

NOTICE OF STANDING COMMITTEES

Scheduled for
Tuesday, September 10, 2019,
beginning at 6:30 p.m. in

Council Chambers
Village Hall of Tinley Park
16250 S. Oak Park Avenue
Tinley Park, Illinois

Administration & Legal Committee
Public Safety Committee
Public Works Committee

A copy of the agendas for these meetings is attached hereto.

Kristin A. Thirion
Clerk
Village of Tinley Park

NOTICE OF A MEETING
OF THE PUBLIC WORKS COMMITTEE

Notice is hereby given that a meeting of the Public Works Committee of the Village of Tinley Park, Cook and Will Counties, Illinois, will begin at 6:30 p.m. on Tuesday, September 10, 2019, in Council Chambers at the Village Hall of Tinley Park, 16250 S. Oak Park Avenue, Tinley Park, Illinois.

1. OPEN THE MEETING.
2. CONSIDER APPROVAL OF THE MINUTES OF THE PUBLIC WORKS COMMITTEE MEETING HELD ON AUGUST 13, 2019.
3. DISCUSS RECREATIONAL TRAILS PROJECT-MULTI-USE PATH RESURFACING – 179TH STREET AND 163RD STREET.
4. DISCUSS FLEET VEHICLE PURCHASE LIST.
5. DISCUSS FIRE ADMINISTRATION VEHICLES.
6. DISCUSS COOK COUNTY – FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) MAP AND FEDERAL INFORMATION SYSTEMS (FIS) ADOPTION.
7. DISCUSS OAK PARK AVENUE TRAIN STATION WARMING SHELTERS.
8. DISCUSS 80TH AVENUE & 191ST STREET INTERSECTION – DESIGN STATUS.
9. RECEIVE COMMENTS FROM THE PUBLIC.

ADJOURNMENT

KRISTIN A. THIRION
VILLAGE CLERK

MINUTES
Meeting of the Public Works Committee
August 13, 2019 - 6:30 p.m.
Village Hall of Tinley Park – Council Chambers
16250 S. Oak Park Avenue
Tinley Park, IL 60477

Members Present: M. Glotz, Chairman
W. Brady, Village Trustee
W. Brennan, Village Trustee

Members Absent: None

Other Board Members Present: None

Staff Present: D. Niemeyer, Village Manager
M. Walsh, Police Chief
F. Reeder, Fire Chief
B. Bettenhausen, Village Treasurer
K. Workowski, Public Works Director
J. Urbanski, Assistant Public Works Director
C. Zemaitis, Village Engineer
L. Valley, Executive Assistant to the Manager and Trustees
D. Sanfilippo, Executive Assistant to the Mayor
L. Godette, Deputy Village Clerk
L. Carollo, Commission/Committee Secretary

Item #1 - The meeting of the Public Works Committee was called to order at 6:47 p.m.

Trustee Brennan stated Chairman Glotz is participating in this meeting electronically by telephone conference call. Chairman Glotz is prevented from physically attending this meeting due to employment purposes. Chairman Glotz acknowledged his participation via telephone conference call.

Item #2 – CONSIDER APPROVAL OF THE MINUTES OF THE PUBLIC WORKS

COMMITTEE MEETING HELD ON JULY 9, 2019 – Motion was made by Trustee Brady, seconded by Trustee Brennan, to approve the minutes of the Public Works Committee meeting held on July 9, 2019. Vote by voice call. Trustee Brennan declared the motion carried.

Item #3 – DISCUSS INTERGOVERNMENTAL AGREEMENT (IGA) WITH THE TINLEY PARK-PARK DISTRICT FOR USE OF PROPERTY - VOLUNTEER PARK - S. Roby, Park

District Director requested the Village consider the park district utilize property along the eastern edge of Volunteer Park (8180 175th Street) and west of the homes on Iroquois Terrace. The park district has the opportunity to improve the park through the OSLAD (Open Space Lands Acquisition and Development) program with the State of Illinois. The OSLAD program is a grant program financed by the state that provides funding assistance to local government agencies for acquisition and/or development of land for public parks and open space. Two maps were presented to the Public Works Committee. The first map is a concept plan presented with the park district's OSLAD application of solely the park district's property. The second map is a concept plan the park district would move toward with a transfer or long-term IGA for property use. The process would require development of an IGA between the Village and the park district.

Trustee Brennan asked the Public Works Committee if there were any questions. Trustee Brady stated it is a great idea. Chairman Glotz thanked Mr. Roby for his hard work and supports the park district. D. Niemeyer, Village Manager clarified to the Committee the recommendation would be for the park district to use the proposed property rather than a transfer of property to the park district. Mr. Roby stated the plan for expansion does not include moving or covering storm sewer right of way purposes.

Motion was made by Chairman Glotz, seconded by Trustee Brady, to recommend the Village Attorney draft an IGA (Intergovernmental Agreement) between the Village and Tinley Park - Park District for Use of Property be brought to the Village Board. Vote by voice. Trustee Brennan declared the motion carried.

Item #4 – RECEIVE UPDATE ON 80th AVENUE BRIDGE PROJECT - C. King of Robinson Engineering presented an update of Roadway Enhancement Opportunities for 80th Avenue Reconstruction.

In October 2017, the Public Works Committee discussed potential roadway enhancement opportunities for the 80th Avenue Bridge project. Three (3) intersection and bridge improvement levels were discussed at that time; level 1 as basic improvements, level 2 basic improvements in addition to aesthetic features and level 3 as basic improvements with aesthetic features, as well as branding features.

The Committee previously discussed the following:

- Upgrades to the bridge including aesthetic improvements.
- Sidewalks and bike paths.
- Street lighting.
- Landscape upgrades.
- Potential jurisdictional transfer of roadway.

In February 2018, the Public Works Committee recommended the Village provide direction to Robinson Engineering in order to begin developing plans for the project.

Current Cost Summary:

- Intersections (mixture of levels 1, 2 and 3) - \$280,000 (Will County estimate)
- Bike Path - \$937,000
- Sidewalks - \$156,000
- Traffic Signals - \$250,000
- Street Lights - \$58,000
- Bridge Ornamental Railing (Level 3) - \$482,400

Trustee Brennan asked about the split costs of the intersection of 191st Street and 80th Avenue. Mr. King stated the Village has no expenses currently other than approximately \$2 million in the above enhancements. The Village was able to secure funding to improve the intersection of 191st Street and 80th Avenue approximately 10 years ago, in which state/federal expenses would be 80% and local expenses 20%. The County has been working on design north of 191st Street through 80th Avenue and the Village would perform design of 191st Street and 80th Avenue upon County funding approval. Trustee Glotz asked about in-kind savings in engineering. Mr. King stated engineering would be funded federally 80% and locally 22%. Mr. Niemeyer stated in the fall the Marketing and Branding Commission will become involved specifically for signage input.

Motion was made by Trustee Brennan, seconded by Trustee Brady, to recommend an Agreement with the State of Illinois and the Village Appropriating Funds for the 80th Avenue and 191st Street Improvement Project be brought forward to the Village Board. Vote by voice. Trustee Brennan declared the motion carried.

Item #5 – DISCUSS FEE STUDY - TEXT AMENDMENT - WATER & SEWER CONNECTION

FEES - C. Zemaitis, Village Engineer stated Public Works recently evaluated connection fees, as they were last updated on April 23, 1985. Connection fees are used to cover the cost of installing a service for a residential home or business. Water meter costs are updated annually based on the costs to purchase the meter and its components. The cost for all components and services, except the meter is included in the connection fee. The department reviewed neighboring communities' websites and codes for an updated increase in connection fees to aid in a proposed increase to the Village's connection fees.

Staff recommended increasing connection fees as follows:

- Residential Fee - \$6,000
- 1" Commercial Fee - \$7,250
- 1-1/2" Commercial Fee - \$12,000
- 2" Commercial Fee - \$19,000
- 3" Commercial Fee - \$46,000
- 4" Commercial Fee - \$68,000
- Fees for services larger than 4" can be negotiated with the Village.

Trustee Brennan asked the Committee if anyone had any questions. No one came forward. Mr. Niemeyer stated several fee studies have been performed to update Village fees and all proposed fees will be brought to the Committee of the Whole.

Motion was made by Trustee Brady, seconded by Trustee Brennan, to recommend the proposed schedule of connection fees be forwarded to the Committee of the Whole. Vote by voice. Trustee Brennan declared the motion carried.

Item #6 – DISCUSS AWARDING THE CONTRACT FOR THE 2019 SIDEWALK GAP

PROJECT - Public Works has added a separate line item in the FY-2020 Budget to construct new sidewalks along selected streets throughout the Village. Work would include excavation of existing subgrade, removal of any tree or bush stumps, placement and compaction of aggregate base course, pouring and finishing the concrete sidewalk and restoration of parkways. If ADA (Americans with Disabilities Act) ramps are required, the project would include removal of the curb and gutter and replacement with a depressed curb, along with a detectable warning plate.

The service contract was advertised in the local newspaper and on Quest CDN, in accordance with state bidding laws. Three (3) sealed bids were received on August 2, 2019, as follows: J&J Newell Concrete Contractors, Inc.(\$131,217.50); Davis Concrete Construction Company (\$161,430.00) and M&J Underground, Inc. (\$190,550.00). The low, responsible bidder was J&J Newell Concrete Contractors, Inc., in the amount of \$131,217.50.

Staff recommended low bid approval and award the service contract to J&J Newell Concrete Contractors, Inc., in the amount of \$131,217.50. Funding in the amount of \$150,000.00 is budgeted for in the FY-2020 Road and Bridge Budget.

C. Zemaitis asked the Committee if there were any questions. No one came forward.

Motion was made by Trustee Brennan, seconded by Trustee Brady, to recommend low bid approval and award a service contract to J&J Newell Concrete Contractors, Inc., in the amount of \$131,217.50, for the 2019 Sidewalk Gap Program, be brought forward to the Village Board. Vote by voice. Trustee Brennan declared the motion carried.

Item #7 – DISCUSS DOWNTOWN HOLIDAY DECORATIONS -

- a. PURPOSED PURCHASE OF NEW DECORATIONS; AND**
- b. RENEWAL OF SERVICE CONTRACT.**

In preparation for the 2019 Holiday Season, the Marketing Department recommended purchase of the following decorations for Downtown Tinley:

- Four (4) 6'6" illuminated snowflakes - \$14,944.00
 - One (1) 9'8" illuminated reindeer - \$4,273.50
 - Three (3) 6'6" illuminated reindeer - \$6,854.00
 - One additional 6'6" illuminated reindeer at new purchase price - \$3,757.05
 - One (1) fountain light-up display - \$11,050.00
- Total: 40,878.55

Below are costs for the proposed decorations for installation, takedown, maintenance and storage:

- \$450.00 per (4) snowflake - \$1,800.00
 - \$402.00 per (5) reindeer - \$2,010.00
 - \$6,000 for the fountain display - \$6,000
- Total: \$9,810.00

Total purchase and installation cost: \$50,688.55

The Marketing Department's budget for new holiday decorations is \$45,000 and \$30,000 was budgeted for flags and banners. Staff recommended decreasing the number of holiday banners by \$5,000, to accommodate the purchase and installation of a fountain display. All decorations are mobile and will be able to be utilized in Harmony Square. In subsequent years, the Public Works' budget will reflect the cost of installation and maintenance of the new decorations. The trumpet decorations purchased last year will be utilized again. Trustee Brennan stated the fountain display would look nice. The fountain display is anticipated to be installed after the holiday tree is taken down and will remain lit up until spring.

Trustee Brennan asked the Committee if there were any questions. No one came forward.

B&B Holiday Decorating coordinated and provided seasonal holiday decoration services this past year. Scope of work includes:

- Installation, maintenance, removal, packaging and transport of holiday decorations.
- Purchase of additional holiday ornaments and decorations as needed.
- Oak Park Avenue Train Station - Decorations on buildings and platforms.
- Zabrocki Plaza - 30' Christmas tree and lights, pre-lit trees.
- Oak Park Avenue & Hickory Street - Decorate the two existing evergreen trees.
- Vogt Plaza - Pre-lit trees.
- 80th Avenue Train Station - Pre-lit trees and garland on buildings.

- Street light poles - Trumpet decoration installation.

The service contract has the option of two (2) one (1) year renewals.

Public Works recommended renewal of the current service contract for an additional year to B&B Holiday Decorating for the FY-2020 Christmas Decoration Contract, in the amount of \$32,925.82. Funding in the amount of \$35,000 is available.

Motion was made by Trustee Brennan, seconded by Trustee Brady, to recommend Proposed Purchase of New Decorations and Renewal of Service Contract to B&B Holiday Decorating be forwarded to the Village Board. Vote by voice. Trustee Brennan declared the motion carried.

Item #8 – DISCUSS CUL-DE-SAC SNOW REMOVAL CONTRACT RENEWAL - Public Works recommended to extend the current contract with Zenere Trucking & Excavating for an additional year for snow removal in cul-de-sacs in various locations throughout the Village. The contract has the option of 2 (two) 1 (one) year renewals, currently year 3 of 3. Zenere Trucking & Excavating bid \$134,298.36, based on ten snowfalls per season.

Funding in the amount of \$236,250.00 is available in the FY-2020 Operations and Maintenance Funds.

Trustee Brennan asked the Committee if there were any questions. Chairman Glotz asked if it is typical only two companies bid on snow removal of the cul-de-sacs. It was explained heavier equipment as well as additional staffing is needed for cul-de-sac snow removal.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend contract renewal approval with Zenere Trucking & Excavating for Cul-De-Sac Snow Removal, be brought forward to the Village Board. Vote by voice. Trustee Brennan declared the motion carried.

Item #9 – DISCUSS PARKING LOT SNOW REMOVAL CONTRACT RENEWAL - Public Works recommended to extend the current contract with Beverly Snow & Ice, Inc. for an additional year for snow removal in parking lots and sidewalks in various locations throughout the Village. The contract has the option of 2 (two) 1 (one) year renewals, currently year 2 of 3. Beverly Snow & Ice, Inc. bid \$100,350.00, based on ten snowfalls per season.

Funding in the amount of \$342,720.00 is available in the FY-2020 Operations and Maintenance Funds.

Trustee Brennan asked if the Committee had any questions. No one came forward.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend contract renewal approval with Beverly Snow & Ice, Inc. for Parking Lot Snow Removal, be brought forward to the Village Board. Vote by voice. Trustee Brennan declared the motion carried.

Item #10 – RECEIVE COMMENTS FROM THE PUBLIC - No comments from the public.

ADJOURNMENT

Motion was made by Trustee Brennan, seconded by Trustee Brady, to adjourn this meeting of the Public Works Committee. Vote by voice call. Trustee Brennan declared the motion carried and adjourned the meeting at 7:30 p.m.

lc



Municipal Expertise. Community Commitment.

September 5, 2019

Jennifer S. Prinz, PE CFM
Direct Line: (708) 210-5687
Email: jprinz@reltd.com

Project 17-R0338.01

Village of Tinley Park
16250 South Oak Park Avenue
Tinley Park, Illinois 60477

Attn.: Mr. Colby Zemaitis, PE CFM, Village Engineer

RE: Recreational Trail Project- 179th Street to 163rd Street- Resurfacing

Dear Colby:

Bids were received and publicly read on Thursday September 5, 2019 at 10:01 AM for the above-mentioned project. The bid results are as follows:

<u>Contractor</u>	<u>Location</u>	<u>As Read Bid</u>
McGill Construction LLC	Frankfort, IL	\$164,858.25
Gallagher Asphalt Corp.	Thornton, IL	\$166,304.75
Iroquois Paving Corp.	Watseka, IL	\$178,817.75
Matthew Paving Inc.	Oak Lawn, IL	\$191,937.00
D Construction, Inc.	Coal City, IL	\$217,089.20
Kee Construction LLC	New Lenox, IL	\$343,586.00

Engineer's Estimate \$205,049.00

We have reviewed the bids. The specifications required that bidding Contractors be prequalified for roadway and supply a copy of their current IDOT Prequalification. The high bidder Kee Construction LLC failed to provide this information. All other bidders are IDOT Prequalified for roadway construction.

We have reviewed all the other bids and found them to be correct and in order; therefore, at this time we recommend that the Village award the contract to the low responsive responsible bidder McGill Construction LLC in the amount of One Hundred Sixty-Four Thousand Eight Hundred Fifty-Eight Dollars and Twenty-Five Cents (\$164,858.25).

Should there be any questions on this matter, please feel free to call me.

Respectfully yours,
ROBINSON ENGINEERING, LTD.

Jennifer S. Prinz, PE CFM
Village Engineering Consultant

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Encl. Bid Tabulation



Tabulation of Bids

REL#: 17-R0338.01

Local Public Agency: Village of Tinley Park Date: 09/05/2019
 County: Cook Time: _____
 Section: _____ Appropriation: _____
 Estimate: \$205,049.00

Attended By: Jennifer Prinz, PE

	Name of Bidder:	McGill Construction LLC	Gallagher Asphalt Corp.	Iroquois Paving Corp.
	Address of Bidder:	21227 S. 80th Avenue	18100 S. Indiana Avenue	1889 E. US Hwy
		Frankfort, IL 60423	Thornton, IL 60476	Watseka, IL 60970
	Approved Engineer's Estimate			

Item No.	Item Description	Unit	QTY	Unit Price	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	80	\$175.00	\$14,000.00	\$125.00	\$10,000.00	\$100.00	\$8,000.00	\$84.50	\$6,760.00
44201676	CLASS D PATCHES, TYPE IV, 2 INCH	SQ YD	450	\$22.00	\$9,900.00	\$27.50	\$12,375.00	\$20.00	\$9,000.00	\$19.25	\$8,662.50
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	150	\$80.00	\$12,000.00	\$36.85	\$5,527.50	\$75.00	\$11,250.00	\$55.00	\$8,250.00
35800100	PREPARATION OF BASE	SQ YD	14,175	\$3.00	\$42,525.00	\$1.25	\$17,718.75	\$0.01	\$141.75	\$1.95	\$27,641.25
21400100	GRADING AND SHAPING DITCHES	FOOT	200	\$30.00	\$6,000.00	\$35.00	\$7,000.00	\$15.00	\$3,000.00	\$18.00	\$3,600.00
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	888	\$4.00	\$3,552.00	\$1.75	\$1,554.00	\$2.00	\$1,776.00	\$2.15	\$1,909.20
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3,200	\$2.00	\$6,400.00	\$0.45	\$1,440.00	\$0.50	\$1,600.00	\$0.50	\$1,600.00
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	336	\$2.00	\$672.00	\$0.75	\$252.00	\$1.00	\$336.00	\$1.05	\$352.80
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	40	\$50.00	\$2,000.00	\$33.15	\$1,326.00	\$150.00	\$6,000.00	\$45.00	\$1,800.00
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	1,100	\$85.00	\$93,500.00	\$83.35	\$91,685.00	\$94.00	\$103,400.00	\$98.50	\$108,350.00
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	100	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$0.01	\$1.00	\$65.00	\$6,500.00
25000312	SEEDING, CLASS 4A	ACRE	0.6	\$6,000.00	\$3,600.00	\$2,300.00	\$1,380.00	\$5,000.00	\$3,000.00	\$2,800.00	\$1,680.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3,200	\$2.00	\$6,400.00	\$1.00	\$3,200.00	\$4.00	\$12,800.00	\$0.01	\$32.00
25100105	MULCH, METHOD 1	ACRE	0.6	\$5,000.00	\$3,000.00	\$16,500.00	\$9,900.00	\$10,000.00	\$6,000.00	\$2,800.00	\$1,680.00
				TOTAL:	\$205,049.00		\$164,858.25		\$166,304.75		\$178,817.75

Matthew Paving Inc.		D. Construction, Inc.		Kee Construction LLC	
5505 W. 109th Street		1488 S. Broadway		21660 S. Moni Drive	
Oak Lawn, IL 60453		Coal City, IL 60416		New Lenox, IL 60451	
Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
\$105.00	\$8,400.00	\$110.00	\$8,800.00	\$86.00	\$6,880.00
\$22.00	\$9,900.00	\$50.00	\$22,500.00	\$25.00	\$11,250.00
\$38.00	\$5,700.00	\$85.00	\$12,750.00	\$52.00	\$7,800.00
\$3.00	\$42,525.00	\$1.00	\$14,175.00	\$12.00	\$170,100.00
\$40.00	\$8,000.00	\$45.00	\$9,000.00	\$42.00	\$8,400.00
\$3.50	\$3,108.00	\$1.20	\$1,065.60	\$3.00	\$2,664.00
\$1.50	\$4,800.00	\$0.40	\$1,280.00	\$1.20	\$3,840.00
\$2.00	\$672.00	\$0.60	\$201.60	\$2.00	\$672.00
\$35.00	\$1,400.00	\$55.00	\$2,200.00	\$27.00	\$1,080.00
\$87.00	\$95,700.00	\$120.00	\$132,000.00	\$103.00	\$113,300.00
\$12.00	\$1,200.00	\$35.00	\$3,500.00	\$24.00	\$2,400.00
\$2,000.00	\$1,200.00	\$5,325.00	\$3,195.00	\$12,000.00	\$7,200.00
\$0.01	\$32.00	\$0.01	\$32.00	\$0.70	\$2,240.00
\$15,500.00	\$9,300.00	\$10,650.00	\$6,390.00	\$9,600.00	\$5,760.00
\$191,937.00		\$217,089.20		\$343,586.00	



Interoffice Memo

Date: August 1, 2019

To: David Niemeyer, Village Manager
Pat Carr, Assistant Village Manager

From: Terry Lusby, Jr., Facilities & Fleet Superintendent

Subject: **Approve Public Works Fleet Vehicle Purchase List**

Presented for September 10th, 2019/September 17th, 2019 Public Works Committee/Board Meeting
Agenda discussion and possible action:

Description:

Approve the Public Works Fleet Vehicle Purchase List that includes various vehicles with a purchase amount exceeding \$20,000.00 for each vehicle.

Background: Requesting purchase approval for heavy equipment vehicles, pickup trucks, and SUV's that were previously pre-approved via FY 2020 Budget. All vehicles will be purchased through our standing cooperative purchasing agreements (Suburban Purchase Cooperative, Southwest Conference, Northwest Conference, National Joint Powers Alliance, General Services Administration, Houston-Galveston Council, and Illinois Procurement Bulletin).

Budget / Finance: Funding is budgeted and available in the approved FY20 Budget; Capital Fund.

Budget Available	\$763,459
<u>Contract Amount</u>	<u>\$754,782</u>
Difference – UNDER BUDGET	\$8,677

Staff Direction Request:

1. Approve the Public Works Fleet Vehicle Purchase List in the amount of \$754,782.
2. Direct staff as necessary.

FY2020 Public Works Fleet Vehicle Purchase List

VENDOR/ UP-FITTER	DESCRIPTION	ALLOCATION #	REPLACE	Quantity	Estimated Cost Each	BUDGETED	Trade-in	CONTRACT	COMMENTS
Westside Tractor	Back Hoe	74261	137	1	\$ 120,000.00	\$ 122,677.00	yes	Sourcewell 032515-LDC	Pending Appraisal
Martin Implement/ Westside Tractor	Mini Excavator	74262	new	1	\$ 107,380.00	\$ 107,380.00	New	Sourcewell 032515-LDC	Pending Demonstration
Martin Implement	Skid Steer	74262	117	1	\$ 66,230.00	\$ 66,230.00	yes	Sourcewell 032515-LDC	Pending Appraisal
Sutton Ford/ Chicago Parts & Sound	Pickup Truck	74232	80	1	\$ 34,000.00	\$ 40,000.00	New	Suburban Purchase Cooperative #142	
Sutton Ford/ Chicago Parts & Sound	SUV	74222	73	1	\$ 38,000.00	\$ 38,000.00	Auction	Suburban Purchase Cooperative #152	
Sutton Ford/ Chicago Parts & Sound	SUV	74220	new	2	\$ 91,000.00	\$ 91,000.00	reassign	Suburban Purchase Cooperative #152	
Currie Motors/ Chicago Parts & Sound	Pickup Truck	74232	679	1	\$ 35,000.00	\$ 35,000.00	Auction	Suburban Purchase Cooperative #142	
Sutton Ford/ Chicago Parts & Sound	Ford Police SUV (2)	30-74220	new	2	\$ 95,410.00	\$ 95,410.00	Auction	Suburban Purchase Cooperative #152	Chassis/ Up-Fitter
Sutton Ford/ Chicago Parts & Sound	Police Chief	74220	1C	1	\$ 48,000.00	\$48,000.00	reassign	Suburban Purchase Cooperative #152	
John Deere	Gator	74236	new	1	\$15,000.00	\$15,000.00	new	IL Assoc. County Board Members 18-04-00777	
Sutton Ford/ Chicago Parts & Sound	Van	74232	34	1	\$45,000.00	\$45,000.00	Auction	Suburban Purchase Cooperative #150	Pending Demonstration
Currie Motors/ EVT	Tahoe	74223	46	1	\$59,762.00	\$59,762.00	reassign	Suburban Purchase Cooperative #185	
Totals:				14	\$ 754,782.00	\$ 763,459.00			

Village of Tinley Park

2019/2020 Vehicle Replacements

D.QUINN

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Replacement Guidelines

Factor	Points
Age	1 Each Year of chronological age.
Miles/Hours	1 Each 10,000 miles of usage
	1 Each 250 hours of usage
Type of Service	1 Standard sedans and light pickups
	2 Standard vehicles with the occasional off-road usage
	3 Any vehicle that pulls trailers, hauls heavy loads, and has continued off-road usage
	4 Any vehicle involved in snow removal
	5 Police, Fire, and Rescue service vehicles
Reliability	1 In shop one time within a three month time period, no major breakdowns or road calls.
	2 In shop one time within a three month time period, 1 breakdown or road call within in a three month period.
	3 In shop more than twice within a one month time period, no major breakdown or road call
	4 In shop more than once within one month time period, two or more breakdowns/ road calls within the same time period
	5 In shop more than twice monthly, two or more breakdowns within one month time period.
M&R Costs	1 Maintenance costs are less than or equal to 9% of replacement cost.
	2 Maintenance costs are 10-20% of replacement cost.
	3 Maintenance costs are 21-30% of replacement cost.
	4 Maintenance costs are 31-40% of replacement cost.
	5 Maintenance costs are greater than or equal to 41% of replacement cost.
Condition	1 No visual damage or rust and a good drive train
	2 Minor imperfections in body and paint, interior fair (no rips, tears, burns), and a good drive train.
	3 Noticeable imperfections in body and paint surface, some minor rust, minor damage from add-on equipment, worn interior (one or more rips, tears, burns), and a weak or noisy drive train.
	4 Previous accident damage, poor paint and body condition, rust (holes), bad interior (tears, rips, cracked dash), major damage from add-on equipment, and one drive train component bad.
	5 Previous accident damage, poor paint, bad interior, drive train that is damaged or inoperative, major damage from add-on equipment.

Vehicle Replacement Scorecard

Vehicle #: 34 Department Electrical
Year/Make /Model: 2007 Ford E350 Van

Age:
In Service Date: 2007
Total Time (Years): 12
Points: 12

Mileage:
Mileage or hours: 92,016
Points: 9

Type of Service:
Description: Heavy Loads
Points: 3

Reliability:
Road Calls: _____
Breakdowns or Safety Issues: 1
Points: 1

M&R:
Total Maintenance: \$7,942
Replacement Cost: \$45,000
% of Replacement Cost: 18%
Points 2

Condition:
Accidents: Yes
If yes, #: (1) RR Damage
Paint/Body: Fair - some rust
Interior: Worn
Drive Train: Issues - Loose
Points: 3

Total Points: 30 Prepared By: Dan Quinn Date: 9/18/19

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

Recommendation: Replace

Vehicle Replacement Scorecard

Vehicle #: 679 Department EMA
Year/Make /Model: 2001 Dodge Pickup

Age:
In Service Date: 2001
Total Time (Years): 18
Points: 18

Mileage:
Mileage or hours: 81,854
Points: 8

Type of Service:
Description: Emergency Management
Points: 5

Reliability:
Road Calls: _____
Breakdowns or Safety Issues: 1
Points: 1

M&R:
Total Maintenance: \$14,100
Replacement Cost: \$38,000
% of Replacement Cost: 38%
Points 4

Condition:
Accidents: Y N
If yes, #: _____
Paint/Body: Rust
Interior: Worn
Drive Train: Issues - Front End
Points: 3

Total Points: 39 Prepared By: Dan Quinn Date: 9/28/19

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

Recommendation: Replace

Vehicle Replacement Scorecard

Vehicle #: 117 Department Water
Year/Make /Model: 1998 Ford LX565 Skid Steer

Age:
In Service Date: 1998
Total Time (Years): 21
Points: 21

Mileage:
Mileage or hours: 1105 hours
Points: 4

Type of Service:
Description: Heavy loads – off road
Points: 3

Reliability:
Road Calls: _____
Breakdowns or Safety Issues: 1
Points: 1

M&R:
Total Maintenance: \$3,156
Replacement Cost: \$65,000
% of Replacement Cost: 48%
Points 1

Condition:
Accidents: No
If yes, #: _____
Paint/Body: Rust
Interior: Worn
Drive Train: Issues – Leaks
Points: 3

Total Points: 33 Prepared By: Dan Quinn Date: 9/14/19

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

Recommendation: Replace

Vehicle Replacement Scorecard

Vehicle #: 137 Department Street

Year/Make /Model: 1999 Ford 555E Backhoe

Age:

In Service Date: 1999

Total Time (Years): 20

Points: 20

Mileage:

Mileage or hours: 5226 hours

Points: 21

Type of Service:

Description: Off road

Points: 3

Reliability:

Road Calls: _____

Breakdowns or Safety Issues: 1

Points: 1

M&R:

Total Maintenance: \$27,364

Replacement Cost: \$130,000

% of Replacement Cost: 21%

Points 3

Condition:

Accidents: No

If yes, #: _____

Paint/Body: _____

Interior: Fair

Drive Train: Worn - Seepage

Points: 3

Total Points: 51 Prepared By: Dan Quinn Date: 9/14/19

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

Recommendation: Replace

Vehicle Replacement Scorecard

Vehicle #: 80 Department Street
Year/Make /Model: 2007 Ford F350 Pickup

Age:
In Service Date: 2007
Total Time (Years): 12
Points: 12

Mileage:
Mileage or hours: 75,394
Points: 7

Type of Service:
Description: Heavy Loads - Tow
Points: 3

Reliability:
Road Calls: _____
Breakdowns or Safety Issues: 1
Points: 1

M&R:
Total Maintenance: \$14,360
Replacement Cost: \$37,000
% of Replacement Cost: 38%
Points 4

Condition:
Accidents: Yes
If yes, #: 2
Paint/Body: Body Damage
Interior: Worn
Drive Train: _____
Points: 4

Total Points: 31 Prepared By: Dan Quinn Date: 9/18/19

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

Recommendation: Replace

Vehicle Replacement Scorecard

Vehicle #: 1C Department Police
Year/Make /Model: 2013 Ford Explorer

Age:
In Service Date: 2013
Total Time (Years): 6
Points: 6

Mileage:
Mileage or hours: 79,707
Points: 8

Type of Service:
Description: Police
Points: 5

Reliability:
Road Calls: _____
Breakdowns or Safety Issues: 0
Points: 0

M&R:
Total Maintenance: \$4,718
Replacement Cost: \$36,000
% of Replacement Cost: 13%
Points 2

Condition:
Accidents: Yes
If yes, #: 1
Paint/Body: (1) Pillar
Interior: _____
Drive Train: Okay
Points: 1

Total Points: 22 Prepared By: Dan Quinn Date: 9/14/19

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

Recommendation: Reassign

Vehicle Replacement Scorecard

Vehicle #: 73 Department Village Manager
Year/Make /Model: 2010 Jeep Cherokee

Age:
In Service Date: 2010
Total Time (Years): 9
Points: 9

Mileage:
Mileage or hours: 132,224
Points: 13

Type of Service:
Description: Light Duty – Admin.
Points: 1

Reliability:
Road Calls: _____
Breakdowns or Safety Issues: 1 (flat tires)
Points: 1

M&R:
Total Maintenance: \$12,231.63
Replacement Cost: \$38,000
% of Replacement Cost: 32%
Points 4

Condition:
Accidents: Yes
If yes, #: 2 (RF, multiple mirrors)
Paint/Body: _____
Interior: Worn
Drive Train: Leaks
Points: 3

Total Points: 31 Prepared By: Dan Quinn Date: 9/19/19

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

Recommendation: Replace

Vehicle Replacement Scorecard

Vehicle #: 0760 Department Fire

Year/Make /Model: 2007 Chevy Tahoe

Age:

In Service Date: 2007

Total Time (Years): 12

Points: 12

Mileage:

Mileage or hours: 75,874

Points: 7

Type of Service:

Description: Fire

Points: 5

Reliability:

Road Calls: 1

Breakdowns or Safety Issues: _____

Points: 1

M&R:

Total Maintenance: \$6,297

Replacement Cost: \$59,762

% of Replacement Cost: 11%

Points 2

Condition:

Accidents: Yes

If yes, #: 1

Paint/Body: _____

Interior: Worn

Drive Train: Fair

Points: 3

Total Points: 30 Prepared By: Dan Quinn Date: 9/18/19

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

Recommendation: Replace

PUBLIC WORKS

Street

Priority Level	Points	Vehicle Number	Year	Manufacturer	Description	Replacement Cost	Replacement Year	Actual Age of Equipment
1ST	31	8	2001	International	Plow Truck	\$195,000.00	2013	17
2ST	51	137	1999	Ford	Backhoe	\$125,000.00	2011	20
3ST	35	138	2006	Caterpillar	Wheel Loader	\$148,900.00	2021	13
4ST	31	80	2007	Ford	Pickup Truck	\$40,900.00	2017	12
5ST	new	new	2019	Quality	Trailer	\$3,895.00	n/a	n/a
6ST	new	new	2019	Tapco	Message Board	\$21,000.00	n/a	n/a
7ST	new	new	2019	Toro	Mini Utility Loader	\$46,465.00	n/a	n/a

deferred last year

new request

new request

new request

Requested Amount

\$581,160.00

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

PUBLICWORKS

Water

Priority Level	Points	Vehicle Number	Year	Manufacturer	Description	Replacement Cost	Replacement Year	Actual Age of Equipment
1WTR	new	new	2019	Hyundai	Excavator	\$107,000.00	n/a	n/a
2WTR	33	26Z	1998	International	Large Dump Truck	\$165,000.00	2013	21
3WTR	33	117	1998	New Holland	Skid Steer	\$66,230.00	2010	21
4WTR	34	20	2002	Dodge	Caravan	\$42,000.00	2009	17

new request

Requested Amount

\$380,230.00

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

PUBLICWORKS

Electric

Priority Level	Points	Vehicle Number	Year	Manufacturer	Description	Replacement Cost	Replacement Year	Actual Age of Equipment
1EL	30	34	2007	Ford	Van	\$45,000.00	2017	12
2EL	25	63	2006	Ford	SUV	\$39,500.00	2016	13
3EL	32	143	1999	Ditch Wich	Boring Machine	\$195,000.00	2014	20

Requested Amount

\$279,500.00

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

POLICE

Priority Level	Points	Vehicle Number	Year	Manufacturer	Description	Replacement Cost	Replacement Year	Actual Age of Equipment
1PD	22	1C	2013	Ford/ Chevy	SUV	\$48,000.00	2023	6
2PD	new	commander	new	Ford	SUV	\$44,000.00		
3PD	new	commander	new	Ford	SUV	\$44,000.00		
4PD	new	Patrol	new	Ford	SUV	\$46,500.00		
4PD	new	Patrol	new	Ford	SUV	\$46,500.00		
4PD	new	Patrol	new	Ford	SUV	\$46,500.00		
4PD	new	Patrol	new	Ford	SUV	\$46,500.00		
5PD	new	Patrol	new	Ford	SUV	\$46,500.00		
6PD	new	Patrol	new	Ford	SUV	\$46,500.00		
7PD	new	Patrol	new	Ford	SUV	\$46,500.00		

shall be reassigned
 new request
 new request
 new request
 new request
 new request
 new request
 new request
 new request
 new request

Requested Amount

\$461,500.00

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

FIRE

Priority Level	Points	Vehicle Number	Year	Manufacturer	Description	Replacement Cost	Replacement Year	Actual Age of Equipment
1FD	22	1401	2014	Chevy	Tahoe	\$59,762.00	2021	5
2FD	31	O250	2002	Chevy	Pick up	\$54,815.00	2012	17
3FD	30	O760	2007	Chevy	Tahoe	\$59,762.00	2017	12

Requested Amount

\$174,339.00

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

VILLAGE MANAGER

Priority Level	Points	Vehicle Number	Year	Manufacturer	Description	Replacement Cost	Replacement Year	Actual Age of Equipment
1VM	31	73	2010	Jeep	Cherokee	\$38,000.00	2017	9

Requested Amount

\$38,000.00

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

EMA

Priority Level	Points	Vehicle Number	Year	Manufacturer	Description	Replacement Cost	Replacement Year	Actual Age of Equipment
1EMA	39	679	2001	Dodge	Pickup Truck	\$38,000.00	2011	18

Requested Amount **\$38,000.00**

0-17	Excellent	Do not Replace.
18-22	Good	Re-evaluate for next year's budget.
23-27	Satisfactory	Qualifies for replacement this year if budget allows.
28+	Poor	Needs priority replacement.

VILLAGE WIDE PRIORITY LIST

Priority Level	Points	Vehicle Number	Year	Manufacturer	Description	Replacement Cost	Replacement Year	Actual Age of Equipment
5ST	new	new	2019	Quality	Trailer	\$3,895.00	n/a	n/a
6ST	new	new	2019	Tapco	Message Board	\$21,000.00	n/a	n/a
7ST	new	new	2019	Toro	Mini Utility Loader	\$46,465.00	n/a	n/a
1WTR	new	new	2019	Hyundai	Excavator	\$107,000.00	n/a	n/a
2PD	new	commander	new	Ford	SUV	\$44,000.00		
3PD	new	commander	new	Ford	SUV	\$44,000.00		
4PD	new	Patrol	new	Ford	SUV	\$46,500.00		
4PD	new	Patrol	new	Ford	SUV	\$46,500.00		
4PD	new	Patrol	new	Ford	SUV	\$46,500.00		
4PD	new	Patrol	new	Ford	SUV	\$46,500.00		
5PD	new	Patrol	new	Ford	SUV	\$46,500.00		
6PD	new	Patrol	new	Ford	SUV	\$46,500.00		
7PD	new	Patrol	new	Ford	SUV	\$46,500.00		
2ST	51	137	1999	Ford	Backhoe	\$125,000.00	2011	20
1EMA	39	679	2001	Dodge	Pickup Truck	\$38,000.00	2011	18
3ST	35	138	2006	Caterpillar	Wheel Loader	\$148,900.00	2021	13
4WTR	34	20	2002	Dodge	Caravan	\$42,000.00	2009	17
2WTR	33	26Z	1998	International	Large Dump Truck	\$165,000.00	2013	21
3WTR	33	117	1998	New Holland	Skid Steer	\$66,230.00	2010	21
3EL	32	143	1999	Ditch Wich	Boring Machine	\$195,000.00	2014	20
1ST	31	8	2001	International	Plow Truck	\$195,000.00	2013	17
4ST	31	80	2007	Ford	Pickup Truck	\$40,900.00	2017	12
2FD	31	O250	2002	Chevy	Pick up	\$54,815.00	2012	17
1VM	31	73	2010	Jeep	Cherokee	\$38,000.00	2017	9
1EL	30	34	2007	Ford	Van	\$45,000.00	2017	12
3FD	30	O760	2007	Chevy	Tahoe	\$59,762.00	2017	12
2EL	25	63	2006	Ford	SUV	\$39,500.00	2016	13
1PD	22	1C	2013	Ford/ Chevy	SUV	\$48,000.00	2023	6
1FD	22	1401	2014	Chevy	Tahoe	\$59,762.00	2021	5

Village Requests

\$1,952,729.00

VILLAGE OF TINLEY PARK
Fleet
5 YEAR PLAN - CAPITAL

Purchase	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 24/25	FY 25/26
STREET							
Plow Truck	185,000	195,000	197,000	198,000	200,000	203,000	205,000
Pick up Truck	35,000	40,000	40,000	45,000			45,000
Mower (Unit 119,128 & 130)						45,000	
Wheel Loader		148,900		175,000			182,000
Forklift							
Back hoe		125,000		134,000			
Large mower							
Sewer Jet						325,000	
Chipper			65,000		67,000		
Slurper							
Trailer		3,895			12,000		
Message Board		21,000				15,000	
Street Sweeper	284,000						
1 ton Dump Truck snow/ ice					70,000		
De-ice Truck							
1 ton Dump Truck			68,000		70,000		80,000
Asphalt Roller	16,000						
Mini Excavator	32,000						
Mini Utility Loader		46,465.00					
Administration Vehicle (unit 16)							
Administration Vehicle (unit 53)							
WATER							
Mini van (Unit 84,18,28)					28,000	28,000	
SUV (Unit 88)					28,000		
Pickup Truck	35,000		36,000	36,000			
1 ton Dump Truck	75,000				78,000		
Water Service (Unit 52)							
Van (Unit 83,85)		45,000					
Sewer Jet			295,000				
Jetter Truck	130,000						
Back hoe			130,000				
Six wheeled Dump Truck		165,000					
Camera Van (unit 87)							
Administration Vehicle (Unit 1)				38,000			
Administration Vehicle (Unit 55)							
Excavator		107,000					
Skid Steer		66,000					
Trailer	16,000						18,000
ELECTRICAL							
Pickup Truck	35,000				36,000	38,000	
Van		40,000					
Suv							
45' Aerial Truck (Unit 30)							
60" Aerial Truck	265,000						
Utility truck (Fleet service vehicle)							
Directional Boring machine	190,000	195,000					
Administration Vehicle (unit 63)		35,000					
PUBLIC WORKS TOTAL	1,298,000	1,238,260	871,000	533,000	627,000	654,000	530,000

	Purchase									
	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 24/25	FY 25/26			
ADMINISTRATION										
Village Bus	75,000									
Van (unit 65)					28,000					
Sedan										
SUV (Unit 73)	35,000	35,000								
Sedan (unit 72)			40,000							35,000
SUV										
Admin Total	110,000	35,000	40,000		28,000					35,000
BUILDING										
Sedan (Unit 75)				35,000						
Fuel efficient vehicle (Unit 76)			32,000							
SUV										
Fuel efficient vehicle (unit 77)										35,000
Fuel efficient vehicle (unit 70)						35,000				
Bldg Total			32,000	35,000	0	35,000				35,000
POLICE										
SUV Admin (Chief)		42,000								
SUV Marked units	308,000	465,000	425,000	425,000	425,000	430,000	435,000			
Prisoner Transport			65,000							
Equipment Van			60,000							
SUV Admin				42,000						
Sedan		88,000								
Tact unit										
PD Total	308,000	595,000	850,000	467,000	425,000	430,000	435,000			
FIRE										
Chevy Tahoe (Chief)				45,000						
Chevy Tahoe (Asst. Chiefs)		120,000	54,000	54,000		56,000				
Brush Truck										
Pickup Truck		54,000								
Gator				15,000						
Fire Total		174,000	54,000	114,000		56,000				
FIRE PREVENTION										
Ford Explorer			40,000							
Fire Inspector (unit 231)						35,000				
Fire Inspector (unit 233)										
SUV	24,000									
FD PREVEN. TOTAL	24,000	0	40,000	0	0	35,000	0			
EMA										
Pickup Truck		38,000			40,000					
SUV			40,000							
EMA Total		38,000	40,000	0	40,000	0	0			
VILLAGE TOTAL	1,740,000	2,075,260	1,595,000	1,169,000	1,120,000	1,175,000	1,000,000			



COMMERCIAL
& FLEET

Kyle Mohrbach

Fleet Manager

Sutton Ford

21315 Central Ave.

Matteson, IL 60443

Email: kmohrbach@suttonford.com

Phone: (708)720-8013

July 6, 2019

Dan Quinn

Sutton Ford is able to leverage Ford's Government Pricing Concessions (GPC) that are piggy backed off the State of Illinois contract for vehicles. In the vehicles you've inquired about, 2019 Ford Explorer XLT 4WD we would be utilizing Reference # 25896K.

This reference number will provide pricing at Ford's Price Level 915 dated back to 09/18/2018 for the 2019 Model Year. Current price level without utilizing this reference number is 950. In addition, to avoid price increases during the model year the Village of Tinley Park will receive an additional \$5,620 of municipal incentives that is directly discounted from the factory invoice price of the vehicle.

Please let me know if you need any further information or documentation.

Thank you for the opportunity to meet your needs.

A handwritten signature in black ink, appearing to read "KMohrbach", with a horizontal line extending to the right.

Kyle Mohrbach
Xerox Corporation



SUTTON FORD
 21315 CENTRAL AVENUE
 MATTESON, ILLINOIS 60443
 (708) 720-8000

*Police
 Chief*

Invoice

PURCHASER'S NAME Village of Tinley Park DATE _____

STREET ADDRESS _____ RES. PHONE _____

CITY _____ STATE _____ ZIP _____ BUS PHONE _____

PLEASE ENTER MY ORDER FOR THE FOLLOWING NEW USED SUV TRUCK CAR

YEAR	MAKE	MODEL	BODY TYPE	COLOR	TRIM	STOCK NO.
2019	FORD	EXPLORER		MGNT	XLT	K00651
VIN NO.	1FM5K8D83KGB36031		MILES	105		SALES REP
				Kyle Mohrbach		
CASH PURCHASE		\$	\$36,636.32	TRADE-IN CREDITS		
FLOOR MATS			\$296.00	MAKE OF USED VEHICLE		
2 EXTRA KEYS			\$500.00	YEAR		BODY TYPE
				MODEL		
				VEHICLE IDENT. NO.		
				MILEAGE		
				BALANCE OWED TO		
				PAYOFF ADDRESS		
				USED VEHICLE ALLOWANCE		
				ESTIMATED BALANCE OWED		
TOTAL			\$37,432.32	NET ALLOWANCE ON USED VEHICLE		
ELECTRONIC FILING FEE			\$0.00	DEPOSIT OR CREDIT BALANCE		\$0.00
DOCUMENTATION FEE			\$0.00	CASH WITH ORDER		\$0.00
ILLINOIS SALES TAX 7.25%			\$0.00	TOTAL DOWN PAYMENT		
COUNTY TAX- COOK 1.00%			\$0.00	PURCHASE ORDER NO.		
CITY OF CHICAGO 1.25%			\$0.00			
LICENSE, TRANSFER, TITLE TRP			\$0.00	GPC AMOUNT		GPC REF #
EXTENDED SERVICE CONTRACT 5Y/120K MILES			\$2,200.00	CPA AMOUNT		
TOTAL PRICE			\$39,632.32	56A AMOUNT		
CASH DOWN PAYMENT		RECEIPT NO		ORDERING FIN		End User FIN
REBATE				SALES TYPE		
TOTAL DOWN PAYMENT				REBATE #		
UNPAID CASH BALANCE DUE ON DELIVERY			\$39,632.32			

Purchaser agrees that this Order includes all of terms and conditions on both the face and reverse side hereof, that this Order cancels and supersedes any price agreement and as of the date hereof comprises the complete and exclusive statement of the terms of the agreement relating to the subject matters covered hereby THIS ORDER IS NOT A BINDING CONTRACT. DEALER SHALL NOT BE OBLIGATED TO SELL UNTIL APPROVAL OF THE TERMS HEREOF IS GIVEN BY A BANK OR FINANCE COMPANY WILLING TO PURCHASE A RETAIL INSTALLMENT CONTRACT BETWEEN THE PARTIES HERETO BASED ON SUCH TERMS. ALL WARRANTIES, IF ANY, BY A MANUFACTURER OR SUPPLIER OTHER THAN DEALER ARE THEIRS, NOT DEALER'S, AND ONLY SUCH MANUFACTURER OR OTHER SUPPLIER SHALL BE LIABLE FOR PERFORMANCE UNDER SUCH WARRANTIES. UNLESS DEALER FURNISHES BUYER WITH A SEPARATE WRITTEN WARRANTY OR SERVICE CONTRACT MADE BY DEALER ON ITS OWN BEHALF, DEALER HEREBY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE: (A) ON ALL GOODS AND SERVICES SOLD BY DEALERS; AND (B) ON ALL USED VEHICLES WHICH ARE HEREBY SOLD "AS IS-NOT EXPRESSLY WARRANTED OR GUARANTEED."

TO THE NEGOTIATED CASH SALE PRICE OF EACH VEHICLE THERE WILL BE ADDED THE SUM OF \$50.48 FOR DEALER COSTS AND OVERHEAD FOR ITEM RELATING TO PREPARING, HANDLING AND PROCESSING DOCUMENTS FOR THE MOTOR VEHICLE AND THE CLOSING OF THE TRANSACTION THE ONLY OTHER ADDITIONAL CHARGES PERMITTED ARE DEALER-ADDED OPTIONS WARRANTY AND SERVICE CONTRACTS, INSURANCE AND THE ACTUAL COST OF LICENSE AND TITLE REGISTRATION AND TAXES.

Purchaser by his execution of this Order certifies that he is of legal age or older and acknowledges that he had read its items and conditions and has received a copy of this Order

PURCHASER'S SIGNATURE _____ DATE _____ ACCEPTED BY: _____ DEALER OR HIS AUTHORIZED REPRESENTATIVE _____



21315 Central Avenue
Matteson, IL 60443

Police

(2) commanders INVOICE # RichTown1

DATE August 12, 2019

TERMS

F.O.B.

SHIP VIA

ADDRESS CORRESPONDENCE TO:

Name Kyle Mohrbach

ADDRESS PAYMENT TO:

Sutton Ford, Inc.

21315 Central Avenue

Matteson

E-mail kmohrbach@suttonford.com

Phone 708-720-8013

FAX # 708-720-4305

Issued by: Kyle Mohrbach

Comment:

TO:
Village of Tinley Park
16250 S. Oak Park Ave.
Tinley Park, IL 60477

Sales Tax Rate: %

QTY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
1	EA	2019 Ford Explorer XLT VIN: 1FM5K8D89KGB28824	\$ 29,912.56	\$ 29,912.56
1	EA	2019 Ford Explorer XLT VIN: 1FM5K8D86KGB28828	\$ 29,913.56	\$ 29,913.56
2	EA	FORD REMOTE START	\$ 500.00	\$ 1,000.00
4	EA	EXTRA KEYS	\$ 200.00	\$ 800.00
2	EA	EXTENDED PREMIUMCARE WARRANTY 5YRS/100,000 MILES	1,815.00	3,630.00
			subtotal	\$ 65,256.12
			SHIPPING	0.00
TOTAL				\$65,256.12

SHIP TO:
DELIVERSHIP PICKUP

APPROVED BY _____

DATE _____



Electrical

(34)

2019 Ford Transit Full Sized Van
Contract# 150



Currie Motors Fleet

Good Thru 9/14/2018

Contract #150



Currie Motors Frankfort
SPC Contract Winner
Contract #150

2019 Ford Transit Full Sized Van

Standard Package: \$20,948 + (\$ 800.00)

3 Year 36,000 Mile Limited Bumper to Bumper Warranty
5 Year 60,000 Powertrain Warranty

Alternator – 150-amp
Auxiliary Fuel Port
Single Battery – 70 amp-hours (Gas Only)
Brakes – 4-wheel anti-lock disc brakes
Fuel Tank – Capless fuel fill, 25 U.S. gallons
Horn – Dual-note electric
Steering – Power Rack and Pinion
Front MacPherson-strut, stabilizer bar
Rear Leaf springs, heavy-duty gas shock absorbers
235/65R16 BSW all-season (SRW)
195/75R16 BSW all-season (DRW)
Wheels – 16" steel
SRW – Steel Wheel with Black Hubcaps
DRW – With Front Color-Keyed Hubcaps
Full-size spare tire & wheel
Front Bumper – Black molded with lower valence
Rear Bumper – Black, molded with integral step
Body Side Moldings – black
60/40 hinged, passenger-side. Low roof only
Sliding passenger-side. Medium and high roof
Black grille with black surround
Halogen head lamps with Black Trim
Roof Marker Lamps – Included on dual rear-wheel models
Center High Mount Stop Lamp (CHMSL)
Short-Arm Dual Power Mirrors
Solar Tint Windows, No Cargo Area Windows
Variable Windshield Wipers
Air conditioning - Front only
Antenna – fender mounted
AM/FM stereo, digital clock, audio input jack
2 Front Speakers Cargo Area Tie Down Loops
Console – Center stack console with integrated shifter
Auto locking Drive Away w/ Crash Unlocking Power
Equipment Group with Remote Keyless-Entry
Rear Vinyl Floor Covering Delete
Glove Box-Locking

Instrumentation - Tachometer, fuel level and coolant temperature
Inside Rearview Mirror (Included with Rear Glass)
Front Dome Lamp with Map Lights and Theater Dim
Rear Compartment Lighting
Accessory Delay – 30 minutes
Power-point 12V, in instrument panel and center console
Driver and front-passenger manual reclining bucket seats with adjustable headrest. Includes driver-side inboard armrest.
Pewter, Vinyl 2-way manual driver/passenger seating
Tilt steering & 4-spoke wheel
Step well pads – black plastic
Sun visor-Vinyl Trim.
Trim - Passenger A-Pillar Grab Handle
Center Console
Headliner -front only
Front Overhead Console (not included on low-roof)
Driver and Passenger Airbags
Passenger-side airbag cut-off switch Side Airbags
AdvanceTrac® w/Roll Stability Control™ (RSC®)
Tire Pressure Monitoring System (TPMS). SRW Only
Hill Launch Assist
Safety belts – 3-point, all positions
SOS Post Crash Alert (distress call w/airbag deployment)
Requires SYNC®.
Rearview camera with trailer hitch assist
3.7 TiVCT V-6 Motor
6-Speed Automatic Overdrive with Select Shift
Rear Cargo LED Lamp
Rear Door Cargo Lock Cylinder
Rear Cargo Door Exit Handle

Contract #150



LOW ROOF (83.6) VAN:

Transit-150 (GVWR: Van 8,600)

<input type="checkbox"/>	E1Z	Regular Wheelbase: 60/40 Passenger-Side Cargo-Doors 130"	\$ 20,948.00
<input type="checkbox"/>	E1Y	Regular Wheelbase: Sliding Passenger-Side Cargo-Door 130"	\$ 21,179.00
<input type="checkbox"/>	E9Z	Long Wheelbase: 60/40 Passenger-Side Cargo-Doors 148"	\$ 21,838.00
<input type="checkbox"/>	E2Y	Long Wheelbase: Sliding Passenger-Side Cargo-Door 148"	\$ 22,069.00

Transit-250 (GVWR: 9,000)

<input type="checkbox"/>	R1Z	Regular Wheelbase: 60/40 Passenger-Side Cargo-Doors 130"	\$ 22,075.00
<input type="checkbox"/>	R1Y	Regular Wheelbase: Sliding Passenger-Side Cargo-Door 130"	\$ 22,306.00
<input type="checkbox"/>	R2Z	Long Wheelbase: 60/40 Passenger-Side Cargo-Doors 148"	\$ 22,925.00
<input type="checkbox"/>	R2Y	Long Wheelbase: Sliding Passenger-Side Cargo-Door 148"	\$ 23,156.00

Transit-350 (GVWR: Van 9,500)

<input type="checkbox"/>	W2Z	Long Wheelbase: 60/40 Passenger-Side Cargo-Doors 148"	\$ 24,901.00
<input type="checkbox"/>	W2Y	Long Wheelbase: Sliding Passenger-Side Cargo-Door 148"	\$ 25,032.00

MEDIUM ROOF (100.8) VAN:

Transit-150 (GVWR: Van 8,600)

<input type="checkbox"/>	E1C	Regular Wheelbase: Sliding Passenger-Side Cargo-Door 130"	\$ 22,175.00
<input type="checkbox"/>	E1D	Regular Wheelbase: Dual Sliding Side Cargo-Doors 130"	\$ 22,739.00
<input type="checkbox"/>	E2C	Long Wheelbase: Sliding Passenger-Side Cargo-Door 148"	\$ 23,653.00
<input type="checkbox"/>	E2D	Long Wheelbase: Dual Sliding Side Cargo-Doors 148"	\$ 24,218.00

Transit-250 (GVWR: 9,000)

<input type="checkbox"/>	R1C	Regular Wheelbase: Sliding Passenger-Side Cargo-Door 130"	\$ 22,900.00
<input type="checkbox"/>	R1D	Regular Wheelbase: Dual Sliding Side Cargo-Doors 130"	\$ 23,466.00
<input type="checkbox"/>	R2C	Long Wheelbase: Sliding Passenger-Side Cargo-Door 148"	\$ 24,379.00
<input type="checkbox"/>	R2D	Long Wheelbase: Dual Sliding Side Cargo-Doors 148"	\$ 24,945.00

Transit-350 (GVWR: Van 9,500)

<input type="checkbox"/>	W2C	Long Wheelbase: Sliding Passenger-Side Cargo-Door 148"	\$ 25,567.00
<input type="checkbox"/>	W2D	Long Wheelbase: Dual Sliding Side Cargo-Doors 148"	\$ 26,132.00

HIGH ROOF (110.1) VAN:

Transit-250 (GVWR: 9,000)

<input type="checkbox"/>	R2X	Long Wheelbase: Sliding Passenger-Side Cargo-Door 148"	\$ 26,010.00
<input type="checkbox"/>	R2U	Long Wheelbase: Dual Sliding Side Cargo-Doors 148"	\$ 26,576.00
<input type="checkbox"/>	R3X	Long Wheelbase Extended-Length: Sliding Pass-Side Cargo-Door 148"EL	\$ 27,141.00
<input type="checkbox"/>	R3U	Long Wheelbase Extended-Length: Dual Sliding Side Cargo-Doors 148"EL	\$ 27,707.00

Transit-350 (GVWR: Van 9,500/9,250 w/ Diesel)

<input type="checkbox"/>	W2X	Long Wheelbase: Sliding Passenger-Side Cargo-Door 148"	\$ 27,198.00
<input type="checkbox"/>	W3X	Long Wheelbase Extended-Length: Sliding Pass-Side Cargo-Door 148"EL	\$ 28,329.00
<input type="checkbox"/>	W3U	Long Wheelbase Extended-Length: Dual Sliding Side Cargo-Doors 148"EL	\$ 28,894.00

Transit-350 HD DRW (GVWR: Van 9,950)

<input type="checkbox"/>	F4X	Long Wheelbase Extended-Length: Sliding Pass-Side Cargo-Door 148"EL	\$ 30,212.00
<input type="checkbox"/>	F4U	Long Wheelbase Extended-Length: Dual Sliding Side Cargo-Doors 148"EL	\$ 30,718.00

Transit-350 HD DRW (GVWR: 10,360)

<input type="checkbox"/>	64X	Long Wheelbase Extended-Length: Sliding Pass-Side Cargo-Door 148"EL	\$ 30,517.00
<input checked="" type="checkbox"/>	S4U	Long Wheelbase Extended-Length: Dual Sliding Side Cargo-Doors 148" EL	\$ 31,082.00



POWERTRAIN/FUNCTIONAL

<input type="checkbox"/>	99G	3.5L EcoBoost® V6. Includes SEIC capability.	\$ 1716.00
<input type="checkbox"/>	99V	3.2L I5 Diesel. (N/A Transit-150 Wagon, Transit-350LWB Van) Includes Cruise Control with Message Center (60C), Dual HD Batteries (63E) PTC Heater, & SEIC capability.	\$ 3676.00
<input type="checkbox"/>	98F	E-85 Flex-Fuel Capable. N/A with 3.5 V6 or 3.2 Diesel engines or on DRW models. Not Available with CNG Prep	\$ 139.00
<input checked="" type="checkbox"/>	63C	Heavy Duty Alternator.	\$ 240.00
<input type="checkbox"/>	63E	Dual Heavy Duty Battery-70 amp-hours & Absorbed Glass Mat, Included with Diesel Engine	\$ 272.00
<input type="checkbox"/>	63X	Battery – Single Absorbed Glass Mat. Optional on Gas Engine. N/A with Diesel Engine	\$ 115.00
<input type="checkbox"/>	98C	CNG/Propane Gaseous Engine Prep Package. Includes hardened engine intake and exhaust valves. Available with 3.7L V6 engine only. Does not include CNG/Propane conversion. Not Available with E-85 Flex Fuel	\$ 289.00
<input type="checkbox"/>	41H	Engine Block Heater - 400W Rating	\$ 69.00
<input type="checkbox"/>	98D	Manual Regen Initiation – Requires Diesel Engine	\$ 231.00
<input type="checkbox"/>	98E	Manual Regen Initiation with Active Regen Inhibitor – Requires Diesel Engine	\$ 345.00
<input type="checkbox"/>	53K	Modified Vehicle Wiring System –Requires Dual Batteries and HD Alternator	N/C
<input type="checkbox"/>	66P	SecuriLock® Passive Anti-Theft System (PATS) with engine immobilizer. 66P	\$ 69.00
<input type="checkbox"/>	59D	Perimeter Anti-Theft Alarm. Requires PATS (66P).	\$ 143.00
<input type="checkbox"/>	52M	Speed Limitation – 65-mph governed top speed. Fleet only.	\$ 73.00
<input type="checkbox"/>	52H	Speed Limitation – 70-mph governed top speed. Fleet only.	\$ 73.00
<input type="checkbox"/>	52N	Speed Limitation – 75-mph governed top speed. Fleet only.	\$ 73.00
<input type="checkbox"/>		3.7L V6 4.10 Ax6 Ratio Upgrade	\$ 41.00
<input type="checkbox"/>		3.5L EcoBoost® V6 Van 3.73 Ax6 Ratio Upgrade	\$ 41.00
<input type="checkbox"/>		3.2L I5 Diesel 3.73 Ax6 Ratio Upgrade	\$ 38.00
<input checked="" type="checkbox"/>		Locking Differential	\$ 299.00
<input type="checkbox"/>	90G	Push Down Manual Parking Brake-not available with hd rubber flooring	\$ 180.00

EXTERIOR OPTIONS

<input type="checkbox"/>	18B	AutoLamp with Rain-Sensing Wipers	\$ 180.00
<input type="checkbox"/>	942	Daytime Running Lamps (Fleet only)	\$ 41.00
<input type="checkbox"/>	153	Front License Plate Bracket. STD in States requiring two license plates, optional in all others	N/C
<input checked="" type="checkbox"/>	43R	Reverse Sensing System	\$ 272.00
<input type="checkbox"/>	542	Short Arm Mirror - Power Heated with Turn Signals	\$ 207.00
<input type="checkbox"/>	543	Long Arm Mirror - Power	\$ 60.00
<input type="checkbox"/>	544	Long Arm Mirror - Power Heated with Turn Signals.	\$ 203.00
<input type="checkbox"/>	67D	Trailer Brake Controller. Requires Cruise Control with Message Center (60C). Requires Heavy-Duty Trailer Tow Package (53B)	\$ 211.00
<input type="checkbox"/>	59B	Trailer Wiring Provisions. Included with Heavy-Duty Tow Package (53B)	\$ 272.00
<input type="checkbox"/>	68J	Extended Length Running Boards. Not available with Dual Sliding Cargo-Doors	\$ 603.00
<input type="checkbox"/>	68H	Running Board. Not available with Dual Sliding Side Cargo-Doors (Curbside Door Location)	\$ 148.00
<input type="checkbox"/>	64H	16" Steel with Full Wheel Cover (SRW).	\$ 41.00
<input type="checkbox"/>	64S	16" Aluminum Wheel (SRW). N/A with 9,500 lbs. GVWR or greater. Includes Locking Lug Nuts.	\$ 391.00
<input type="checkbox"/>	51A	Delete full-size spare tire & wheel. Optional on DRW Van only.	\$ (107.00)

Contract #150



<input checked="" type="checkbox"/> 58X	AM/FM stereo, 4" multi-function display, single-CD, Message Center (level 1 instrument cluster), SYNC®, USB port, leather-wrapped steering wheel with controls for audio and multi-function display. Includes Illuminated Driver and Passenger Sun visors (85C) on Low Roof Cargo Vans. Note: Requires Cruise Control (60C)	\$ 704.00
<input type="checkbox"/> 58Y	AM/FM stereo, 4" multi-function display, Message Center (level 1 instrument cluster), SYNC®, USB port, leather-wrapped steering wheel with controls for audio and multi-function display, single-CD, HD and SiriusXM® Satellite Radio capability. Includes Illuminated Driver and Passenger Sun visors (85C) on Low Roof Cargo Vans. Note: Requires Cruise Control (60C)	\$ 884.00
<input type="checkbox"/> 584	AM/FM stereo, SYNC® 3 with Navigation and 6.5" color multi-function display media hub, leather-wrapped steering wheel with controls for audio and multi-function display, HD and SiriusXM® Satellite Radio capability and Lane-Keeping Alert with Driver Alert (41C). Does not include single-CD. Includes Illuminated Driver and Passenger Sun visors (85C) on Low Roof Cargo Vans. Note: Requires Cruise Control (60C)	\$ 1872.00
<input type="checkbox"/> 585	AM/FM stereo with audio input jack, microphone and Bluetooth® interface. Not available with Interior Upgrade Package (96B or 96C), Motorhome Prep Package (47M), Builders Prep Package (61A), or Lane Keeping Alert (41C). Includes Illuminated Driver and Passenger Sun visors on Low Roof Vans	\$ 124.00
<input checked="" type="checkbox"/> 60C	Cruise Control with Message Center (Full Trip Computer and Engine-Hour Meter)	\$ 299.00

Front Seating

<input checked="" type="checkbox"/>	Pewter Vinyl, 2-way manual driver/passenger seats, driver-side armrest.	NC
<input type="checkbox"/>	Pewter Cloth, 2-way manual driver/passenger seats with driver/passenger-side airbags, inboard armrests and driver-side manual lumbar. Includes Side Curtain Airbags.	\$ 56.00
<input type="checkbox"/>	Charcoal Cloth, 2-way manual driver/passenger seats, with inboard armrest and driver-side manual lumbar. Does NOT include side Curtain Airbags. Optional on Vans 10,360 GVWR only (S4X, S4U). Late availability	\$ 56.00
<input type="checkbox"/>	Pewter Cloth, 10-way power driver and 2-way manual passenger seats, driver/front passenger-side airbags and inboard armrests. Includes Side Curtain Airbags. N/A on 3.2L LWB 9,250lb Van.	\$ 355.00
<input type="checkbox"/>	Charcoal Cloth, 10-way power driver and 2-way manual passenger seat, driver/front passenger-side airbags and inboard armrests. Includes Side Curtain Airbags. N/A on 3.2L LWB 9,250lb Van.	\$ 355.00
<input type="checkbox"/>	Pewter Leather, 10-way power driver/front passenger seats, with driver-side and front-passenger-side airbags and inboard armrests. Includes Side Curtain Airbags. N/A on 3.2L LWB 9,250lb Van.	Requires Premium Van Package



<input type="checkbox"/>	76D	White DRW Package. Fleet Option only w/valid FIN code	\$ 32.00
<input type="checkbox"/>	64C	Steel Wheel Painted (White) with Black Hubcaps (SRW). Fleet Option only.	\$ 32.00
<input type="checkbox"/>	64H	Steel with Full Silver Wheel Cover. SRW only. Incl. with Exterior Upgrade Package (18D)	\$ 32.00
<input type="checkbox"/>	52C	Keyless-Entry Pad.	\$ 88.00
<input checked="" type="checkbox"/>	43B	Back Up Alarm.	\$ 115.00
<input checked="" type="checkbox"/>	68B	Remote Start	\$ 456.00

INTERIOR OPTIONS

<input type="checkbox"/>	16E	Floor covering - Vinyl, front and rear. Incl. in Interior Upgrade Pkg. and Load Area Protection Package. Not available with Front/Rear Aux A/C and Heater (57G) on Van. Wheel Well Cover and Rear/Side Scuff Plates are included as part of the rear vinyl floor covering.	\$ 225.00
<input type="checkbox"/>	96D	Load Area Protection Package (Full Height). Includes Complete rear polypropylene panels on side walls and doors. N/A with Window Packages 17F, 17G, 17H, 17J, and 17K	Low Roof 207.00 Mid Roof 272.00 High Roof 483.00
<input type="checkbox"/>	85C	Vinyl Sun Visors with Illuminated Vanity Mirror (Driver and Passenger) Included and only available with Audio Packs #21 (58X), #22 (58Y), #28 (584) on Low Roof Vans	\$ N/C
<input checked="" type="checkbox"/>	48F	Keys: 2 additional (4 total) with FOBs	\$ 69.00
<input type="checkbox"/>	41C	Lane Keeping Alert with Driver Alert Includes Level 2 instrument cluster and leather steering wheel. Included in Audio with SYNC® Package 28 (584). Requires Cruise Control (60C)	\$ 345.00
<input type="checkbox"/>	62B	MyKey® – Requires PATS (66P) and Cruise Control (60C). Includes Level 1 Instrument Cluster. Not available with speed limiting options, AM/FM radio (Audio Packs 16,17,18), radio delete or radio prep or FCSD remote start.	\$ 4.00
<input type="checkbox"/>	90C	Power Inverter – 12V to 110V. Requires Dual Heavy-Duty Batteries (63E). Not Available with Diesel Engine equipped with Seat Packs 21J and 21K	\$ 92.00
<input type="checkbox"/>	60B	Heavy-Duty Cargo Flooring. Includes Heavy-Duty Rear Scuff Plate Kit. Not available with Dual Sliding Side Cargo Doors, Dual Rear Wheels or Front/Rear Aux A/C	\$ 685.00
<input type="checkbox"/>	96J	Premium Package Van- Vinyl, Front and Rear (16E) for Cargo Van (101A) except when ordered with Heavy-Duty Cargo Flooring (60B) • Exterior Upgrade Package (18D) • Interior Upgrade Package (96B and 96C) • Pewter Leather 10-way power driver and front-passenger seats	\$ 1523.00
<input type="checkbox"/>	66C	D-Pillar Assist Handles. Not available with Front/Rear Aux A/C or Low Roof	\$ 27.00
<input checked="" type="checkbox"/>	47G	Front/Rear Aux A/C and Heater (Driver controlled). Requires Reverse Sensing System (43R) on Low Roof Van. Includes Heavy-Duty Alternator on Gas Engines (3.7L/3.5L) (63C). N/A with Vinyl, front and rear (16E) Van only. N/A with Auxiliary Heater /AC Prep Package without Rear Controls (62C). N/A with Load Area Protection Package (96D) on Vans. N/A with Interior Upgrade Package (96C) or Premium Package (96J). Includes Polypropylene Panels	\$ 792.00
<input type="checkbox"/>	94B	Ford Telematics	\$ 824.00
<input checked="" type="checkbox"/>	487C	User-Defined Upfitter Switches (4). Requires Heavy-Duty Alternator (63C) and Dual Heavy-Duty Batteries (63E) and Auxiliary Fuse Box (87E)	\$ 79.00
<input type="checkbox"/>	87C	Auxiliary Fuse Box. Requires Heavy-Duty Alternator (63C), Dual Heavy-Duty Batteries (63E). Includes Modified Vehicle Wiring System (53K). Included with User-Defined Upfitter Switches (67C)	NC

Contract #150



COLOR & TRIM AVAILABILITY

Interior Color

<input checked="" type="checkbox"/>	Pewter Vinyl Standard	STD
<input type="checkbox"/>	Pewter Cloth Optional-Included with Front Seating Option	N/C
<input type="checkbox"/>	Charcoal Cloth Optional-Included with Front Seating Option	N/C
<input type="checkbox"/>	Pewter Leather L.K Optional	\$ 1187.00

Exterior Color Code

<input type="checkbox"/>	School Bus Yellow (fleet only) BY •	N/C
<input type="checkbox"/>	Race Red PQ	N/C
<input checked="" type="checkbox"/>	Oxford White YZ	N/C
<input type="checkbox"/>	Shadow Black Metallic - G1	\$ 139.00
<input type="checkbox"/>	Stone Gray Metallic	\$ 139.00
<input type="checkbox"/>	Magnetic Metallic - J7	\$ 139.00
<input type="checkbox"/>	White Gold-GN	\$ 139.00
<input type="checkbox"/>	Blue Jeans Metallic - N1	\$ 139.00
<input type="checkbox"/>	Ingot Silver Metallic - UX	\$ 139.00
<input type="checkbox"/>	Green Gem Metallic - W6	\$ 139.00



Windows/Glass

<input type="checkbox"/>	17A	Fixed rear-door glass	\$ 69.00
<input type="checkbox"/>	17B	Fixed rear-door glass and fixed passenger-side cargo-door glass	\$ 231.00
<input type="checkbox"/>	17D	Fixed Rear-Door Glass and Fixed Driver and Passenger Side Cargo-Door Glass. Requires Dual Sliding Side Cargo-Doors Includes 2 ND Row Steel Mesh Screen	
<input type="checkbox"/>	17F	Windows-All-Around, fixed. Not available with Dual Sliding Side Cargo-Doors.	\$ 415.00
<input type="checkbox"/>	17G	Windows-all-Around with 4th row flip-open glass. Not available with Dual Sliding Side Cargo-Doors Includes 2 nd Row Steel Mesh Screen	\$ 552.00
<input type="checkbox"/>	57N	Rear-Window Defogger. Requires Window Package that incl Fixed Rear-Door Glass (17A-K)	\$ 161.00
<input checked="" type="checkbox"/>	492E	Privacy Glass – Includes Rear-window Defogger (57N)	\$ 276.00

PACKAGED OPTIONS

<input type="checkbox"/>	18D	Exterior Upgrade Package Chrome Headlamp Trim, Chrome Grille and Grille Surround, 16" Steel Wheel (Black E-coat) on SRW Models, 16" Steel Wheel on DRW Models, Full Wheel Covers (SRW Only)	\$ 329.00
<input type="checkbox"/>	96D	Load Area Protection Package (Full Heights) Vinyl, Front and Tear, Charcoal (21M) 2-way manual (fore/aft/recline) driver and includes complete rear Polypropylene Panels on Side Walls and doors.	Low: \$158.00 Med: \$208.00 High: \$289.00
<input type="checkbox"/>	53B	Heavy Duty Trailer Tow Package Trailer Wiring Provisions, 4-Pin/7-Pin Connector, Electric Brake Controller Tap-in Capability, Relay system for backup/B+/running lights, Frame mounted hitch receiver, Tow/Haul Mode	\$ 397.00

Extended Warranties

<input type="checkbox"/>		3 Year 100,000 Powertrain Care	\$ 895.00
<input checked="" type="checkbox"/>		3 Year 100,000 Base Care	\$ 1,495.00

Additional Options

<input type="checkbox"/>		Rustproofing & Undercoating	\$ 395.00
<input type="checkbox"/>		Service Manual (CD Rom)	\$ 385.00
<input type="checkbox"/>		Delivery greater than 50 miles of dealership	\$ 185.00
<input checked="" type="checkbox"/>		Adrian racks & bins	\$ 2,595.00
<input checked="" type="checkbox"/>		4-corner LED Stobes	\$ 895.00
<input checked="" type="checkbox"/>		M-Plates & Title (Shipped)	\$ 203.00

\$ 39,871.00



Title Name _____
Title Address _____
Title City _____
Title Zip Code _____
Contact Name _____
Phone Number _____
Purchase Order Number _____
Fleet Identification Number _____
Tax Exempt Number _____
Total Dollar Amount _____
Total Number of Units _____
Delivery Address _____

***Orders Require Signed Original Purchase Order and Tax Exempt Letter Submitted to:**

*Currie Motors Fleet
10125W Laraway
Frankfort, IL 60423
PHONE: (815)464-9200
Tom Sullivan Curriefleet@gmail.com
Kristen De La Riva Fleetcurrie@gmail.com*

**Fleet Status is accessible by registering at www.fleet.ford.com. Please provide FIN Code at time of order to track your order times.*

**Title Corrections will be Billed Appropriate Assessed Fees by the Sec. of State*

Contract #150

Police



**2020 Ford Utility Police Interceptor AWD Hybrid
Contract #152**



Currie Motors Commercial Center
Your Full Line Municipal Dealer

"Nice People to do Business With"

PRODUCTION BEGINS JUNE 2019



2020 Ford Utility Police Interceptor AWD Hybrid Contract #152 \$35,259

MECHANICAL

3.3L Police-Calibrated V6 Direct-Injection Hybrid Engine System
 – Standard (Hybrid technology is optimal for performance and long days spent idling on the job)
 ● AWD Drivetrain – Standard for enhanced handling precision and unsurpassed traction on wet or dry surfaces
 Transmission – 10-speed automatic, police calibrated for maximum acceleration and faster closing speeds
 Lithium-Ion Battery Pack
 Brakes – Police calibrated high-performance regenerative braking system
 ● 4-Wheel heavy-duty disc w/heavy-duty front and rear calipers
 ● Brake Rotors – large mass for high thermal capacity and calipers with large swept area.
 ● Electric Power-Assist Steering (EPAS) – Heavy-Duty DC/DC converter – 220-Amp (in lieu of alternator)
 H7 AGM Battery (Standard; 800 CCA/80-amp)
 ● Cooling System – Heavy-duty, large high volume radiator, Engine oil cooler and transmission oil cooler
 ● Engine Idle Hour Meter
 ● Engine Hour Meter
 ● Powertrain mounts – Heavy-Duty
 50-State Emissions System

INTERIOR/COMFORT

● Cargo Area – Spacious area for police equipment; Lithium-Ion Battery Pack does not intrude into the cargo area
 ● Cargo Hooks
 ● Climate Control – Dual-Zone Electronic Automatic Temperature Control (DEATC)
 ● Door-Locks — Power — Rear-Door Handles and Locks Operable ● Fixed Pedals (Driver Dead Pedal)
 ● Floor – Flooring – Heavy-Duty Thermoplastic Elastomer
 ● Glove Box – Locking/non-illuminated
 ● Grab Handles – (1 – Front-passenger side, 2-Rear)
 ● Liftgate Release Switch located in overhead console (45 second timeout feature)
 ● Lighting — Overhead Console — Red/White Task Lighting in
 ● Overhead Console — 3rd row overhead map light
 ● Mirror – Day/night Rear View
 ● Particulate Air Filter
 ● Powerpoints – (1) First Row
 ● Rear-window Defrost
 ● Scuff Plates – Front & Rear
 ● Speed (Cruise) Control
 ● Speedometer – Calibrated (includes digital readout)
 ● Steering Wheel – Manual / Tilt, Urethane wheel finish w/Silver Painted Bezels with Speed Controls and 4-user configurable latching switches
 ● Sun visors, color-keyed, non-illuminated

INTERIOR/COMFORT (CONTINUED)

● Seats — 1st Row Police Grade Cloth Trim, Dual Front Buckets with reduced bolsters — 1st Row – Driver 6-way Power track (fore/aft. Up/down, tilt with manual recline, 2-way manual lumbar) — 1st Row – Passenger 2-way manual track (fore/aft. with manual recline) — Built-in steel intrusion plates in both driver/passenger seatbacks — 2nd Row Vinyl, 35/30/35 Split Bench Seat (manual fold-flat, no tumble) – fixed seat track
 ● Universal Top Tray – Center of I/P for mounting aftermarket equipment
 ● Windows, Power, 1-touch Up/Down Front Driver/Passenger-Side with disable feature
EXTERIOR
 ● Antenna, Roof-mounted Cladding – Lower bodyside cladding MIC ● Door Handles – Black (MIC)
 ● Exhaust True Dual (down-turned)
 ● Front-Door-Lock Cylinders (Front Driver / Passenger / Liftgate)
 ● Glass – 2nd Row, Rear Quarter and Liftgate Privacy Glass
 ● Grille – Black (MIC)
 ● Headlamps – Automatic, LED Low-and-High-Beam Note: Includes Front Headlamp / Police Interceptor Housing (with LED wig-wag feature) — Pre-drilled hole for side marker police use, does not include LED strobe, but includes LED wig-wag functionality (eliminates need to drill housing assemblies and provides LED wig-wag feature) — Pre-molded side warning LED holes with standard sealed capability (does not include LED installed lights)
 ● Liftgate – Manual 1-Piece – Fixed Glass w/Door-Lock Cylinder ● Mirrors – Black Caps (MIC), Power Electric Remote, Manual Folding with Integrated Spotter (integrated blind spot mirrors not included when equipped with BLIS®)
 ● Spare – Full size 18" Tire w/TPMS
 ● Spoiler – Painted Black Tailgate Handle – (MIC)
 ● Tail lamps – LED
 ● Tires – 255/60R18 A/S BSW
 ● Wheel-Lip Molding – Black (MIC)
 ● Wheels – 18" x 8.0 painted black steel with wheel hub cover
 ● Windshield – Acoustic Laminated
POLICE UPFIT FRIENDLY
 ● Consistent 11-inch space between driver and passenger seats for aftermarket consoles (9-inch center console mounting plate)
 ● Console mounting plate
 ● Dash pass-thru opening for aftermarket wiring
 ● Headliner – Easy to service
 ● Two (2) 50 amp battery ground circuits – power distribution junction block (repositioned behind 2nd row seat floorboard).

SAFETY/SECURITY HIGHLIGHTS

- 75-mph Rear-impact Crash Tested
- Note:** The full-size spare tire secured in the factory location is necessary to achieve police-rated 75-mph rear impact crash-test performance attributes
- AdvanceTrac® w/RSC® (Roll Stability Control™) police tuned
- gyroscopic sensors work seamlessly with the ABS
- Rear Video Camera with Washer (standard)
 - Airbags, dual-stage driver & front-passenger, side seat, passenger-side knee, Roll Curtain Airbags and Safety Canopy®
 - Anti-Lock Brakes (ABS) with Traction Control Brakes – Police calibrated high-performance regenerative braking system
 - Belt-Minder® (Front Driver / Passenger)
 - Child-Safety Locks (capped)
 - Individual Tire Pressure Monitoring System (TPMS)
 - LATCH (Lower Anchors and Tethers for Children) system on rear outboard seat locations
 - Seat Belts, Pretensioner/Energy-Management System w/adjustable height in 1st Row
 - SOS Post-Crash Alert System™

WARRANTY

- 3 Year / 36,000 Miles Bumper / Bumper
- 8 Year / 100,000 Miles Hybrid Unique Components

FUNCTIONAL

- Audio — AM/FM / MP3 Capable / Clock / 4-speakers — Bluetooth® interface — 4.2" Color LCD Screen Center-Stack "Smart Display" Note: Standard radio does not include USB Port or Aux. Audio Input ●Jack; Aux. Audio Input Jack requires SYNC 3®
 - Easy Fuel® Capless Fuel-Filler
 - Ford Telematics™ – Includes Ford Modem and complimentary 2- year trial subscription
 - Front door tether straps (driver/passenger)
 - Power pigtail harness
 - Recovery Hooks; two in front and trailer bar in rear
 - Simple Fleet Key (w/o microchip, easy to replace; 4-keys)
 - Two-way radio pre-wire
 - Two (2) 50 amp battery ground circuits – power distribution junction block (behind 2nd row passenger seat floorboard)
 - Wipers – Front Speed-Sensitive Intermittent; Rear Dual Speed Wiper
- POWERTRAIN CARE EXTENDED SERVICE PLAN**
- 5-year/100,000-mile Powertrain CARE Extended Service Plan (zero deductible) – Standard

<input type="checkbox"/>	99B	3.3L V-6 TIVCT Gasoline Motor	-\$3,265
<input type="checkbox"/>	99C	3.0 V-6 EcoBoost Engine	\$751
<input type="checkbox"/>	41H	Engine Block Heater	\$86
<input type="checkbox"/>	19K	H8 AGM Battery (900 CCA/92 AMP)	\$104
<input type="checkbox"/>	43D	Dark Car Feature—Courtesy Lights Inoperative	\$24
<input type="checkbox"/>	942	Daytime Running Lights	\$42
<input type="checkbox"/>	17T	Dome Lamp Red/White Cargo Area	\$49
<input type="checkbox"/>	51R	Spot Light Drivers Side LED Bulb—Unity	\$375
<input type="checkbox"/>	51T	Spot Light Drivers Side LED Bulb—Whelen	\$399
<input type="checkbox"/>	51S	Spot Light Dual LED Bulbs—Unity	\$589
<input type="checkbox"/>	51V	Spot Light Dual LED Bulbs—Whelen	\$632
<input type="checkbox"/>	51P	Spot Lamp Prep Kit—Driver Side (does not include housing & bulb)	\$132
<input type="checkbox"/>	51W	Spot Lamp Prep Kit—Dual Side (does not include housing & bulb)	\$266
<input type="checkbox"/>	21L	Front Auxiliary Light Red/Blue—requires option 60A	\$524
<input type="checkbox"/>	60A	Prewiring Grille Lamp, Siren, Speaker	\$49
<input type="checkbox"/>	63B	Side Marker LED—Red/Blue—requires option 60A	\$276
<input type="checkbox"/>	63L	Rear Quarter Glass Side Marker Lights—Red/Blue	\$546
<input type="checkbox"/>	92G	Glass-Solar Tint 2 nd Row/Rear Quarter/Liftgate Window (deletes privacy glass)	\$114
<input type="checkbox"/>	92R	Glass—Solar Tint 2 nd Row/Rear Only, Privacy Glass on Rear Quarter/Liftgate Window	\$81
<input type="checkbox"/>	87R	Rearview Camera—Includes Electrochromic Rearview Mirror (replaces standard camera in center stack area)	N/C
<input type="checkbox"/>	19V	Rear Camera-On-Demand	\$218
<input type="checkbox"/>	76P	Pre-Collision Assist w/ Pedestrian Detection	\$137
<input type="checkbox"/>	68B	Police Perimeter Alert	\$641
<input type="checkbox"/>	68G	Rear Door Handles Inoperable/Locks Inoperable	\$71
<input type="checkbox"/>	52P	Hidden Door Lock Plunger w/ Rear Door Handles Inoperable	\$153
<input type="checkbox"/>	16C	1 st & 2 nd Row Carpet Floor Covering (includes mats)	\$119
<input type="checkbox"/>	18D	Global Lock/Unlock (Disables AutoLock on Rear Hatch)	\$24
<input type="checkbox"/>	87P	Power Passenger Seat (8-Way) w/ manual recline/lumbar	\$309
<input type="checkbox"/>	85D	Front Console Plate Delete	N/C
<input type="checkbox"/>	85R	Rear Console Plate	\$42
<input type="checkbox"/>	90D	Ballistic Door Panels—Level III Driver Front Only	\$1,506
<input type="checkbox"/>	90E	Ballistic Door Panels—Level III Driver/Passenger Front	\$3,012
<input type="checkbox"/>	90F	Ballistic Door Panels—Level IV Driver Front Only	\$2,294
<input type="checkbox"/>	90G	Ballistic Door Panels—Level IV Driver/Passenger Front	\$4,588
<input type="checkbox"/>	96W	Front Interior Windshield Warning Lights	\$1,087
<input type="checkbox"/>	96T	Rear Spoiler Traffic Light	\$1,420
<input type="checkbox"/>	55B	BLIS Blind Spot Monitoring (includes manual heated mirrors)	\$517
<input type="checkbox"/>	32T	Class III Trailer Tow Light Package	\$76
<input type="checkbox"/>	549	Mirrors—Heated Sideview	\$58

<input type="checkbox"/>	593	Perimeter Anti-Theft Alarm—(Requires Keyless 55F)	\$114
<input type="checkbox"/>	55F	Keyless—4 Fobs	\$322

<input type="checkbox"/>	76R	Reverse Sensing	\$261
<input type="checkbox"/>		Keyed Alike Code_____Please Specify Current Keyed Alike Code	\$49
<input type="checkbox"/>	65L	18" 5 Spoke Full Face Wheel Covers w/ Metal Clips	\$58
<input type="checkbox"/>	64E	18" Painted Aluminum Wheels	\$451
<input type="checkbox"/>	17A	Aux Air Conditioning (N/A w/ 63V)	\$579
<input type="checkbox"/>	16D	Badge Delete	N/C
<input type="checkbox"/>	63V	Cargo Storage Vault—includes lockable door/compartment light (N/A w/ 17A)	\$232
<input type="checkbox"/>	60R	Noise Suppression Bonds (Ground Straps)	\$95
<input type="checkbox"/>	18X	100 Watt Siren/Speaker (includes bracket & pigtail)	\$299
<input type="checkbox"/>	47A	Engine Idle Control	\$385
<input type="checkbox"/>		Rustproofing (Soundshield N/A)	\$395
<input type="checkbox"/>		4 Corner LED Strobes (aftermarket using 86P & 86T)	\$895
<input type="checkbox"/>		CD-ROM Service Manual	\$325
<input type="checkbox"/>		Delivery Greater than 50 Miles of Dealership	\$150
<input type="checkbox"/>		License & Title—Municipal____Municipal Police_____	\$203
<input type="checkbox"/>		License & Title—Passenger Plates	\$221
<input type="checkbox"/>		Dealership Handled License Plate Transfer	\$95
<input type="checkbox"/>		Manufacturer's Statement of Origin (MSO) / Customer completes their own license & title work for the municipality.	N/C

<input type="checkbox"/>		ESP Extended Warranty ExtraCare 5 Year/60,000 Miles	Call for Details
<input type="checkbox"/>		ESP Extended Warranty BaseCare 3 Year/100,000 Miles	Call for Details
<input type="checkbox"/>		ESP Extended Warranty PowerTrain 6 Year/100,000 Miles	Call for Details
<input type="checkbox"/>		ESP Extended Warranty BaseCare 6 Year/100,000 Miles	Call for Details

<input type="checkbox"/>	67V	Police Wire Harness Connector Kit—Front/Rear Front— 2 male 4-pin connectors for siren, 5 female 4-pin connectors for lighting/siren/speaker, 4-pin IP connector for speakers, 4-pin IP connector for siren controller connectivity, 8-pin sealed connector, & 14-pin IP connector Rear— 2 male 4-pin connectors for siren, 5 female 4-pin connectors for lighting/siren/speaker, 4-pin IP connector for speakers, 4-pin IP connector for siren controller connectivity, 8-pin sealed connector, & 14-pin IP connector	\$176
<input type="checkbox"/>	66A	Front Headlamp Lighting Solution— Includes Base LED low beam/halogen high beam w/ wig-wag function, 2 white LED side warning lights, wiring, LED lights included, controller not included (N/A w/ 67H) Recommend using 67G or 67U	\$850
<input type="checkbox"/>	65U	Police Interior Upgrade Package— 1 st & 2 nd row carpet floor covering, rear cloth seats, center floor console less shifter—include console. Deletes standard console mounting plate. SYNC 3 (Enhanced Voice Recognition Communications and Entertainment System), 4.2 Color LCD Screen Center Stack, Applink, & 911 Assist (N/A w/ 67G, 67H, 67U)	\$371

<input type="checkbox"/> 66C	Rear Lighting Solution —Includes two backlit flashing LED lights (mounted to inside liftgate glass), two liftgate flashing LED lights (N/A w/ 67H)	\$433
<input type="checkbox"/> 86T	Taillamp Housing Only —Includes pre-existing holes with standard twist lock sealed capability, does not include LED lights (N/A w/ 66B, 67H)	\$58
<input type="checkbox"/> 67U	Ultimate Wiring Package —Includes rear console mounting plate (85R)—contours through 2 nd row, channel for wiring, pre-wiring for grille LED lights, siren & speaker, wiring harness I/P to rear (overlay), 2 light cables—supports up to 6 LED lights (engine compartment/grille), 2 50 amp battery & ground circuits in RH rear quarter, 1 10 amp siren/speaker circuit engine cargo area, rear hatch/cargo area wiring—supports up to 6 rear LED lights (N/A w/ 65U, 67G, 67H)	\$533
<input type="checkbox"/> 67H	Ready for the Road—All-in Complete Package—Includes Police Interceptor Packages 66A, 66B, 66C plus— <ul style="list-style-type: none"> • Whelen Cencom Light Controller • Whelen Concom Relay Center/Siren Amp w/ Traffic Advisor • Light Controller/Relay Cencom Wiring • Grille LED Lights • 100 Watt Siren/Speaker • 9 I/O Digital Serial Cable (console to cargo) • Hidden Door Lock Plunger & Read Door Handles Inoperable • Rear Console Mounting Plate (N/A w/ 66A, 66B, 66C, 67G, 67U, 65U)	\$3,415

<input type="checkbox"/> BU	Medium Brown Metallic	N/C
<input type="checkbox"/> E3	Arizona Beige Metallic Clearcoat	N/C
<input type="checkbox"/> E4	Vermillion Red	N/C
<input type="checkbox"/> FT	Blue Metallic	N/C
<input type="checkbox"/> HG	Smokestone Metallic	N/C
<input type="checkbox"/> J1	Kodiak Brown Metallic	N/C
<input type="checkbox"/> JL	Dark Toreader Red Metallic	N/C
<input type="checkbox"/> JS	Iconic Silver Metallic	N/C
<input type="checkbox"/> KR	Norsea Blue Metallic	N/C
<input type="checkbox"/> LK	Dark Blue	N/C
<input type="checkbox"/> LM	Royal Blue	N/C
<input type="checkbox"/> LN	Light Blue Metallic	N/C
<input type="checkbox"/> TN	Silver Grey Metallic	N/C
<input type="checkbox"/> UJ	Sterling Grey Metallic	N/C
<input type="checkbox"/> UM	Agate Black	N/C
<input type="checkbox"/> YG	Medium Titanium Metallic	N/C
<input type="checkbox"/> YZ	Oxford White	N/C

<input type="checkbox"/>	Charcoal Black w/ Vinyl Rear	N/C
<input type="checkbox"/>	Charcoal Black w/ Cloth Rear	\$58
<input type="checkbox"/>	Rear Center Seat Delete	N/C



Please complete the following in its entirety.

Title Information:

Contact Name:

Phone Number:

Purchase Order Number:

Ford FIN Code:

Tax Exempt Number:

Total Number of Units:

Total Dollar Amount:

Delivery Address:

**Orders require an original signed purchase order & tax exempt letter.
Fleet status is accessible by registering at www.fleet.ford.com.**

Currie Motors Commercial Center
10125 W. Laraway Road
Frankfort, IL 60423
(815) 464-9200
Kristen De La Riva fleetcurrie@gmail.com
Tom Sullivan curriefleet@gmail.com



Martin Implement Sales, Inc.

www.martinimplement.com

Central Office

18405 115th Avenue
Orland Park, IL 60467-9489
(708) 349-8430 Phone
(708) 349-4230 Fax

West Branch

420 Nolen Drive
South Elgin IL 60177-2238
(630) 883-3320 Phone
(847) 695-9105 Fax

North Branch

26354 N US Highway 12
Wauconda, IL 60084-2427
(847) 469-0120 Phone
(847) 526-8054 Fax

Ship to: SAME AS BELOW

Invoice to: Village of Tinley Park
16250 S. Oak Park Ave.
Tinley Park IL 60477-1628

Attention: Jeff Cossidente

Table with 4 columns: Branch, Date, Account No., Ship Via, Sales Tax No., and Salesperson. Includes details like '01 - Martin Impl', '07/06/2018', 'TINLE001', and 'E9998-1181'.

EQUIPMENT QUOTE

Description ** Q U O T E ** EXPIRY DATE: 07/31/2018 Amount

Stock #: 42019 Serial #: 32041 52170.00
new Kubota SVL75-2 compact track Loader
m/n SVL75-2HWC
with TIER IV 74.3 hp Kubota diesel engine, 2 speed drive,
hydraulic joystick controls (ISO pattern), 15.0" rubber
tracks, cab with heater & A/C, hydraulic quick coupler and
74" HD low profile / long floor bucket with bolt-on edge &
side cutters (m/n AP-HD74LLC, s/n 1020850k)

WATER
(SKID STEER)

Selling price includes 24 month / 2,000 hour (whichever
comes first) Factory Warranty
Rubber tracks covered for 12 months or 1,000 hours
(which ever comes first)
(see dealer for details)

Stock #: 42629 Serial #: 1736314 4725.00
new Sweepster SB72 72 inch hydraulic pick-up broom
m/n 20572M-0903 (NH p/n 84188888)
with 1/2 wire - 1/2 poly brushes & hoses/couplers
(for universal SSL's)

Stock #: 42700 Serial #: 83,029 5995.00
new Ammbusher 72 inch hydraulic rotary cutter
m/n 720-12 (NH p/n 9863737)
with 2 blades, stump jumper blades carrier &
hoses/couplers, White#12 motor (m/n 300200A0120AJAAD, 19-23
gallons per minute)
(does not include safety door or wheel kit)
(for universal SSL's)

Stock #: ? Serial #: 850.00
new Melecio 74 inch HD bolt-on-toothbar

TOTAL \$ 63,740

Selling price is F.O.B. Martin Implement Sales and does not include sales tax; add if applicable.
Equipment is subject to prior sale



Martin Implement Sales, Inc.

IMPLEMENT

www.martinimplement.com

Central Office

18405 115th Avenue
Orland Park, IL 60467-9489
(708) 349-8430 Phone
(708) 349-4230 Fax

West Branch

420 Nolen Drive
South Elgin, IL 60177-2238
(630) 883-3320 Phone
(847) 695-9105 Fax

North Branch

26354 N US Highway 12
Wauconda, IL 60064-2427
(847) 466-0120 Phone
(847) 526-8054 Fax

Ship to: SAME AS BELOW

Invoice to: Village of Tinley Park
16250 S. Oak Park Ave.
Tinley Park IL 60477-1628

Attention: Jeff Cossidente

Branch 01 - Martin Impl
Date 07/14/2018 Time 13:40:10 (O) Page 1
Account No. TINLE001 Phone No. 7084445526 Quote No 03 016909
Ship Via Purchase Order
Sales Tax No. E9998-1181
Salesperson 100

EQUIPMENT QUOTE

Description ** Q U O T E ** EXPIRY DATE: 07/14/2019 Amount

Stock #: ? Serial #: 145630.00

used Hyundai HX145LCR excavator
m/n HX145LCR
with Perkins 1204E diesel engine, cab with heater & A/C,
15' 1" mono boom, 9' 10" long arm, rubber pads (bolt-on
type) for 20" tracks, pattern selector, radio/USB player,
Hi-Mate remote management system, air suspension seat
with heater, rear view camera, double acting hydraulics
with piping for boom/dipper, quick coupler piping, two
front lights plus one rear light on roof, amber beacon
lamp, Werk-Brau D-Lock hydraulic coupler and Werk Brau 18
inch HD bucket with spade teeth and one set of bucket pins

WATER
(EXCAVATOR)

Selling price includes Hyundai Hi-Mate management system
with free subscription service for 60 months from date of
sale

Selling price includes 36 month / 3,000 hour (whichever
comes first) factory warranty. Structural items
(excavator main frame, boom & arm) are covered for 60
months / 10,000 hours (whichever comes first)

Stock #: ? Serial #: 4155.00

new Werk-Brau 24 inch HD excavator bucket
m/n EX12HD24
with Hensley spade teeth, bolt-on side cutters and one set
of bucket pins

Stock #: 43424 Serial #: 273652-4-1 4980.00

new Werk-Brau 36inch HD excavator bucket
m/n EX12HD36
with Hensley spade teeth, bolt-on side cutters and one set

TOTAL - \$1,157,000

Selling price is F.O.B. Martin Implement Sales and does not include sales tax; add if applicable
Equipment is subject to prior sale



JOHN DEERE

Street
(Back Hoe)



0
VILLAGE OF TINLEY PARK
16250 OAK PARK
TINLEY PARK, IL
708-444-5500

July 18, 2019

2019 John Deere 410L Backhoe Loader
SOURCEWELL Cooperative Contract 032515-JDC.

All the prices in the detailed sections are Per machine basis.

Machine Configuration

Code	Description	Qty	Unit Price
0AB0T	410L BACKHOE LOADER	1	126,797.00
1065	ENGINE FT4	1	14,820.00
170C	JDLINK 5YR TEMP LICENSE 50HR	1	IN BASE
2035	CAB	1	12,889.00
2401	DECAL ENG W/ENG PACKET	1	IN BASE
3065	AXLE MFWD W/LIMITED SLIP	1	IN BASE
4782	TIRE ML500/70R24,ML340/80R18	1	2,282.00
5285	CONTROL PILOT	1	2,594.00
5400	COUPLER LESS	1	IN BASE
5600	LESS BH BUCKET W/PINS	1	IN BASE
6020	DIPPER EXTENDABLE	1	8,141.00
6230	HYD,AUX W/1&2WAY FLOW, THUMB	1	6,058.00
7085	LDR CPLR 1LVR W/INT AUX W/RC	1	9,707.00
7660	LDR BKT 1.5CY LONG LIP CPLR	1	3,569.00
8485	COUNTERWEIGHT 1250LB.	1	1,711.00
8675	BATTERY DUAL	1	279.00
9045	CHROME EXHAUST	1	173.00
9060	MIRRORS INTERIOR	1	80.00
9116	ROOF W/LED LIGHTS	1	1,025.00
9210	CONSOLE LH W/CUP HOLDER	1	79.00
9235	THUMB 42" LONG	1	5,625.00
9505	MFWD FULL GUARD	1	417.00
9515	FLUID SAMPLING PORTS	1	201.00
9905	STROBE & HARDWARE	1	572.00
9916	RADIO PREMIUM PACKAGE	1	1,320.00
9920	MIRROR EXTERIOR REAR VIEW	1	334.00
9965	SEAT AIR SUSPENSION CLOTH	1	490.00
List Price			\$ 199,163.00
Discount 44%			\$ 87,631.72

Net Price	\$ 111,531.28
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Custom Jobs

Code	Description	Qty	Price
	Dlr provide Pre-Delivery Inspection, Supplies and Fuel Fill	1	1,450.00
	Dealer Provided Delivery	1	600.00
	Labor for field installed kits	1	577.50
Ext Warranty	Extended PTH warranty 60 Mos or 3000 Hrs whichever occurs first	1	2,582.22
NEW	W/R XLS COUPLER	1	1,018.99
NEW	W/R XLS 12" XLS STD TOOTH BKT	1	698.26
NEW	W/R XLS 18" STD TOOTH BKT	1	779.53
NEW	W/R 24" XLS STD TOOTH BKT	1	888.14
PC11330	Parts Manual	1	612.22
TM13299X19	Service Manual	1	886.79
TM13306X19	Test Manual	1	222.53
	Rear Strobe lights	1	3,111.11
	Slow moving Triangle	1	20.21
Total Price			\$ 13,447.51

Quote Summary (per unit)

Item Description	Prices
Machine Net Price	\$ 111,531.28
Custom Jobs	\$ 13,447.51
Price per Machine	\$ 124,978.79
Destination	Freight Charge
Rockdale, IL 60436	\$ 950.00

Total Net Price Quantity (1)	\$ 125,928.79
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Less Trade-in

2000 New Holland 555E with 5314 hours	5,000.00
Net Price less Trade-Ins	\$ 120,928.79

Warranty Terms

410L includes Basic STD warranty 12 Mos / Unlimited Hrs
 Extended PTH warranty 60 Mos or 3000 Hrs whichever occurs first

Remarks:

Please note that this quote is valid for 30 days. Purchase cards are accepted -- a 3% transaction fee will be calculated into the PO total for the credit card invoice payment.

Pat Carroll - Sales Representative West Side Tractor Sales - (815) 730-9011 • Fax (815) 730-9036 -
 pcarroll@westsidetractorsales.com



Street
—
Pickup Truck
(80)

**2019 FORD F-350
XL 4X2 CHASSIS CAB
Contract# 184**



Currie Motors Fleet

"Nice People to Do Business With"

Your Full-Line Municipal
Dealer www.CurrieFleet.com

Cut Off 08/02/19

Contract # 184



Currie Motors Frankfort
SPC Contract Winner
2019 FORD F-350
XL 4x2 CHASSIS CAB
Call Tom Sullivan (815) 464-9200
Standard Package: \$23,516.00

Warranty 3 Years 36,000 miles Bumper to Bumper/ 5 Years 60,000 Power train

6.2L 2 Valve Gasoline SOHC V-8
6-Speed Automatic w/ Select Shift
4-Wheel Disc Brakes
Front Black Painted Bumpers
Solar Tint Glass
Single Rear Wheel
3-Blink Lane Change Signal
Front Tow Hooks
18.0" Argent Steel Wheels
4 - LT275/65BSW-AS Tires
240 Amp Heavy Duty Alternator
Oil minder System
Independent Twin I -Beam w/coil
spring suspension (F350 4x2)

H.D. Gas Shock Absorbers
Front/Rear Stabilizers
Air Conditioner – Manual
Dome Lamp
AM/FM/Clock
Manual Door Locks & Windows
Intermittent Windshield Wiper
Advance Trac with Roll Stability
Control
Driver and Passenger Front & Side
Airbag/Curtain
Passenger Side Deactivation Switch
Free delivery within 50 miles of
dealership



Options – Body Style

<input type="checkbox"/>	Super Cab 60" Cab to Axle	2605.00
<input type="checkbox"/>	Crew Cab 60" Cab to Axle	3509.00
<input type="checkbox"/>	84" Cab to Axle Regular Cab Only Requires Dual Rear Wheel Option	262.00
<input type="checkbox"/>	Dual Rear Wheel Upgrade	1557.00

Options – Engine, Transmission, Powertrain

<input type="checkbox"/>		
<input type="checkbox"/>	6.7L OHV Power Stroke Diesel with 6 Speed Automatic	8391.00
<input type="checkbox"/>	4x4 with Manual Transfer Case	3507.00
<input type="checkbox"/>	Limited Slip Axle	359.00
<input type="checkbox"/>	62R PTO Provision	257.00
<input type="checkbox"/>	98G Gaseous Prep –Does not include Conversion	289.00
<input type="checkbox"/>	213 Electronic Shift On the Fly 4x4- requires 4x4 option	171.00
<input type="checkbox"/>	41H Engine Block Heater	92.00
<input type="checkbox"/>	Engine Idle Shut Down	231.00
<input type="checkbox"/>	67B Dual Extra Duty Alternators (requires Diesel Motor)	105.00
<input type="checkbox"/>	98R Operator Command Regeneration (requires Diesel Motor)	231.00
<input type="checkbox"/>	65M 28.5 Gallon Mid Ship Tank (Requires 96V STD on Single Rear Wheel)	115.00
<input type="checkbox"/>	65C Dual Tanks (Requires Diesel Motor)	575.00
<input type="checkbox"/>	Powertrain Care 3 Year 100,000 Warranty 4x2 Gasoline Motor	1,795.00
<input type="checkbox"/>	Powertrain Care 3 Year 100,000 Warranty 4x4 Gasoline Motor with Snow Plow Prep	2,950.00

Options – Wheels/Tires

<input type="checkbox"/>	TDX LT275/70RX18E A/T Plus-Single Rear Wheel 4x4 Chassis	152.00
<input type="checkbox"/>	TBM LT245/75RX17E BSW A/T-Dual Rear Wheel 4x4 Chassis	152.00
<input type="checkbox"/>	64J Cast Aluminum Wheels- Dual Rear Wheel Chassis Only	552.00
<input type="checkbox"/>	512 Spare Tire and Wheel	323.00
<input type="checkbox"/>	945 Stainless Steel Wheel Covers	377.00

Options - Functional

<input type="checkbox"/>	76C Back Up Alarm	128.00
<input type="checkbox"/>	18A Up fitter Interface Module	272.00
<input type="checkbox"/>	61J Jack – 6 Ton	51.00
<input type="checkbox"/>	43B Rear Defroster (Requires privacy glass and requires 90L)	56.00
<input type="checkbox"/>	924 Privacy Glass (Requires 90L and Rear Defroster)	27.00

Options - Groups/Packages

<input type="checkbox"/>	96V XL Value Package <ul style="list-style-type: none"> ▪ Cruise Control ▪ AM/FM/MP3/SYNC 	920.00
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<input type="checkbox"/> 90L	Power Equipment Group <ul style="list-style-type: none"> ▪ Heated power mirrors with integrated clearance lamps/turn signals ▪ Perimeter Alarm ▪ Accessory Delay ▪ Power Windows/Locks/Tailgate Lock ▪ Remote Keyless ▪ Upgraded door trim 	841.00
<input type="checkbox"/> 473	Snow Plow Prep Package-Requires 4x4 <ul style="list-style-type: none"> ▪ Upgraded Front Springs ▪ Extra Heavy-Duty Alternator 	171.00
<input type="checkbox"/> 67H	Heavy Service Front Suspension – Heavy Service Front Springs	115.00

Options – Miscellaneous

<input type="checkbox"/> 43C	110V/400W Outlet	69.00
<input type="checkbox"/> 41A	Rapid Heat Supplemental Cab Heater (requires Diesel Motor)	231.00
<input type="checkbox"/> 39S	Sirius XM Radio-requires 585 Radio	171.00
<input type="checkbox"/>	XLT Trim Package <div style="float: right;"> <input type="checkbox"/> Regular Cab <input type="checkbox"/> Super / Crew Cab </div>	3982.00 4294.00
<input type="checkbox"/> 63A	Utility Lighting System (Requires Power Equipment Group)	148.00
<input type="checkbox"/> 18B	Platform Running Boards <div style="float: right;"> <input type="checkbox"/> Regular Cab <input type="checkbox"/> Super / Crew Cab </div>	295.00 409.00

Options – Other

<input type="checkbox"/> 872	Rearview Camera Prep Kit – Displays in Rearview Mirror	381.00
<input type="checkbox"/> 76S	Remote Start (Requires Power Equipment Group)	231.00
<input type="checkbox"/> 52B	Trailer Brake Controller	249.00

Options – Fleet

<input type="checkbox"/> 17F	XL Décor Group (Chrome Front Bumper)	203.00
<input type="checkbox"/> 525	Cruise Control	216.00
<input type="checkbox"/> 942	Daytime Running Lights	41.00
<input type="checkbox"/> 556	Driver Passenger Side Airbags/Curtain Delete (N/A w/ 557)	-180.00
<input type="checkbox"/> 557	Front Passenger & Side Airbags/Curtains delete (N/A w/ 556)	-180.00
<input type="checkbox"/> 585	AM/FM/MP3/SYNC	507.00



Options – Accessories

<input type="checkbox"/>	91S LED Warning Strobes (Requires CHMSL / 59H)	621.00
<input type="checkbox"/>	4 Corner Strobes	895.00
<input type="checkbox"/>	Rustproofing does not include sound shield	295.00
<input type="checkbox"/>	9' Electric Hydraulic Dump Body – Black Finish (Requires hitch plate)	7039.00
<input type="checkbox"/>	11' Electric Hydraulic Dump Body – Black Finish (Requires hitch plate)	7839.00
<input type="checkbox"/>	Hitch Plate with Pintle/Receiver and Plug	525.00
<input type="checkbox"/>	9' Steel Service Body – White Finish (Requires Hitch Plate)	7009.00
<input type="checkbox"/>	11' Steel Service Body-White Finish (Requires Hitch Plate)	7809.00
<input type="checkbox"/>	8'6" Western Snow Plow	5,521.00
<input type="checkbox"/>	8'6" Boss Snow Plow	5,521.00
<input type="checkbox"/>	9' Western Snow Plow	5734.00
<input type="checkbox"/>	9' Boss Snow Plow	5734.00
<input type="checkbox"/>	10' Western Snow Plow	6063.00
<input type="checkbox"/>	10' Boss Snow Plow	6063.00
<input type="checkbox"/>	Hand Held Controller (Requires Plow)	90.00
<input type="checkbox"/>	Snow Deflector (Requires Plow)	295.00
<input type="checkbox"/>	Detailed CD Rom Shop Manual	295.00
<input type="checkbox"/>	Delivery More than 50 Miles	175.00
<input type="checkbox"/>	License & Title – M Plates (Shipped Direct From the State)	203.00



Exterior

<input type="checkbox"/>	AT-Yellow	608.00
<input type="checkbox"/>	BY-School Bus Yellow	608.00
<input type="checkbox"/>	D1-Stone Gray	N/C
<input type="checkbox"/>	E4-Vermillion	608.00
<input type="checkbox"/>	GR-Green	608.00
<input type="checkbox"/>	J7-Magnetic	N/C
<input type="checkbox"/>	PG&E Blue	608.00
<input type="checkbox"/>	MB-Orange	608.00
<input type="checkbox"/>	NI-Blue Jeans Metallic	N/C
<input type="checkbox"/>	PQ-Race Red	N/C
<input type="checkbox"/>	UM-Agate Black	N/C
<input type="checkbox"/>	UX-Ingot Silver	N/C
<input type="checkbox"/>	W6-Green Gem	608.00
<input type="checkbox"/>	Z1-Oxford White	N/C

Interior

<input type="checkbox"/>	Steel 40/20/40 Vinyl	STD
<input type="checkbox"/>	Steel 40/20/40 Cloth	92.00
<input type="checkbox"/>	Steel 40/Console/40 Vinyl- No Armrest Included (Regular Cab Only)	327.00
<input type="checkbox"/>	Steel 40/Console/40 Cloth- No Armrest Included	473.00



Title Name _____

Title Address _____

Title City _____

Title Zip Code _____

Contact Name _____

Phone Number _____

Purchase Order Number _____

Fleet Identification Number _____

Tax Exempt Number _____

Total Dollar Amount _____

Total Number of Units _____

Delivery Address _____

***Orders Require Signed Original Purchase Order and Tax Exempt Letter Submitted to:**

*Currie Motors Fleet
10125W Laraway
Frankfort, IL 60423
PHONE: (815)464-9200
Tom Sullivan Curriefleet@gmail.com
Kristen De La Riva Fleetcurrie@gmail.com*

**Fleet Status is accessible by registering at www.fleet.ford.com. Please provide FIN Code at time of order to track your order times.*

**Title Corrections will be Billed Appropriate Assessed Fees by the Sec. of State*

Contract #184



Interoffice Memo

FIRE
DEPARTMENT
(46)

Date: August 27, 2018
To: Chief Forest Reeder
From: Douglas J. Erwin, Assistant Fire Chief
Re: FY 2020 Fire Suppression Budget
Car 4604 replacement

This vehicle serves as a primary response vehicle for the Assistant Chiefs while off duty and allows for completion of day to day assignments. This vehicle was originally assigned as the Fire Chief's car and was reassigned in 2015 to its current position.

Car 4604 has approximately 80,000 miles and is scheduled for replacement with the Fire Departments schedule.

XXX/xx

attach.

cc:

VISION 120

BETTER • FASTER • SAFER • SMARTER

**Village of Tinley Park, Illinois
Capital Outlay Request**

Department

Fiscal Year

I. Description of capital request, and quantity
Replacement of Car 4604 (2007 Chevy Tahoe)

II. Explanation of Need

Car 4604 has been in service as a front line vehicle for 11 years and currently has 80, 000 miles and is scheduled to be replaced.

III. Will expenditure require increase in personnel?

No X
Yes

If yes, please provide detail

IV. Does this request replace an existing asset?

No
Yes

If yes, please provide detail and proposed method of disposition
Car 4604 will be taken out of service with the Fire Department and transferred to Public Works for further service with the Village

V. Costs	Unit Cost	Total Cost
Cost		
2018 Tahoe		\$38,155.00
Lighting		\$10,208.00
Paint (Roof)		\$3,000.00
Graphics		\$1,220.00
Other accessories		
Command Cabinet		\$3,859.00
Radios		\$3,320.00
Associated materials		
Other equipment/services		
Maintenance contracts		
Total costs		\$59,762

Doug Erwin

From: Tom Sweet <tom.s@crashchampions.com>
Sent: Monday, August 27, 2018 1:34 PM
To: Doug Erwin
Subject: 2-tone vehicles

Doug-I looked into painting the tops of those new vehicles for you. A rough estimate would be \$1500.00 on the Silverado & \$2900.00 on the Tahoe. Please call if you have any questions. Thanks

Tom Sweet
Service Advisor - Mokena
P: 708.479.4321
F: 708.479.4373
E: tom.s@crashchampions.com
W: <http://www.crashchampions.com/>



This message is confidential. It may also be privileged or otherwise protected by work product immunity or other legal rules. If you have received it by mistake, please let us know by e-mail reply and delete it from your system; you may not copy this message or disclose its contents to anyone. Please send us by fax any message containing deadlines as incoming e-mails are not screened for response deadlines. The integrity and security of this message cannot be guaranteed on the Internet.

Order Placement Form

2020 Chevrolet Tahoe PPV Police Interceptor.

\$ 33,900.00
2WD Pursuit Rated

\$ 36,900.00
4WD Special Service*

\$ 37,700.00
4WD Pursuit Rated

* 4WD Special Service Vehicle: Not pursuit rated (top speed 98 mph), higher ground clearance & all season tires

State Bid Base Equipment Includes:

Police Pursuit Rated. Center Console - Delete Headlamp & Taillamp Flasher Night Saver LED Dome Light Ignition Override Switch 100 Watt Siren Speaker Underbody Skid Plate Frame Mounted Recovery Hooks DRL On/Off Switch	5.3 V8 E85 Flex Fuel Engine 6-Speed Auto Transmission Transmission Oil Cooler Anti-Lock Frt & Rr Disc Brakes Locking Rear Differential 17" Painted Steel Wheels P265/70/R17 V Rated Tires Full Size Spare Tire Full Length Running Boards	HD Black Vinyl Floor Covering Cloth Front Bucket Power Seats Vinyl Rear 60/40 Bench Seat Bluetooth w/ Hands Free Controls Intermittent Rain Sensing Wipers Driver & Passenger Air Bags 170 Amp Alternator 720 CCA Primary Battery	Tinted Glass Air Conditioning Rear Heat & Air Rear Window Defogger Keyless Entry (2) Heated Power Mirrors Power Windows & Locks Tilt & Cruise Control 110 Power Outlets (5)
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For a limited time, Chevrolet Tahoe Police now includes following options at no extra charge!

LH Halogen Spotlight Auxiliary Battery 730 CCA Rear Vision Camera Rear Park Assist	Grille Light & Speaker Wiring (6J3) Trailer Hitch w/ 7 Wire Harness 5 USB Ports & 1 Auxiliary Jack Android & Apple CarPlay Capability	Horn & Siren Wiring (6J4) HD Engine Oil Cooler High Capacity HD Radiator Tire Pressure Monitors	Hill Start Assist. Stabilitrak Vehicles Keyed Alike In State Delivery
---	--	--	--

CONTRACT OPTIONS

LH LED Spotlight (upgrade)	\$ 390.00
Disable Rear Door Functions	\$ 130.00
Engine Block Heater	\$ 100.00
Carpet	\$ 190.00
Bucket Seats w/ Factory Console	\$ 250.00
Push Bumper	\$ 690.00
HD Rubber Floor Mats (4)	\$ 90.00

NON-CONTRACT OPTIONS

Extra Key	\$ 45.00
Additional Remote (Fob)	\$ 75.00
Remote Start	\$ 300.00
Cloth Second Row Seat (vinyl Std)	\$ N/C

Corner LED 4 (White, Blue or Red)	\$ 1178.00
Aluminum Wheels (Non Pursuit Only)	\$ 600.00
Splash Guards (Molded Front & Rear)	\$ 245.00
Body Side Moldings	\$ 250.00
Delete DRL & Automatic Headlamps	\$ 50.00
Power Adjustable Pedals	\$ 150.00
Enhanced Driver Alert Package #	\$ 695.00
Ground Studs Rear Auxiliary	\$ 95.00
Undercoating - Sound Shield	\$ 199.00
Delete Spotlight	\$ -100.00
Illinois Title & Municipal Police Plates	\$ 158.00

Enhanced Driver Alert Package contains: Power Adjustable Pedals, IntelliBeam Headlamps, Low Speed Forward Automatic Braking, Lane Keep Assist and Lane Departure Warning.

Exterior Colors: ___ Black ___ Silver ___ Dark Blue ___ Satin Steel Met
 (Interiors are Black) ___ White ___ Gray ___ Pepperdust ___ Victory Red (\$+ 495.00)

City, County or Village _____ Tax Exemption # E99

Address _____ City _____ State _____ Zip _____

Contact _____ Phone _____ Email _____

Total Price \$ _____ Quantity _____ Grand Total \$ _____

Tom Wene - Fleet Operations
 (217) 872-2070 Fax (217) 872-2069

Miles Chevrolet 150 W Pershing Road Decatur, IL 62526
 EMAIL twene@vtaig.com



**2018 Chevrolet Tahoe Police
Patrol Package**
Contract #147



Currie Motors Fleet

"Nice People to Do Business With"

Your Full-Line Municipal Dealer
www.CurrieFleet.com

ORDER CUTOFF: March 2018



Contract# 147



**Currie Motors Chevrolet
SPC Contract Winner
2018 Chevrolet Tahoe Police
Patrol Package
Contract #147
Call Tom Sullivan (708) 562-4500**

Standard Package: \$32,933.49

Warranty 3 Years 36,000 miles Bumper to Bumper/ 5 Years 60,000 Power train

NEW! Audio system, Chevrolet MyLink Radio with 8" diagonal color touch-screen, AM/FM stereo with seek-and-scan and digital clock, includes Bluetooth streaming audio for music and select phones; voice-activated technology for radio and phone; and Shop with the ability to browse, select and install apps to your vehicle. You can customize your content with audio, weather and more; featuring Apple CarPlay and Android Auto capability for compatible phone; 4 USB ports and 1 auxiliary jack

NEW! Driver Information Center, 4.2" diagonal multi-color

Automatic Occupant Sensing System, sensor indicator inflatable restraint, front passenger

Assist handles, front passenger and second row outboard

Climate control, dual-zone automatic

Defogger, rear-window electric

Door locks, power programmable with lockout protection. Auto Lockout is disabled on Driver door

Instrumentation, analog with certified 150 mph speedometer, odometer with trip odometer, engine hour meter, fuel level, voltmeter, engine temperature, oil pressure and tachometer

Key, 2-sided

LATCH system (Lower Anchors and Top tethers for Children), for child safety seats, lower anchors and top tethers located in all second row seating positions

Lighting, interior with dome light, cargo lights, door handle or Remote Keyless Entry-activated illuminated entry and map lights in front and second seat positions

Mirror, inside rearview manual day/night

OnStar, 6 months of Directions and Connections plan

1 Visit onstar.com for coverage map, details and system limitations. Services vary by model & conditions.

Power outlets, 3 auxiliary, 12-volt, includes 2 on the instrument panel and 1 in the cargo area

Power outlet, 110-volt, 1.1 Amp, 150 Watt

Rear Vision Camera

Safety belts, 3-point, driver and front passenger in all seating positions

Steering column, Tilt-Wheel

NEW! Steering wheel controls, mounted audio and cruise controls, includes Driver Information Center controls

Theft-deterrent system, content, electrical, unauthorized entry

Theft-deterrent system, vehicle, PASS-Key III

Tire Pressure Monitor System, air pressure sensors in each tire with pressure display in Driver Information Center

Warning tones, headlamp on, key-in-ignition, driver and right-front passenger safety belt unfasten and turn signal on

Windows, power, with express down and express up front doors and lockout features

Contract# 147



Daytime Running Lamps, with automatic exterior lamp control

Door handles, Black

Exterior ornamentation delete

Glass, deep-tinted (all windows, except light tinted glass on windshield and driver- and front passenger-side glass)

Liftgate, rear manual

Mirrors, outside heated power-adjustable, manual-folding

Mirror caps are Black

Tires, P265/60R17 all-season, police, V-rated

Tire, spare P265/60R17 all-season, police, V-rated

Tire carrier, lockable outside spare, winch-type mounted under frame at rear

Wheels, 17" x 8" (43.2 cm x 20.3 cm) steel, police

Wheel, 17" x 8" (43.2 cm x 20.3 cm) full-size, steel spare

Windshield, solar absorbing, shaded upper

Wiper, rear intermittent with washer

Wipers, front intermittent, Rainsense

Windshield style, acoustic laminated glass

Air cleaner, high capacity

Alternator, 170 amps, high output

Battery, 660 cold cranking amps with 80 amp hour rating

Power supply, 100-amp, auxiliary battery, rear electrical center

Power supply, 50-amp, power supply, auxiliary battery, passenger compartment wiring harness

Power supply, 120-amp, (4) 30-amp circuit, Primary battery, relay controlled, passenger compartment harness wiring

Cooling, auxiliary transmission oil cooler, heavy-duty air-to-oil

Cooling, external engine oil cooler, auxiliary, heavy-duty air-to-oil integral to driver side of radiator

Engine, 5.3L EcoTec3 V8, with Active Fuel Management, Direct Injection, Variable Valve Timing

and Flex Fuel, includes aluminum block construction

GVWR, 6800 lbs. (3084 kg)

Rear axle, 3.08 ratio

Steering, power, electric Z56

Suspension, heavy-duty, police-rated, front, independent torsion bar, and stabilizer bar and rear, multi-link with coil springs

Trailer equipment, heavy-duty

Transmission, 6-speed automatic, electronically controlled with overdrive and tow/haul mode

Air bags, frontal and side-impact for driver and front passenger and head curtain side-impact for all rows in outboard seating positions **Note:**

Head curtain side-impact included for third row seating positions, even though seat has been deleted.

Requires (AZ3) 40/20/40 split-bench front seat.

Always use safety belts and child restraints.

Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.

SiriusXM Satellite Radio, delete

Cruise control, electronic with set and resume speed

Floor covering, Black rubberized vinyl

Identifier for Police Patrol Vehicle

Remote Keyless Entry, extended-range

Seats, front 40/20/40 split-bench, 3-passenger,

Active Aero Shutters, front

Capless Fuel Fill



Model-Options

<input checked="" type="checkbox"/>	Police Patrol Vehicle 4-Wheel Drive-Pursuit Rated	3790.00
<input checked="" type="checkbox"/>	Special Service Package Vehicle 4-Wheel Drive-Non Pursuit Rated	3180.00

Options – Exterior

<input type="checkbox"/>	Non Tinted Solar Glass	-259.60
<input type="checkbox"/>	Recovery Hooks	105.60
<input type="checkbox"/>	Exterior body colored parts-Victory Red	176.00
<input type="checkbox"/>	Special Paint Solid	264.00
<input type="checkbox"/>	Polished Aluminum Wheels (SSV Only) Requires Max Trailer Tow Package	528.00
<input checked="" type="checkbox"/>	Front and rear splash guards	136.40
<input checked="" type="checkbox"/>	Body-side moldings	242.00
<input type="checkbox"/>		
<input type="checkbox"/>		

3180.

Options – Interior

<input type="checkbox"/>	Inoperative rear doors	52.00
<input type="checkbox"/>	Inoperative rear window switches	50.16
<input type="checkbox"/>	Red/White Auxiliary dome light	149.60
<input type="checkbox"/>	OnStar delete (Bluetooth delete included)	-74.80
<input type="checkbox"/>	Adjustable power pedals	132.00
<input type="checkbox"/>	Power Front passenger seat –Required with Front Bucket Seats	176.00
<input type="checkbox"/>	Carpeted floor covering	237.60
<input type="checkbox"/>	Cargo net (SSV Only)	52.80
<input type="checkbox"/>	Cargo shade	171.60
<input type="checkbox"/>	Rear cargo mat (Requires carpeting)	74.80
<input type="checkbox"/>	NEW! Enhanced Driver Alert Package, includes Power-adjustable pedals, Forward Collision Alert, IntelliBeam headlamps, Low Speed Forward Automatic Braking, Lane Keep Assist with Lane Departure Warning and Safety Alert Driver Seat	695.00

Options – Mechanical/Electrical

<input type="checkbox"/>	Auxiliary speaker wiring	52.80
<input type="checkbox"/>	Grill lamp/siren speaker wiring	80.96
<input type="checkbox"/>	Horn and siren circuit wiring	36.08
<input type="checkbox"/>	Flasher System	435.60
<input type="checkbox"/>	Daytime running light delete	8.80
<input type="checkbox"/>	Spot Light-left hand	431.20



<input type="checkbox"/>	Spot Light-dual	721.60
<input type="checkbox"/>	City Brake Package- PPV Only	N/C
<input type="checkbox"/>	Locking Differential	259.60
<input checked="" type="checkbox"/>	Block heater	66.00
<input type="checkbox"/>	Ground studs	77.44
<input type="checkbox"/>	Max Trailering Package (SSV Only)	572.00

Options – Additional

<input checked="" type="checkbox"/>	6- Additional keys –Requires Key Common Option	35.20
<input type="checkbox"/>	Key Common- 6E2	22.00
<input type="checkbox"/>	Key Common-6E8	22.00
<input checked="" type="checkbox"/>	Remote Keyless Entry -6 additional unprogrammed transmitters	66.00
<input type="checkbox"/>	Remote vehicle start	167.20
<input type="checkbox"/>	Delivery >50 Miles	145.00
<input type="checkbox"/>	Manufacturers Certificate of Origin	N/C
<input type="checkbox"/>	Municipal Plates M MP	145.00

Exterior Colors

<input checked="" type="checkbox"/>	Black	N/C
<input type="checkbox"/>	Havana Metallic	N/C
<input type="checkbox"/>	Summit White	N/C
<input type="checkbox"/>	Silver Ice Metallic	N/C
<input type="checkbox"/>	Blue Velvet Metallic	N/C
<input type="checkbox"/>	Pepper Dust Metallic	N/C
<input type="checkbox"/>	Tungsten Metallic	N/C
<input type="checkbox"/>	Siren Red Tint Coat	N/C
<input type="checkbox"/>	Satin Steel Metallic	154.00
<input checked="" type="checkbox"/>	Victory Red	264.00
<input type="checkbox"/>	MSP Blue	264.00

Interior

<input type="checkbox"/>	Jet Black 40/20/40 Bench	Standard
<input type="checkbox"/>	Jet Black Front Buckets (w/ console & frontal side impact airbags)	220.00
<input type="checkbox"/>	Front Center Seat Delete	N/C
<input type="checkbox"/>	Vinyl Rear Seat	N/C

Contract# 147

38150.69



Please enter the following:

Billing Information

Contact Name

Phone Number

Purchase Order Number

Total Dollar Amount

Total Number of Units

Delivery Address

Please submit P.O. & Tax Exempt Letter with Vehicle Order:

*Currie Motors
8401 Roosevelt Rd
Forest Park, IL 60130
PHONE: (708)562-4500
CurrieFleet@gmail.com
Contact Person: Tom Sullivan*

**Option Descriptions, Technical Information and Upfitter Diagrams are available at:
www.gmfleet.com**

Contract# 147



EVT Tech
 9910 W 190th Street, Suite E
 Mokena, IL 60448

Estimate

Date	Estimate #
8/17/2018	2417

Name / Address
Tinley Park Fire Department 17355 S. 68th Court Tinley Park, IL 60477

Ship To <i>(Barralier)</i>

Vehicle Type		Unit Number	Terms	
Tahoe			Net 30	
Qty	Item	Description	Rate	Total
1	ENFLBS1254	S/O nFORCE 54" Rooftop light bar. Dual color per module Red / Green with full white floodlighting in front and amber directional arrow in rear. See attached configuration	1,895.00	1,895.00
1	MDASHCPE	Nova MicroDash Pre-Emption Strobe ^^^ Light bar with green passenger side module and preemption emitter ^^^	195.95	195.95
1	ETSS100NBK7H	S/O 100N Speaker bracket. 2017-C Tahoe	49.95	49.95
1	ETSS100N	S/O 100N Series composite Speaker ^^^ Siren Speaker and Bracket ^^^	195.00	195.00
2	EMPS1QMSIW	S/O mPower 3' Fascia Light w/ Quick Mount. 18' hard wire w/ sync option. SAE Class I & CA Title 13. 9-32 Vdc. Black Housing. 4 LED. Solid Color - White ^^^ Front corners under headlights ^^^	89.95	179.90
1	EMPC2STS4	S/O mPower Fascia Light. Green / White. Stud Mount.	104.95	104.95
1	EMPS2STS4D	S/O mPower fascia light. Stud mount. Red / White	104.95	104.95
2	PMP2BKDGAI	mPOWER 4' Fascia Deck/Grille Adj Bracket Kit ^^^ Grill lights with steady burn white function for additional scene lighting ^^^	9.95	19.90
2	ENT2B3D	S/O Intersector Mirror Light . Dual Color - Red White ^^^ Under mirrors with steady burn white function for additional scene lighting ^^^	184.95	369.90
2	EMPS2STS4D	S/O mPower fascia light. Stud mount. Red / White	104.95	209.90
2	PMP2BKDGAI	mPOWER 4' Fascia Deck/Grille Adj Bracket Kit ^^^ 1/4 Windows ^^^	9.95	19.90
1	ENFTCDGS1208	S/O nForce interior light bar all red with amber directional ^^^ Rear Hatch mounted ^^^	795.00	795.00
2	ND0010-R	Nova Bullet 1 2' LED. Red	89.95	179.90
2	7027-D-350	350 mA Constant current LED driver ^^^ Tail lights ^^^	13.95	27.90
2	EMPS2QMS4D	S/O mPower 4' Fascia Light w/ Quick Mount Red/White	99.95	199.90

THANK-YOU for Considering EVT Tech for Your Emergency Equipment and Installation Needs! We Look Forward to Working With You and Your Department!

Total

Signature _____

Phone #	Fax #
708-479-6721	708-479-6746

Web Site
www.evt.tech



EVT Tech
 9910 W 190th Street, Suite E
 Mokena, IL 60448

Estimate

Date	Estimate #
8/17/2018	2417

Name / Address
Tinley Park Fire Department 17355 S. 68th Court Tinley Park, IL 60477

Ship To

Vehicle Type		Unit Number	Terms	
Tahoe			Net 30	
Qty	Item	Description	Rate	Total
		^^^ License plate mounted lights with steady burn white function for additional scene lighting ^^^		
1	ETSA481CSR	S/O 400-Series nFRGY Siren/Lighting Controller (Knob Console)	379.95	379.95
1	ENGCC01241	S/O bluePRINT central controller. 20 outputs	395.95	395.95
1	ENGNK01	S/O bluePRINT central control harness kit	39.95	39.95
1	ENGND04101	S/O bluePRINT remote node. 4 inputs. 10 outputs	199.95	199.95
1	ENGNK02	S/O bluePRINT remote node harness kit	34.95	34.95
		^^^ Siren and lighting controls ^^^		
1	C-VS-1013-TAH-1	Havis 2015-C Chevy Tahoe PPV Vehicle Specific 23' Console (Including Faceplates & Fill Plates)	399.95	399.95
1	C-CUP2-1	Havis Internal Console Cupholder	34.95	34.95
2	C-ARM-102	Havis side mount armrest	59.95	119.90
1	C-LP2-PS1-USB	Havis 2 Lighter Plug Outlet W/ 1 USB Cut Out	104.95	104.95
1	PKG-PSM-176	Havis 2015-2017 Chevrolet Tahoe Suburban & 2014-2017 Silverado 1500 & 2015-2017 Silverado 2500, 3500 Pickup & C3500HD Chassis Cab Standard Passenger Side Mount Package	314.95	314.95
		^^^ Console and accessories ^^^		
2	ROOF-FT-NITI-M	Sti-Co Flexi-Whip Roof Mount Antenna. BLK	54.95	109.90
2	MB8U25	25' Antenna Coax, 3/4' NMO Brass Mount - Black	34.95	69.90
2	RFU-600-1	Mini-UHF Connector	4.95	9.90
		^^^ Radio antennas ^^^		
1	091-55-15-120-BLK	Kussmaul Super Auto Eject 15A 120V, Black Cover	249.95	249.95
2	091-207-12	Kussmaul LCP 20 Battery Charger System (Compact Chassis). 20A/12VDC	524.95	1,049.90
		^^^ On board battery Chargers with aux power circuit ^^^		
1	Install Materials	Misc Installation Materials (Wire, In-Line Fuse Holders, Fuses, Connectors, Hole Plugs, ZipTies, Tape, Screws, Bolts, Etc)	150.00	150.00
1	LABOR	Install above listed equipment plus customer supplied VHF radios and computer docking station.	1,995.00	1,995.00

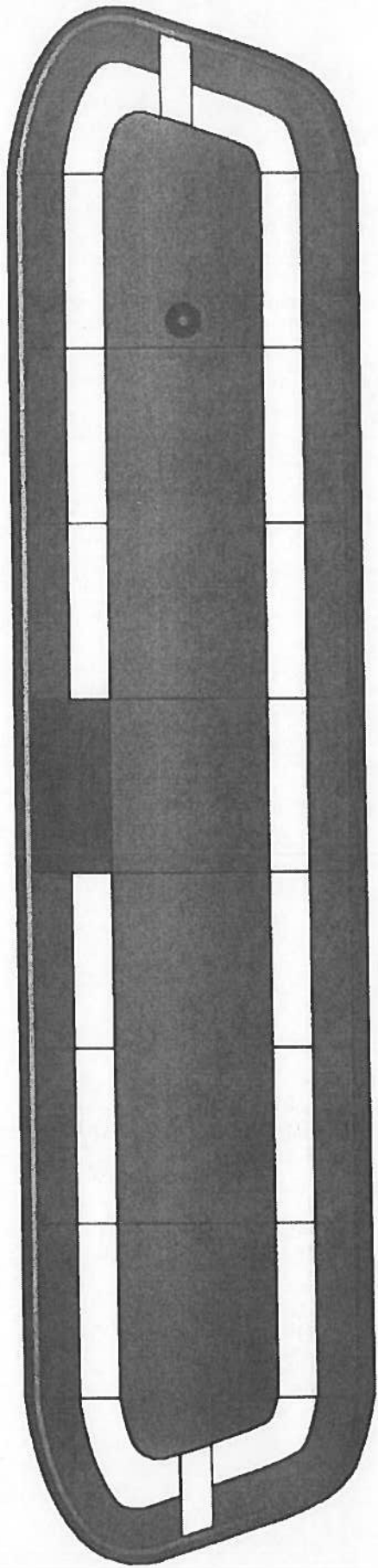
THANK-YOU for Considering EVT Tech for Your Emergency Equipment and Installation Needs! We Look Forward to Working With You and Your Department!

Total	\$10,208.00
--------------	--------------------

Signature _____

Phone #	Fax #
708-479-6721	708-479-6746

Web Site
www.evt.tech



Doug Erwin

From: Keith <keith@integritysigncompany.com>
Sent: Wednesday, August 01, 2018 7:54 AM
To: Doug Erwin
Subject: Re: Tinley Park Fire - Vehicle Graphics Quote
Attachments: TPF SUV.pdf; TPF PICKUP.pdf

Doug;
Total cost is : \$775.00 each .
Adder for reflective rear end is: \$445.00

Keith Hlad
Integrity Sign Company
18770 S. 88th. Ave.
Mokena, IL. 60448
(708) 478-2700 x213
(708) 478-5074 Fax

THIS IS OUR NEW ADDRESS !

From: [Doug Erwin](mailto:Doug.Erwin@tinleypark.org)
Sent: Saturday, July 28, 2018 1:38 PM
To: Keith (keith@integritysigncompany.com)
Subject: Tinley Park Fire - Vehicle Graphics Quote

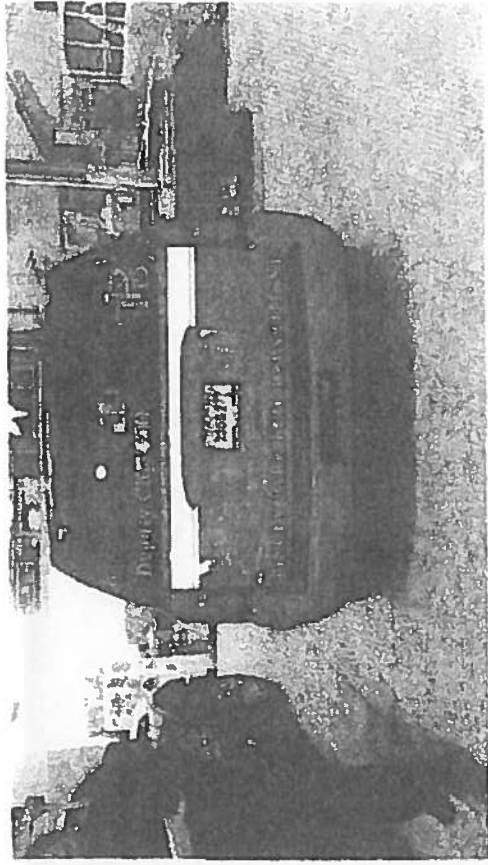
Greetings –

I would like a price quote to place graphics on a new 2018 / 2019 Tahoe and Silverado 2500 Pickup. The graphics scheme would follow the same standard as the last type vehicle.

Any questions please call.

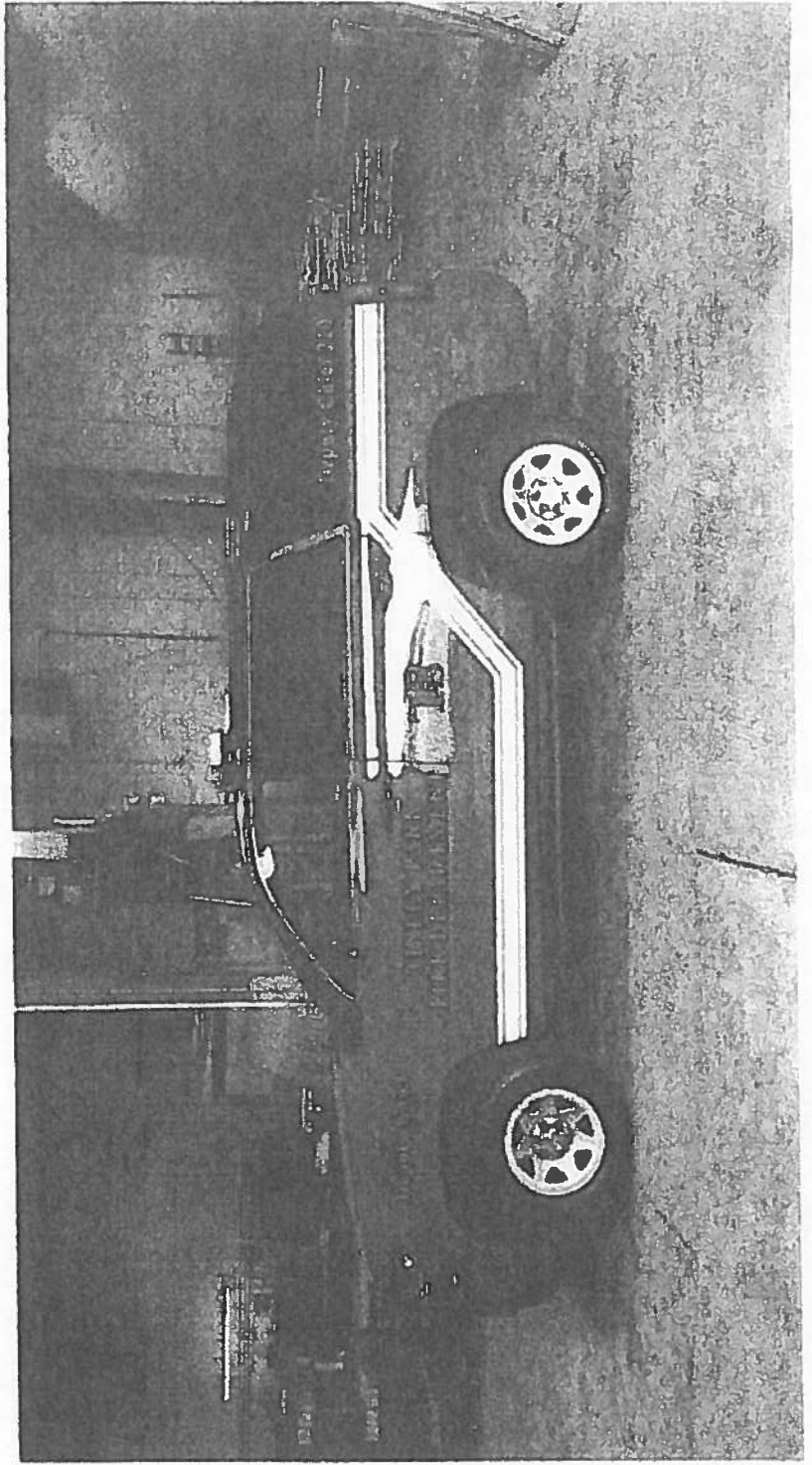
Douglas J. Erwin
Assistant Fire Chief
(708) 444-5253 | derwin@tinleypark.org





ROOF

210



Fleet Safety Supply

P.O. Box 649
Naperville, IL 60566
(630) 527-1341

Price Quote

DATE	ESTIMATE NO.
8/9/2018	51382

NAME / ADDRESS
Tinley Park Fire Department 17355 S. 68th Court Tinley Park, IL 60477

TERMS	FOB	P.O.
Net 30 Days	Naperville,IL	

ITEM	DESCRIPTION	QTY	COST	TOTAL
ROCK-CCF-1-CU ST... Shipping	2018 Tahoe, Open SCBA on the right side, Platform included Shipping estimate	1 1	3,649.65 210.00	3,649.65 210.00

Thank you for using Fleet Safety Supply!!!

TOTAL

\$3,859.65

ROCKLAND

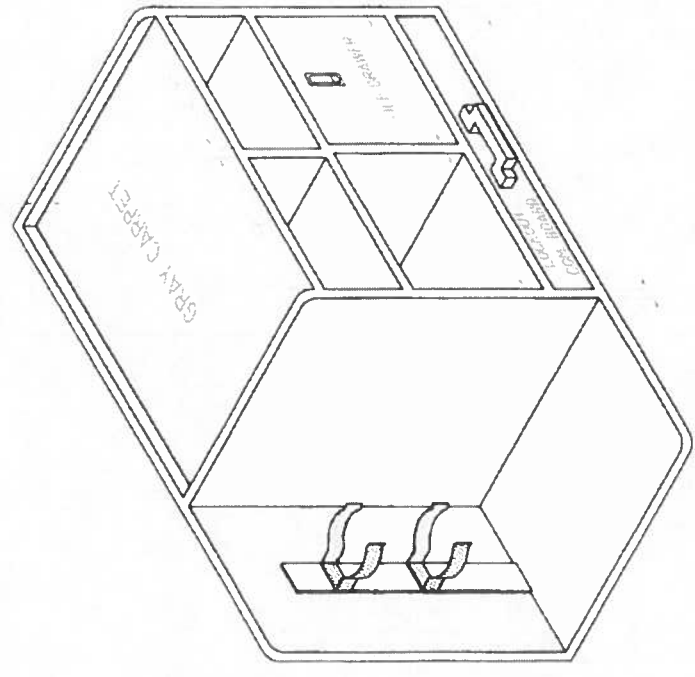
CUSTOM CABINETS

NIN



SCBA I

275+ 1000
3155 50000000



1000000000



1000000000

APPROVED

Onsite Communications USA, Inc.

8008 W. 171st Street
Tinley Park, IL 60477
Phone: (708) 429-0234 . Fax: (708) 429-9566

QUOTATION

July 30, 2018

Customer Information:

Tinley Park Fire Department . 17355 S 68th Court . Tinley Park, IL 60477
Attn: Doug Erwin . Phone: 708 444 5253 . Mobile 708 935 4979

www.on-site.com

<u>Quantity</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
4 5	Kenwood TK-7360HV Vhf Mobile Radio	\$ 410 00	\$ 2 050 00
	Mobile Radio Includes		
	- Standard Microphone (KMC-35)		
	- Mounting Bracket		
	- DC Cable (KCT-23M)		
	- Blade Fuse		
	- 136-174 Mhz, 50 Watts, 128 Channels, 128 Zones		
	- MDC1200 Encode & Decode Identifier		
	- Instruction Manual		
	- 2-Year Warranty On Radio Itself		
	- 1-Year Warranty On Microphone		
	- (Excluding Physical Damage)		
4 5	Str-co Vhf 1/4 Antenna Kit	\$ 75 00	\$ 375 00
1 2	Motorola # NNTN7624B Impres (APX) Vehicle Charger	\$ 385 00	\$ 770 00
1	Sierra Wireless Airlink GX450 # 1102360 Verizon, Wifi, GPS, LTE and DC Power Cable Included	\$ 780 00	\$ 780 00
1	Antenna Plus # APCCWGQS2222RP3BL AP-MIMO LTE/CELLULAR/PCS/WIFI	\$ 215 00	\$ 215 00

Total \$ 4,190.00

Notes:

Quote Good for 30 days!

Richard T. Maloney, Sales & Service Representative

rmaloney@onsite.com

Mobile 708 259 2958

1640

350

385

3320



EMA
(679)

**2019 FORD F-250
XL 4X2 PICK UP
Contract# 178**



Currie Motors Fleet

"Nice People to Do Business With"

Your Full-Line Municipal Dealer
Order Cut-Off:
08/02/19

Contract #178



Currie Motors Frankfort
SPC Contract Winner
2019 FORD F-250
XL 4x2 PICK UP

Standard Package: \$21,911.00

Warranty 3 Years 36,000 miles Bumper to Bumper/ 5 Years 60,000 Power train

6.2L 2 Valve Gasoline SOHC V-8
(Flex Fuel)
6-Speed Automatic w/ Select Shift
4-Wheel Disc Brakes
Front/Rear Black Painted Bumpers
Solar Tint Glass
Tailgate-Removable w/ Key Lock
3-Blink Lane Change Signal
Front Tow Hooks
Trailer Tow Package
Trailer Sway Control
17" Argent Steel Wheels
5 - LT245/75R17EBSW Tires
8' Bed Pickup Box Lamp
157 Amp Heavy Duty Alternator
650 CCA 72AH Battery

Oil minder System
Twin I-Beam Front Axle w. coil spring
suspension
H.D. Gas Shock Absorbers
Front Stabilizer Bar
Air Conditioner – Manual
Dome Lamp
AM/FM/Clock
Manual Door Locks & Windows
Intermittent Windshield Wiper
Advance Trac with Roll Stability Control
Driver and Passenger Front & Side
Airbag/Curtain
Passenger Side Deactivation Switch
Free delivery within 50 miles of dealership

Contract #178



Options – Body Style

<input checked="" type="checkbox"/>	Super Cab with 6 ¾' Bed	1849.00
<input type="checkbox"/>	Crew Cab with 6 ¾' Bed	3055.00
<input type="checkbox"/>	8' Bed on Super/Crew Cab	262.00
<input type="checkbox"/>	66D Pick Up Box Delete (Spare Tire Optional)	-575.00

Options – Powertrain

<input checked="" type="checkbox"/>	6.2L V8 with 6-speed Automatic	N/C
<input type="checkbox"/>	6.7L OHV Power Stroke Diesel	8391.00
<input checked="" type="checkbox"/>	4x4- Includes Electronic Shift on the Fly	2753.00
<input checked="" type="checkbox"/>	Limited Slip Axle	359.00
<input type="checkbox"/>	98F Gaseous Prep (does not include Conversion)	289.00
<input type="checkbox"/>	62R PTO Provision	257.00
<input type="checkbox"/>	21M Manual Locking Front Hubs-requires 4x4 Option	N/C
<input type="checkbox"/>	41H Engine Block Heater	92.00
<input type="checkbox"/>	Engine Idle Shut Down (N/A with reverse sensing) Duration Minutes	231.00
<input type="checkbox"/>	67B Dual Extra Duty Alternators (requires Diesel Motor)	105.00
<input type="checkbox"/>	67E Extra Heavy Duty Alternator	78.00
<input type="checkbox"/>	98R Operator Command Regeneration (requires Diesel Motor)	231.00
<input type="checkbox"/>	Powertrain Care 3 Year 100,000 Warranty 4x2 Gasoline Motor	935.00
<input type="checkbox"/>	Powertrain Care 3 Year 100,000 Warranty 4x4 Gasoline Motor with Snow Plow Prep	1945.00
<input type="checkbox"/>	6 Year /60,000 Premium Care Warranty 4x4 Gasoline Motor with Snow Plow Prep	2120.00
<input type="checkbox"/>	6 Year /100,000 Premium Care Warranty 4x4 Gasoline Motor with Snow Plow Prep	2965.00

Options – Wheels/Tires

<input type="checkbox"/>	TBK LT245/75Rx17E BSW A/S (4x2)	STD
<input type="checkbox"/>	TD8 LT245/75Rx17E BSW A/S Plus (4x4)	STD
<input type="checkbox"/>	TBM LT245/75Rx17E BSW A/T	152.00
<input type="checkbox"/>	TDX LT275/70Rx18E BSW A/T Plus (Requires 17S STX Appearance Pkg)	152.00
<input type="checkbox"/>	512 Full Size Spare with Box Delete Option	272.00
<input type="checkbox"/>	51X Spare Tire Delete for Pick Up	-73.00



Options - Functional

<input type="checkbox"/> 41P	Skid Plates-Not Available with 66D Box Delete	92.00
<input type="checkbox"/> 874	Ultimate Trailer Tow Camera System <ul style="list-style-type: none"> ▪ Rear View Camera ▪ Rear CHMSL Camera ▪ 360° Camera System ▪ Reverse Guidance Requires Power Equipment Group, XL Value Group, & SYNC 3	653.00
<input type="checkbox"/> 592	LED Roof Marker Lights	88.00
<input type="checkbox"/> 85G	Tailgate Step-N/A with 66D Box Delete	345.00
<input type="checkbox"/> 85S	Tough Bed Spray-In Liner- NA 66D Box Delete	496.00
<input type="checkbox"/> 43B	Rear Defroster (requires Privacy Glass and 90L Power Group)	56.00
<input type="checkbox"/> 924	Privacy Glass (requires 43B and 90L)	27.00
<input checked="" type="checkbox"/> 52B	Trailer Brake Controller	249.00

Options - Groups/Packages

<input type="checkbox"/> 96V	XL Value Package <ul style="list-style-type: none"> ▪ Cruise Control ▪ AM/FM/MP3/SYNC/Clock NA with 17S	920.00
<input type="checkbox"/> 17S	STX Appearance Package <ul style="list-style-type: none"> ▪ Bright Chrome Grille ▪ Chrome Front / Rear Bumpers ▪ STX Vent Badge ▪ 18" Sparkle Cast Aluminum Wheels (SRW Only) ▪ LT275/65Rx18E BSW Tires ▪ Speed Control 	1555.00
<input checked="" type="checkbox"/> 90L	Power Equipment Group <ul style="list-style-type: none"> ▪ Heated power mirrors with integrated clearance lamps/turn signals ▪ Perimeter Alarm ▪ Accessory Delay ▪ Power Windows/Locks/Tailgate Lock ▪ Remote Keyless ▪ Upgraded door trim 	<input type="checkbox"/> Regular Cab: 841.00 <input checked="" type="checkbox"/> Crew/Super: 1035.00
<input type="checkbox"/> 17X	Fx4 Off Road Package <ul style="list-style-type: none"> ▪ Hill Descent Control ▪ Rancho Branded Shocks ▪ Transfer Case & Fuel Tank Skid Plates N/A with Pickup Box Delete	368.00



	Requires 4x4, All Terrain Tires and Locking Differential	
<input checked="" type="checkbox"/> 473	Snow Plow Prep Package (Requires 4x4) <ul style="list-style-type: none"> ▪ Upgraded Front Springs ▪ Extra Heavy-Duty Alternator 	171.00
<input type="checkbox"/> 47B	Snow Plow/Camper Package <ul style="list-style-type: none"> ▪ Upgraded front springs for snow plow ▪ Extra Heavy Duty Alternator ▪ Rear Auxiliary Springs ▪ Rear Stabilizer Bar (SRW Only) ▪ Slide-In Camper Certification 	225.00
<input type="checkbox"/> 535	F250 Trailer Tow Package – High Capacity (Requires Diesel Motor) <ul style="list-style-type: none"> ▪ Increased GCW to 25700 LBS ▪ Max Front Springs 	1039.00
<input type="checkbox"/> 67H	Heavy Service Front Suspension – Heavy Service Front Springs	115.00

Options – Interior

<input type="checkbox"/> 43C	110V/400W Outlet	69.00
<input type="checkbox"/>	XLT Package – Regular Cab \$3982.00/Super cab/Crew \$4294.00	
<input type="checkbox"/> 41A	Rapid Heat Supplemental Cab Heater (requires Diesel Motor)	231.00
<input type="checkbox"/> 18A	Up fitter Interface Module for PTO Programming	272.00
<input type="checkbox"/> 87S	Ford Pass Connect Wi-Fi® hotspot connects up to 10 devices1 – Remotely start, lock and unlock vehicle2 – Schedule specific times to remotely start vehicle2 – Locate parked vehicle2 – Check vehicle status2 reqs. SYNC® 3 (913)	207.00
<input type="checkbox"/> 76Z	Advanced Security Pack <ul style="list-style-type: none"> ▪ Securilock ▪ Passive Anti-Theft ▪ Inclination/Intrusion Sensors Requires 90L Power Equipment Group	56.00
<input checked="" type="checkbox"/> 66S	Upfitter Switches	152.00
<input type="checkbox"/> 76S	Remote Start (Requires Power Equipment Group)	231.00
<input type="checkbox"/> 913	SYNC3 (Requires Ultimate Tow Camera)	415.00
<input type="checkbox"/>	Carhart Seat Covers Front Seats-Loose Ship	198.00

Options – Exterior

<input type="checkbox"/> 60B	BLIS® (Blind Spot Information System) with Cross-traffic Alert and Trailer Tow (BLIS® sensor in tail lamp) (Reqs. Power	496.00
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Contract #178

SPC
SUBURBAN PURCHASING
COOPERATIVE

	Equipment Group (90L) on XL; N/A with Pickup Box Delete (66D)	
<input type="checkbox"/> 873	Rear CHMSL Camera-Displays in Center Stack (Requires XL Value Package or 585 AM-FM CD Radio)	184.00
<input type="checkbox"/> 872	Camera Prep Package for Box Delete	381.00
<input type="checkbox"/> 66B	Box Link – 4 Premium Locking Cleats N/A with Box Delete	69.00
<input type="checkbox"/> 76R	Reverse Sensing System-NA with 66D Box Delete	225.00
<input type="checkbox"/> 53W	5 th Wheel Gooseneck Prep	460.00
<input checked="" type="checkbox"/> 18B	Platform Running Boards	<input type="checkbox"/> Regular Cab 295.00 <input checked="" type="checkbox"/> Super / Crew cab 409.00
<input type="checkbox"/> 66L	LED Box Lighting-NA with 873 CHMSL Rear Camera	56.00

Options – Fleet

<input type="checkbox"/> 39S	Sirius XM Radio-requires 585 Radio or SYNC 3	415.00
<input type="checkbox"/> 17F	XL Décor Group-Includes Chrome Front/Rear Bumpers	203.00
<input type="checkbox"/> 525	Cruise Control	216.00
<input type="checkbox"/> 942	Daytime Running Lights	41.00
<input type="checkbox"/> 556	Driver Passenger Side Airbags/Curtain Delete N/A 10,000 LBS or Less GVWR-NA with 557	-180.00
<input type="checkbox"/> 557	Front Passenger & Side Airbags/Curtains delete N/A 10,000 LBS or Less GVWR –NA with 556	-180.00
<input type="checkbox"/> 585	AM/FM/SYNC	507.00
<input type="checkbox"/> 87T	Ford Telematics	736.00

Options – Accessories

<input type="checkbox"/> 52R	Stow / Load Ramps-NA with 66D Box Delete	640.00
<input type="checkbox"/>	Weather Tech Front Row Liners	150.00
<input type="checkbox"/> 91S	LED Warning Strobes-NA with LED Box Light	621.00
<input checked="" type="checkbox"/> 85L	Drop-In Bed Liner-NA with 66D Box Delete	323.00
<input type="checkbox"/> 61M	Wheel Well Liner-NA with 66D Box Delete	165.00
<input type="checkbox"/> 85M	Bed Mat-NA with 66D Box Delete	139.00
<input checked="" type="checkbox"/> 61S	Front/Rear Splash Guards-NA with 66D Box Delete	139.00
<input type="checkbox"/> 76C	Back Up Alarm	128.00
<input type="checkbox"/>	Rustproofing –Does Not Include Sound Shield	295.00
<input type="checkbox"/>	4 Corner Strobes (Requires Upfitter Switches)	895.00
<input type="checkbox"/>	8' Steel Service Body – White Finish	6133.00
<input type="checkbox"/>	7'6" Western Snow Plow	5191.00
<input checked="" type="checkbox"/>	8' Western Snow Plow	5277.00
<input type="checkbox"/>	8'-6" Western Snow Plow	5366.00
<input type="checkbox"/>	7'6" Boss Snow Plow	5191.00

Contract #178



<input type="checkbox"/>	8' Boss Snow Plow	5277.00
<input type="checkbox"/>	8'-6" Boss Snow Plow	5366.00
<input type="checkbox"/>	Hand Held Controller (Requires Plow)	90.00
<input type="checkbox"/>	Snow Deflector (Requires Plow)	276.00
<input type="checkbox"/>	Detailed CD Rom Shop Manual	295.00
<input type="checkbox"/>	Delivery Charge Over 50 Miles	175.00
<input checked="" type="checkbox"/>	License & Title – M Plates (Shipped)	203.00

Exterior

<input type="checkbox"/>	AT-Yellow	608.00
<input type="checkbox"/>	BY-School Bus Yellow	608.00
<input type="checkbox"/>	D1-Stone Gray	N/C
<input type="checkbox"/>	E4-Vermillion	608.00
<input type="checkbox"/>	GR-Green	608.00
<input type="checkbox"/>	J7-Magnetic	N/C
<input type="checkbox"/>	PG&E Blue	608.00
<input type="checkbox"/>	MB-Orange	608.00
<input type="checkbox"/>	N1-Blue Jeans Metallic	N/C
<input type="checkbox"/>	PQ-Race Red	N/C
<input type="checkbox"/>	UM-Agate Black	N/C
<input type="checkbox"/>	UX-Ingot Silver	N/C
<input type="checkbox"/>	W6-Green Gem	608.00
<input checked="" type="checkbox"/>	Z1-Oxford White	N/C

Interior

<input checked="" type="checkbox"/>	Steel 40/20/40 Vinyl	STD
<input type="checkbox"/>	Steel 40/20/40 Cloth	92.00
<input type="checkbox"/>	Steel 40/Console/40 Vinyl- No Armrest Included (Regular Cab Only)	327.00
<input type="checkbox"/>	Steel 40/Console/40 Cloth- No Armrest Included	473.00



Title Name Village Of Tinley Park

Title Address _____

Title City _____

Title Zip Code _____

Contact Name _____

Phone Number _____

Purchase Order Number _____

Fleet Identification Number _____

Tax Exempt Number _____

Total Dollar Amount 34830.00

Total Number of Units 1

Delivery Address _____

***Orders Require Signed Original Purchase Order and Tax Exempt Letter Submitted to:**

*Currie Motors Fleet
10125W Laraway
Frankfort, IL 60423
PHONE: (815)464-9200
Tom Sullivan Curriefleet@gmail.com
Kristen De La Riva Fleetcurrie@gmail.com*

**Fleet Status is accessible by registering at www.fleet.ford.com. Please provide FIN Code at time of order to track your order times.*

**Title Corrections will be Billed Appropriate Assessed Fees by the Sec. of State*

Contract #178



Interoffice Memo

Date: September 6, 2019

To: Public Works Committee

From: David Niemeyer, Village Manager

cc: Village Board
Pat Carr, Assistant Village Manager
Kevin Workowski, Public Works Director
John Urbanski, Assistant Public Works Director
Patrick Connelly, Village Attorney

Subject: Fire Administration Vehicles

Trustee Glotz has requested a discussion at the Public Works Committee meeting, scheduled for Tuesday, September 10, 2019, regarding replacement of Fire Administration Vehicles.



Interoffice Memo

Date: September 5, 2019

To: David Niemeyer – Village Manager
Brad Bettenhausen – Village Treasurer
Kevin Workowski, Public Works Director

From: Colby Zemaitis, PE, CFM – Village Engineer

Subject: FEMA National Flood Insurance Program Floodplain Ordinance

Prepared for September 10, 2019 Public Works Committee Meeting and September 17, 2019 Village Board Meeting for consideration and possible action:

Description: As mentioned at our December, 2018 Public Works Committee we expected to see an updated ordinance to bring before the Village Board for adoption prior to the February deadline. It has been revised in accordance with the NFIP guidelines and reviewed by the Village attorney.

As stated previously, the Village is a part of the National Flood Insurance Program (NFIP) which is a voluntary program between the Federal government and the Village. Due to the Village's adoption and enforcement of the Floodplain Management Ordinance, Federally-backed flood insurance is made available to property owners throughout the community.

FEMA Floodplain maps are used for regulatory and flood insurance purposes, as well as identifying sensitive riparian corridors. FEMA recently updated these maps. These improvements were funded by Congress and were made fully digital nationwide.

The Illinois Department of Natural Resources Office of Water Resources and the Illinois State Water Survey worked together to prepare the floodplain maps and Flood Insurance Study for Will County since 2005. Since 2009, these maps were being reviewed by communities, studied and updated. The Village recently adopted an ordinance adopting the provisions for the Will County Storm Water Ordinance. We now need to adopt the Floodplain Ordinance for the Village and other communities within Northeastern Illinois. This ordinance is attached.

Staff Direction Request:

1. Approve the Floodplain Ordinance and recommend it be brought to the Village Board for approval.
2. Direct Staff as necessary.

Attachments

1. Floodplain Ordinance for Village of Tinley Park and Other Communities in NE Illinois.

**FLOODPLAIN ORDINANCE FOR VILLAGE OF TINLEY PARK
AND OTHER COMMUNITIES WITHIN NORTHEASTERN ILLINOIS**

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Be it ordained by the Village Board of Trustees of the Village of Tinley Park, Illinois as follows:

1. PURPOSE:

This Ordinance is enacted pursuant to the police powers granted to this Village by 65 ILCS 5/1-2-1, 5/11-12-12, 5/11-30-2, 5/11-30-8, and 5/11-31-2. The purpose of this Ordinance is to maintain this Village's eligibility in the National Flood Insurance Program; to minimize potential losses due to periodic flooding including loss of life, loss of property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base, all of which adversely affect the public health, safety and general welfare; and to preserve and enhance the quality of surface waters, conserve economic and natural values and provide for the wise utilization of water and related land resources. This Ordinance is adopted in order to accomplish the following specific purposes:

- A. To meet the requirements of 615 ILCS 5/18(g) Rivers, Lakes and Streams Act;
- B. To assure that new development does not increase the flood or drainage hazards to others, or creating unstable conditions susceptible to erosion;
- C. To protect new buildings and major improvements to buildings from flood damage;
- D. To protect human life and health from the hazards of flooding;
- E. To lessen the burden on the taxpayer for flood control projects, repairs to flood-damaged public facilities and utilities, and flood rescue and relief operations; and
- F. To make federally subsidized Flood insurance available for property in the Village by fulfilling the requirements of the National Flood Insurance Program;
- G. To comply with the rules and regulations of the National Flood Insurance Program codified as 44 CFR 59-79, as amended;
- H. To protect, conserve, and promote the orderly development of land and water resources; and
- I. To preserve the natural characteristics and functions of watercourses and Floodplains in order to moderate flood and storm water impacts, improve water quality, reduce soil erosion, protect aquatic and riparian habitat, provide recreational opportunities, provide aesthetic benefits and enhance community and economic development.

2. DEFINITIONS:

For the purposes of this Ordinance, the following definitions are adopted:

- A. **Accessory Structure** - A non-habitable Building which is on the same parcel of property as the principal Building to be insured and the use of which is incidental to the use of the principal Building.
- B. **Act** - An act in relation to the regulation of the rivers, lakes and streams of the State of Illinois, 615 ILCS 5/5 et seq.

- C. **Applicant** - Any person, firm, corporation or agency that applies for a Floodplain Development permit.
- D. **Appropriate Uses** - Only uses of the Designated Floodway that are permissible and will be considered for permit issuance. The only uses that will be allowed are as specified in Section 7.2.
- E. **ASCE** - American Society of Civil Engineers.
- F. **Base Flood** - The Flood having a one-percent (1%) chance of being equaled or exceeded in any given year. The Base Flood is often referred to as the 100-year flood.
- G. **Base Flood Elevation (BFE)** - The height in relation to the North American Vertical Datum (NAVD) of 1988 (or other datum, where specified) of the crest of the Base Flood. Application of the BFE at any location is as defined in Section 5 of this Ordinance.
- H. **Basement** - Any area of the building, including any sunken room or sunken portion of a room, having its floor below ground level (subgrade) on all sides.
- I. **Building** - A walled and roofed Building, including gas or liquid storage tank, which is principally above ground, including Manufactured Homes, Mobile Homes and prefabricated buildings. The term also includes Recreational Vehicles and travel trailers installed on a site for more than 180 days in any calendar year.
- J. **Channel** - Any river, stream, creek, brook, branch, natural or artificial depression, ponded area, flowage, slough, ditch, conduit, culvert, gully, ravine, wash, or natural or man-made drainageway, which has a definite bed and banks or shoreline, in or into which surface or groundwater flows, either perennially or intermittently.
- K. **Channel Modification** - Alteration of a Channel by changing the physical dimensions or materials of its bed or banks. Channel Modification includes damming, rip-rapping (or other armoring), widening, deepening, straightening, relocating, lining and significant removal of native vegetation from the bottom or banks. Channel Modification does not include the clearing of dead or dying vegetation, debris, or trash from the Channel. Channelization is a severe form of Channel Modification involving a significant change in the Channel cross-section and typically involving relocation of the existing Channel (e.g. straightening).
- L. **Compensatory Storage** - An artificially excavated, hydraulically equivalent volume of storage within the Floodplain used to balance the loss of natural Flood storage capacity when artificial fill or Structures are placed within the Floodplain. The uncompensated loss of natural Floodplain storage can increase off-site floodwater elevations and flows.
- M. **Conditional Approval of a Designated Floodway Map Change** - Preconstruction approval by IDNR/OWR and FEMA of a proposed change to the Floodway map. This preconstruction approval, pursuant to 17 Ill. Adm. Code Part 3708, gives assurances to the property owner that once an Appropriate Use is constructed according to permitted plans, the Floodway map can be changed, as previously agreed, upon review and acceptance of as-built plans.
- N. **Conditional Letter of Map Revision (CLOMR)** - A letter providing FEMA's comment on a proposed project that would, upon construction, affect the hydrologic or hydraulic characteristics of a flooding source and thus result in the modification of the existing Floodway, the effective BFEs, or the SFHA.

- O. **Critical Facility** - Any facility which is critical to the health and welfare of the population and, if flooded, would create an added dimension to the disaster. Damage to these Critical Facilities can impact the delivery of vital services, can cause greater damage to other sectors of the community, or can put special populations at risk.
- P. **Dam** - All obstructions, wall embankments or barriers, together with their abutments and appurtenant works, if any, constructed for the purpose of storing or diverting water or creating a pool. Dams may also include weirs, restrictive culverts or impoundment Structures. Underground water storage tanks are not included.
- Q. **Delegated Community** - A community delegated state permitting authority for construction in the Floodway under 17 Ill. Adm. Part 3708 by IDNR/OWR. Delegation issued to Tinley Park on September 23, 1993.
- R. **Designated Floodway** - The channel, including on-stream lakes, and that portion of the Floodplain adjacent to a stream or watercourse, generally depicted on the FEMA FIRM map, which is needed to store and convey the existing Base Flood discharge with no more than a 0.1 foot increase in stage due to the loss of Flood conveyance or storage, and no more than a 10 percent increase in velocities.
- The Floodways are designated for on the countywide FIRM of Cook County prepared by FEMA as shown in Appendix A and Will County prepared by FEMA and dated February 15, 2019. When two Floodway maps exist for a waterway, the more recent effective Floodway limit shall prevail.
 - The Floodways for those parts of unincorporated Cook County and Will County that are within the extraterritorial jurisdiction of the Village that may be annexed into the Village are designated on the countywide FIRM of Cook County prepared by FEMA as shown in Appendix A and Will County prepared by FEMA and dated February 15, 2019.
 - To locate the Designated Floodway boundary on any site, the Designated Floodway boundary should be scaled off the FIRM map and located on a site plan, using reference marks common to both maps. Where interpretation is needed to determine the exact location of the Designated Floodway boundary, IDNR/OWR should be contacted for the interpretation.
- S. **Development** - Any man-made change to real estate, including:
- Construction, reconstruction, repair, or placement of a Building or any addition to a Building;
 - Substantial Improvement of an existing Building;
 - Installing a Manufactured Home on a site, preparing a site for a Manufactured Home, or installing a travel trailer or Recreational Vehicle on a site for more than 180 consecutive days. If a travel trailer or Recreational Vehicle is on site for more than 180 consecutive days, it must be fully licensed and ready for highway use;
 - Installing utilities, construction of roads, bridges, or similar projects;
 - Demolition of a Building, re-development of a site, clearing of land as an adjunct of construction;

- Construction or erection of levees, walls, fences, Dams, culverts, or Channel Modification;
- Filling, dredging, grading, excavating, paving, drilling, mining or other non-agricultural alterations of the ground surface;
- Storage of materials including the placement of gas and liquid storage tanks, and any other activity that might change the direction, height, or velocity of Flood or surface waters;
- Any other activity of man that might change the direction, height, or velocity of Flood or surface water, including extensive vegetation removal;

Development does not include such activities as re-surfacing of pavement when there is no increase in elevation, or gardening, plowing, and similar agricultural practices that do not involve filling, grading, or construction of levees.

- T. **Elevation Certificates** - A form published by FEMA that is used to certify the elevation to which a Building has been elevated.
- U. **Existing Manufactured Home Park or Subdivision** - A Manufactured Home park or subdivision for which the construction of facilities for servicing the lots on which the Manufactured Homes are to be affixed or Buildings to be constructed (including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of the Village initial Floodplain management regulations.
- V. **Expansion to an Existing Manufactured Home Park or Subdivision** - The preparation of additional sites by the construction of facilities for servicing the lots on which the Manufactured Homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).
- W. **FEMA** - Federal Emergency Management Agency and its regulations at 44 CFR 59-79, as amended.
- X. **Flood** - A general and temporary condition of partial or complete inundation of normally dry land areas from overflow of inland or tidal waters, or from the unusual and rapid accumulation or runoff of surface waters from any source. Flood also includes the collapse or subsidence of land along the shore of a lake or other body of water as a result of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical levels or suddenly caused by an unusually high water level in a natural body of water, accompanied by a severe storm, or by an unanticipated force of nature, such as flash Flood or an abnormal tidal surge, or by some similarly unusual and unforeseeable event which results in a general and temporary condition of partial or complete inundation of normally dry land areas from the overflow of inland or tidal waters.
- Y. **Flood Frequency** - A period of years, based on a statistical analysis, during which a Flood of a stated magnitude may be expected to be equaled or exceeded.
- Z. **Flood Fringe** - That portion of the Floodplain outside of the Designated Floodway.
- AA. **Flood Insurance Rate Map (FIRM)** - A map prepared by FEMA that depicts the Floodplain or Special Flood Hazard Area within a community. This map includes insurance rate zones and Floodplains and may or may not depict Floodways and show BFE.

- BB. **Flood Insurance Study** - An examination, evaluation and determination of Flood hazards and if appropriate, corresponding water surface elevations.
- CC. **Floodplain (or Special Flood Hazard Area (SFHA))** - For purpose of this Ordinance, these two terms are synonymous. Means any land area susceptible to being inundated by water from any source. Floodplain also includes those areas of known flooding as identified by the community.
- The Floodplains are those lands within the jurisdiction of the Village that are subject to inundation by the Base Flood. The Floodplains of the Village are generally identified as such on panel number(s) listed in Appendix A of the countywide FIRM for Cook County and of the countywide FIRM for Will County as prepared by the FEMA and dated February 15, 2019.
 - The Floodplains of those parts of unincorporated Cook County and Will County that are within the extraterritorial jurisdiction of the Village or that may be annexed into the Village and that are subject to inundation by the Base Flood. The Floodplains are generally identified as such on panel numbers(s) listed in Appendix A of the countywide FIRM for Cook County and of the countywide FIRM for Will County the FEMA and dated February 15, 2019.
- DD. **Flood proofing** - Any combination of structural and non-structural additions, changes or adjustments to Buildings that reduce or eliminate Flood damage to real estate or improved real property, water and sanitary facilities, Buildings and their contents.
- EE. **Flood proofing Certificate** - A form published by FEMA that is used to certify that a Building has been designed and constructed to be structurally dry floodproofed to the Flood Protection Elevation.
- FF. **Flood Protection Elevation (FPE)** - The elevation of the Base Flood plus one foot of Freeboard at any given location in the Floodplain.
- GG. **Floodway** - See 3 Designated Floodway.
- HH. **Freeboard** - An increment of elevation added to the BFE to provide a factor of safety for uncertainties in calculations, future watershed Development, unknown localized conditions, wave actions and unpredictable effects such as those caused by ice or debris jams.
- II. **Historic Structure** - Any Building that is:
- Listed individually in the National Register of Historic Places or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;
 - Certified or preliminarily determined by the Secretary of the Interior as contributing to the historic district or a district preliminarily determined by the Secretary of the Interior to qualify as a registered historic district;
 - Individually listed on the State inventory of historic places by the Illinois Historic Preservation Agency;
 - Individually listed on a local inventory of historic places that has been certified by the Illinois Historic Preservation Agency.

- JJ. **IDNR/OWR** - Illinois Department of Natural Resources, Office of Water Resources.
- KK. **Letter of Map Amendment (LOMA)** - Official determination by FEMA that a specific Building, area of land or a parcel of land, where there has not been any alteration of the topography since the date of the first NFIP map showing the property within the Floodplain, was inadvertently included within the Floodplain and that the Building, area of land or a parcel of land is removed from the Floodplain.
- LL. **Letter of Map Revision (LOMR)** - Letter that revises BFEs, Floodplains or Floodways as shown on an effective FIRM.
- MM. **Lowest Floor** - The lowest floor of the lowest enclosed area (including Basement). An unfinished or Flood resistant enclosure usable solely for parking of vehicles, building access or storage, in an area other than a Basement area is not considered a buildings lowest floor; provided that such enclosure is not built so as to render the Building in violation of the applicable non-elevation design requirements of this Ordinance.
- NN. **Manufactured Home** - A Building, transportable in one or more sections, which is built on a permanent chassis and is designated for use with or without a permanent foundation when attached to the required utilities. The term Manufactured Home does not include a Recreational Vehicle.
- OO. **Manufactured Home Park or Subdivision** - A parcel (or contiguous parcels) of land divided into two or more Manufactured Home lots for rent or sale.
- PP. **New Construction** - New Construction means Buildings for which the Start of Construction commenced on or after the effective date of a Floodplain management regulation adopted by a community and includes any subsequent improvements to such Buildings.
- QQ. **New Manufactured Home Park or Subdivision Manufactured Home** - park or subdivision for which the construction of facilities for servicing the lots on which the Manufactured Homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after the effective date of the Village's initial Floodplain management regulations.
- RR. **NAVD 88** - North American Vertical Datum of 1988. NAVD 88 supersedes the National Geodetic Vertical Datum of 1929 (NGVD).
- SS. **Public Body of Water** - All open public streams and lakes capable of being navigated by watercraft, in whole or in part, for commercial uses and purposes, and all lakes, rivers, and streams which in their natural condition were capable of being improved and made navigable, or that are connected with or discharge their waters into navigable lakes or rivers within, or upon the borders of the State of Illinois, together with all bayous, sloughs, backwaters, and submerged lands that are open to the main Channel or body of water directly accessible thereto, as identified in 17 Ill. Adm. Code Part 3704.
- TT. **Recreational Vehicle or Travel Trailer**- A vehicle which is:
- Built on a single chassis;
 - Four hundred square feet (400 square feet) or less when measured at the largest horizontal projection, to include expandable room sections regardless of height;

- Designed to be self-propelled or permanently towable by a light duty truck; and
- Designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

UU. **Regional Permits** - Regional Permits are offered for pre-approved projects which are considered minor projects that are permissible per IDNR/OWR Part 3708 rules for Northeastern Illinois Designated Floodways. A complete listing of the terms and conditions for specific project types can be obtained from the IDNR/OWR website.

VV. **Registered Land Surveyor** - A land surveyor registered in the State of Illinois, under The Illinois Land Surveyors Act. (225 ILCS 330/1, et seq.)

WW. **Registered or Licensed Professional Engineer (P.E.)** - An engineer registered in the State of Illinois, under The Illinois Professional Engineering Practice Act. (225 ILCS 325/1 et seq.)

XX. **Repetitive Loss - Flood**-related damages sustained by a Building on two separate occasions during a 10-year period for which the cost of repairs at the time of each such Flood event, on the average, equals or exceeds 25 percent of the market value of the Building before the damaged occurred.

YY. **Retention/Detention Facility** - A retention facility stores stormwater runoff without a gravity release. A detention facility provides for storage of stormwater runoff and controlled release of this runoff during and after a Flood or storm.

ZZ. **Riverine Floodplain** - Any Floodplain or SFHA subject to flooding from a river, creek, intermittent stream, ditch, on-stream lake system or any other identified Channel. This term does not include areas subject to flooding from lakes, ponding areas, areas of sheet flow, or other areas not subject to overbank flooding.

AAA. **Special Flood Hazard Area (SFHA)** - See Section 3 Floodplain.

BBB. **Start of Construction** - Includes Substantial Improvement and means the date the Building permit was issued, provided the actual Start of Construction, repair, reconstruction, rehabilitation, addition placement or other improvement, was within 180 days of the permit date. The actual start means either the first placement of permanent construction of a Building on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns or any work beyond the stage of excavation or the placement of a Manufactured Home on a foundation. For a Substantial Improvement, actual Start of Construction means the first alteration of any wall, ceiling, floor or other structural part of a Building whether or not that alteration affects the external dimensions of the Building.

CCC. **Statewide Permits** - Statewide permits are offered for pre-approved projects that are considered minor projects which are permissible per the IDNR/OWR Part 3700 rules. A complete listing of the statewide permits and permit requirements can be obtained from the IDNR/OWR website.

DDD. **Structure** - The results of a man-made change to the land constructed on or below the ground, including a Building, as defined in Section 2, any addition to a Building; installing utilities, construction of roads or similar projects; construction or erection of levees, walls, fences, bridges or culverts; drilling, mining, filling, dredging, grading, excavating; and the storage of materials.

EEE. **Substantial Damage** - Damage of any origin sustained by a Building whereby the cumulative percentage of damage during a 10-year period equals or exceeds 50 percent of the market value of the Building before the damage occurred regardless of actual repair work performed. Volunteer labor and materials must be included in this determination. The term includes Repetitive Loss Buildings. (See Section 3 Repetitive Loss).

FFF. **Substantial Improvement** - Any reconstruction, rehabilitation, addition, or improvement of a Building taking place during a 10-year period subsequent to the adoption of this Ordinance in which the cumulative percentage of improvements equals or exceeds 50 percent of the market value of the Building before the Start of Construction of the improvement or repair is started, or increases the floor area by more than twenty percent (20%).

- Substantial Improvement is considered to occur when the first alteration of any wall, ceiling, floor, or other structural part of the Building commences, whether or not that alteration affects the external dimensions of the Building. This term includes Buildings which have incurred Repetitive Loss or Substantial Damage, regardless of the actual work done.

The term does not, however, include either:

- Any project for improvement of a Building to comply with existing state or local health, sanitary, or safety code specifications which are solely necessary to assure safe living conditions, or
- Any alteration of a Historic Structure listed on the National Register of Historic Places or the Illinois Register of Historic Places, provided that the alteration will not preclude the Building's continued designation as a Historic Structure.

GGG. **Transition Section** - Reaches of the stream or Floodway where water flows from a narrow cross-section to a wide cross-section or vice versa.

3. DUTIES OF THE VILLAGE'S DIRECTOR OF COMMUNITY DEVELOPMENT:

3.1 DETERMINING THE FLOODPLAIN DESIGNATION:

A. Check all new Development sites to determine whether they are in a Floodplain using criteria listed in Section 4, Base Flood Elevation.

B. If the site is in a Floodplain, determine whether they the site is in a Floodway, Flood Fringe or in a Floodplain for which a detailed study has not been conducted and which drains more than one (1) square mile.

- If the site is within a Flood Fringe, the Director of Community Development shall require that the minimum requirements of Section 5 be met.
- If the site is within a Floodway, the Director of Community Development shall require that the minimum requirements of Section 6 be met.

- If the site is located within a Floodplain for which no detailed study has been completed and approved, the Director of Community Development shall require that the minimum requirements of Section 7 be met.

3.2 PROFESSIONAL ENGINEER REVIEW:

- A. If the Development site is within a Floodway or in a Floodplain for which a detailed study has not been conducted and which drains more than one square mile, the permit shall be referred to a P.E. under the employ or contract of the Village for review to ensure that the Development meets Sections 6 or 7.
- B. In the case of an Appropriate Use, the P.E. shall state in writing that the Development meets the requirements of Section 6.

3.3 DAM SAFETY REQUIREMENTS:

- A. Dams are classified as to their size and their hazard/damage potential in the event of failure. Permits for Dams may be required from IDNR/OWR. Contact IDNR/OWR to determine if a permit is required. If a permit is required, a permit application must be made to IDNR/OWR prior to the construction or major modification of jurisdictional Dams.

3.4 OTHER PERMIT REQUIREMENTS:

- A. Ensure any and all required federal, state and local permits are received prior to the issuance of a Floodplain Development permit, including, but not limited to, permits pertaining to the Clean Water Act, Public Water Supply, Endangered Species Act, Illinois Endangered and Species Protection Act.

3.5 PLAN REVIEW AND PERMIT ISSUANCE:

- A. Ensure that all Development activities, including New Construction and Substantial Improvements, within the Floodplains of the jurisdiction of the Village meet the requirements of this Ordinance.
- B. Issue a Floodplain Development permit in accordance with the provisions of this Ordinance and other regulations of this community when the Development meets the conditions of this Ordinance.
- C. Ensure that all Development activities happen in a timely manner and any permit time extensions are issued per the requirements of Sections 5.1, 6.1 and 7.1 of this Ordinance.

3.6 INSPECTION REVIEW:

- A. Inspect all Development projects before, during and after construction to assure proper elevation of the Building and to ensure compliance with the provisions of this Ordinance.
- B. Schedule on an annual basis an inspection of the Floodplain and document the results of the inspection.

3.7 SUBSTANTIAL DAMAGE AND SUBSTANTIAL IMPROVEMENT DETERMINATIONS:

- A. Establish, procedures for administering and documenting determinations, as outlined below, of Substantial Improvement and Substantial Damage made pursuant to Section 8.
- B. Determine the market value or require the Applicant to obtain an appraisal of the market value prepared by a qualified independent appraiser, of the Building before the Start of Construction of the proposed work. In the case of repair, the market value of the Building shall be the market value before the damage occurred and before any repairs are made.
- C. Compare the cost to perform the improvement, the cost to repair a damaged Building to its pre-damaged condition, or the combined costs of improvements and repairs, if applicable, to the market value of the Building.
- D. Determine and document whether the proposed work constitutes Substantial Improvement or Substantial Damage.
- E. Notify the Applicant if it is determined that the work constitutes Substantial Improvement or repair of Substantial Damage and that compliance with the Flood resistant construction requirements of the Village and/or County and this Ordinance is required.

3.8 ELEVATION AND FLOODPROOFING CERTIFICATES:

Maintain permit files including:

- A. An Elevation Certificate certifying the elevation of the Lowest Floor (including Basement) of a residential or non-residential Building subject to Section 8 of this Ordinance, and/or;
- B. The elevation to which a non-residential Building has been flood proofed, using a Flood proofing Certificate, for all Buildings subject to Section 8 of this Ordinance.

3.9 RECORDS FOR PUBLIC INSPECTION:

- A. Maintain for public inspection and furnish upon request all permit records, including but not limited to Base Flood data, Floodplain and Designated Floodway maps, copies of federal or state permit documents, variance documentation, soil compaction records, Conditional Letter of Map Revision, Letter of Map Revision, Letter of Map Amendment, as-built elevation, Floodproofing Certificates and Elevation Certificates for all Buildings constructed subject to this Ordinance.

3.10 FLOODWAY PERMITS:

- A. For all Development projects in a Floodway, ensure that construction authorization has been granted by IDNR/OWR or a Delegated Community, or written documentation is provided stating that a permit is not required from IDNR/OWR, issued pursuant to 615 ILCS 5/5 et seq. Floodway permit requirements are specified in Sections 6 and 7 of this Ordinance.

3.11 COOPERATION WITH OTHER AGENCIES:

- A. Cooperate with state and federal Floodplain management agencies to improve Base Flood and Floodway data and to improve the administration of this Ordinance;
- B. Submit data to IDNR/OWR and FEMA for proposed revisions of a regulatory map within 6 months whenever a modification of the Floodplain may change the BFE or result in a change to the Floodplain map;
- C. Submit reports as required for the NFIP; and
- D. Notify FEMA of any proposed amendments to this Ordinance.

3.12 PROMULGATE REGULATIONS:

- A. Promulgate rules and regulations as necessary to administer and enforce the provisions of this Ordinance, subject however to the review and approval of IDNR/OWR and FEMA for any Ordinance changes.

3.13 VARIANCES:

- A. If a variance is to be granted, the Director of Community Development shall review the requirements of Section 10 to make sure they are met. In addition, the Director of Community Development shall complete all notifications requirements.

3.14 ENFORCEMENT:

- A. In order to assure that property owners obtain permits as required in the Ordinance, the Director of Community Development may take any and all actions as outlined in Section 12.

4. BASE FLOOD ELEVATION:

This Ordinance's protection standard is based on the FIS for Cook County and Will County.

- A. If a BFE is not available for a particular site, then the protection standard shall be according to the best existing data available from federal, state or other sources.
- B. When a party disagrees with the best available data, they shall submit a detailed engineering study needed to replace existing data with better data and submit it to IDNR/OWR and FEMA for review and consideration prior to any Development of the site.
- C. The BFE for the Floodplains of the Village shall be as delineated on the Base Flood profiles in the FIS of Cook County prepared by FEMA dated November 1, 2019 and Will County prepared by FEMA dated February 15, 2019 and such amendments to such study and maps as may be prepared from time to time.

- D. The BFE for the Floodplains of those parts of unincorporated Cook County and Will County that are within the extraterritorial jurisdiction of the Village or that may be annexed into the Village shall be as delineated on the Base Flood profiles in the FIS of Cook County prepared by FEMA dated November 2, 2019 and Will County prepared by FEMA and dated February 15, 2019, and such amendments or revisions to such study and maps as may be prepared from time to time.
- E. The BFE for each Floodplain delineated as an AH Zone or AO Zone shall be that elevation (or depth) delineated on the countywide FIRM of Cook County as shown in Appendix and Will County dated February 15, 2019, and such amendments or revisions to such study and maps as may be prepared from time to time.
- F. The BFE for each of the remaining Floodplains delineated as an A Zone on the countywide FIRM of Cook as shown in Appendix A or Will County dated February 15, 2019, shall be according to the best existing data available from federal, state or other sources. Should no other data exist, an engineering study must be financed by the Applicant to determine BFEs.
- G. When no BFE exists, the BFE for a riverine Floodplain shall be determined from an accepted hydraulic model, based on current industry standards.
- H. The Flood flows used in the hydraulic models shall be obtained from an accepted hydrologic model, based on current industry standards, or by techniques presented in various publications prepared by the United States Geological Survey for estimating peak Flood discharges.

5. OCCUPATION AND USE OF FLOOD FRINGE AREAS:

Development in and/or filling of the Flood Fringe will be permitted if protection is provided against the Base Flood by proper elevation, compliance with Compensatory Storage requirements, and other applicable provisions of this Ordinance. No use will be permitted that adversely affects the capacity of drainage facilities or systems. Developments located within the Flood Fringe shall meet the requirements of this Section, along with the requirements of Section 9.

5.1 DEVELOPMENT PERMIT:

- A. No person, firm, corporation, or governmental body shall commence any Development in the Floodplain without first obtaining a Development permit from the Director of Community Development.
- B. Application for a Development permit shall be made on a form provided by the Director of Community Development.
- C. The application shall be accompanied by drawings of the site, drawn to scale, showing property line dimensions and legal description for the property and sealed by a Registered P.E, licensed architect or Registered Land Surveyor; existing grade elevations, using the NAVD 88, and all proposed changes in grade resulting from excavation or filling; the location and dimensions of all existing and proposed Buildings and additions to Buildings.

- D. For all proposed Buildings, the elevation of the Lowest Floor (including Basement) and lowest adjacent grade shall be shown on the submitted plans and the Development will be subject to the requirements of Section 8 of this Ordinance.
- E. Upon receipt of a Development permit application, the Director of Community Development shall compare the elevation of the site to the BFE.
- F. Any Development located on land that can be shown to be higher than the BFE of the current FIRM and which has not been filled after the date of the site's first Floodplain designation on a FIRM, is not in the Floodplain and, therefore, not subject to the requirements of this Ordinance.
- G. Any Development located on land shown to be below the BFE that is hydraulically connected to the Floodplain, but not shown on the current FIRM, is subject to the provisions of this Ordinance.
- H. The Director of Community Development shall maintain documentation of the existing ground elevation at the Development site and certification that this ground elevation existed prior to the date of the site's first FIRM identification in the Floodplain.
- I. The Director of Community Development shall be responsible for obtaining from the Applicant copies of all other federal, state, and local permits, approvals or waivers that may be required for this type of activity, as specified in Section 3 of this Ordinance. The Director of Community Development shall not issue a permit unless all other federal, state, and local permits have been obtained.
- J. A Development permit or approval shall become invalid unless the actual Start of Construction, as defined in Section 2, for work authorized by such permit, is commenced within 180 days after its issuance, or if the work authorized is suspended or abandoned for a period of 180 days after the work commences. All permitted work shall be completed within twelve (12) months after the date of issuance of the permit or the permit shall expire. Time extensions, of not more than 180 days each, may be granted, in writing, by the Director of Community Development. Time extensions shall be granted only if the original permit is compliant with this Ordinance and the FIRM and FIS in effect at the time the extension is granted.

5.2 PREVENTING INCREASED DAMAGES:

- A. No Development in the Flood Fringe shall create a threat to public health and safety.
- B. If fill is being used to elevate the site above the BFE, the Applicant shall submit sufficient data and obtain a LOMR from FEMA for the purpose of removing the site from the Floodplain.
- C. Compensatory Storage:
 - C1. Whenever any portion of a Floodplain is authorized for use, the volume of space which will be occupied by the authorized fill or Structure below the BFE shall be compensated for and balanced by a hydraulically equivalent volume of excavation taken from below the BFE.
 - C2. The excavation volume shall be at least equal to 1.5 times the volume of storage lost due to the fill or Structure

- C3. In the case of streams and watercourses, such excavation shall be made opposite or adjacent to the areas so filled or occupied.
- C4. All Floodplain storage lost below the existing 10-percent annual chance Flood elevation shall be replaced below the proposed 10-percent annual chance Flood elevation. All Floodplain storage lost above the existing 10-percent annual chance Flood elevation shall be replaced above the proposed 10-percent annual chance Flood elevation.
- C5. All such excavations shall be constructed to drain freely and openly to the watercourse.

5.3 CONSTRUCTION OF A BUILDING UNDER A LOMR BASED ON FILL:

- A. A person who has obtained a LOMR Based on Fill, which removes a site in the Floodplain due to the use of fill to elevate the site above the BFE, may only apply for a permit from the Village to construct the Lowest Floor of a Building above the BFE in the Floodplain. The Director of Community Development shall not issue such a permit unless the Applicant has demonstrated that the Building will be reasonable safe from flooding. The Director of Community Development shall require a professional certification from a qualified design professional that indicates the land or Buildings to be removed from the SFHA are reasonably safe from flooding, according to the criteria established in FEMA Technical Bulletin (TB) 10. Professional certification may come from a professional engineer, professional geologist, professional soil scientist, or other design professional qualified to make such evaluations. Analysis by a structural engineer may be required.
- B. The Director of Community Development shall maintain records, including but not limited to, all correspondence, professional certification, existing and proposed grading, sump pump sizing, foundation plans, Elevation Certificates, Compensatory Storage calculations, soil testing and compaction data.
- C. The Building Department shall not issue a permit to construct the Lowest Floor of a Building below the BFE on a site removed from the Floodplain through a LOMR Based on Fill.

6. OCCUPATION AND USE OF DESIGNATED FLOODWAYS:

This section applies to proposed Development, redevelopment, site modification or Building modification within a Designated Floodway. The Designated Floodway shall be as delineated on the countywide FIRMS of Cook and Will counties, as defined in Section 2. Permits will only be issued for Appropriate Uses of the Designated Floodway of which periodic inundation will not pose a danger to the general health and welfare of the user or require the expenditure of public funds or the provisions of public resources or disaster relief services or result in increased Flood stages due to the singular or cumulative loss of regulatory Floodway storage or regulatory Floodway conveyance or increase in Flood velocities. All Floodway modifications shall be the minimum necessary to accomplish the purpose of the project. The Development shall also meet the requirements of Section 8. No permit from IDNR/OWR shall be required if the project meets Regional Permit No. 3.

6.1 DEVELOPMENT PERMIT:

- A. No person, firm, corporation or governmental body, shall commence any Development in a Floodway without first obtaining a Development permit from the Village, as a Delegated Community. Except as noted in this Section. A delegation letter from IDNR/OWR is required prior to the Village issuing a permit for work in the floodway.

- B. Applications for a Development permit for work in a Floodway shall be made by submitting an application for a Development permit for work in a Floodway to include, as a minimum, the following information:
 - B1. Name and address of Applicant
 - B2. Legal description of the property
 - B3. Site location map of the property, drawn to scale on the FIRM, indicating whether it is proposed to be in an incorporated or unincorporated area
 - B4. Name of stream or body of water affected
 - B5. Description of proposed activity
 - B6. Statement of purpose of proposed activity
 - B7. Anticipated dates of initiation and completion of activity
 - B8. Name and mailing address of the owner of the subject property if different from the Applicant
 - B9. Signature of the Applicant or the Applicant's agent
 - B10. If the Applicant is a corporation, the president or other authorized officer shall sign the application form
 - B11. If the Applicant is a partnership, each partner shall sign the application form
 - B12. If the Applicant is a land trust, the trust officer shall sign the name of the trustee by him (her) as trust officer. A disclosure affidavit shall be filed with the application, identifying each beneficiary of the trust by name and address and defining the respective interests therein.

- C. Plans of the proposed activity shall be provided, which include, as a minimum:
 - C1. A vicinity map showing the site of the activity, name of the waterway, boundary lines, names of roads in the vicinity of the site, graphic or numerical scale, and north arrow;

- C2. A plan view of the project and engineering study reach showing existing and proposed conditions including principal dimensions of the Building or work, elevations (NAVD 88), adjacent property lines and ownership, drainage and Flood control easements, location of any Channels and any existing or future access roads, distance between proposed activity and navigation Channel (when the proposed construction is near a commercially navigable body of water), Designated Floodway limit, Floodplain limit, specifications and dimensions of any proposed Channel Modifications, location and orientation of cross-sections, north arrow, and a graphic or numerical scale;
- C3. Cross-section views of the project and engineering study reach showing existing and proposed conditions including principal dimensions of the work, as shown in plan view, existing and proposed elevations, normal water elevation, 10-percent annual chance Flood elevation, BFE, and graphic or numerical scales (horizontal and vertical);
- C4. A seeding or stabilization plan for the disturbed areas.
- C5. A copy of the FIRM, marked to reflect any proposed change in the Designated Floodway location.
- C6. Any and all other federal, state, and local permits or approval letters that may be required for this type of Development.
- C7. Engineering calculations and supporting data shall be submitted showing that the proposed work will meet the permit criteria of Section 6.2.
- C8. If the Designated Floodway delineation or BFE will change due to the proposed project, the application will not be considered complete until IDNR/OWR has indicated conditional approval of the Designated Floodway map change. No Buildings may be built until a LOMR has been approved by FEMA.
- C9. The application for a Building shall be accompanied by drawings of the site, drawn to scale showing property line dimensions and existing ground elevations and all changes in grade resulting from any proposed excavation or filling, and Floodplain and Floodway limits; sealed by a l Registered P.E, licensed architect or Registered Land Surveyor; the location and dimensions of all Buildings and additions to Buildings; and the elevation of the Lowest Floor (including Basement) of all proposed Buildings subject to the requirements of Section 8 of this Ordinance.
- C10. A Development permit or approval shall become invalid unless the Start of Construction, for work authorized by such permit, is commenced within 180 days after its issuance, or if the work authorized is suspended or abandoned for a period of 180 days after the work commences. All permitted work shall be completed within twelve (12) months after the date of issuance of the permit or the permit shall expire. Time extensions, of not more than 180 days each, may be granted, in writing, by the Building Department. Time extensions shall be granted only if the original permit is compliant with this Ordinance and the FIRM and FIS in effect at the time the extension is granted.

- C11. The Director of Community Development shall be responsible for obtaining from the Applicant copies of all other federal, state, and local permits and approvals that may be required for this type of activity.
- C12. The Building Department shall not issue the Development permit unless all required federal and state permits have been obtained.
- C13. A Licensed P.E., under the employ or contract of the Village shall review and approve applications reviewed under this Section.

6.2 PREVENTING INCREASED DAMAGES AND A LIST OF APPROPRIATE USES:

- A. The only Development in a Floodway allowed are Appropriate Uses that will not cause a rise in the BFE and will not create a damaging or potentially damaging increase in Flood heights or velocity, be a threat to public health and safety and welfare, impair the natural hydrologic and hydraulic functions of the Floodway or Channel, or permanently impair existing water quality or aquatic habitat. Construction impacts shall be minimized by appropriate mitigation methods as called for in this Ordinance. Only those Appropriate Uses listed in 17 Ill. Adm. Code Part 3708 will be allowed. The approved Appropriate Uses are as follows:
 - A1. Flood Control Structures, dikes, Dams and other public works or private improvements relating to the control of drainage, Flooding, erosion, or water quality or habitat for fish and wildlife.
 - A2. Structures or facilities relating to the use of, or requiring access to, the water or shoreline, such as pumping and treatment facilities, and facilities and improvements related to recreational boating, commercial shipping and other functionally water dependent uses;
 - A3. Storm and sanitary sewer relief outfalls;
 - A4. Underground and overhead utilities;
 - A5. Recreational facilities such as playing fields and trail systems, including any related fencing (at least 50 percent open when viewed from any one direction) built parallel to the direction of Flood flows, and including open air pavilions and toilet facilities (4 stall maximum) that will not block Flood flows nor reduce Floodway storage.
 - A6. Detached garages, storage sheds, or other non-habitable Accessory Structures that will not block Flood flows nor reduce Floodway storage;
 - A7. Bridges, culverts, roadways, sidewalks, railways, runways and taxiways and any modification thereto;

- A8. Parking lots built at or below existing grade where either:
- The depth of flooding during the Base Flood will not exceed 1.0 foot; or
 - The Applicant of a short-term recreational use facility parking lot formally agrees to restrict access during overbank flooding events and accepts liability for all damage caused by vehicular access during all overbank flooding events.
- A9. Aircraft parking aprons built at or below ground elevation where the depth of flooding during the Base Flood will not exceed 1.0 foot;
- A10. Designated Floodway regrading, without fill, to create a positive non-erosive slope toward a watercourse.
- A11. Flood proofing activities to protect previously existing lawful Buildings including the construction of water tight window wells, elevating Buildings, or construction of floodwalls around residential, commercial or industrial principal Buildings where the outside toe of the floodwall shall be no more than ten (10) feet away from the exterior wall of the existing Building, and, which are not considered Substantial Improvements to the Building.
- A12. The replacement, reconstruction, or repair of a damaged Building, provided that the outside dimensions are not increased, and if the Building was damaged to fifty (50%) percent or more of the market value before the damage occurred, the Building will be protected from flooding to the FPE.
- A13. Modifications to an existing Building that would not increase the enclosed floor area of the Building below the BFE, and which will not block Flood flows including but not limited to, fireplaces, bay windows, decks, patios, and second story additions. If the Building is improved to fifty (50%) percent or more of the market value before the modification occurred (i.e., a Substantial Improvement), the Building will be protected from flooding to the FPE.
- B. Appropriate Uses do not include the construction or placement of any new Buildings, fill, Building additions, Buildings on stilts, excavation or Channel Modifications done to accommodate otherwise non-Appropriate Uses in the Floodway, fencing (including landscaping or planting designed to act as a fence) and storage of materials except as specifically defined above as an Appropriate Use.
- C. Within the Designated Floodway, the construction of an Appropriate Use, will be considered permissible provided that the proposed project meets the following engineering and mitigation criteria and is so stated in writing with supporting plans, calculations and data by a Registered P.E. and provided that any Building meets the protection requirements of Section 9 of this Ordinance:
- C1. Preservation of Flood Conveyance, so as Not to Increase Flood Stages Upstream. For Appropriate Uses other than bridge or culvert crossings, on-stream Structures or Dams, all effective Designated Floodway conveyance lost due to the project will be replaced for all Flood events up to and including the Base Flood. In calculating effective Designated Floodway conveyance, the following factors shall be taken into consideration:

- Designated Floodway conveyance, $K = (1.486/n)(AR^{2/3})$ where "n" is Manning's roughness factor, "A" is the effective flow area of the cross-section, and "R" is the ratio of the area to the wetted perimeter. (See Ven Te Chow, *Open Channel Hydraulics*, (McGraw-Hill, New York 1959)).
- The same Manning's "n" value shall be used for both existing and proposed conditions unless a recorded maintenance agreement with a federal, state, or local unit of government can assure the proposed conditions will be maintained or the land cover is changing from a vegetative to a non-vegetative land cover.
- Transition sections shall be provided and used in calculations of effective Designated Floodway conveyance. The following expansion and contraction ratios shall be used unless an Applicant's engineer can prove to IDNR/OWR through engineering calculations or model tests that more abrupt transitions may be used with the same efficiency:
 - When water is flowing from a narrow section to a wider section, the water should be assumed to expand no faster than at a rate of one foot horizontal for every four feet of the flooded stream's length.
 - When water is flowing from a wide section to a narrow section, the water should be assumed to contract no faster than at a rate of one foot horizontal for every one foot of the flooded stream's length.
 - When expanding or contracting flows in a vertical direction, a minimum of one-foot vertical transition for every ten feet of stream length shall be used.
 - Transition sections shall be provided between cross-sections with rapid expansions and contractions and when meeting the Designated Floodway delineation on adjacent properties.
 - All cross-sections used in the calculations shall be located perpendicular to Flood flows.

C2. Preservation of Floodway Storage so as Not to Increase Downstream Flooding.

- Compensatory Storage shall be provided for any Designated Floodway storage lost due to the proposed work from the volume of fill or Structures placed and the impact of any related Flood control projects.
- Compensatory Storage for fill or Structures shall be equal to 1.5 times the volume of Floodplain storage lost.
- Artificially created storage lost due to a reduction in head loss behind a bridge shall not be required to be replaced.

- The compensatory Designated Floodway storage shall be placed between the proposed normal water elevation and the proposed BFE. All Designated Floodway storage lost below the existing 10-percent annual chance Flood elevation shall be replaced below the proposed 10-percent annual chance Flood elevation. All Designated Floodway storage lost above the existing 10-percent annual chance Flood elevation shall be replaced above the proposed 10-percent annual chance Flood elevation. All such excavations shall be constructed to drain freely and openly to the watercourse.
- If the Compensatory Storage will not be placed at the location of the proposed construction, the Applicant's engineer shall demonstrate through a determination of Flood discharges and water surface elevations that the Compensatory Storage is hydraulically equivalent.
- There shall be no reduction in Floodway surface area, as a result of a Floodway modification, unless such modification is necessary to reduce flooding at an existing Structure.

C3. Preservation of Floodway Velocities so as Not to Increase Stream Erosion or Flood Heights.

- For all Appropriate Uses, except bridges or culverts or on-stream Structures, the proposed work will not result in an increase in the average Channel or Designated Floodway velocities or stage for all Flood events up to and including the Base Flood event.
- In the case of bridges or culverts or on-stream Structures built for the purpose of backing up water in the stream during normal or Flood flows, velocities may be increased at the Structure site if scour, erosion and sedimentation will be avoided by the use of rip-rap or other design measures.

C4. Construction of New Bridges or Culvert Crossings and Roadway Approaches.

- The proposed Structure shall not result in an increase of upstream Flood stages greater than 0.1 foot when compared to the existing conditions for all Flood events up to and including the Base Flood event; or the upstream Flood stage increases will be contained within the Channel banks (or within existing vertical extensions of the Channel banks) such as within the design protection grade of existing levees or floodwalls or within recorded Flood easements.
- If the proposed construction will increase upstream Flood stages greater than 0.1 feet, the developer must contact IDNR/OWR to obtain a permit for a Dam or waiver.
- The engineering analysis of upstream Flood stages must be calculated using the Flood study flows, and corresponding Flood elevations for tailwater conditions for the Flood study specified in Section 500.0 of this Ordinance. Bridges and Culverts must be analyzed using any commonly accepted FEMA approved hydraulic models.
- Lost Floodway storage must be compensated for per Section 7.2.C.C2.
- Velocity increases must be mitigated per Section 7.2.C.C3.

- If the crossing is proposed over a Public Body of Water that is used for recreational or commercial navigation, an IDNR/OWR permit must be received.
- The hydraulic analysis for the backwater caused by the bridge showing the existing condition and proposed regulatory profile must be submitted to IDNR/OWR for concurrence that a CLOMR is not required by Section 6.2.
- All excavations for the construction of the crossing shall be designed per Section 6.2C8.

C5. Reconstruction or Modification of Existing Bridges, Culverts, and Approach Roads.

- The bridge or culvert and roadway approach reconstruction or modification shall be constructed with no more than 0.1-foot increase in backwater over the existing Flood profile for all Flood frequencies up to and including the Base Flood event, if the existing Structure is not a source of Flood damage.
- If the existing bridge or culvert and roadway approach is a source of Flood damage to Structures in the upstream Floodplain, the Applicant's engineer shall evaluate the feasibility of redesigning the existing bridge or culvert and roadway approach to reduce the existing backwater, taking into consideration the effects on Flood stages on upstream and downstream properties.
- The determination as to whether or not the existing crossing is a source of Flood damage and should be redesigned must be prepared in accordance with 17 Ill. Adm. Code Part 3708 (Floodway Construction in Northeastern Illinois) and submitted to IDNR/OWR for review and concurrence before a permit is issued.

C6. On-Stream Structures Built for the Purpose of Backing Up Water.

- Any increase in upstream Flood stages greater than 0.0 foot when compared to the existing conditions, for all Flood events up to and including the Base Flood event shall be contained within the Channel banks (or within existing vertical extensions of the Channel banks) such as within the design protection grade of existing levees or Floodwalls or within recorded Flood easements.
- A permit or letter indicating a permit is not required must be obtained from IDNR/OWR for any Structure built for the purpose of backing up water in the stream during normal or Flood flow.
- All Dams and impoundment Structures, as defined in Section 3, shall meet the permitting requirements of 17 Ill. Adm. Code Part 3702 (Construction and Maintenance of Dams). If the proposed activity involves a modification of the Channel or Floodway to accommodate an impoundment, it shall be demonstrated that:

- The impoundment is determined to be in the public interest by providing Flood control, public recreation, or regional stormwater detention;
- The impoundment will not prevent the migration of indigenous fish species, which require access to upstream areas as part of their life cycle, such as for spawning;
- The impoundment will not cause or contribute to degraded water quality or habitat conditions. Impoundment design should include gradual bank slopes, appropriate bank stabilization measures and a pre-sedimentation basin.
- A non-point source control plan has been implemented in the upstream watershed to control the effects of sediment runoff as well as minimize the input of nutrients, oil and grease, metals, and other pollutants. If there is more than one municipality in the upstream watershed, the municipality in which the impoundment is constructed should coordinate with upstream municipalities to ensure comprehensive watershed control;
- The project otherwise complies with the requirements of Section 6.

C7. Excavation in the Floodway.

- When excavation is proposed in the design of bridges and culvert openings, including the modifications to and replacement of existing bridge and culvert Structures, or to compensate for lost conveyance or other Appropriate Uses, transition sections shall be provided for the excavation.
- The following expansion and contraction ratios shall be used unless an Applicant's engineer can prove to IDNR/OWR through engineering calculations or model tests that more abrupt transitions may be used with the same efficiency:
 - When water is flowing from a narrow section to a wider section, the water should be assumed to expand no faster than at a rate of one foot horizontal for every four feet of the flooded stream's length; and
 - When water is flowing from a wide section to a narrow section, the water should be assumed to contract no faster than at a rate of one foot horizontal for every one foot of the flooded stream's length; and
 - When expanding or contracting flows in a vertical direction, a minimum of one-foot vertical transition for every ten feet of stream length shall be used; and
 - Erosion/scour protection shall be provided inland upstream and downstream of the transition sections.

C8. General Criteria for Analysis of Flood Elevations.

- The Flood profiles, flows and Floodway data in the Designated Floodway study, referenced in Section 5, must be used for analysis of the base conditions. If the study data appears to be in error or conditions have changed, IDNR/OWR shall be contacted for approval and concurrence on the appropriate base conditions data to use.
- If the Floodway elevation at the site of the proposed construction is affected by backwater from a downstream receiving stream with a larger drainage area, the proposed construction shall be shown to meet:
 - The requirements of this section for the BFEs of the Designated Floodway conditions; and
 - Conditions with the receiving stream at normal water elevations.
- If the Applicant learns from IDNR/OWR, local governments, or a private owner that a downstream restrictive bridge or culvert is scheduled to be removed, reconstructed, modified, or a Public Flood Control Project is scheduled to be built, removed, constructed or modified within the next five years, the proposed construction shall be analyzed and shown to meet the requirements of this section for both the existing conditions and the expected Flood profile conditions when the bridge, culvert or Flood control project is built.

C9. Conditional Letter of Map Revision.

- If the Appropriate Use would result in a change in the Designated Floodway location or the BFE, the Applicant shall submit to IDNR/OWR and FEMA all information, calculations and documents necessary to be issued a conditional Designated Floodway map revision and receive from IDNR/OWR a conditional concurrence of the Designated Floodway change before a permit is issued.
- The final Designated Floodway map will not be changed by FEMA until as-built plans or record drawings of initial filling, grading, dredging, or excavating activities are submitted and accepted by FEMA and IDNR/OWR. All field surveys shall be conducted under the supervision of a Registered P.E. or Registered Land Surveyor and shall be sealed. All required engineering analyses shall be conducted under the supervision of a Registered P. E., or in the case of a federal project, by the federal agency and shall be so sealed or stated.
- In the case of non-government projects, the municipality in incorporated areas and the county in unincorporated areas shall concur with the proposed conditional Designated Floodway map revision before IDNR/OWR approval can be given.
- No filling, grading, dredging or excavating shall take place until a conditional approval is issued.
- After initial filling, grading, dredging or excavating, no activities shall take place until a final LOMR is issued by FEMA with concurrence from IDNR/OWR.

C10. Professional Engineer's Supervision.

- All engineering analyses shall be performed by or under the supervision of a Registered P.E.

C11. After receipt of conditional approval of the Designated Floodway change and issuance of a permit and a Conditional Letter of Map Revision, construction as necessary to change the Floodway designation may proceed but no Buildings-or Structures-or other construction that is not an Appropriate Use may be placed in that area until the Designated Floodway map is changed and a final Letter of Map Revision is received. The Designated Floodway map will be revised upon acceptance and concurrence by IDNR/OWR and FEMA of the as-built plans.

D. Permits for Dams

D1. Any work involving the construction, modification or removal of a Dam as defined in Section 3 per 17 Ill. Adm. Code Part 3702 (Rules for Construction of Dams) shall obtain an IDNR/OWR permit prior to the start of Dam construction.

D2. If the Director of Community Development finds a Dam that does not have an IDNR/OWR permit, the Director of Community Development shall immediately notify the IDNR/OWR Bartlett office.

D3. If Director of Community Development the finds a Dam which is believed to be in unsafe condition, the Director of Community Development shall immediately notify the owner of the Dam, the IDNR/OWR Bartlett office, and the Illinois Emergency Management Agency.

E. Activities That Do Not Require a Registered Professional Engineer's Review

E1. Regional Permit No. 3, which authorizes, for example, underground and overhead utilities, storm and sanitary sewer outfalls, sidewalks, patios, athletic fields, playground equipment and streambank protection activities; may be permitted without a Registered P.E.'s review. Such activities shall still meet the other requirements of this Ordinance, including the mitigation requirements.

E2. Development Activities in Delegated Communities Requiring State Review.

As specified in 17 Ill. Adm. Code Part 3708, the following shall not be delegated and shall be subject to IDNR/OWR review and permits:

- Permits issued to organizations that are exempt from Village permitting authority.
- IDNR/OWR projects, dams (as defined by 17 Ill. Adm. Code 3702) and all other state, federal or local unit of government projects, including projects of the municipalities and counties.
- Construction and other activities in Public Bodies of Water pursuant to 17 Ill. Adm. Code 3704.

- An engineer's determination that an existing bridge or culvert crossing is not a source of Flood damage and the analysis indicating the proposed Flood profile, pursuant to Section 6.2.C5.
- An engineer's determination that a proposed new bridge, affected by backwater from a downstream receiving stream, may be built with a smaller opening pursuant to 6.2.C4.
- An analysis of alternative transition sections and hydraulically equivalent storage pursuant to Section 6.2.C1, 2, 8.
- Projects which revise or establish the Floodway and/or Flood profiles.

7. OCCUPATION AND USE OF FLOODPLAIN AREAS WHERE FLOODWAYS ARE NOT IDENTIFIED:

In Floodplains, (including AE, AH, AO and Unnumbered A Zones) where no Floodways have been identified and no BFEs have been established by FEMA, and draining more than a square mile, no Development shall be permitted unless the cumulative effect of the proposals, when combined with all other existing and anticipated uses and Structures, shall not significantly impede or increase the flow and passage of the floodwaters nor significantly increase the BFE.

7.1 DEVELOPMENT PERMIT:

- A. No person, firm, corporation, or governmental body, shall commence any Development in a Floodplain without first obtaining a Development permit from the Director of Community Development.
- B. Application for a Development permit shall be made on a form provided by the Director of Community Development.
 - B1. The application shall be accompanied by drawings of the site, drawn to scale showing property line dimensions; and existing grade elevations and all changes in grade resulting from excavation or filling, sealed by a Registered P.E, licensed architect or Registered Land Surveyor; the location and dimensions of all Buildings and additions to Buildings; and the elevations of the Lowest Floor (including Basement) of all proposed Buildings subject to the requirements of Section 9 of this Ordinance.
 - B2. The application for a Development permit shall also include the following information:
 - A detailed description of the proposed activity, its purpose, a and intended use;
 - Site location (including legal description) of the property, drawn to scale, on the FIRM, indicating whether it is proposed to be in an incorporated or unincorporated area;
 - Anticipated dates of initiation and completion of activity;
 - Plans of the proposed activity shall be provided which include as a minimum:

- A vicinity map showing the site of the activity, name of the waterway, boundary lines, names of roads in the vicinity of the site, graphic or numerical scale, and north arrow;
 - A plan view of the project and engineering study reach showing existing and proposed conditions including principal dimensions of the Structure or work, elevations, using the NAVD 88, adjacent property lines and ownership, drainage and Flood control easements, distance between proposed activity and navigation Channel (when the proposed construction is in or near a commercially navigable body of water), Floodplain limit, location and orientation of cross-sections, north arrow, and a graphical or numerical scale;
 - Cross-section views of the project perpendicular to the flow of floodwater and engineering study reach showing existing and proposed conditions including principal dimensions of the work as shown in plan view, existing and proposed elevations, normal water elevation, 10-percent annual chance Flood elevation, BFE, and graphical or numerical scales (horizontal and vertical); and
 - A seeding or stabilization plan for the disturbed areas.
 - Engineering calculations and supporting data shall be submitted showing that the proposed work will meet the criteria of Section 7.
 - Any and all other federal, state, and local permits or approvals that may be required for this type of Development.
- C. Based on the best available existing data according to federal, state or other sources, the Village Engineer shall compare the elevation of the site to the BFE.
- C1. Should no BFE information exist for the site, the developer's engineer shall calculate the BFE according to Section 4.F.
 - C2. Any Development located on land that can be shown to have been higher than the BFE prior to the current FIRM's Floodplain identification, is not in the Floodplain and, therefore, not subject to the requirements of this Ordinance.
 - C3. The Developer's Registered Land Surveyor or Registered P.E. shall provide to the Village Engineer documentation of the existing ground elevation at the Development site and certification that this ground elevation existed prior to the date of the site's current FIRM's Floodplain identification.
 - C4. The Director of Community Development shall be responsible for obtaining from the Applicant copies of all other federal, state, and local permits, approvals or waivers that may be required for this type of activity. The Building Department shall not issue the Development permit unless all required federal, state, and local permits have been obtained.

- D. A Development permit or approval shall become invalid unless the Start of Construction, for work authorized by such permit, is commenced within 180 days after its issuance, or if the work authorized is suspended or abandoned for a period of 180 days after the work commences. All permitted work shall be completed within twelve (12) months, after the date of issuance of the permit or the permit shall expire. Time extensions, of not more than 180 days each, may be granted, in writing, by the Building Department. Time extensions shall be granted only if the original permit is compliant with this Ordinance and the FIRM and FIS in effect at the time the extension is granted.

7.2 PREVENTING INCREASED DAMAGES AND A LIST OF APPROPRIATE USES:

- A. No Development in the Floodplain, where a Floodway has not been determined, shall create a damaging or potentially damaging increase in Flood heights or velocity or threat to public health, safety and welfare or impair the natural hydrologic and hydraulic functions of the Floodway or Channel or impair existing water quality or aquatic habitat. Construction impacts shall be minimized by appropriate mitigation methods as called for in this Ordinance.
- B. Within all riverine Floodplains where the Floodway has not been determined, the following standards shall apply:
- B1. The developer shall have a Licensed P.E. state in writing and show through supporting plans, calculations, and data that the project meets the engineering requirements of Section 6.2C1 through 6.2.C9 for the entire Floodplain as calculated under the provisions of Section 504.0 of this Ordinance.
- B2. As an alternative, the developer should have an engineering study performed to determine a Floodway and submit that engineering study to IDNR/OWR and FEMA for acceptance as a Designated Floodway.
- B3. Upon acceptance of the Floodway by IDNR/OWR and FEMA, the developer shall then demonstrate that the project meets the requirements of Section 700.0 for the Designated Floodway. The Floodway shall be defined according to the definition in Section 300.18 of this Ordinance.
- B4. A Development permit shall not be issued unless the Applicant first obtains a IDNR/OWR permit or a determination has been made that an IDNR/OWR permit is not required.
- B5. Permits for Dams:
- Any work involving the construction, modification or removal of a Dam as defined in Section 300.16 per 17 Ill. Adm. Code Part 3702 (Rules for Construction of Dams) shall obtain an IDNR/OWR permit prior to the start of dam construction.
 - If the Director of Community Development finds a Dam that does not have an IDNR/OWR permit, the Director of Community Development shall immediately notify the IDNR/OWR Bartlett office.
 - If the Director of Community Development finds a Dam which is believed to be in unsafe condition, the Director of Community Development shall immediately notify the owner of the Dam, the IDNR/OWR Bartlett office, and the Illinois Emergency Management Agency.

- C. The following activities may be permitted without a Licensed P.E.'s review or calculation of BFE and Designated Floodway. Such activities shall still meet the other requirements of this Ordinance.
- C1. Bridge and culvert crossings of streams in rural areas meeting conditions of IDNR/OWR Statewide Permit No. 2;
 - C2. Barge fleeting facilities meeting conditions of IDNR/OWR Statewide Permit No. 3;
 - C3. Aerial utility crossings meeting conditions of IDNR/OWR Statewide Permit No. 4;
 - C4. Minor boat docks meeting conditions of IDNR/OWR Statewide Permit No. 5;
 - C5. Minor, non-obstructive activities meeting conditions of IDNR/OWR Statewide Permit No. 6; activities (not involving fill or positive change in grade) are covered by this permit;
 - C6. Outfall Structures and drainage ditch outlets meeting conditions of IDNR/OWR Statewide Permit No. 7;
 - C7. Underground pipeline and utility crossings meeting the conditions of IDNR/OWR Statewide Permit No. 8;
 - C8. Bank stabilization projects meeting the conditions of IDNR/OWR Statewide Permit No. 9;
 - C9. Accessory Structures and additions to existing residential Buildings meeting the conditions of IDNR/OWR Statewide Permit No. 10;
 - C10. Minor maintenance dredging activities meeting conditions of DNR/OWR Statewide Permit No. 11;
 - C11. Bridge and culvert replacement Structures and bridge widenings meeting conditions of IDNR/OWR Statewide Permit No. 12;
 - C12. Temporary construction activities meeting conditions of IDNR/OWR Statewide Permit No. 13;
 - C13. Special Uses of Public Waters meeting conditions of IDNR/OWR Statewide Permit No. 14; and
 - C14. Any Development determined by IDNR/OWR to be located entirely within a Flood Fringe area shall be exempt from State Floodway permit requirements.
- D. The Flood carrying capacity of any altered or relocated watercourse shall be maintained.
- E. Compensatory Storage.
- E1. Whenever any portion of a Floodplain is authorized for use, the volume of space which will be occupied by the authorized fill or Structure below the BFE shall be compensated for and balanced by a hydraulically equivalent volume of excavation taken from below the BFE.
 - E2. The excavation volume shall be at least equal to 1.5 times the volume of storage lost due to the fill or Structure.

- E3. In the case of streams and watercourses, such excavation shall be made opposite or adjacent to the areas so filled or occupied.
- E4. All Floodplain storage lost below the existing 10-percent annual chance Flood elevation shall be replaced below the proposed 10-percent annual chance Flood elevation. All Floodplain storage lost above the existing 110-percent annual chance Flood elevation shall be replaced above the proposed 10-percent annual chance Flood elevation. All such excavations shall be constructed to drain freely and openly to the watercourse.

8. PERMITTING REQUIREMENTS APPLICABLE TO ALL FLOODPLAIN AREAS AND PROTECTION OF BUILDINGS:

In addition to the requirements found in Sections 5, 6 and 7 for Development in Flood Fringes, Designated Floodways, and Floodplains where no Floodways have been identified, the following requirements shall be met.

8.1 PUBLIC HEALTH AND OTHER STANDARDS

- A. No Developments in the Floodplain shall include locating or storing chemicals, explosives, buoyant materials, animal wastes, fertilizers, flammable liquids, pollutants, or other hazardous or toxic materials below the FPE unless such materials are stored in a floodproofed and anchored storage tank and certified by a P.E. or floodproofed Building constructed according to the requirements of Section 1003 of this Ordinance.
- B. Public utilities and facilities such as sewer, gas and electric shall be located and constructed to minimize or eliminate Flood damage.
- C. Public sanitary sewer systems and water supply systems shall be located and constructed to minimize or eliminate infiltration of floodwaters into the systems and discharges from the systems into floodwaters.
- D. New and replacement water supply systems, wells, sanitary sewer lines and on-site waste disposal systems may be permitted providing all manholes or other above ground openings located below the FPE are watertight. New and replacement on-site sanitary sewer lines or waste disposal systems shall be located and constructed to avoid impairment to them or contamination from them during flooding.
- E. All other activities, defined as Development, such as pools, fences, filling, paving, etc., shall be designed so as not to alter Flood flows or increase potential Flood damages.

8.2 CARRYING CAPACITY AND NOTIFICATION OF ADJACENT COMMUNITIES

- A. For all projects involving Channel Modification, fill, or stream maintenance (including levees), the Flood carrying capacity of the watercourse shall be maintained.
- B. In addition, the Village shall notify adjacent communities in writing thirty (30) days prior to the issuance of a permit for the alteration or relocation of the watercourse.

8.3 PROTECTING BUILDINGS

- A. In addition to the damage prevention requirements in Sections 5 and 6 of this Ordinance, all Buildings located within a Floodplain, shall be protected from Flood damage below the FPE. This Building protection criteria applies to the following situations:
- A1. New Construction or placement of a new Building or alteration or addition to an existing Building valued at more than one thousand dollars (\$1,000) or seventy (70) square feet.
 - A2. Substantial Improvements, including any combination of alteration, repair, rehabilitation, reconstruction, addition, or other improvements made to an existing Building that equal or exceed the market value by fifty percent (50%), or that increase the floor area by more than twenty percent (20%). Alteration shall be figured cumulatively 10-year period. If substantially improved, the existing Building and the addition must meet the Flood Protection standards of this section.
 - A3. Any repairs made to a Substantially Damaged Building. Substantial Damage shall be figured cumulatively 10-year period by comparing the cost to repair the building to its pre-damage condition with the market value of the building immediately prior to the damage, for each event in which the building sustains damage, and adding the percentages of damage for each event. If Substantially Damaged, the entire Building must meet the Flood Protection standards of this section.
 - A4. Installing a Manufactured Home on a new site or a Manufactured Home on an existing site. (The Building protection requirements do not apply when returning a Manufactured Home to the same site it lawfully occupied before it was removed to avoid Flood damage).
 - A5. Installing a travel trailer or Recreational Vehicle on a site for more than 180 consecutive days; and
 - A6. Repetitive Loss to an existing Building as defined in Section 2.
- B. The lowest floor (including Basement) of New Construction of residential Buildings, and Substantially Improved residential Buildings, must be elevated to the FPE, subject to the more specific additional requirements in Section 9 below.
- B1. If fill, including grading to redistribute onsite material to alter existing topography, is used as a means of elevation:
 - The Lowest Floor (including Basement) shall be at or above the FPE.
 - The fill shall be placed in layers no greater than six inches before compaction and must extend at least ten (10) feet beyond the foundation before sloping below the FPE.
 - The top of the fill shall be above the FPE. However, the ten (10) foot minimum may be waived if a structural engineer certifies an alternative method to protect the Building from damages due to hydrostatic pressures.

- The fill shall be protected against erosion and scour during flooding by vegetative cover, riprap, or other structural measure.
 - The fill shall be composed of clean rock or soil and not include debris or refuse material.
 - The fill shall not adversely affect the flow of surface drainage from or onto neighboring properties.
- B2. If the Building's lowest floor is elevated above ground level with an enclosed or unenclosed area below the lowest floor:
- The Building shall be elevated on piles, walls, columns, crawlspace, or other foundation that is permanently open to floodwaters.
 - All enclosed areas below the FPE shall provide for equalization of hydrostatic pressures by allowing the automatic entry and exit of floodwaters. Each wall must have a minimum of one (1) permanent opening that is below the BFE and no more than one (1) foot above finished grade. The openings shall provide a total net area of not less than one (1) square inch for every one (1) square foot of enclosed area subject to flooding below the BFE, or the design must be certified by a Registered P.E, as providing the equivalent performance in accordance with accepted standards of practice. Refer to FEMA TB1, Openings in Foundation Walls and Walls of Enclosures, for additional guidance.
 - All electrical, heating, ventilating, plumbing, and air conditioning equipment and utility meters shall be located at or above the FPE.
 - The Building, foundation, and supporting members shall be adequately anchored to prevent flotation, collapse, or lateral movement of the Building resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, and be designed so as to minimize exposure to current, waves, ice, and floating debris.
 - All Building components below the FPE shall be constructed of materials resistant to Flood damage.
 - Water and sewer pipes, electrical and telephone lines, submersible pumps, and other service facilities may be located below the FPE provided they are waterproofed.
 - The area below the FPE shall be used solely for parking or Building access and not later modified or occupied as habitable space.
- B3. If the floor of any area of a Building below the lowest floor is proposed to be below grade on all sides, typical for crawlspace construction, the Building shall meet the requirements of this Ordinance and FEMA TB 11 Crawlspace Construction for Buildings Located in Special Flood Hazard Areas. The Building, while NFIP compliant, will be considered to have a basement for NFIP insurance purposes.
- The Building shall be designed and adequately anchored to resist flotation, collapse, and lateral movement of the Building resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy.

- All enclosed areas below the FPE shall provide for equalization of hydrostatic pressures by allowing the automatic entry and exit of floodwaters. Each wall must have a minimum of one (1) permanent opening that is below the BFE and no more than one (1) foot above finished grade. The openings shall provide a total net area of not less than one (1) square inch for every one (1) square foot of enclosed area subject to flooding below the BFE, or the design must be certified by a Registered P.E. as providing the equivalent performance in accordance with accepted standards of practice. Refer to FEMA TB 1, Openings in Foundation Walls and Walls of Enclosures, for additional guidance.
- Per FEMA TB 11, the crawlspace shall be designed so that:
 - The interior grade of the crawlspace floor below the FPE must not be more than two (2) feet below the lowest adjacent grade.
 - The interior height of the crawlspace measured from the interior grade of the crawl to the top of the foundations wall must not exceed four (4) feet at any point.
 - An adequate drainage system must be installed to remove floodwaters from the interior area of the crawlspace within a reasonable period of time after a Flood event.
 - The velocity of floodwater at the site shall not exceed 5 feet per second.
- Portions of the Building below the FPE must be constructed with materials resistant to Flood damage.
- Utility systems within the crawlspace must be elevated above the FPE.

C. The lowest floor (including basement) of New Construction of nonresidential buildings, and Substantial Improvement of nonresidential Buildings, must either (1) be elevated to or above the FPE, subject to the more specific additional requirements of Section 8 above; or (2) be structurally dry-floodproofed (in lieu of elevation), provided a Registered P.E. or architect submits a FEMA Floodproofing Certificate, documenting that the Registered P.E. or architect developed and/or reviewed the structural design, specifications, and plans for construction, and that the engineer or architect certifies that the design and methods of construction are in accordance with accepted standards of practice for meeting the requirements of ASCE 24-14 and the requirements listed below:

- C1. Below the FPE, the Building and attendant utility and sanitary facilities are watertight with walls substantially impermeable to the passage of water and structural components capable of resisting hydrostatic and hydraulic loads and the effects of buoyancy.
- C2. The Building design accounts for Flood velocities, duration, rate of rise, hydrostatic and hydrodynamic forces, the effects of buoyancy, and impact from debris and ice.
- C3. Flood proofing measures will be incorporated into the Building design and operable without human intervention and without an outside source of electricity.
- C4. The Building, utility, and sanitary facilities' design and construction will prevent the effect of sewer backup into the building.

- C5. Levees, berms, floodwalls and similar works are not considered Flood proofing for the purpose of this Ordinance.
- D. All placement of Manufactured Homes and or travel trailers, to be permanently installed on site for more than 180 consecutive days, shall be:
 - D1. Elevated to or above the FPE using a support and anchoring system, designed by a P.E. pursuant to 77 Ill. Adm. Code § 870.110.
 - D2. Anchored to resist flotation, collapse, or lateral movement by being tied down in accordance with the rules and regulations for the Illinois Mobile Home Tie-Down Act issued pursuant to 77 Ill. Adm. Code § 870.220.
- E. Travel trailers and Recreational Vehicles, on site for more than 180 consecutive days, shall meet the elevation requirement and anchoring requirements of Section 8.3.D. unless the following conditions are met:
 - E1. The vehicle must be either self-propelled or towable by a light duty truck.
 - E2. The vehicle must not be attached to any permanent additions or external Structures, such as decks and porches.
 - E3. The vehicle must be designed solely for recreation, camping, travel, or seasonal use rather than as a permanent dwelling.
 - E4. The vehicles having a total area not exceeding four hundred (400) square feet measured when all horizontal projections are fully expanded.
 - E5. The vehicle's wheels must remain on axles and have inflated tires.
 - E6. Any air conditioning units must be attached to the frame so as to be safe for movement out of the Floodplain.
 - E7. The vehicle must be attached to a site only by quick disconnect type utilities and security devices. Utility connections include, but are not limited to, propane tanks, electrical and sewage.
 - E8. The vehicle must be licensed and titled as a Recreational Vehicle or park model, and must either be entirely be supported by jacks, or have a hitch jack permanently mounted, have the tires touching the ground and be supported by block in a manner that will allow the block to be easily removed by use of the jacks/hitch jack.
- F. Garages, sheds or other minor Accessory Structures constructed ancillary to an existing residential use may be constructed with the Lowest Floor below the FPE provided the following conditions are met:
 - F1. The Building must be not be constructed and used for habitation, must not include areas intended or used for living, sleeping, eating, or cooking, and must not include bathrooms, toilet rooms, or shower rooms.
 - F2. All areas below the BFE shall be constructed with Flood-resistant materials.

- F3. The Building must be used only for the storage of vehicles and tools and cannot be modified later into another use.
- F4. The Building shall be located outside of the Designated Floodway unless the Building can be constructed and placed on a Building site so as not to block Flood flows nor reduce Floodway storage (Section 6), can also meet the Appropriate Use criteria of Section 6 and all other applicable requirements of this Ordinance.
- F5. All electrical lines, switches, receptacles, and fixtures must be located above the FPE except to the minimum extent required by applicable building or life-safety codes. Any switches, receptacles, and/or fixtures required by applicable building or life-safety codes to extend below the FPE shall be rated, or located in enclosures rated, for prolonged submersion.
- F6. No plumbing, heating, or air conditioning shall be permitted in garages, sheds, or other minor Accessory Structures allowed to be wet floodproofed under this subsection 9 in lieu of elevation.
- F7. The Building must have at least one permanent opening on each wall below the BFE and not more than one (1) foot above the finished, outside grade with one (1) square inch of opening for every one (1) square foot of floor area.
- F8. The Building must be less than fifteen thousand dollars (\$15,000) in market value or replacement cost whichever is greater or less than five hundred and seventy-six (576) square feet (24 feet x 24 feet).
- F9. The Building shall be anchored to resist floatation and overturning.
- F10. All flammable or toxic materials (gasoline, paint, insecticides, fertilizers, etc.) shall be stored above the FPE.
- F11. The Lowest Floor elevation should be documented, and the owner advised of the Flood insurance implications of building with the lowest Flood below the BFE.
- G. In Floodplain Zones AO and AH, drainage paths shall be provided around Buildings on sloped ground to guide water away from the Buildings.
- H. Existing Buildings located within a Designated Floodway shall also meet the more restrictive Appropriate Use standards included in Section 6. Non-conforming Buildings located in a Designated Floodway may remain in use and may only be enlarged, replaced or structurally altered in accordance with Section 6. A non-conforming Building damaged by Flood, fire, wind or other natural or man-made disaster may be restored unless the damage exceeds fifty percent (50%) of its market value before it was damaged, in which case it shall conform to this Ordinance.

- I. New Construction or Substantial Improvement of Critical Facilities shall be located outside the limits of the Floodplain. Construction of new Critical Facilities shall be permissible within the Floodplain if no feasible alternative site is available. Critical Facilities constructed within the SFHA shall have the Lowest Floor (including Basement) elevated or structurally dry floodproofed to the 0.2 percent chance Flood elevation or three feet above the BFE whichever is greater. Floodproofing and sealing measures must be taken to ensure that toxic substances will not be displaced by or released into floodwaters. Access routes elevated to or above the level of the BFE shall be provided to all Critical Facilities. As necessary, adequate parking, at or above the BFE, shall be provided for staffing of the Critical Facilities during a Flood.

Critical Facilities may include: emergency services facilities (such as fire and police stations), schools, sewage treatment plants, water treatment plants, sanitary pumping stations, hospitals, retirement homes, senior care facilities, major roads and bridges, critical utility sites (telephone switching stations or electrical transformers), and hazardous material storage facilities (chemicals, petrochemicals, hazardous or toxic substances).

9. SUBDIVISION REQUIREMENTS:

The Village Board of Trustees shall take into account Flood hazards, to the extent that they are known in all official actions related to land management, use and Development.

- A. New subdivisions, Manufactured Home parks, annexation agreements, and Planned Unit Developments within the Floodplain shall be reviewed to assure that the proposed Developments are consistent with Sections 6, 7, 8 and 9 of this Ordinance and the need to minimize Flood damage. Plats or plans for new subdivisions, Manufactured Home parks and Planned Unit Developments shall include a signed statement by a Registered P.E. that the plat or plans account for changes in the drainage of surface waters in accordance with the Plat Act (765 ILCS 205/2).
- B. Proposals for new subdivisions, Manufactured Home parks, travel trailer parks, Planned Unit Developments and additions to Manufactured Home parks and additions to subdivisions shall include BFE data and Floodway delineations. Where this information is not available from an existing adopted study, the Applicant's engineer shall be responsible for calculating the BFE per Section 4 and the Floodway delineation per the definition in Section 2.
- C. Streets, blocks, lots, parks and other public grounds shall be located and laid out in such a manner as to preserve and utilize natural streams and Channels. Wherever possible, the Floodplains shall be included within parks or other public grounds.
- D. The Village Board of Trustees shall not approve any Planned Unit Development or plat of subdivision located outside the corporate limits unless such agreement or plat is in accordance with the provisions of this Ordinance.
- E. All public utilities and facilities, such as sewer, gas, electrical and water systems, must be located and constructed to minimize or eliminate Flood damage.

10. VARIANCES:

- A. No variances shall be granted within a Designated Floodway, as defined in Section 3, if any increase in Flood levels would result.
- B. Whenever the standards of this Ordinance place undue hardship on a specific Development proposal, the Applicant may apply to the Village Planning Commission for a variance. The Planning Commission shall review the Applicant's request for a variance and shall submit its recommendation to the Village Board. The Village may attach such conditions to granting of a variance as it deems necessary to further the Flood protection intent of this Ordinance.
- C. No variance shall be granted unless the Applicant demonstrates, and the Planning Commission finds, that all of the following conditions are met:
 - C1. The Development activity cannot be located outside the Floodplain.
 - C2. An exceptional hardship would result if the variance were not granted.
 - C3. The variance granted is the minimum necessary, considering the Flood hazard, to afford relief.
 - C4. There will be no additional threat to public health or safety, destruction of beneficial stream uses and functions including, aquatic habitat, creation of a nuisance, causation of fraud on or victimization of the public, or conflict with existing local laws or ordinances.
 - C5. There will be no additional public expense for Flood protection, lost environmental stream uses and functions, rescue or relief operations, policing, or repairs to streambeds and banks, roads, utilities, or other public facilities; and
 - C6. The provisions of Sections 6 and 8 of this Ordinance shall still be met; and
 - C7. The Applicant's circumstances are unique and do not establish a pattern inconsistent with the intent of the NFIP; and
 - C8. All other required state and federal permits or waivers have been obtained.
- D. The Director of Community Development shall notify an Applicant in writing that a variance from the requirements of Section 8 that would lessen the degree of protection to a Building will:
 - D1. Result in increased premium rates for Flood insurance up to amounts as high as \$25 per \$100 of insurance coverage; and
 - D2. Increase the risks to life and property; and
 - D3. Require that the Applicant proceed with knowledge of these risks and that the Applicant will acknowledge in writing the assumption of the risk and liability.

- E. Variances requested in connection with restoration of a historic site or Historic Structure, may be granted to allow repair or rehabilitation of Historic Structures using criteria more permissive than the requirements of Sections 10.C. and 10.D. subject to the conditions that:
 - E1. The variance is the minimum necessary to preserve the historic character and design of the Building; and
 - E2. The repair or rehabilitation will not preclude the Building's continued designation as a Historic Structure.
- F. The findings of fact and conclusions of law made by the Planning Commission according to Section 10.C., the notifications required by Section 10.D., and a record of hearings and evidence considered as justification for the issuance of all variances from this ordinance shall be maintained by the Village in perpetuity.

11. DISCLAIMER OF LIABILITY:

The degree of Flood Protection required by this Ordinance is considered reasonable for regulatory purposes and is based on available information derived from engineering and scientific methods of study. Larger Floods may occur, or Flood heights may be increased by man-made or natural causes. This Ordinance does not imply that Development, either inside or outside of the Floodplain, will be free from flooding or damage. This Ordinance does not create liability on the part of the Village or any officer or employee thereof for any Flood damage that results from reliance on this Ordinance or any administrative decision made lawfully thereunder.

12. PENALTY:

- A. Failure to obtain a permit for Development in the Floodplain or failure to comply with the conditions of a permit or a variance shall be deemed to be a violation of this Ordinance. Upon due investigation, the Village Attorney may determine that a violation of the minimum standards of this Ordinance exists. The Director of Community Development shall notify the owner in writing of such violation. In order to document receipt, this notice shall be sent by certified mail.
- B. If such owner fails, after ten days from the date the written notice is issued, to correct the violation:
 - B1. The Village may make application to the Circuit Court for an injunction requiring conformance with this Ordinance or make such other order as the Court deems necessary to secure compliance with the Ordinance.
 - B2. Any person who violates this Ordinance shall, upon conviction thereof, be fined not less than fifty dollars (\$50.00) or more than seven hundred fifty dollars (\$750) for each offense.
 - B3. A separate offense shall be deemed committed upon each day during or on which a violation occurs or continues.
 - B4. The Village shall record a notice of violation on the title to the property.

- C. The Director of Community Development shall inform the owner that any such violation is considered a willful act to increase Flood damages and, therefore may cause coverage by a Standard Flood Insurance Policy to be suspended.
 - C1. The Building Development is authorized to issue an order requiring the suspension of the subject Development. The stop-work order shall be in writing, shall indicate the reason for the issuance, and shall order the action, if necessary, to resolve the circumstances requiring the stop-work order. The stop-work order constitutes a suspension of the permit.
 - C2. No site Development permit shall be permanently suspended or revoked until a hearing is held by the Village Board. Written notice of such hearing shall be served on the permittee and shall state: (1) the grounds for complaint or reasons for suspension or revocation; and (2) the time and place of the hearing. At such hearing, the permittee shall be given an opportunity to present evidence on his/her behalf. At the conclusion of the hearing, the Village Board shall determine whether the permit shall be suspended or revoked.
- D. Nothing herein shall prevent the Village from taking such other lawful action to prevent or remedy any violations. All costs connected therewith shall accrue to the person or persons responsible.

13. ARBROGATION AND GREATER RESTRICTIONS:

This Ordinance repeals and replaces other Ordinances adopted by the Village Board to fulfill the requirements of the NFIP.

However, this Ordinance does not repeal the original resolution or Ordinance adopted to achieve eligibility in the program. Nor does this Ordinance repeal, abrogate, or impair any existing annexation agreements, easements, covenants, or deed restrictions. Where this Ordinance and other Ordinance easements, covenants or deed restrictions conflict or overlap, whichever imposes the more stringent restrictions shall prevail.

14. SEVERABILITY:

The provisions and sections of this Ordinance shall be deemed separable and the invalidity of any portion of this Ordinance shall not affect the validity of the remainder.

15. EFFECTIVE DATE:

This Ordinance shall be in full force and effect from and after its passage and approval and publication, as required by law.

Passed by the Village Board of the Village of Tinley Park, Illinois, this _____ day of _____, 2019

Clerk

Approved by me this _____ day of _____, 2019

Mayor

Attested and filed in my office this _____ day of _____, 2019



Interoffice Memo

Date: September 3, 2019

To: David Niemeyer, Village Manager

From: John Urbanski, Assistant Public Works Director

Subject: Oak Park Ave. Train Station Warming Shelter

Presented for September 10, 2019 Public Works Committee discussion and possible action:

Description:

March 3, 2019 PW Committee discussed the need for a warming shelter and the lack of storage offered at the Oak Park Ave. Train Station. This structure is recommended to be placed on the North side adjacent to the train tracks. We will see the ability to house commuters along with offering the needed storage for the facility and vendor. PW Committee approved an IGA with Metra offering \$75,000 reimbursement towards this project and a possible reduction in safety flagger's fees for the project.

Background:

Since approval to proceed with the Metra IGA has been finalized, it is now the request of Public Works for the committee to approve a procurement method. As seen in the attached documentation, two methods have been recommended:

- Hire FGM Architects (current fire station architects) at a cost of:
 - Previous Estimate \$202,000
 - Contingency (15%) \$30,000
 - A/E Fees \$30,400 (as seen in proposal)
 - Soil Borings/ Survey \$6,000
 - Metra Flagger Costs \$2,000
 - **TOTAL ESTIMATED PROJECT \$270,400**

- Utilize concept drawings and JOC Method at the proposal cost of:
 - **Proposal cost as seen in attachment \$265,000**

Budget/ Finance:

The estimated cost of the structure is \$250,000 with the village share at \$175,000.00 or about 70% of the project cost. Funds have been allocated for this project in the current budget.

Staff Direction Request:

1. The Public Works Committee approval of one procurement method as described to begin the process for construction of the warming and storage facility.

Attachments:

1. Warming Shelter / Storage Facility Concept Drawings & Details
2. FGM Proposal
3. JOC Proposal



May 9, 2019

Village of Tinley Park
Attn: John Urbanski
16250 S. Oak Park Ave
Tinley Park, IL 60477

RE: Metra Station Warming Shelter

Dear Mr. Urbanski:

FH Paschen has visited the project site with the Village of Tinley Park and agreed to the following scope of work, and the current existing conditions. We are pleased to present the following scope and budget for your review.

Scope of Work

- Provide project performance and payment bond.
- Provide and set up temporary construction fencing around project site.
- Excavate, form, and pour warming shelter footings and foundation walls. Concrete wall to extend above grade at warming shelter area per concept sketch.
- Form and pour concrete slab for shelter and storage area
- Backfill foundation up to grade.
- Wood frame storage room walls with dens glass gold sheathing on exterior side, fire treated plywood on interior side, and batt insulation in wall cavities.
- Wood posts and headers/top plate at warming shelter area.
- Wood trusses at 24" OC across warming shelter and storage area with treated plywood roof decking.
- Install framing for exterior soffit and install wood fascia.
- Supply and install double door entry at storage area
- Install brick veneer at storage area and stone veneer at ½ wall at warming shelter area. Stone veneer on exterior side only.
- Install aluminum break metal wrapping around wood posts and install aluminum glazing per concept sketch.
- Install architectural asphalt shingle roofing system, gutters and downspouts, aluminum soffits and fascia, and aluminum soffit material on underside of warming shelter area. Downspouts to grade and will not be connected to storm sewer.
- Furnish and install One (1) Three Phase Four Wire Panel, 100 Amp, 240 Volt Panel fed from directional bore feed furnished by Tinley Park within 3' of new building.
- Furnish and install One (1) 50-amp Cooper Plug to match existing for temporary power during events.
- Furnish and install Four (4) LED Light fixtures.
- Furnish and install power to Two (2) Unit Heaters furnished by others in the warming area.
- Furnish and install a power feed to the split unit in the storage area furnished by others.
- Furnish and install Two (2) receptacles in the warming area.
- Furnish and install Three (3) receptacles in the Storage area.
- Furnish and install Two (1) receptacles on the north outside wall.



- Furnish and install (1) PTAC unit for storage area.
- Furnish and install (3) ceiling mounted electric heaters in shelter area.
- Remove existing sign and mount on warming shelter.
- Clean up and removal of temp fencing.

Clarifications

- Tree removal is by owner.
- Tinley Park to bring electrical service to warming shelter.
- Architectural and/or engineering design costs are not included.
- **This proposal *excludes* any Permit Fee's, Rail Road Insurance, or Flagging Costs.**
- **This proposal *excludes* any landscape or hardscape restoration. Existing platform, brick pavers, curbs, and asphalt parking lot will all be damaged during excavation activities and installation of footing and frost wall.**
- This proposal *excludes* the removal and disposal of any hazardous material.
- This proposal *excludes* any unforeseen conditions that may arise.
- This proposal *excludes* any overtime or premium time, proposal is based on normal work hours.
- This proposal includes only the following items described in the above scope.

The budgeted cost to furnish and install the above referenced work is **Two Hundred Sixty Five Thousand Dollars, \$265,000.00**

Please review this information at your earliest possible convenience and advise us as to how you wish to proceed. All required documents will be submitted at your request. If you have any questions or concerns, please do not hesitate to call.

Respectfully,

Dan Zivilik
Project Manager

Cc: File

FGM ARCHITECTS

August 12, 2019

Mr John Urbanski
Assistant Public Works Director
Village of Tinley Park
16250 Oak Park Avenue
Tinley Park, IL 60477

Re: Architectural Services for Warming Shelter at (East) Train Station

Dear Mr. Urbanski:

Thank you for contacting us to discuss how we can assist the Village of Tinley Park on a warming shelter for the westbound train traffic.

We have enclosed a copy of our proposal for your review. Should you have any questions regarding the enclosed proposal or require additional information please let us know. We look forward to working with the Village of Tinley Park on this project.

Sincerely,

FGM Architects Inc.



Jason Estes, AIA
Principal
630.574.8714
jasone@fgmarchitects.com

FGM ARCHITECTS

Proposal for

Architectural Services

for

Architectural Services for Warming Shelter at (East) Train Station
Tinley Park, Illinois

Submitted to:

Mr. John Urbanski
Assistant Public Works Director
Village of Tinley Park
16250 Oak Park Avenue
Tinley Park, IL 60477

By:

FGM ARCHITECTS INC.
1211 West 22nd Street, Suite 700
Oak Brook, IL 60523

August 12, 2019

FGM ARCHITECTS

1.0 SCOPE OF PROJECT

- 1.1 The Village of Tinley Park, hereinafter referred to as the Owner, intends to construct a new warming shelter for westbound train traffic at their Eastern Train Station. The facility was partially designed under a separate architect, taken into Design Development. A preliminary budget was also completed under the separate architect. These plans and budget are included at the end of this proposal for reference and basis of project scope.
- 1.2 The scope of the project will include the following:
 - 1.2.1 Architectural Design, Structural engineering, & MEP engineering of a warming shelter and storage room.
 - 1.2.2 Development of a delegated design for a prefabricated shelter manufacturer for bidding and construction.
- 1.3 It is unknown what approvals are required for the Project (i.e. plan commission, zoning hearings, village board meetings, Metra, etc.). Meetings with municipal staff to determine requirements are included in our services. Attendance at said meetings as part of a formal review process are not currently included in our Proposal.
- 1.4 The Village would like FGM to provide drawings and specifications so Public Works can bid the project.
- 1.5 The project schedule has not been discussed, but it is understood that the Owner would like to begin and complete soon. FGM will work with Owner to prepare bid documents within the Village's reasonable schedule.
- 1.6 This Project will be delivered via a Design-Bid-Build process with a General Contractor eventually being selected to construct the facility.

2.0 SCOPE OF ARCHITECT'S SERVICES

FGM Architects Inc., hereinafter referred to as FGM or Architect, shall provide the following professional Architectural services for the Project:

2.1 Design Services

2.1.1 Design Development Phases

- .1 It is anticipated that the provided plans and images developed under a separate architect meets the Village's needs and that design may progress based upon that information.
- .2 Further develop Design Development for the project, filling in the current gaps and providing solutions that meet the Village's standards.
- .3 FGM shall provide input regarding landscape, structural, mechanical, electrical, and plumbing systems to the Owner. Civil engineering is not included in this proposal, as it is anticipated to not be necessary.

2.1.2 Construction Document Phase

- .1 Architect shall generate plans and specifications establishing scope of work required for the warming shelter.
- .2 Owner will provide legal "front end" bidding requirements and bid form. FGM will assist as required.

FGM ARCHITECTS

- .3 FGM will provide electronic documents for permit to the Village for submission. It is assumed that the Village will handle the permit process for this project.
- 2.2 Bidding or Negotiation Phase
 - .1 FGM understands that the bidding and negotiation phase will be administered by the Village of Tinley Park.
 - .2 FGM will assist the Owner in bidding by attending the prebid and help evaluate and vet received bids.
- 2.3 Contract Administration Services
 - .1 FGM will provide assistance reviewing shop drawings and submittals as forwarded by the Owner. FGM is attempting to minimize scope in this phase of service. We offer that any site visits or field inspections required be authorized by Owner prior to attendance by FGM, and that they be on an hourly basis. If it is preferred that these limited visits be included in service fee, an alternate fee is listed below to cover 5 site visits, including punchlist. Otherwise, FGM understands that the remainder of the contract administration services will be administered by the Village of Tinley Park.
- 2.4 Consultants
 - .1 FGM has included structural, mechanical, plumbing and electrical engineering consultants as part of this proposal to be compensated for as indicated below. Architecture and Landscape Architecture services are provided in-house by FGM.
 - .2 Topographical and Boundary Survey, Plat of Consolidation or Sub-division, material testing, hazardous waste engineering services and traffic/parking studies are not included in our proposal. FGM will coordinate with any consultants hired by the Owner.
 - .1 It is anticipated that the Owner will provide a topographic survey of the area that would include any easements, utilities, trees, and other permanent elements to aid design
- 3.0 ARCHITECT'S COMPENSATION

The Owner shall compensate FGM Architects for professional Architectural services rendered in connection with the Project under this Proposal as follows:
- 3.1 For all professional services in connection with the Design Services, as defined in this proposal, we propose a Stipulated Sum Fee of \$30,400 plus Reimbursable Expenses. If the site visits in Construction Administration is desired to be included initially, increase the fee by \$4,500 to a new total of \$34,900. Hourly rates are described in the attached Hourly Rate Schedule for the professional and technical employees engaged on the Project. Local travel (travel less than 100 miles), phone, fax, and printing of review sets for design coordination shall not be charged as a Reimbursable Expense. Mileage during site visits in Construction Administration will be reimbursed and applied to the overall budget.
 - .1 Fees breakdown for Architectural Services are as follows:
 - .1 Architect (FGM) \$18,900
(40 hours DD, 64 hours CD, 20 hours BN, 30 hours CA)

FGM ARCHITECTS

.2	Structural Engineer	\$4,500
.3	MEP Engineer	\$7,000
<hr/>		
.4	Total	\$30,400

- 3.2 For any Additional Services authorized by the Owner beyond the scope of this Proposal FGM shall be compensated on the basis of the hourly rates described in the attached Hourly Rate Schedule for the professional and technical employees engaged on the Project plus Reimbursable Expenses. Consultants (if any) Hourly Billing Rate Schedule for the Project shall be forwarded to Owner upon Owner's request.
- 3.3 In addition to the compensation above, FGM shall be reimbursed for additional expenses in connection with the Project, invoiced to the Owner at One Hundred Ten Percent (1.10) times Architect's actual direct cost of same, for the below items.
- .1 Expense of postage and/or delivery.
 - .2 Expense of Contract Document printing for permit submittal.
 - .3 Any fees paid by FGM to authorities having jurisdiction over the project with Owner's prior approval.
 - .4 Excluded is the expense of Contract Document printing for bidding and construction purposes.
- 3.4 If specialty consultants are required, FGM shall be reimbursed for consultant expenses in connection with the Project, invoiced to the Owner at One Hundred Ten Percent (1.10) times Architect's actual direct cost of same.
- 3.5 Payments: Our standard office policy for invoicing services rendered is once a month. We request payment within 30 days of receipt of our invoice.
- 3.6 Non-payment of invoices shall constitute grounds for discontinuing service.
- 4.0 Form of Agreement
- 4.1 Should our proposal be acceptable, it is our intention to enter into a formal agreement using AIA Document B104 Standard Form of Agreement Between Owner and Architect for a Project of a Limited Scope with modifications as mutually agreeable.

We appreciate this opportunity to be of service to the Village of Tinley Park and the Tinley Park Police Department for this Project.

FGM ARCHITECTS

HOURLY RATE SCHEDULE

Effective November 1, 2018*

Where the fee arrangements are to be on an hourly basis, the rates shall be those that prevail at the time services are rendered.

Principal (Board of Directors)	\$250.00
Arch IV	\$185.00
Arch III	145.00
Arch II	115.00
Arch I	90.00
Intern	65.00
Interior Designer IV	\$175.00
Interior Designer III	170.00
Interior Designer II	105.00
Interior Designer I	85.00
Project Administrator III	\$110.00
Project Administrator II	85.00
Project Administrator I	75.00

**Rates are subject to adjustment each November 1st.*

February 15, 2015

VIA Email

Village of Tinley Park
Village Hall
Mr. John Urbanski
16250 S. Oak Park Ave.
Tinley Park, IL 60477

Re: Oak Park Avenue Metra Station
Warming Shelter / Storage Building
Cost Estimate

Dear John:

Legat Architects has completed a preliminary design for the Warming Shelter /Storage Building for the Oak Park Ave Metra station. The purpose of the study was to develop preliminary ideas for the design of the building and along with associated preliminary cost estimate. The preliminary design (location size, and aesthetics) for the project was approved (see attached) and preliminary discussions were had with a prefabricated shelter manufacturer about the detailing of the building. The manufacturer, Brasco, provided a verbal preliminary estimate of costs. Below is a preliminary evaluation of potential costs for the project for your budgeting purposes.

PROJECT ESTIMATED COSTS

• Prefabricated Shelter / Storage Building	\$65,000
• Crane	\$4,500
• Site Demolition	\$1,000
• Excavation	\$1,500
• Concrete Foundation w/ formliner and Slabs	\$10,000
• Electrical Service	\$15,000
• Electrical power and Lighting	\$5,000
• Electrical Heating	\$7,000
• Exterior Storage Building Walls	\$20,000
• Doors and Hardware	\$3,500
• Benches	\$1,500
• Site Restoration	\$5,000
	<hr/>
	Subtotal \$139,000
	Contingency (15%) \$21,000
	Fees (9%) \$13,000
	Soil Borings \$3,000
	Permit Fee (2%) \$3,000
	<hr/>
	Total Project Costs \$179,000

Village of Tinley Park Oak Park Avenue Metra Station Improvements
Warming Shelter / Storage Building
February 15, 2015
Page 2 of 2

The estimated costs outlined above are very preliminary and will need to be further confirmed as the project is developed

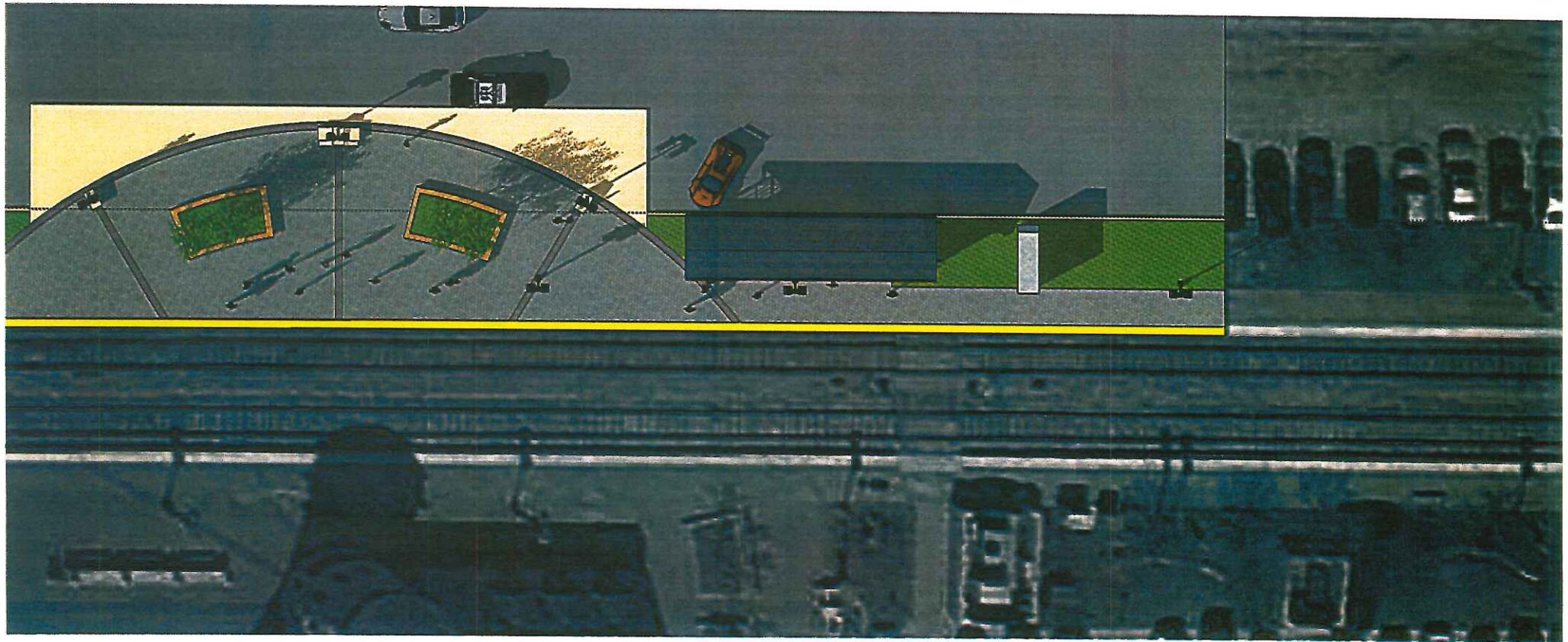
If you have any questions regarding this preliminary estimate, please contact me at your earliest convenience.

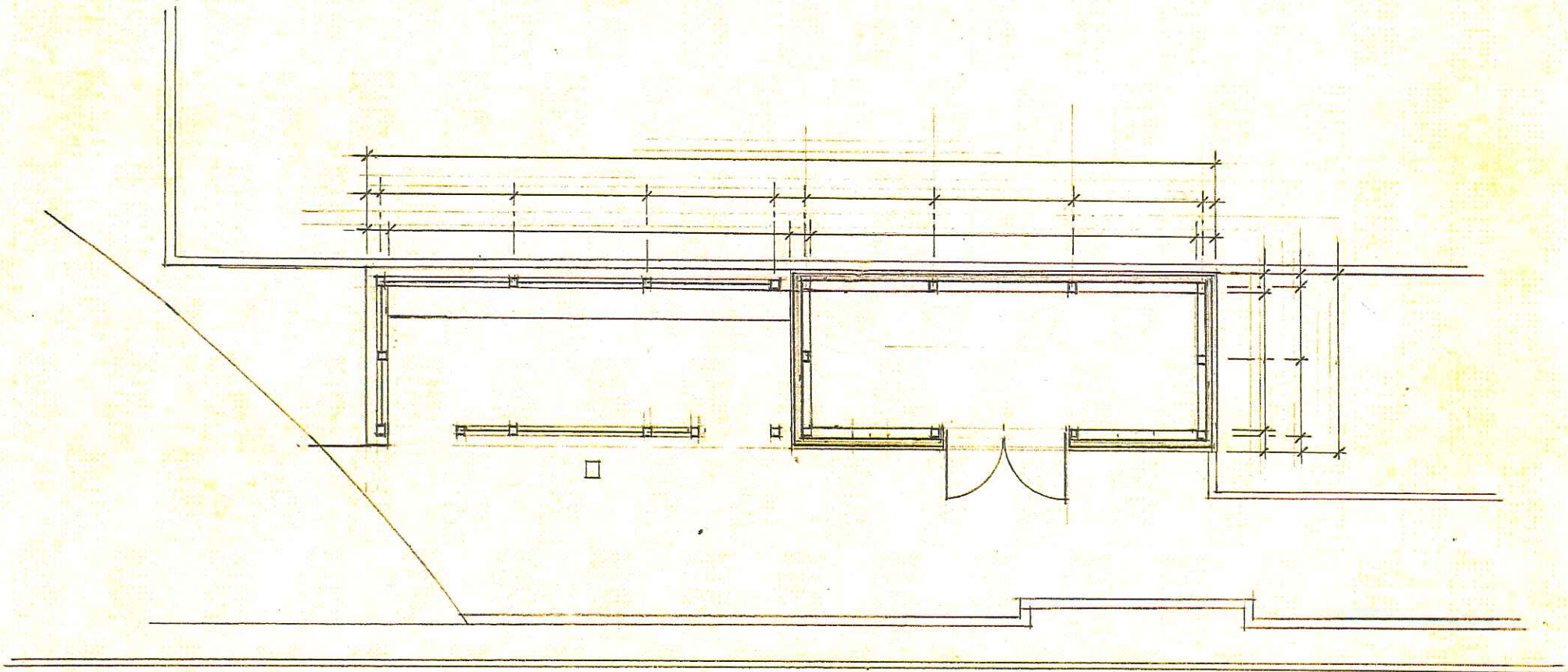
Sincerely,

A handwritten signature in black ink that reads "Ted Haug". The signature is fluid and cursive, with the first name "Ted" and last name "Haug" clearly legible.

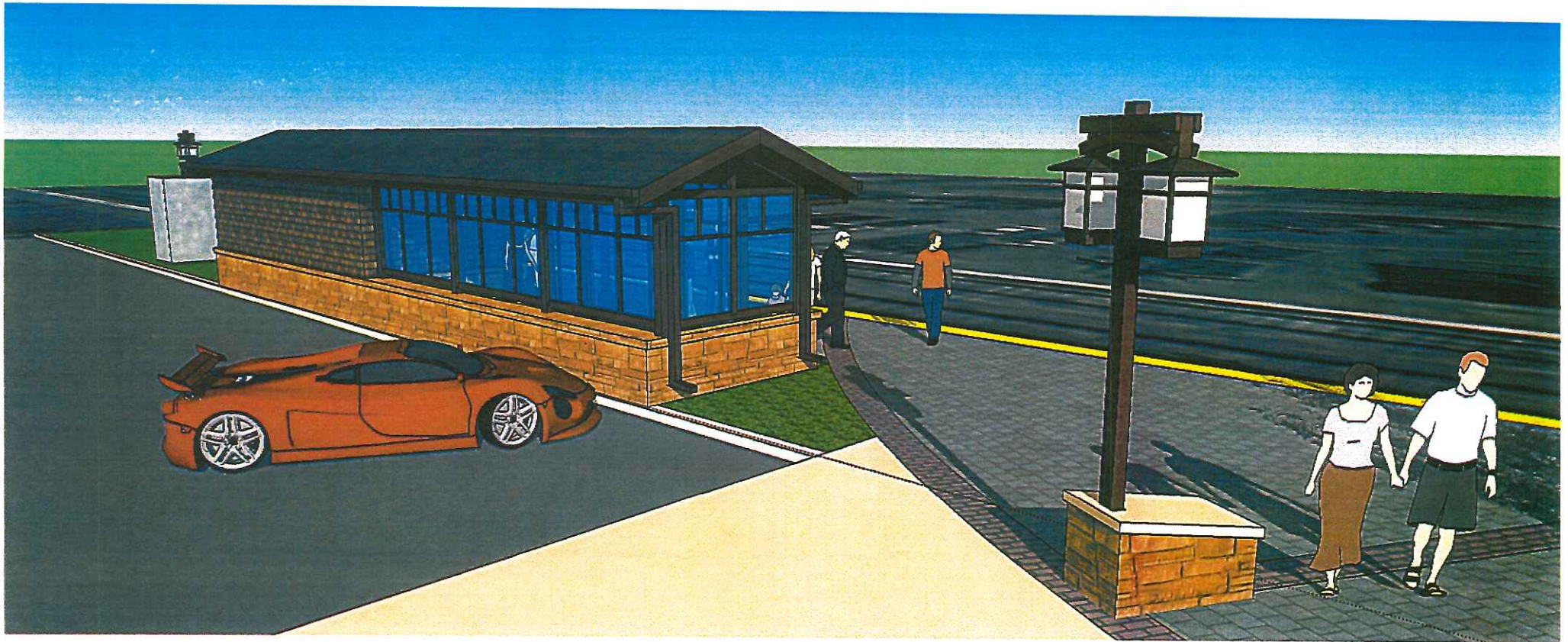
Ted Haug, AIA, LEED AP
TOH

FILENAME OP Ave Shelter Costs 2.doc



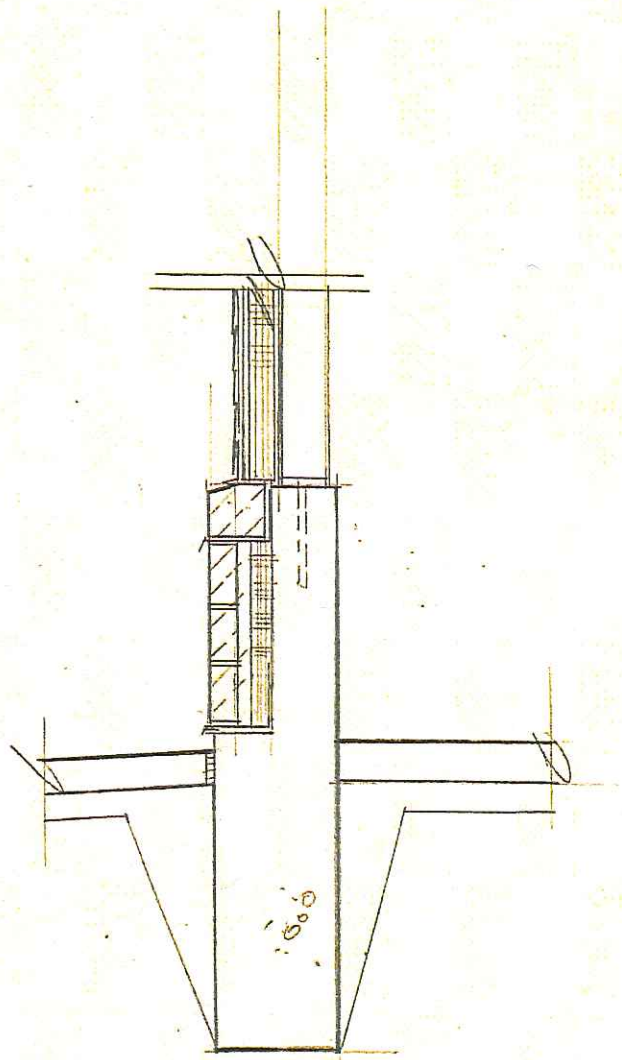
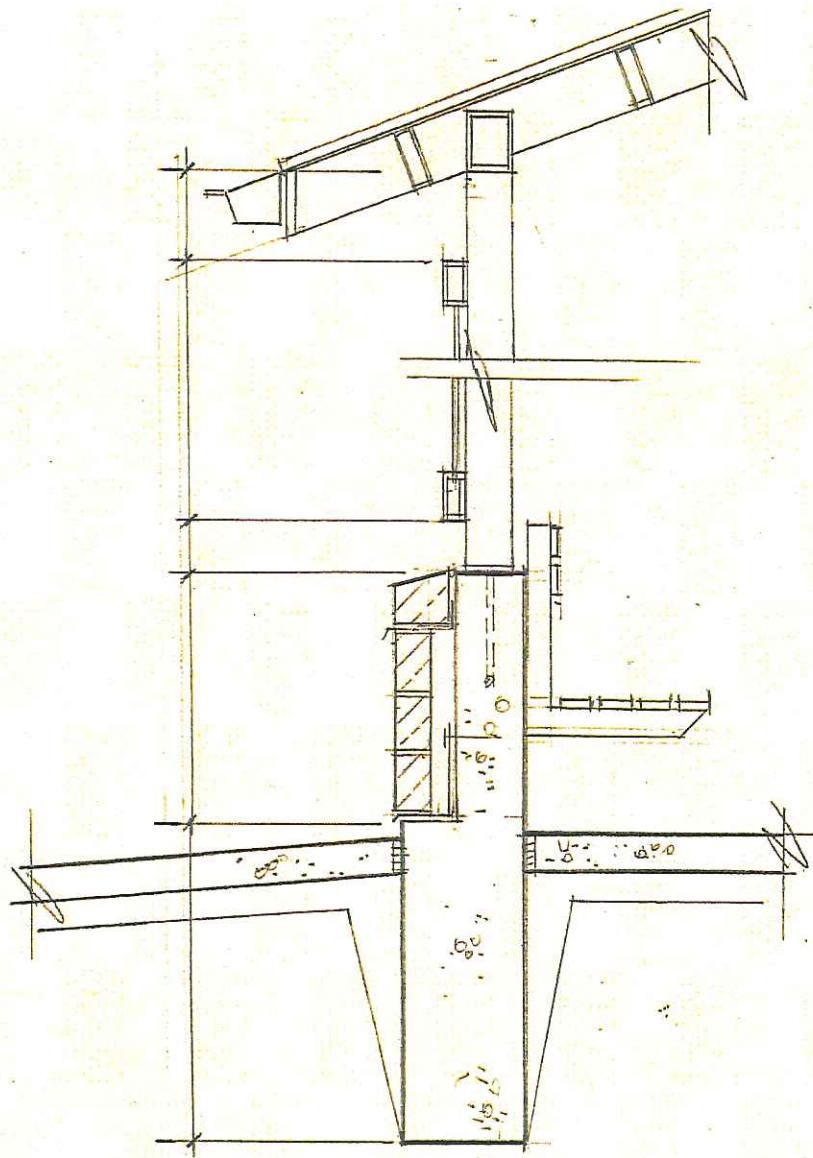












To: David Niemeyer, Village Manager
From: Christopher J. King, PE, Village Engineer

Date: September 5, 2019

Project/Subject: 80th Avenue – 191st St to 183rd St

Project No: 08-545

A lot has changed since the August 13, 2019 Public Works Committee. At that meeting, Robinson Engineering provided an overview to the PW Committee of the aesthetic treatments the village has requested as part of the improvements of 80th Avenue from 191st Street to 183rd Street. The Public Works committee also approved Robinson Engineering for the Phase 2 design engineering upon IDOT's approval of the agreement. The committee was advised that the project was not selected for funding by CMAP in the regional project call.

Since that time, the Village has been advised that the Will County Highway Department has decided to move the project forward and has secured a combination of funding partners for the construction and is targeting a November 2020 project bid letting. **GOOD NEWS INDEED!** This places an urgency on the village's portion of the design engineering (the intersection of 191st Street and 80th Ave). With the county moving forward, the village portion will be added the counties and be part of one larger construction contract. We would expect some economy of scale and savings. The federal funding for the intersection will be rolled forward into the county project and we will leverage our share to help pay for portions of the enhancement that are eligible for federal funding, such as the bike path. That is an additional savings of 80% toward some of our desired elements.

The recommendation is to modify the federal funding request and move our allocated intersection funding all towards construction and for the village to move forward on locally funding the design work. It is important to note that we do not lose this funding, its simply shifts to the construction phase and will be used to offset the village's required share of construction. We pay more now and less later (of an equal or greater amount). During construction, on the bike path alone, the village may accrue savings of almost \$750,000 (80% with use of federal dollars) with this approach.

The treasurer has reviewed the village's ability to fund this gap and has indicated that funding is feasible. The PW committee is asked to approve the funding changes and recommend the village board to locally fund the intersection engineering. A copy of the agreement is attached for the Board approval and has been revised from the federal format.

BUDGET. Phase 2 Engineering by Robinson \$296, 204. Services by others: \$40,139 (soil borings, ROW appraisals, titles) ROW purchase: TBD (The village is responsible for the needed ROW south of 191st Street. This land is subject to an annexation agreement and we will start conversations with the developer.) ROW will need to be cleared by July 2020. Total budgeted amount over the next 12 months \$337,888

SCHEDULE. Time is of the essence as the intersection design will be melded with Will County's roadway and bridge plans. We will commit to meeting the deadlines to meet the November 2020 bid letting and will begin coordination with Will County immediately.

Municipality VILLAGE OF TINLEY PARK	L O C A L A G E N C Y	 Illinois Department of Transportation Preliminary Engineering Services Agreement For Motor Fuel Tax Funds	C O N S U L T A N T	Name ROBINSON ENGINEERING
Township FRANKFORT				Address 17000 SOUTH PARK AVE
County COOK AND WILL				City SOUTH HOLLAND
Section 18-00121-00-CH				State IL

THIS AGREEMENT is made and entered into this _____ day of _____, 2019 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement of the above SECTION. Motor Fuel Tax Funds, allotted to the LA by the State of Illinois under the general supervision of the State Department of Transportation, hereinafter called the "DEPARTMENT", will be used entirely or in part to finance ENGINEERING services as described under AGREEMENT PROVISIONS.

Section Description

Name 80TH AVENUE

Route FAU 2755 Length 0.50 Mi. 2640.00 FT (Structure No. _____)

Termini @ 191ST STREET

Description:

Phase II Preliminary Engineering for the channelization of the intersection of 80th Avenue at 191st Street with traffic signals, street lighting, pavement widening, multiuse path, and associated appurtenances

Agreement Provisions

The Engineer Agrees,

1. To perform or be responsible for the performance of the following engineering services for the LA, in connection with the proposed improvements herein before described, and checked below:
 - a. Make such detailed surveys as are necessary for the preparation of detailed roadway plans
 - b. Make stream and flood plain hydraulic surveys and gather high water data, and flood histories for the preparation of detailed bridge plans.
 - c. Make or cause to be made such soil surveys or subsurface investigations including borings and soil profiles and analyses thereof as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations are to be made in accordance with the current requirements of the DEPARTMENT.
 - d. Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement.
 - e. Prepare Army Corps of Engineers Permit, Department of Natural Resources-Office of Water Resources Permit, Bridge waterway sketch, and/or Channel Change sketch, Utility plan and locations, and Railroad Crossing work agreements.
 - f. Prepare Preliminary Bridge design and Hydraulic Report, (including economic analysis of bridge or culvert types) and high water effects on roadway overflows and bridge approaches.
 - g. Make complete general and detailed plans, special provisions, proposals and estimates of cost and furnish the LA with five (5) copies of the plans, special provisions, proposals and estimates. Additional copies of any or all documents, if required, shall be furnished to the LA by the ENGINEER at his actual cost for reproduction.
 - h. Furnish the LA with survey and drafts in quadruplicate of all necessary right-of-way dedications, construction easement and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.

Note: Four copies to be submitted to the Regional Engineer

- i. Assist the LA in the tabulation and interpretation of the contractors' proposals
 - j. Prepare the necessary environmental documents in accordance with the procedures adopted by the DEPARTMENT's Bureau of Local Roads & Streets.
 - k. Prepare the Project Development Report when required by the DEPARTMENT.
- (2) That all reports, plans, plats and special provisions to be furnished by the ENGINEER pursuant to the AGREEMENT, will be in accordance with current standard specifications and policies of the DEPARTMENT. It is being understood that all such reports, plats, plans and drafts shall, before being finally accepted, be subject to approval by the LA and the DEPARTMENT.
- (3) To attend conferences at any reasonable time when requested to do so by representatives of the LA or the Department.
- (4) In the event plans or surveys are found to be in error during construction of the SECTION and revisions of the plans or survey corrections are necessary, the ENGINEER agrees that he will perform such work without expense to the LA, even though final payment has been received by him. He shall give immediate attention to these changes so there will be a minimum delay to the Contractor.
- (5) That basic survey notes and sketches, charts, computations and other data prepared or obtained by the Engineer pursuant to this AGREEMENT will be made available, upon request, to the LA or the DEPARTMENT without cost and without restriction or limitations as to their use.
- (6) That all plans and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by him and will show his professional seal where such is required by law.

The LA Agrees,

1. To pay the ENGINEER as compensation for all services performed as stipulated in paragraphs 1a, 1g, 1i, 2, 3, 5 and 6 in accordance with one of the following methods indicated by a check mark:
- a. A sum of money equal to 0.00 ^{SEE EXHIBIT A} percent of the awarded contract cost of the proposed improvement as approved by the DEPARTMENT.
 - b. A sum of money equal to the percent of the awarded contract cost for the proposed improvement as approved by the DEPARTMENT based on the following schedule:

Schedule for Percentages Based on Awarded Contract Cost

Awarded Cost	Percentage Fees	
Under \$50,000	_____	(see note)
	_____	%
	_____	%
	_____	%
	_____	%
	_____	%

Note: Not necessarily a percentage. Could use per diem, cost-plus or lump sum.

2. To pay for services stipulated in paragraphs 1b, 1c, 1d, 1e, 1f, 1h, 1j & 1k of the ENGINEER AGREES at actual cost of performing such work plus 130 percent to cover profit, overhead and readiness to serve - "actual cost" being defined as material cost plus payrolls, insurance, social security and retirement deductions. Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost. Subject to the approval of the LA, the ENGINEER may sublet all or part of the services provided under the paragraph 1b, 1c, 1d, 1e, 1f, 1h, 1j & 1k. If the ENGINEER sublets all or part of this work, the LA will pay the cost to the ENGINEER plus a five (5) percent service charge.

"Cost to Engineer" to be verified by furnishing the LA and the DEPARTMENT copies of invoices from the party doing the work. The classifications of the employees used in the work should be consistent with the employee classifications for the services performed. If the personnel of the firm, including the Principal Engineer, perform routine services that should normally be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the work performed.

3. That payments due the ENGINEER for services rendered in accordance with this AGREEMENT will be made as soon as practicable after the services have been performed in accordance with the following schedule:
 - a. Upon completion of detailed plans, special provisions, proposals and estimate of cost - being the work required by paragraphs 1a through 1g under THE ENGINEER AGREES - to the satisfaction of the LA and their approval by the DEPARTMENT, 90 percent of the total fee due under this AGREEMENT based on the approved estimate of cost.
 - b. Upon award of the contract for the improvement by the LA and its approval by the DEPARTMENT, 100 percent of the total fee due under the AGREEMENT based on the awarded contract cost, less any amounts paid under "a" above.

By Mutual agreement, partial payments, not to exceed 90 percent of the amount earned, may be made from time to time as the work progresses.

4. That, should the improvement be abandoned at any time after the ENGINEER has performed any part of the services provided for in paragraphs 1a, through 1h and prior to the completion of such services, the LA shall reimburse the ENGINEER for his actual costs plus 130 percent incurred up to the time he is notified in writing of such abandonment - "actual cost" being defined as in paragraph 2 of THE LA AGREES.
5. That, should the LA require changes in any of the detailed plans, specifications or estimates except for those required pursuant to paragraph 4 of THE ENGINEER AGREES, after they have been approved by the DEPARTMENT, the LA will pay the ENGINEER for such changes on the basis of actual cost plus 130 percent to cover profit, overhead and readiness to serve - "actual cost" being defined as in paragraph 2 of THE LA AGREES. It is understood that "changes" as used in this paragraph shall in no way relieve the ENGINEER of his responsibility to prepare a complete and adequate set of plans and specifications.

It is Mutually Agreed,

1. That any difference between the ENGINEER and the LA concerning their interpretation of the provisions of this Agreement shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER, one member appointed by the LA and a third member appointed by the two other members for disposition and that the committee's decision shall be final.
2. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at his last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all surveys, permits, agreements, preliminary bridge design & hydraulic report, drawings, specifications, partial and completed estimates and data, if any from traffic studies and soil survey and subsurface investigations with the understanding that all such material becomes the property of the LA. The ENGINEER shall be paid for any services completed and any services partially completed in accordance with Section 4 of THE LA AGREES.
3. That if the contract for construction has not been awarded one year after the acceptance of the plans by the LA and their approval by the DEPARTMENT, the LA will pay the ENGINEER the balance of the engineering fee due to make 100 percent of the total fees due under this AGREEMENT, based on the estimate of cost as prepared by the ENGINEER and approved by the LA and the DEPARTMENT.
4. That the ENGINEER warrants that he/she has not employed or retained any company or person, other than a bona fide employee working solely for the ENGINEER, to solicit or secure this contract, and that he/she has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the ENGINEER, any fee, commission, percentage, brokerage fee, gifts or any other consideration, contingent upon or resulting from the award or making of this contract. For Breach or violation of this warranty the LA shall have the right to annul this contract without liability.

IN WITNESS WHEREOF, the parties have caused the AGREEMENT to be executed in quadruplicate counterparts, each of which shall be considered as an original by their duly authorized officers.

Executed by the LA:

VILLAGE OF TINLEY PARK of the
(Municipality/Township/County)

ATTEST:

State of Illinois, acting by and through its

By _____

(Seal)

Clerk

By _____
Title _____

Executed by the ENGINEER:

ATTEST:

By _____
Title _____

By _____
Title _____

Approved

Date
Department of Transportation

Regional Engineer



Exhibit A - Phase II Engineering

Route: 191st Street @ 80th Avenue
 Local Agency Village of Tinley Park
 Section: 18-00121-00-CH
 Project: OLDW(753)
 Job No.: D-91-252-18

Overhead + Burden Rate 0.00%
 Complexity Factor 365
 Calendar Days 0.00%
 Overhead + Burden Rate

Method of Compensation:

- 14.5%[DL +R(DL) + OH(DL) + IHDC]
- 14.5%[DL +R(DL) + 1.4(DL) + IHDC]
- 14.5%[(2.3 + R)DL + IHDC]
- [(2.8 + R)DL] + IHDC
- X
-

Cost Estimate of Consultant's Services in Dollars

Element of Work	Man-hours	Average Hourly Rate	Payroll Costs	Overhead & Burden	Service By Others	In-House Direct Cost	Fixed Fee	Total	% of Grand Total
PHASE II ENGINEERING SERVICES									
General Administration	248	\$162.55	\$40,311					\$40,311	11.93%
Field Services	111	\$127.14	\$14,112					\$14,112	4.18%
Right of Way	26	\$112.62	\$2,928					\$2,928	0.87%
Public Involvement	192	\$134.94	\$25,909					\$25,909	7.67%
Plans, Specifications & Estimate	1,429	\$132.10	\$188,770					\$188,770	55.87%
QC/QA	48	\$172.67	\$8,288					\$8,288	2.45%
ROW Plats & Legals	124	\$128.11	\$15,885					\$15,885	4.70%
SUBTOTAL								\$296,204	87.66%
Subconsultants									
Geocon - 1					\$15,624			\$15,624	4.62%
Mathewson ROW Company - 2					\$18,000			\$18,000	5.33%
Huff & Huff Incorporated - 3					\$6,515			\$6,515	1.93%
Direct Costs						\$1,545		\$1,545	0.46%
Totals	3,328	\$34.95	\$116,306	\$194,975	\$40,139	\$1,545	-	\$337,888	100.00%

- ASSUMPTIONS:
- 1) Services by Others = Geocon - PSI & Geotechnical Report
 - 2) Services by Others = Mathewson - Appraisals & Negotiations
 - 3) Services by Others = Huff & Huff - Wetland Permitting

**EXHIBIT F
AVERAGE HOURLY WORK RATES**

Firm: Robinson Engineering, Ltd. Date: July 26, 2019
 Route: 191st Street @ 80th Avenue
 Section: 18-00121-00-CH
 County: Will
 Job No.: D-91-252-18
 Complexity Factor (R): 0.00
 PTB & Item: N/A

JOB CLASSIFICATION	SALARY	General Administration		Field Services		Intersection Design Study		Draft Project Report		Traffic Study		Right of Way	
		% Part	Wgt. Rate	% Part	Wgt. Rate	% Part	Wgt. Rate	% Part	Wgt. Rate	% Part	Wgt. Rate	% Part	Wgt. Rate
PRINCIPAL ENGINEER 2	\$200.00	5.45%	\$10.91	0.00%		0.00%		0.00%		0.00%		0.00%	
SENIOR PROJECT MANAGER 2	\$186.00	14.55%	\$27.05	0.00%		0.00%		0.00%		0.00%		0.00%	
SENIOR PROJECT MANAGER 1	\$172.00	34.55%	\$69.42	19.42%	\$33.40	0.00%		0.00%		0.00%		0.00%	
SENIOR ENGINEER 2	\$166.00	10.91%	\$18.11	0.00%		0.00%		0.00%		0.00%		0.00%	
PROJECT ENGINEER 3	\$135.00	21.82%	\$29.45	1.94%	\$2.62	0.00%		0.00%		0.00%		0.00%	
PROJECT ENGINEER 2	\$126.00	3.64%	\$4.58	15.53%	\$19.57	0.00%		0.00%		0.00%		0.00%	
CHIEF LAND SURVEYOR	\$156.00	1.82%	\$2.84	0.00%		0.00%		0.00%		0.00%		7.69%	\$12.00
LAND SURVEYOR 3	\$140.00	1.82%	\$2.55	0.00%		0.00%		0.00%		0.00%		0.00%	
CAD MANAGER	\$134.00	3.64%	\$4.87	3.88%	\$5.20	0.00%		0.00%		0.00%		0.00%	
CAD TECHNOLOGIST 2	\$107.00	0.00%		27.18%	\$29.09	0.00%		0.00%		0.00%		61.54%	\$65.85
GIS DEVELOPER	\$123.00	0.00%		2.91%	\$3.58	0.00%		0.00%		0.00%		0.00%	
FIELD SUPERINTENDENT	\$152.00	1.82%	\$2.76	1.94%	\$2.95	0.00%		0.00%		0.00%		0.00%	
FIELD CREW CHIEF	\$113.00	0.00%		27.18%	\$30.72	0.00%		0.00%		0.00%		30.77%	\$34.77
ADMINISTRATIVE 1	\$74.00	0.00%		0.00%		0.00%		0.00%		0.00%		0.00%	
AVERAGE PAYROLL RATE		100.00%	\$162.55	100.00%	\$127.14	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	100.00%	\$112.62

JOB CLASSIFICATION	SALARY	Public Involvement		Final Project Report		Drainage Study		ROW Plats & Legals		Plans, Specifications & Estimate		QC/QA	
		% Part	Wgt. Rate	% Part	Wgt. Rate	% Part	Wgt. Rate	% Part	Wgt. Rate	% Part	Wgt. Rate	% Part	Wgt. Rate
PRINCIPAL ENGINEER 2	\$200.00	2.78%	\$5.56	0.00%		0.00%		0.00%		0.48%	\$0.96	16.67%	\$33.33
SENIOR PROJECT MANAGER 2	\$186.00	2.78%	\$5.17	0.00%		0.00%		0.00%		1.29%	\$2.39	16.67%	\$31.00
SENIOR PROJECT MANAGER 1	\$172.00	11.11%	\$19.11	0.00%		0.00%		0.00%		4.74%	\$8.16	33.33%	\$57.33
SENIOR ENGINEER 2	\$166.00	19.44%	\$32.28	0.00%		0.00%		0.00%		7.72%	\$12.81	8.33%	\$13.83
PROJECT ENGINEER 3	\$135.00	0.00%		0.00%		0.00%		0.00%		16.72%	\$22.57	0.00%	
PROJECT ENGINEER 2	\$126.00	38.89%	\$49.00	0.00%		0.00%		0.00%		31.83%	\$40.11	0.00%	
CHIEF LAND SURVEYOR	\$156.00	0.00%		0.00%		0.00%		0.00%		7.96%	\$12.42	0.00%	
LAND SURVEYOR 3	\$140.00	0.00%		0.00%		0.00%		0.00%		49.56%	\$69.38	0.00%	
CAD MANAGER	\$134.00	2.78%	\$3.72	0.00%		0.00%		0.00%		4.50%	\$6.03	8.33%	\$11.17
CAD TECHNOLOGIST 2	\$107.00	11.11%	\$11.89	0.00%		0.00%		0.00%		28.32%	\$30.30	34.73%	\$37.16
GIS DEVELOPER	\$123.00	0.00%		0.00%		0.00%		0.00%		0.00%		0.00%	
FIELD SUPERINTENDENT	\$162.00	0.00%		0.00%		0.00%		0.00%		0.00%		0.00%	
FIELD CREW CHIEF	\$113.00	0.00%		0.00%		0.00%		0.00%		14.16%	\$16.00	0.00%	
ADMINISTRATIVE 1	\$74.00	11.11%	\$8.22	0.00%		0.00%		0.00%		2.57%	\$1.90	0.00%	
AVERAGE PAYROLL RATE		100.00%	\$134.94	0.00%	\$0.00	0.00%	\$0.00	100.00%	\$128.11	104.58%	\$132.10	100.00%	\$172.67

**PUBLIC
COMMENT**

ADJOURNMENT