 12 inch pipes will be offset by removing the baffle at 69th Street. We also understand that the existing 24" x 38" elliptical pipe at this intersection is deteriorated. This pipe can be replaced with the same size pipe and does not require additional permitting as the replacement does not change the hydraulics.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Daniel L. Lynch', is written over a light blue horizontal line.

Daniel L. Lynch, PE, CFM
Head, Municipal Engineering Department



BE IT RESOLVED, by the City Council of the (Council or President and Board of Trustees)

City of Darien, Illinois, that there is hereby (City, Town or Village) (Name)

appropriated the sum of \$39,000.00 of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of the Illinois Highway Code from May 1, 2011 (Date)

to April 30, 2012 (Date)

BE IT FURTHER RESOLVED, that only those streets, highways, and operations as listed and described on the approved Municipal Estimate of Maintenance Costs, including supplemental or revised estimates approved in connection with this resolution, are eligible for maintenance with Motor Fuel Tax funds during the period as specified above.

BE IT FURTHER RESOLVED, that the Clerk shall, as soon as practicable after the close of the period as given above, submit to the Department of Transportation, on forms furnished by said Department, a certified statement showing expenditures from and balances remaining in the account(s) for this period; and

BE IT FURTHER RESOLVED, that the Clerk shall immediately transmit two certified copies of this resolution to the district office of the Department of Transportation, at Schaumburg, Illinois.

I, JoAnne E. Ragona Clerk in and for the City of Darien, County of DuPage (City, Town or Village)

hereby certify the foregoing to be a true, perfect and complete copy of a resolution adopted by

the City Council at a meeting on July 18, 2011 (Council or President and Board of Trustees) (Date)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18th day of July, 2011

(SEAL) City Clerk (City, Town or Village)

Approved Date Department of Transportation Regional Engineer



Period from 05/01/2011 to 04/30/2012

Section Number 12 - 00000 - 00 - GM
Municipality City of Darien

Estimated Cost of Maintenance Operations

| Maintenance Operation (No. - Description) | Group (I,II,III,IV) | For Group I, II, or III (Material, Equipment or Labor) | | | | | Operation Cost |
|--|------------------------|--|-------|----------|------------|-------------|----------------|
| | | Item | Unit | Quantity | Unit Price | Cost | |
| 1) Storm Sewer Maint | IIA | HDPE Pipe | LS | 1 | 11,716. | \$11,716.00 | 11,716.00 |
| 2) Traffic Control | IIA | Traffic control | LS | 1 | 1,500.0 | \$1,500.00 | 1,500.00 |
| 3) Concrete | IIB | Curb and Gutter | LF | 85 | 11.99 | \$1,019.15 | 1,019.15 |
| | IIB | Sidewalk | Sq Ft | 190 | 3.89 | \$ 739.10 | 739.10 |
| | IIB | Sidewalk ADA | Sq Ft | 50 | 6.00 | \$ 300.00 | 300.00 |
| | IIB | Sawcutting | LS | 1 | 500.00 | \$ 500.00 | 500.00 |
| 4) Pavement Patching | IIB | Bituminous Surface | ton | 280 | 29.43 | \$8,240.40 | 8,240.40 |
| 5) Restoration | IIB | Top Soil | CY | 80 | 18.25 | \$1,460.00 | 1,460.00 |
| | | Sod | S Y | 335 | 3.50 | \$1,172.50 | 1,172.50 |
| 6) Aggregate | IIA | Grade 8 | ton | 290 | 9.62 | \$2,789.80 | 2,789.80 |
| | IIA | CA-7 | ton | 130 | 14.12 | \$1,835.60 | 1,835.60 |
| 7) Analytical Testing | IIB | Soil testing | LS | 1 | 2,000.0 | \$2,000.00 | 2,000.00 |
| 8) Dump fees | IIB | Spoils | load | 15 | 60.00 | \$ 900.00 | 900.00 |
| | | Contaminated spoils | load | 20 | 100.00 | \$2,000.00 | 2,000.00 |
| 9) Hauling | IIB | Hauling | hour | 35 | 80.00 | \$2,800.00 | 2,800.00 |
| Total Day Labor Costs | | | | | | \$2,800.00 | |
| Total Estimated Maintenance Operation Cost | | | | | | | \$38,972.55 |
| Preliminary Engineering | | | | | | | |
| Engineering Inspection | | | | | | | |
| Material Testing | | | | | | | |
| Total Estimated Engineering Cost | | | | | | | |
| Total Estimated Maintenance Cost | | | | | | | \$38,972.55 |

Submitted: 07/18/2011 Date Approved: _____ Date

By: _____ Director of Mun Sv _____ Regional Engineer
Municipal Official Title

Submit Four (4) Copies to Regional Engineer

**AGENDA MEMO
Municipal Services Committee
July 5, 2011**

ISSUE STATEMENT

A motion authorizing City Staff to begin the process of accepting a future Plat of Dedication for the roadways within the Reflections at Hidden Lake Development consisting of Spring Court and a five (5) foot roadway easement (See Existing Plat Attachment 1).

BACKGROUND

The Hidden Lake Condominium Association requested that the City of Darien take ownership of Spring Court within the Reflections at Hidden Lake Development, in May of 2011. The City Council approved a criterion for the acceptance of private roadways in December of 2006.

Below please find a "Response Comment" to the Criteria for the City to take over ownership of the private residential streets within the City.

Criteria for City to take over ownership of the private residential streets within the City

- 1. **The owners of the private road must request the City to take ownership.**

*A formal request from the Association will be required.
No further action required.*

- 2. **Pavement width of private roads must be a minimum of 22ft.**

*Response-The pavement width averages 22-feet. There is one location where the roadway measures 21.5 and the curb and gutter may require removal and replacement to meet the minimal requirements.
To be discussed at the Municipal Services Committee Meeting*

- 3. **Core samples will be required to be supplied by the owners of the road.**

*Core samples of the roadway will be required. Estimated costs for four cores and the report are \$500.00 through Testing Services Corporation, (TSC).
Core sample report received and attached. No further action required.*

- 4. **The road construction minimum standards are 9" aggregate base.**

*Response-The core report verifies that the roadway aggregate base is in compliance. The core report will verify the cross section.
No further action required*

- 5 1.5” binder and 1.5” surface OR a minimal structural value of 2.0 and that the subgrade are determined to be at 93% maximum dry density in accordance with IDOT specifications.

Response- The core report verifies that the roadway binder and surface is 2.23 and 1.68 inches respectively. The core report will verify the cross section. Below is the hypothetical mathematical equation for the structural integrity as indicated through the plans on file.

No further action required.

The coefficients for the abovementioned materials are as follows:

Aggregate Base .11

Binder .33

Surface .40

The mathematical equation for Spring Court is:

Aggregate Base 11.69 x .11=1.29

Binder 2.23 x .33=.74

Surface 1.68 x .40=.67

Average Total Structural Value 2.70

- 6 The road shall be inspected by the City and meet a minimum condition rating of 75.

Response-The condition rating is 80 and meets the minimal rating. The roadway pending dedication would be tentatively scheduled to be paved in 2018.

- 7 A minimum of a 5 foot easement on each side of the pavement is to be provided to the City for road maintenance.

Response-A dedication of a five foot easement would be required. Field conditions indicate that the easement could be provided.

- 8 The streets must provide for an appropriate turning radius within public R-O-W

Response-The turning radius is sufficient.

No further action required.

- 9 The owners of the private road shall be responsible for all costs pertaining to the transfer of the private street to the City.

Response-Costs include reimbursements for legal and engineering services. Examples include, but are not limited to title searches, ordinance preparation, legal description and plat preparation, etc. It is estimated to prepare the legal description and plat would be in the amount of approximately \$4,500. The estimate is based on a conversation with our consultant Christopher B. Burke Engineering. Please note the association is not

required to use the services of our consultant. Legal fees are estimated to be at approximately \$1,200.

The Association has indicated that they will utilize the services of the City's consultant, Christopher B. Burke Engineering.

10 The City will review and identify existing infrastructure deficiencies

Response-The City has reviewed and identified all infrastructures within the proposed roadway, and extending to a minimal of 5-feet beyond each side of the roadway. The analysis provides information regarding potential sub-standards or deficiencies that could require additional maintenance prior to the acceptance of a private road. The items include the following:

- A. Curbs and Gutters – There is approximately 40 lineal feet of curb and gutter that will require removal and replacement in several locations. Estimated costs for the removal and replacement are \$500.00.*
- B. Islands - The City will not maintain or landscape any islands or landscaping or parking area. Islands shall be noted in the easement language as responsibility of the Homeowners Association.*
- C. Landscaping-Rocks/Grass/Timbers - The City will not maintain or landscape any islands or landscaping. Landscaping shall be noted in the easement language as responsibility of the Homeowners Association.*
- D. Mailboxes - The City will not maintain any community mailboxes.*
- E. Storm Sewer Pipe and Structures – No issues*
- F. Sanitary/Storm Manholes and Structures – No issues*
- G. Street Lights/Coach Lights - The City will not maintain any street lighting. Lighting shall be noted in the easement language as responsibility of the Homeowners Association.*
- H. Walk ways – Spring Court has a carriage walk and would not be included in the dedication. The carriage walk shall be noted in the easement language as responsibility of the Homeowners Association.*
- I. Signs - Signage will not be allowed in the proposed easement.*
- J. Trees – The City will not maintain, remove or plant any trees. Tree maintenance shall be noted in the easement language as responsibility of the Homeowners Association.*

STAFF RECOMMENDATION

The staff recommends preliminary approval of a resolution to accept a Plat of Dedication for the Spring Court roadway within the Reflections at Hidden Lake Development subject to the above conditions.

ALTERNATE CONSIDERATION

Not approving the preliminary proposed Plat of Dedication.

DECISION MODE

This item will be placed on the agenda for the July 18, 2011 City Council agenda for formal approval.



May 23, 2011

Mr. Daniel Gombac
Director of Municipal Services
City of Darien
1702 Plainfield Road
Darien, IL 60561

RE: Dedication of Spring Court and Ripple Ridge Cove Streets to the
City of Darien, Illinois

Dear Mr. Gombac:

This letter is to advise you that the Reflections at Hidden Lake Condominium Association Board voted at our Thursday, May 19, 2011 Association Board meeting to approve the dedication of Spring Court and Ripple Ridge Cove to the City of Darien.

The Reflections Board hereby requests and authorizes the City of Darien to move forward with the dedication process. We also would like to take advantage of the City of Darien's offer to assist the Reflections Association with City contract pricing and in-house services at a pass through cost to assist with the facilitation of the street dedication. In particular, this would be of most assistance with regard to the curb and gutter concrete work identified as part of the infrastructure deficiencies for both streets. We will also reimburse the City for the legal and engineering services as part of the transfer of both streets to the City of Darien.

Our Association Property Manager, Mr. Brett Kovel of Elite Management Associates, Inc., will also begin arranging for the appropriate core roadway samples through Testing Services Corporation as part of the dedication procedures.

Please let us know what additional information will be required from the Association moving forward.

Thank you for your assistance with this dedication project.

Sincerely,

2011 Reflections at Hidden Lake Association Board
Karen English, President
Catherine Griffin, Vice President
Steve Lekas, Treasurer
Joanne Blattner, Secretary
Derek Ahlborn, Director



TESTING SERVICE CORPORATION

Local Office
Carol Stream, Illinois

June 22, 2011

Local Office:

457 E. Gundersen Drive, Carol Stream, IL 60188-2492
630.653.3920 • Fax 630.653.2726

Corporate Office:

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

Mr. Brett Kovel
Elite Management Associates, Inc.
P.O. Box 628
Western Springs, Illinois 60558

RE: L-76,887
Pavement Cores
Spring Court & Ridge Cove
Darien, Illinois

Dear Mr. Kovel:

As per your request, we have completed cores/subgrade borings on both Spring Court and Ridge Cove which are located in the Reflections at Hidden Lakes Subdivision in Darien, Illinois. These geotechnical services were provided in accordance with TSC Proposal No. 47,142 dated May 31, 2011 and the attached General Conditions, which are incorporated herein by reference.

Eight (8) cores/subgrade borings were performed for this study. Four (4) of these test locations were performed on Spring Court (i.e., C-1 thru 4) with the other four (4) locations being performed on Ridge Cove (i.e., C-5 thru 8).

The test locations were selected and marked in the field by a representative of the City of Darien. Once these locations were marked, J.U.L.I.E. (Joint Utility Locating Information for Excavators) was contacted so that the utilities could be cleared.

At each location the pavement was penetrated and sampled using a thin-walled diamond tipped, core barrel that was mounted on an electric coring machine. Once the pavement was penetrated, the core was measured and then labeled. Next the hole was advanced and sampled to the top of the subgrade level using hand-auger methods. The base course materials were described in the field with representative portions of each sample being placed in a plastic bag.

Next, a split-spoon sampler was manually driven so that the subgrade could be sampled. The soil samples were described in the field with representative portions of each sample being placed in a jar with a screw-type lid. It should be noted that an obstruction was encountered at the top of the subgrade at the location of C-1. Therefore, in order to obtain a subgrade sample, an additional boring was performed (i.e. C-1A).

Upon completion of the field work, the samples were transported to our laboratory for testing. Laboratory testing included the following; each core was described and measured by an experienced laboratory technician. The thickness of each lift was determined according to procedures specified by

Closure

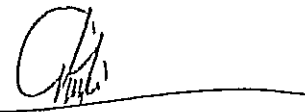
The analysis and recommendations submitted in this report are based upon the data obtained from the eight (8) cores/borings performed at the locations indicated on the Location Plan. This report does not reflect any variations which may occur between these locations, the nature and extent of which may not become evident until during the course of construction. If variations are then identified, recommendations contained in this report should be re-evaluated after performing on-site observations.

Respectfully submitted,

TESTING SERVICE CORPORATION



Charles DuBose
Vice President
Registered Professional Engineer
Illinois No. 062-041049



Alfredo J. Bermudez, P. E.
Senior Geotechnical Engineer

CD:AJB:cn
Enc.



TESTING SERVICE CORPORATION

GENERAL CONDITIONS

Geotechnical and Construction Services

1. PARTIES AND SCOPE OF WORK: If Client is ordering the services on behalf of another, Client represents and warrants that Client is the duly authorized agent of said party for the purpose of ordering and directing said services, and in such case the term "Client" shall also include the principal for whom the services are being performed. Prices quoted and charged by TSC for its services are predicated on the conditions and the allocations of risks and obligations expressed in these General Conditions. Unless otherwise stated in writing, Client assumes sole responsibility for determining whether the quantity and the nature of the services ordered by Client are adequate and sufficient for Client's intended purpose. Unless otherwise expressly assumed in writing, TSC's services are provided exclusively for Client. TSC shall have no duty or obligation other than those duties and obligations expressly set forth in this Agreement. TSC shall have no duty to any third party. Client shall communicate these General Conditions to each and every party to whom the Client transmits any report prepared by TSC. Ordering services from TSC shall constitute acceptance of TSC's proposal and these General Conditions.

2. SCHEDULING OF SERVICES: The services set forth in this Agreement will be accomplished in a timely and workmanlike manner. If TSC is required to delay any part of its services to accommodate the requests or requirements of Client, regulatory agencies, or third parties, or due to any cause beyond its reasonable control, Client agrees to pay such additional charges, if any, as may be applicable.

3. ACCESS TO SITE: TSC shall take reasonable measures and precautions to minimize damage to the site and any improvements located thereon as a result of its services or the use of its equipment; however, TSC has not included in its fee the cost of restoration of damage which may occur. If Client desires or requires TSC to restore the site to its former condition, TSC will, upon written request, perform such additional work as is necessary to do so and Client agrees to pay to TSC the cost thereof plus TSC's normal markup for overhead and profit.

4. CLIENT'S DUTY TO NOTIFY ENGINEER: Client represents and warrants that Client has advised TSC of any known or suspected hazardous materials, utility lines and underground structures at any site at which TSC is to perform services under this agreement.

5. DISCOVERY OF POLLUTANTS: TSC's services shall not include investigation for hazardous materials as defined by the Resource Conservation Recovery Act, 42 U.S.C. § 6901, et seq., as amended ("RCRA") or by any state or Federal statute or regulation. In the event that hazardous materials are discovered and identified by TSC, TSC's sole duty shall be to notify Client.

6. MONITORING: If this Agreement includes testing construction materials or observing any aspect of construction or improvements, Client's construction personnel will verify that the pad is properly located and sized to meet Client's projected building loads. Client shall cause all tests and inspections of the site, materials and work to be timely and properly performed in accordance with the plans, specifications, contract documents, and TSC's recommendations. No claims for loss, damage or injury shall be brought against TSC unless all tests and inspections have been so performed and unless TSC's recommendations have been followed.

TSC's services shall not include determining or implementing the means, methods, techniques or procedures of work done by the contractor(s) being monitored or whose work is being tested. TSC's services shall not include the authority to accept or reject work or to in any manner supervise the work of any contractor. TSC's services or failure to perform same shall not in any way operate or excuse any contractor from the performance of its work in accordance

with its contract. "Contractor" as used herein shall include subcontractors, suppliers, architects, engineers and construction managers.

Information obtained from borings, observations and analyses of sample materials shall be reported in formats considered appropriate by TSC unless directed otherwise by Client. Such information is considered evidence, but any inference or conclusion based thereon is, necessarily, an opinion also based on engineering judgment and shall not be construed as a representation of fact. Subsurface conditions may not be uniform throughout an entire site and ground water levels may fluctuate due to climatic and other variations. Construction materials may vary from the samples taken. Unless otherwise agreed in writing, the procedures employed by TSC are not designed to detect intentional concealment or misrepresentation of facts by others.

7. DOCUMENTS AND SAMPLES: Client is granted an exclusive license to use findings and reports prepared and issued by TSC and any sub-consultants pursuant to this Agreement for the purpose set forth in TSC's proposal provided that TSC has received payment in full for its services. TSC and, if applicable, its sub-consultant, retain all copyright and ownership interests in the reports, boring logs, maps, field data, field notes, laboratory test data and similar documents, and the ownership and freedom to use all data generated by it for any purpose. Unless otherwise agreed in writing, test specimens or samples will be disposed immediately upon completion of the test. All drilling samples or specimens will be disposed sixty (60) days after submission of TSC's report.

8. TERMINATION: TSC's obligation to provide services may be terminated by either party upon (7) seven days prior written notice. In the event of termination of TSC's services, TSC shall be compensated by Client for all services performed up to and including the termination date, including reimbursable expenses. The terms and conditions of these General Conditions shall survive the termination of TSC's obligation to provide services.

9. PAYMENT: Client shall be invoiced periodically for services performed. Client agrees to pay each invoice within thirty (30) days of its receipt. Client further agrees to pay interest on all amounts invoiced and not paid or objected to in writing for valid cause within sixty (60) days at the rate of twelve (12%) per annum (or the maximum interest rate permitted by applicable law, whichever is the lesser) until paid and TSC's costs of collection of such accounts, including court costs and reasonable attorney's fees.

10. WARRANTY: TSC's professional services will be performed, its findings obtained and its reports prepared in accordance with these General Conditions and with generally accepted principles and practices. In performing its professional services, TSC will use that degree of care and skill ordinarily exercised under similar circumstances by members of its profession. In performing physical work in pursuit of its professional services, TSC will use that degree of care and skill ordinarily used under similar circumstances. This warranty is in lieu of all other warranties or representations, either express or implied. Statements made in TSC reports are opinions based upon engineering judgment and are not to be construed as representations of fact.

Should TSC or any of its employees be found to have been negligent in performing professional services or to have made and breached any express or implied warranty, representation or contract, Client, all parties claiming through Client and all parties claiming to have in any way relied upon TSC's services or work agree that the maximum aggregate amount of damages for which TSC, its officers, employees and agents shall be liable is limited to \$50,000 or the total amount of the fee paid to TSC for its services performed with respect to the project, whichever amount is greater.

In the event Client is unwilling or unable to limit the damages for which TSC may be liable in accordance with the provisions set forth in the preceding paragraph, upon written request of Client received within five days of Client's acceptance of TSC's proposal together with payment of an additional fee in the amount of 5% of TSC's estimated cost for its services (to be adjusted to 5% of the amount actually billed by TSC for its services on the project at time of completion), the limit on damages shall be increased to \$500,000 or the amount of TSC's fee, whichever is the greater. This charge is not to be construed as being a charge for insurance of any type, but is increased consideration for the exposure to an award of greater damages.

11. INDEMNITY: Subject to the provisions set forth herein, TSC and Client hereby agree to indemnify and hold harmless each other and their respective shareholders, directors, officers, partners, employees, agents, subsidiaries and division (and each of their heirs, successors, and assigns) from any and all claims, demands, liabilities, suits, causes of action, judgments, costs and expenses, including reasonable attorneys' fees, arising, or allegedly arising, from personal injury, including death, property damage, including loss of use thereof, due in any manner to the negligence of either of them or their agents or employees or independent contractors. In the event both TSC and Client are found to be negligent or at fault, then any liability shall be apportioned between them pursuant to their pro rata share of negligence or fault. TSC and Client further agree that their liability to any third party shall, to the extent permitted by law, be several and not joint. The liability of TSC under this provision shall not exceed the policy limits of insurance carried by TSC. Neither TSC nor Client shall be bound under this indemnity agreement to liability determined in a proceeding in which it did not participate represented by its own independent counsel. The indemnities provided hereunder shall not terminate upon the termination or expiration of this Agreement, but may be modified to the extent of any waiver of subrogation agreed to by TSC and paid for by Client.

12. SUBPOENAS: TSC's employees shall not be retained as expert witnesses except by separate, written agreement. Client agrees to pay TSC pursuant to TSC's then current fee schedule for any TSC employee(s) subpoenaed by any party as an occurrence witness as a result of TSC's services.

13. OTHER AGREEMENTS: TSC shall not be bound by any provision or agreement (i) requiring or providing for arbitration of disputes or controversies arising out of this Agreement or its performance, (ii) wherein TSC waives any rights to a mechanics lien or surety bond claim; (iii) that conditions TSC's right to receive payment for its services upon payment to Client by any third party or (iv) that requires TSC to indemnify any party beyond its own negligence. These General Conditions are notice, where required, that TSC shall file a lien whenever necessary to collect past due amounts. This Agreement contains the entire understanding between the parties. Unless expressly accepted by TSC in writing prior to delivery of TSC's services, Client shall not add any conditions or impose conditions which are in conflict with those contained herein, and no such additional or conflicting terms shall be binding upon TSC. The unenforceability or invalidity of any provision or provisions shall not render any other provision or provisions unenforceable or invalid. This Agreement shall be construed and enforced in accordance with the laws of the State of Illinois. In the event of a dispute arising out of or relating to the performance of this Agreement, the breach thereof or TSC's services, the parties agree to try in good faith to settle the dispute by mediation under the Construction Industry Mediation Rules of the American Arbitration Association as a condition precedent to filing any demand for arbitration, or any petition or complaint with any court. Paragraph headings are for convenience only and shall not be construed as limiting the meaning of the provisions contained in these General Conditions.

**TESTING SERVICE CORPORATION
UNIFIED CLASSIFICATION CHART**

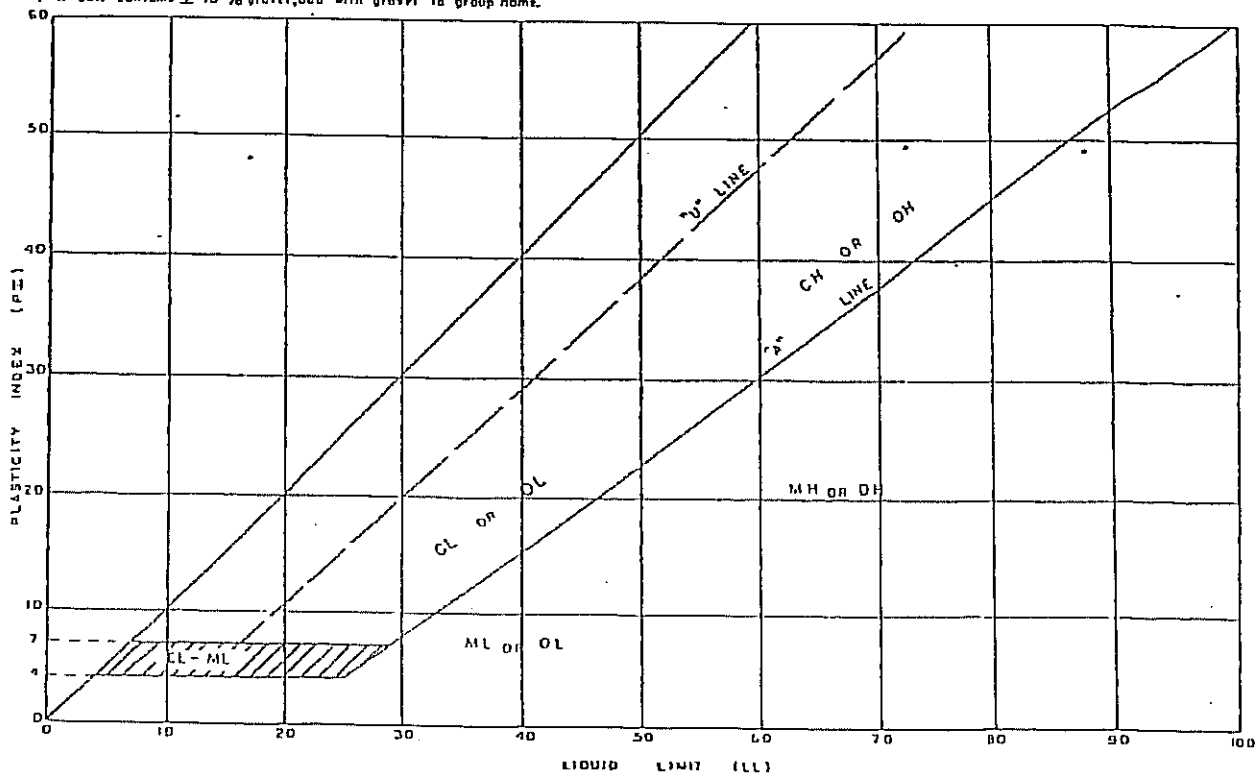
| CRITERIA FOR ASSIGNING GROUP SYMBOLS AND GROUP NAMES USING LABORATORY TESTS | | | | SOIL CLASSIFICATION | |
|---|---|--|---|---------------------|--|
| | | | | GROUP SYMBOL | GROUP NAME |
| COARSE-GRAINED SOILS more than 50% retained on No. 200 sieve | GRAVELS More than 50% of coarse fraction retained on No. 4 sieve | CLEAN GRAVELS Less than 5% fines ^c | $C_u \geq 4$ and $1 < C_c \leq 3$ ^e | GW | Well graded gravel ^f |
| | | | $C_u < 4$ and/or $1 > C_c > 3$ ^e | GP | Poorly graded gravel ^f |
| | | GRAVELS WITH FINES More than 12% fines ^c | Fines classify as ML or MH | GM | Silty gravel ^{f, g, h} |
| | | | Fines classify as CL or CH | GC | Clayey gravel ^{f, g, h} |
| | SANDS 50% or more of coarse fraction passes No. 4 sieve | CLEAN SANDS Less than 5% fines ^d | $C_u \geq 6$ and $1 < C_c \leq 3$ ^e | SW | Well-graded sand ⁱ |
| | | | $C_u < 6$ and/or $1 > C_c > 3$ ^e | SP | Poorly graded sand ⁱ |
| | | SANDS WITH FINES More than 12% fines ^d | Fines classify as ML or MH | SM | Silty sand ^{g, h, i} |
| | | | Fines classify as CL or CH | SC | Clayey sand ^{g, h, i} |
| FINE-GRAINED SOILS 50% or more passed the No. 200 sieve | SILTS & CLAYS Liquid limit less than 50% | Inorganic | PI > 7 and plots on or above "A" line J | CL | Lean clay ^{k, l, m} |
| | | | PI < 4 or plots below "A" line J | ML | Silt ^{k, l, m} |
| | | Organic | $\frac{\text{Liquid limit} - \text{oven dried}}{\text{Liquid limit} - \text{not dried}} < 0.75$ | OL | Organic clay ^{k, l, m, n} Organic silt ^{k, l, m, o} |
| | SILTS & CLAYS Liquid limit 50% or more | Inorganic | PI plots on or above "A" line | CH | Fat clay ^{k, l, m} |
| | | | PI plots below "A" line | MH | Elastic silt ^{k, l, m} |
| | | Organic | $\frac{\text{Liquid limit} - \text{oven dried}}{\text{Liquid limit} - \text{not dried}} < 0.75$ | OH | Organic clay ^{k, l, m, p} Organic silt ^{k, l, m, q} |
| Highly organic soils | Primarily organic matter, dark in color, and organic odor | | | PT | Peat |

- a. Based on the material passing the 3-in (75-mm) sieve.
- b. If field sample contained cobbles and/or boulders, add to group name.
- c. Gravels with 5 to 12% fines require dual symbols
GW-GM well graded gravel with silt
GW-GC well graded gravel with clay
GP-GM poorly graded gravel with silt
GP-GC poorly graded gravel with clay
- d. Sands with 5% to 12% fines require dual symbols
SW-SM well graded sand with silt
SW-SC well graded sand with clay
SP-SM poorly graded sand with silt
SP-SC poorly graded sand with clay

- l. If Atterberg Limits plot in hatched area, soil is CL-ML, silty clay.
- k. If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel" whichever is predominant.
- l. If soil contains $\geq 30\%$ plus No. 200, predominantly sand, add "sandy" to group name.
- m. If soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name.
- n. PI ≥ 4 and plots on or above "A" line.
- o. PI ≥ 4 or plots below "A" line.
- p. PI plots on or above "A" line.
- q. PI plots below "A" line.

$$C_u = \frac{D_{60}}{D_{10}} \quad C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$$

- l. If soil contains $\geq 15\%$ sand, add "with sand" to group name.
- g. If fines classify as CL-ML, use dual symbol, GC-GM, SC-SM.
- h. If fines are organic, add "with organic fines" to group name.
- i. If soil contains $\geq 15\%$ gravel, add "with gravel" to group name.



TESTING SERVICE CORPORATION
457 East Gundersen Drive
Carol Stream, Illinois 60188

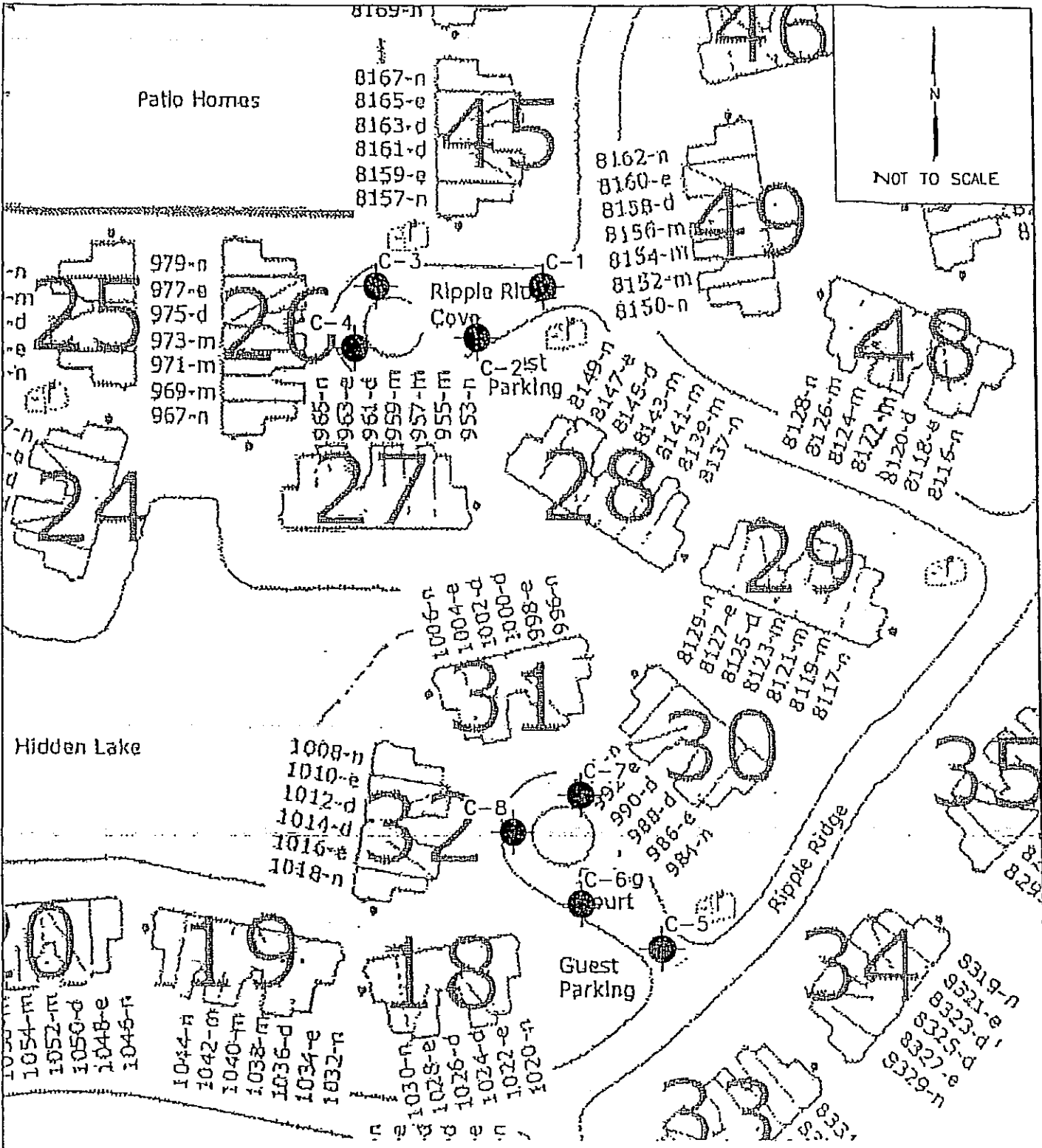
JOB NO> L-76,887

PROJECT: Ripple Ridge Court
The Reflections at Hidden Lake
Darien, Illinois

CLIENT: Elite Management Associates, Inc.

REPORT OF SOIL TEST DATA

| LOCATION | DEPTH BELOW SURFACE | WATER CONTENT (PERCENT) | DRY UNIT WEIGHT (IN PCF) | UNCONFINED COMPRESSIVE STRENGTH (IN TSF) | SOIL DESCRIPTION |
|----------|---------------------|-------------------------|--------------------------|--|--|
| C-1A/S-1 | 0 - 16" | | | | Pavement Section |
| C-1A/S-2 | 16" - 20" | 19.5 | | | FILL - Brownish-gray clayey SAND and GRAVEL, trace brick, moist (SC) |
| C-2/S-1 | 0 - 15½" | | | | Pavement Section |
| C-2/S-2 | 15½" - 34" | 25.4 | 99.9 | 1.0' | FILL - Brown silty CLAY, little to some sand, little gravel, very moist (CL) |
| C-3/S-1 | 0 - 16" | | | | Pavement Section |
| C-3/S-2 | 16" - 30" | 27.5 | 93.5 | 2.0' | FILL - Black and dark gray silty CLAY, little sand, trace gravel, trace organic, very moist (CL) |
| C-4/S-1 | 0 - 15½" | | | | Pavement Section |
| C-4/S-2 | 15½" - 28" | 26.1 | | 1.25' | Tough dark brown and gray silty CLAY, little sand, trace gravel, trace organics, very moist (CL) |
| C-4/S-3 | 28" - 36" | 21.8 | | 1.75' | Tough brown and gray silty CLAY, little sand, trace gravel, moist (CL) |
| C-5/S-1 | 0 - 16" | | | | Pavement Section |
| C-5/S-2 | 16" - 26" | | | | Crushed Concrete (2½" diameter maximum particle size) |
| C-5/S-3 | 26" - 36" | 16.8 | 115.9 | 4.5+' | Hard brown silty CLAY, little sand, trace gravel, moist (CL) |
| C-6/S-1 | 0 - 13" | | | | Pavement Section |
| C-6/S-2 | 13" - 36" | 14.2 | 120.1 | 4.5' | Hard brown silty CLAY, trace sand and gravel, moist (CL) |
| C-7/S-1 | 0 - 20" | | | | Pavement Section |
| C-7/S-2 | 20" - 36" | 16.7 | 116.1 | 4.5" | Hard brown silty CLAY, little sand, trace gravel, moist (CL) |
| C-8/S-1 | 0 - 17" | | | | Pavement Section |
| C-8/S-2 | 17" - 36" | 14.6 | 120.8 | Disturbed | Brown and gray silty CLAY, little to some sand, trace gravel, moist (CL) |



PAVEMENT CORE LOCATION PLAN
REFLECTIONS AT HIDDEN LAKE
SPRING COURT AND RIPPLE RIDGE COVE
DARIEN ILLINOIS

| LEGEND | |
|--------|---------------|
| | CORE LOCATION |

| | |
|----------------|--|
| | TESTING SERVICE CORPORATION 457 EAST GUNDERSEN DRIVE CAROL STREAM, ILLINOIS 60188 |
| | DRAWN BY: TRP |
| | CHECKED BY: CRD |
| | JOB NO. : L-76,887 |
| DATE: 06-22-11 | |

| | |
|--------------------|----------|
| DRAWN BY: TRP | PAGE NO. |
| CHECKED BY: CRD | 1 OF 1 |
| JOB NO. : L-76,887 | |
| DATE: 06-22-11 | |

ASTM D 3549. The reported thicknesses are the average of four (4) measurements at the quarterpoints around the periphery of the core.

Soil samples were examined in the laboratory to verify field descriptions and to classify them in accordance with the Unified Soil Classification System. Laboratory testing included moisture content determinations for all cohesive soil types. An estimate of unconfined compressive strength was obtained for all cohesive soils using a calibrated pocket penetrometer. Dry unit weight tests were also run on specimens of clay fill.

The results of the pavement observations are summarized below with the results of the laboratory soil tests being presented on the "Report of Soil Test Data Sheet" which is included with this report.

Spring Court (C-1 thru 4)

C-1A 1.3" Bituminous Surface Course
 1.9" Bituminous Binder Course
 3¼" Total Bituminous Thickness

12¼" Crushed Stone (1" diameter to fines)

C-1 1.3" Bituminous Surface Course
 2.1" Bituminous Binder Course
 3½" Total Bituminous Thickness

12½" Crushed Stone (1" diameter to fines)

C-2 1.9" Bituminous Surface Course
 2.5" Bituminous Binder Course
 4½" Total Bituminous Thickness

10½" Crushed Stone (1" diameter to fines)

C-3 2.2" Bituminous Surface Course
 2.4" Bituminous Binder Course*
 4½" Total Bituminous Thickness

11½" Crushed Stone (1" diameter to fines)

* Not bonded to overlying fill.

C-4 1.8" Bituminous Surface Course
 2.8" Bituminous Binder Course*

 4½" Total Bituminous Thickness

 11" Crushed Stone (1" diameter to fines)

Ridge Cove (C-5 thru 8)

C-5 1.9" Bituminous Surface Course
 1.4" Bituminous Binder Course
 3¼" Total Bituminous Thickness

 12½" Crushed Stone (1" diameter to fines)

C-6 2.0" Bituminous Surface Course
 2.5" Bituminous Binder Course*
 4½" Total Bituminous Thickness

 8½" Crushed Stone (1" diameter to fines)

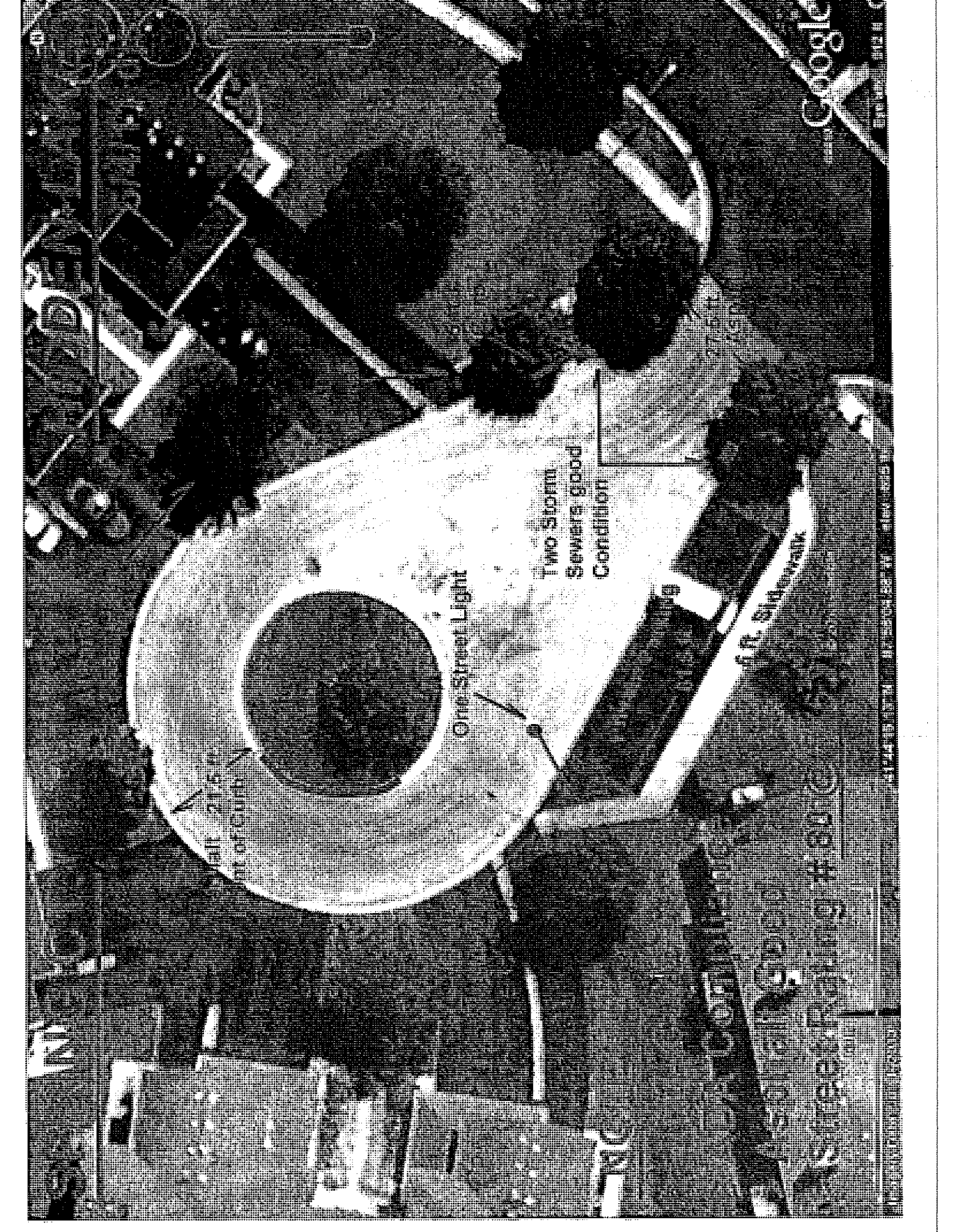
C-7 2.2" Bituminous Surface Course
 1.8" Bituminous Surface Course (no Binder Course found)
 4" Total Bituminous Thickness

 16" Crushed Stone (1" diameter to fines)

C-8 2.0" Bituminous Surface Course
 1.3" Bituminous Binder Course
 3¼" Total Bituminous Thickness

 13¾" Crushed Stone (1" diameter to fines)

* Not bonded to overlying fill



One Street Light

Two Storm
Sewers good
Condition

11.215 ft.
of curb

11.215 ft. sidewalk

11.215 ft. sidewalk

AGENDA MEMO
Municipal Services Committee
July 5, 2011

ISSUE STATEMENT

A motion authorizing City Staff to begin the process of accepting a future Plat of Dedication for the roadways within the Reflections at Hidden Lake Development consisting of Ripple Ridge Cove and a five (5) foot roadway easement (See Existing Plat Attachment 1).

BACKGROUND

The Reflections at Hidden Lake Development requested that the City of Darien take ownership of Ripple Ridge Cove within the Reflections at Hidden Lake Development, in May of 2011. The City Council approved a criterion for the acceptance of private roadways in December of 2006.

Below please find a "Response Comment" to the Criteria for the City to take over ownership of the private residential streets within the City.

Criteria for City to take over ownership of the private residential streets within the City

- 1. **The owners of the private road must request the City to take ownership.**

*A formal request has been received.
No further action required.*

- 2. **Pavement width of private roads must be a minimum of 22ft.**

*Response-The pavement width averages 22-feet. There is one location where the roadway measures 21.25 and the curb and gutter may require removal and replacement to meet the minimal requirements.
To be discussed at the Municipal Services Committee Meeting*

- 3. **Core samples will be required to be supplied by the owners of the road.**

*Core samples of the roadway will be required. Estimated costs for four cores and the report are \$500.00 through Testing Services Corporation, (TSC).
Core sample report received and attached. No further action required.*

- 4. **The road construction minimum standards are 9" aggregate base.**

*Response-The core report verifies that the roadway aggregate base is in compliance.
No further action required*

- 5 1.5" binder and 1.5" surface OR a minimal structural value of 2.0 and that the subgrade are determined to be at 93% maximum dry density in accordance with IDOT specifications.

*Response-The core report verifies that the roadway binder and surface is 1.75 and 2.03 inches respectively. Below is the hypothetical mathematical equation for the structural integrity as indicated through the core report.
No further action required.*

The coefficients for the abovementioned materials are as follows:

Aggregate Base .11

Binder .33

Surface .40

The mathematical equation for Ripple Ridge Cove is:

Aggregate Base 12.69 x .11=1.40

Binder 1.75 x .33=.58

Surface 2.03 x .40=.81

Average Total Structural Value 2.79

- 6 The road shall be inspected by the City and meet a minimum condition rating of 75.

Response-The condition rating is 78 and meets the minimal rating. The roadway pending dedication would be tentatively scheduled to be paved in 2017/18.

- 7 A minimum of a 5 foot easement on each side of the pavement is to be provided to the City for road maintenance.

Response-A dedication of a five foot easement would be required. Field conditions indicate that the easement could be provided.

- 8 The streets must provide for an appropriate turning radius within public R-O-W

*Response-The turning radius is sufficient.
No further action required.*

- 9 The owners of the private road shall be responsible for all costs pertaining to the transfer of the private street to the City.

Response-Costs include reimbursements for legal and engineering services. Examples include, but are not limited to title searches, ordinance preparation, legal description and plat preparation, etc. It is estimated to prepare the legal description and plat would be in the amount of approximately \$4,500. The estimate is based on a conversation with our consultant Christopher B. Burke Engineering. Please note the association is not

required to use the services of our consultant. Legal fees are estimated to be at approximately \$1,200.

The Association has indicated that they will utilize the services of the City's consultant, Christopher B. Burke Engineering.

10 The City will review and identify existing infrastructure deficiencies

Response-The City has reviewed and identified all infrastructures within the proposed roadway, and extending to a minimal of 5-feet beyond each side of the roadway. The analysis provides information regarding potential sub-standards or deficiencies that could require additional maintenance prior to the acceptance of a private road. The items include the following:

- A. Curbs and Gutters – There is approximately 165 lineal feet of curb and gutter that will require removal and replacement in several locations. Estimated costs for the removal and replacement are \$2,000.00.*
- B. Existing Roadway-There is a 6-foot x 6-foot asphalt patch that will require removal and replacement at a depth of 6-inches. Estimated costs for the removal and replacement are \$500.00.*
- C. Islands - The City will not maintain or landscape any islands or landscaping or parking area. Islands shall be noted in the easement language as responsibility of the Homeowners Association.*
- D. Landscaping-Rocks/Grass/Timbers - The City will not maintain or landscape any islands or landscaping. Landscaping shall be noted in the easement language as responsibility of the Homeowners Association.*
- E. Mailboxes - The City will not maintain any community mailboxes.*
- F. Storm Sewer Pipe and Structures – No issues*
- G. Sanitary/Storm Manholes and Structures – No issues*
- H. Street Lights/Coach Lights - The City will not maintain any street lighting. Lighting shall be noted in the easement language as responsibility of the Homeowners Association.*
- I. Walk ways-Ripple Ridge Cove has a carriage walk and would not be included in the dedication. The carriage walk shall be noted in the easement language as responsibility of the Homeowners Association.*
- J. Signs - Signage will not be allowed in the proposed easement.*

- K. Trees – The City will not maintain, remove or plant any trees. Tree maintenance shall be noted in the easement language as responsibility of the Homeowners Association.*

STAFF RECOMMENDATION

The staff recommends preliminary approval of a resolution to accept a Plat of Dedication for the Ripple Ridge Cove roadway within the Reflections at Hidden Lake Development subject to the above conditions.

ALTERNATE CONSIDERATION

Not approving the preliminary proposed Plat of Dedication.

DECISION MODE

This item will be placed on the agenda for the July 18, 2011 City Council agenda for formal approval.



May 23, 2011

Mr. Daniel Gombac
Director of Municipal Services
City of Darien
1702 Plainfield Road
Darien, IL 60561

RE: Dedication of Spring Court and Ripple Ridge Cove Streets to the
City of Darien, Illinois

Dear Mr. Gombac:

This letter is to advise you that the Reflections at Hidden Lake Condominium Association Board voted at our Thursday, May 19, 2011 Association Board meeting to approve the dedication of Spring Court and Ripple Ridge Cove to the City of Darien.

The Reflections Board hereby requests and authorizes the City of Darien to move forward with the dedication process. We also would like to take advantage of the City of Darien's offer to assist the Reflections Association with City contract pricing and in-house services at a pass through cost to assist with the facilitation of the street dedication. In particular, this would be of most assistance with regard to the curb and gutter concrete work identified as part of the infrastructure deficiencies for both streets. We will also reimburse the City for the legal and engineering services as part of the transfer of both streets to the City of Darien.

Our Association Property Manager, Mr. Brett Kovel of Elite Management Associates, Inc., will also begin arranging for the appropriate core roadway samples through Testing Services Corporation as part of the dedication procedures.

Please let us know what additional information will be required from the Association moving forward.

Thank you for your assistance with this dedication project.

Sincerely,

2011 Reflections at Hidden Lake Association Board
Karen English, President
Catherine Griffin, Vice President
Steve Lekas, Treasurer
Joanne Blattner, Secretary
Derek Ahlborn, Director



TESTING SERVICE CORPORATION

Local Office
Carol Stream, Illinois

June 22, 2011

Mr. Brett Kovel
Elite Management Associates, Inc.
P.O. Box 628
Western Springs, Illinois 60558

Local Office:

457 E. Gundersen Drive, Carol Stream, IL 60188-2492
630.653.3920 • Fax 630.653.2726

Corporate Office:

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

RE: L-76,887
Pavement Cores
Spring Court & Ridge Cove
Darien, Illinois

Dear Mr. Kovel:

As per your request, we have completed cores/subgrade borings on both Spring Court and Ridge Cove which are located in the Reflections at Hidden Lakes Subdivision in Darien, Illinois. These geotechnical services were provided in accordance with TSC Proposal No. 47,142 dated May 31, 2011 and the attached General Conditions, which are incorporated herein by reference.

Eight (8) cores/subgrade borings were performed for this study. Four (4) of these test locations were performed on Spring Court (i.e., C-1 thru 4) with the other four (4) locations being performed on Ridge Cove (i.e., C-5 thru 8).

The test locations were selected and marked in the field by a representative of the City of Darien. Once these locations were marked, J.U.L.I.E. (Joint Utility Locating Information for Excavators) was contacted so that the utilities could be cleared.

At each location the pavement was penetrated and sampled using a thin-walled diamond tipped, core barrel that was mounted on an electric coring machine. Once the pavement was penetrated, the core was measured and then labeled. Next the hole was advanced and sampled to the top of the subgrade level using hand-auger methods. The base course materials were described in the field with representative portions of each sample being placed in a plastic bag.

Next, a split-spoon sampler was manually driven so that the subgrade could be sampled. The soil samples were described in the field with representative portions of each sample being placed in a jar with a screw-type lid. It should be noted that an obstruction was encountered at the top of the subgrade at the location of C-1. Therefore, in order to obtain a subgrade sample, an additional boring was performed (i.e. C-1A).

Upon completion of the field work, the samples were transported to our laboratory for testing. Laboratory testing included the following; each core was described and measured by an experienced laboratory technician. The thickness of each lift was determined according to procedures specified by

Closure

The analysis and recommendations submitted in this report are based upon the data obtained from the eight (8) cores/borings performed at the locations indicated on the Location Plan. This report does not reflect any variations which may occur between these locations, the nature and extent of which may not become evident until during the course of construction. If variations are then identified, recommendations contained in this report should be re-evaluated after performing on-site observations.

Respectfully submitted,

TESTING SERVICE CORPORATION



Charles DuBose
Vice President
Registered Professional Engineer
Illinois No. 062-041049



Alfredo J. Bermudez, P. E.
Senior Geotechnical Engineer

CD:AJB:cn
Enc.



TESTING SERVICE CORPORATION

1. PARTIES AND SCOPE OF WORK: If Client is ordering the services on behalf of another, Client represents and warrants that Client is the duly authorized agent of said party for the purpose of ordering and directing said services, and in such case the term "Client" shall also include the principal for whom the services are being performed. Prices quoted and charged by TSC for its services are predicated on the conditions and the allocations of risks and obligations expressed in these General Conditions. Unless otherwise stated in writing, Client assumes sole responsibility for determining whether the quantity and the nature of the services ordered by Client are adequate and sufficient for Client's intended purpose. Unless otherwise expressly assumed in writing, TSC's services are provided exclusively for Client. TSC shall have no duty or obligation other than those duties and obligations expressly set forth in this Agreement. TSC shall have no duty to any third party. Client shall communicate these General Conditions to each and every party to whom the Client transmits any report prepared by TSC. Ordering services from TSC shall constitute acceptance of TSC's proposal and these General Conditions.

2. SCHEDULING OF SERVICES: The services set forth in this Agreement will be accomplished in a timely and workmanlike manner. If TSC is required to delay any part of its services to accommodate the requests or requirements of Client, regulatory agencies, or third parties, or due to any cause beyond its reasonable control, Client agrees to pay such additional charges, if any, as may be applicable.

3. ACCESS TO SITE: TSC shall take reasonable measures and precautions to minimize damage to the site and any improvements located thereon as a result of its services or the use of its equipment; however, TSC has not included in its fee the cost of restoration of damage which may occur. If Client desires or requires TSC to restore the site to its former condition, TSC will, upon written request, perform such additional work as is necessary to do so and Client agrees to pay to TSC the cost thereof plus TSC's normal markup for overhead and profit.

4. CLIENT'S DUTY TO NOTIFY ENGINEER: Client represents and warrants that Client has advised TSC of any known or suspected hazardous materials, utility lines and underground structures at any site at which TSC is to perform services under this agreement.

5. DISCOVERY OF POLLUTANTS: TSC's services shall not include investigation for hazardous materials as defined by the Resource Conservation Recovery Act, 42 U.S.C. § 6901, et seq., as amended ("RCRA") or by any state or Federal statute or regulation. In the event that hazardous materials are discovered and identified by TSC, TSC's sole duty shall be to notify Client.

6. MONITORING: If this Agreement includes testing construction materials or observing any aspect of construction of improvements, Client's construction personnel will verify that the pad is properly located and sized to meet Client's projected building loads. Client shall cause all tests and inspections of the site, materials and work to be timely and properly performed in accordance with the plans, specifications, contract documents, and TSC's recommendations. No claims for loss, damage or injury shall be brought against TSC unless all tests and inspections have been so performed and unless TSC's recommendations have been followed.

TSC's services shall not include determining or implementing the means, methods, techniques or procedures of work done by the contractor(s) being monitored or whose work is being tested. TSC's services shall not include the authority to accept or reject work or to in any manner supervise the work of any contractor. TSC's services or failure to perform same shall not in any way operate or excuse any contractor from the performance of its work in accordance

with its contract. "Contractor" as used herein shall include subcontractors, suppliers, architects, engineers and construction managers.

Information obtained from borings, observations and analyses of sample materials shall be reported in formats considered appropriate by TSC unless directed otherwise by Client. Such information is considered evidence, but any inference or conclusion based thereon is, necessarily, an opinion also based on engineering judgment and shall not be construed as a representation of fact. Subsurface conditions may not be uniform throughout an entire site and ground water levels may fluctuate due to climatic and other variations. Construction materials may vary from the samples taken. Unless otherwise agreed in writing, the procedures employed by TSC are not designed to detect intentional concealment or misrepresentation of facts by others.

7. DOCUMENTS AND SAMPLES: Client is granted an exclusive license to use findings and reports prepared and issued by TSC and any sub-consultants pursuant to this Agreement for the purpose set forth in TSC's proposal provided that TSC has received payment in full for its services. TSC and, if applicable, its sub-consultant, retain all copyright and ownership interests in the reports, boring logs, maps, field data, field notes, laboratory test data and similar documents, and the ownership and freedom to use all data generated by it for any purpose. Unless otherwise agreed in writing, test specimens or samples will be disposed immediately upon completion of the test. All drilling samples or specimens will be disposed sixty (60) days after submission of TSC's report.

8. TERMINATION: TSC's obligation to provide services may be terminated by either party upon (7) seven days prior written notice. In the event of termination of TSC's services, TSC shall be compensated by Client for all services performed up to and including the termination date, including reimbursable expenses. The terms and conditions of these General Conditions shall survive the termination of TSC's obligation to provide services.

9. PAYMENT: Client shall be invoiced periodically for services performed. Client agrees to pay each invoice within thirty (30) days of its receipt. Client further agrees to pay interest on all amounts invoiced and not paid or objected to in writing for valid cause within sixty (60) days at the rate of twelve (12%) per annum (or the maximum interest rate permitted by applicable law, whichever is the lesser) until paid and TSC's costs of collection of such accounts, including court costs and reasonable attorney's fees.

10. WARRANTY: TSC's professional services will be performed, its findings obtained and its reports prepared in accordance with these General Conditions and with generally accepted principles and practices. In performing its professional services, TSC will use that degree of care and skill ordinarily exercised under similar circumstances by members of its profession. In performing physical work in pursuit of its professional services, TSC will use that degree of care and skill ordinarily used under similar circumstances. This warranty is in lieu of all other warranties or representations, either express or implied. Statements made in TSC reports are opinions based upon engineering judgment and are not to be construed as representations of fact.

Should TSC or any of its employees be found to have been negligent in performing professional services or to have been breached in any express or implied warranty, representation or contract, Client, all parties claiming through Client and all parties claiming to have in any way relied upon TSC's services or work agree that the maximum aggregate amount of damages for which TSC, its officers, employees and agents shall be liable is limited to \$50,000 or the total amount of the fee paid to TSC for its services performed with respect to the project, whichever amount is greater.

GENERAL CONDITIONS

Geotechnical and Construction Services

In the event Client is unwilling or unable to limit the damages for which TSC may be liable in accordance with the provisions set forth in the preceding paragraph, upon written request of Client received within five days of Client's acceptance of TSC's proposal together with payment of an additional fee in the amount of 5% of TSC's estimated cost for its services (to be adjusted to 5% of the amount actually billed by TSC for its services on the project at time of completion), the limit on damages shall be increased to \$500,000 or the amount of TSC's fee, whichever is the greater. This charge is not to be construed as being a charge for insurance of any type, but is increased consideration for the exposure to an award of greater damages.

11. INDEMNITY: Subject to the provisions set forth herein, TSC and Client hereby agree to indemnify and hold harmless each other and their respective shareholders, directors, officers, partners, employees, agents, subsidiaries and division (and each of their heirs, successors, and assigns) from any and all claims, demands, liabilities, suits, causes of action, judgments, costs and expenses, including reasonable attorneys' fees, arising, or allegedly arising, from personal injury, including death, property damage, including loss of use thereof, due in any manner to the negligence of either of them or their agents or employees or independent contractors. In the event both TSC and Client are found to be negligent or at fault, then any liability shall be apportioned between them pursuant to their pro rata share of negligence or fault. TSC and Client further agree that their liability to any third party shall, to the extent permitted by law, be several and not joint. The liability of TSC under this provision shall not exceed the policy limits of insurance carried by TSC. Neither TSC nor Client shall be bound under this indemnity agreement to liability determined in a proceeding in which it did not participate represented by its own independent counsel. The indemnities provided hereunder shall not terminate upon the termination or expiration of this Agreement, but may be modified to the extent of any waiver of subrogation agreed to by TSC and paid for by Client.

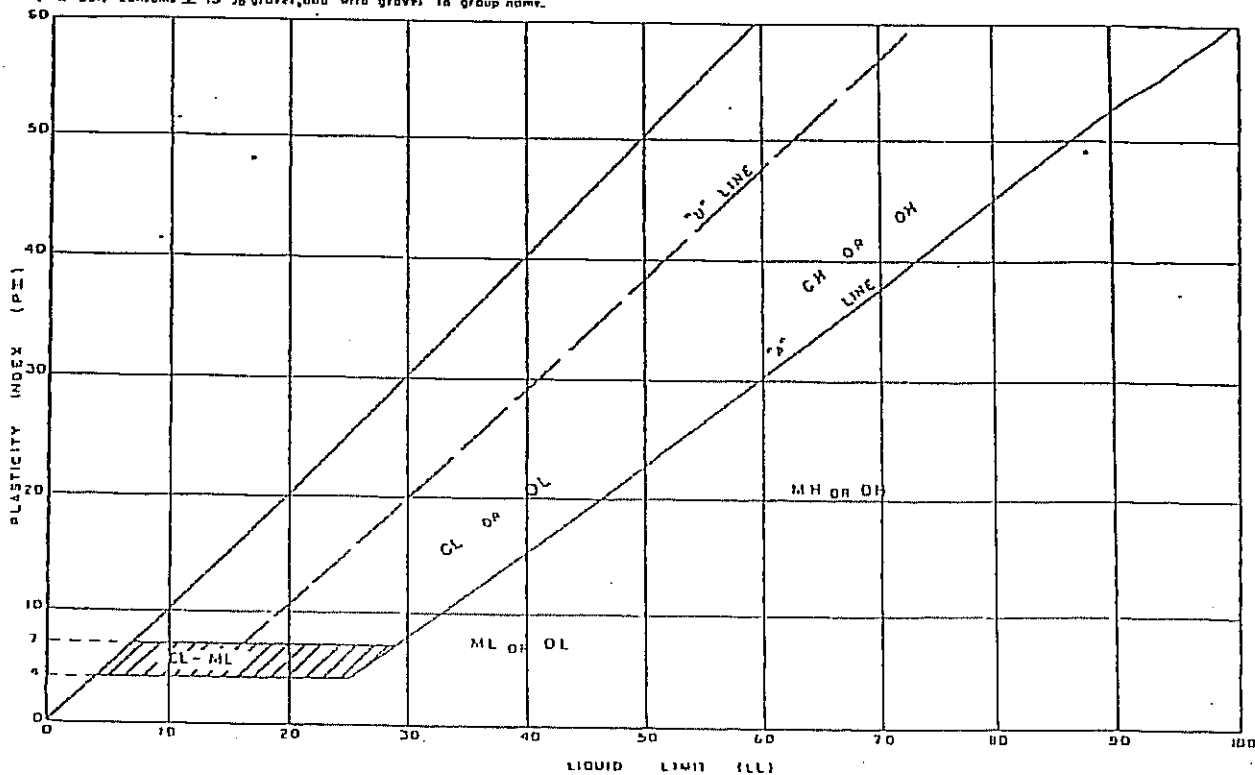
12. SUBPOENAS: TSC's employees shall not be retained as expert witnesses except by separate, written agreement. Client agrees to pay TSC pursuant to TSC's then current fee schedule for any TSC employee(s) subpoenaed by any party as an occurrence witness as a result of TSC's services.

13. OTHER AGREEMENTS: TSC shall not be bound by any provision or agreement (i) requiring or providing for arbitration of disputes or controversies arising out of this Agreement or its performance, (ii) wherein TSC waives any rights to a mechanics lien or surety bond claim; (iii) that conditions TSC's right to receive payment for its services upon payment to Client by any third party or (iv) that requires TSC to indemnify any party beyond its own negligence. These General Conditions are notice, where required, that TSC shall file a lien whenever necessary to collect past due amounts. This Agreement contains the entire understanding between the parties. Unless expressly accepted by TSC in writing prior to delivery of TSC's services, Client shall not add any conditions or impose conditions which are in conflict with those contained herein, and no such additional or conflicting terms shall be binding upon TSC. The unenforceability or invalidity of any provision or provisions shall not render any other provision or provisions unenforceable or invalid. This Agreement shall be construed and enforced in accordance with the laws of the State of Illinois. In the event of a dispute arising out of or relating to the performance of this Agreement, the breach thereof or TSC's services, the parties agree to try in good faith to settle the dispute by mediation under the Construction Industry Mediation Rules of the American Arbitration Association as a condition precedent to filing any demand for arbitration, or any petition or complaint with any court. Paragraph headings are for convenience only and shall not be construed as limiting the meaning of the provisions contained in these General Conditions.

**TESTING SERVICE CORPORATION
UNIFIED CLASSIFICATION CHART**

| CRITERIA FOR ASSIGNING GROUP SYMBOLS AND GROUP NAMES USING LABORATORY TESTS ^a | | | | SOIL CLASSIFICATION | |
|--|---|--|---|---------------------|---|
| | | | | GROUP SYMBOL | GROUP NAME ^b |
| COARSE-GRAINED SOILS more than 50% retained on No. 200 sieve | GRAVELS More than 50% of coarse fraction retained on No. 4 sieve | CLEAN GRAVELS Less than 5% fines ^c | $C_u \geq 4$ and $1 \leq C_c \leq 3$ ^e | GW | Well graded gravel ^f |
| | | | $C_u < 4$ and/or $1 > C_c > 3$ ^e | GP | Poorly graded gravel ^f |
| | | GRAVELS WITH FINES More than 12% fines ^c | Fines classify as ML or MH | GM | Silty gravel ^{f, g, h} |
| | SANDS 50% or more of coarse fraction passes No. 4 sieve | CLEAN SANDS Less than 5% fines ^d | $C_u \geq 6$ and $1 \leq C_c \leq 3$ ^e | SW | Well-graded sand ^f |
| | | | $C_u < 6$ and/or $1 > C_c > 3$ ^e | SP | Poorly graded sand ^f |
| | | SANDS WITH FINES More than 12% fines ^d | Fines classify as ML or MH | SM | Silty sand ^{g, h, i} |
| FINE-GRAINED SOILS 50% or more passed the No. 200 sieve | SILTS & CLAYS Liquid limit less than 50% | Inorganic | $PI > 7$ and plots on or above "A" line ^j | CL | Lean clay ^{k, l, m, n} |
| | | | $PI < 4$ or plots below "A" line ^j | ML | Silt ^{k, l, m} |
| | | Organic | $\frac{\text{Liquid limit} - \text{oven dried}}{\text{Liquid limit} - \text{not dried}} < 0.75$ | OL | Organic clay ^{k, l, m, n} Organic silt ^{k, l, m, n, o} |
| | SILTS & CLAYS Liquid limit 50% or more | Inorganic | PI plots on or above "A" line | CH | Fat clay ^{k, l, m} |
| | | | PI plots below "A" line | MH | Elastic silt ^{k, l, m} |
| | | Organic | $\frac{\text{Liquid limit} - \text{oven dried}}{\text{Liquid limit} - \text{not dried}} < 0.75$ | OH | Organic clay ^{k, l, m, n} Organic silt ^{k, l, m, n, o} |
| Highly organic soils | Primarily organic matter, dark in color, and organic odor | | | PT | Peat |

- a. Based on the material passing the 3-in (75-mm) sieve.
b. If field sample contained cobbles and/or boulders, add "with cobbles and/or boulders" to group name.
c. Gravels with 5 to 12% fines require dual symbols
GW-GM well graded gravel with silt
GW-GC well graded gravel with clay
GP-GM poorly graded gravel with silt
GP-GC poorly graded gravel with clay
d. Sands with 5% to 12% fines require dual symbols
SW-SM well graded sand with silt
SW-SC well graded sand with clay
SP-SM poorly graded sand with silt
SP-SC poorly graded sand with clay
e. $C_u = D_{60}/D_{10}$ $C_c = \frac{D_{30}^2}{D_{10} \times D_{60}}$
f. If soil contains $\geq 15\%$ sand, add "with sand" to group name.
g. If fines classify as CL-ML, use dual symbol OC-GM, SC-SM.
h. If fines are organic, add "with organic fines" to group name.
i. If soil contains $\geq 15\%$ gravel, add "with gravel" to group name.
j. If Atterberg Limits plot in hatched area, soil is CL-ML, silty clay.
k. If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel" whichever is predominant.
l. If soil contains $\geq 30\%$ plus No. 200, predominantly sand, add "sandy" to group name.
m. If soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name.
n. $PI \geq 4$ and plots on or above "A" line.
o. $PI \geq 4$ or plots below "A" line.
p. PI plots on or above "A" line.
q. PI plots below "A" line.



TESTING SERVICE CORPORATION
457 East Gundersen Drive
Carol Stream, Illinois 60188

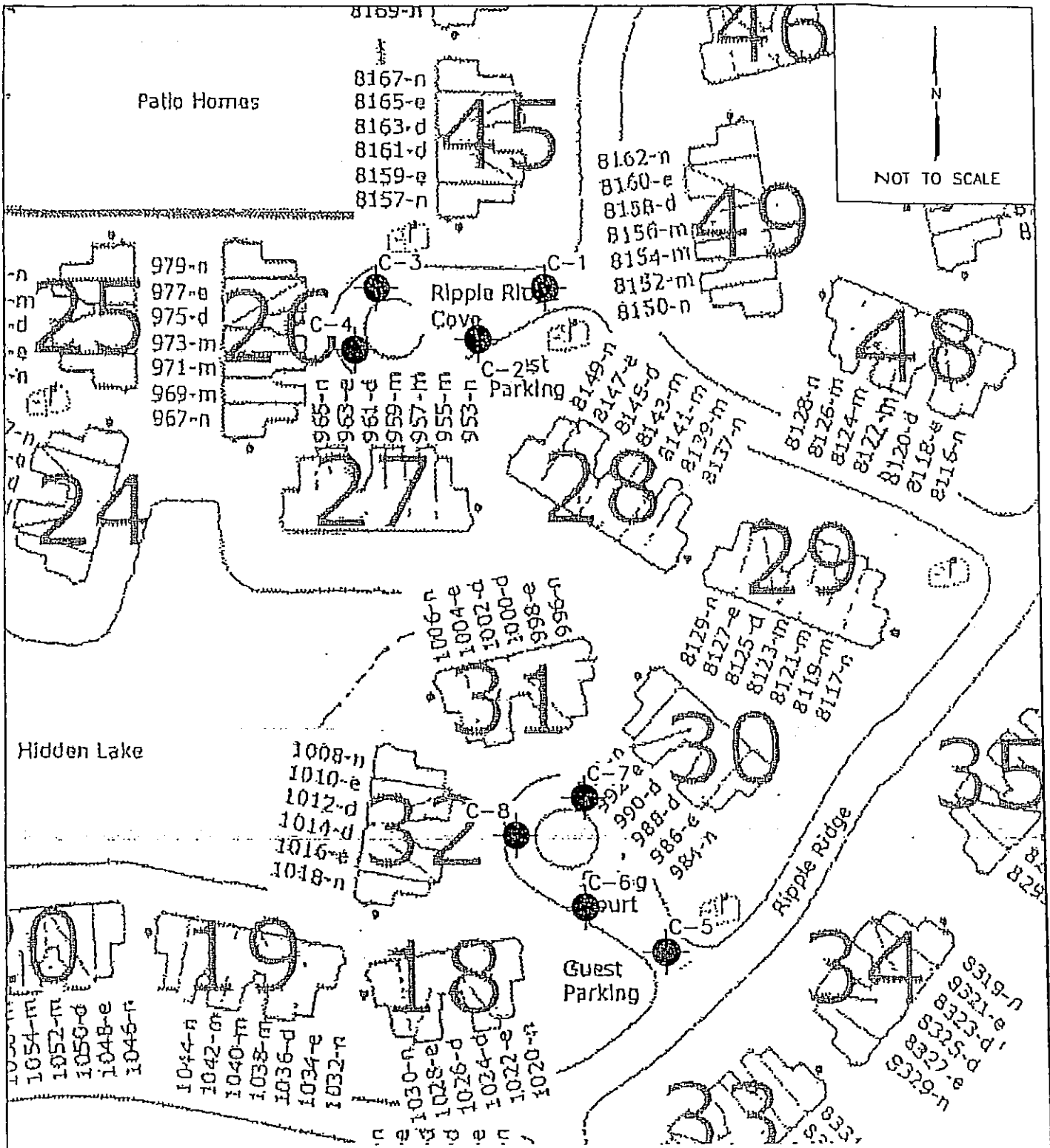
JOB NO> L-76,887

PROJECT: Ripple Ridge Court
The Reflections at Hidden Lake
Darien, Illinois

CLIENT: Elite Management Associates, Inc.


REPORT OF SOIL TEST DATA

| LOCATION | DEPTH BELOW SURFACE | WATER CONTENT (PERCENT) | DRY UNIT WEIGHT (IN PCF) | UNCONFINED COMPRESSIVE STRENGTH (IN TSF) | SOIL DESCRIPTION |
|----------|---------------------|-------------------------|--------------------------|--|--|
| C-1A/S-1 | 0 - 16" | | | | Pavement Section |
| C-1A/S-2 | 16" - 20" | 19.5 | | | FILL - Brownish-gray clayey SAND and GRAVEL, trace brick, moist (SC) |
| C-2/S-1 | 0 - 15½" | | | | Pavement Section |
| C-2/S-2 | 15½" - 34" | 25.4 | 99.9 | 1.0' | FILL - Brown silty CLAY, little to some sand, little gravel, very moist (CL) |
| C-3/S-1 | 0 - 16" | | | | Pavement Section |
| C-3/S-2 | 16" - 30" | 27.5 | 93.5 | 2.0' | FILL - Black and dark gray silty CLAY, little sand, trace gravel, trace organic, very moist (CL) |
| C-4/S-1 | 0 - 15½" | | | | Pavement Section |
| C-4/S-2 | 15½" - 28" | 26.1 | | 1.25' | Tough dark brown and gray silty CLAY, little sand, trace gravel, trace organics, very moist (CL) |
| C-4/S-3 | 28" - 36" | 21.0 | | 1.75' | Tough brown and gray silty CLAY, little sand, trace gravel, moist (CL) |
| C-5/S-1 | 0 - 16" | | | | Pavement Section |
| C-5/S-2 | 16" - 26" | | | | Crushed Concrete (2½" diameter maximum particle size) |
| C-5/S-3 | 26" - 36" | 16.8 | 115.9 | 4.5+* | Hard brown silty CLAY, little sand, trace gravel, moist (CL) |
| C-6/S-1 | 0 - 13" | | | | Pavement Section |
| C-6/S-2 | 13" - 36" | 14.2 | 120.1 | 4.5' | Hard brown silty CLAY, trace sand and gravel, moist (CL) |
| C-7/S-1 | 0 - 20" | | | | Pavement Section |
| C-7/S-2 | 20" - 36" | 16.7 | 116.1 | 4.5** | Hard brown silty CLAY, little sand, trace gravel, moist (CL) |
| C-8/S-1 | 0 - 17" | | | | Pavement Section |
| C-8/S-2 | 17" - 36" | 14.6 | 120.0 | Disturbed | Brown and gray silty CLAY, little to some sand, trace gravel, moist (CL) |



**PAVEMENT CORE LOCATION PLAN
 REFLECTIONS AT HIDDEN LAKE
 SPRING COURT AND RIPPLE RIDGE COVE
 DARIEN ILLINOIS**

LEGEND

 CORE LOCATION



TESTING SERVICE CORPORATION
 457 EAST GUNDERSEN DRIVE
 CAROL STREAM, ILLINOIS 60188

DRAWN BY: TRP

CHECKED BY: CRD

JOB NO. : L-76,887

DATE: 06-22-11

PAGE NO.

1 OF 1

ASTM D 3549. The reported thicknesses are the average of four (4) measurements at the quarterpoints around the periphery of the core.

Soil samples were examined in the laboratory to verify field descriptions and to classify them in accordance with the Unified Soil Classification System. Laboratory testing included moisture content determinations for all cohesive soil types. An estimate of unconfined compressive strength was obtained for all cohesive soils using a calibrated pocket penetrometer. Dry unit weight tests were also run on specimens of clay fill.

The results of the pavement observations are summarized below with the results of the laboratory soil tests being presented on the "Report of Soil Test Data Sheet" which is included with this report.

Spring Court (C-1 thru 4)

| | | |
|------|-------------|--------------------------------------|
| C-1A | 1.3" | Bituminous Surface Course |
| | <u>1.9"</u> | Bituminous Binder Course |
| | 3¼" | Total Bituminous Thickness |
| | 12¼" | Crushed Stone (1" diameter to fines) |
| C-1 | 1.3" | Bituminous Surface Course |
| | <u>2.1"</u> | Bituminous Binder Course |
| | 3½" | Total Bituminous Thickness |
| | 12½" | Crushed Stone (1" diameter to fines) |
| C-2 | 1.9" | Bituminous Surface Course |
| | <u>2.5"</u> | Bituminous Binder Course |
| | 4½" | Total Bituminous Thickness |
| | 10½" | Crushed Stone (1" diameter to fines) |
| C-3 | 2.2" | Bituminous Surface Course |
| | <u>2.4"</u> | Bituminous Binder Course* |
| | 4½" | Total Bituminous Thickness |
| | 11½" | Crushed Stone (1" diameter to fines) |

* Not bonded to overlying fill.

C-4 1.8" Bituminous Surface Course
 2.8" Bituminous Binder Course*
 4½" Total Bituminous Thickness

 11" Crushed Stone (1" diameter to fines)

Ridge Cove (C-5 thru 8)

C-5 1.9" Bituminous Surface Course
 1.4" Bituminous Binder Course
 3¼" Total Bituminous Thickness

 12½" Crushed Stone (1" diameter to fines)

C-6 2.0" Bituminous Surface Course
 2.5" Bituminous Binder Course*
 4½" Total Bituminous Thickness

 8½" Crushed Stone (1" diameter to fines)

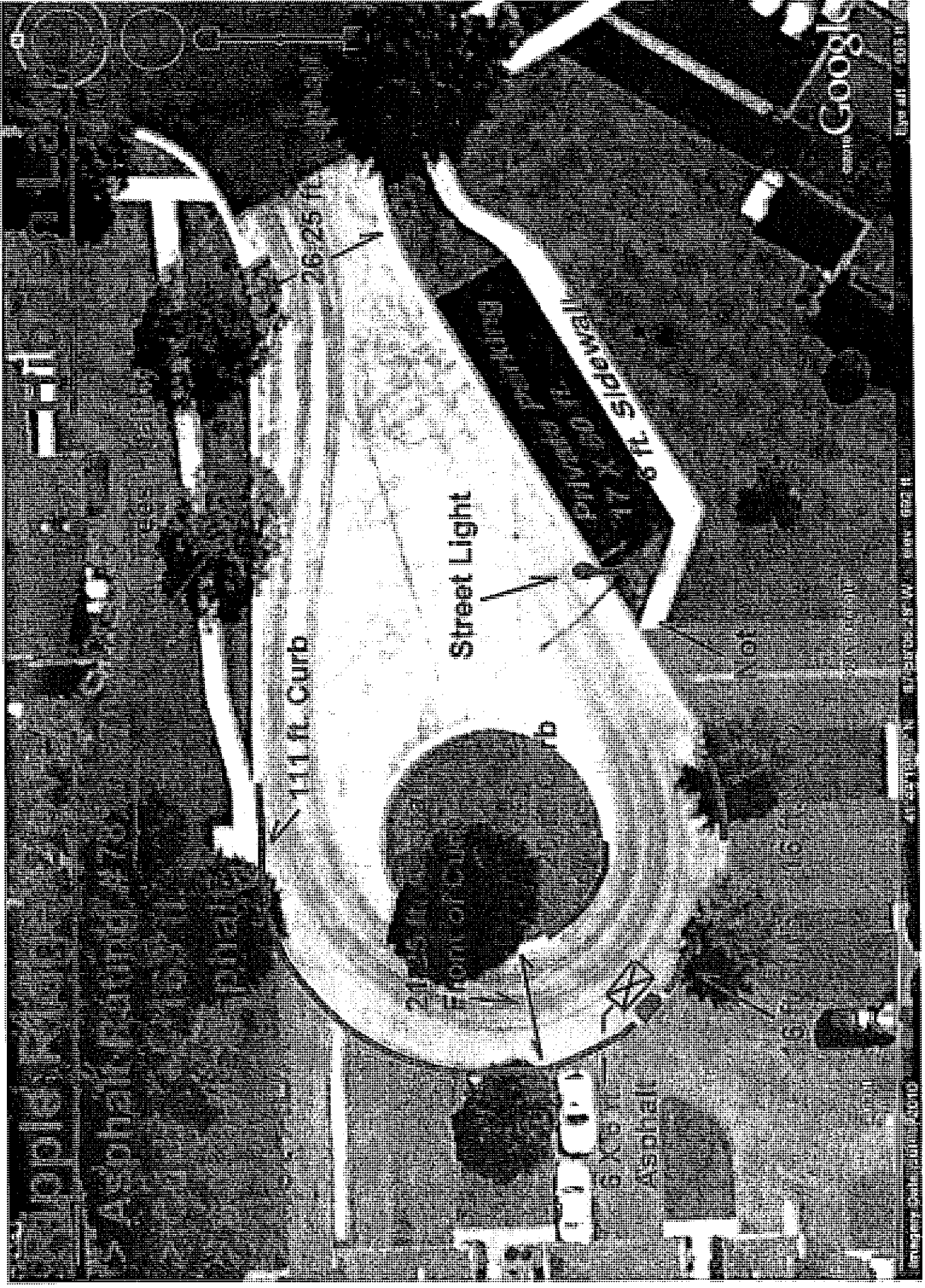
C-7 2.2" Bituminous Surface Course
 1.8" Bituminous Surface Course (no Binder Course found)
 4" Total Bituminous Thickness

 16" Crushed Stone (1" diameter to fines)

C-8 2.0" Bituminous Surface Course
 1.3" Bituminous Binder Course
 3¼" Total Bituminous Thickness

 13¾" Crushed Stone (1" diameter to fines)

* Not bonded to overlying fill



Google

111 ft. Curb

26.25 ft.

Street Light

16 ft Sidewalk

16 ft Sidewalk

16 ft Sidewalk

16 ft Sidewalk

Google

16 ft Sidewalk

16 ft Sidewalk

AGENDA MEMO
Municipal Services Committee
June 27, 2011

ISSUE STATEMENT

The Committee is requested to review and provide a recommendation for a request regarding the installation of informational signage within certain right of ways for the Darien Swim and Racquet Club.

BACKGROUND

Staff has received correspondence from the Darien Swim and Racquet Club, see attached, requesting the installation of seven (7) informational directional signage for the private facility, within various right of ways throughout the City. The locations are: 1) Southbound on Cass Ave just north of Hinsbrook Ave; 2) Northbound on Cass Ave just south of Hinsbrook Ave; 3) Eastbound on 71st Street just west of Seminole Drive; 4) Westbound on 71st Street just east of Seminole Drive; 5) Westbound on Plainfield Road just east of Seminole Drive and 6) & 7) to be determined northbound and southbound. The basis of the request is to inform motorists of the location through directional signage. The request also included Cass Avenue and Plainfield Road. While the City does not have jurisdiction over the abovementioned roadways, staff has contacted the County to review the signage request on behalf of the Darien Swim and Racquet Club. The County has responded that they would allow the signs if the facility generated 200,000 patrons per year. The Darien Swim and Racquet Club does not meet the per year criteria. The City conducted a review that no private informational signs exist within any City of Darien right of ways.

The Committee is requested to review the following two considerations:

1. Do not allow private informational signs within any right of way that does not meet the criteria of 200,000 patrons.
2. Upon the Municipal Services Committee and City Council review allow the placement of private informational signs within a right of way with the following conditions:
 - a. The signs and hardware shall be in compliance with latest edition of the Manual on Uniform Traffic Control Design.
 - b. The City shall purchase all signage at a pass through cost.
 - c. The petitioner shall be responsible for all administrative and labor related costs.
 - d. The petitioner shall provide full payment to the City of Darien prior to any purchase or installation of signage.
 - e. The City will remove and replace any damaged or faded signage at the petitioner's expense.

STAFF RECOMMENDATION

Staff is not opposed to the installation of the signs as presented under Consideration 2 above.

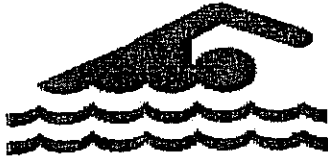
ALTERNATE CONSIDERATION

As directed by the Municipal Services Committee.

DECISION MODE

This item will be placed on the July 18, 2011 City Council agenda for formal consideration.

SWIMMING IS A HEALTHY AND FUN SUMMERTIME ACTIVITY!



DARIEN SWIM & RACQUET CLUB

**1001 HINSBROOK AVE,
DARIEN, ILLINOIS 60651
www.darienswim.com**

May 23, 2011

RE: REQUEST FOR DSRC STREET SIGNS

Joe Marchese, Municipal Services Committee Chair
Dan Gombac, Director of Municipal Services
City of Darien
1702 Plainfield Road,
Darien, Illinois

Dear Sirs:

This is our formal request for the approval and installation of directional street signs in Darien, Illinois that will help to conveniently guide new and current members of the Darien Swim & Racquet Club to its location.

The Darien Swim & Racquet Club was built in 1969 in the Hinsbrook Subdivision of Darien, Illinois. Originally the clubs consisted of tennis courts and 3 swimming pools, however approximately 15 years ago the tennis courts were removed. The property is owned by the Hinsbrook Homeowners Association, and leased to the Darien Swim & Racquet Club, hereinafter "DSRC", a not for profit Illinois Corporation.

The DSRC is a private, membership driven social organization with a mission to provide Darien area residents with a safe and fun environment to enjoy swimming and diving. As a not-for-profit organization, the DSRC cannot compete with other non-Darien aquatic centers like Life Time Fitness, Five Seasons, and Cypress Cove. The DSRC would like to provide Darien residents will a clear path to its pools and keep the business local.

As such, the DSRC is seeking the installation of (5) five street signs that will help Darien residents locate the DSRC.

The five desired locations are :

- 1) Southbound on Cass Ave., just north of Hinsbrook Ave.
- 2) Northbound on Cass Ave., just south of Hinsbrook Ave.
- 3) Eastbound on 71st. Street, just west of Seminole Drive
- 4) Westbound on 71st. Street, just east of Seminole Drive
- 5) Westbound on Plainfield Road, just east of Seminole Drive.

6) To be determined i) northbound i) southbound
I have attached 3 pdfs which map on the suggested locations. All signs would consist of the name "Darien Swim & Racquet Club", an arrow pointing to the club, and the distance. Locations 1,2,3,4 would

DSRC IS A NON-FOR-PROFIT CLUB

SWIMMING IS A HEALTHY AND FUN SUMMERTIME ACTIVITY!

have a distance of "1 block", and location found would have a distance of "5 blocks". I have attached a pdf with a sample of what we would like the signs to look like. Preferably the signs would be blue with white letters.

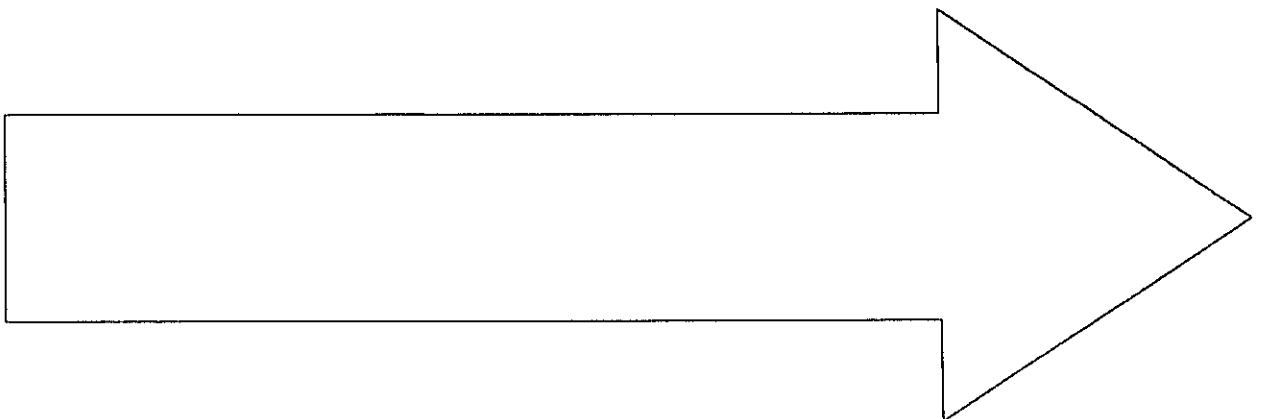
Please let me know what other information you would need from our organization. I can be reached at 630-418-2046.

Thank you

Tom Belczak
President, DSRC


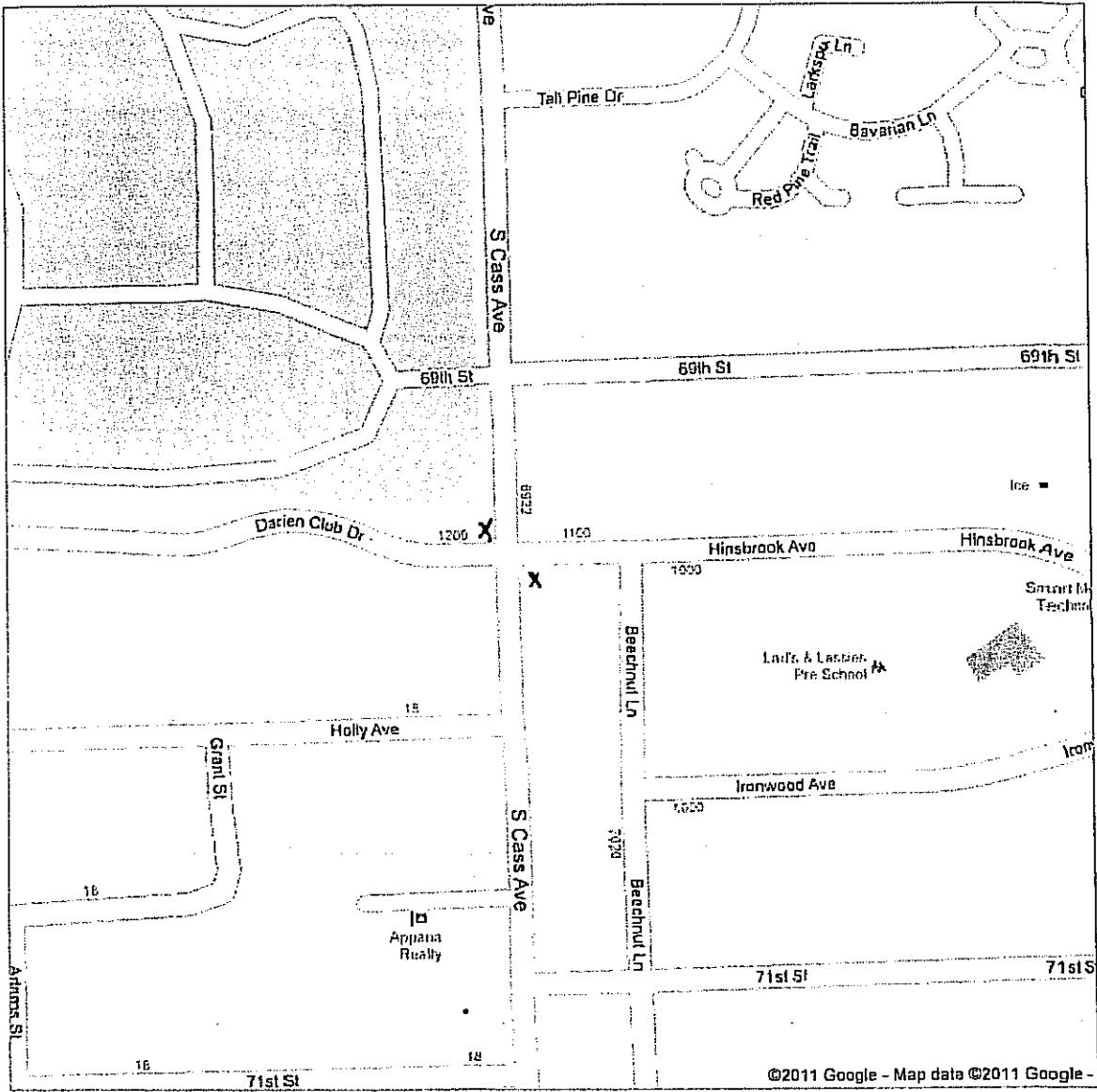
DARIEN
SWIM &
RACQUET
CLUB

1 BLOCK




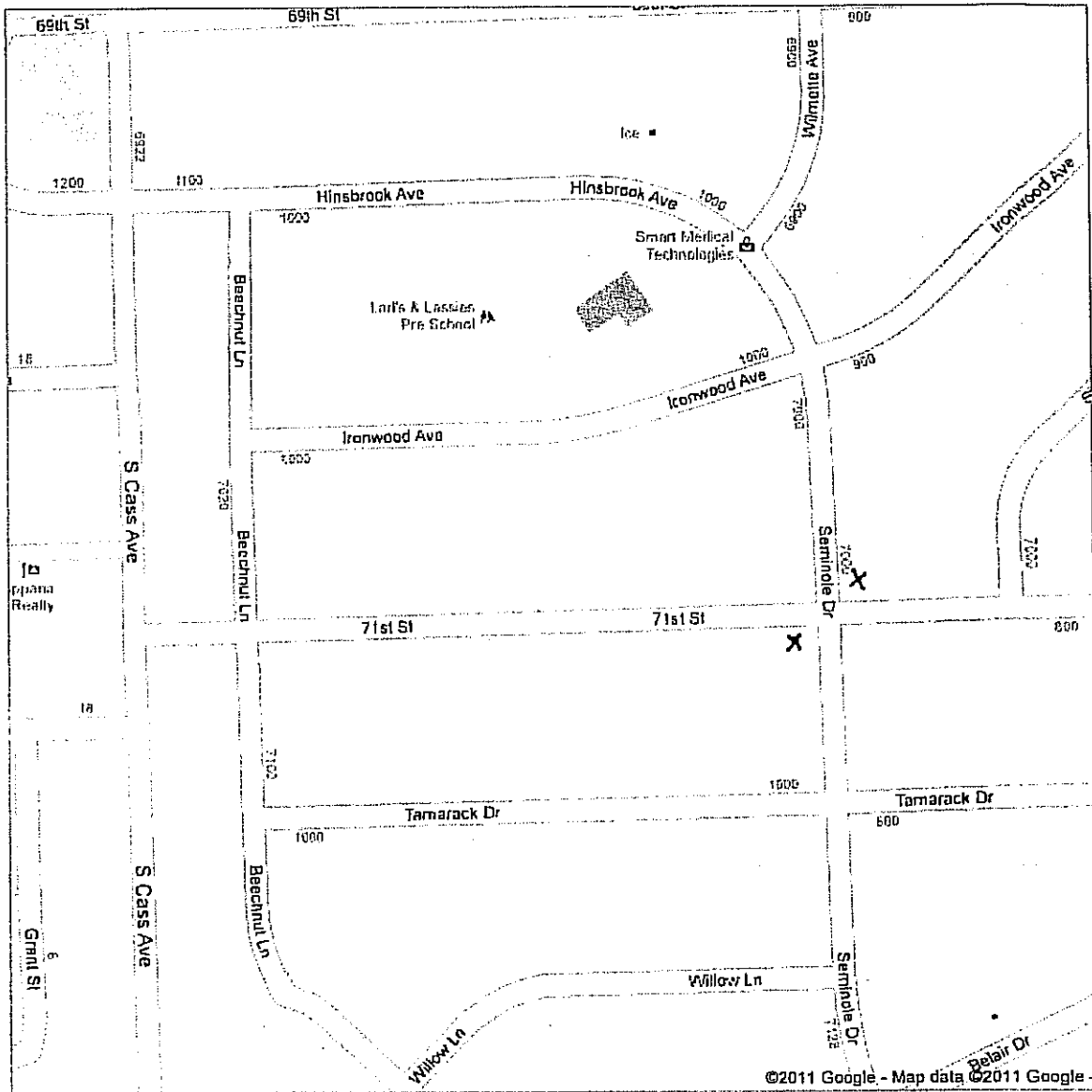
Google maps Address Darien, IL

Get Google Maps on your phone
 Text the word "GMAPS" to 466453


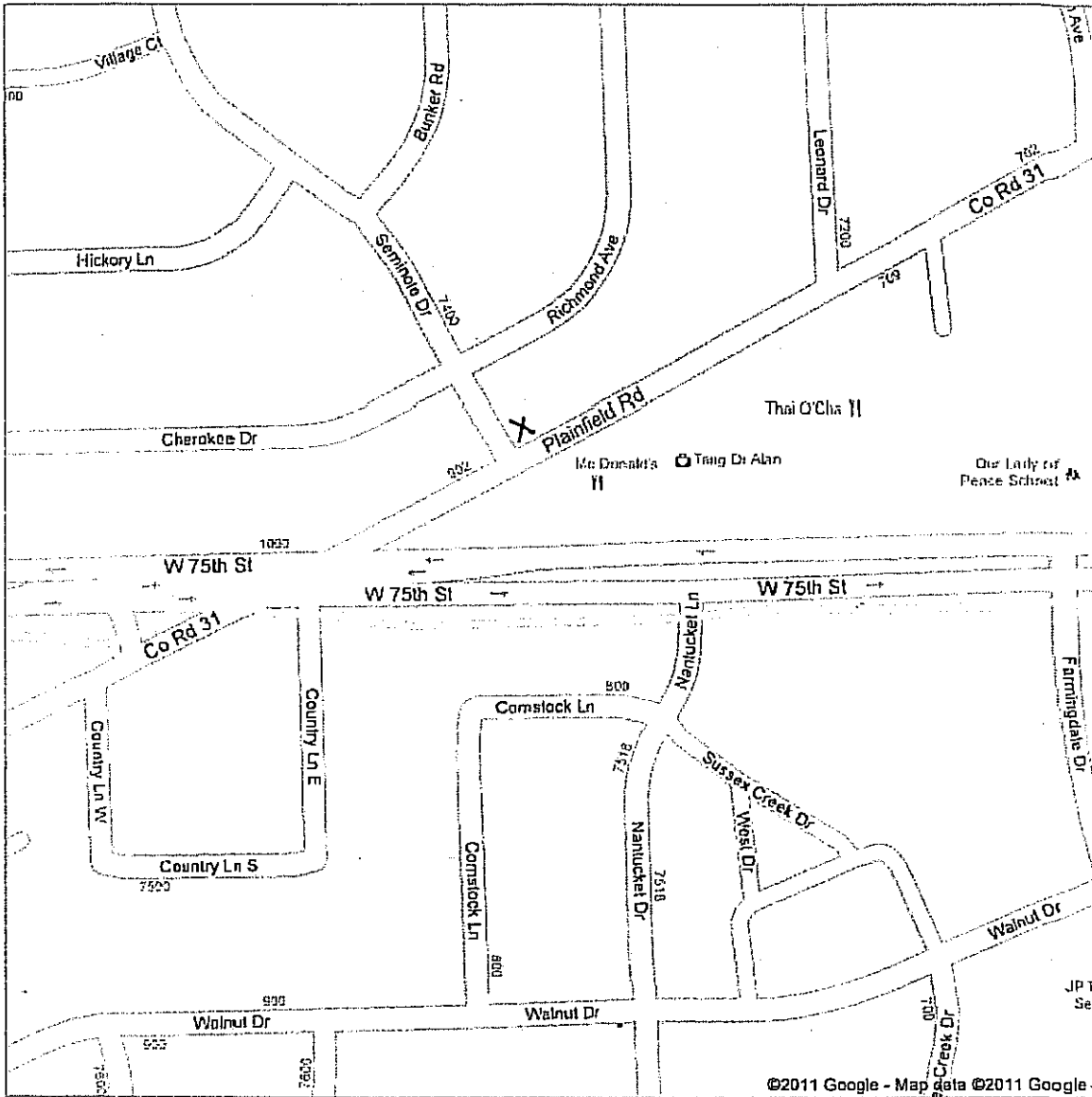
Google maps Address Darien, IL

Get Google Maps on your phone
 Text the word "GMAPS" to 466453

Google maps Address Darien, IL

Get Google Maps on your phone
 Text the word "GMAPS" to 466-6453

Ashley Prueter

From: Dan Gombac
Sent: Friday, June 17, 2011 9:59 AM
To: Ashley Prueter
Subject: FW: Darien Swim & Racquet Club Street Signs.
Attachments: DARIEN SWIM SIGN.doc; Seminole 71st maps.google.pdf; Seminole Plainfield maps.google.pdf; Cass Hinsbrook maps.google.pdf; Darien street sign proposal.doc

Please print out att

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Ziesemer, David [<mailto:David.Ziesemer@dupageco.org>]
Sent: Wednesday, June 01, 2011 9:25 AM
To: Dan Gombac
Subject: FW: Darien Swim & Racquet Club Street Signs.

Dan-

John asked me to respond to Mr. Belczak's request.

New requests for traffic generator signs are reserved for attractions which constantly serve large volumes of motorists outside the community who are not familiar with the local street network. In order to serve these establishments fairly DuPage as well as the vast majority of county governments have adopted the use of the "State of Illinois guidelines for Traffic Generation Signs". This guideline requires an annual minimum attendance of 200,000 visitors to justify the installation signs. Should the Darien Swim and Racquet Club feel as they can document this attendance requirement please asked them to submit their finding to me for review and approval. Upon approval the County will post signs where applicable.

The County's guideline for existing traffic generator signs is to leave them up until they are damaged or deteriorated; at which time we will have them removed.

Call me at 630/407-6893 if you have any questions.

From: Dan Gombac [<mailto:dgombac@darienil.gov>]
Sent: Tuesday, May 24, 2011 9:35 AM
To: Kos, John
Cc: tjbelczak@att.net; Joe Marchese; Bryon Vana
Subject: FW: Darien Swim & Racquet Club Street Signs.

Good Morning John:

Attached please find a request from Mr. Thomas Belczak, President of the Darien Swim and Racquet Club regarding the placement of informational directional signs adjacent to Plainfield Road and Cass Ave for the swimming pool and club. Please let Mr. Belczak and me know the County's protocol for the placement of such signs.

Thanks

Daniel Gombac

Director of Municipal Services

630-353-8106

From: Thomas Belczak [<mailto:tjbelczak@att.net>]
Sent: Monday, May 23, 2011 4:29 PM
To: Joe Marchese
Cc: Dan Gombac
Subject: Darien Swim & Racquet Club Street Signs.

Joe :

Attached please find

- 1) Proposal/Request for sign placement for the Darien Swim & Racquet Club
- 2) 3 maps of the areas in which signs are proposed
- 3) Basic Proposal of what the sign should look like.

Please review this with Mr. Gombac & the Municipal Services Committee & let me know what the next step will be needed to have this request reviewed.

Tom Belczak
President, DSRC

Ashley Prueter

From: Dan Gombac
Sent: Friday, June 17, 2011 3:18 PM
To: forward for smcivor
Cc: Bryon Vana; Ashley Prueter
Subject: RE: Ward 6 News

Good Afternoon Brian:

Currently we do not allow informational signs for private institutions within the City right of ways. Please let me know the location of the sign(s). The issue regarding informational signs placed on City right of ways will be up for discussion at our Municipal Services Committee Meeting, scheduled for June 27, 2011 at 6:30 pm in the Council Chambers at the City Hall. Please feel free to come and provide comment. I will share this e-mail with the Committee.

Sincerely

Daniel Gombac
Director of Municipal Services
630-353-8106

From: Sylvia McIvor [<mailto:smcivor@energysystemsgroup.com>]
Sent: Friday, June 17, 2011 2:50 PM
To: Brian From
Cc: Dan Gombac; Bryon Vana; Scott Coren
Subject: RE: Ward 6 News

Forwarding your question to the City.

Sylvia McIvor
Sales Manager
Energy Systems Group
www.energysystemsgroup.com

From: Brian From [<mailto:brian.from@fourcornerscommunity.org>]
Sent: Friday, June 17, 2011 10:11 AM
To: Sylvia McIvor
Subject: Re: Ward 6 News

Sylvia,

Thanks for continuing to include me on these emails, they are very helpful.

This also reminded me that I had a question that hopefully you could answer or at least point me in the right direction. Often times, churches can get small blue signs on street corners pointing people in the direction of the church that seem uniformed and provided by the city. I've certainly seen them around Downers Grove. Wondering if Darien does that and if so, who would I speak to about getting one for our church?

Thanks again Sylvia!

Brian From



DARIEN WARD 6 NEWS

June 17, 2011



Darien City Council Meeting

Monday, June 20, 2011—7PM Work Session, 7:30 Meeting

Attention Ward 6 Residents

Next Darien City Council Agenda

Please see the following link for the next City Council Agenda:

<http://www.darien.il.us/Government/Minutes/2011/Council/110620/Agenda.htm>

The City Administrator's contract is on this Agenda.

The City needs YOUR help (the rainy weather continues!)

The recent rainy weather can wreak havoc on our city's drainage system and cause flooding. If you have a storm sewer cover on or near your property (street or backyard), please keep it clear of debris (leaves, branches, trash, etc.). If you are unable to do this yourself, please contact Ashley Prueter at (630) 353-8105. In fact, if you have any questions regarding drainage concerns, please contact Ashley.



Have a wonderful weekend!

Alderman Sylvia McIvor

Questions or comments? Email me at smcivor@energysystemsgroup.com or call 312-961-9230

DISCLAIMER:

The information transmitted is intended only for designated recipient(s) and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and do not retain but destroy any copies of this document.

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MINUTES
CITY OF DARIEN
MUNICIPAL SERVICES COMMITTEE
May 23, 2011

PRESENT: Chairperson Joseph Marchese, Alderman Ted Schauer, Dan Gombac-Director, Michael Griffith-Senior Planner

ABSENT: Alderman Halil Avci, & Elizabeth Lahey - Secretary

Chairperson Marchese called the Municipal Services Committee Meeting to order at 5:15 p.m. at City Hall - City Hall Conference Room, Darien, Illinois and declared a quorum present.

NEW BUSINESS

- A. **Ordinance – 8419 Bailey Road, Order of Carmelites – Petitioner seeks approval of a Sign Variation to permit a free-standing sign at 640 square feet in area, greater than the 32 square feet sign area permitted for a religious institution.**

Mr. Michael Griffith, Senior Planner, presented the staff report. He reported that the sign in question is located along N. Frontage Road, facing the Cass Avenue-I-55 interchange, located at the curve east of Bailey Road.

Mr. Griffith reported that the Sign Code limits signs for religious institutions to 32 square feet in area. He reported that the PZC recommended approval with a vote of 4-2, with a couple of the Commission members stating they felt it was too large and not conducive to a prominent location.

Chairperson Marchese stated that he knows the sign is there and that you almost have to look for it because of the foliage.

Alderman Schauer stated that he liked the idea that it would be replaced and that it was more solid.

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

Alderman Schauer made a motion and it was seconded by Alderman Marchese that based upon the submitted petition and the information presented, the request associated with PZC 2011-02 is in conformance with the standards of the Darien City Code and move that the Municipal Services Committee recommend approval of the petition as presented.

Upon voice vote, THE MOTION CARRIED unanimously 2-0.

Chairperson Marchese announced that this would be forwarded to the City Council on June 6th.

Mr. Dan Gombac, Director stated that the City is looking for the sign colors to remain neutral. The petitioner agreed.

B. Minor PUD Amendment – Rockwell PUD, 8245-8255 Lemont Road. Petitioner requests a minor amendment to replace existing multi-tenant free-standing sign with a larger multi-tenant sign.

Mr. Michael Griffith, Senior Planner, presented the staff report. He reported that the Rockwell PUD is located on the east side of Lemont Road, north of 83rd Street. The PUD includes several lots. He further reported that the building/uses include the former Rockwell building, two office buildings fronting onto 83rd Street, Safeguard Storage and two light industrial buildings east of Safeguard Storage.

Mr. Griffith stated that the petitioner is seeking approval of a minor amendment to the PUD to replace an existing 25-square foot sign with a larger multi-tenant sign. He reported that this sign was permitted under the PUD.

Mr. Griffith reported that the proposed sign is 52.5 square feet, with a total height of 10 feet and that the proposed sign is consistent with other signage in town.

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

Alderman Marchese made a motion and it was seconded by Alderman Schauer that based upon the submitted petition, the proposed amendment to the Rockwell PUD does meet the standards of the Darien Zoning Ordinance and move that the Municipal Services Committee recommend approval of the request associated with the petition.

Upon voice vote, THE MOTION CARRIED unanimously 2-0.

Chairperson Marchese announced that this would be forwarded to the City Council on June 6th.

C. Resolution – Authorize the purchase one new Hydraulic Concrete and Pipe Saw from Lee Jensen Sales in the amount of \$9,975.00.

Mr. Dan Gombac Director presented the staff report. He reported that this is a new piece of equipment used by the Water Department to cut concrete. He stated that the proposed equipment would provide efficiency especially in mainbreak situations where concrete is required to be removed. Mr. Gombac stated that this item was placed in the budget and talked about in the budget workshop.

Alderman Schauer asked if the equipment will be gas powered.

Mr. Gombac stated that the saw is hydraulic and can be run from a truck or a tractor.

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

Alderman Marchese made a motion and it was seconded by Alderman Schauer to approve A RESOLUTION AUTHORIZING THE PURCHASE OF ONE NEW HYDRAULIC CONCRETE AND PIPE SAW FROM LEE JENSEN SALES IN THE AMOUNT OF \$9,975.00.

Upon voice vote, **THE MOTION CARRIED unanimously 2-0.**

Mr. Gombac reported that this would be placed on the agenda for the June 6, 2011 City Council Meeting.

D. Resolution – Authorize the purchase of one new 2011 Ford Ranger Carryall from Bob Ridings Fleet Sales in an amount not to exceed \$22,754.00.

Mr. Dan Gombac, Director presented the staff report. He reported that this vehicle will be utilized for the Water Specialist and will replace a Ford Taurus. He further reported that the replacement vehicle will be a more practical vehicle and will have a truck bed that will allow the storage of valve and buffalo box keys and other water related tools as well as have safety lights and City lettering/graphics.

Mr. Gombac reported that there was a May deadline and that Bob Ridings noted that the City has until June 6th or 7th to order the vehicle. He reported that the vehicle was budgeted at \$26,200 and that this was discussed in the budget workshop.

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

Alderman Schauer made a motion and it was seconded by Alderman Marchese to approve A RESOLUTION AUTHORIZING THE PURCHASE OF ONE NEW 2011 FORD RANGER CARRYALL FROM BOB RIDINGS FLEET SALES IN AN AMOUNT NOT TO EXCEED \$22,754.00.

Upon voice vote, **THE MOTION CARRIED unanimously 2-0.**

E. Resolution – 2011 Water Sampling Program

Mr. Dan Gombac, Director reported that this is for the 2011/12 Bacteriological and Chemical/Radiological/LT2 Water Sampling Program. He reported that the Illinois Environmental Protection Agency recently submitted to the City of Darien the 2011 Community Water Supply testing and schedule. He further reported that the USEPA passed on to all community water supplies a mandate requiring the City to perform specified analytical water sampling.

Mr. Gombac reported that the City recently received the schedule for 2011/12 sampling requirements from the ILEPA and that they have proposed competitive bid pricing for the program.

Mr. Gombac reported that last year Perry Laboratories was used and that staff is recommending Suburban Laboratories in the amount of \$8,121.00.

Mr. Gombac reported that the budget included funding for this item in the amount of \$18,762.00.

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

Alderman Schauer made a motion and it was seconded by Alderman Marchese to approve the expenditure in the amount of \$8,121.00 for the 2011/12 Bacteriological and Chemical/Radiological/LT2 Water Sampling Program.

Upon voice vote, THE MOTION CARRIED unanimously 2-0.

F. Resolution – Authorize the purchase of one new Prospan Pneumatic Shoring Equipment, from Prospan Manufacturing Company in the amount of \$8,000.00.

Mr. Dan Gombac, Director presented the staff report. He reported that this is for the purchase of shoring equipment which is used during an excavation, particularly during a water main break. Shoring equipment is also required by OSHA regulations. He stated that the present piece of equipment was purchased in 1998 and requires replacement due to continuous hydraulic pressure loss and stability issues within the excavation.

Mr. Gombac reported that the proposed item is a specialty safety item and exclusively available through Prospan Manufacturing Company and no other competitive quotes are available. He stated that the equipment has increased in price since the budget workshop due to technological advances in the amount of \$962.00. He reported that the company representative was contacted regarding the increase since the quote provided in 2010 and that they conceded to a discount in the amount of \$462.00 for a net increase of \$500.00. Mr. Gombac reported that the shortfall would be realized from a savings from the Quality Control line item.

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

Alderman Schauer made a motion and it was seconded by Alderman Marchese to approve a RESOLUTION AUTHORIZING THE PURCHASE OF ONE NEW PROSPAN PNEUMATIC SHORING FROM PROSPAN MANUFACTURING COMPANY IN THE AMOUNT OF \$8,000.00.

Upon voice vote, THE MOTION CARRIED unanimously 2-0.

G. Resolution – Accept a proposal from Advanced Automation and Controls Inc. for the City's Water System Supervisory Control and Data Acquisition (SCADA), in an amount not to exceed \$12,770.00 for the Win911 software, Operator Interface Terminal, installation and central processing unit programming at 1220 Plainfield Road, Plant 2.

Mr. Dan Gombac, Director presented the staff report. He reported that this expenditure is to upgrade the City's water SCADA system as it relates to software, hardware installation and required programming. He stated that the Win911 software is designed to monitor preset water tank elevations, ingoing/outgoing pressures, flows, pump failures and chlorine levels.

Mr. Gombac reported that the hardware upgrade will replace an existing touch screen monitor – Operator Interface Terminal.

Mr. Gombac reported that staff received competitive quotes and is recommending Advanced Automation and Controls Inc.

Chairperson Marchese stated that there was a significant savings than what was budgeted.

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

Alderman Schauer made a motion and it was seconded by Alderman Marchese to approve A RESOLUTION ACCEPTING A PROPOSAL FROM ADVANCED AUTOMATION AND CONTROLS INC. FOR THE CITY'S WATER SYSTEM SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM IN AN AMOUNT NOT TO EXCEED \$12,770.00 FOR THE WIN911 SOFTWARE, OPERATOR INTERFACE TERMINAL, INSTALLATION AND CENTRAL PROCESSING UNIT PROGRAMMING AT 1220 PLAINFIELD ROAD, PLANT 2.

Upon voice vote, THE MOTION CARRIED unanimously 2-0.

H. Minutes – April 25, 2011 - Municipal Services Committee Meeting

Alderman Schauer made a motion and it was seconded by Alderman Marchese to approve the April 25, 2011 Meeting Minutes.

Upon voice vote, THE MOTION CARRIED unanimously 2-0.

DIRECTOR'S REPORT

Mr. Dan Gombac reported that staff is currently gathering information regarding snow plowing for Frontage Road from Cass Avenue to Lemont Road. He reported that the State is proposing funding for the expense if the City decides to take this on. Mr. Gombac reported that this is scheduled for discussion at the June 27, 2011 meeting.

Mr. Gombac reported on Darien Swim and Racquet Club and placing signs in Darien. He reported that he and Alderman Marchese will be meeting with the Darien Swim and Racquet Club for discussion with them and where they wish to place signage.

Alderman Poteraske was present and asked that staff look into a rating system for the ditches. Mr. Gombac reported that staff is looking at updating the ditch catalogue and implementing a numerical rating system on them.

NEXT MEETING

Chairperson Marchese announced that the next scheduled meeting will be held on Monday, June 27, 2011 at 6:30 p.m.

ADJOURNMENT

There being no other business before the Committee, Alderman Schauer made a motion and it was seconded by Alderman Marchese to adjourn. Upon voice vote, THE MOTION CARRIED unanimously and the meeting adjourned at 5:49 p.m.

RESPECTFULLY SUBMITTED:

APPROVED:

Elizabeth Lahey
Secretary

Joseph Marchese
Chairperson

Ted Schauer
Alderman

Halil Avcı
Alderman

MEMO

To: Municipal Services Committee
From: Dan Gombac, Director of Municipal Services
DATE: July 5, 2011
RE: Annual Leak Survey

The City's awarded vendor Associated Technical Services (ATS) recently completed the annual leak survey for the City. ATS had identified 48 various types of leaks. Attached, please find a summary report from ATS. The Water Division has fixed all the leaks with the exception of two. Two service leaks were identified on private property and staff has sent out letters notifying them that the leaks must be repaired.

It has been calculated that the City's water loss prior to the leaks being repaired was 122,910 gallons of water at a wholesale cost of \$250.74 per day. The yearly loss equates to 44,862,000 gallons, at a wholesale cost of \$91,520.

In summary, the leak survey program has paid for itself through identifying the leaks and the lost revenues.

Should any of the members have any additional questions, please feel free to contact me.



Established 1979

June 24, 2011

City of Darien
Department of Municipal Services
1702 Plainfield Road
Darien, Illinois 60561

Attn.: Mr. Dan Gombac
Director of Municipal Services

**Subject: City of Darien Water Distribution System
2011 Leak Detection and Location Survey -- Interim Report**

Dear Mr. Gombac,

We are pleased to present an **Interim Report** on the subject project. This is another very successful leak survey that found leaks that were losing a large amount of water and potential water revenue for the City. The City has repaired all of the survey leaks. Your Comprehensive Final Report is being prepared and will be submitted to you in the near future. The area designated by the City for survey is divided into five (5) survey sub-areas of the water distribution system that is operated and maintained by the City of Darien. The survey area borders correspond with the Darien Water Atlas Plat Sheets

The description of each survey sub-area is as follows:

AREA 1 - That area which is bordered by the City Limits to the north; the City Limits to the east; 71st Street to the south; and the City Limits to the west.

AREA 2 - That area which is bordered by 71st Street to the north; the City Limits to the east; 79th Street to the south; and the City Limits to the west.

AREA 3 - That area which is bordered by 79th Street to the north; the City limits to the east; 87th Street to the south; and the City Limits to the west.

AREA 4 - That area which is bordered by 87th Street to the north; the City Limits to the east; 95th Street to the south; and the City Limits to the west.

AREA 5 - SEWRF / DuPage County Water System as designated by the City of Darien.

WATER CONSERVATION SPECIALISTS

LEAK PINPOINTING • LEAK DETECTION SURVEYS • UTILITY LOCATION • GIS / GPS MAPPING • VALVE EXERCISING PROGRAMS
CCTV INSPECTIONS • HYDRANT FLOW TESTING • UNIDIRECTIONAL WATERMAIN FLUSHING • EQUIPMENT SALES & TRAINING

A Comprehensive ATS Leak Survey is accomplished in essentially five steps:

1. Ultrasonic Leak Detection Phase
2. Computerized Electronic Leak Location Phase
3. Monitor Inaccessible Appurtenances and subsequent Leak Locations
4. Re-monitor Repaired Leak Sites and subsequent Leak Location
5. Gather Leak Repair Data from City and then assemble Final Report

TABLE OF LEAK SURVEY FINDINGS TO DATE FOR 2011 SURVEY

| Area | <u>Completion Percentage</u> | | <u>Type and Number of Leaks Pinpointed to Date</u> | | | | | <u>Recovery</u> |
|---------|------------------------------|----------|--|---------|---------|-------|-------|-----------------|
| | Detection | Location | Main | Service | Hydrant | Valve | Total | G.P.D. |
| DARIEN | 100 % | 100 % | 2 | 4 | 24 | 3 | 33 | 101,980 |
| SEWRF | 100 % | 100 % | 0 | 0 | 14 | 1 | 15 | 20,930 |
| Totals: | 100 % | 100 % | 2 | 4 | 38 | 4 | 48 | 122,910 |

Amount of Recovered Water and the Value of the Recovered Water to Date

Survey recovery estimate: 122,910 gallons per day = 44,862,150 gallons per year

Daily: 122,910 gallons @ \$ 4.90 per 1,000 gallons = \$ 602.26 per day

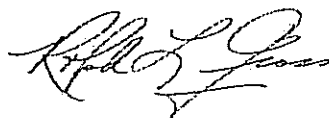
Annual: 44,862,150 gallons @ \$ 4.90 per 1,000 gallons = \$ 219,824.53 per year

ATS has conducted leak surveys for Darien in 1997, 2000, 2002, 2003, 2008 and 2011

| <u>Year</u> | <u>Firm</u> | <u>Main</u> | <u>Service</u> | <u>Hydrant</u> | <u>Valve</u> | <u>Totals</u> | <u>Daily Loss (GPD)</u> | <u>Value / Yr.</u> | <u>Return</u> |
|---------------------|-------------|-------------|----------------|----------------|--------------|---------------|-------------------------|--------------------|---------------|
| ATS 6 year totals: | | 17 | 14 | 78 | 29 | 138 | 2,730,599 GPD | \$ 3,890,609 | |
| ATS 6 year average: | | 3 | 2 | 13 | 5 | 23 | 455,100 GPD | \$ 648,435 | \$ 92.24:1 |

Current Activity: We have completed all of the detection and pinpointing. There are still a couple homeowner side service line leaks that have yet to be repaired. While they are not large leaks, they are losing water every day without generating any revenue for the City. We will perform the Re-monitoring Phase of a repaired leak sites after all of the leaks have been pinpointed and repaired. Please feel free to contact me with any questions that you may have. Thank you for the continuing opportunity to be of service to you and the City of Darien.

Yours truly,
Associated Technical Services Ltd.



Ralph L. Gross
Executive Vice President