

CHARTER TOWNSHIP OF GARFIELD TOWN BOARD MEETING

Tuesday, November 27, 2018, 6:00 pm
Garfield Township Hall
3848 Veterans Drive
Traverse City, MI 49684
Ph: (231) 941-1620

A G E N D A

ORDER OF BUSINESS

Call meeting to order
Pledge of Allegiance
Roll call of Board Members

1. Public Comment

Public Comment Guidelines:

Any person shall be permitted to address a meeting of The Township Board, which is required to be open to the public under the provision of the Michigan Open Meetings Act, as amended. (MCLA 15.261, et.seq.) Public Comment shall be carried out in accordance with the following Board Rules and Procedures: a.) any person wishing to address the Board is requested to state his or her name and address. b.) No person shall be allowed to speak more than once on the same matter, excluding time needed to answer Township Board Member's questions. Where constrained by available time the Chairperson may limit the amount of time each person will be allowed to speak to (3) minutes. 1.) The Chairperson may at his or her own discretion, extend the amount of time any person is allowed to speak. 2.) Whenever a Group wishes to address a Committee, the Chairperson may require that the Group designate a spokesperson; the Chairperson shall control the amount of time the spokesperson shall be allowed to speak when constrained by available time.

2. Review and approval of the Agenda - Conflict of Interest

3. Consent Calendar

The purpose of the Consent calendar is to expedite business by grouping non-controversial items together to be dealt with in one Board motion without discussion. Any member of the Board, staff or the public may ask that any item on the Consent Calendar be removed there from and placed elsewhere on the Agenda for full discussion. Such requests will be automatically respected. If any item is not removed from the Consent Calendar, the action noted in parentheses on the Agenda is approved by a single Board action adopting the Consent Calendar.

- a. Minutes – November 13, 2018 (Recommend Approval)
- b. Bills -
 - General Fund \$ 61,866.25
 - (Recommend Approval)
- c. Application for Progress Payment No. 3 and Change Order No. 2 for the NW Water System Project - Division B to DN Tanks, Inc in the amount of \$ 131,934.62 (Recommend Approval)
- d. Application for Progress Payment No. 5 and Change Order No. 3 for the NW Water System Project - Division A Tank to DN Tanks, Inc in the amount of \$8,730.00 (Recommend Approval)

- e. Letter of Acceptance/Turnover Documents – Traditions Phase 2 – Umber Drive Water Main
- f. Change Order #2 for Boardman Valley Nature Preserve Site Improvements

4. Items Removed from Consent Calendar

5. Correspondence

- a. Flyer for Forum on Wireless Technologies: Benefits and Risks

6. Reports

- a. Construction Report
- b. GT Metro Fire Department Report
- c. Northflight EMS Report
- d. County Commissioner's Report
- e. Supervisor's Report

7. Unfinished Business

8. New Business

- a. Consideration of Resolution 2018-39-T, a resolution of Intent to Withdraw from Metro
- b. Consideration of Consumer's Power proposal on street lights

9. Public Comment

10. Other Business

11. Adjournment

Lanie McManus, Clerk

The Garfield Township Board will provide necessary reasonable auxiliary aids and services, such as signers for hearing impaired and audio tapes of printed materials being considered at the meeting to individuals with disabilities upon the provision of reasonable advance notice to the Garfield Township Board. Individuals with disabilities requiring auxiliary aids or services should contact the Garfield Township Board by writing or calling Lanie McManus, Clerk, Ph: (231) 941-1620, or TDD #922-4412.

**CHARTER TOWNSHIP OF GARFIELD
TOWN BOARD MEETING
November 13, 2018**

Supervisor Korn called the Town Board Meeting to order on November 13, 2018 at 6:00 p.m. at the Garfield Township Hall, 3848 Veterans Drive, Traverse City, Michigan.

Pledge of Allegiance

Roll Call of Board Members

Present: Denise Schmuckal, Dan Walters, Lanie McManus, Jeane Blood Law, Molly Agostinelli, Steve Duell and Chuck Korn

Staff Present: Erik Perdonik

1. Public Comment (6:00)

None

2. Review and Approval of the Agenda - Conflict of Interest (6:01)

Agostinelli moved and Walters seconded to approve the agenda as presented.

*Yeas: Agostinelli, Walters, Duell, Schmuckal, Blood Law, Walters, McManus, Korn
Nays: None*

3. Consent Calendar (6:02)

a. Minutes

October 23, 2018 (Recommend Approval)

b. Bills

General Fund (Recommend Approval)	\$165,388.43
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Gourdie-Fraser

Developer's Escrow Fund – Storm Water Review	\$ 585.00
Developer's Escrow Fund – Utility Plan Review	\$ 10,153.15
Oversight & Closeout	

<u>Utility Receiving Fund</u>	<u>472.50</u>
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Total	\$ 11,210.15
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(Recommend Approval)

c. MTT Update – Receive and File

- d. PD 2018-111 3717 W. South Airport Road Rezoning from A Agricultural District to R-3 Multi-Family Residential District, without restriction – Introduce and Schedule for Public Hearing on December 11, 2018. (Recommend Approval)**

Item 3.b. was removed from the Consent Calendar.

Walters moved and Duell seconded to approve the Consent Calendar as amended.

Yeas: Walters, Duell, Schmuckal, Agostinelli, Blood Law, McManus, Korn

Nays: None

4. Items removed from the Consent Calendar (6:04)

a. Bills

Duell had a question regarding the LIAA expense as presented.

It was explained that the LIAA expense was for Public, Education and Government .

Duell moved and Walters seconded to approve the bills as presented.

Yeas: Duell, Walters, Agostinelli, Schmuckal, Blood Law, McManus, Korn

Nays: None

5. Correspondence (6:05)

a. Grand Traverse Conservation District – October 2018 Report

b. Letter from a resident

6. Reports

a. Sheriff's Report (6:06)

Lt. Chris Barsheff reported that Garfield Township had 39% of the total calls for service in the county. He has been busy with active shooter educations and gave the board statistics on the drug takebacks. He presented a comparison of policing and numbers in Garfield Township and the City of Traverse City. He will have some information on the traffic sign which sat at E. Silver Lake Road for the past few weeks.

b. County Commissioner's Report (6:14)

No report

c. Personnel Committee (6:14)

Schmuckal said that the committee has four interviews for the position of Planning Director. A special meeting may need to be held to hire a candidate.

d. Treasurer's Report (6:15)

Blood Law gave an updated shared revenue report and said that the revenues should exceed the budget line item for 2018.

e. Clerk's Report (6:16)

McManus said the election went well and there was an excellent turnout. She shared the numbers of registered voters in the Township and a new precinct may be needed. Precinct 1, at Station 12, does not have enough parking so she will be looking for other options. She will need some help for the next election because of the increased number of absentee ballots.

f. Supervisor's Report (6:21)

Korn said that he attended the MTA on the Road held at Crystal Mountain where discussion centered upon legislation in the lame duck session of Congress. Much of the proposed legislation is aimed at local controls. Consumers Power will bring power in from the direction of the mall to Vista Manor and trim some trees to address the frequent power outages. They will also be addressing burned out streetlights.

7. Unfinished Business**a. Public Hearing PD 2018-112 – Schostak Brothers & Company, Inc./Amerco Real Estate Company – U-Haul Zoning Ordinance Text Amendment (6:26)**

Deputy Planner Erik Perdonik gave board members some background on the proposed text amendment and recommend denial based on the Planning Commission's recommendation. The proposed text amendments would establish an additional definition for warehousing within the C-P Planned Shopping Center district and allow the use in all C-P districts in the township.

Korn opened the Public Hearing at 6:28pm.

Bill Marsh Jr. of Traverse City spoke in support of the project.

Jonathan Gilmore, President of U-Haul Michigan spoke regarding the project.

Jeffrey Schostak of Schostak Brothers spoke regarding the project which would change the text amendment.

Bill Range with U-Haul discussed the reuse of the area and how the U-Haul use would work on the property.

Korn closed the Public Hearing at 6:44pm.

Board members discussed the proposal and shared concerns with the proposed project. Attorney Scott Howard answered questions regarding the Finding of Facts that were drafted as well as the proposed project and the use. Jeffrey Schostak explained to the Board why a text amendment was sought. He requested that the Board let them work with staff and Planning further to arrive at an amiable conclusion.

Schmuckal moved and Blood Law seconded that the Findings of Fact as presented in PD 2018-112 be adopted, except that the Township Board rather than the Planning Commission considers all findings not met.

*Yeas: Schmuckal, Blood Law, McManus, Walters, Duell, Agostinelli, Korn
Nays: None*

Schmuckal moved and Blood Law seconded that Application Z-2017-04 be denied based on the Findings of Fact as adopted.

*Yeas: Schmuckal, Blood Law, Duell, McManus, Agostinelli, Walters, Korn
Nays: None*

8. New Business**a. Consideration of Resolution 2018-37-T, a resolution of approval of Financial Institutions with which the township will do business with in 2019. (7:14)**

Schmuckal moved and McManus seconded to adopt Resolution 2018-37-T, a resolution of approval of Financial Institutions with which the township will do business with in 2019.

Yeas: Schmuckal, McManus, Duell, Walters, Agostinelli, Blood Law, Korn

Nays: None

b. Request to add delinquent Special Assessments to the Winter Tax Roll (7:15)

Duell moved and Schmuckal seconded to authorize the Township Supervisor to add delinquent special assessments from Foxcraft Roads, Forest Lane Roads, and Oak Terrace Roads onto the Winter Tax Roll.

Yeas: Duell, Schmuckal, Walters, Agostinelli, McManus, Blood Law, Korn

Nays: None

c. Request to write off unpaid Personal Property Taxes for years (2014-2017) (7:16)

Agostinelli moved and Schmuckal seconded to write off personal property taxes for the years 2017.

Yeas: Agostinelli, Schmuckal, Walters, Blood Law, Duell, McManus, Korn

Nays: None

d. Consideration of Resolution 2018-38-T, a Resolution on Senate Bill 396 (7:19)

Korn said that this Resolution would formally oppose Senate 396 allowing logging trucks to be exempt from frost laws on the roads of Michigan.

Agostinelli moved and Duell seconded to adopt Resolution 2018-38-T, a Resolution on Senate Bill 396.

Yeas: Agostinelli, Duell, Blood Law, Schmuckal, McManus, Korn

Nays: Walters

e. PD 2018-113 – Winter Trail Grooming Proposal for Silver Lake Recreation Area (7:20)

Peter Zirnhelt presented his grooming proposal to the Board. Board members asked questions and discussed the proposal. They shared concerns with possible ice on the paved portion of the trails. Zirnhelt said he would work with staff to groom the best possible trails for the use of the Township residents. He will not groom on the same track as the asphalt.

Walters moved to approve the winter trail grooming proposal on a one year trial basis provided that only the inside of the paved trail is groomed. Schmuckal seconded the motion.

Yeas: Walters, Schmuckal, Duell, Agostinelli, Blood Law, McManus, Korn

Nays: None

f. Consideration of Building Committee’s recommendations for Snow Plowing bids (7:35)

Korn said that bids were received for plowing at various township locations and he recommends awarding bids to SVE for the Township Hall Parking lot; Alpers for the Silver Lake Recreation Area parking lot; and Double R for the Barnes Trail snow blowing, the Buffalo trail snow blowing and the Silver Lake Recreation Walking Trail snow blowing.

Duell moved and Walters seconded to approve snow removal bids to the companies recommended by the Township Supervisor.

Yeas: Duell, Walters, Agostinelli, McManus, Blood Law, Schmuckal, Korn

Nays: None

9. Public Comment (7:38)

Dennis Ditmer of Mayfield commented on the effect of the U-Haul application on independent storage facilities in the area and asked about security during the dark hours.

10. Other Business (7:40)

Budget meetings were discussed and set for November 19th and 20th.
Vacation property rentals may come up in the lame duck session.

11. Adjournment

Korn moved to adjourn the meeting at 7:44pm.

Chuck Korn, Supervisor
Charter Township of Garfield
3848 Veterans Drive
Traverse City, MI 49684

Lanie McManus, Clerk
Charter Township of Garfield
3848 Veterans Drive
Traverse City, MI 49684

CHARTER TOWNSHIP OF GARFIELD
TOWN BOARD SPECIAL MEETING MINUTES
November 19, 2018 Minutes

3. a.

ORDER OF BUSINESS

Call meeting to order

Supervisor Korn called the Town Board Study Session to order on Monday, November 19, 2018, at 3:36 p.m. at the Garfield Township Hall, 3848 Veterans Drive, Traverse City, Michigan.

Roll call of Board Members

Present: Chuck Korn, Lanie McManus, Denise Schmuckal, Molly Agostinelli, Steve Duell, Jeane Blood Law

Absent and Excused: Dan Walters

1. Business to come before the Board

a. Discussion regarding the 2019 Township Budget

The Board received the 2019 Township Budget. The Board discussed the budget in detail and asked questions. Another study session on the budget was set for Tuesday, November 20, 2018 at 3:30 p.m.

b. Personnel Committee report - Consideration to approve the hiring of the new Planning Director

Schmuckal presented the Personnel Committee's recommendation for Planning Director as John Sych.

Schmuckal made the motion and Blood Law seconded to hire John Sych as Planning Director.

Ayes: Schmuckal, Blood Law, Duell, Agostinelli, McManus, Korn

Nays: None

Absent and Excused: Walters

2. Public Comment

There was no public comment.

3. Adjournment

Korn adjourned the meeting at 5:33 p.m.

Chuck Korn, Supervisor
3848 Veterans Drive
Traverse City, MI 49684

Lanie McManus, Clerk
3848 Veterans Drive
Traverse City, MI 49684

**CHARTER TOWNSHIP OF GARFIELD
TOWN BOARD STUDY SESSION MINUTES
November 20, 2018 Minutes**

ORDER OF BUSINESS

Call meeting to order

Supervisor Korn called the Town Board Study Session to order on Tuesday, November 20, 2018, at 3:33 p.m. at the Garfield Township Hall, 3848 Veterans Drive, Traverse City, Michigan.

Roll call of Board Members

Present: Chuck Korn, Lanie McManus, Denise Schmuckal, Molly Agostinelli, Steve Duell, Jeane Blood Law

Absent and Excused: Dan Walters

1. Business to come before the Board

a. Discussion regarding the 2019 Township Budget

The Board received the 2019 Township Budget. The Board discussed the budget in detail and asked questions.

b. Discussion regarding Metro

The Board discussed various issues regarding Metro.

2. Public Comment

Deputy Chief Steve Apostle spoke regarding Metro issues.

3. Adjournment

Korn adjourned the meeting at 5:48 p.m.

Chuck Korn, Supervisor
3848 Veterans Drive
Traverse City, MI 49684

Lanie McManus, Clerk
3848 Veterans Drive
Traverse City, MI 49684

CHECK DISBURSEMENT REPORT FOR CANTON TOWNSHIP OF GARFIELD
 CHECK DATE FROM 11/01 - 11/20/2018

Banks:

Check Date	Bank	Check #	Payee	Description	GL #	Amount
11/08/2018	GEN	37427	AMERICAN WASTE	3394830	308-000-880.001	305.00
11/08/2018	GEN	37428	AMERICAN WASTE	3394790	101-265-935.604	170.00
11/08/2018	GEN	37429	B S & A SOFTWARE	ANNUAL SVC/SUPPORT BLDING, PAYROLL, CASH REC	101-258-935.015	6,807.00
11/08/2018	GEN	37430	CONSUMERS ENERGY	100000311801	101-000-084.861	1,462.00
		37430		100000311801	101-448-920.005	5,946.11
						<u>7,408.11</u>
11/08/2018	GEN	37431	DTE ENERGY	910020833133	101-265-920.601	549.90
11/08/2018	GEN	37432	DTE ENERGY	910020833257	101-265-920.601	41.88
11/08/2018	GEN	37433	FIRST CHRISTIAN CHURCH	ELECTION 11.06.18	101-191-726.000	150.00
11/08/2018	GEN	37434	GARFIELD CHARTER TOWNSHIP	HSA	101-000-237.000	417.70
11/08/2018	GEN	37435	GRAND TRAVERSE COUNTY DPW	5105021	101-265-920.602	304.90
11/08/2018	GEN	37436	GRAND TRAVERSE COUNTY DPW	5590511	308-000-935.000	11.50
11/08/2018	GEN	37437	GRID4 COMMUNICATIONS, INC.	PHONES	101-265-850.000	1,068.28
11/08/2018	GEN	37438	KIMBERLY LAMPMAN	ELECTION HELP	101-191-701.000	300.00
11/08/2018	GEN	37439	NORTHERN OFFICE EQUIP	SVC CONTRACTG	101-101-726.002	495.11
11/08/2018	GEN	37440	NORTHWOODS OFFICE EXPRESS	INK	101-101-726.000	99.99
		37440		INK	101-171-726.000	19.01
		37440		INK	101-215-726.000	99.99
		37440		INK	101-253-726.000	99.99
						<u>318.98</u>
11/08/2018	GEN	37441	RUBY CLEANING SERVICE	CLEANING SVC	101-265-935.603	1,150.00
11/08/2018	GEN	37442	RUBY CLEANING SERVICE	CLEANING SVC	308-000-935.000	100.00
11/08/2018	GEN	37443	SPECTRUM BUSINESS	INTERNET	101-258-935.016	75.00
11/08/2018	GEN	37444	STAPLES	SUPPLIES	101-101-726.000	196.36
		37444		SUPPLIES	101-253-726.000	4.99
						<u>201.35</u>
11/08/2018	GEN	37445	STATE OF MICHIGAN	RENEWAL OF ASSESSING OFFICE CERTIFICATIONS	101-171-965.000	525.00
11/08/2018	GEN	37446	STATE OF MICHIGAN (P)	SUM MONTHLY/QUARTERLY 2018	101-000-228.000	2,430.77
11/08/2018	GEN	37447	TEMPERATURE CONTROL	FALL SHUTDOWN AT PARK	308-000-935.000	362.00
11/08/2018	GEN	37448	UNITED WAY	UNITED WAY	101-000-238.000	85.00

3. b.

CHECK DISBURSEMENT REPORT FOR CANTON TOWNSHIP OF GARFIELD
 CHECK DATE FROM 11/01/2018 - 11/20/2018
 Banks:

Check Date	Bank	Check #	Payee	Description	GL #	Amount
11/08/2018	GEN	37449	VOYA INSTITUTIONAL TRUST COMPANY	DEFERRED COMP VF3202	101-000-227.000	2,015.00
11/08/2018	GEN	37450	WILLIAM MOUSER	ELECTION	101-191-701.000	221.00
11/08/2018	GEN	37451	KYLE MCMANUS	61 MI @ .475	101-191-726.000	28.98
11/08/2018	GEN	37452	TERRY MCGOWAN	47 MI @ .475	101-191-726.000	22.33
11/08/2018	GEN	37453	MAPLE RIVER DIRECT MAIL	WINTER TAX MAILING	101-253-726.001	2,550.00
11/20/2018	GEN	37454	AFLAC	AFLAC	101-000-227.001	637.34
11/20/2018	GEN	37455	BLUE CROSS BLUE SHIELD OF MICHIGAN	EMPLOYEE HEALTH	101-851-873.030	18,021.82
11/20/2018	GEN	37456	CHLOE MACOMBER	MILEAGE	101-253-860.501	261.71
11/20/2018	GEN	37457	CITY OF TRAVERSE CITY	170975-98310	101-448-920.005	38.95
11/20/2018	GEN	37458	CITY OF TRAVERSE CITY	170975-94720	101-000-084.861	182.71
11/20/2018	GEN	37458	CITY OF TRAVERSE CITY	170975-94720	101-448-920.005	484.07
						<u>666.78</u>
11/20/2018	GEN	37459	ESCH LAWN MAINTENANCE, LLC	TOWNSHIP OFFICES	101-265-935.602	525.00
11/20/2018	GEN	37460	ESCH LAWN MAINTENANCE, LLC	SILVER LAKE PARK	308-000-935.000	690.00
11/20/2018	GEN	37461	FIFTH THIRD BANK	5473787214466590	101-191-726.000	522.50
		37461		5473787214466590	101-253-726.000	528.85
		37461		5473787214466590	101-253-960.000	30.00
						<u>1,081.35</u>
11/20/2018	GEN	37462	FIFTH THIRD BANK	5473787298599431	101-101-726.000	141.71
		37462		5473787298599431	101-191-726.000	819.51
		37462		5473787298599431	101-191-726.001	63.98
						<u>1,025.20</u>
11/20/2018	GEN	37463	GARFIELD CHARTER TOWNSHIP	HSA	101-000-237.000	417.70
11/20/2018	GEN	37464	IAAO	DUES	101-171-965.000	190.00
11/20/2018	GEN	37465	ICC	BOOK	101-371-965.000	36.00
11/20/2018	GEN	37466	JCPENNY COMPANY INC. 23499	MTT INTEREST REFUND	101-000-403.000	192.76
11/20/2018	GEN	37467	LAUTNER IRRIGATION INC	TOWNSHIP HALL SPRINKLER WINTERIZATION	101-265-935.602	125.00
11/20/2018	GEN	37468	MAMC	MEMBERSHIP-C	101-215-965.000	120.00
11/20/2018	GEN	37469	MICHIGAN ASSOC OF PLANNING	DIRECTOR OF PLANNING AD	101-401-900.000	75.00
11/20/2018	GEN	37470	MICHIGAN MUNICIPAL LEAGUE	DIRECTOR OF PLANNING AD	101-401-900.000	140.64

Banks:

Check Date	Bank	Check #	Payee	Description	GL #	Amount
11/20/2018	GEN	37471	NORTHERN MI JANITORIAL SUP	SUPPLIES	101-265-726.003	39.27
11/20/2018	GEN	37472	PITNEY BOWES INC.	CONTRACT 12.1.18-5.31.19	101-101-726.001	15.48
11/20/2018	GEN	37473	PREIN & NEWHOF	WEST BOARDMAN LAKE TRAIL LOOP	101-000-575.000	3,519.90
11/20/2018	GEN	37474	SONDEE, RACINE, DOREN	P/Z CPO HEARING	101-400-801.000	1,980.58
11/20/2018	GEN	37475	TEAMSTERS LOCAL 214	UNION DUES	101-000-239.000	47.00
11/20/2018	GEN	37476	TEMPERATURE CONTROL	REPLACE COUPLER SLEEVE FOR SNOWMELT	101-265-935.608	662.81
11/20/2018	GEN	37477	TRAVERSE CITY FLEET REPAIR	OIL CHANGE	101-806-863.000	56.24
11/20/2018	GEN	37478	TRAVERSE CITY RECORD EAGLE	ADVERTISING	101-101-901.000	322.00
		37478		ADVERTISING	101-191-901.000	80.00
		37478		ADVERTISING	101-401-900.000	253.00
		37478		ADVERTISING	101-410-901.000	130.00
						<u>785.00</u>
11/20/2018	GEN	37479	U.S.POSTAL SERVICE	ELECTION POSTAGE	101-191-726.001	78.05
11/20/2018	GEN	37480	UNITED WAY	UNITED WAY	101-000-238.000	85.00
11/20/2018	GEN	37481	VERIZON	PHONES	101-265-850.000	221.88
11/20/2018	GEN	37482	VOYA INSTITUTIONAL TRUST COMPANY	DEFERRED COMP VF3202	101-000-227.000	2,015.00
			TOTAL - ALL FUNDS	TOTAL OF 56 CHECKS		61,866.25
--- GL TOTALS ---						
101-000-084.861			DUE FROM #861 STREET LIGHTS			1,644.71
101-000-227.000			DEFERRED COMP			4,030.00
101-000-227.001			AFLAC			637.34
101-000-228.000			STATE TAXES PAYABLE			2,430.77
101-000-237.000			HSA (FORMERLY FLEX)			835.40
101-000-238.000			UNITED WAY			170.00
101-000-239.000			UNION DUES			47.00
101-000-403.000			CURRENT REAL PROPERTY TAXES			192.76
101-000-575.000			Road Right of Way			3,519.90
101-101-726.000			SUPPLIES			438.06
101-101-726.001			POSTAGE			15.48
101-101-726.002			SUPPLIES - COPIER MAINTENANCE			495.11
101-101-901.000			ADVERTISING			322.00
101-171-726.000			SUPPLIES			19.01
101-171-965.000			DUES & PUBLICATIONS			715.00
101-191-701.000			WAGES			521.00
101-191-726.000			SUPPLIES			1,543.32
101-191-726.001			POSTAGE			142.03
101-191-901.000			ADVERTISING			80.00
101-215-726.000			SUPPLIES			99.99
101-215-965.000			DUES & PUBLICATIONS			120.00
101-253-726.000			SUPPLIES			633.83
101-253-726.001			POSTAGE			2,550.00

Check Date	Bank	Check #	Payee	Description	GL #	Amount
101-253-860.501			MILEAGE - DEPUTY TREASURER			261.71
101-253-960.000			EDUCATION & TRAINING			30.00
101-258-935.015			COMPUTER SUPPORT SYSTEMS			6,807.00
101-258-935.016			COMPUTER NETWORK			75.00
101-265-726.003			SUPPLIES-MAINTANCE			39.27
101-265-850.000			TELEPHONE			1,290.16
101-265-920.601			HEATING / GAS			591.78
101-265-920.602			WATER / SEWER			304.90
101-265-935.602			LAWN MAINTENANCE			650.00
101-265-935.603			CLEANING SERVICE			1,150.00
101-265-935.604			RUBBISH REMOVAL			170.00
101-265-935.608			MAINTENANCE-OTHER			662.81
101-371-965.000			DUES & PUBLICATIONS			36.00
101-400-801.000			LEGAL SERVICES			1,980.58
101-401-900.000			PRINTING & PUBLISHING			468.64
101-410-901.000			ADVERTISING			130.00
101-448-920.005			STREET LIGHTS TOWNSHIP			6,469.13
101-806-863.000			OIL CHANGES			56.24
101-851-873.030			INSURANCE - EMPLOYEE HEALTH			18,021.82
308-000-880.001			COM. PROM. - SILVER LAKE PARK			305.00
308-000-935.000			MAINTENANCE - MISC, EQUIP			1,163.50
			TOTAL			61,866.25

Contractor's Application for Payment No. 3

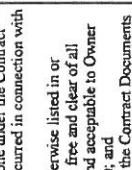
Application Period: 08/24/18-10/31/18	Application Date: 11/21/2018
To (Owner): Charter Township of Garfield	Via (Engineer): Gourdie-Fraser Inc
From (Contractor): Elmer's Crane and Dozer	Engineer Address: 123 W Front Street, Traverse City, MI 49684
Contractor: 3600 Renzie School Road Traverse City, MI 49685	Engineer's Project No.: 16037
Contractor's Project No.:	

**Application For Payment
Change Order Summary**

Approved Change Orders	Number	Additions	Deductions
1		\$37,272.00	\$1,271,837.50
2		\$59,216.12	\$-96,488.12
TOTALS			
NET CHANGE BY CHANGE ORDERS		\$-96,488.12	\$1,175,349.38

1. ORIGINAL CONTRACT PRICE..... \$ 1,271,837.50
 2. Net change by Change Orders..... \$ -96,488.12
 3. Current Contract Price (Line 1 + 2)..... \$ 1,175,349.38
 4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)..... \$ 1,175,349.38
 5. RETAINAGE:
 a. 5% X \$1,100,352.38 Work Completed..... \$55,017.62
 b. X Stored Material..... \$
 c. Total Retainage (Line 5.a + Line 5.b)..... \$ 55,017.62
 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... \$ 1,120,331.76
 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$ 990,317.14
 8. AMOUNT DUE THIS APPLICATION..... \$ 130,014.62
 9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)..... \$ 55,017.62

Contractor's Certification
 The undersigned Contractor certifies, to the best of its knowledge, the following:
 (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
 (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
 (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Payment of \$ _____ (One Hundred Thirty Thousand Fourteen Dollars and Six Two Cents)
 is recommended by:  (Engineer) 11/20/18 (Date)
 Payment of \$ _____ (One Hundred Thirty Thousand Fourteen Dollars and Six Two Cents)
 is approved by: _____ (Owner) _____ (Date)
 Approved by: _____ (Funding or Financing Entity (if applicable)) _____ (Date)

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract):		3600 Rennie School Road		Traverse City, MI 49685		Application Number:		3										
Application Period		08/24/18-10/31/18		Application Date:		11/21/2018												
A		Contract Information				B				C		D		E		F		
Bid Item No.	Item Description	Item Qty	Units	Unit Price	Total Value of Item (\$)		Qty Instd Prev	Value of Work Instd Prev	Qty Instd This Period	Value of Work Instd This Period	Value of Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% Complete (F / B)	Balance to Finish (B - F)				
					Item Qty	Unit Price												
Category 1																		
1-1	Mobilization	1	LS	\$141,375.00		\$141,375.00	1	\$141,375.00				\$141,375.00	100.0%					
1-2	Traffic Control	1	LS	\$14,695.00		\$14,695.00	1	\$14,695.00				\$14,695.00	100.0%					
1-3	Water Main - 16", C905 DR 18	4750	LF	\$77.00		\$365,750.00	4512.5	\$347,462.50				\$347,462.50	100.0%					
1-4	Water Main - 12", C900 DR 14	1750	LF	\$65.00		\$113,750.00	1662.5	\$108,062.50				\$108,062.50	100.0%					
1-5	Connect to Existing - 16" Water Main	6	EA	\$6,000.00		\$36,000.00	5	\$30,000.00				\$30,000.00	100.0%					
1-6	Connect to Existing - 12" Water Main	3	EA	\$4,000.00		\$12,000.00	3	\$12,000.00				\$12,000.00	100.0%					
1-7	Gate Valve and Box - 16"	3	EA	\$9,210.00		\$27,630.00	5	\$46,050.00				\$46,050.00	100.0%					
1-8	Gate Valve and Box - 12"	2	EA	\$3,920.00		\$7,840.00	3	\$11,760.00				\$11,760.00	100.0%					
1-9	Fire Hydrant Assembly	2	EA	\$5,381.00		\$10,762.00	2	\$10,762.00				\$10,762.00	100.0%					
1-10	Flush Hydrant Assembly	2	EA	\$4,316.50		\$8,633.00	2	\$8,633.00				\$8,633.00	100.0%					
1-11	Water Service Lead - 1", including curb stop at	2	EA	\$3,500.00		\$7,000.00	2	\$7,000.00				\$7,000.00	100.0%					
1-12	HMA, Road Replacement	200	SY	\$30.00		\$6,000.00	138.7	\$4,161.00				\$4,161.00	100.0%					
1-13	HMA, Drive Replacement	1350	SY	\$22.15		\$29,902.50	1020.9	\$22,611.83				\$22,611.83	100.0%					
1-14	Concrete Curb & Gutter Replacement	100	LF	\$32.20		\$3,220.00	73	\$2,350.60				\$2,350.60	100.0%					
1-15	Concrete, Drive Replacement	880	SY	\$58.50		\$51,480.00	101.5	\$5,937.75				\$5,937.75	100.0%					
1-16	Restoration	1	LS	\$32,500.00		\$32,500.00	1	\$32,500.00				\$32,500.00	100.0%					
1-18	Install 2'x18" Stone Trench around Water Tank with Fabric	1	LS				1	\$7,850.00				\$7,850.00	100.0%					
1-19	Install 12" Gate Valve & 1" Ball Valve for future Tie-In	1	LS				1	\$11,500.00				\$11,500.00	100.0%					
1-20	Install Emergency Overflow Pipe 15" SDR35, 16" Drain Pipe & Fabric/Rip-rap Spillway	1	LS				1	\$9,175.00				\$9,175.00	100.0%					
1-21	Extend Stainless Steel Conduit, Install Ball Valve on Conduit	1	LS				1	\$250.00				\$250.00	100.0%					
Alternate B: Open Cut																		
1B-1	Water Main - 16", C905 DR 18	1400	LF	\$77.00		\$107,800.00	1330	\$102,410.00				\$102,410.00	100.0%					
1B-2	Water Main - 12", C900 DR 14	1400	LF	\$65.00		\$91,000.00	1330	\$86,450.00				\$86,450.00	100.0%					
1B-3	Clearing and Grubbing	1	LS	\$26,000.00		\$26,000.00	1	\$26,000.00				\$26,000.00	100.0%					
1B-4	Mass Balance	1	LS	\$35,000.00		\$35,000.00	1	\$35,000.00				\$35,000.00	100.0%					
1B-5	OHE Electric Relocation	1	LS	\$60,000.00		\$60,000.00	0.3788	\$22,728.00				\$22,728.00	100.0%					
1B-6	Soil Erosion Control and Restoration	1	LS	\$25,000.00		\$25,000.00	1	\$25,000.00				\$25,000.00	100.0%					

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract):		3600 Rennie School Road		Traverse City, MI 49685		Application Number:		3					
Application Period		08/24/18-10/31/18				Application Date:		11/21/2018					
Item		Contract Information		B		C		D		E		F	
Bid Item No.	Description	Item Qty	Units	Unit Price	Total Value of Item (\$)	Qty Instd Prev	Value of Work Instd Prev	Qty Instd This Period	Value of Work Instd This Period	Value of Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% Complete (F / B)	Balance to Finish (B - F)
	Category 2												
2-1	Mobilization	1	LS	\$4,000.00	\$4,000.00	1	\$4,000.00				\$4,000.00	100.0%	
2-2	Traffic Control	1	LS	\$5,775.00	\$5,775.00	1	\$5,775.00				\$5,775.00	100.0%	
2-3	Ditching	8	STA	\$1,137.50	\$9,100.00								
2-4	Aggregate Base	1990	SY	\$2.00	\$3,980.00	98	\$196.00				\$196.00	100.0%	
2-5	HMA Base Crushing and Shaping	1685	SY	\$3.00	\$5,055.00	1865	\$5,595.00				\$5,595.00	100.0%	
2-6	HMA, IVSP	1850	SY	\$12.00	\$22,200.00	1768	\$21,216.00				\$21,216.00	100.0%	
2-7	HMA, Approach	175	SY	\$17.00	\$2,975.00	120	\$2,040.00				\$2,040.00	100.0%	
2-8	Concrete Curb & Gutter, Replacement	75	LF	\$32.20	\$2,415.00	56	\$1,803.20				\$1,803.20	100.0%	
2-9	Slope Restoration	1	LS	\$3,000.00	\$3,000.00	1	\$3,000.00				\$3,000.00	100.0%	
	Totals				\$1,271,837.50		\$1,175,349.38				\$1,175,349.38	100.0%	

Date of Issuance: November 21, 2018	Effective Date: November 21, 2018
Owner: Charter Township of Garfield	Owner's Contract No.:
Contractor: Elmer's Crane and Dozer	Contractor's Project No.: 480059
Engineer: Gourdie-Fraser, Inc	Engineer's Project No.: 16037
Project: Div B - NW Water System Improvements	Contract Name:

The Contract is modified as follows upon execution of this Change Order:

Description: Final Balancing and also additional items that include providing equipment, labor and materials to install additional valves & connections to the tank and install 2'x18" stone trench drain around water tank.

Attachments: Team Elmer's Proposal dated 11/01/2018

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ <u>1,271,837.50</u>	Original Contract Times: Substantial Completion: <u>Sept 1, 2018</u> Ready for Final Payment: <u>Oct 1, 2018</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>1</u> : \$ <u>37,272.00</u>	[Increase] [Decrease] from previously approved Change Orders No. <u> </u> to No. <u> </u> : Substantial Completion: _____ Ready for Final Payment: _____ days
Contract Price prior to this Change Order: \$ <u>1,234,565.50</u>	Contract Times prior to this Change Order: Substantial Completion: <u>Sept 1, 2018</u> Ready for Final Payment: <u>Nov 1, 2018</u> days or dates
[Increase] [Decrease] of this Change Order: \$ <u>59,216.12</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>Sept 1, 2018</u> Ready for Final Payment: <u>Nov 1, 2018</u> days or dates
Contract Price incorporating this Change Order: \$ <u>1,177,269.38</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>Sept 1, 2018</u> Ready for Final Payment: <u>Nov 1, 2018</u> days or dates

RECOMMENDED:		ACCEPTED:		ACCEPTED:	
By: <u>[Signature]</u>	By: _____	By: _____	By: _____	By: _____	By: _____
Engineer (if required)	Owner (Authorized Signature)	Owner (Authorized Signature)	Contractor (Authorized Signature)	Contractor (Authorized Signature)	Contractor (Authorized Signature)
Title: <u>Project Manager</u>	Title: _____	Title: _____	Title: _____	Title: _____	Title: _____
Date: <u>11/21/18</u>	Date: _____	Date: _____	Date: _____	Date: _____	Date: _____

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____

FINAL BALANCING CHANGE ORDER #2

PROJECT: NW Water Systems Improvements - Division B

DATE ISSUED: 21-Nov-18

The following items summarize changes being made to the Contract Documents:

ITEM NO.	COMPLETE DESCRIPTION OF CHANGES	DECREASE CONTRACT	INCREASE CONTRACT
	ADDITIONAL ITEMS AS PER ELMER'S ATTACHED PROPOSALS:		
1-18	Provide Equipment, Labor and Materials to install a 2'x18" stone trench drain around water tank with fabric		\$7,850.00
1-19	Provide Labor, Equipment and Materials to install 12" Gate Valve and 1" Ball Valve for future tie-in.		\$11,500.00
1-20	Install Emergency Overflow Pipe 15" SDR35, 16" C900 Drain Pipe and Install Fabric and Rip Rap Spillway		\$9,175.00
1-21	Extend Stainless Steel Conduit. Install Ball Valve on Conduit		\$250.00
	FINAL BALANCING:		
1-3	Deducted Qty 237.5 LF - Water Main - 16", C905 DR 18	\$18,287.50	
1-4	Deducted Qty 87.50 LF - Water Main - 12", C905 DR 14	\$5,687.50	
1-5	Deducted Qty 1 EA - Connect to Existing 16" Water Main	\$6,000.00	
1-7	Added Qty 2 EA - Gate Valve and Box - 16"		\$18,420.00
1-8	Added Qty 1 EA - Gate Valve and Box - 12"		\$3,920.00
1-12	Deducted Qty 61.3 SY - HMA, Road Replacement	\$1,839.00	
1-13	Deducted Qty 329 SY - HMA, Drive Replacement	\$7,290.67	
1-14	Deducted Qty 27 LF - Concrete Curb & Gutter Replacement	\$869.40	
1-15	Deducted Qty 778.5 SY - Concrete, Drive Replacement	\$45,542.25	
1B-1	Deducted Qty 70 LF - Water Main - 16", C905 DR 18	\$5,390.00	
1B-2	Deducted Qty 70 LF - Water Main - 12", C900 DR 14	\$4,550.00	
2-3	Deducted Qty 8 STA - Ditching	\$9,100.00	
2-4	Deducted Qty 1892 ST - Aggregate Base	\$3,784.00	
2-5	Added Qty 180 SY -HMA Base Crushing and Shaping		\$540.00
2-6	Deducted Qty 82 SY - HMA, LVSP	\$984.00	
2-7	Deducted Qty 55 SY - HMA, Approach	\$935.00	
2-8	Deducted Qty 19 LF -Concrete Curb & Gutter, Replacement	\$611.80	
	Total Decrease	\$110,871.12	
	Total Increase		\$51,655.00
	Net Increase (Decrease)		\$59,216.12

The sum of \$59,216.12 is hereby (deducted from) (~~added to~~) the total Contract Price.

The time provided for completion in the Contract is (un)changed.

This document shall become an amendment to the Contract and all provisions of the Contract will apply hereto.



PROPOSAL

P.O. Box 6150 Traverse City, MI 49696-6150
 1.800.3ELMERS • 231.943.3443 • 231.943.8975 Fax
 www.TeamElmers.com
 EOE/AA

Proposal submitted to: **GOURDIE FRASER, INC.**
ATTN: JENNIFER HODGES
123 W MAIN ST
TRAVERSE CITY, MI 49684

11/01/18
231-946-5874
jennifer@gfa.tc
Proposal # 2018-5132

We hereby submit specifications and estimates for:

**NORTHWEST WATER SYSTEM IMPROVEMENTS FOR CHARTER TOWNSHIP OF GARFIELD
 AMENDMENT TO CHANGE ORDER #2**

1 Mobilization for tie ins	\$1,920.00	NOT COMPLETED
2 Install 12-inch valve and ductile	\$11,500.00	✓
3 Install emergency overflow pipe 15-inch SDR35 Install 16-inch C900 drain pipe Install fabric and rip rap spillway	\$9,175.00	✓
4 Install stone around tank	\$7,850.00	✓
5 Extend stainless steel conduit Install ball valve on conduit	\$250.00	✓
6 Repair phone lines in two locations for Terry Martin Repave drive approach Restore seed/mulch disturbed areas	TBD (\$3,007.00 to date)	TO BE INCLUDED IN C.O. #3

I can be reached directly at 231-218-6018 or sfolkersma@teamelmers.com
 Thank you for the opportunity to bid this project

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by "Workers" Compensation Insurance. The General Conditions attached hereto or appearing on the back side of this Proposal are hereby incorporated by reference.


 Authorized Signature
 Name **Steve Folkersma**

Note: This proposal may be withdrawn by us if not accepted within **30** days

Method of Payment Check/cash upon invoicing
 Charge by VISA/MC upon completion of work

Account # _____ Exp Date _____
 Tax ID # _____
 Elmer's reserves the right to request a credit report with this proposal
 Authorized Signature _____

Acceptance of Proposal
 The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.
 Signature _____
 By _____ (Sign and return copy upon acceptance)
 Its _____
 Date of Acceptance _____

A finance charge of 1.5% per month, which is an annual percentage rate of 18% per year, or a minimum charge of \$ 50 per month, shall be applied to all accounts over 30 days past due

- When reviewing estimates and selecting a contractor:**
- Always get multiple bids for a project. The lowest bid is not necessarily the best choice. Try to get an understanding of why one bid is significantly lower or higher than others. His reasons might change your decision.
 - Get recent references from the contractors you are considering.
 - Make sure the contractor has the appropriate business and builder licenses, as well as insurance.
 - All project specifications and payment terms should be written in the contract.
 - The best contractors provide a written warranty or guarantee.

Fully Bonded & Insured • Daily quality control checks for all products

PROPOSAL



P.O. Box 6150 Traverse City, MI 49696-6150
1.800.3ELMERS • 231.943.3443 • 231.943.8975 Fax
www.TeamElmers.com
EOE/AA

Proposal submitted to:

GOURDIE FRASER
ATTN: JENNIFER HODGES
123 W FRONT STREET
TRAVERSE CITY, MI 49684

231-946-5874
GARFIELD TWP WATER TOWER
VALVE AND CAP INSTALLATION
2017-5195
10/10/2018

We hereby submit specifications and estimates for:

PROVIDE LABOR, EQUIPMENT, AND MATERIALS TO DO THE FOLLOWING:

DIRT WORK

- 1 Mobilize necessary equipment for excavation and sitework for new valve and water main piping.
- 2 Strip topsoil from affected area, stockpile onsite for future use.
- 3 Excavate down to existing 12" ductile iron pipe for future tie on, haul away oversaturated soils.
- 4 Provide and place necessary drainstone to stabilize excavation and allow for dewatering of open cut.
- 5 Provide and install 1" ball valve to stop existing stainless steel line from draining, cap other end of valve.
- 6 Provide and install 12" gate valve on end of existing 12" line, pour two cubic yards of concrete around valve.
- 7 Provide and install one stick of 12" ductile iron pipe from valve with a cap on the opposite end.
- 8 Backfill and compact pipe and valve with clean class II sand, compacted in lifts.
- 9 Finish grade affected area. Machine spread topsoil over disturbed areas, minimum 4" thick.
- 10 Prep topsoil, spread seed and cover area with mulch blanket.

TOTAL FOR DIRT WORK = \$11,500.00

Bid does not include and surveying, staking, permits, landscaping or restoration.

THANK YOU FOR THE OPPORTUNITY TO BID THIS WORK!

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workers' Compensation Insurance. The General Conditions attached hereto or appearing on the back side of this Proposal are hereby incorporated by reference.

Authorized Signature:
Name: TYLER L. BROAD

Note: This proposal may be withdrawn by us if not accepted within

30 days

Method of Payment

- Check/cash upon invoicing
- Charge by VISA/MC upon completion of work

Account # _____ Exp. Date _____

Tax ID # _____

Elmer's reserves the right to request a credit report with this proposal.

Authorized Signature _____

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____ (Sign and return copy upon acceptance)

By: _____

Its: _____

Date of Acceptance _____

A finance charge of 1.5% per month, which is an annual percentage rate of 18% per year, or a minimum charge of \$.50 per month, shall be applied to all accounts over 30 days past due.

When reviewing estimates and selecting a contractor:

- Always get multiple bids for a project. The lowest bid is not necessarily the best choice. Try to get an understanding of why one bid is significantly lower or higher than others; the reasons might change your decision.
- Get recent references from the contractors you are considering.
- Make sure the contractor has the appropriate business and builder licenses, as well as insurance.
- All project specifications and payment terms should be written in the contract.
- The best contractors provide a written warranty or guarantee.

Fully Bonded & Insured • Daily quality control checks for all products

GENERAL CONDITIONS

No Oral Agreements:

It is expressly understood that all the items, agreements and conditions relating to this contract are only those expressed in writing herein, and that there are no oral representations, undertakings, terms, agreements or conditions of any kind other than those set forth in this Proposal. No modifications of this Proposal shall be valid unless such modification is in writing and signed by all parties to this Proposal.

Time For Acceptance, Approval:

This Proposal must be accepted by the Purchaser within thirty (30) days from the date hereof. If not accepted within that period, this Proposal may be withdrawn at Elmer's sole discretion and the Proposal considered void. A facsimile copy of this Proposal containing the Purchaser's signature shall be considered an original. This Proposal will not be binding until the signed acceptance has been timely received by Elmer's.

Estimated or Approximated Quantities:

Quantities of material and labor utilized and areas and sizes for the project in this Proposal are approximate and arrived at for estimating purposes only, and it is understood that payment is to be made on actual quantities of material and labor utilized and actual areas covered unless otherwise indicated.

Thickness:

The paving thickness referenced in this proposal is the average thickness. Variation in sub-base and technical limitations may result in variation of the thickness.

Property Lines:

Purchaser is responsible for establishing and designating property lines. To the fullest extent permitted by law, Purchaser shall defend, indemnify, and hold Elmer's harmless (including reasonable attorneys' fees) from and against any and all costs, expenses and/or damages incurred by Elmer's as a result of Purchaser's failure to properly identify and/or designate the property lines, including, without limitation, damages for trespass.

Delays:

Elmer's shall complete the project within a reasonable time but shall not be liable for delays beyond its reasonable control, including, without limitation, strikes, weather, accidents.

Permits:

Purchaser shall pay for and provide Elmer's any and all permits or assessments which are required for the project prior to the commencement.

Zoning:

Elmer's assumes no responsibility for determining whether Purchaser has legal right or authority to have the project completed in the manner and at the location described in this Proposal. Notwithstanding that the project might be determined to violate any ordinance, statute, regulation or other law, state, local or federal, the Purchaser shall, nevertheless, be obligated to pay Elmer's for the work performed and materials supplied in accordance with this Proposal. To the fullest extent permitted by law, Purchaser shall defend, indemnify, and hold Elmer's harmless (including reasonable attorneys' fees) from and against any and all costs, damages, and expenses associated with or related to the violation of any ordinance, regulation, or other law, either local, state or federal.

Wet or Unstable Subgrade:

A suitable subgrade provided by the Purchaser is a condition precedent to the requirement of Elmer's performance of this Proposal.

Stockpiling Materials:

Elmer's shall be permitted to stockpile materials necessary to the performance of its work, on the Purchaser's property, adjacent to the work site, without cost.

Underground Structures:

Purchaser shall identify in writing the existence and location of all underground structures including, without limitation, all sewer, water and gas lines, tanks, etc. which might be encountered by Elmer's in the performance of this Proposal. Elmer's shall be deemed to have notice only of the existence of those underground structures specifically referenced and identified in this Proposal, and of the location thereof as indicated in this Proposal. In the event the identity or location of an underground structure varies from that designated in this Proposal or by the Purchaser, any extra cost associated with moving, protecting or covering same, shall be the responsibility of the Purchaser. To the fullest extent permitted by law, Purchaser shall defend, indemnify, and hold Elmer's harmless from any and all costs, damages, and/or expenses (including reasonable attorneys' fees) resulting from Purchaser's failure to properly identify and/or locate any underground structure for Elmer's.

Unusual Conditions:

Should any unusual conditions be encountered that are either not specifically referenced in this Proposal or are not anticipated to be encountered by Elmer's in the performance of this Proposal, resulting in any extra costs in the performance of the work, the cost(s) thereof, shall be the full responsibility of the Purchaser.

Damage to Trees and Landscaping:

Elmer's shall not be responsible for damage to trees, shrubbery, flower beds, landscaping which may occur during the project, nor shall Elmer's be obligated to remove damaged or destroyed trees or landscaping or replace same.

Payment:

Payment is due in full upon completion of the project. However, interim billings for partial performance may be invoiced at Seller's discretion with payment due in full upon invoicing. A finance charge of 1.5% per month, which is an annual percentage rate of 18% (or a minimum charge of \$50 per month) shall be assessed on all accounts which are thirty (30) days past due.

Non-Payment, Default:

If Purchaser shall fail to make a payment when due or breaches any agreement in this Proposal, Purchaser will be in default. In the event of a default, Elmer's may, on written notice to Purchaser, terminate this Proposal and recover from Purchaser payment for all work completed and for a loss sustained as a result of such termination including, without limitation, loss of profit, repositioning costs, etc. In addition to any other remedies available, Elmer's may initiate suit for the collection or enforcement of this Proposal. Purchaser shall pay all costs incurred by Elmer's for collection or enforcement of this Proposal including actual attorney and/or agency fees. The rights, remedies and benefits provided by this Proposal to Elmer's shall be cumulative and not exclusive. The parties agree that all legal proceedings, relating to this Proposal, shall be heard and decided in a court of competent jurisdiction in Grand Traverse County, Michigan.

Acceptance:

All work performed and materials supplied shall be deemed accepted by the Purchaser if not objected to, in writing, within ten (10) days of the completion of the project.

MAINTENANCE GUARANTEE

This product is guaranteed against failure due to improper workmanship or materials. Use of a product for a purpose other than the disclosed or intended use or by heavier traffic than disclosed will void the guarantee. It is understood that this guarantee does not cover damage caused by intentional or accidental excavation, fire, flood, gasoline, oil, chemicals, subsurface water, overloading or other misuse. Failure of the purchaser to conform to the requirements of timely payment as stipulated in the General Conditions will void this guarantee. This guarantee does not apply to first or intermediate stages of construction. Asphalt bases are not guaranteed. This guarantee starts when the final wearing surface is placed.



PROPOSAL

P.O. Box 6150 Traverse City, MI 49696-6150
1.800.3ELMERS • 231.943.3443 • 231.943.8975 Fax
www.TeamElmers.com
EOE/AA

Esphalt™ • Excavation • Concrete • Cranes

Proposal submitted to: **GOURDIE FRASER, INC.**
ATTN: JENNIFER HODGES
123 W MAIN ST
TRAVERSE CITY, MI 49684

08/22/18
231-946-5874
jennifer@gfa.tc
Proposal # 2018-5132

We hereby submit specifications and estimates for:

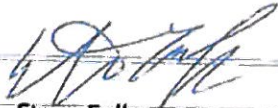
NORTHWEST WATER SYSTEM IMPROVEMENTS FOR CHARTER TOWNSHIP OF GARFIELD

Provide equipment, labor and materials to install a 2-foot by 18-inch stone trench drain around water tank with fabric.

Total \$7,850.00

I can be reached directly at 231-218-6018 or sfolkersma@teameimers.com
Thank you for the opportunity to bid this project

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any situation or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurances. Our workers are fully covered by Workers' Compensation Insurance. The General Conditions attached hereto or appearing on the back side of this Proposal are hereby incorporated by reference.


Authorized Signature
Name: **Steve Folkersma**

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Method of Payment Check/cash upon invoicing
 Charge by VISA/MC upon completion of work

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Account # _____ Exp. Date _____

Tax ID # _____
Elmer's reserves the right to request a credit report with this proposal.

Signature _____
By: _____ (Sign and return copy upon acceptance)
Its: _____

Authorized Signature _____

Date of Acceptance _____

A finance charge of 1.5% per month, which is an annual percentage rate of 18% per year, or a minimum charge of \$.50 per month, shall be applied to all accounts over 30 days past due.

When reviewing estimates and selecting a contractor:

- Always get multiple bids for a project. The lowest bid is not necessarily the best choice. Try to get an understanding of why one bid is significantly lower or higher than others; the reasons might change your decision.
- Got recent references from the contractors you are considering.
- Make sure the contractor has the appropriate business and builder licenses, as well as insurance.
- All project specifications and payment terms should be written in the contract.
- The best contractors provide a written warranty or guarantee.

Fully Bonded & Insured • Daily quality control checks for all products



Engineering
Surveying
Testing &
Operations

123 West Front
Traverse City, Michigan 49684
231 946 5874
231 946 3703

OWNER
Charter Township of Garfield

ENGINEER
Gourdie-Fraser
123 W. Front Street
Traverse City, MI 49684

CONTRACTOR
DN Tanks, Inc.
PO Box 670690
Dallas, TX 75267-0690

CONTRACT AMOUNT
ORIGINAL: \$935,000.00

COMPLETION DATE
ORIGINAL: November 30, 2017

DATES OF ESTIMATES
FROM: 12/31/17

REVISED: \$984,500.00

REVISED: August 31, 2018

TO: 08/31/18

APPLICATION FOR PROGRESS PAYMENT

Payment No. 5

Project: NW Water System Division A:

GFA Project No: 16037

Item	Description of Item	CONTRACT ITEMS (Original)		CONTRACT ITEMS (Revised)		THIS PERIOD		TOTAL TO DATE				
		Unit	Qty.	Cost/ Unit	Item Cost	Qty.	Cost/ Unit	Item Cost	Qty	Item Cost	%	
1	Mobilization/Bonds/Insurance	LS	1	\$16,300.00	\$16,300.00			\$0.00		1	\$16,300.00	100%
2	Excavation including installation of site piping and accessories (within 15' perimeter of tank)	LS	1	\$109,100.00	\$109,100.00			\$0.00		1	\$109,100.00	100%
3	Foundation	LS	1	\$74,900.00	\$74,900.00			\$0.00		1	\$74,900.00	100%
4	Tank Installation	LS	1	\$710,800.00	\$710,800.00			\$0.00		1	\$710,800.00	100%
5	Disinfection/Testing	LS	1	\$4,500.00	\$4,500.00			\$0.00		1	\$4,500.00	0%
6	Site Restoration and Grading	LS	1	\$19,400.00	\$19,400.00			\$0.00		0.5	\$9,700.00	50%
	Change Order No. 1 - Exterior Pilasters w/Hertz Band	LS	1	\$49,500.00	\$49,500.00			\$0.00		1	\$49,500.00	100%
				\$984,500.00	\$984,500.00			\$0.00			\$9,700.00	
											\$980,000.00	



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Operations

123 West Front Street
Traverse City, Michigan 49684
231 946 5874
231 946 3703

APPLICATION FOR PROGRESS PAYMENT

Payment No. 5

GFA Project No: 16037

Project: NW Water System Division A:

Original Contract Amount	935,000.00	
Change Orders	49,500.00	
Adjusted Contract Amount to Date	984,500.00	
Total Cost of Work Performed to date	980,000.00	99%
MINUS Retainage in Accordance with the Contract	98,000.00	10%
MINUS Additional Retainage	882,000.00	0%
Net Amount Earned on Contract and Extra Work to Date	882,000.00	
PLUS Value of Materials Stored at Close of This Period	873,270.00	
Subtotal		
MINUS Amount of Previous Payments	8,730.00	

BALANCE DUE THIS PAYMENT

Payment No.	Amount
1	221,984.59
2	422,082.41
3	206,812.80
4	22,390.20
TOTAL	873,270.00

CHANGE ORDERS	
No./Date	Amount
1 - 06/21/2017	\$49,500.00
2 - 12/30/2017	
TOTAL	\$49,500.00



Engineering
Surveying
Testing &
Operations

123 West Front Street
Traverse City, Michigan 49684
231.946.5874
231.946.3703

Payment No. 5

Project: NW Water System Division A:
Potable Water Storage Tank

GFA Project No: 16037

The undersigned CONTRACTOR certifies that: (1) Any previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with Work covered by prior Applications for Payment; (2) title to all Work, materials, and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all liens, claims, security interest and encumbrances (except such as are covered by Bond acceptable to OWNER indemnifying OWNER against any such lien, claim, security interest, or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the contract Documents and not defective as that term is defined in the Contract Documents

Eight Thousand Seven Hundred Thirty Dollars and No Cents
Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated: September 20, 2018

GOURDIE-FRASER
(ENGINEER)

Date:

(CONTRACTOR)

Authorized Signature

CONTRACT CHANGE ORDER #3 SUMMARY

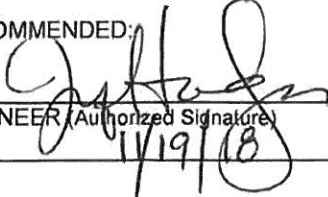

DATE OF ISSUANCE: 11/16/2018
 OWNER: Charter Township of Garfield
 CONTRACTOR: DN Tanks, Inc.
 Project Name: NW Water System - Potable Water Storage Tank
 Project No: Division A - 16037
 ENGINEER: Gourdie-Fraser

You are directed to make the following changes in the Contract Documents:

Description: **Winter Shutdown**

Reason for Change Order: **Tank Testing and Certification suspended due to site temperatures/frozen ground.
 Refer to Email from DN Tanks dated November 16,2018**

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price: \$935,000.00	Original Contract Times: Substantial Completion: <u>November 30, 2017</u> Ready for Final Payment: <u>November 30, 2017</u> (days or dates)
Increase from Previous: Change Orders <u>1</u> To <u>2</u> -0-	Contract Times prior to this Change Order: Substantial Completion: <u>August 31, 2018</u> Ready for Final Payment: <u>September 30, 2018</u> (days or dates)
Contract Price Prior to this Change Order: \$984,500.00	Net Increase this Change Order: Substantial Completion: <u>April 1, 2019</u> Ready for Final Payment: <u>May 1, 2019</u> (days or dates)
Net Increase of this Change Order:	Contract Times with all Approved Change Orders: Substantial Completion: <u>April 1, 2019</u> Ready for Final Payment: <u>May 1, 2019</u> (days or dates)
Contract Price with all Approved Change Order: \$984,500.00	

RECOMMENDED: By:  ENGINEER (Authorized Signature) Date: <u>11/19/18</u>	APPROVED: By: _____ OWNER (Authorized Signature) Date: _____	ACCEPTED By:  CONTRACTOR (Authorized Signature) Date: <u>11-19-18</u>
---	---	--

Jennifer Hodges

From: McInerny, Patrick <Patrick.Mcinerny@dntanks.com>
Sent: Friday, November 16, 2018 1:26 PM
To: Jennifer Hodges
Cc: Chuck Korn [ckorn@garfield-twp.com] (ckorn@garfield-twp.com); John Divozzo; Marty Alley
Subject: RE: DN Tanks - Garfield Township Tank

Jennifer, I agree to the following items below. At this time I do not think we have an issue with any flooding but has any consideration being given to changing the site layout to prevent this from happening in the future?

In any case we have no issue with completing this work next spring.

Thank you and Marty for all your help to date.

Thanks

Patrick J. McInerny Project Manager
DN TANKS | Generations Strong
Baltimore MD
patrick.mcinerny@dntanks.com
Cell 214.435.3770
www.dntanks.com

Connect with us...



From: Jennifer Hodges <jennifer@gfa.tc>
Sent: Friday, November 16, 2018 10:07 AM
To: McInerny, Patrick <Patrick.Mcinerny@dntanks.com>
Cc: Chuck Korn [ckorn@garfield-twp.com] (ckorn@garfield-twp.com) <ckorn@garfield-twp.com>; John Divozzo <jdivozzo@gandtraverse.org>; Marty Alley <marty@gfa.tc>
Subject: RE: DN Tanks - Garfield Township Tank

I have sent onto the client and will prepare the change order. DN It is unfortunate as if there had not been a leaking pipe and time lost with Elmer's to correct, this could have been avoided and eliminated additional. Please confirm the following items before the change order is approved:

1. The existing property owners have not experienced any flooding damage as a result of the draining that occurred over the last 2 days. If any does occur costs to correct will be born by DN Tanks
2. DN Tanks will continue to remain responsible for the tank operationally and financially until it has been successfully tested and approved. Site restoration, fixing of drain line valve will be implemented by DN Tanks at no additional costs and addressed in the spring.
3. No additional costs are to be incurred and the Township will continue to hold retainage until completion next spring.

Thank you for your attention to this matter
~Jennifer

From: McInerny, Patrick [<mailto:Patrick.McInerny@dntanks.com>]
Sent: Friday, November 16, 2018 9:19 AM
To: Jennifer Hodges <jennifer@gfa.tc>; Marty Alley <marty@gfa.tc>
Cc: Nedella, Matt <Matt.Nedella@dntanks.com>; Tyler Lee Broad (tbroad3@teamelmers.com)
<tbroad3@teamelmers.com>
Subject: DN Tanks - Garfield Township Tank

Jennifer, Due to the frozen ground and the site temperatures I don't think we can continue to drain the tank. The site is not capable of holding the water that is leaving the tank and we are creating an issue with water making it into the backyards of some of the houses that are close to the tank. I would like to propose to hold off draining any more of the tank until spring when the ground will allow more water to be absorbed and we can properly drain the tank. I would think we could do this in late March or early April. Please let me know if a time extension until then is acceptable and we will stay in touch and plan to be onsite once spring arrives.

Based on how much water is in the tank currently we should be fine to leave the tank alone over the winter with no issue.

Thanks

Patrick J. McInerny Project Manager
DN TANKS | Generations Strong
Baltimore MD
patrick.mcInerny@dntanks.com
Cell 214.435.3770
www.dntanks.com

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123 West Front S
Traverse City, Michigan 4
231 946 58
231 946 37

3. e.

November 21, 2018

Charter Township of Garfield
Attn: Chuck Korn
2848 Veterans Drive
Traverse City, MI 49684

RE: Traditions at Ashland Park – Umber Drive
GFA #17088
Close-out & Turnover

Dear Chuck:

The project for Traditions at Ashland Park, Umber Drive has been completed. Enclosed please find copies of the following items submitted by the contractor in compliance with the contract documents:

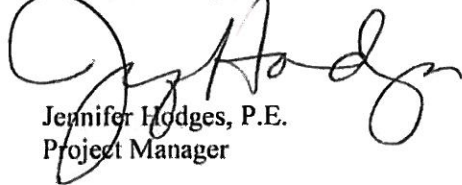
1. Letter of Guarantee
2. Affidavit of Completion/Consent of Surety
3. Recorded Grant of Easement – Previously completed with Project in 2005 and on file with Township
4. Bill of Sale

The Record Drawings and reports are completed and both paper and CD copies will be delivered to the Grand Traverse County Department of Public Works.

GFA has provided construction oversight for this project and hereby verifies to the best of our knowledge, the contractor has installed the facilities according to the approved plans and specifications. Based on this information, we recommend that the Township accept the facilities.

If you have any questions regarding this matter, please do not hesitate to contact our office.

Sincerely,
Gourdie-Fraser, Inc



Jennifer Hodges, P.E.
Project Manager

Enclosures

cc: John Divozzo, Grand Traverse County DPW

T:\Projects\17088\Closeout\Umber Drive\Turnover letter to Township.docx

LETTER OF GUARANTEE

DATE: November 14, 2018

17088
PROJECT NO.

OWNER: Charter Township of Garfield
2848 Veterans Drive
Traverse City, MI 49684

PROJECT: Traditions at Ashland Park
Umber Drive San Sewer & Water Main

Gentlemen:

As the Contractor for this Project, I hereby guarantee all materials and equipment furnished and all Work performed on this Project including any restoration Work necessary to be repaired or replaced.

With respect to this Project, to our personal knowledge, all payments have been made and there are no Liens on said system

This guarantee will remain in effect for a period of one (1) year from the date of acceptance by the Municipality.

Signature:



(Contractor)

Title: Steven Zakrajsek, President
(Please Print or Type)

Company Name:

Whitewater Restoration and Building
(Please Print or Type)

Address:

PO Box 76, Williamsburg, MI 49690

AFFIDAVIT OF COMPLETION/CONSENT OF SURETY

Steve ZAKRAJSEK

Name of Contractor

P.O. Box 76 Williamsburg MI 49690

Address of Contractor

being duly sworn, deposes and says that they entered into a Contract with Steve on the 1st day of Sept., 2018, for the Traditions Project.

Contractor further says that the said Contract has been completed and all indebtedness incurred by him to Subcontractors, Suppliers, and laborers in their employ has been paid in full. Contractor further says that there are no outstanding or pending Claims, Liens or actions in Law involving this Contract. Contractor further says this affidavit is furnished as an inducement to the Owner to make final payment on said Contract.

WITNESSES:

[Signature]

Wendy Cap
Print

SIGNED:

[Signature]

Steve ZAKRAJSEK
Print

Subscribed and sworn to before me this 14 day of November, 2018.

WENDY CAP

NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF GRAND TRAVERSE

My Commission Expires December 1, 2019

Acting in the County of Grand Traverse

[Signature]
Print Name

Notary Public Sign

My commission expires: 12-1-19

CONSENT OF SURETY

We, as Surety on the above-described Contract, hereby give our consent to the payment to the Contractor as indicated.

NAME OF SURETY COMPANY: _____

PERFORMANCE AND PAYMENT BOND NO.: _____

Date: _____

Signed: _____

Name: _____

BILL OF SALE

TNR Investment Corporation, whose address is P.O. Box 76, Williamsburg, MI 49690, (herein referred to as "Seller") for and in consideration of One (\$1.00) Dollar and other good and valuable consideration, does hereby grant, dedicate, transfer, and deliver to The charter Township of Garfield, whose address is 3848 Veterans Drive Traverse City, MI 49684, (herein referred to as the "Township"), 8" watermain and appurtenances and 8" sewer main and appurtenances (hereinafter referred to as the "Improvement").

DESCRIPTION OF WATER MAIN

Approximately 1,510 linear feet of 8" D.I water main water main along with hydrants, valves and appurtenances the location of which is as follows:

Approximately 420 linear feet of 8" D.I water main beginning at a point intersection of Traditions Dr and Ashland Drive and continuing east to blow off and gate valve. And commencing at existing 8" D.I water main in south Cottages approximately 214 linear feet easterly along Cupola Drive to Umber Drive. Thence northerly approximately 271 linear feet along Umber Drive. Thence westerly approximately 193 linear feet along Basil Drive. Thence northerly approximately 289 linear feet to connect with 8" D.I water main. And easterly approximately 123 linear feet along Olive Place to Hydrant 901.

DESCRIPTION OF SEWER MAIN



Approximately 2,326 linear feet of 8" SDR-35 sanitary sewer with manholes to service said sewer the location of which is as follows:

Approximately 188 linear feet of 8" SDR-35 sanitary sewer beginning at manhole #1408; then approximately 190 linear feet south to manhole #1447; then approximately 132 linear feet east to manhole #1448. AND approximately 175 linear feet east connecting at manhole #1452 to manhole #1453; then approximately 150 linear feet north to manhole #1454. AND connecting at existing manhole # 1414 and continuing northerly approximately 148 linear feet to manhole #1422, then northerly approximately 283 linear feet to manhole #1426 in Sepia Street. AND at manhole #1426, southerly along Sepia Street approximately 369 linear feet to manhole #1427. And at manhole #1427 easterly along Umber Drive, approximately 312 linear feet to manhole #1429, then easterly along Umber Drive approximately 125 linear feet. And at manhole #1427, westerly along Umber Drive approximately 254 linear feet to manhole #1438 and point of ending.

Seller hereby warrants and certifies to the Township that the Improvement has been acquired, constructed and completed in accordance with the Plans and Specifications of Jowiak Consulting for the Improvement previously approved by the Township, and that no claim, action, or liability exists with respect to the Improvement and its construction and installation.

Seller further warrants and represents to the Township that it is the lawful owner of the Improvement, and that the Improvement is free of all liens and encumbrances of any kind. Seller further represents that is has the authority to transfer the Improvement. All warranties and guarantees pertaining to the Improvement are hereby assigned and transferred to the Township.

Dated: 11-14-18

Witnessed By: 
Wendy 

By: 
Steve Zakrajsek
Owner/Developer

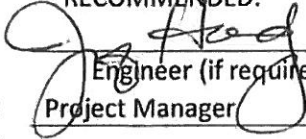
Change Order No. 2

Date of Issuance: November 20, 2018 Effective Date: November 20, 2018
 Owner: Charter Township of Garfield Owner's Contract No.: 2160565
 Contractor: Elmer's Crane and Dozer Contractor's Project No.: 470332
 Engineer: Gourdie Fraser Inc Engineer's Project No.: 17277
 Project: Boardman Valley Nature Preserve Site Improvements Contract Name:

The Contract is modified as follows upon execution of this Change Order:

Description: Request for Contract Time Extension for Final Completion
 Attachments: Letter from Elmer's dated November 16, 2018

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ _____	Original Contract Times: Substantial Completion: <u>June 22, 2018</u> Ready for Final Payment: <u>June 29, 2018</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: \$ _____	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: Substantial Completion: <u>N/A</u> Ready for Final Payment: _____ days
Contract Price prior to this Change Order: \$ _____	Contract Times prior to this Change Order: Substantial Completion: <u>September 30, 2018</u> Ready for Final Payment: <u>October 7, 2018</u> days or dates
[Increase] [Decrease] of this Change Order: \$ _____	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>June 1, 2019</u> Ready for Final Payment: <u>June 30, 2019</u> days or dates
Contract Price incorporating this Change Order: \$ _____	Contract Times with all approved Change Orders: Substantial Completion: <u>June 1, 2019</u> Ready for Final Payment: <u>June 30, 2019</u> days or dates

<p>RECOMMENDED:</p> <p>By: <u></u> Title: <u>Project Manager</u> Date: _____</p>	<p>ACCEPTED:</p> <p>By: _____ Title: <u>Owner (Authorized Signature)</u> Date: _____</p>	<p>ACCEPTED:</p> <p>By: _____ Title: <u>Contractor (Authorized Signature)</u> Date: _____</p>
---	--	---

Approved by Funding Agency (if applicable)

By: _____ Date: _____
 Title: _____



3600 Rennie School Road
Traverse City, MI 49685
Phone (231) 943-3443 • Fax (231) 943-8975
www.TeamElmers.com
EOE/AA

Alpena • Beaverton • Ellsworth • Hillman • Ludington • Manistee • Mt. Pleasant • Omer • Oscoda • Petoskey • Tri-City • White Cloud

CONTRACT EXTENSION CHANGE ORDER REQUEST LETTER

November 16, 2018

Gourdie-Fraser, Inc.
123 W Front St.
Traverse City, MI 49684

Re: Boardman Valley Nature Preserve Contract Extension Change Order #2

Dear Jennifer,

Elmer's Crane and Dozer, Inc. hereby requests that the contract for the Boardman Valley Nature Preserve Site Improvements be extended from final completion of September 30th, 2018 to June 1, 2019

The modification of the construction schedule is requested for the following reasons:

- The extremely high water table this fall made installation of the fence posts much more difficult and time consuming. The 10' fence that was added by the owner was installed at the end of the courts as is standard practice and had to be moved to the sides per the owners' request. This required removal and re-installation of two sides of the fencing.
- The last critical item of sealing and striping is highly weather dependent and requires both warm temperatures and a dry surface. It rained 7 of the last week in September and 15 of the 22 work days in October. Temperatures, when not raining, averaged 43 degrees.

Thank you for your consideration of this request.

Sincerely,

A handwritten signature in black ink, appearing to read "Max A Bott", written over a light blue horizontal line.

Max A Bott
Division Manager
Elmer's Crane and Dozer, Inc.

FORUM

Wireless Technologies: Benefits and Risks

When: December 4th, 2018 from 1pm to 5pm

Where: 5th Floor House Office Building (Lansing, MI)

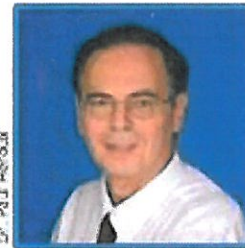


124 North Capitol, Lansing, MI

Featuring international and national experts on smart meters, cell phones, Wi-Fi, and 5G



Dr. Anthony Miller



Dr. Paul Hecourt



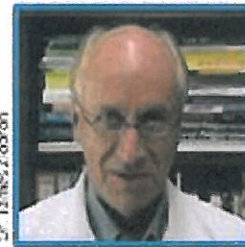
Ron Menick



Bill Blumstein



Coco Doucette



Dr. James Larson



Senator Patrick Coakley



Dana Tarnower



Frank Cofie

First forum of its kind!



Judith Battle

From: Chuck Korn
Sent: Thursday, November 15, 2018 6:32 PM
To: Judith Battle
Subject: FW: WIRELESS TECH FORUM DEC. 4 IN LANSING
Attachments: WIRELESS FORUM SCHEDULED SPEAKERS.pdf; Wireless Technology Forum.jpg

From: Belle Jackson [<mailto:bellejackson@comcast.net>]
Sent: Thursday, November 15, 2018 10:19 AM
To: Chuck Korn
Subject: WIRELESS TECH FORUM DEC. 4 IN LANSING

Dear Supervisor Korn and Township Board,

You're invited to attend an unprecedented gathering of world-renowned experts for an educational forum in the Mackinac Room, Lansing, MI.

Wireless Technologies & Public Health: Benefits and Risks

When: Tuesday, December 4 from 1 to 5 PM / Attend all day or Drop-in any time.

Where: Mackinac Room (5th Floor), Anderson House Office Building
124 N. Capitol Avenue, Lansing, MI 48933
(across from the State Capitol)

Topics to be discussed:

- Where technology is headed
- The current benefits and risks
- Technology and Public Health
- Personal and national cyber security
- Policy and advocacy
- Practical safeguards moving forward
- Can we make technology safer?

Speakers include renowned experts in the fields of technology, electric and magnetic fields, public health, toxicology, and medical research. See the attached flyer for a list of experts.

Please join us and other Michigan Municipal Leaders on Tuesday, December 4. We hope to see you there!

Jeanine Deal
Michigan Safe Technology
Email: michigansafetechnology@gmail.com

Pamela Wallace
Michigan Safe Tech Forward
Email: safetechforward@gmail.com

SCHEDULED SPEAKERS

- **Ron Melnick** – Independent consultant who served as toxicologist for 28 years at the National Institute of Environmental Health Sciences and the National Toxicology Program; designed recent NTP carcinogenicity studies on cell phone radiofrequency radiation
- **Frank Clegg** – Former President of Microsoft Canada, now CEO of Canadians for Safe Technology (C4ST)
- **Dr Paul Heroux** – Professor of Toxicology and Health Effects of Electromagnetism at McGill University, Canada
- **Dafna Tachover** – Israeli and U.S. lawyer responsible for Israeli Supreme Court limiting wireless technology in schools. Founding Director of We Are The Evidence, an organization advocating for rights of those injured by wireless technology
- **Cece Doucette** – Massachusetts activist who helped the 1st public school district in U.S. adopt Best Practices for Mobile Devices; collaborated with MA legislators to introduce bills addressing wireless radiation and public health, and worked with MA Dept of Public Health to draft EMF Fact Sheets
- **Theodora Scarato** – Citizen activist who influenced Maryland State Advisory Council on Children’s Environmental Health Protection to issue first ever state advisory recommendations to the Dept of Education to reduce radiofrequency exposures in the school setting
- **Dr James Ziobron** – Physician with 53 years of experience practicing medicine in Bruce Township, Michigan
- **Dr Anthony Miller** – Expert cancer researcher and World Health Organization advisor who linked wireless exposures to cancer calling it a Group 1 carcinogen to humans
- **Dr Devra Davis** – PhD MPH, Professor, author, and researcher on wireless radiation impacts to human reproduction

Also invited to present include representatives from:

- | | |
|---|--------------------------------------|
| - AT&T | - Comcast |
| - Verizon | - DTE |
| - Consumers Energy | - MI League of Conservation Voters |
| - MI Environmental Council | - MI Dept of Health & Human Services |
| - MI Public Service Commission/MI Agency for Energy | - MI Dept of Education |

Charter Township of Garfield**Construction Update****November 21, 2018****I. Water Projects****Northwest Service District – Water System Improvements**

Status below:

Division I: DN Tanks has completed the construction of the tank was onsite last week draining / testing tank upon completion of line repair that was found to be leaking and fixed by Subcontractor Elmers. Due to delays in scheduling and recent weather conditions did not prove conducive to accommodate the draining. The basins became inundated with water as the soil was frozen and did not allow for infiltration. Surrounding properties became flooded fortunately no damage occurred just surface ponding and work was immediately stopped. Contractor requested time extension to complete project in spring. Attached is a change order and pay application to review and approval by the Township Board.

Division II: Project started June 14th with a notification sent to all residents within Heritage Estates and watermain route and was Substantially Completed (Ready for its' intended use) by September 30th. Elmers has completed outstanding restoration items and punchlist and a walkthrough with the DPW is scheduled for November 27th. Project Closeout had been delayed waiting for tank to be approved for use however due to testing this was delayed. Division II contractor was responsible to make connection to tank so this item has been removed from their scope and project to be closed out. Division I contractor will perform this work in the spring after testing of tank is completed and approved

Division III: Booster Station / Mechanical Upgrade design is being finalized with Spring 2019 construction anticipated.

II. Sewer Projects**SAW Grant – US 31 Siphon Flow Monitoring**

Township board approved recommendations in report at September 26th 2017 meeting. GFA coordinated with the DPW to initiate operations change. Siphon continues to be monitored with increase in growth and permits on west side of town.

III. General Utilities**Sewer / Water City Contracts**

GFA continues to assist the Township on the proposed Lafranier Water Tank Rehabilitation Project that the City is conducting. Project has been reviewed and approved for storm water and utility compliance with Township Ordinances (subject to conditions). The evaluation of the new tank being a benefit to the existing Townships' infrastructure has been disputed by the Township and many discussions with the

City, DEQ and Township have occurred over the past couple years. Restrictions exist for the area serviced by Garfield Booster Station #7 which currently is limited to provide supply to 150 benefits. Based upon a recent meeting with DEQ, there is a potential for the new tank the City is constructing to benefit the Township and ability to eliminate the need / requirement to install a tank on the southeast side of the Township for Traditions and allow for excess of 150 benefits. Township and GFA are coordinating with City on specifics of operations, ability to initiate and costs.

Water Reliability Study

GFA completed the last study in 2012 and are to be completed every 5 years. GFA had requested a time extension from DEQ awaiting completion of work on Northwest side of town. With growth and interest to extend system to Olesons / Meadowlane and need for tank to service Traditions, DEQ has requested GFA complete a mini study for each service area (there are 5). This would include flow data and capacity assessment of existing infrastructure and must be completed by March 2019. GFA is currently in process of preparing. A complete water study including hydraulic can be completed in future at a date to be determined.

GIS Mapping

GFA has been working with the DPW to create an asset management program for the Township with respect to the Water and sewer Infrastructure. The 1st step of this process which includes creation of a GIS map that includes all record drawing information has been completed. GFA / DPW are now pursuing forward to inventory and GPS the locations of each. A current copy of the infrastructure has been provided to Erik to update the Township maps.

The BPW was recently awarded the CGAP grant as offered by the Michigan Dept of Treasury. This grant promotes collaboration of communities and efficiency in government. The funds covered 75% of the expenses including equipment (GPS handheld).

Drainage District Improvements / Cass Road 20" Watermain (exposed)

GFA continues to assist the Drain Commission and Township. Revisions submitted to GFA to complete 2nd and 3rd review and assistance with applying for DEQ Part 41 sewer permit; permits for the drain crossing have been approved by the DEQ. A project update meeting is scheduled end of this month. Bidding has been committed to occur in December / January 2019 and Spring (2019) construction following.

Boardman Valley Nature Preserve Site Improvements

GFA contract was approved to provide construction administration, testing, survey and closeout services at the July 2017 meeting. Contracts have been awarded to three (3) contractors for each division and a preconstruction meeting was held in March. Project was scheduled to start in May however there were several contractor delays and started 2 months behind schedule. Status:

MLP Contractor – Kayak Work Completed and Project Closed out

Elmers – Punchlist Items and final paint coatings on courts to be completed. Attached is a time extension request from Contractor as was not able to be completed due to weather conditions

G&J- Tree planting has been completed with some Punchlist items outstanding. In process of preparing closeout documents.

Water Service Expansion

Southwest Part of Township: Olesons Development have initiated and expressed an interest to partner to facilitate the extension of municipal watermain to service the respective developments. GFA has prepared budgetary cost estimates for various options to provide access to water service to the southwest side of the township which currently does not exist (terminates at McCrae / US-37).

West (Long Lake Township): Two (2) Developments off Gray Road have initiated and expressed an interest to partner to facilitate the extension of municipal watermain to service them GFA has prepared budgetary cost estimates to provide access to water.

Utility Plan Reviews

Traditions

All utilities have been installed and final walkthrough / punchlist has been conducted and completed for 2nd Phase (Umbert Water Main Extension). GFA worked with applicant to complete closeout documents. They are in the board packet for review and approval to accept the utilities.

Ridges at 45- Phase 3/4

GFA is representing the Township in full time construction oversight / closeout. All utilities have been installed and GFA is working with applicant on DPW walkthrough and turnover documents.

Contractors Drive (Cass Road)

Final Plans have been approved and DEQ Permits issued. Construction started last week and GFA is providing full time construction oversight.

Windy Hills (60 Acre Herkner Parcel)

GFA completed 3rd plan review and awaiting resubmittals.

Ashland Park - Phase 2 & 3

Plan review has been completed by GFA and currently awaiting resubmission with revisions and then will submit for DEQ Permits. Anticipated spring 2019 construction

Fox Run

Plans have been approved and am in receipt of all DEQ permits. GFA will be providing construction oversight. Fall Construction Anticipated

Eaglehurst Development – Phase II

GFA submitted project into DEQ for permitting and awaiting. GFA will be providing full time inspection and fall construction anticipated.

IV. 2018 Storm Water & Private Road Plan Reviews

5217 Royal Drive - Dentist Addition	approved
Ashland Park Phase 2&3	Approved (final plans and recorded Master Deed w/ SW Maintenance Plan to be submitted to Twp)
City of TC - Hickory Hills	approved pending revisions per letter (2/19/18)
Fox Run	Approved (final plans and SESC permit to be submitted to Twp)
Pine Grove Homes (4030 Meadowlane)	Approved (Sidewalk approval / Final plans to Twp)
Ridges at 45 - Phase 3 /4	Approved (recommend shallowing basin / final sealed plans to Twp)
1394 Industry Drive	Review letter sent to Engineer (4/16/2018) & Awaiting Revisions
Storage Units (Industry Drive)	Approved (final plans and SESC permit to be submitted to Twp)
3 Yellow Drive BMPs	Approved (final plans to be submitted to Twp)
1318 Industry Drive	Approved (final plans to be submitted to Twp)
Fergusons Lawn Equipment -2nd Review (Bill Crain)	Approved (final plans to be submitted to Twp)
45 Hughes Drive	Approved (final plans to be submitted to Twp)
Hobby Lobby	Approved (final plans and SESC permit to be submitted to Twp)
Logan Valley West LLC, Storage	Approved (final plans to be submitted to Twp)
Louie Meat Addition	Approved (final plans and SESC permit to be submitted to Twp)
3711 Elmers Drive - Building Addition	Approved (final plans and SESC permit to be submitted to Twp)
John's Marine Service	Approved (final plans and SESC permit to be submitted to Twp)
1127 Cass Road - Private Road Review	Review letter sent with comments / clarifications. Awaiting resubmission
635 Eta Lane	In Review

Happy
Thanksgiving



GTMESA 2018
November Report

Oct 25 – Parkshore Resort, East Bay – A hot water line running above the ceiling in the lobby which fed rooms failed at a soldered connection. This caused flooding in the lobby area. Station 1 crews assisted in shutting down the water to prevent further damage.

Oct 28 – Chemical Suicide, Manistee – Manistee first responders came across a deceased male on the beach in the morning hours. Before realizing the cause of death, the deceased was moved, and first responders were in contact with the man, his property, and in his vehicle. During their investigation it was discovered that it was a chemical suicide. Through various contacts Metro was requested to make the scene and aid in providing air monitoring and testing for hazards. Manistee was very thankful for all the work Lt Drewery and FF Winter put in to this scene.

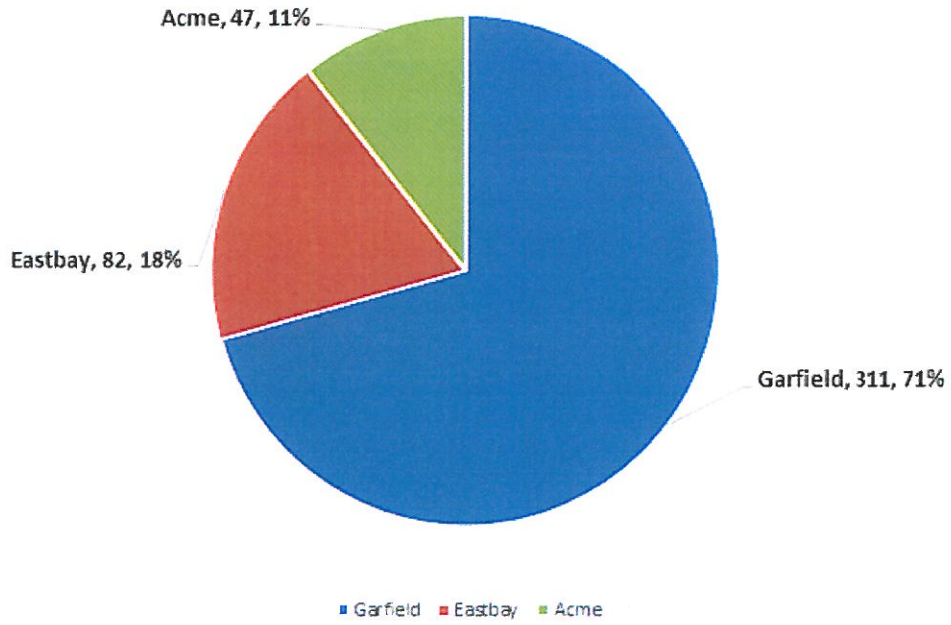
Nov 2 – Serious Crash, M72, Acme – A vehicle traveling at a high rate of speed crashed near 72 and Bates causing a four-car crash. A driver was ejected from the vehicle and was transported to Munson with additional personal for assistance. MMR, East Bay and Kalkaska EMS were also utilized to transport 6 other patients. The roadway was closed for roughly 4 hours to facilitate the investigation by GTSO and was spread across several hundred feet.

Nov 2 – Fatal Car Crash, East Silver Lake, Blair – A high speed chase that started in Garfield ended after the vehicle left the roadway just into Blair Township. Station 12 crews responded to aid Blair Twp in the extrication by providing lights and standby for fire suppression if needed.

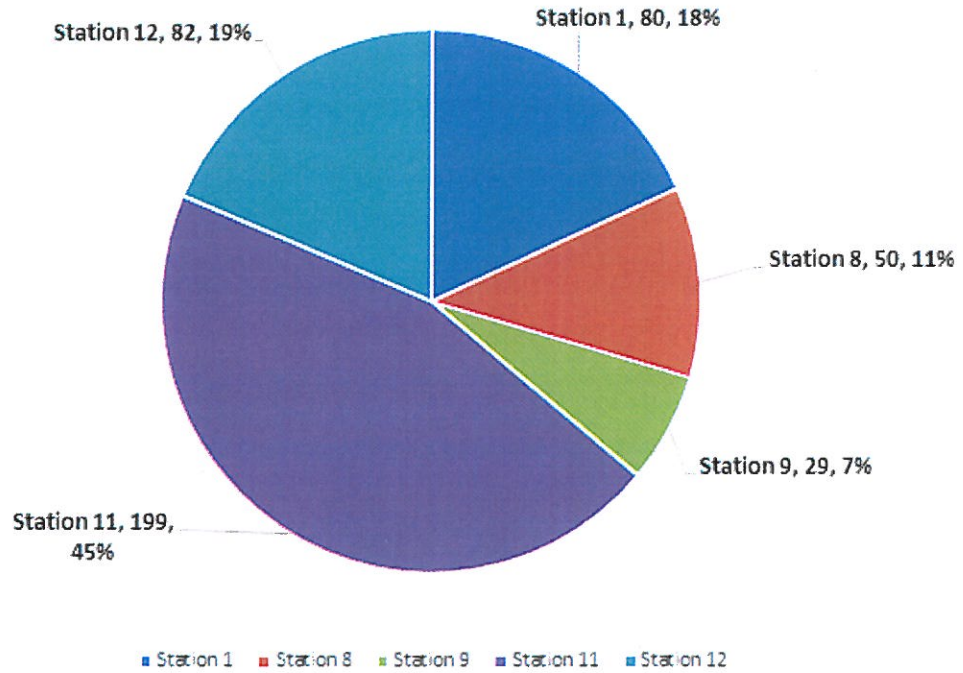
Crews aided MSP on Nov 6 to open the car more for further investigation needs. Station 12 once again provided lights and aided the trooper.

Nov 20 – Glen Eagle, Sumac Drive, Garfield – A small fire occurred in the apartment of a resident after cigarette butts were disposed of in a kitchen garbage can, causing a fire. Crews removed the burning garbage, vented the smoke, and a fire investigator stopped in to assist.

GTMESA - October 2018 incidents
440 Total



GTMESA Incidents October 2018 incidents
440 total



Fractile Emergency Response Times

Company IS NORTH FLIGHT INC; AND Trip Date IS BETWEEN 10/01/2018 AND 10/31/2018; AND Call Types IS Pre
 Priorities IS P - 1, Lights and Sirens; AND Response Zones IS GARFIELD TWSP-28

Response Time Minutes	Call Count	Cumulative Call Count	Percentage of Total Calls	Cumulative Percentage
<i>Negative Times</i>	6	6	4.00%	4%
<i>00:00 - 00:59</i>	2	8	1.00%	6%
<i>01:00 - 01:59</i>	4	12	3.00%	8%
<i>02:00 - 02:59</i>	6	18	4.00%	13%
<i>03:00 - 03:59</i>	19	37	13.00%	26%
<i>04:00 - 04:59</i>	17	54	12.00%	38%
<i>05:00 - 05:59</i>	28	82	20.00%	57%
<i>06:00 - 06:59</i>	13	95	9.00%	66%
<i>07:00 - 07:59</i>	18	113	13.00%	79%
<i>08:00 - 08:59</i>	10	123	7.00%	86%
<i>09:00 - 09:59</i>	7	130	5.00%	91%
<i>10:00 - 10:59</i>	6	136	4.00%	95%
<i>11:00 - 11:59</i>	2	138	1.00%	97%
<i>12:00 - 12:59</i>	1	139	1.00%	97%
<i>13:00 - 13:59</i>	2	141	1.00%	99%
<i>14:00 - 14:59</i>	2	143	1.00%	100%
Total Calls:	143			

6. c.

**CHARTER TOWNSHIP OF GARFIELD
GRAND TRAVERSE COUNTY, MICHIGAN**

RESOLUTION OF INTENT TO WITHDRAW FROM METRO

RESOLUTION #2018-39-T

WHEREAS, the communities of Acme, East Bay and Garfield formed the Grand Traverse Metro Emergency Services Authority to gain efficiency in providing fire protection to the three municipalities; and

WHEREAS, Common interests and goals provided the basis for shared expense and cooperation among the three members of the Authority, as reflected in the agreements signed in 2008; and

WHEREAS, Differences in the communities have arisen as the townships have grown, resulting in changes in the Lease, Policy and Practices of the Authority; and

WHEREAS, Changes have been consistently made on a two township verses one township basis, and corrective measures rejected; and

THEREFORE, BE IT HEREBY RESOLVED AS FOLLOWS:

1. The Charter Township of Garfield resolves to invoke its intention to withdraw from the Grand Traverse Metro Emergency Services Authority effective December 31, 2019.

2. The Charter Township of Garfield reserves the right to reverse this intention by resolution should acceptable amendment of the Articles of Incorporation and Leases be adopted as allowed and described currently in our agreements.

Moved:

Supported:

Ayes:

Nays:

Absent and Excused:

By: _____
Chuck Korn, Supervisor
Charter Township of Garfield

CERTIFICATE

I, Lanie McManus, Clerk of the Charter Township of Garfield, do hereby certify that the above is a true and correct copy of Resolution 2018-39-T which was adopted by the Township Board of the Charter Township of Garfield on the 27th day of November, 2018.

Dated: _____

Lanie McManus, Clerk
Charter Township of Garfield

Consumers Power proposal on street lights

Consumers Power would replace 13 missing streetlights which would be \$118.00 per pole for a total of \$1,534.00.

Consumers Power would replace 28 streetlight poles indentified as bad for \$324.00 per pole for a total of \$9,072.00.

The Supervisor recommends these two items.

There are 93 remaining streetlights that Consumers Power would replace at a cost of \$766.00 for a total cost of \$71,238.00.

The Supervisor recommends replacing these as they burn out or otherwise need repair.

	Cost to go to LED per pole	Number of poles	Total
13 missing streetlights	118	13	\$ 1,534.00
28 streetlight poles identified as bad.	324	28	\$ 9,072.00
93 remaining streetlights	766	93	\$71,238.00
		93 is an approximate value	



SD2 (DAVIT) CARBON STEEL

ANCHOR BOLTS

Anchor bolts conform to ASTM F1554 Grade-55 standards. Bolts have an "L" bend at one end and a minimum of 12" galvanized threads on the other end. Two galvanized flat washers per ASTM F436 and two galvanized hexagonal nuts per ASTM A563 Grade DH are provided with each bolt.

ANCHOR BASE

The base plate is fabricated from ASTM A36 carbon steel. The base is fabricated with slotted bolt holes to allow for a +/- 0.5" variance in listed nominal bolt circle size. The base plate telescopes the pole shaft and is circumferentially welded top and bottom.

HIGH BASE

Each pole assembly is fashioned with a Millerbernd Manufacturing Company High Base. The base is fabricated from the same material as the pole shaft and stands 27 inches tall. The pole shaft is slip fitted and welded to the base.

DIRECT-EMBEDDED BASE

Each pole assembly is fashioned with a direct embedded base. The base extends below the ground line and is fitted with a 1 inch coupling located 2' below the ground line for wire entrance. The direct embedded base is fashioned with an anti-rotation bearing strap on the bottom of the base.

SHAFT

The pole shaft conforms to ASTM A1011 Grade 50 carbon steel standards.

HANDHOLE

Reinforced handhole with cover, grounding lug, and hardware is provided with each pole assembly. Pole assemblies fabricated with a High-Base are provided with a flush mounted handhole with cover, grounding lug, and hardware.

ARMS

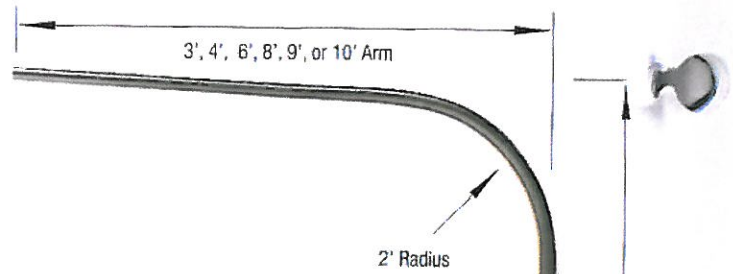
SD2 style arms are fabricated from 11 gauge ASTM A1011 Grade 50 carbon steel. SD2 arms are fitted with a 2.38" x 6" pipe adapter with 3 degrees nominal rise from the roadway for luminaire mounting. Arms are slip fitted onto the pole assembly and secured in place by set screws.

FINISHING

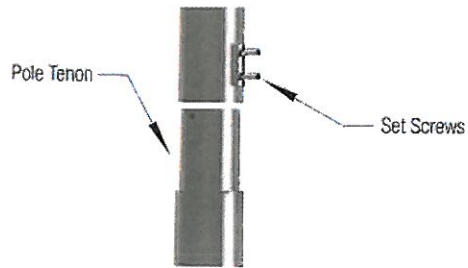
Carbon steel poles may be specified as hot-dip galvanized per ASTM A123 and/or finish painted with our standard Millerbond Wet Coat Finish.

HARDWARE

All hardware and fasteners are supplied with each pole assembly. All structural fasteners are galvanized high-strength carbon steel.



ARM ATTACHMENT DETAIL



TWIN ARM ARRANGEMENT



CROSS SECTION OPTIONS

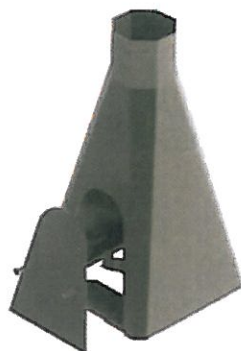


BASE OPTIONS

Anchor Base (A)



High-Base (H)



Direct-Embed (D)

