



**CITY OF STURGEON BAY COMMON COUNCIL AGENDA  
TUESDAY, MARCH 1, 2016  
7:00 P.M.  
CITY OF STURGEON BAY COUNCIL CHAMBERS  
421 MICHIGAN ST  
THAD G. BIRMINGHAM, MAYOR**

1. Call to order.
  2. Pledge of Allegiance.
  3. Roll call.
  4. Adoption of agenda.
  5. Presentation re: Civility Workshop (Shirley Senarighi)
  6. Consideration of the following bills: General Fund – \$4,650,717.37, Capital Fund - \$10,581.67, Cable TV - \$4,685.00, TID #2 - \$56,705.85, and Solid Waste Enterprise Fund - \$58,352.48 for a grand total of \$4,781,042.37. [roll call]
  7. CONSENT AGENDA
- \* All items listed with an asterisk (\*) are considered routine and will be enacted by one motion. There will be no separate discussion of these items unless a Council member requests before the Adoption of the Agenda, in which event the item will be removed from the Consent Agenda and considered immediately following the consent agenda.
- \* a. Approval of regular Common Council minutes from 2/16/16.
  - \* b. Approval of the following minutes:
    - (1) Aesthetic Design & Site Plan Review Board – 2/8/16
    - (2) Finance/Purchasing & Building Committee – 2/9/16
    - (3) Waterfront Redevelopment Authority – 2/15/16
    - (4) Parking & Traffic Committee – 2/15/16
    - (5) City Plan Commission – 2/17/16
    - (6) Community Protection & Services Committee – 2/18/16
    - (7) Board of Canvassers – 2/22/16
  - \* c. Place the following reports on file:
    - (1) Police Department Report – January 2016
  - \* d. Consideration of: Approval of beverage operator licenses.
  - \* e. Consideration of: Approval of Temporary Class B Beer and Temporary Class B Wine licenses.
  - \* f. Consideration of: Approval of Class A Beer and Class A Liquor licenses.
  - \* g. Finance/Purchasing & Building Committee recommendation re: Deny request from Rob Esposito, EPOS LLC to waive invoice #2016014 in the amount of \$125.00 and invoice #2016023 in the amount of \$125.00 for snow removal fees.

- \* h. Finance/Purchasing & Building Committee recommendation re: Approve bid from Custom Fab & Body, without trade in allowance and without the add-on of the brow light. Declare 1991 GMC TopKick 1800 gallon tender with 500 gpm pump surplus, and allow the use of the sale of proceeds to be used to purchase a radio, headsets, and other required equipment to outfit the new unit in an amount not to exceed the net amount of \$265,000 as allocated in the 2016 capital budget.
  - \* i. City Plan Commission recommendation re: Approve a zoning map amendment from Light Industrial (I-1) to Single Family Residential (R-1) for Arthur and Darlene Hohlfelder, for property located on Columbia Avenue, parcel #281-66-12001401 and #281-66-12001402.
8. Mayoral Appointments.
  9. Second reading of ordinance re: Chapter 20 of the Municipal Code (Zoning Code – Tourist Rooming Houses.)
  10. First reading of ordinance re: Rezone property location on Columbia Avenue from Light Industrial (I-1) to Single Family Residential (R-1). (#281-66-12001401 and #281-66-12001402)
  11. Community Protection & Services Committee recommendation re: Accept Section 10.34 of the Municipal Code regarding sex offender residency restrictions.
  12. First reading of ordinance re: Creating Section 10.34 of the Municipal Code – Sexual Offender Residency Restrictions.
  13. Committee Chairperson Reports:
    - a. City Plan Commission
    - b. Finance/Purchasing & Building Committee
    - c. Park & Recreation Committee
  14. Public comment on non-agenda items.
  15. Mayor's comments.
  16. Adjourn.

**NOTE: DEVIATION FROM THE AGENDA ORDER SHOWN MAY OCCUR.**

Posted:

Date: 2-26-16

Time: 12:00 pm

By: UM

CITY OF STURGEON BAY  
DEPARTMENT SUMMARY REPORT

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
GENERAL FUND				
GENERAL FUND				
REVENUE				
R0001364	BUCHMAN LAW FIRM,LLP	CLASS A BEER OVERPYMNT RFUND	01-000-000-44290	50.00
R0001364		CLASS A LIQUOR OVERPYMNT REFND	01-000-000-44290	50.00
R0001365	SUN COMMUNITIES	JAN '16 MHT OVERPAYMENT	01-000-000-41300	9.31
TOTAL REVENUE				109.31
REROOF W SIDE FIRE ST				
13170	BOARD OF COMMISSIONERS OF	WEST SIDE FIRE STATION ROOF	01-000-935-70000	5,090.83
13170		WEST SIDE FIRE STATION ROOF	01-000-935-70001	983.15
TOTAL REROOF W SIDE FIRE ST				6,073.98
TRACKLESS W/BLOWER				
13170	BOARD OF COMMISSIONERS OF	DPW TRACKLESS W/BLOWER	01-000-953-70000	22,659.07
13170		DPW TRACKLESS W/BLOWER	01-000-953-70001	738.44
TOTAL TRACKLESS W/BLOWER				23,397.51
REROOF MUNICIPAL SERVICES				
13170	BOARD OF COMMISSIONERS OF	ROOF-MUNICIPAL SERVICES	01-000-954-70000	3,174.85
13170		ROOF-MUNICIPAL SERVICES	01-000-954-70001	544.67
TOTAL REROOF MUNICIPAL SERVICES				3,719.52
SQUADS (2) 2011				
13170	BOARD OF COMMISSIONERS OF	PD SQUADS 2011	01-000-962-70000	10,925.88
13170		PD SQUADS 2011	01-000-962-70001	356.06
TOTAL SQUADS (2) 2011				11,281.94
UTILITRUCK				
13170	BOARD OF COMMISSIONERS OF	DPW UTILITY TRUCK	01-000-964-70000	1,254.35
13170		DPW UTILITY TRUCK	01-000-964-70001	40.88
TOTAL UTILITRUCK				1,295.23
ONE TON DUMP TRUCK				
13170	BOARD OF COMMISSIONERS OF	DPW ONE TON DUMP TRUCK	01-000-965-70000	4,663.85
13170		DPW ONE TON DUMP TRUCK	01-000-965-70001	151.99
TOTAL ONE TON DUMP TRUCK				4,815.84
PREL. BREATH TESTERS				
13170	BOARD OF COMMISSIONERS OF	PD BREATH TESTERS	01-000-967-70000	427.50
13170		PD BREATH TESTERS	01-000-967-70001	106.01
TOTAL PREL. BREATH TESTERS				533.51
DEFIBRILLATOR				
13170	BOARD OF COMMISSIONERS OF	FD DEFIBULATOR	01-000-968-70000	94.14
13170		FD DEFIBULATOR	01-000-968-70001	23.35
TOTAL DEFIBRILLATOR				117.49
RESCUE ROPE				
13170	BOARD OF COMMISSIONERS OF	FD RESCUE ROPE	01-000-969-70000	148.04

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
GENERAL FUND				
RESCUE ROPE				
13170		FD RESCUE ROPE	01-000-969-70001	36.71
		TOTAL RESCUE ROPE		184.75
Y VALVES				
13170	BOARD OF COMMISSIONERS OF	FD Y VALVES	01-000-970-70000	60.04
13170		FD Y VALVES	01-000-970-70001	14.89
		TOTAL Y VALVES		74.93
COMMERCIAL WASHER				
13170	BOARD OF COMMISSIONERS OF	FD COMMERCIAL WASHER	01-000-971-70000	710.41
13170		FD COMMERCIAL WASHER	01-000-971-70001	176.17
		TOTAL COMMERCIAL WASHER		886.58
LINE PAINT MACHINE				
13170	BOARD OF COMMISSIONERS OF	DPW LINE PAINT MACHINE	01-000-974-70000	1,239.06
13170		DPW LINE PAINT MACHINE	01-000-974-70001	307.27
		TOTAL LINE PAINT MACHINE		1,546.33
GARAGE DOORS				
13170	BOARD OF COMMISSIONERS OF	DPW GARAGE DOORS	01-000-978-70000	431.82
13170		DPW GARAGE DOORS	01-000-978-70001	107.08
		TOTAL GARAGE DOORS		538.90
UTILITRUCK				
13170	BOARD OF COMMISSIONERS OF	DPW UTILITY TRUCK	01-000-979-70000	573.52
13170		DPW UTILITY TRUCK	01-000-979-70001	142.22
		TOTAL UTILITRUCK		715.74
SALTERS				
13170	BOARD OF COMMISSIONERS OF	(2) SALT SPREADERS	01-000-982-70000	8,244.05
13170		(2) SALT SPREADERS	01-000-982-70001	1,336.26
		TOTAL SALTERS		9,580.31
MARTIN PARK				
13170	BOARD OF COMMISSIONERS OF	MARTIN PARK RESTROOMS	01-000-983-70000	7,886.55
13170		MARTIN PARK RESTROOMS	01-000-983-70001	1,278.31
		TOTAL MARTIN PARK		9,164.86
MINI PUMPER REFURBISH				
13170	BOARD OF COMMISSIONERS OF	UNIT 8 CHASSIS	01-000-984-70000	18,072.45
13170		UNIT 8 CHASSIS	01-000-984-70001	2,929.31
		TOTAL MINI PUMPER REFURBISH		21,001.76
		TOTAL GENERAL FUND		95,038.49

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
GENERAL FUND				
CHASE	JP MORGAN CHASE BANK	NAME TAGS	01-100-000-54999	11.10
CHASE		EHLERS CONF HOTEL RESERVE	01-100-000-55600	116.74
TOTAL				127.84
TOTAL MAYOR				127.84
CITY COUNCIL				
BUBRICKS	BUBRICK'S COMPLETE OFFICE, INC	DESK CALENDARS	01-105-000-54999	4.36
TOTAL				4.36
TOTAL CITY COUNCIL				4.36
LAW/LEGAL				
16555	PINKERT LAW FIRM, LLP	01/16 TRAFFIC MATTERS	01-110-000-55010	798.00
TOTAL				798.00
TOTAL LAW/LEGAL				798.00
CITY CLERK-TREASURER				
13901	MTAW	2016 MEM DUES-CLARIZIO	01-115-000-56000	55.00
22800	WALMART COMMUNITY	ELECTION SUPPLIES	01-115-000-54999	48.29
BUBRICKS	BUBRICK'S COMPLETE OFFICE, INC	OFFICE SUPPLIES	01-115-000-51950	60.90
CHASE	JP MORGAN CHASE BANK	MTG REGISTER/REINHARDT	01-115-000-55600	22.00
CHASE		EHLERS CONF HOTEL RESERVE	01-115-000-55600	116.74
CHASE		2 BLACK TONERS	01-115-000-51950	93.98
CHASE		BUSINESS CARDS-REINHARDT	01-115-000-51950	30.99
TOTAL				427.90
TOTAL CITY CLERK-TREASURER				427.90
ADMINISTRATION				
CHASE	JP MORGAN CHASE BANK	EHLERS CONF HOTEL RESERVE	01-120-000-55600	116.74
TOTAL				116.74
TOTAL ADMINISTRATION				116.74
COMPUTER				
03101	CDW GOVERNMENT, INC.	SEAT ADOBE ACROBAT STANDRD	01-125-000-55550	215.00
R0000638	J MAUEL & ASSOCIATES	2016 PETS PROGRAM	01-125-000-51100	200.00
TOTAL				415.00

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
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GENERAL FUND				
TOTAL COMPUTER				415.00
CITY ASSESSOR				
04650	DOOR COUNTY REGISTER OF DEEDS	ONLINE ACCESS -ANNL FEE	01-130-000-58999	100.00
ASSO APP	ASSOCIATED APPRAISAL	03/01/16 CONTRACT	01-130-000-55010	1,245.84
TOTAL				1,345.84
TOTAL CITY ASSESSOR				1,345.84
BUILDING/ZONING CODE ENFORCEMT				
SAFEBUILD	SAFE BUILT	JANUARY PERMITS	01-140-000-55010	3,083.04
SAFEBUILD		MOBILE HOME INSPECTION	01-140-000-55010	84.00
TOTAL				3,167.04
TOTAL BUILDING/ZONING CODE ENFORCEMT				3,167.04
MUNICIPAL SERVICES ADMIN.				
03133	CELLCOM WISCONSIN RSA 10	01/16 CHAD CELL SVC	01-145-000-58250	14.18
CHASE	JP MORGAN CHASE BANK	SURVEYORS CLASS	01-145-000-55600	240.00
CHASE		DSPS LICENSE RENEWAL-SPETZ	01-145-000-55600	83.64
CHASE		ASPHALT PVEMNT CLASS-SPETZ	01-145-000-55600	995.00
CHASE		HOTEL-SPETZ	01-145-000-55600	184.10
CHASE		HOTEL & PRKING-SHEFCHIK	01-145-000-55600	675.00
CHASE		FUEL	01-145-000-55600	25.38
TOTAL				2,217.30
TOTAL MUNICIPAL SERVICES ADMIN.				2,217.30
PUBLIC WORKS ADMINISTRATION				
03133	CELLCOM WISCONSIN RSA 10	01/16 STEVE W CELL SVC	01-150-000-58250	20.87
03133		01/16 BOB B CELL SVC	01-150-000-58250	49.30
22800	WALMART COMMUNITY	COFFEE POT	01-150-000-54999	39.92
CHASE	JP MORGAN CHASE BANK	OFFICE SUPPLIES	01-150-000-51950	53.32
CHASE		CREDIT SALES TAX	01-150-000-51950	-2.78
TOTAL				160.63
TOTAL PUBLIC WORKS ADMINISTRATION				160.63
ELECTIONS DEPARTMENT				
04975	ECONO FOODS	SWEET ROLLS	01-155-000-54999	18.70
16575	PIP PRINTING	LAMINATION OF DISTRICT MAPS	01-155-000-54999	73.55

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GENERAL FUND				
CHASE	JP MORGAN CHASE BANK	STAMPS	01-155-000-54999	49.00
TOTAL				141.25
TOTAL ELECTIONS DEPARTMENT				141.25
CITY HALL				
08280	HILL BUILDING MAINTENANCE INC	OCT. CITY HALL CLEANING	01-160-000-55300	590.00
08280		WINDOW WASHING	01-160-000-55300	275.00
COMM	COMMUNICATION ENGINEERING CO	REPAIR FIRE PULL STATION	01-160-000-58999	2,175.30
KONE	KONE INC.	#1 ELEVATOR REPAIR	01-160-000-58999	495.00
KONE		#1 ELEVATOR INSPECTION	01-160-000-58999	495.00
KONE		PASSENGER ELEVATOR REPAIRS	01-160-000-58999	1,182.78
VIKING	VIKING ELECTRIC SUPPLY, INC	BALLAST	01-160-000-55300	15.62
VIKING		FLOOD LIGHTS	01-160-000-55300	38.72
WARNER	WARNER-WEXEL WHOLESALE &	PAPER PRODUCTS	01-160-000-54999	110.66
WEYERS	WEYERS EQUIPMENT, INC	PULLEY AND BELT	01-160-000-55300	54.73
TOTAL				5,432.81
TOTAL CITY HALL				5,432.81
GENERAL EXPENDITURES				
08167	GANNETT WISCONSIN NEWSPAPERS	SEASONAL HELP AD	01-199-000-57450	196.50
08167		TANDEM TRUCK BID	01-199-000-57450	56.25
08167		CITY HALL CUSTODIAN AD	01-199-000-57450	589.50
08167		PUBLIC HEARING-NEW URBAN	01-199-000-57450	34.79
08167		PUBLIC HEARING-JIM OLSON	01-199-000-57450	36.07
08167		PUBLICATION	01-199-000-57450	17.92
08167		COUNCIL PUBLICATION	01-199-000-57450	663.36
13875	MUNICIPAL CODE CORP	ANNUAL CODE ON WEBSITE	01-199-000-51100	950.00
MEUW	MUNICIPAL ELECTRIC UTILITIES	2016 QTR 1 PROGRAM FEES	01-199-000-55605	1,312.50
TOTAL				3,856.89
TOTAL GENERAL EXPENDITURES				3,856.89
POLICE DEPARTMENT				
CHASE	JP MORGAN CHASE BANK	FBI LEEDA MMBRSHP RENW-BRINKMN	01-200-000-56000	50.00
CHASE		FBI NTL RENEWAL-BRINKMAN	01-200-000-56000	85.00
CHASE		WI CHIEF MMBRSHP RENEW BRINKMN	01-200-000-56000	65.00
CHASE		REGISTR SUPVISR LEADR/BRNKMAN	01-200-000-55600	650.00
CHASE		CLOTHING ALLOW/BRINKMAN	01-200-000-52900	152.96
CHASE		CLOTHING ALLOW-SHOES-BRINKMAN	01-200-000-52900	67.99
CHASE		LODGING/BRINKMAN	01-200-000-55600	73.50
CHASE		LODGING/BRINKMAN	01-200-000-55600	90.10
CHASE		TOSHIBA HARD DRIVE	01-200-000-55500	131.86
CHASE		SOFTWARE	01-200-000-55500	40.48
TOTAL				1,406.89

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
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GENERAL FUND

TOTAL POLICE DEPARTMENT 1,406.89

POLICE DEPARTMENT/PATROL

01766	AURORA MEDICAL GROUP	PRE EMPLOY SCREEN/E JOSE	01-215-000-57100	208.00
03133	CELLCOM WISCONSIN RSA 10	12/15 SQUAD PRINTERS	01-215-000-58250	-201.24
03133		01/16 SQUAD PRINTERS	01-215-000-58250	221.76
03133		01/16 CELLPHONES	01-215-000-58250	665.54
04590	DOOR COUNTY HUMANE SOCIETY	2016 2ND QTR ANIML CONTRL	01-215-000-55100	2,562.18
04696	DOOR COUNTY TREASURER	1146.50G @ 1.6230/G	01-215-000-51650	1,860.77
06650	GALLS, AN ARAMARK COMPANY	2 UNIFORM SHIRTS/DUTY BOOTS/JJ	01-215-000-52900	156.03
19880	STURGEON BAY UTILITIES	747 N 3RD AVE SUNSET PK BT	01-215-000-56150	11.38
19880		724 SHORECREST RD CAMERA	01-215-000-56150	11.38
19959	SUPERIOR CHEMICAL CORP	4 OZ O-GERM HAND SANTIZER	01-215-000-54999	97.67
21450	THE UNIFORM SHOPPE	ARTIC HAT/CROMWELL	01-215-000-52950	27.95
22800	WALMART COMMUNITY	MISC SUPPLIES	01-215-000-54999	9.17
ADVANTAG	ADVANTAGE POLICE SUPPLY, INC	PEPPER SPRAY/OC CANISTERS	01-215-000-51050	137.10
CHASE	JP MORGAN CHASE BANK	15 CARTRIDGES	01-215-000-51050	443.17
CHASE		MEAL	01-215-000-54999	9.06
CHASE		CRIME 123 REGISTR-MOGEN	01-215-000-55600	134.18
CHASE		CRIME 123 REGISTR-WIEGAND	01-215-000-55600	134.18
CHASE		CRIME 123 REGISTR-GRAY	01-215-000-55600	134.18
CHASE		CRIME 123 REIGISTR-JENNRJOHN	01-215-000-55600	134.18
CHASE		FLOOR MAT	01-215-000-54999	47.82
CHASE		6 AR-15 SLING ADAPTERS	01-215-000-51050	137.94
CHASE		GUN CLEANING PATCHES	01-215-000-51050	141.16
CHASE		6 SLINGS FOR GUNS	01-215-000-51050	53.94
CHASE		GUN CLEANING WASHER	01-215-000-51050	59.97
CHASE		CHILI/OZZY RETIREMENT	01-215-000-54999	45.00
HENRY	CLINT HENRY	LODGING/HENRY	01-215-000-55600	88.67
TOTAL				7,331.14

TOTAL POLICE DEPARTMENT/PATROL 7,331.14

POLICE DEPT. / INVESTIGATIONS

06650	GALLS, AN ARAMARK COMPANY	DUTY BOOTS-HENRY	01-225-000-52900	96.00
22800	WALMART COMMUNITY	DVD'S (8.5GB)	01-225-000-51500	10.43
CHASE	JP MORGAN CHASE BANK	D.A.R.E SHIRTS	01-225-000-57950	367.11
TOTAL				473.54

TOTAL POLICE DEPT. / INVESTIGATIONS 473.54

FIRE DEPARTMENT

03075	CARQUEST OF DOOR COUNTY	BULB	01-250-000-53000	2.22
03075		R-1 AIR FITTING	01-250-000-53000	4.98
04575	DOOR COUNTY HARDWARE	ASSORTED CLEANERS	01-250-000-54999	32.24
04575		EXHAUST HOSE RECOIL CABLE	01-250-000-53000	6.22
04575		FASTENERS, SEALANT, TAPE	01-250-000-54999	18.82

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
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GENERAL FUND				
04575		SCOTCH OUTDOOR TAPE	01-250-000-54999	14.99
04575		DUCT TAPE & SPRAY PAINTS	01-250-000-54999	33.44
04575		VELCRO, FASTENERS, PROTECTANT	01-250-000-54999	32.75
04575		ROPE, DUCT TAPE, HARDWARE	01-250-000-54999	22.30
04575		STRAPS, FASTENERS, DUCT TAPE	01-250-000-54999	46.93
04575		GORILLA GLUE	01-250-000-54999	4.99
04575		FASTENERS & PROPANE TORCH	01-250-000-54999	15.67
04575		BULK STRAP	01-250-000-52350	17.16
04575		ASSORTED SUPPLIES	01-250-000-54999	43.33
04575		WEDGE HANDLE	01-250-000-51350	6.37
04575		SUPPLIES	01-250-000-54999	7.28
04575		CLAMP	01-250-000-54999	2.79
04696	DOOR COUNTY TREASURER	JAN FUEL	01-250-000-51650	805.04
06012	FASTENAL COMPANY	PIPE CLAMP	01-250-000-53000	0.91
08140	HEIMAN FIRE EQUIPMENT, INC.	AIR EJECT	01-250-000-53000	373.90
08140		ADAPTER KIT	01-250-000-53000	105.90
08140		PUMP REBUILD KIT	01-250-000-53000	175.00
08140		SHIPPING	01-250-000-53000	26.30
08167	GANNETT WISCONSIN NEWSPAPERS	TANKER BID	01-250-000-56000	158.30
08225	HERLACHE SMALL ENGINE	SAW BAR REPLACEMENT	01-250-000-51350	71.99
16570	PIONEER FIRE COMPANY	UNIFORMS	01-250-000-52900	176.00
19880	STURGEON BAY UTILITIES	835 N 14TH AVE SALT SHED	01-250-000-56675	5.20
19880		835 N 14TH AVE CITY GARAGE	01-250-000-56675	42.00
19880		SUNSET CNTR CONC	01-250-000-56675	42.00
19880		FRANK GRASSE MEM SHELTER	01-250-000-56675	13.00
19880		OTUMBA PARK	01-250-000-56675	5.20
19880		WEST SIDE WARMING HOUSE	01-250-000-56675	5.20
19880		WEST SIDE FIRE STATION	01-250-000-56675	42.00
19880		WEST SIDE FIRE STATION	01-250-000-56150	120.99
19880		WEST SIDE FIRE STATION	01-250-000-58650	96.23
19880		38 S NEENAH AVE PAVILLION	01-250-000-56675	5.20
19880		38 S NEENAH AVE RESTROOM	01-250-000-56675	26.00
19880		JAYCEES BALLEFLD STAND	01-250-000-56675	13.00
19880		MICH ST JC BALLFLD SPRINK	01-250-000-56675	42.00
19880		WEST SIDE BALL FLD LITES	01-250-000-56675	5.20
19880		916 N 14TH AVE WARNING SIREN	01-250-000-56150	8.24
19880		COVE RD/CANAL RD SIREN	01-250-000-56150	14.54
19880		835 N 14TH AVE SIGN SHED	01-250-000-56675	5.20
19880		CHERRY BLOSSOM PRK	01-250-000-56675	13.00
19880		CLAY BANKS SIREN	01-250-000-56150	16.40
22800	WALMART COMMUNITY	ACCOUNTABILITY SUPPLIES	01-250-000-52350	16.52
22800		REHAB TRAINING	01-250-000-55600	23.67
CHASE	JP MORGAN CHASE BANK	COMPUTER CORD	01-250-000-54999	23.60
CHASE		T-I TANK STRAP	01-250-000-53000	7.18
CHASE		OFFICE BOXES	01-250-000-51950	42.18
CHASE		ISO CLASS	01-250-000-55600	130.00
CHASE		BEDDING-	01-250-000-52250	133.33
CHASE		RADIO BATTERIES	01-250-000-57550	98.65
CHASE		COLLAR BRASS	01-250-000-52900	6.50
CHASE		SCENE LIGHT	01-250-000-51350	127.99
CHASE		ACCOUNTABILITY TAGS	01-250-000-52350	51.70
CHASE		SAW REPLACEMENT #6	01-250-000-51350	291.90
CHASE		BLUE CARD COMMAND	01-250-000-55600	1,155.00
CHASE		TRAINING MEAL	01-250-000-55600	93.30
CHASE		TOPPER #11	01-250-000-51350	450.00
CHASE		CREDIT	01-250-000-54999	-1.99

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
-----				
GENERAL FUND				
CHASE		LODGING	01-250-000-55600	189.00
CHASE		MEALS	01-250-000-55600	14.54
CHASE		TRAINING REHAB	01-250-000-55600	20.40
CHASE		SHIPPING-MANSAR BOARD	01-250-000-51350	153.57
O'REILLY	O'REILLY AUTO PARTS	FUSES	01-250-000-53000	3.69
O'REILLY		SYNTH OIL	01-250-000-53000	9.19
O'REILLY		R-I AIR FITTING	01-250-000-53000	6.52
O'REILLY		PLUGS	01-250-000-53000	6.47
O'REILLY		LATCHES	01-250-000-53000	17.98
O'REILLY		LIGHT KIT	01-250-000-53000	6.39
O'REILLY		BULBS	01-250-000-53000	4.78
O'REILLY		LIGHT BULB #11	01-250-000-53000	5.69
O'REILLY		ELECTRICAL CONNECTORS	01-250-000-53000	26.98
OVERHEAD	OVERHEAD DOOR CO. OF	OVERHEAD DOOR REPAIR	01-250-000-56250	560.26
US CELL	US CELLULAR	MONTHLY DATA	01-250-000-58250	62.76
		TOTAL		6,464.17
		TOTAL FIRE DEPARTMENT		6,464.17
STREET SWEEPING				
04545	DOOR COUNTY COOPERATIVE	WIRE FOR LED LIGHTS-SWEEPER	01-330-000-51400	64.06
		TOTAL		64.06
		TOTAL STREET SWEEPING		64.06
SNOW REMOVAL				
02844	BRUCE MUNICIPAL EQUIPMENT INC	SHIMS FOR TRACKLESS	01-410-000-51400	65.93
02844		OUTSIDE MIRROR-TRACKLESS BLOWR	01-410-000-51400	177.03
06012	FASTENAL COMPANY	BOLT	01-410-000-51400	6.26
06012		PLOW BOLTS	01-410-000-51400	449.52
06012		TIE WRAPS	01-410-000-51400	10.18
BLUE TRP	BLUE TARP FINANCIAL	SALTER PARTS	01-410-000-51400	67.69
COMPASS	COMPASS MINERALS AMERICA	243.86 TN SALT @ 66.62/TON	01-410-000-52400	16,245.97
COMPASS		59.27 TON SALT @ 66.62/TON	01-410-000-52400	3,948.57
WAUAS	WAUSAU EQUIPMENT CO INC	CHAINS FOR BLOWER	01-410-000-51400	1,897.05
WAUAS		SPROCKET & SHAFT	01-410-000-51400	2,400.75
WAUAS		OIL SEAL	01-410-000-51400	45.88
		TOTAL		25,314.83
		TOTAL SNOW REMOVAL		25,314.83
STREET MACHINERY				
01720	ARING EQUIPMENT COMPANY INC	TAIL LIGHT	01-450-000-53000	78.87
04696	DOOR COUNTY TREASURER	231.58 G FUEL @ 1.623/G	01-450-000-51650	375.85
04696		3323.60 G DSL @ 2.655/G	01-450-000-51650	8,824.16
06005	JFTCO, INC	CREDIT RETURN FILTER	01-450-000-53000	-16.68
06005		GRADER PARTS	01-450-000-53000	293.71

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
-----				
GENERAL FUND				
13655	MONROE TRUCK EQUIPMENT, INC	HYDRAULIC CONTROLS	01-450-000-53000	1,266.42
13655		CIRCUIT BREAKER SWITCH	01-450-000-53000	79.10
EH WULF	E.H. WOLF & SONS, INC.	BULK OIL	01-450-000-53000	1,244.00
GREEN BA	GREEN BAY REBUILDERS, LLC	CLEAN & REPAIR GRADR RADIATOR	01-450-000-58600	275.00
		TOTAL		12,420.43
		TOTAL STREET MACHINERY		12,420.43
CITY GARAGE				
01469	AIRGAS NORTH CENTRAL	BOTTLED GAS	01-460-000-54999	241.48
01469		BOTTLE REFILL	01-460-000-58999	93.38
06012	FASTENAL COMPANY	COVERALLS	01-460-000-52350	222.43
08225	HERLACHE SMALL ENGINE	SAFETY CHAPS, HELMET, FACE SHEIL	01-460-000-52350	199.98
12373	LEON GEZELLA	PAPER TOWELS	01-460-000-54999	189.75
14000	NAPA AUTO PARTS	CITY SHOP TOOLS	01-460-000-52700	113.77
19310	GALETON GLOVES INC	XL GLOVES	01-460-000-52350	43.95
19310		XXL GLOVES	01-460-000-52350	47.94
19310		SHIPPING	01-460-000-52350	14.62
19880	STURGEON BAY UTILITIES	835 N 14TH AVE SALT SHED	01-460-000-56150	8.24
19880		835 N 14TH AVE CITY GARAGE	01-460-000-56150	1,159.25
19880		835 N 14TH AVE CITY GARAGE	01-460-000-58650	106.59
19959	SUPERIOR CHEMICAL CORP	CLEAN SUPPLIES & SOLVENT	01-460-000-51850	213.91
APPLY MS	APPLIED MSS	ELECTRICAL CONNECTORS	01-460-000-56250	270.82
CHASE	JP MORGAN CHASE BANK	FUEL CADDY	01-460-000-52700	195.99
EH WULF	E.H. WOLF & SONS, INC.	MOTOR OIL	01-460-000-56250	100.00
EH WULF		MOTOR OIL	01-460-000-56250	60.00
O'REILLY	O'REILLY AUTO PARTS	TOOLS	01-460-000-52700	21.98
R0000655	TRANSMOTION, LLC	MALE PIPE ADAPTOR	01-460-000-52700	24.48
		TOTAL		3,328.56
		TOTAL CITY GARAGE		3,328.56
HIGHWAYS - GENERAL				
19880	STURGEON BAY UTILITIES	3 TRFC WARNING LGTS	01-499-000-58000	8.25
		TOTAL		8.25
		TOTAL HIGHWAYS - GENERAL		8.25
PARK & RECREATION ADMIN				
03133	CELLCOM WISCONSIN RSA 10	01/16 BOB B CELL SVC	01-500-000-58250	49.30
03133		01/16 SAWYER DOCK CELL SVC	01-500-000-58250	14.19
03133		01/16 CELL SVC	01-500-000-58250	13.20
CHASE	JP MORGAN CHASE BANK	BREWERS TICKET DEPOSIT	01-500-000-52250	210.00
WARNER	WARNER-WEXEL WHOLESALE &	PAPER PRODUCTS	01-500-000-54999	67.82
		TOTAL		354.51
		TOTAL PARK & RECREATION ADMIN		354.51

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
-----				
GENERAL FUND				
PARKS AND PLAYGROUNDS				
01766	AURORA MEDICAL GROUP	PRE EMPLOY SCREEN-M ALLEN	01-510-000-57100	128.00
03075	CARQUEST OF DOOR COUNTY	BEARING	01-510-000-51900	10.91
03075		SPARK PLUG	01-510-000-51900	3.94
03075		BATTERY FILLER	01-510-000-53000	14.95
03075		SPARK PLUGS & OIL FILTERS	01-510-000-53000	26.02
03075		GLAZE WAX & APPLICATOR	01-510-000-53000	20.22
03075		AIR FILTER & LUBE	01-510-000-53000	12.93
03075		SUPPLIES	01-510-000-53000	65.58
03075		LUBE & SPARK PLUGS	01-510-000-53000	12.94
03075		FUEL FILTER	01-510-000-53000	2.56
04696	DOOR COUNTY TREASURER	301.20G FUEL @ 1.623/G	01-510-000-51650	488.85
04696		20.90 G FUEL @ 2.655/G	01-510-000-51650	55.49
04699	DOOR COUNTY VACUUMS	VACUUM PARTS	01-510-000-54999	9.95
08225	HERLACHE SMALL ENGINE	AIR FILTER & SPARK PLUG	01-510-000-53000	29.74
08225		BLADE	01-510-000-53000	14.05
08225		SAW BLADE	01-510-000-52700	14.05
08225		CHAIN SAW PARTS	01-510-000-52700	35.60
14000	NAPA AUTO PARTS	SUPER GLUE GEL	01-510-000-53000	2.49
14000		CONNECTR & TESTER	01-510-000-53000	18.98
19880	STURGEON BAY UTILITIES	SUNSET CNTR CONC	01-510-000-56150	76.14
19880		SUNSET CNTR CONC	01-510-000-58650	52.16
19880		FRANK GRASSE MEM SHELTER	01-510-000-56150	16.39
19880		OTUMBA PARK	01-510-000-56150	8.24
19880		WEST SIDE WARMING HOUSE	01-510-000-56150	40.33
19880		JAYCEES BALLFLD STAND	01-510-000-56150	18.23
19880		OTUMBA PRK WALKWAY LITES	01-510-000-56150	40.62
19880		OTUMBA PRK STREET LITES	01-510-000-56150	148.74
19880		FLORIDA ST/SUNSET PRK	01-510-000-56150	14.10
19880		835 N 14TH AVE SIGN SHED	01-510-000-56150	19.22
19880		CHERRY BLOSSOM PRK	01-510-000-56150	8.24
AKTRUCK	A & K TRUCKLAND	PLOW PARTS -P7	01-510-000-53000	360.00
BLUE TRP	BLUE TARP FINANCIAL	2 MOWER WHEELS	01-510-000-51900	39.98
BLUE TRP		SHIPPING	01-510-000-51900	7.37
O'REILLY	O'REILLY AUTO PARTS	ELECTRICAL ADAPTR	01-510-000-53000	33.98
VIKING	VIKING ELECTRIC SUPPLY, INC	BULBS	01-510-000-52550	37.97
TOTAL				1,888.96
TOTAL PARKS AND PLAYGROUNDS				1,888.96
ICE RINKS				
CHASE	JP MORGAN CHASE BANK	ICE SKATES & SHIPPING	01-530-000-54999	1,507.24
CHASE		SHARPENER WHEEL PADS	01-530-000-54999	98.59
TOTAL				1,605.83
TOTAL ICE RINKS				1,605.83
MUNICIPAL DOCKS				
19880	STURGEON BAY UTILITIES	38 S NEENAH PKG LOT LTS	01-550-000-56150	284.02
19880		38 S NEENAH AVE PAVILLION	01-550-000-56150	8.24
19880		38 S NEENAH AVE RESTROOM	01-550-000-56150	106.35

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
-----				
GENERAL FUND				
			TOTAL	398.61
			TOTAL MUNICIPAL DOCKS	398.61
WATERFRONT PARKS & WALKWAYS				
19880	STURGEON BAY UTILITIES	DC MUSEUM WALKWAY LIGHTS	01-570-000-56150	18.89
19880		DC MUSEUM PK LOT LIGHTS	01-570-000-56150	186.08
			TOTAL	204.97
			TOTAL WATERFRONT PARKS & WALKWAYS	204.97
EMPLOYEE BENEFITS				
03780	COUNSELING ASSOCIATES OF DC	FEBRUARY EAP	01-600-000-56553	150.83
			TOTAL	150.83
			TOTAL EMPLOYEE BENEFITS	150.83
COMMUNITY & ECONOMIC DEVLPMT				
19730	STURGEON BAY VISITOR CENTER	2016 SUPPORT	01-900-000-57800	45,370.00
CHASE	JP MORGAN CHASE BANK	NPL PLAN CONF REGISTRATION	01-900-000-55600	735.00
			TOTAL	46,105.00
			TOTAL COMMUNITY & ECONOMIC DEVLPMT	46,105.00
			TOTAL GENERAL FUND	220,770.67
CAPITAL FUND				
ASSET				
CHASE	JP MORGAN CHASE BANK	CREDIT	10-000-000-13120	-54.79
			TOTAL ASSET	-54.79
			TOTAL	-54.79
COMPUTER				
03101	CDW GOVERNMENT, INC.	3 FUJITSU SCANNERS- \$448.47EA	10-125-000-59040	1,345.41
			TOTAL	1,345.41
			TOTAL COMPUTER	1,345.41

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
<b>CAPITAL FUND</b>				
<b>FIRE DEPARTMENT</b>				
<b>EXPENSE</b>				
04575	DOOR COUNTY HARDWARE	FREIGHT	10-250-000-59050	15.37
04575		FREIGHT	10-250-000-59050	24.31
08225	HERLACHE SMALL ENGINE	CUT OFF SAW	10-250-000-59070	879.96
08225		BLADES	10-250-000-59070	44.85
TOTAL EXPENSE				964.49
TOTAL FIRE DEPARTMENT				964.49
<b>STORM SEWERS</b>				
<b>EXPENSE</b>				
HDSUPPLY	HD SUPPLY WATERWORKS, LTD	CLEANOUT COVER	10-300-000-59115	66.00
HDSUPPLY		CLEANOUT FRAME	10-300-000-59115	134.00
HDSUPPLY		SHIPPING	10-300-000-59115	75.00
TOTAL EXPENSE				275.00
TOTAL STORM SEWERS				275.00
<b>ROADWAYS/STREETS</b>				
<b>EXPENSE</b>				
MAGNA	MAGNA-MATIC	LAWN MOWER BLADE SHARPENER	10-400-000-59070	1,021.56
TOTAL EXPENSE				1,021.56
TOTAL ROADWAYS/STREETS				1,021.56
<b>SNOW REMOVAL</b>				
VERMEER	VERMEER WISCONSIN, INC	STUMP GRINDER MODEL 900551	10-410-000-59070	3,530.00
TOTAL				3,530.00
TOTAL SNOW REMOVAL				3,530.00
<b>CURB/GUTTER/SIDEWALK</b>				
<b>EXPENSE</b>				
VERMEER	VERMEER WISCONSIN, INC	STUMP GRINDER MODEL 900551	10-440-000-59102	3,500.00
TOTAL EXPENSE				3,500.00
TOTAL CURB/GUTTER/SIDEWALK				3,500.00
TOTAL CAPITAL FUND				10,581.67
<b>CABLE TV</b>				
<b>CABLE TV / GENERAL</b>				
<b>EXPENSE</b>				
MANN	MANN COMMUNICATIONS, LLC	03/01/16 CONTRACT	21-000-000-55015	4,685.00
TOTAL CABLE TV / GENERAL				4,685.00

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR #	NAME	ITEM DESCRIPTION	ACCOUNT #	AMOUNT DUE
-----				
CABLE TV				
CABLE TV / GENERAL				
CABLE TV / GENERAL				
TOTAL CABLE TV / GENERAL				4,685.00
TOTAL CABLE TV				4,685.00
TID #2 DISTRICT				
TID DISTRICT #2				
TID #2 A AREA BONDS - DVL				
13170	BOARD OF COMMISSIONERS OF	TID 2 SPLLC	25-320-931-70000	1,610.29
13170		TID 2 SPLLC	25-320-931-70001	1,016.84
13170		TID 2 SPLLC	25-320-931-70000	7,368.91
13170		TID 2 SPLLC	25-320-931-70001	5,256.89
13170		TID 2 AMENDED AREA-SHPYRD PTN	25-320-931-70000	21,496.39
13170		TID 2 AMENDED AREA-SHPYRD PTN	25-320-931-70001	13,574.47
13170		TID 2 SPLLC	25-320-931-70000	3,724.83
13170		TID 2 SPLLC	25-320-931-70001	2,657.23
TOTAL TID #2 A AREA BONDS - DVL				56,705.85
TOTAL TID DISTRICT #2				56,705.85
TOTAL TID #2 DISTRICT				56,705.85
SOLID WASTE ENTERPRISE				
SOLID WASTE ENTERPRISE FUND				
SOLID WASTE ENTERPRISE FUND				
04603	HALRON LUBRICANTS INC	DRUM HAND PUMP	60-000-000-53000	100.00
04603		SYNTHETIC ATF MOBIL	60-000-000-53000	140.44
04696	DOOR COUNTY TREASURER	788.99 G DSL @ 2.655/G	60-000-000-51650	2,094.77
18500	R N O W INC	HOIST CYLINDER-GARBAGE TRCK	60-000-000-53000	1,545.01
ADVANCED	ADVANCED DISPOSAL	177.28 TN GARBAGE @59.87/TN	60-000-000-58300	10,613.76
ADVANCED		68.09 TN RECYCLE@13.71/TN	60-000-000-58350	933.52
TOTAL SOLID WASTE ENTERPRISE FUND				15,427.50
REFUSE EQUIPMENT (2)				
02220	BAYLAKE BANK	(2) REFUSE TRUCKS	60-000-922-70000	40,354.40
02220		(2) REFUSE TRUCKS	60-000-922-70001	2,570.58
TOTAL REFUSE EQUIPMENT (2)				42,924.98
TOTAL SOLID WASTE ENTERPRISE FUND				58,352.48
TOTAL SOLID WASTE ENTERPRISE				58,352.48
TOTAL ALL FUNDS				351,095.67

MANUAL CHECKS

BP AMOCO 02/17/16 Check # 78977 Statement Charges 01-215-000-51650	\$143.08
BENEFIT ADVANTAGE 02/17/16 Check # 78978 January Cobra Billing 01-600-000-50510	\$241.00
DOOR COUNTY TREASURER 02/17/16 Check # 78979 2016 DNR Pilot & 02/16 Tax Settlement 01-000-000-24310 & 01-000-000-24212	\$1,120,878.09
NWTC –GREEN BAY 02/17/16 Check #78980 2016 DNR Pilot & 02/16 Tax Settlement 01-000-000-24640	\$212,528.13
SEVASTOPOL SCHOOL DISTRICT 02/17/16 Check #78981 02/16 Tax Settlement 01-000-000-24630	\$60,773.49
SOUTHERN DOOR SCHOOL DISTRICT 02/17/16 Check # 78982 02/16 Tax Settlement 01-000-000-24620	\$137,505.46
STURGEON BAY SCHOOL DISTRICT 02/17/16 Check # 78983 2016 DNR Pilot & 02/16 Tax Settlement 01-000-000-24610	\$2,691,524.98
US BANK EQUIPMENT FINANCE 02/17/16 Check # 78984 Interim Payment 01-200-000-55650	\$111.33

SOUTHERN DOOR SCHOOL 02/19/16 Check # 79047 01/16 Mobile Home Tax Payment 01-000-000-41300	\$236.75
STURGEON BAY SCHOOLS 02/19/16 Check # 79048 01/16 Mobile Home Tax Payment 01-000-000-41300	\$3,061.78
DOOR COUNTY TREASURER 02/22/16 Check # 79049 02/16 Tax Lottery Credit Settlement 01-000-000-24212	\$51.36
WISCONSIN DEPT. OF REVENUE 02/22/16 Check #79050 02/16 Tax Lottery Credit Settlement 01-000-000-24212	\$1,036.48
SUN LIFE FINANCIAL 02/23/16 Check # 79051 March Short and Long Term Disability 01-000-000-21545	\$2,011.64
SUPERIOR VISION PLAN 02/23/16 Check #79052 March Vision Insurance Premium 01-000-000-21540	\$766.05
NETWORK HEALTH 02/23/16 Check # 79053 January Health Insurance Various Departmental Accounts	\$100,980.98
NETWORK HEALTH 02/23/16 Check # 79053 February Health Insurance Various Departmental Accounts	\$96,360.14
MINNESOTA LIFE 02/23/16 Check 79054 March Life Insurance 01-600-000-50552	\$1,735.96
<b>TOTAL MANUAL CHECKS</b>	<b>\$ 4,429,946.70</b>

INVOICES DUE ON/BEFORE 03/01/2016

VENDOR # NAME ITEM DESCRIPTION ACCOUNT # AMOUNT DUE

SUMMARY OF FUNDS:

GENERAL FUND	220,770.67	<del>4,650,717.37</del>
CAPITAL FUND	10,581.67	
CABLE TV	4,685.00	
TID #2 DISTRICT	56,705.85	
SOLID WASTE ENTERPRISE	58,352.48	
TOTAL --- ALL FUNDS	<del>351,095.67</del>	4,781,042.37

*E. Ireland*  
*2-23-16*

*Stewart Smith*  
*2-23-16*

*Stewart Smith*  
*2-23-16*

COMMON COUNCIL  
February 16, 2016

A regular meeting of the Common Council was called to order at 7:00 p.m. by Mayor Birmingham. The Pledge of Allegiance was recited. Roll call: Catarozoli, Vandertie, Wiesner, Stults, Fett and Gregory were present. Ireland was excused.

Fett/Stults to adopt the agenda. Carried.

Todd Thayse, Fincantieri Bayship presented a \$14,000 donation to Pioneer Fire Company for training and firefighting equipment.

Fett/Stults to approve the following bills - General Fund - \$144,911.54, Capital Fund - \$43,586.35, Cable TV - \$279.54, TID #4 - \$67,573.75, and Solid Waste Enterprise Fund - \$1,987.00 for a grand total of \$258,338.18. Carried.

Wiesner/Catarozoli to approve consent agenda:

- a. Approval of regular Common Council minutes from 02/02/16.
- b. Approval of following minutes:
  - (1) City Plan Commission - 1/20/16
  - (2) Zoning Board of Appeals - 1/26/16
  - (3) Finance/Purchasing & Building Committee - 1/26/16
  - (4) Joint Park & Recreation Committee/Board - 1/27/16
  - (5) Bicycle & Pedestrian Advisory Board - 2/4/16
- c. Place the following reports on file:
  - (1) Fire Department Report-January 2016
- d. Consideration of: Approval of beverage operator license.
- e. Finance/Purchasing & Building Committee recommendation re: Approve purchase of a 2016 Ford F-250 ¾ ton pick-up with a Boss V plow attachment from Jim Olson Ford in an amount not to exceed \$27,424, and to approve the funds transfer from the capital contingency fund for the budget variance in the amount of \$424.

Carried.

There were no mayoral appointments.

A public hearing regarding proposed text amendments to Chapter 20 of the Municipal Code (Zoning Code-Tourist Rooming Houses) was opened at 7:07 p.m. The public hearing was declared closed at 7:10p.m.

Wiesner/Gregory to read in title only the first reading of the ordinance regarding Chapter 20 of the Municipal Code (Zoning Code-Tourist Houses.) Carried.

Wiesner/Catarozoli to read in title only and adopt second reading of ordinance re: Chapter 22 of the Municipal Code re: Minimum Heating Standards for Residential Rental Properties. Carried.

The following person spoke on the first reading of temporary ordinance re: Bayview Bridge Boating Ordinance: Scott Moore, 947 Pennsylvania Street.

Stults/Wiesner to read in title only the first reading of the temporary ordinance re: Bayview Bridge Boating Ordinance. Carried.

Scott Moore, 947 Pennsylvania Street spoke on the 2015 Outdoor Recreation Plan. Vandertie/Gregory to adopt 2015 Outdoor Recreation Plan. Carried.

Fett/Stults to approve Clay Banks Road/County Trunk Highway U-Jurisdictional Transfer Agreement. Carried.

Personnel Committee Vandertie, Community Protection & Services Committee Wiesner, Sturgeon Bay Utility Commission Fett, presented reports for their respective committees/commissions.

The following people spoke during public comment: Robert Loss, 607 E. Walnut Drive.

The Mayor made his comments.

After the Mayor announced the statutory basis, Fett/Wiesner to convene in closed session in accordance with the following exemption: Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session. Wis. Stats. 19.85(1)(e) Consideration of: Purchase of Property.  
Roll Call: All vote aye. Carried

The meeting moved into closed session at 7:43 p.m. and adjourned in closed session at 8:02 p.m.

Respectfully submitted,



Tricia Metzer  
Receptionist

**AESTHETIC DESIGN & SITE PLAN REVIEW BOARD**

Monday, February 8, 2016

The Aesthetic Design & Site Plan Review Board meeting was called to order at 7:02 p.m. by Chairperson Mark Lake in Community Room, City Hall, 421 Michigan St.

**Roll call:** Members Mark Lake, Josh Van Lieshout, and Jon Burk were present. Member Dennis Van Bramer arrived at 7:03 p.m. Excused: Member Jeff Serafico. Also present were Tractor Supply Company representative Chris Kettler (by teleconference), Alderman Stewart Fett, Planner/Zoning Administrator Ryan Kernosky, Community Development Director Marty Olejniczak, Community Development Secretary Cheryl Nault, and members of the public.

**Adoption of agenda:** Moved by Mr. Van Lieshout, seconded by Mr. Burk to adopt the following agenda:

1. Roll call.
2. Adoption of agenda.
3. Approval of minutes from January 11, 2016.
4. Consideration of: Renovation of a portion of the former K-Mart building for Tractor Supply Company, 1833 Egg Harbor Road.
5. Adjourn.

Carried.

**Approval of minutes from January 11, 2016:** Moved by Mr. Van Lieshout, seconded by Mr. Lake to approve the minutes from January 11, 2016. All ayes. Carried.

**Consideration of: Renovation of a portion of the former K-Mart building for Tractor Supply Company, 1833 Egg Harbor Rd.:** Mr. Kernosky stated that 30% of the former K-Mart building will be occupied by Tractor Supply Company. The building has been vacant since 1995. The property is zoned General Commercial (C-1). Exterior paint colors include Urban Putty, Sanderling, and Safety Red color for the stripe going down the center of the building. Gooseneck style lighting will be used over the signage above the front doors. Two LED packs will also be used on the front of the building and 4 LED wall packs on the side of the building. The lighting will only be placed on the Tractor Supply Co. portion of the building. The existing lighting will be retained in the parking lot, which will be resealed. A plan was submitted for a 90' by 160' chain link fenced-in area to display outdoor items. Signage is still being bid out.

Mr. Kettler stated the proposed Tractor Supply Company is 25,000 square feet in size. The fenced outdoor display area will be gated and opened by employees. They want to provide a drive-thru area. The intent is to be seen by customers.

Mr. Olejniczak reminded members that items needing a permit is what is to be looked at.

Mr. Kernosky mentioned that only 120 feet of the length of the building, as well as the north side of the building, will have Tractor Supply colors.

Members discussed planting some type of buffer for shielding from Egg Harbor Road. Mr. Kettler said he was unsure who would provide the landscaping, either Tractor Supply Co. or the owners of the property.

Mr. Van Lieshout stated that he liked black architectural style fencing. With its location on Egg Harbor Road, it is a predominant area of the City and should have nicer aesthetics. He also prefers no banners attached to the fencing or wall of building.

Discussion took place regarding the dumpster location and the 4-foot above grade, portable steel loading ramp that should be buffered with trees or shrubs as well.

Mr. Olejniczak added that the pavement is tight to the right-of-way line. They may be able to work with the City for buffering inside the right-of-way line. It is a former state highway right-of-way.

Mr. Kernosky stated that they will be adding a garage door on the west end of the building and one new door on the north side.

Mr. Kettler felt that the owners of the building may prefer more landscaping than fencing. Mr. Kernosky suggested planting low bushes around the fenced area. Mr. Kettler will take the request to the owners of the property.

Mr. Van Lieshout suggested that the new fencing should be a black vinyl chain link fence with ornamental grasses and shrubs planted around it. He would like Tractor and Supply Company to come back to the committee with pictures and a landscaping plan, and also a product sample of a black vinyl coated chain link fence.

Discussion continued. Moved by Mr. Van Lieshout, seconded by Mr. Burk to approve the paint scheme, exterior lighting on the building, and facade as presented. Carried.

By consensus, the Board asked that a landscaping plan be submitted with the addition of a buffer to soften the area between the north side of the building and Egg Harbor Road, including the adjacent display area, dumpster, and loading dock area. Also, to submit landscaping plans around the remote outdoor display area, with black chain link fencing.

**Adjourn:** Moved by Mr. Van Bramer, seconded by Mr. Burk to adjourn. Carried. Meeting adjourned at 8:07 p.m.

Respectfully submitted,



Cheryl Nault  
Community Development Secretary

**FINANCE/PURCHASING & BUILDING COMMITTEE**  
**February 9, 2016**

A meeting of the Finance/Purchasing & Building Committee was called to order at 4:00 pm by Alderperson Fett in the Council Chambers, City Hall. Roll call: Alderpersons Fett, Stults and Ireland were present. Also present: City Administrator Van Lieshout, Finance Director/City Treasurer Clarizio, Fire Chief Dietman, Assistant Fire Chief Montevideo and Receptionist Metzger. Community Director Olejniczak entered at 4:13pm

A motion was made by Alderperson Stults, seconded by Alderperson Ireland to adopt the following agenda:

1. Roll call.
2. Adoption of agenda.
3. Consideration of: Request to Waive Snow Removal Fees.
4. Consideration of: Replacement/Bids of Sturgeon Bay Fire Dept. Tender #3.
5. Convene in closed session in accordance with the following exceptions:

Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session. Wis. Stats. 19.85(1)(e)

- a. Consideration of: Purchase of Property.

Move to reconvene in open session to take formal action upon preceding subject of closed session, if appropriate; or to conduct discussion or give further consideration where the subject is not appropriate for closed session consideration. The Committee may adjourn in closed session.

6. Review of unfinished business list.
7. Review bills.
8. Adjourn.

Carried.

Consideration of: Request to Waive Snow Removal Fees:

The committee briefly discussed the request from Robert Esposito, ESPOS, LLC to waive invoice #2016014 in the amount of \$125.00 and invoice #2016023 in the amount of \$125.00 for snow removal fees.

Moved by Alderperson Stults, seconded by Alderperson Ireland to recommend to deny the request from Rob Esposito, EPOS LLC to waive invoice # 2016014 in the amount of \$125.00 and invoice #2016023 in the amount of \$125.00 for snow removal fees. Carried.

Consideration of: Replacement/Bids of Sturgeon Bay Fire Dept. Tender #3.

Fire Chief Dietman presented the following tender replacement bids:

	Bid	Trade In
Custom Fab & Body	\$271,559.00	\$10,000.00
Marion Body Work	\$299,910.00	
Pierce Mfg.	\$331,775.00	

Chief Dietman explained that \$280,000, less trade in or vehicle sale was allocated in the 2016 budget to replace a 1991 tender tanker. Of the three bids that were received, only Custom Fab & Body met the budget and specification requirements. Chief Dietman continued to explain that by declaring the tender as surplus, rather than using the vehicle as trade in, the potential revenue from the sale could generate approximately \$20,000 which would then be used to outfit the new tender unit.

Moved by Alderperson Stults, seconded by Alderperson Ireland to recommend to approve the bid from Custom Fab & Body, without the trade in allowance and without the add-on of the brow light. Declare the 1991 GMC TopKick 1800 gallon tender with 500gpm pump surplus, and allow the use of the sale proceeds to be used to purchase a radio, headsets and other required equipment to outfit the new unit in an amount not to exceed the net amount of \$265,000.00 as allocated in the 2016 capital budget. Carried.

After Alderperson Fett announced the statutory basis, it was moved by Alderperson Fett, seconded by Alderperson Stults to convene in closed session. Roll call: Alderperson Fett, Alderperson Stults and Alderperson Ireland voted aye. Carried. The meeting moved into closed session at 4:13 p.m. The meeting reconvened in open session at 4:26 p.m.

The unfinished business list was briefly discussed.

Review bills

Moved by Alderperson Ireland, seconded by Alderperson Stults to approve the bills as presented and forward to the Common Council for payment. Carried.

Moved by Alderperson Fett, seconded by Alderperson Stults to adjourn. Carried. The meeting adjourned at 4:28p.m.

Respectfully submitted,



Tricia Metzger

**WATERFRONT REDEVELOPMENT AUTHORITY**

Monday, February 15, 2016

A meeting of the Waterfront Redevelopment Authority was called to order at 6:30 p.m. by Chairperson Tom Herlache in Council Chambers, City Hall, 421 Michigan Street.

**Roll call:** Members Tom Herlache, John Asher, Rick Wiesner, and Kelly Catarozoli were present. Excused: Members Cap Wulf, Chris Jeanquart, and Bill Galligan. Also present were Mayor Thad Birmingham, City Administrator Josh Van Lieshout, Aldermen Jerry Stults and Stewart Fett; Planner/Zoning Administrator Ryan Kernosky, Community Development Director Marty Olejniczak, and Community Development Secretary Cheryl Nault. Finance Director/City Treasurer Val Clarizio arrived at 6:39 p.m. Alderman Ron Vandertie arrived at 6:44 p.m.

**Adoption of agenda:** Moved by Mr. Wiesner, seconded by Mr. Asher to adopt the following agenda:

1. Roll call.
2. Adoption of agenda.
3. Approval of minutes from November 18, 2015.
4. Convene in closed session in accordance with the following exemption:  
Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session. 19.85(1)(e).  
Consideration of: Development proposal and incentives for West Side Waterfront Redevelopment project – The Bay Lofts apartments (New Urban Focus).  
Move to reconvene in open session to take formal action upon preceding subject of closed session, if appropriate; or to conduct discussion or give further consideration where the subject is not appropriate for closed session consideration. The Authority may adjourn in closed session.
5. Adjourn.

Carried.

**Approval of minutes from November 18, 2015:** Moved by Mr. Asher, seconded by Ms. Catarozoli to approve the minutes from November 18, 2015. All ayes. Carried.

**Convene in closed session in accordance with the following exemption:**

**Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session. 19.85(1)(e).**

**Consideration of: Development incentives for West Side Waterfront Redevelopment project – The Bay Lofts apartments (New Urban Focus).**

**Move to reconvene in open session to take formal action upon preceding subject of closed session, if appropriate; or to conduct discussion or give further consideration where the subject is not appropriate for closed session consideration. The Authority may adjourn in closed session.**

After Chairperson Herlache announced the statutory basis, it was moved by Mr. Asher, seconded by Mr. Wiesner to convene in closed session. Roll call vote. All ayes. Carried. The meeting moved to closed session in the Closed Session Room at 6:35 p.m.

Moved by Mr. Wiesner, seconded by Mr. Asher to adjourn in closed session at 7:43 p.m. All ayes. Carried.

Respectfully Submitted,



Cheryl Nault  
Community Development Secretary

**PARKING & TRAFFIC COMMITTEE****February 15, 2016**

A meeting of the Parking & Traffic Committee was called to order at 3:30 p.m. by Chairperson Ireland in Council Chambers, City Hall, 421 Michigan Street.

Members Kelly Catarozoli, Ron Vandertie and Ed Ireland were present. Also present: City Engineer Chad Shefchik, Community Development Director Marty Olejniczak, Planner/Zoning Administrator Ryan Kernosky, Police Captain Dan Brinkman, Police Chief Arleigh Porter, City Administrator Josh VanLieshout, and Municipal Services Secretary Colleen DeGrave.

Moved by Ald. Catarozoli, seconded by Ald. Vandertie to adopt the following agenda:

1. **Roll call.**
2. **Adoption of agenda.**
3. **Approval of minutes from 01/18/2016.**
4. **Public comment on non-agenda items.**
5. **Discussion of: Residential Parking.**
6. **Adjourn.**

All in favor. Carried.

Moved by Ald. Catarozoli, seconded by Ald. Vandertie, to approve the minutes from 01/18/2016. Carried.

**Public comment on non-agenda items.**

Chris Kellems, 120 Alabama St. spoke.

**Discussion of: Residential Parking.**

Police Chief Arleigh Porter stated that he had received a letter from a city resident expressing concern over the impact of Fincantieri employees obstructing parking on N. 4<sup>th</sup> Avenue where there is a posted 2 hour parking limit sign. Chief Porter said the Police Department will be issuing warnings along with a map of that area that shows where parking is allowed. After 7-10 days, a ticket will be issued. A parking exemption pass is being considered by staff.

Motion by Ald. Catarozoli, seconded by Ald. Vandertie to adjourn. All in favor. Carried.

Meeting adjourned at 3:45 p.m.

Respectfully Submitted,



Colleen DeGrave  
Municipal Services Secretary

A meeting of the City Plan Commission was called to order at 7:00 p.m. by Chairperson Rick Wiesner in Council Chambers, City Hall, 421 Michigan Street.

**Roll call:** Members Rick Wiesner, Ron Vandertie, Jeff Norland, Bob Starr, Dennis Statz, and Laurel Brooks were present. Excused: Member Mike Gilson. Also present were Planner/Zoning Administrator Ryan Kernosky, Community Development Director Marty Olejniczak, and Community Development Secretary Cheryl Nault.

**Adoption of agenda:** Moved by Mr. Statz, seconded by Ms. Brooks to adopt the following agenda:

1. Roll call.
2. Adoption of agenda.
3. Approval of minutes from January 20, 2016.
4. Public comment on non-agenda items.
5. Zoning map amendment from Light Industrial (I-1) to Single-Family Residential (R-1) for Arthur and Darlene Hohlfelder, for property located on Columbia Avenue, parcel #'s 281-66-12001401 and 281-66-12001402.  
 Presentation:  
 Public Hearing:  
 Consideration of:
6. Adjourn.

Carried.

**Approval of minutes from January 20, 2016:** Moved by Ms. Brooks, seconded by Mr. Norland to approve the minutes from January 20, 2016. All ayes. Carried.

**Public comment on non-agenda items:** No one spoke during public comment.

**Zoning map amendment from Light Industrial (I-1) to Single-Family Residential (R-1) for Arthur and Darlene Hohlfelder, for property located on Columbia Avenue, parcel #'s 281-66-12001401 and 281-66-12001402:**

**Presentation:** Mr. Kernosky explained that the property is located in the existing Precision Industrial Park. Other than the Cadence building, no other development has occurred in that area. Wetlands are found in and out of the parcels on the west end of the industrial park. The plan is to split the lots from two lots to four lots. If the lots were split they would comply with both the Light Industrial and Single-Family Residential zoning standards.

Mr. Hohlfelder stated that they had purchased two lots, each over two acres, with the intention of splitting them to create four residential lots. There is a majority of new homes in the area. The driveways would face Columbia Avenue. Sewer and water already exists.

**Public Hearing:** Chairperson Wiesner opened the public hearing at 7:05 p.m. No one spoke during the hearing. There was no correspondence. The public hearing was declared closed at 7:06 p.m.

**Consideration of:** Commission members discussed the request. Mr. Olejniczak stated that the Comprehensive Plan identifies this area for mixed residential development, with the wetland area as open space. He added that it would be ideal to transition from the Industrial to Two-Family Residential to Single-Family Residential.

It was moved by Mr. Statz, seconded by Ms. Brooks to vote on the request at this meeting. All ayes. Carried.

Moved by Mr. Statz, seconded by Ms. Brooks to recommend to Council to approve a zoning map amendment from Light Industrial (I-1) to Single-Family Residential (R-1) for Arthur and Darlene Hohlfelder, for property located on Columbia Avenue, parcel #281-66-12001401 and #281-66-12001402. All ayes. Carried.

**Adjourn:** Moved by Mr. Starr, seconded by Mr. Norland to adjourn. Carried. Meeting adjourned at 7:14 p.m.

Respectfully submitted,



Cheryl Nault  
Community Development Secretary

**COMMUNITY PROTECTION & SERVICES COMMITTEE****February 18, 2016**

A meeting of the Community Protection & Services Committee was called to order at 4:34 p.m. by Chairperson Wiesner in Council Chambers, City Hall. **Roll Call:** Members Mr. Wiesner, Mr. Ireland and Mr. Gregory were present. Also present from the City was Mr. VanLieshout, Chief Porter, Captain Brinkman, Lieutenant Henry, City Attorney Randy Nesbit, and Alderman Fett.

*Moved by Mr. Ireland, seconded by Mr. Gregory to adopt the following agenda:*

1. Roll call
2. Adoption of agenda
4. Consideration of: Sex Offender Residency Restrictions
5. Adjourn

*but with the corrected yearly date of February 18, 2016.*

*Carried.*

**Consideration of: Sex Offender Residency Restrictions**

Chief Arleigh Porter distributed copies of the ordinance.

Chief Porter began with background on what a Chapter 980 of the Wisconsin Statutes describes as the most violent of sex offenders. In recent months, the City of Milwaukee created an ordinance not allowing Chapter 980 offenders residency; thus relocating offenders outside the county. The City of Sturgeon Bay does not have an ordinance limiting residency to Chapter 980 offenders, and could be sought as a place to locate offenders into our community.

Lieutenant Henry further informed the committee; if offenders commit the crime in the County, they are allowed to relocate back after they serve their sentence. If offenders are from the County, but commit an offense in another County, they would need to be released elsewhere.

Chief Porter stated historically, the City has never prevented sex offenders from coming back if they have previously resided here. However, there are currently 3-4 Chapter 980 offenders being released soon who did not offend in the County, but at one time lived here.

The ordinance has an appeals process built in; where City Council would have the final decision on whether or not a sex offender can be restricted. (Page 4, #5)

Over 40 Wisconsin cities have already passed and implemented similar ordinances; Two Rivers and Manitowoc are the two closest in the area.

Attorney Nesbit reported he had discussions with the Manitowoc City Attorney; they had passed their ordinance without any issue. However, Attorney Nesbit stated we cannot close the door completely; he hopes creating such an ordinance does not get challenged as this is uncharted territory. Attorney Nesbit also reported that State Legislature is currently looking into creating an Assembly Bill that would prevent

local ordinances from being created (State Bill 290) to restrict Chapter 980 offender residency. They are trying to counter-act what the Milwaukee ordinance has started.

At this time, Attorney Nesbit feels it would be in our best interest to go ahead and create an ordinance regarding Chapter 980 sex offender residency restrictions; as the State does not have anything in place as of yet.

Mr. Gregory commented on whether there would be someone to actually sue the City.

*Moved by Mr. Gregory, seconded by Mr. Ireland that the City of Sturgeon Bay Community Protection & Services Committee recommends to Council to accept Section 10.34 of the Municipal Code regarding sex offender residency restrictions. All ayes. Carried.*

*Moved by Mr. Ireland, seconded by Mr. Gregory to adjourn the meeting of the Community Protection Services Committee. All ayes. Carried. The meeting was adjourned at 4:52 p.m.*

Respectfully submitted,

Sarah Spude-Olson  
Police Department  
Administrative Office Manager

**BOARD OF CANVASSERS**  
**February 22, 2016**

A meeting of the Board of Canvassers was called to order at 8:30 a.m. by Chairperson Reinhardt in Council Chambers, City Hall. Roll call: Members Clarizio, Allen and Reinhardt were present.

A motion was made by Clarizio/Allen to adopt the following agenda:

1. Roll call.
2. Adoption of agenda.
3. Canvass for the purpose of counting any outstanding absentees from February 16, 2016 Election.
4. Adjourn.

Carried.

The Board counted two absentees that were postmarked by Election Day and received by 4 pm on Friday, February 19, 2016 for Wards 3 & 5.

The Board counted one absentee that was postmarked by Election Day and received by 4 pm on Friday, February 19, 2016 for Ward 10.

The Board canvassed the results for local District 6 Aldermanic race.

Allen/Clarizio to accept results from February 16, 2016 Election.

A motion was made by Clarizio/Allen to adjourn. Carried. The meeting adjourned at 8:42 a.m.

Respectfully submitted,



Stephanie L. Reinhardt  
City Clerk/Human Resources Director



# STURGEON BAY POLICE DEPARTMENT



*The mission of the Sturgeon Bay Police Department is to serve, protect, and work in partnership with the community to ensure a safe, nurturing environment.*

To:                   The Honorable Mayor  
                           Members of the Common Council  
                           Members of the Police and Fire Commission  
                           City Administrator Josh VanLieshout  
                           Officers of the Sturgeon Bay Police Department  
                           Media

From:                Captain Daniel J. Brinkman

Subject:             Monthly Report for January, 2016

Date:                 February 15, 2016

The following is a summary of the Police Department’s activities for the month of January that includes crimes investigated, traffic accidents investigated, miles traveled, fuel consumed, training completed, and public education provided by department members.

### Crimes Investigated

The Department, during the month, investigated a total of 68 crimes.

These crimes can be broken down and classified as follows.

Battery .....	03
Disorderly Conduct.....	03
Bail Jump.....	01
Citizen Dispute .....	01
Controlled Substance Problem .....	02
Criminal Damage to Property .....	03
Death Investigations .....	02
Forgery .....	02
Fraud.....	10
Domestic Abuse.....	05
Family Fights.....	03
Harassment .....	01
Juvenile Problems.....	08
Robbery .....	01
Sex Offense.....	02
Theft .....	18
Threats to Harm.....	01
Trespass .....	02

**TOTAL 68**

The above crimes resulted in the loss of \$5,606 to the community, of which \$1,356 has been recovered.

**Arrests**

The Department completed a total of 80 arrests during the month. These arrests encompass violations from traffic to felony, and are listed below by type of violations and number of arrests for each category.

**A. Felony Crime Arrest**

Possess Marijuana.....02  
Bail Jump.....02

**TOTAL 04**

**B. Misdemeanor Crime Arrests**

Battery ..... 02  
Criminal Damage to Property ..... 01  
Disorderly Conduct ..... 03  
Possess Controlled Substance..... 05  
Possess Drug Paraphernalia..... 04  
Bail Jump.....02  
Theft ..... 03

**TOTAL 20**

**Wisconsin Probation & Parole Violation Arrests / Warrant Arrests ..... 14**

**TOTAL 14**

**C. Ordinance Violation Arrests**

Trespass to Land.....04  
Disorderly Conduct w/Vehicle .....01  
Snowmobile on Private Property .....01  
Animal at Large .....01

**TOTAL 07**

**D. Traffic Crime Arrests**

Operating while Intoxicated (2<sup>nd</sup> or more)..... 06  
Operating w/o License.....02

**TOTAL 08**

**E. Traffic Violation Arrests**

Operating a Motor Vehicle While Intoxicated ..... 04  
Speeding Violations..... 08  
Motor Vehicle Registration Violation ..... 01  
Drive Left of Centerline ..... 01  
Operating While Driver's License Suspended/Revoked..... 03  
Operate Vehicle w/o Insurance..... 02  
Miscellaneous Moving Traffic Violations ..... 08

**TOTAL 27**

In addition to the preceding arrests, the Department conducted a total of 194 traffic stops during the month and logged 52 violations for various motor vehicle defects and local ordinances and issued 43 written warnings for those violations. A total of 47 parking tickets were issued for parking violations throughout the city.

**Traffic Accidents**

The Department during the month investigated a total of 21 vehicle accidents. These investigations are categorized into four types described below.

A.	Motor Vehicle Accidents Involving Fatalities .....	00
B.	Motor Vehicle Accidents Involving Injuries.....	00
C.	Motor Vehicle Accidents Involving Property Damage .....	18
	(greater than \$1,000.00)	
D.	Motor Vehicle Accidents Involving Property Damage .....	03
	(less than \$1,000.00)	
		<b>TOTAL 21</b>

**Police Service Calls**

Department members handled 334 service calls during the month. These calls consist of both citizen requests for police service as described below (231), crimes investigated (68), traffic accidents investigated (21), and Wisconsin Probation and Parole Assists 14.

A.	Traffic and Road Incidents.....	66
	This category consists of all assignments involving assists to stranded motorists, directing traffic, complaints of noisy or otherwise disorderly vehicles, removing obstructions from roadways, and all parking problem complaints.	
B.	Noise Complaints.....	08
	These complaints involve private parties, licensed liquor establishments, and parties in public places.	
C.	Sick and Injured Persons.....	05
	Assistance rendered to the Ambulance Service and sick or injured persons.	
D.	Alarms.....	14
	Officers responded to activated burglar and hold-up alarms at area banks and other business establishments and residences as well as fire alarms.	
E.	Complaints Involving Animals.....	16
	Investigations by officers of noisy animals, loose animals, animal bites, wild animals and sick, injured or dead animal complaints.	
F.	Civil Disputes.....	02
	Arguments between neighbors, landlords and tenants, and family members where no crimes have been committed.	

G. Escorts.....	01
Transporting citizens, money escorts for area financial institutions, funerals, and for area industry.	
H. Citizen Assist .....	26
This category is broad and involves such services as assistance in gas drive-off's, emergency notifications, attempts to locate people, retrieval of personal property, and vehicle registration assistance.	
I. Assistance Rendered to Other Agencies.....	04
Includes assistance to other law enforcement and government agencies.	
J. Suspicious Person / Vehicle / Circumstance .....	14
Involves both citizen complaints and observations by officers on patrol who took investigative action in regard to the suspicious behavior of vehicles and people.	
K. Liquor Establishments.....	00
Officers conducting compliance checks and investigations concerning problems with customers.	
L. Self-Initiated Field Activity.....	15
All initiated activity by the officer to include, but not limited to, routine security checks of area industries, businesses, city parks, residences, and compliance checks of local liquor establishments.	
M. Juvenile Problems .....	08
Requests for police service that strictly involve property calls and all unfounded calls for police service. The calls vary from mischief to family problems to runaway situations.	
N. Miscellaneous Incidents .....	40
Includes arrest warrants served, recovered property calls, and all unfounded calls for police service. This category includes unfounded 9-1-1 calls investigated by Department members during the month.	
O. Welfare Checks.....	12
Includes calls to check on the well-being of a person who has not been heard from or seen for a period of time by family, friends, neighbors, or employers.	

**TOTAL 231**

**Department Mileage and Fuel Consumption**

Officers patrolled a total of 9,940 miles with department vehicles, consuming 1000 gallons of fuel. The fleet averaged 9.0 miles per gallon of fuel during the month.

**Department Training**

Officers Neil Dorner and Chad Mielke provided monthly training to 6 members of the Lakeshore Police Explorers, Post 9368. The Joint SWAT and Joint Dive teams completed their monthly training. Sgt. Markus Tassoul completed a 24 hour course to become a Field Training Officer Supervisor. In addition to his regular patrol supervisor duties, Sgt. Tassoul will supervise the Field Training department.

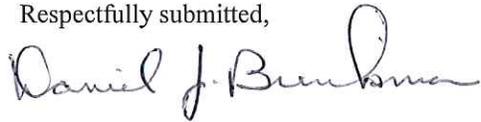
**Public Education**

Officer Michelle Wiegand spoke to a group of SBHS freshmen on The Dangers and Consequences of Sexting. The class learned about the legal consequences, the emotional consequences and other ramifications from sexting such as bullying and suicidal thoughts. Captain Dan Brinkman and Sgt. Jason Albertson presented Civilian Response to Active Shooter Events (CRASE) to the staff at The Golden Living Center / Dorchester. Capt. Brinkman also presented CRASE to the Great Lakes Captain's Association Annual Conference in Traverse City, MI

**Noteworthy Notes**

Jason Albertson was promoted from Patrol Officer to Patrol Sergeant. Sgt. Albertson currently supervises the 3<sup>rd</sup> shift.

Respectfully submitted,

A handwritten signature in cursive script that reads "Daniel J. Brinkman". The signature is written in dark ink and is positioned to the right of the typed name below it.

Captain Daniel J. Brinkman

7d.

7d.

### BEVERAGE OPERATOR LICENSES

1. Kannal, Christopher
2. Schonscheck, Ricky A.

**TEMPORARY CLASS B BEER AND TEMPORARY CLASS B WINE:**

Fall 50 LLC  
1971 Prescott Place  
DePere, WI 54115  
Location: Sunset Park, 747 North 3<sup>rd</sup> Avenue  
October 22, 2016

Corpus Christi Parish  
25 North Elgin Avenue  
Sturgeon Bay, WI 54235  
March 12, 2016

7f.

7f.

**CLASS A BEER AND CLASS A LIQUOR LICENSES:**

TA Operating LLC  
1314 Green Bay Road  
Sturgeon Bay, WI 54235  
DBA: Minit Mart  
March 17, 2016 – June 30, 2016

TA Operating LLC  
1255 Green Bay Road  
Sturgeon Bay, WI 54235  
DBA: Minit Mart  
March 17, 2016 – June 30, 2016

**RECOMMENDATION**

**TO THE HONORABLE MAYOR AND COMMON COUNCIL:**

We, the Finance/Purchasing & Building Committee, hereby recommend to deny the request from Rob Esposito, EPOS LLC to waive invoice #2016014 in the amount of \$125.00 and invoice #2016023 in the amount of \$125.00 for snow removal fees.

Respectfully submitted,

FINANCE/PURCHASING & BUILDING  
COMMITTEE

By: Stewart Fett, Chairperson

RESOLVED, that the foregoing recommendation be adopted.

Dated: February 9, 2016.

\*\*\*\*\*

Introduced by \_\_\_\_\_.

Moved by Alderperson \_\_\_\_\_ seconded by

Alderperson \_\_\_\_\_ that said recommendation be adopted.

Passed by the Council on the \_\_\_\_\_ day of \_\_\_\_\_, 2016.

## WELCOME TO DELICIOUS®

Finance Committee,

I am writing regarding two invoices received for our property located at 845 Egg Harbor Road. We are asking for you to kindly waive the invoices for snow removal. We understand that you tried to contact all property owners, but since the property was just recently purchased and is still vacant, we did not receive any notice.

As with our other business (Culver's), we intend to be great corporate citizens. Now that we have been made aware of the requirement, we have contracted our snow removal service to take care of the property at 845 Egg Harbor road after every snowfall.

We continue to look forward to making improvements to this property that will have a positive impact on Egg Harbor Road, and in that spirit ask your consideration in this matter.

Warm Regards,



Rob Esposito

robessposito8@gmail.com

Cell: 630-946-9142

CITY OF STURGEON BAY  
 421 MICHIGAN ST  
 STURGEON BAY, WI 54235  
 (920) 746-2900

ESPOS, LLC  
 6000 LAKESHORE RD  
 STURGEON BAY WI 54235-

<b>INVOICE</b>
----------------

Invoice Date: 01/19/2016  
 Invoice #: 2016023  
 Invoice Amt: \$125.00  
 Customer #: ESPOS  
 Due Date: UPON RECEIPT

DESCRIPTION	HRS/QTY	COST/UNIT	AMOUNT
SNOW REMOVAL SIDEWALK SNOW REMOVAL TAX PARCEL 2816216000116 @ 845 EGG HARBOR RD ON 1/15/16	1.00	\$100.00	\$100.00
ADMINISTRATIVE FEE	1.00	\$25.00	\$25.00
			=====
		SUB-TOTAL:	\$125.00
		TAX:	\$.00
		AMT. PAID:	\$.00
		INVOICE TOTAL:	\$125.00
			=====

DOOR COUNTY REAL PROPERTY LISTING  
CURRENT ASSESSMENT

01/19/2016

281 6216000116 R 2016

*Old Taco Bar*

845 EGG HARBOR RD

Geo.Loc. 15 281 4 27 26 05 2 04  
000

ESPOS LLC,

MAIL TO:

ESPOS LLC

Map#: 0524

**LEGAL DESCRIPTION**

05 27 26 Ac .65

COM

1711.74'S, 416.27'S50\*W,  
283.80'S48\*W, 20'N41\*W &  
210

6000 LAKESHORE RD

.53'S48\*W N1/4 COR SEC  
5:S

STURGEON BAY WI 54235

48\*W150' S41\*E189.79'  
N48\*E

**CURRENT TAX ASSESSMENT AS OF 2015**

150' N41\*W189.79' BG.

CODE	ACRES	LAND	IMPROVE	TOTAL
L2	.65	154000	173000	327000
TOTALS	.65	154000	173000	327000

DOC# 792075 QCD

DOC# 785995 WD

DOC# 590580 V.692 P790  
WD

V 491 P 746

**COMMENTS**

CLOSE WINDOW

CITY OF STURGEON BAY  
 421 MICHIGAN ST  
 STURGEON BAY, WI 54235  
 (920) 746-2900

ESPOS, LLC  
 6000 LAKESHORE RD  
 STURGEON BAY WI 54235-

<b>INVOICE</b>
----------------

Invoice Date: 01/13/2016  
 Invoice #: 2016014  
 Invoice Amt: \$125.00  
 Customer #: ESPOS  
 Due Date: UPON RECEIPT  
 Reprint Date: 01/13/2016

DESCRIPTION	HRS/QTY	COST/UNIT	AMOUNT
SNOW REMOVAL TAX PARCEL 2816216000116 AT 845 EGG HARBOR RD ON 1/4/16	1.00	\$100.00	\$100.00
ADMINISTRATIVE FEE	1.00	\$25.00	\$25.00
			=====
		SUB-TOTAL:	\$125.00
		TAX:	\$.00
		AMT. PAID:	\$.00
		INVOICE TOTAL:	\$125.00
			=====

DOOR COUNTY REAL PROPERTY LISTING

01/12/2016

CURRENT ASSESSMENT

281 6216000116 R 2016

*Old Taco Bell*

845 EGG HARBOR RD

Geo.Loc. 15 281 4 27 26 05 2 04  
000

ESPOS LLC,

MAIL TO:

ESPOS LLC

Map#: 0524

LEGAL DESCRIPTION

05 27 26 Ac .65

COM.

1711.74'S, 416.27'S50\*W,

283.80'S48\*W, 20'N41\*W &  
210

.53'S48\*W N1/4 COR SEC  
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48\*W150' S41\*E189.79'  
N48\*E

150' N41\*W189.79' BG.

DOC# 792075 QCD

DOC# 785995 WD

DOC# 590580 V 692 P790  
WD

V 491 P 746

6000 LAKESHORE RD

STURGEON BAY WI 54235

CURRENT TAX ASSESSMENT AS OF 2015

CODE	ACRES	LAND	IMPROVE	TOTAL
L2	.65	154000	173000	327000
TOTALS	.65	154000	173000	327000

COMMENTS

CLOSE WINDOW

**Clarizio, Valerie J.**

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**From:** Clarizio, Valerie J.  
**Sent:** Thursday, February 04, 2016 9:18 AM  
**To:** Clarizio, Valerie J.  
**Subject:** FW: 845 Egg Harbor Rd

---

**From:** Lenius, Jen  
**Sent:** Monday, February 01, 2016 2:33 PM  
**To:** Bordeau, Bob  
**Subject:** 845 Egg Harbor Rd

I looked through my notes from the snow storm on December 28<sup>th</sup> and the sidewalk snow removal charges. I looked up the property owner for the Old Taco Bell building at 845 Egg Harbor Road. It is owned by Espos, LLC. 6000 Lakeshore Road. I looked up the address and found a phone number of 920-823-0004. I called on 12/31/15 at 2:15 but there was no answer and no answering machine to leave a message for.

Sincerely,  
*Jennifer Lenius*  
Municipal Services Assistant

City of Sturgeon Bay  
835 N. 14th Avenue  
Sturgeon Bay, WI 54235

920-746-2912  
920-746-2906 (fax)

*While we try to teach our children all about life, our children teach us what life is all about.*

**RECOMMENDATION**

**TO THE HONORABLE MAYOR AND COMMON COUNCIL:**

We, the Finance/Purchasing & Building Committee, hereby recommend to approve the bid from Custom Fab & Body, without the trade in allowance and without the add-on of the brow light. Declare the 1991 GMC TopKick 1800 gallon tender with 500gpm pump surplus, and allow the use of the sale proceeds to be used to purchase a radio, headsets and other required equipment to outfit the new unit in an amount not to exceed the net amount of \$265,000.00 as allocated in the 2016 capital budget.

Respectfully submitted,

FINANCE/PURCHASING & BUILDING  
COMMITTEE

By: Stewart Fett, Chairperson

RESOLVED, that the foregoing recommendation be adopted.

Dated: February 9, 2016

\*\*\*\*\*

Introduced by \_\_\_\_\_.

Moved by Alderperson \_\_\_\_\_ seconded by

Alderperson \_\_\_\_\_ that said recommendation be adopted.

Passed by the Council on the \_\_\_\_\_ day of \_\_\_\_\_, 2016.

## EXECUTIVE SUMMARY

**TITLE:** Replacement/Bids of Sturgeon Bay Fire Dept. Tender #3

**BACKGROUND:** Request for bids to replace Tender #3, a 1991 GMC TopKick 1800 gallon tender w/500 gpm pump, was advertised in accordance with the City of Sturgeon bay Purchasing Policy. Three (3) bids were sent out with three (3) being returned. The bid specifications included a Freightliner chassis with a custom box, Waterous 1250 gpm pump, 2000 gallon tank and a majority of the equipment to make the unit ready for service.

The Fire Department is looking to use the proceeds from the sale of the current unit to outfit the unit with a radio, headsets, and other required make-ready equipment which will be installed either in house or contracted locally. Funds expended on the truck and equipment will not exceed the net budgeted amount of \$265,000.00

### BIDS RECIEVED:

<b>CUSTOM FAB &amp; BODY:</b>	<b>\$271,559.00</b>
Freightliner Chassis	\$100,830.00
Apparatus Body including pump	\$170,729.00
Meets all specifications	
Trade In for old Tender #3	\$10,000.00
Add on for brow light	\$677.00
Estimated lead time:	
Chassis:	6 months
Body build/install:	4-5 months
<b>TOTAL BUILD TIME:</b>	<b>10/11 Months from bid acceptance</b>

<b>MARION BODY WORKS:</b>	<b>\$299,910.00</b>
Freightliner Chassis	
Apparatus Body including pump	\$299,910.00
Not all specifications met	
No trade in allowed	
2 different light bar add on amounts	\$2,223.00
<b>Total completion time:</b>	<b>9-10 months</b>

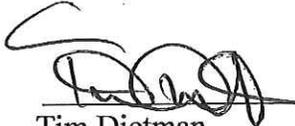
<b>PIERCE MFG:</b>	<b>\$331,775.00</b>
Freightliner Chassis	\$102,000.00
Apparatus Body including pump	\$229,775.00
Prepay discount if paid with contract	\$10,765.00
Price increase end of February	\$8,976.00
Not all specifications met	
No trade in allowed	
<b>Total completion time:</b>	<b>11 months</b>

Of the 3 bids received only 1 has met the specifications and is within budget.

FISCAL IMPACT: \$280,000.00 was included in the Fire Department's 2016 Capital Budget for this vehicle, as well as a \$15,000.00 trade in value for a net budget amount of \$265,000.00. Additionally, the 2016 budget shows this item being purchased with debt proceeds.

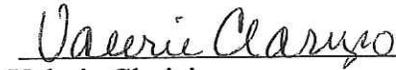
RECOMMENDATION: Accept the Bid from CUSTOM FAB & BODY without the trade in allowance and without the add-on of the brow light. Declare the 1991 GMC TopKick 1800 gallon tender w/500 gpm pump surplus, and allow the use of the sale proceeds to be used to purchase a radio, headsets and other required equipment to outfit the new unit in an amount not to exceed the net amount of \$265,000.00 as allocated in the 2016 capital budget.

PREPARED BY:

  
\_\_\_\_\_  
Tim Dietman  
Fire Chief

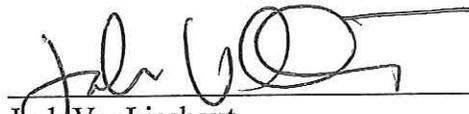
2/3/2016  
Date

REVIEWED BY:

  
\_\_\_\_\_  
Valerie Clarizio  
Finance Director/City Treasurer

2/3/16  
Date

APPROVED BY:

  
\_\_\_\_\_  
Josh VanLieshout  
City Administrator

2/3/16  
Date





## CITY of STURGEON BAY FIRE DEPARTMENT

**Tim Dietman**  
Fire Chief

421 Michigan St  
Sturgeon Bay, WI 54235

920-746-2916 Station 920-746-2405 Office  
920-746-6901 FAX  
Email: [tdietman@sturgeonbaywi.org](mailto:tdietman@sturgeonbaywi.org)

### **Competitive Sealed Bids – 01/11/2016**

The Sturgeon Bay Fire Department is seeking sealed bids for:

one (1) 1250 gpm, 2000 gal., Pumper/Tender

Bid must meet or exceed all of the specifications listed. Any change to the specifications such as, but not limited to, makes, models or dimensions must be listed on a separate sheet indicating the change to the specifications and the page number containing the original specification. Bids must include delivery to the Sturgeon Bay Fire Department and any payment options that are available.

Bidder may also provide trade in pricing on a 1991 GMC TopKick, 500gpm pump, stainless steel tank. More info can be obtained and truck can be seen at the Sturgeon Bay Fire Station.

The successful bidder will be required to post a performance security in the amount of 2-1/2 percent (2.5%) of the proposal. Security shall be in the form of a certified check or acceptable guarantee, payable to the City of Sturgeon Bay. The City of Sturgeon Bay Reserves the right to reject any or all bids, parts of any or all bids, or to waive technical errors or omissions in the bid, or to negotiate purchase of products or services which best meet the needs of the City of Sturgeon Bay.

Bids will be received until 2:00 p.m., on February 01, 2016

Send Bids to: City of Sturgeon Bay  
421 Michigan Street  
Sturgeon Bay, WI 54235

Mark Envelope: **Sealed Bid for  
Pumper/Tender**

Any questions or clarifications regarding the bid specifications should be forwarded to:

Fire Chief Tim Dietman  
421 Michigan Street  
Sturgeon Bay, WI. 54235  
(920) 746-2405

Sturgeon Bay Fire Department  
Sturgeon Bay, WI  
Pumper-Tender Specification

Dated: 01/11/2016

**INTRODUCTION  
PROPOSAL REQUIREMENTS**

**General Information**

Each bidder must indicate his compliance with these specifications by marking "YES" or "NO" in the appropriate column for each paragraph of this specification. Indicating "YES" to a paragraph will mean full compliance; indicating "NO" will mean an exception is being taken. All exceptions must be fully explained on a separate page, titled "Exceptions", giving reference to the page and paragraph where the exception is being taken. Failure to comply with this requirement will result in the bid proposal being rejected. It is the intent of these specifications to secure apparatus constructed to withstand the severe and continuous use encountered during emergency firefighting services. The apparatus will be of the latest type, carefully designed and constructed with due consideration to the nature and distribution of the load to be sustained. These specifications detail the requirements for general design criteria of cab and chassis components, fire pump and related components, water tank, fire body, electrical components, painting, and equipment. In evaluating the bid proposals to determine which proposal is the most advantageous, these major items will be considered.

Apparatus and equipment must meet the specific requirements and intent of the requirements as specified herein. All items of these specifications will conform to the character of the proposed apparatus and the purpose for which it is intended. Criteria as specified by the National Fire Protection Association Pamphlet No. 1901, latest edition, entitled "Suggested Specifications for Motor Fire Apparatus", as approved by the American Insurance Association and International Association of Fire Chiefs, is hereby adopted and made a part of these specifications the same as if they were written out in full, insofar as they apply and are not specifically modified in the following detailed specifications. Bidder will provide only that equipment as required in the following specifications. The fire apparatus and equipment to be furnished in meeting these specifications must be the products of an established, reputable fire apparatus and/or equipment manufacturer. Each bidder will furnish satisfactory evidence of the manufacturer's ability to construct, supply service parts and technical assistance for the apparatus specified. They must state the location of the factory and location for post delivery service. Each bidder will supply proof of product liability and facility insurance equal to or exceeding \$1,000,000.00. This will be provided as part of the proposal. The contractor will supply, at the time of delivery, at least one (1) copy of the following documents:

A) The manufacturer's record of apparatus construction details, including the following information:

1. Owners name and address
2. Apparatus manufacturer, model, and serial number
3. Chassis make, model, and serial number
4. GAWR of front and rear axles
5. Front tire size and total rated capacity in pounds
6. Rear tire size and total rated capacity in pounds
7. Chassis weight distribution in pounds with water and manufacturer mounted equipment front and rear
8. Engine make, model, serial number, number of cylinders, bore, stroke, displacement and compression ratio, rated horsepower and related speed per SAE J690 certification of Maximum Net Horsepower for Motor Trucks and Truck Tractors, and no load governed speed.
9. Type of fuel and fuel tank capacity
10. Electrical system voltage and alternator output in amps.
11. Battery make and model, capacity in CCA
12. Transmission make, model and type
13. Pump to drive through the transmission yes or no
14. Engine to pump gear ratio and transmission gear ratio used.
15. Pump make, model, rated capacity in gallons per minute, serial number, number of stages and impeller diameter in inches.
16. Pump transmission make, model and serial number.
17. Priming device type.
18. Type of pump pressure control system.
19. Auxiliary pump make, model, rated capacity in gallons per minute, serial number, number of stages, and impeller diameter in inches.
20. Water tank certified capacity in gallons
21. Paint numbers
23. Company name and signature or responsible company representative

A) If the apparatus has a fire pump, the pump manufacturer's certification of hydrostatic test.

B) If the apparatus has a fire pump, a 3<sup>rd</sup> Party certification of inspection and test for the fire pump.

C) Weight documents from certified scale - showing actual loading on the front axle, rear axle(s) and overall vehicle (with the water tank full but without personnel, equipment and hose) - will be supplied with the complete vehicle to determine compliance with Section 8-1.

D) Written load analysis and results of electrical performance test required in Chapter 9.

E) If the apparatus is equipped with a water tank, the certification of water tank capacity, (Section 15-6).

The chassis will be certified by the apparatus manufacturer as conforming to all applicable federal motor vehicle safety standards in effect at the date of contract. This will be attested to by the attachment of a FMVSS certification label on the vehicle by the contractor who will be recognized as the responsible final manufacturer. The successful bidder will be responsible for preparing and maintaining a record file of parts and assemblies used to manufacture the apparatus. These records will be maintained in the factory of the bidder for a minimum of twenty (20) years. File will contain copies of any and all reported deficiencies, all replacement parts required to maintain the apparatus, and original purchase documents including specifications, contract, invoices, incomplete chassis certificates, quality control reports and final delivery acceptance documents, the purchaser will have access to any and all documents contained in this file upon request.

Bids will be addressed and submitted in accordance with the advertised "Bid Notice". The words "**Fire Apparatus Bid**", the date, and the bid opening time must be stated on the face of the bid envelope. It is the bidder's responsibility to see that their proposals arrive on time. Late proposals, telegram, facsimile or telephone bids will not be considered. Each bid will be accompanied by the bidder's detailed description of the apparatus and equipment it proposes to furnish in the same order as bid specifications. It is the intent of these specifications to cover the furnishing and delivery of a complete and soundly engineered apparatus equipped as specified. Minor details of construction and materials, where not otherwise specified, are left to the discretion of the contractor, who will be solely responsible for the design and construction of all features. Some items have been specified by brand name or model number. These have been carefully selected because of their reliability and availability for replacement locally. In order to be most responsive, items named, or an item "equal to" the particular item specified by brand name or model, should be contained in the bid proposal. It is the bidder's responsibility to prove to the Purchaser that an item bid as "equal to" a particular specified item, is truly of equal quality, design, and function as the specified item. The Purchaser maintains the right to make a final decision as to the acceptability of an item bid as "equal to" a particular specified item. No exception will be allowed for any of the aforementioned instructions. Bids not submitted in accordance with these instructions will be rejected.

### **Special Conditions**

No bid will be considered unless the bidder can meet the special conditions stated herein.

- 1.) The parent company of the apparatus manufacturer must be 100% owned and operated in the United States of America. NO EXCEPTIONS!
- 2) The complete apparatus must be manufactured in the United States of America.
- 3) Completed apparatus shall meet or exceed current NFPA standards.

### **Prices and Payments**

The bid price will be on an accepted basis by the Fire Department at the manufacturer's location. Total price on bidder's proposal sheet must include all items listed in these specifications. Listing any items contained in the specification as an extra cost item, unless specifically requested to do so in these specifications, will automatically be cause for rejection. Bidder will compute pricing less federal and state taxes. It is understood that any applicable taxes will be added to the proposed prices, unless the purchaser furnishes appropriate tax exempt forms. The chassis shall be part of the total bid package. The chassis price shall be paid upon its completion and delivery to the body builder. The remaining balance shall be paid in full upon acceptance by the fire

Department before the apparatus leaves the manufacturer's facility, unless prior approval is given by the manufacturer owner/management.

All bids shall be valid for a minimum of sixty-60 days.

### **City's Right to Accept or Reject**

The City of Sturgeon Bay reserves the right to accept or reject any bid, any part of a bid, or any combination of two (2) or more bids which may be deemed to be in the best interest of the City. The City further reserves the right to reject any or all bids.

### **Bid Evaluation**

Bids received will be evaluated by Purchaser, Fire Chief and Apparatus Committee. This evaluation will be based as a minimum on the following criteria:

1. Commitment for expedient delivery.
2. Commitment to the general conditions contained herein, including warranty
3. Completeness of the proposal, i.e. the degree which it responds to all requirements and requests for information contained herein.
4. Manufacturing and delivery schedule.
5. Contractor's demonstrated capabilities and qualifications.
6. Equipment supplier and/or local representative's demonstrated capabilities and qualifications.

### **Bid Performance Security**

The lowest responsible bidder awarded the bid will be required to issue a certified check in the amount of 2.5% (two and one half percent) of the bid, payable to the City of Sturgeon Bay, as a guarantee that the bid contract will be executed. The bidder will be required to submit Performance Security within ten (10) days of the notice of award and prior to notice to proceed with equipment acquisition. Failure to do so may result in rejection of bid.

### **Exceptions to Specifications**

Exceptions will be referenced to the paragraph and page of these specifications where the item appears. Drawings, photographs, and technical information about the exception will be included as necessary. Any exceptions may be considered during the evaluation process, and the decision will be final. Proposals taking total exceptions to specifications will not be accepted.

### **Technical Information**

Bidder will furnish free of charge, upon request, technical information, graphs, charts, photographs, engineering diagrams, steering geometry, drive train certifications, instruction guides, or other documentation as requested to show that the equipment offered fully complies with these specifications.

### **Delivery Time**

Each bidder will state the completed apparatus delivery time based on the number of calendar days, starting from the date the sales contract is signed and accepted by the apparatus manufacturer.

### **User's List**

Each bidder will include a current "User's List" with a minimum of fifteen (15) units that are within 300 miles of the purchaser. This list will include customer name, person to contact, address and telephone number. Failure to include this list will result in rejection of the bid.

### **Material and Workmanship**

All equipment furnished will be guaranteed to be new and of current manufacture, to meet all requirements of these specifications, and to be in intended use condition at time of delivery. All workmanship will be of high quality and accomplished in a professional manner so as to insure a functional apparatus with a pleasing, aesthetic appearance.

### **Warranty**

The apparatus shall be warranted and free from defects in materials and workmanship under normal use and service for a period of one (1) year on the complete apparatus. Apparatus body components shall be warranted from the individual components manufacturer.

*Body:* There shall be a 10-year or 100,000 mile warranty on the structural integrity of the aluminum apparatus body to the original purchaser. There shall be a copy of the body warranty provided with the completed apparatus at delivery.

*Paint/Corrosion:* The apparatus shall be supplied with a seven (7) year NON-PRORATED paint and corrosion warranty from the delivery date of the apparatus.

*Plumbing:* The apparatus shall be supplied with a ten (10) year plumbing warranty from the delivery date of the apparatus.

*Tank:* The tank shall have a lifetime warranty provided from the tank manufacturer.

*Pump:* The fire pump shall have a five (5) year standard warranty provided by the pump manufacturer.

*Chassis:* The apparatus chassis will be provided with a warranty through the chassis builder.

### **Contract Award**

The Purchaser reserves the right to reject any or all bids deemed to be unresponsive. The Purchaser also reserves the right to waive any informalities, irregularities and technicalities in procedure. The Purchaser reserves the right, before awarding the contract, to require a bidder to submit evidence of his qualifications as may be deemed necessary. Documentation which may be required is financial soundness, technical competency, and other pertinent qualifications of a bidder, including past performance (experience) with the Purchaser. Upon award of contract, the sales contract will be between the Purchaser and the manufacturer of the apparatus. Contracts between the Purchaser and a sales representative, dealer, distributor, or agent of the apparatus manufacturer will not be acceptable. (No Exceptions.)

### **Sales Engineer**

The successful bidder will designate a competent individual, acceptable to the purchaser, to perform the contractor's sales engineer functions. The sales engineer will provide a single point interface between the purchaser and the contractor on all matters concerning the contract.

### **Drawings**

Detailed blue prints will be required in the bid package. The drawing must be of the exact vehicle being bid and must show the following features:

- 1) Right side of vehicle
- 2) Left side of vehicle
- 3) Top of vehicle
- 4) Rear of vehicle

Detailed blue prints and written specifications will be approved by the purchaser prior to any metal being sheared or cut for the unit. The purchaser, manufacturer's representative and the apparatus manufacturer will each have a copy of this blue print and specifications. Upon purchaser's approval, this print and specifications will become a part of the total contract. Drawing will show, but is not limited to, such items as the chassis being utilized, lights, sirens, all compartment locations and dimensions, special suction, discharges, etc. Blue print will be a visual interpretation of the unit as it is to be supplied.

### **Delivery**

Delivery of the apparatus to the Sturgeon Bay Fire Department will be made by department personnel after the inspection and acceptance at the manufacturer's facility, unless prior arrangements are made with the sales engineer and/or manufacturer.

### **Instruction Manuals/Drawings, Schematic**

In accordance with standard commercial practices, applicable to each vehicle (including body and special equipment) furnished under the contract, the following listed manuals and schematics, in the quantity specified, will be provided at time of delivery of each vehicle. The contractor will supply at time of delivery, at least one copy of a complete operation and service manual covering the complete apparatus as delivered and accepted. The manual will contain the following:

- A) Descriptions, specifications, and ratings of chassis and pump.
- B) Wiring diagrams
- C) Lubrication charts
- D) Operating instructions for the chassis, any major components such as a pump and any auxiliary systems.
- E) Instructions regarding the frequency and procedures recommended for maintenance.
- F) Parts replacement information

### **Vehicle Fluids Plate**

As required by N.F.P.A., the contractor will affix a permanent plate in the driver's compartment specifying the quantity and type of the following fluids used in the vehicle: A permanent plate in the driving compartment will specify the quantity and type of the following fluids used in the

vehicle:

- A) Engine oil
- B) Engine coolant
- C) Chassis transmission fluid
- D) Pump transmission lubrication fluid
- E) Pump primer fluid
- F) Drive axle(s) lubrication fluid
- G) Air-conditioning refrigerant
- H) Air-conditioning lubrication oil
- I) Power steering fluid
- J) Cab tilt mechanism
- K) Equipment rack fluid
- L) Generator system lubricant

**Principle Apparatus Dimensions & G.V.W.R.**

The principle dimensions of the completed apparatus will not exceed the following maximum acceptable dimensions:

- OVERALL LENGTH: 420" (35ft)
- OVERALL WIDTH: 102"
- OVERALL HEIGHT: 132"
- WHEELBASE: 267"

The axle and total weight ratings of the completed apparatus will not be less than the following minimum acceptable weight ratings:

- MINIMUM FRONT G.A.W.R.: 16,000 lbs.
- MINIMUM REAR G.A.W.R.: 30,000 lbs.
- MINIMUM TOTAL G.V.W.R.: 46,000 lbs.

Each proposal must include the principle dimensions, front G.A.W.R., rear G.A.W.R., and total G.V.W.R. of the proposed apparatus. Additionally, all bidders will provide a weight distribution of the fully loaded, completed vehicle; this will include a filled water tank, specified hose load, 2,000 lbs. of miscellaneous equipment, and an equivalent personnel load of 200 lbs. per seating position.

***Chassis Specification***

Description	Weight Front	Weight Rear
Price Level		
M2 PRL		
Data Version		
SPECPRO21		
Vehicle Configuration		

Description	Weight Front	Weight Rear
M2 106 CONVENTIONAL CHASSIS 2017 MODEL YEAR SPECIFIED SET BACK AXLE - TRUCK STRAIGHT TRUCK PROVISION LH PRIMARY STEERING LOCATION	5,759	3,503
<b>General Service</b>		
TRUCK CONFIGURATION DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES) RESCUE AND EMERGENCY SERVICE GOVERNMENT BUSINESS SEGMENT LIQUID BULK COMMODITY TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS MAXIMUM 8% EXPECTED GRADE SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE MEDIUM TRUCK WARRANTY EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs EXPECTED REAR DRIVE AXLE(S) LOAD : 30000.0 lbs EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 46000.0 lbs		
<b>Truck Service</b>		
RESCUE - MAIN DRIVELINE DRIVEN SPLIT-SHAFT PTO EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
<b>Engine</b>		
CUM ISL 350 HP @ 2000 RPM, 2200 GOV RPM, 1000 LB/FT @ 1400 RPM	640	30



Description	Weight Front	Weight Rear
BATTERY BOX FRAME MOUNTED STANDARD BATTERY JUMPERS SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN NON-POLISHED BATTERY BOX COVER	8	
POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR AIR COMPRESSOR DISCHARGE LINE	20	
GVG, FIRE AND EMERGENCY SERVICE VEHICLES ENGINE WARNING CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE EXITING FORWARD OF REAR TIRES ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH STANDARD EXHAUST SYSTEM LENGTH	10	5

Description	Weight Front	Weight Rear
RH HORIZONTAL TAILPIPE, EXIT FORWARD OF REAR TIRES AT 90 DEGREES 6 GALLON DIESEL EXHAUST FLUID TANK 100 PERCENT DIESEL EXHAUST FLUID FILL LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION DIESEL EXHAUST FLUID PUMP MOUNTED AFT OF DIESEL EXHAUST FLUID TANK STANDARD DIESEL EXHAUST FLUID TANK CAP HORTON DRIVEMASTER ON/OFF FAN DRIVE AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED CUMMINS SPIN ON FUEL FILTER COMBINATION FULL FLOW/BYPASS OIL FILTER 1100 SQUARE INCH ALUMINUM RADIATOR ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE- CHARGED SCA HEAVY DUTY COOLANT GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES RADIATOR DRAIN VALVE LOWER RADIATOR GUARD ALUMINUM FLYWHEEL HOUSING ELECTRIC GRID AIR INTAKE WARMER DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH	20	20
<b>Transmission</b>		

Description	Weight Front	Weight Rear
ALLISON 3000 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60
<b>Transmission Equipment</b>		
<p>ALLISON VOCATIONAL PACKAGE 170 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS AND EVS ALLISON VOCATIONAL RATING FOR FIRE TRUCK/EMERGENCY VEHICLE APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED VEHICLE INTERFACE WIRING CONNECTOR WITH PDM AND NO BLUNT CUTS, AT BACK OF CAB ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED (2) CUSTOMER INSTALLED CHELSEA 277 SERIES PTO'S PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN</p>		

Description	Weight Front	Weight Rear
PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED TRANSMISSION PROGNOSTICS - ENABLED 2013 WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK TRANSMISSION OIL CHECK AND FILL WITH CROSSOVER TO CLEAR LH PTO AND DIRECT MOUNT PUMP SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
<b>Front Axle and Equipment</b>		
DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190	
MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES FIRE AND EMERGENCY SEVERE SERVICE, NON- ASBESTOS FRONT LINING CONMET CAST IRON FRONT BRAKE DRUMS SKF SCOTSEAL PLUS XL FRONT OIL SEALS VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL STANDARD SPINDLE NUTS FOR ALL AXLES	10	
MERITOR AUTOMATIC FRONT SLACK ADJUSTERS TRW TAS-85 POWER STEERING POWER STEERING PUMP 2 QUART SEE THROUGH POWER STEERING RESERVOIR SYNTHETIC 75W-90 FRONT AXLE LUBE	40	
<b>Front Suspension</b>		

Description	Weight Front	Weight Rear
16,000# FLAT LEAF FRONT SUSPENSION GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION FRONT SHOCK ABSORBERS	260	
<b>Rear Axle and Equipment</b>		
RS-30-185 31,000# U-SERIES FIRE/EMERGENCY SERVICE SINGLE REAR AXLE 5.63 REAR AXLE RATIO IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		300
MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	40	40
DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE (1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		20
BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
MERITOR 16.5X7 P CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES FIRE AND EMERGENCY SEVERE SERVICE NON- ASBESTOS REAR BRAKE LINING		20
BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WEBB CAST IRON REAR BRAKE DRUMS		50
REAR OIL SEALS HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		



Description	Weight Front	Weight Rear
<b>Trailer Connections</b>		
UPGRADED CHASSIS MULTIPLEXING UNIT UPGRADED BULKHEAD MULTIPLEXING UNIT		
<b>Wheelbase &amp; Frame</b>		
6950MM (274 INCH) WHEELBASE		
7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	610	360
1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT 1600MM (63 INCH) REAR FRAME OVERHANG	230	460
FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 161.2 in		
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 158.2 in		
CALC'D FRAME LENGTH - OVERALL : 366.39		
CALC'D SPACE AVAILABLE FOR DECKPLATE : 161.2 in		
CALCULATED FRAME SPACE LH SIDE : 228.15 in		
CALCULATED FRAME SPACE RH SIDE : 217.21 in		
SQUARE END OF FRAME FRONT CLOSING		
CROSSMEMBER LIGHTWEIGHT HEAVY DUTY	-12	
ALUMINUM ENGINE CROSSMEMBER		
STANDARD MIDSHIP #1 CROSSMEMBER(S)		
STANDARD REARMOST CROSSMEMBER		
STANDARD SUSPENSION CROSSMEMBER		

Description	Weight Front	Weight Rear
<b>Chassis Equipment</b>		
THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS	30	
FRONT TOW HOOKS - FRAME MOUNTED BUMPER MOUNTING FOR SINGLE LICENSE PLATE FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS GRADE 8 THREADED HEX HEADED FRAME FASTENERS	15	
<b>Fuel Tanks</b>		
50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH RECTANGULAR FUEL TANK(S) PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS FUEL TANK(S) FORWARD PLAIN STEP FINISH FUEL TANK CAP(S) ALLIANCE FUEL FILTER/WATER SEPARATOR WITH HEATED BOWL AND PRIMER PUMP EQUIFLO INBOARD FUEL SYSTEM HIGH TEMPERATURE REINFORCED NYLON FUEL LINE	20	
<b>Tires</b>		
MICHELIN XZA2 ENERGY 315/80R22.5 20 PLY RADIAL FRONT TIRES	56	
MICHELIN XZY-3 315/80R22.5 20 PLY RADIAL REAR TIRES		160
<b>Hubs</b>		
CONMET PRESET PLUS IRON FRONT HUBS WEBB IRON REAR HUBS		70
<b>Wheels</b>		

Description	Weight Front	Weight Rear
ALCOA 89465X 22.5X9.00 10- HUB PILOT 5.96 INSET ALUMINUM DISC FRONT WHEELS	-40	
ALCOA 89465X 22.5X9.00 10- HUB PILOT 5.96 INSET ALUMINUM DISC REAR WHEELS POLISHED FRONT WHEELS; OUTSIDE ONLY POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY FRONT WHEEL MOUNTING NUTS REAR WHEEL MOUNTING NUTS		-80

**Cab Exterior**

154 INCH BBC HIGH-ROOF ALUMINUM CONVENTIONAL CREW CAB AIR CAB MOUNTS	430	250
CAB ROOF REINFORCEMENTS FOR ROOF MOUNTED COMPONENTS	2	
LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT HOOD MOUNTED CHROMED PLASTIC GRILLE CHROME HOOD MOUNTED AIR INTAKE GRILLE FIBERGLASS HOOD TUNNEL/FIREWALL LINER VALVE AND PLUMBING FOR CUSTOMER FURNISHED AIR HORN, PIPING CAPPED AT FIREWALL DUAL ELECTRIC HORNS DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME REAR LICENSE PLATE MOUNT END OF FRAME		

Description	Weight Front	Weight Rear
INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL LED AERODYNAMIC MARKER LIGHTS DAYTIME RUNNING LIGHTS INTEGRAL STOP/TAIL/BACKUP LIGHTS		
STANDARD FRONT TURN SIGNAL LAMPS		
DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE		
DOOR MOUNTED MIRRORS 102 INCH EQUIPMENT WIDTH LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
RH DOWN VIEW MIRROR STANDARD SIDE/REAR REFLECTORS		
COMPOSITE EXTERIOR SUN VISOR	10	
63X14 INCH TINTED REAR WINDOW		
TINTED DOOR GLASS LH AND RH WITH TINTED NON- OPERATING WING WINDOWS		
RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	8	
TINTED WINDSHIELD 2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED		
WHITE WINTERFRONT	2	
<b>Cab Interior</b>		
OPAL GRAY VINYL INTERIOR		

Description	Weight Front	Weight Rear
MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
BLACK MATS WITH SINGLE INSULATION		
FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
IN DASH STORAGE BIN (2) CUP HOLDERS LH AND RH DASH		
GRAY/CHARCOAL FLAT DASH SMART SWITCH EXPANSION MODULE		
HEATER, DEFROSTER AND AIR CONDITIONER		
STANDARD HVAC DUCTING MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH STANDARD HEATER PLUMBING		
DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR BINARY CONTROL, R-134A		
PREMIUM INSULATION		
SOLID-STATE CIRCUIT PROTECTION AND FUSES		
12V NEGATIVE GROUND		
ELECTRICAL SYSTEM DOOR ACTIVATED DOME/RED MAP LIGHTS, FORWARD LH AND RH AND REAR LH, RH AND CENTER		
LH AND RH ELECTRIC DOOR LOCKS		
(1) 12 VOLT POWER SUPPLY IN DASH		

Description	Weight Front	Weight Rear
SEATS INC 911 UNIVERSAL SERIES HIGH BACK AIR SUSPENSION DRIVER SEAT WITH NFPA 1901-2009 COMPLIANT SEAT SENSOR	50	
SEATS INC 911 UNIVERSAL SERIES HIGH BACK NON SUSPENSION PASSENGER SEAT WITH UNDERSEAT STORAGE AND NFPA 1901-2009 COMPLIANT SEAT SENSOR	25	10
SEATS INC 911 UNIVERSAL SCBA NON SUSPENSION LH AND RH REAR PASSENGER SEATS WITH UNDER SEAT STORAGE AND NFPA 1901-2009 COMPLIANT SEAT SENSOR LH AND RH INTEGRAL DOOR PANEL ARMRESTS GRAY VINYL DRIVER SEAT COVER WITH GRAY CORDURA CLOTH BOLSTER AND HEADREST GRAY VINYL FRONT PASSENGER SEAT COVER WITH GRAY CORDURA CLOTH BOLSTER AND HEADREST GRAY VINYL REAR PASSENGER SEAT COVER WITH GRAY CORDURA CLOTH BOLSTER AND HEADREST 3 POINT HIGH VISIBILITY ORANGE RETRACTOR DRIVER, RH FRONT AND LH AND RH REAR PASSENGER SEAT BELTS WITH NFPA 1901-2009 COMPLIANT SENSOR AND DASH HARNESS TILT/TELESCOPING STEERING COLUMN 4-SPOKE 18 INCH (450MM) STEERING WHEEL DRIVER AND PASSENGER INTERIOR SUN VISORS	140	40

Description	Weight Front	Weight Rear
<b>Instruments &amp; Controls</b>		
GRAY DRIVER INSTRUMENT PANEL GRAY CENTER INSTRUMENT PANEL ENGINE REMOTE INTERFACE WITH PARK BRAKE AND NEUTRAL INTERLOCKS BLACK GAUGE BEZELS LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM 2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS 97 DB BACKUP ALARM ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL IGNITION SWITCH WITH NON REMOVABLE KEY ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH 2 INCH ELECTRIC FUEL GAUGE ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE 2 INCH TRANSMISSION OIL TEMPERATURE GAUGE ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		3

Description	Weight Front	Weight Rear
CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS ENHANCED STABILITY CONTROL NO LANE DEPARTURE WARNING SYSTEM ELECTRIC ENGINE OIL PRESSURE GAUGE OVERHEAD INSTRUMENT PANEL POWER AND GROUND WIRING PROVISION OVERHEAD CB WIRING ONLY TO ROOF/OVERHEAD CONSOLE; NO MOUNTING PROVISION ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER STANDARD VEHICLE SPEED SENSOR ELECTRONIC 3000 RPM TACHOMETER NFPA VEHICLE DATA RECORDER AND SEATBELT DISPLAY IGNITION SWITCH CONTROLLED ENGINE STOP (2) OVERHEAD MOUNTED LANYARD CONTROLS: (1) OFFICER AIR HORN AND (1) DRIVER AIR HORN DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR	5	

Description	Weight Front	Weight Rear
SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS NO MISCELLANEOUS GAUGES		

**Design**

PAINT: ONE SOLID COLOR

**Color**

CAB COLOR A: L3781EB VIPER  
RED ELITE BC  
BLACK, HIGH SOLIDS  
POLYURETHANE CHASSIS  
PAINT  
NO FUEL TANK CABINET PAINT  
SUNVISOR PAINTED SAME AS  
CAB COLOR A

**Certification / Compliance**

U.S. FMVSS CERTIFICATION,  
EXCEPT SALES CABS AND  
GLIDER KITS

**Secondary Factory Options**

CORPORATE PDI CENTER IN-  
SERVICE ONLY

**T O T A L V E H I C L E S U M M A R Y**

**Weight Summary**

	Weight Front	Weight Rear	Total Weight
Factory Weight <sup>+</sup>	8878 lbs	5561 lbs	14439 lbs
Total Weight <sup>+</sup>	8878 lbs	5561 lbs	14439 lbs

**Chassis Modifications**

### **Cab Step Overlay**

The chassis cab entrance step at the driver's side shall be removed and replaced with a step of 1/8" "embossed" aluminum diamond plate. This step shall also include a vertical riser to cover the void between the step and the bottom of the cab doorjamb. The step will be designed so that the first step is no further than 24" from the ground. An additional stepping surface will be incorporated into the step so that there is less than 18" from the first step to the cab.

### **Fuel Tank Overlay**

The chassis furnished step tank shall be covered with 1/8" "embossed" aluminum diamond plate. A step pocket shall be furnished in the cover to match the fuel step pocket. The step areas shall have an open type surface to facilitate draining of accidentally spilled fuel. A nametag shall be provided warning what type of fuel to be used.

### **Front Bumper Extension**

There shall be a front bumper extension provided on the chassis, which shall extend out the bumper approximately 24" in length. The extension shall be built off the chassis frame. There shall be an aluminum diamond plate gravel shield bolted to the framework to cover the front bumper extension. The chassis front tow hooks shall also be moved out with the bumper to the extended position.

### **Bumper Compartments and Covers**

There shall be three (3), recessed compartments located in the front bumper extension with drain holes in the corners and lined with compartment matting. There shall be one (1) large compartment at the center and one (1) smaller compartment at each outer portion of the bumper extension. There shall be sealed aluminum diamond plate covers installed for each compartment. The covers shall be attached at the rear of the compartments with a stainless steel hinge and the front shall be supplied with a push button trigger latch. The covers shall also be supplied with pneumatic lift assists to hold the covers open when in use.

### **Aluminum Map Box**

There shall be a custom designed map box installed onto the rear of the center electrical control console in the cab of the apparatus. The map box shall be designed to fit a customer specified amount of binders and folders in an easily accessible location from the officer's seat. The map box shall be constructed from aluminum diamond plate to match the electrical control console.

### **Crew Cab Center Console**

There shall be an additional console in the rear crew cab of the apparatus. This console shall be in place of the center rear seat in the crew cab. This console shall be fabricated from aluminum diamond plate and shall be a storage location for miscellaneous items. The console will be supplied with two (2) 110v shoreline powered receptacles, storage location for a Thermal Imaging Camera, gas detector and flashlights. An additional SCBA bracket with restraint strap will also be installed onto this console. The exact layout of this console will be determined by the fire department at the pre-construction meeting.

### **Chassis Exhaust**

The chassis exhaust shall be properly extended with exhaust pipe, elbows, and clamps to a position directly ahead of the right rear wheel. Vendor shall provide MAGNA GRIP adaptor.

### **Rear Mudflaps**

There shall be heavy duty rubber mudflaps installed behind each rear wheel.

### **Shift Pad Cover**

There shall be a cover installed over the shift pad of the chassis transmission push button shift control. The cover shall be a clear Lexan material adhered to a piece of stainless steel hinge and attached to the shift tower in a manner that will not interfere with the shift pad function.

### **Kussmaul Pump Plus 1000 Super Kit**

There shall be installed one (1) Kussmaul Pump Plus 1000 Super Kit, model 091-9-1000-S-KIT, on the apparatus. The Pump Plus 1000 Super Kit consists of one (1) Auto Pump 12V air compressor, one (1) Pump Plus 1000 battery charger/conditioner, one (1) Super Auto Eject shoreline inlet and one (1) Auto Charge indicator. This Pump Plus 1000 Super Kit will keep the chassis air system, batteries and components at a charged and ready state while connected to the shoreline inlet. The Super Auto Eject shall allow the shoreline cable to be automatically ejected from the vehicle upon activation of the chassis starter. The Super Auto Eject is made up of a completely sealed box with a snap tight cover to prevent corrosion to hamper the performance of the Auto Eject. The Super Auto Eject shall be supplied with a "Red" cover.

The Auto Eject receptacle shall be mounted in the flat surface directly behind the driver's door of the chassis. The charge indicator shall be mounted directly above the Super Auto Eject receptacle.

### **Air Eject**

There shall be a Kussmaul Air Eject installed on the vehicle on the cab near the driver's door area and plumbed to the chassis air system. The Air Eject shall keep the vehicles air brake system at a charged and ready state. The Air Eject shall be automatically disconnected when the vehicle's starter is activated. The air eject shall also be supplied with the weatherproof adapter kit.

### **120-Volt Receptacle**

There shall be one (1) 120-volt/15-amp duplex household style receptacle installed in the cab of the apparatus on the center control console. The receptacles shall be wired to the shoreline inlet for operation.

### **Grover Air Horns**

There shall be a set of Grover Stuttertone air horns installed on the sides of the engine hood of the apparatus, one (1) each side. The air horns shall be plumbed to the chassis air system with 1/4" nylon tubing and a pressure protection valve shall also be used. The horns shall be controlled in the cab with foot switch controls near the driver and officer seats. There shall also be a lanyard control in the cab near the driver seat position for the air horns.

### **Battery Jump Posts**

There shall be a set of battery jumper posts supplied and installed at the step area adjacent to the battery storage location. The jumper posts allow the vehicle to be jump started in the event of an emergency due to battery failure.

### **Tow Eyes**

There shall be a set of tow eyes at the rear of the body just above the rear step. The tow eyes shall be made from 3/4" x 4" steel with a 2" x 4" oval eye center. They shall be bolted directly to the chassis frame and also reinforced for superior strength. The tow eyes and framework shall be finish painted black.

### **Hitch Receiver**

There shall be a minimum of a Class III hitch receiver supplied and installed under the rear tailboard. The hitch receiver shall be supplied with a 2" receiver tube.

There shall also be a seven-prong trailer-wiring plug located at the rear receiver location.

### **Radio Antenna**

There shall be one (1) two-way radio antenna installed through the roof of the chassis cab towards the rear. The antenna shall be customer supplied and delivered with the customer's chassis for installation.

### **12 Volt Power Wire**

There shall be two (2) sets of spare 12 volt wires located in the cab of the apparatus near the electric control console. The wires shall be labeled by the manufacturer and this wire shall be used for radio installation at a later date by the radio installation company.

### **Wheel Chocks**

There shall be a pair of Worden heavy-duty aluminum wheel chocks supplied with the apparatus with horizontal mounting brackets. The wheel chocks shall be supplied with the apparatus at delivery.

### **SCBA Bracket**

There shall be four (4) Ziamatic Corporation model ULLH Load and Lock SCBA brackets with pull release supplied and installed in the cab. There shall be one (1) bracket bolted into each of the rear cab SCBA seat backs and the third and fourth bracket onto the rear of the console in the rear of the cab. These brackets shall be NFPA compliant for crew compartment seating locations. There shall be four (4) SCBA mask bags installed, one (1) at each location in conjunction with the LOCK SCBS brackets.

### **Helmet Security**

There shall be Zico UHH-1 helmet security devices installed in the chassis cab to secure the firefighters helmets, one (1) per seating location. These devices shall prevent the helmets from being projectiles in the event of an accident. The exact location shall be determined by the fire department.

### **Tire Pressure Monitoring System**

There shall be a tire pressure monitoring system installed on each of the apparatus wheels to monitor the air pressure in each wheel. The sensor shall be a valve stem mounted device, similar to a valve stem cap, manufactured from chrome plated brass material.

The sensor shall be set to the tire pressure of the wheel when installed onto the wheels valve stem for pressure ratings up to 120PSI.

### ***Fire Pump***

#### **Pump Test**

The pump shall be tested to NFPA standards at the manufacturer's pump test location by an independent third party company before delivery of the completed apparatus. A copy of the pump test shall be provided to the department and a stamped plate shall be installed on the operator's panel indicating the pump test ratings, pressures, and RPM's. The pump shall be tested at the following capacities:

1250 GPM @ 150 PSI  
1250 GPM @ 165 PSI  
875 GPM @ 200 PSI  
625 GPM @ 250 PSI

#### **Waterous Model CX Series Fire Pump 1250 GPM**

The pump shall be a Waterous CX 1250 GPM series pump with the "C20" series transmission.

#### **Casing**

Two-piece, horizontally split, high tensile, close grained gray iron or bronze (optional). All passageways are carefully matched to assure the very best hydraulic flow characteristics.

#### **Wear Rings**

Bronze, reverse flow, labyrinth-type replaceable wear rings increase pump life and keep maintenance costs to a minimum.

#### **Impellers**

Bronze impeller, balanced both mechanically and hydraulically for vibration-free operation. Flame plated impeller hubs shall be installed to assure longer life despite the presence of abrasives in the water supply.

### **Impeller Shaft**

Heat treated stainless steel is ground at all critical areas, polished under packing. An exclusive two-piece impeller shaft allows separation of the transmission from the pump without disassembling either component. This simplifies repair procedures, resulting in less down time.

### **Bearings**

Three-deep-groove anti-friction ball bearings, located outside the pumping chamber, give support and proper alignment to the impeller shaft assembly. Bearings are oil or grease lubricated completely separated from the water being pumped, and protected by seal housings, flinger rings and oil seals.

### **Shaft Seal**

The pump will be equipped with ceramic spring-loaded mechanical seals.

### **Flinger Rings**

Located on the impeller shaft between seal housings and bearing housings, flinger rings provide added protection and keep water and foreign matter out of the bearings.

### **Oil Seals**

Standard lip type for lubrication and additional bearing protection from dirt and water.

### **Pump Characteristics**

The Waterous CX pump meets or exceeds all requirements of NFPA standards.

### **Pump Transmission Specifications**

The fire pump transmission shall be the "C20" series transmission built by Waterous.

### **Housings**

Pump transmission housing shall be cast aluminum construction.

### **Shafts**

Drive line shafts made from alloy steel forgings, hardened and ground to size, available in 2 inch SAE 10-spline, 2 inch 38 tooth involute spline or 2.350 inch 46 tooth involute spline, depending on torque rating required.

### **Drive and Driven Sprockets**

Made of steel. All sprockets are carburized and hardened, and have ground bores.

### **Drive Chain**

Morse HV® high strength involute from chain.

### **Bearings**

Deep groove, anti-friction ball bearings, positive oil splash and pressure lubricated throughout.

### **Pressure Lubrication System**

An impeller shaft driven oil pump delivers lubricant to an integral spray header that completely pressure lubricates the drive chain. This unique transmission design eliminates the need for auxiliary cooling.

### **Drive Lines**

The original drive lines furnished with the chassis shall be reworked to fit the pump installation. The tube, if needed to be lengthened, shall be completely replaced. Splicing of the tube is not acceptable. Tube shall be DOM (drawn over mandrel) made for drive shafts.

They shall be electronically MIG welded by a certified welder on a specially designed drive shaft fabrication machine. After welding, the drive shaft shall be checked for straightness and be dynamically balanced by computerized machinery. All drive shafts shall be balanced.

### **Shift Mechanism**

Constant-mesh, two-position sliding collar that engages all teeth simultaneously. The control shall be an in-cab controlled pneumatic shift with identification/instruction plate. A patented internal locking mechanism provides a positive lock in PUMP or ROAD position.

### **Pump Safety Features**

When the apparatus is equipped with an automatic transmission, an interlock board shall be provided to ensure that the pump drive system components are properly engaged in the pumping mode of operation, so that the pumping system can be safely operated from the pump operator's position.

Any control device used in the plumbing system power train between the engine and the pump shall be equipped with a means to prevent unintentional movement of the control device from its set position.

A plate indicating the chassis transmission is provided and where the pump is driven by a transmission thru a pump gearbox (mid-ship) and is used for stationary pumping with the chassis transmission in gear:

A: Two (2) green indicator lights shall be located in the driving compartment. One (1) indicator light shall be energized when the pump drive has been engaged and shall be labeled "PUMP ENGAGED". The second light shall be energized when both the pump drive has been engaged and the chassis transmission is in high gear lock-up and shall be labeled "OK TO PUMP".

B: One (1) green indicator light on the pump operator's panel shall be provided. The green light shall be energized when both the pump drive has been engaged and the chassis transmission is in high gear lock up. The green light on the pump operator's panel shall be positioned adjacent to and preferably above the throttle control and shall be labeled "WARNING: DO NOT OPEN THROTTLE UNLESS LIGHT IS ON".

### **Electric Primer**

A 12-volt, Waterous model VPOS oil-free electric primer with push button control shall be supplied and installed to the Waterous pump. The electric push button control shall be installed on the pump operator's panel for activation of the primer. The rotating parts in the VPOS primer are made of corrosion-resistant, anodized aluminum, stainless steel and composite materials.

### **Suction Relief Valve**

A Class 1 2 ½" stainless steel suction side relief valve shall be provided and piped toward the ground under the apparatus. Rugged, cast construction with stainless steel mechanism and rubber seat to ensure a positive vacuum seal. Fully adjustable from 75 to 250 psi. Complies with NFPA 1901.

### **Foam System**

#### **Waterous ADVANTUS 3™ Foam Proportioning System**

The ADVANTUS 3™ accurately proportions all commercially available Class A foam concentrates utilizing an automatic microprocessor controlled, direct injection, discharge side foam proportioning system. The ADVANTUS 3™ measures water flow and temperature of the pumped water to provide highly accurate and consistent ratios.

#### **Microprocessor Controller**

ADVANTUS 3™ is equipped with a 16-bit, mixed-signal microcontroller with a 60kB flash memory, 2 kB RAM and 12-bit analog to digital converter. This allows the ADVANTUS 3™ to receive input from the flowmeter and temperature sensor, controlling the foam pump motor to provide accurate injection into the foam manifold.

#### **Operator Interface Terminal**

The Operator Interface Terminal (OIT), equipped with digital display, push-button controls and seven segment ultra-bright LED's, is mounted on the pump operator's panel allowing the operator to perform the following functions:

- Provide push-button control of foam proportioning rates from 0.1% to 1%, in 0.1% increments.
- Show current flow-per-minute of water.
- Show total volume of water discharge during and after foam operations are completed.
- Show total amount of foam concentrate used.
- Perform setup and calibrate functions for the microcontroller.
- Flash a "low concentrate" warning when the foam concentrate tank is empty.
- Flash an "error" warning with associated code in the event of an electronic malfunction.
- Provide a manual back-up mode, controlled by the operator.
- Pre-selection of measurements: US Gallons, Imperial Gallons or Liters.

### **Flowmeter**

A paddlewheel-type flowmeter, installed in the process manifold upstream of the foam injection point, connects to the microcontroller. Displayed on the OIT, the flowmeter reads the water rate of flow in real time as well as the total water used during and after foam operations.

A flowmeter tee, constructed of stainless steel or brass with Victaulic groove outer connections and threaded NPT inner connections at each of the tee, is provided for connection to the apparatus plumbing.

### **Foam Pump**

The 12-volt, electric motor driven, positive displacement triplex plunger foam pump is equipped with an aluminum crankcase, ball bearings, forged brass pump body and manifold, solid ceramic plungers, stainless steel check valves and piston guides, Buna packing and preset thermal and pressure relief valves.

The foam pump is rated at 2.5 GPM at 150 PSI with operating pressures up to 450 PSI. The system draws a maximum electrical load of 40amps @ 12 VDC.

A pump motor electronic driver, located inside the controller housing, receives signals from the microcontroller and powers the 1/2hp electric motor in a variable speed duty cycle to ensure that the correct amount of foam concentrate set by the pump operator is injected into the water stream.

### **Control Cable and Connectors**

The cables for interconnection of the control unit, OIT, temperature sensor and flowmeter are electrically shielded to prevent radio frequency or electro-mechanical interference.

### **Low Level Tank Level Switch**

A low tank level float switch, installed in the foam concentrate tank and connected to the control unit, alerts the operator to low foam supply conditions.

### **Waterway Check Valve**

A full-flow brass body waterway check valve at the inlet end of the foam manifold waterway prevents foam contamination of the fire pump and water supply.

### **Foam Inject Check Valve**

A brass and stainless steel check valve provided in the foam concentrate line at the foam injection point prevents water backflow into the foam supply reservoirs.

### **Foam System Support**

The ADVANTUS 3™ is equipped with PC-Connectivity, which allows a qualified technician to perform upgrades, diagnostics and monitor system functions in real-time. The system can also be remotely monitored using any PC with Internet access, allowing technicians to easily connect to the Waterous dedicated website to assure proper operation and to update the foam system software by uploading new features and functions as they come available.

## **System Components**

Components of the complete foam system supplied by Waterous include:

- Operator Interface Terminal (OIT)
- Pump module with electric motor/motor driver and microcontroller unit.
- Foam concentrate strainer.
- Shielded electrical cables for connection of all electronic components.
- Foam inject check valve.
- Wye strainer.
- Flowmeter and Tee.
- Waterway check valve.
- Low level tank switch.
- System diagram and rating placards (per NFPA 1901) for pump panel mounting.
- Installation and operation manual are provided for the unit along with a copy of the warranty policy. The system must be installed and serviced by an authorized Waterous OEM or service center.

*\*Note: The foam system will be plumbed to the three (3) speedlay discharges.*

## **Plumbing**

### **Pump Plumbing**

The apparatus will be plumbed using schedule 10 welded stainless steel pipe and schedule 10 welded stainless steel fittings. High-pressure rubber hose may be used when needed for discharges only. Victaulic couplings shall be used wherever needed to prevent vibration damage to the pump and plumbing. The suction and discharge piping of the pump shall include Victaulic fittings for easy maintenance of the pump and plumbing when needed.

### **Suction Inlet**

There shall be one (1) 6" gated suction inlet terminated with 6" threads and a long handle cap at the driver side pump operator's panel area. The valve shall be a 6" butterfly valve that is incorporated into the inlet plumbing behind the pump panel. The valve is manually controlled at the pump operator's panel with a handwheel control.

There shall be a label installed at the 6" inlet stating: "WARNING-SERIOUS INJURY OR DEATH COULD OCCUR IF INLET IS SUPPLIED BY A PRESSURIZED SOURCE WHEN THE VALVE IS CLOSED."

### **2 ½" Auxiliary Inlet**

There shall be one (1) 2 ½" NST gated suction inlet provided on the apparatus. The inlet shall be located at the driver side of the pump operator's module. The valve shall be an Akron quarter turn ball valve controlled at the pump operator's panel with a chrome-plated control handle. A strainer, chrome plug and chain will also be provided with the inlet.

There shall be one (1) ¾" bleeder/drain supplied for the inlet.

### **1 ½"-1 ¾" Speedlays**

There shall be one (1) double speedlay hose bed provided transverse at the front of the apparatus body directly ahead of the pump. Each speedlay shall be capable of holding 200' of 1 ¾" double jacket fire hose, and will be able to be deployed off each side of the apparatus using a 2" x 1 ½" mechanical chicksan swivel. There shall be stainless steel rollers around the crosslay hose feed out to protect the painted surface from hose that is being deployed.

Each speedlay shall be equipped with a Slidemaster dual direction slide out tray to allow for repacking the firehose.

Each speedlay will be plumbed with 2" stainless steel pipe and a 2" Akron quarter turn ball valve controlled at the pump panel with an Innovative Controls push-pull locking control handle.

Each discharge will have a ¾" bleeder/drain with control piped toward the ground.

There shall also be removable webbing installed at each side of the speedlay hose openings to retain the hose and nozzle into the hose beds.

### **2 ½" Crosslay**

There shall be one (1) crosslay hose bed provided directly above the 1 ½"-1 ¾" speedlays. The crosslay shall be capable of holding 200' of 2 ½" double jacket fire hose, and will be able to be deployed off each side of the apparatus using a 2 ½" x 2 ½" mechanical chicksan swivel. There shall be stainless steel rollers around the crosslay hose feed out to protect the painted surface from hose that is being deployed.

The crosslay will be plumbed with 2 ½" stainless steel pipe and a 2 ½" Akron quarter turn ball valve controlled at the pump panel with an Innovative Controls push-pull locking control handle.

Each discharge will have a ¾" bleeder/drain with control piped toward the ground.

There shall be an aluminum diamond plate cover installed at the top of the hose bed. The cover shall hinge at the front and shall hinge out of the way to aid in repacking the fire hose.

There shall also be removable webbing installed at each side of the crosslay hose openings to retain the hose and nozzle into the hose beds.

### **Discharge Valves**

There shall be two (2) 2½" discharges, Akron quarter turn ball valves controlled at the pump panel with an Innovative Controls push-pull locking control handle. Outlets will be a chrome 30° elbow with 2 ½" male NST threads and chrome 2 ½" cap and chain, one (1) of these discharges will be equipped with a 2 ½" NST female x 1 ½" NST male chrome plated reducer with 1 ½" cap and chain. There shall be two (2) at the left side of the pump module.

Each 2 ½" discharge will have a ¾" bleeder/drain with control piped toward the ground.

### **LDH Discharge**

There shall be a 3" discharge supplied on the apparatus used as an LDH discharge at the right side lower panel below the speed lay discharges. The discharge shall consist of a manually controlled handwheel control.

The discharge shall terminate with a 3" NPT female x 3" NST Male threaded chrome plated bushing. There shall be a 3" NST Female x 5" storz adapter with a 5" storz x 2 1/2" NST Male adapter with 2 1/2" cap and chain provided on the discharge at delivery.

There shall be one (1) 3/4" bleeder/drain supplied for the discharge.

### **Deck Gun Plumbing**

There shall be plumbing for a deck gun, 3", plumbed to a location at the top of the apparatus body at the front of the hose bed area. The deck gun shall be plumbed with 3" stainless steel pipe and an Akron quarter turn ball valve controlled with a chrome-plated push-pull locking control handle at the pump panel. This valve shall be supplied with slow close to comply with NFPA guidelines.

The deck gun pipe shall be secured properly so it will not move under pressure.

There shall be one (1) 3/4" bleeder/drain supplied for the deck gun plumbing.

### **Master Drain**

There shall be one (1) master drain, to drain pump and lines toward the ground.

### **Individual Line Drains/Bleeders**

There shall be an Innovative Controls 3/4" lift up/push down drain provided for each 1 1/2" or larger discharge and 2 1/2" or larger inlet. The purpose of these drains is to aide firefighters in draining the pump or to bleed off water to help remove a hose from the apparatus that had water pressure. The drains shall be located on each side of the apparatus near the bottom of the pump house directly above the side running boards. These drains shall be identified with color-coded name labels to match the discharge or inlet that it is for.

### **Tank Fill (Recirculation)**

There shall be one (1) tank fill line for filling the water tank with the pump with a 2" line. The valve shall be an Akron quarter turn ball valve with an Innovative Controls push-pull control handle at the pump panel.

### **Tank to Pump**

There shall be one (1) tank to pump line 3" in size. The valve shall be a 3" Akron quarter turn ball valve with an Innovative Controls push-pull control handle at the pump control panel. A flexible line shall be used between the tank sump and the valve.

### **Valves**

The valves used in the plumbing of the apparatus shall be Akron 8900 Series valves with stainless steel ball and Polymer seats.

### **Heat Exchanger**

A Sen-dure model #1212-1 auxiliary booster cooler shall be installed on the apparatus made of brass and copper construction. The unit shall permit use of water from the discharge side of the pump for cooling of the coolant circulating through the engine cooling system without intermixing. The auxiliary cooler lines shall be routed away from the engine exhaust and be properly secured to the truck frame.

### **Heat Pan**

There shall be a heat pan fabricated and installed under the pump house of the apparatus. The heat pan shall be made from 1/8" smooth aluminum with slide in and out doors at the bottom for access to the bottom of the pump. The heat pan shall be made incorporating the chassis exhaust system to help keep the pump compartment warm in cold weather conditions.

### **Pump Compartment Heater**

There shall be one (1) 33,000 BTU hot water heater installed on the apparatus, as low as possible, in the pump compartment. The heater shall be plumbed to the chassis coolant system and electrical system. The control for the pump compartment heater shall be located on the pump operator's panel and properly labeled as such.

### ***Pump Control Panel (Enclosed)***

There shall be a pump control panel located at the front of the apparatus body and under the front portion of the water tank. The pump module/panel compartment shall be larger than the standard storage compartments to house the pump and plumbing. The operator shall be capable of controlling the pump from a standing position at this location. There will only be a pump panel left side of the apparatus body with no secondary panel at the right side of the apparatus body.

The side pump panel shall be completely enclosed at the left side with a Gortite rollup door. The door shall be mounted in an aluminum framework that is built into the apparatus body at the front of the body. The door will keep the pump panel clean and free of debris when not in use.

The speedlay/crosslay area of the body shall be standard 72" wide pump panel width to allow for a stepping surface to access the hose/nozzles. This will also allow any discharges to be located at this location also.

### **Pump Panels**

The pump panel shall be black vinyl covered aluminum and shall be easily removable for service work. The left panel shall be where all pump controls and gauges shall be placed and all controls and gauges shall be labeled using color-coded name labels.

### **Panel Lighting**

Lighting shall consist of three (3), Weldon LED pump panel lights for complete illumination of the pump operator panel. They shall be in a single row above the left side panel. The panel lights

shall automatically activate with the opening of the door. The lights shall be housed in a brushed stainless steel full width lamp shield above the gauge panel.

There shall also be standard LED compartment strip lighting installed at each side of the compartment door openings to help illuminate the pump panels.

### **Operators Panel**

The following items shall be furnished on the operator panel at the left side:

- One (1) 4 ½" white master pressure gauge, liquid filled 0-400 PSI
- One (1) 4 ½" white master vacuum gauge, liquid filled 30"-0-400 PSI
- One (1) 2 ½" white pressure gauge one (1) per 1 ½" discharge or larger 0-400 PSI
- One (1) Class 1 Total Pressure Governor (TPG)
- One (1) Class 1 ITL water tank level gauge
- One (1) Class 1 ITL foam tank level gauge
- One (1) pump panel light switch
- One (1) pump primer control
- All discharge controls
- One (1) tank fill control
- One (1) tank to pump control
- One (1) Master Drain control
- One (1) Pump Hourmeter
- One (1) Pump Compartment Heater Control
- One (1) Air Horn button

### **Air Horn Button**

There shall be an air horn control button located on the pump control panel within easy reach of the pump operator. The button shall be labeled "Emergency Air Horn".

### **Pressure Gauges**

All pressure gauges for the water pumping system shall be fully filled with pulse and vibration dampening Interlube to lubricate the internal mechanisms to prevent lens condensation and to ensure proper operation to minus 40 degrees F. The Zytel nylon cases shall be temperature compensated with an internal breathing diaphragm to permit fully filled cases and to allow a rigid lens with a distortion free viewing area.

To prevent internal freezing and to keep contaminants from entering the gauge, the stem and Bourdon tube shall be filled with low temperature oil and be sealed from the water system using an isolating diaphragm located in the stem.

Individual 2 ½" line gauges for each 1 ½" or larger discharges shall be supplied and mounted adjacent to the discharge valve control handle.

### **Class1 Total Pressure Governor (TPG)**

Apparatus shall be equipped with a Class1 "Total Pressure Governor" (TPG) that is connected to the Electronic Control Module (ECM) mounted on the engine. The "TPG" will operate as a pressure sensor (regulating) governor (PSG) utilizing the engine's J1939 data for optimal resolution and response when supported by the engine manufacturer. If J-1939 engine control is not supported, then analog remote throttle control shall be provided by the TPG.

The TPG shall utilize control algorithms that minimize pressure spikes during low or erratic water supply situations. The TPG shall be backwards compatible to any engine that supplies J1939 RPM, Temperature and Oil Pressure information providing the ability to maintain a consistent fleet fire-fighting capability and reduce operator cross training and confusion.

The TPG shall have the ability to use either a 300 PSI or a 600 PSI transducer for best operation. PSG system diagnostics shall be built in and accessible by technicians. Programmable presets for RPM and Pressure settings shall be easily configurable. The straightforward menu structure shall allow the "TPG" configuration to match existing apparatus operation as closely as possible.

The "TPG" shall also include indication of engine RPM, system voltage, engine oil pressure and engine temperature with audible alarm output for all. The "TPG" uses the J1939 data bus for engine information, requiring no additional sensors to be installed. The TPG shall use J1939 broadcast warnings for the alarm as a standard and allow the "user" to select warning values if "SOP's" dictate.

### **Water Tank Level Gauge**

The apparatus shall be equipped with one (1), Class 1 "Intelli-Tank" level gauge for indicating water level. The tank level gauge shall indicate the liquid level on an easy to read LED display and show increments of 1/8 of a tank. There shall be one (1), readout located on the pump operator's panel.

Each tank level gauge system shall include:

- 1) A pressure transducer that is mounted on the outside of the tank in an easily accessible area. Sealed foam tanks will require zero pressure vacuum vents.
- 2) A super bright LED 4-light display with a visual indication at nine accurate levels.
- 3) A set of weather resistant connectors to connect to the digital display, to the pressure transducer and to the apparatus power.

Additional displays are to be easily integrated and will receive data from the same source as the Master display. No additional transducers shall be required. (Optional)

### **Class 1 ITL-40 Water Level Readout**

There shall be one (1), Class 1 model ITL-40M LED Multi-Color readout installed on the apparatus. There shall be one (1) installed at the upper rear panel of the apparatus body. The remote water tank readout shall coincide with the master water level gauge at the pump panel for

water level readouts. The strip shall have the following colored indicators; Green (full), Blue (3/4), Yellow (1/2) and Red (1/4).

### **Foam Tank Level Gauge**

The apparatus shall be equipped with one (1) Class 1 "Intelli-Tank" level gauge for indicating foam level. The tank level gauge shall indicate the liquid level on an easy to read LED display and show increments of 1/8 of a tank. The readout shall be located on the pump operator's panel of the apparatus.

Each tank level gauge system shall include:

- 1) A pressure transducer that is mounted on the outside of the tank in an easily accessible area. Sealed foam tanks will require zero pressure vacuum vents.
- 2) A super bright LED 4-light display with a visual indication at nine accurate levels.
- 3) A set of weather resistant connectors to connect to the digital display, to the pressure transducer and to the apparatus power.

Additional displays are to be easily integrated and will receive data from the same source as the Master display. No additional transducers shall be required. (Optional)

### **Discharge Controls**

The apparatus shall be equipped with Innovative Controls locking push-pull controls. The handles shall be chrome-plated zinc with a recessed area for identification label. The control shall be a 1/4 turn locking in any position handle and the 3/4" connecting rod shall be a hard coated anodized aluminum with ball swivels and 1/2" stainless steel extensions, where applicable, also equipped with ball swivels for ease in operation.

### **Booster Tank**

*(The booster tank shall have a No Fault All Out Lifetime warranty through the tank manufacturer.)*

### **Tank Capacity**

The water booster tank shall have a capacity of **2000 US gallons of water and 20-gallons of foam concentrate** complete with lifetime warranty. The tank manufacturer shall mark the tank and furnish notice that indicates proof of warranty. The purpose of the markings and notice is to inform department personnel who store, stock, or use the tank that the unit is under warranty. Markings may be brief but should include a short statement that a warranty exists, the substance of the warranty, its duration, and who to notify if the tank is found to be defective.

The water tank shall be constructed from all polypropylene type material and shall be completely NFPA compliant upon completion. There shall be a fill tower in the left front corner of the tank, unless otherwise specified, with minimum dimensions of 12" x 12". There shall be a 6" minimum overflow/vent pipe installed into the fill tower directed to a location behind the rear wheels for air to vent and excess water to discharge from the tank without flowing into the hose bed or onto the

body compartments. There shall be a sump located in the tank of the apparatus for "hooking" up the tank to pump line where all the water in the tank can be utilized. There shall be a 3" NPT plug in the bottom of the sump that can be removed for a cleanout, to remove any debris that may enter the tank. The tank shall be supplied with one (1) tank fill line with a flow deflector installed for filling the tank. The tank can be filled at a maximum rate of 1000 GPM.

The tank shall be mounted into the apparatus body per tank manufacturer's recommendations and NFPA recommendations.

## ***Dump Valves***

### **Newton Dump Valves**

There shall be one (1) Newton, model 1050-34, 10" stainless steel square manually actuated dump valve at the rear center of the apparatus. The valve shall open with a level handle located at the top of the dump valve. The dump valve shall be left natural in color.

### **Dump Chutes**

There shall be provided one (1) Newton, Model 6012SW-34 stainless steel swivel chute with telescoping extension chute on the end of the dump valve. The swivel chute shall be manually swiveled to the desired location for dumping and the telescoping chute shall be easily extended and closed with a handle located at the top of the chute. The chute and swivel shall be left natural in color.

### **Direct Tank Fills**

There shall be two (2) 2 1/2" direct tank fills located at the rear panel of the apparatus plumbed directly to the water tank, one (1) each side of the dump valve, below the dump valve above the tailboard. The valves shall be Firemen's Friend stainless steel check valve style valves inserted into the tank. The inlets shall be plumbed with stainless steel pipe and will terminate with 2 1/2" NST female threads and supplied with a 2 1/2" chrome-plated plug with chain. The valves shall be properly supported at the rear panel to minimize damage to the water tank.

The fills shall be supplied with a 3/4" quarter turn drain valve to relieve inlet pressure at the valve for disconnecting the hose. The drains will be supplied with plastic tubing to direct draining water under the apparatus body.

## ***Apparatus Body***

### **Extruded Aluminum Body**

#### **Extruded Aluminum Body Construction and Sub Frame**

The apparatus body shall be of aluminum construction, using the electrically welded and bolted design and assembled with 1" radius corner extrusions, formed panels and structural tubing extrusions.

The apparatus body corners, both vertical and horizontal, shall be constructed with 1" radius corner extrusion framework around the entire perimeter of the apparatus, which incorporates 3/16" aluminum sheeting. The body framework shall also be welded directly to the body sub frame with 2" x 3" x 1/4" wall tubing that run the full width of the apparatus body in a minimum of four (4) locations, more with tandem axle bodies. Bracing and gussets shall be used at the manufacturer's discretion to enhance the durability and life of the apparatus body without affecting the overall appearance of the finished product.

The hose body side panels are to be 3/16" smooth aluminum. The top of the side panels shall have a 1" radius extrusion to increase the support and enhance the appearance of the sidewalls. There shall also be an interior panel at the hose bed side of the panel that shall leave the hose bed with a smooth finish. This method of construction will leave the hose bed side walls with a double wall type construction. If the interior panel would be damaged this would not transfer to the exterior side wall and be visible from the outside of the body. This also allows any side scene lights to be recess mounted into the side walls.

The rear of the apparatus shall be the flat back style to open up the work area both physically and visually.

#### **Anti-Corrosion Protection**

No dissimilar metals shall contact each other. All stainless steel screws shall have a nylon washer under their heads and "ECK" (Electrolysis Corrosion Kontrol) coated threads a non-hardening isolating material. All fasteners shall be stainless steel. No pop rivets shall be used in the construction of the apparatus. "ECK" shall also be used behind all lights and mounting brackets to aid in corrosion protection.

#### **Sub Frame**

There shall be a sub frame made up of all aluminum extrusions electrically welded together for superior strength. The sub frame shall be electrically welded to 1/2" x 3" aluminum flat bar that run the full length of the apparatus body, which is then U-bolted to the chassis frame.

Between the sub frame and the frame rails there shall be 1/2" x 3" layer of fiber reinforced rubber of 60D hardness to separate the two dissimilar metals. The rubber is to prevent any electrolysis between the two dissimilar metals and to provide a cushion for the body onto the chassis frame. The sub frame shall be made up of 2" x 3" x 1/4" wall extruded aluminum tubing. Cross members for the water tank shall be on 12" centers and a 2" x 3" x 1/4" thick aluminum angle shall be used for the tank carriage.

#### **Body Compartments**

All the body compartments shall be constructed of 1/8" smooth aluminum and shall be provided with a sweep out floor design. There shall be hat sections installed under the apparatus body compartments to help support the floors when loaded with heavy equipment.

All compartments shall have louvers punched in the back walls for adequate ventilation. Louver openings shall be open toward the top and to the inside of the compartment to help prevent

foreign objects and road splash from entering the compartments. Each compartment shall have lighting installed to illuminate the compartment during low light and dark conditions.

### **Compartment Layout**

(Compartment sizes are approximate sizes and may change with the chassis style, body style, and Cab to axle distance.)

#### ***Driver's Side***

**L1**-The first compartment forward of the rear wheels shall be equipped with a Gortite aluminum roll up door.

Approximate size is: 56" high x 41" wide x 12" deep. This compartment shall house the pump control panel.

**L2**-The second compartment at the driver's side of the body directly ahead of the rear wheels shall be equipped with dual vertically hinged flush mount swinging doors.

Approximate size is: 38" high x 54" wide x 26" deep. This compartment shall be equipped with one (1) adjustable height shelf.

**L3**-The compartment behind the rear wheels of the body shall be equipped with a single vertically hinged flush mount swinging door.

Approximate size is: 38" high x 21" wide x 26" deep.

#### ***Passenger Side***

**R1**-The first compartment forward of the rear wheels shall be equipped with dual vertically hinged flush mount swinging doors.

Approximate size is: 38" high x 41" wide x 26" deep. This compartment shall be equipped with one (1) adjustable height shelf.

**R2**-The second compartment at the driver's side of the body directly ahead of the rear wheels shall be equipped with dual vertically hinged flush mount swinging doors.

Approximate size is: 38" high x 54" wide x 26" deep. This compartment shall be equipped with one (1) floor mounted slide out tray.

**R3**-The compartment behind the rear wheels of the body shall be equipped with a single vertically hinged flush mount swinging door.

Approximate size is: 38" high x 21" wide x 26" deep.

#### **Gortite Roll Up Compartment Door**

The roll up door shall be supplied with a satin anodized natural aluminum finish. The door shall be double faced, aluminum construction and manufactured by A & A Manufacturing (Gortite). Lath sections shall be an interlocking rib design and shall be individually replaceable without complete disassembly of the door. Between each slat at the pivoting joint shall be a PVC inner seal to

prevent metal to metal contact and prevent dirt or moisture from entering the compartments. Seals shall allow door to operate in extreme temperatures ranging from plus 180 to minus 40 degrees Fahrenheit. Side, top and bottom seals shall be provided to resist dirt and weather from entering the compartment. The seals shall be made of Santoprene. All hinges, barrel clips and end pieces shall be nylon 66. All nylon components shall withstand temperatures from plus 300 to minus 40 degrees Fahrenheit. A polished stainless steel lift bar shall be provided for opening the door. The lift bar shall be located at the bottom of the door and shall have latches on the outer extrusion of the doors frame. A ledge shall be supplied over the lift bar for an additional area to aid in closing the door. The doors shall be constructed from an aluminum box section. The exterior surface of each slat shall be flat and the interior surfaces shall be concave to provide strength and to prevent equipment from jamming against the door at the inside. The spring roller assembly shall not exceed 3" in diameter to conserve space in the compartment. The header panel for the roll up door shall not exceed 4" in height. There shall also be heavy-duty magnetic switches installed for activating the compartment lights and the "open compartment indicator light" in the cab.

### **Compartment Doors**

The compartment doors shall be constructed entirely from aluminum using a flush type configuration 1 5/8" door with 1/8" diamond plate inner panel fastened to the door with stainless steel fasteners. Two (2) 1/4" holes shall be installed in the lower corners of the inside door pans for drainage. There shall be a "hat stake" section inside each door to enhance the overall strength and durability of the doors. Doors shall be fully weather stripped with hollow core tubular automotive "D" type material. The compartment doors shall have a double catching two-point safety slam heavy duty stainless steel latches 6" circle type with rubber gaskets for electrolysis protection, recessed inside the 1 5/8" thick double pan door. Latches shall meet strength requirements for passenger doors as specified in the Federal Motor Vehicle Standard they shall be Eberhard model U-106 slam latches. The "D" rings shall have a slight break outward to facilitate easy access while using gloves. The doors shall be securely attached to the apparatus body with full-length 16 gauge stainless steel piano type hinges with stainless steel pins and fasteners. ***(Pop Rivets shall NOT be used for attaching compartment doors to the apparatus body.)*** All horizontally hinged doors shall have a pneumatic cylinder door check device. The pneumatic door holder permits the slide to pass over center and holds the door at 90 degrees to the body. The door is self-closing when pushed past the mid point of its swing. All vertically hinged doors will be provided with a Cleveland style positive door check.

### **Compartment Matting**

There shall be modular plastic floor matting installed at the bottom of each compartment, tray, and shelf in the apparatus body. The matting shall allow air to move freely around equipment in the compartments to help prevent mold and mildew from forming on or around equipment.

### **Adjustable Shelf Tracking**

There shall be one (1) pair of adjustable tracking installed in each compartment on the apparatus. The tracking will allow for the provisions of adjustable shelves immediately or in the future.

### **Adjustable Shelves**

There shall be two (2) adjustable shelves supplied with the apparatus mounted on adjustable tracking. The shelves shall be located one (1) each L2 and R1 compartment. The shelves shall be made from smooth aluminum with a 2" lip on the front and the back in opposite directions for added strength, and to prevent equipment from sliding off and jamming against the door. The shelves shall have a "DA" style finish.

### **Slide Out Tray**

There shall be one (1) slide out tray installed on the apparatus with a 300 lb. capacity in the extended position. The slides shall be Accuride slides with an aluminum tray with 2" sides with a pressurized gas strut at the bottom of the tray to hold the tray in the "In" or "Out" positions. There shall be one (1) tray installed at the floor compartment, R2, and shall be as large as practical.

### **Body to Frame Attachment**

The entire body is to be electrically welded to the sub frame and be fastened down to the chassis frame with a minimum of 5/8" "U" bolts.

### **Wheel Liners/Fenderettes**

There shall be rounded wheel liners installed in the body to protect the tank from being hit with road debris. There shall also be installed a polished aluminum 1/2" radius fenderette which is bolted to the body if it needs to be removed or replaced. There shall also be a black fender welting installed between the fenderette and the body for corrosion resistance and enhance the appearance.

### **SCBA Bottle Storage**

There shall be a storage location for four (4) SCBA bottle cylinders in the passenger side wheel wells in compartments located ahead of and behind the rear wheels of the apparatus. Each compartment shall be capable of hold two (2) cylinders in each. The compartments shall have hinged smooth aluminum doors, painted to match the body, and the bottles shall be stored in individual aluminum tubes, which is completely welded into place and supported at the rear. The bottom of the tubes shall be lined with 1/8" thick rubber for protection of the bottle and there shall be a 1/4" hole located at the rear bottom of the tube for drainage.

### **Wheel Chock Storage**

There shall be a storage location for two (2) wheel chocks in the driver's side wheel wells in compartments located ahead of and behind the rear wheels of the apparatus. Each compartment shall be capable of holding one (1) wheel chock in each. The compartments shall have hinged smooth aluminum doors, painted to match the body. The compartment interiors shall be completely welded into place and supported at the rear. The bottom of the compartments shall be lined with 1/8" thick rubber for protection of the chocks and compartment. There shall also be a 1/4" hole located at the rear bottom of the tube for drainage.

### **Hose Bed**

The hose bed at the top of the tank shall be 94" wide to have storage for 900' of 5" LDH, 400' of 2 1/2" double jacket hose and 200' of 1 3/4" double jacket hose. The hose bed floor shall be constructed of aluminum extrusion and be spaced 1/4" apart and supported underneath for ample

airflow between the top of the tank and the hose bed. The hose bed floor shall be easily removable. The inside of the hose bed shall be smooth and free of any projections, (sharp angles, nuts, or brackets), which may injure the folding tank or hose.

#### **Hose Bed Dividers**

There shall be two (2) hose bed dividers installed on adjustable tracking. The dividers shall be made of 3/16" smooth aluminum and shall have a radius corner at the rear.

#### **Hose Bed Cover**

There shall be a two-section, one (1) each side, 1/8" "embossed" aluminum diamond plate, hinged hose bed cover supplied and installed on the apparatus body. The center of the hose bed cover shall be slightly higher than the sides for water runoff and shall be properly supported underneath to accommodate two (2) firefighters standing on the cover without damaging the cover. The covers shall open to each side of the apparatus body with the assistance of pneumatic lift assist cylinders and grab rails at each end of the covers. The covers when open shall be supported in the upward position as close to 90-degrees as possible. The hose bed cover shall allow personnel to walk on the cover without excessive sag or dimpling. The center of the two covers shall be supported underneath with a permanently installed hose bed divider, which shall incorporate an aluminum channel to direct water to each end of the cover and not allow water to run into the hose bed.

There shall be lights installed at each end of the covers to illuminate the hose bed. The lights shall be wired to a switch to automatically activate upon opening the cover. This switch shall also activate the open compartment door indicator light in the cab of the apparatus.

There shall be red vinyl flaps installed at the rear of the hose bed cover to cover the remaining portion of the hose bed at the rear. The bottoms of these flaps shall be weighted and provided with quick release restraint straps to hold the covers in place and prevent accident hose deployment.

#### **Ladder Storage**

There shall be one (1) compartment located under the tank "T" section between the tank and the aluminum body at the right side of the apparatus. There shall be a smooth aluminum door at the rear of this compartment with a chrome plated latch. This compartment shall also have a storage location for a folding roof ladder. The ladders to be carried are one (1) Duo Safety model 900-A 24' 2-section extension ladder, one (1) Duo Safety model 775-A 14' roof ladder and one (1) Duo Safety model 585-A 10' folding ladder. These ladders will be supplied with the apparatus at delivery.

#### **Folding Tank Storage**

There shall be a folding tank compartment located at the left side of the apparatus body with a rear door. The folding tank compartment shall be a sleeve in the side of the body between the body sidewall and the water tank. The bottom of the compartment shall be supplied with plastic for

the tank to slide on without damaging the folding water tank. There shall be a stainless steel roller at the rear to aide in loading and unloading the tank from the compartment. There shall be a smooth aluminum flat door installed at the rear of the compartment enclosing the folding tank into the compartment. The door shall be supplied with a chrome plated latch for holding the door closed. The compartment shall be sized to fit a 2100-gallon folding tank. There shall also be provisions for two (2) lengths of 6" x 10' PVC style hard suction hoses at the inside portion of this compartment. There shall troughs fabricated and permanently installed in this compartment for the hoses to be slid onto.

This compartment shall also have storage locations for two (2) pike poles.

### **Folding Tank**

There shall be one (1) Husky 2100-gallon folding water tank supplied with the apparatus at delivery. The liner shall be 22oz vinyl with 28oz floor with an aluminum frame. The tank will have handles built into the bottom of the tank liner and shall have one (1) dump spout/drain. The tank shall be Yellow in color.

### **Hand Rails**

There shall be three (3) hand rails installed, one (1) each side vertically mounted at the rear of the apparatus, and one (1) horizontally mounted at and just below the hose bed full width of the hose bed. The hand rails shall be rigidly mounted in chrome plated stanchions and be anodized aluminum extrusion, which is grooved and aggressively knurled to reduce hand slippage.

### **Folding Steps**

There shall be six (6) Cast Products model SP4401-1CH-BL-A folding cast aluminum steps with open grip strut at the stepping surface supplied and installed three (3) each side at the rear panel of the apparatus body. The front portion of the step shall have a handhold built into the step and there shall be a LED lights installed at the top and bottom of the step. The steps shall be a minimum of 35 square inches and N.F.P.A. compliant.

### **Intermediate Rear Step**

There shall be an intermediate step installed above the rear dump valve, fabricated from "embossed" aluminum diamond plate and open grip strut. The intermediate step shall provide a firm stepping surface to access the hose bed. The step shall be approximately 10" deep x full width between the rear ladder and the right side of the body. The ends of the step shall be slightly tapered to allow for greater clearance of the rear slide in equipment storage compartments.

### **Rub Rails**

There shall be rub rails installed around the perimeter of the body below the bottom compartments. The rub rail shall be an extruded aluminum channel 3" high with 1" flanges. The flat side of the channel shall be to the body side. The rub rail will then be installed using Teflon spacers to keep the rub rail away from the body and be bolted for easy removal and allow drainage between the body and the rub rail.

Alternating Red/White DOT reflective tape shall be inserted into the rubrail for reflectivity.

### **Aluminum Diamond Plate Overlays and Trim**

At the front of the body there shall be aluminum diamond plate installed full height to be a stone shield and to protect the body from road debris.

The entire rear panel of the apparatus between the side compartments shall be smooth aluminum material. This will allow the installation of reflective chevron striping at the entire rear panel. There shall be stainless steel scuff plate installed from the hose bed floor to the top of the side body panels approximately 12" deep from the rear of the hose bed to protect the body and paint finish from scratching and marring.

### **Rear Step**

The rear step shall be formed from N.F.P.A. compliant 3/16" thick "embossed" aluminum diamond plate. The step shall be full width of the body and be approximately 22" deep. The step shall be supported underneath by 3" steel channels that extend off the chassis frame and have a spacer between the two dissimilar metals to reduce corrosion.

## ***Electrical System***

### **12-Volt Electrical System Test**

The low voltage electrical system shall be tested and certified per NFPA 1901 requirements.

A certificate of compliance shall be provided with the completed vehicle upon delivery.

Minimum electrical load consists of the total amperage required to simultaneously operate the following in a stationary mode at the incident scene.

- The propulsion engine and transmission.
- All clearance and marker lights.
- The communication radio. (Default of 5.0 amps used testing).
- Illumination of all walking surfaces, the ground at all egress points, controls and instrument panels and 50% of the total compartment lighting load.
- Minimum warning lights required for "Blocking Right of Way" mode.
- The current to simultaneously operate any fire pump, aerial device and hydraulic pumps.
- Anything defined by the purchaser to be critical to the mission of the apparatus.

The first test for the electrical system is the **Reserve Capacity Test**. All the above listed components operate with the engine shut off. After 10 minutes all electrical loads are shut off and the battery system must have adequate reserve power to start the engine.

The second test is the **Alternator Performance Test at Idle**. All the above listed components operate with the engine at an idle. There can be no current draw from the batteries of the apparatus.

The third test is the **Alternator Performance Test at Full Load**. All electrical components shall be activated with the engine operating at governed RPM for two hours. During the test the system voltage can not drop below 11.7-volts or have excessive battery discharge for more than 120 seconds. Any loads not listed in the minimum electrical load may be load managed in order to pass the test.

### **Wiring**

All electrical equipment shall be installed to conform to modern automotive practices. All wiring is to be SXL ultra high temperature cross-link type. Wiring installed by the builder to be run in loom or conduit, where exposed to the outside, it should have grommets where the wire passes through a metal plate and shall be protected by automatic reset circuit breakers which conform to SAE standards. The breakers shall be selected to prevent wire damage when subjected to extreme overload. Wiring to be color, function, and number coded every 3", the entire length of run.

All electrical components to have a 125% maximum rating for current carried.

### **ES-Key Management System**

The apparatus shall be equipped with a Class 1 ES-Key Management System for controlling electrical system devices. This management system shall be capable of performing loan management functions, system monitoring and reporting, and be fully programmable for a standardized electrical system.

The ES-Key system shall utilize a Controller Area Network to provide multiplexed control signals for "real time" operation.

### **Vehicle Data Recorder (VDR - Black Box)**

There shall be a Vehicle Data Recorder (VDR-Black Box) installed on the apparatus. The VDR will capture data once per second in 48 hour loop. The VDR shall monitor and record the following information; Acceleration/Deceleration, Engine Speed, Engine Throttle Position, ABS Event, Seat Occupied & Seat Belt Status, Master Warning Device Switch On/Off, Date/Time. There will a minute by minute summary for 100 engine hours.

### **Seat Belt Warning System**

There shall be a seat belt warning and indicator system installed in the cab of the apparatus warning the driver with an audible alarm that a certain seat is being occupied and the seat belt is not fastened. There shall be an icon display at the center console of the apparatus to indicate the seating position.

### **EMI/RFI Protection**

The apparatus design and construction shall incorporate the latest designs in incorporating Electromagnetic Interference Suppression, which is required to satisfy the radiation limits specified in SAE (Standard for Automotive Excellence) J551. "Performance Levels and Methods of Measurement of Electromagnetic Radiation from vehicles and devices (30-1000 MHz), and of which has been adopted by NFPA 1901. System design and components used shall insure that radiated and conducted electromagnetic interference (EMI) and radio frequency interference (RFI) emissions are suppressed at the source.

The apparatus proposed shall have the ability to operate in the electromagnetic environment typically found in fire ground operations.

EMI/RFI susceptibility shall be controlled by applying immune circuit designs, shielding, twisted pair wiring and filtering. The electrical system shall be designed for full compatibility with low-level control signals and high-powered two (2) way radio communication systems. Harness and cable routing shall be given careful attention to minimize the potential for conducting and radiated EMI/RFI susceptibility.

### **Master Switch Panel**

All electrical light switches shall be mounted on the cab console by means of a custom switch panel. It shall be accessible to the driver and the officer. A Main Master Switch and individual switches to be provided to allow pre-selection of emergency and scene lights.

The light switches are to be "rocker" type with an internal indicator light to show when the switch is energized. All switches to be properly identified and mounted in a removable panel for ease in servicing. A backlit panel shall be used to identify the switches when it's dark.

Each rocker switch shall energize a 40-amp continuous duty relay. Each relay shall be labeled as to its function.

### **Wiring Diagrams**

Two (2) wiring diagrams for 12 VDC and/or 120/240 VAC, the body electrical system shall be included with the apparatus as built.

### **Master Battery Switch**

There shall be a Cole-Hersee master battery, on-off, switch located at the driver's door near the seat. This switch shall be wired to the chassis battery system to allow the system to be turn off when the vehicle is not in use. There shall be a green indicator light located next to the switch and shall automatically turn on when the battery system is activated.

### **Compartment Lights**

There shall be two (2) LED compartment strip light in each compartment, one (1) each side of the door opening, wired to a door switch. Upon opening the compartment door the light automatically comes on.

### **Open Compartment Door Indicator Light**

There shall also be a Red LED "open door" indicator light mounted in the cab where the driver can see it. This is to alert the driver that there is a door open or ajar on the apparatus. This light is also wired to the door switch.

### **Ground Lights**

There shall be a total of eight (8) LED ground lights installed under the apparatus. There shall be one (1) sealed light located under each of the cab doors, two (2) sealed lights located under the

front compartments and two (2) sealed lights located under the rear step. These ground lights will be activated upon setting the parking brake.

### **Step Lights**

There shall be four (4) LED step lights installed on the apparatus, there shall be one (1) 4" round sealed light each side at the body bulkheads to illuminate the cab steps and two (2) chrome-plated shielded lights at the rear step area. These lights shall be activated upon setting the parking brake.

### **Engine/Pump Compartment Lights**

There shall be two (2) single bulb lights with manual switches mounted in both the engine and pump compartments to help in service.

### **Stop, Tail, Directional Lights**

There shall be installed two (2) sets of Whelen 600 Series LED stop/tail/directional, and back up lights at the rear outer most location. The red taillights shall be model 60BTT, the amber turn signals shall be model 60A00TAR and the backup lights shall be model 60C00WCR. The lights shall be wired to the chassis electrical system for operation. These lights shall be mounted in a Whelen chrome-plated 6EFLANGE kit.

### **Mid-ship Marker Lights**

There shall be a pair of LED amber mid-ship marker and turn indicator lights installed on the apparatus. The lights shall be wired to the chassis marker lights for operation.

### **Back Up Alarm**

There shall be installed one (1) back up alarm wired to reverse gear on the transmission.

### **Clearance Lights/Reflectors**

There shall be LED clearance lights installed at the rear of the apparatus built into the rear step. There shall be a cluster of three (3) in the center, one (1) at the outer most beveled corner of the rear step at a 45° angle. These five (5) lights shall be Red in color. There also shall be LED clearance lights installed, one (1) each side at the upper rear corners, also Red in color.

There shall also be DOT reflectors at the outer most corners one (1) each side toward the rear and one (1) each side toward the side.

### **Scene Lights**

There shall be six (6) Whelen 900 Series model, 9SC0ENZR, LED 12-volt scene lights installed on the apparatus. There shall be two (2) each side (one (1) in each upper front and rear corner) and two (2) at the upper rear panel of the body, one (1) each side. The rear lights shall be wired to reverse gear of the transmission so the light automatically comes on when the truck is shifted to reverse gear. The lights shall also be wired to the in cab switch panel and be activated with an individual switch for the lights.

### **OPTION PRICE-Whelen Pioneer Lightbar Mounted Brow Flood Lighthouse**

There shall be a Whelen Pioneer Plus™ Model # PFP1LB1 brow light provided and installed onto the center of the cab mounted light bar. The 75 watt +12v DC Pioneer lighthouse shall incorporate Super-LED® single flood light installed in a die-cast white powder coated aluminum housing. The PFP1 configuration shall consist of 30 white Super-LEDs, a clear optic collimator/metalized reflector assembly and a clear non-optic polycarbonate lens. The Pioneer flood light shall have 8,100 usable lumens.

The lens/reflector assembly shall utilize a liquid injected molded silicone gasket to be resistant to water, moisture, dust, and other environmental conditions. The hard coated lens shall provide extended life/luster protection against UV and chemical stresses. The PFP1 shall be shall be vibration resistant. The Pioneer™ PC boards shall be conformal coated for additional protection. Two breathable membrane patches shall be installed to the bottom of the housing to maintain a consistent internal pressure. The PFP1 shall have extended LED operation with low current consumption and low operating temperature.

The PFP1 shall be furnished with a 20' 2/C 16GA input cable. The Pioneer light shall be SAE 1113-42 compliant and Class 5 testing for EMI. The PFP1 is covered by a five year factory warranty. Mounting options are purchased separately.

Voltage: +12v DC

Size: H=4.125", W=8.125", D=2.50"

Amp Draw: Spot Light = 6.50 Amps

Lens Color: Clear

### **Back Up Camera**

There shall be a Hanscom K, model 7211, flat screen back up camera system installed with audio capabilities. The 7" colored monitor is approximately 1" thick which makes it easy for mounting in various locations. The monitor shall be mounted in the cab per the fire department specified location. The video camera shall be mounted on the rear wall of the apparatus body in a location that will provide the best angle of the ground and the area behind the truck. The camera shall be provided with a shield to protect the camera from damage.

### **Warning Systems**

(All warning systems will be provided as per NFPA 1901 requirements.)

The optical warning system on the fire apparatus shall be capable of two (2) separate signaling modes during emergency operations. The first mode shall signal to drivers and pedestrians that the apparatus is responding to an emergency and is CALLING for the "Right-of-way". The second mode shall signal that the apparatus is stopped and is BLOCKING the "Right-of-way".

The switching between modes shall be provided by a sensor that senses the position of a parking brake or the park position of an automatic transmission. When the master optical warning system switch is closed, and the parking brake is released or the automatic transmission is not in park, the warning devices signaling the call for "Right-of-way" shall be energized. When the master optical warning system is closed, and the parking brake is on or the automatic transmission is in park, the warning devices signaling the blockage of the Right-of-way shall be energized. The system shall be permitted to have a method of modifying the two signaling modes.

**Light Bar-Whelen Edge Ultra Freedom IV Model F4N2VLED (Red, White center)**

There shall be one (1) Whelen Freedom IV 55" LED light bar mounted on the roof of the cab and wired to the in cab switch panel. The light bar shall have two (2) red forward facing LED modules, two (2) clear forward facing LED modules, two (2) red front corner LED modules, and two (2) red rear corner LED modules. This light bar fulfills the requirements for Upper Zone A. The light bar lenses shall be clear in color.

Any clear warning light(s) in the light bar will be deactivated automatically for the "Blocking the Right of Way" mode.

#### **Grille and Intersection Lights-Whelen Super LED Flashers (Red)**

There shall be two (2) grille lights installed at the front of the cab, one (1) each side, and two (2) intersection lights installed, one (1) each side of the chassis hood. The grille lights shall be Whelen, model 60R02FRR Super LED flashers and the intersection lights shall be Whelen model 50R02ZRR Super LED flashers wired to the in cab switch panel. These lights shall fulfill the requirements of Lower Zone A.

#### **Upper Rear Flashers-Whelen 900 Series Super LED Flashers (Red)**

There shall be four (4) Whelen, model 90RR5FRR, Super LED flashers mounted one (1) each side of the body at the upper side corners and one (1) each side of the upper rear body panel. The lights shall be wired to the in cab switch panel. The lights shall fulfill the requirements of Upper Levels B, C and D.

#### **Lower Side Lighting-Whelen Super LED Flashers (Red)**

There shall be two (2) Whelen, model 60R02FRR Super LED flashers mounted one (1) each side at the rear wheel well area. The lights shall be wired to the in cab switch panel. These lights shall fulfill the requirements of Upper and Lower Zones B and D.

#### **Lower Rear Lighting-Whelen 600 Series Super LED Flashers (Red)**

There shall be two (2) Whelen, model 60R02FRR Super LED flashers mounted one (1) each side at the rear of the apparatus above the rear taillights. The lights shall be wired to the in cab switch panel for operation. These lights shall fulfill the requirements of Upper and Lower Zone C.

#### **Traffic Advisor**

There shall be one (1) Whelen, Model TAL-85, LED directional lights mounted on the apparatus. The light shall be located at the upper rear panel of the apparatus body under the intermediate rear step. There shall be an individual control head located in the cab of the apparatus for activating each directional light. All lenses shall be Amber in color.

#### **Siren & Speaker**

There shall be installed one (1) Whelen model 295HFSA1 siren amplifier mounted in cab where both driver and officer can reach it shall be wired to the cab electrical system. There shall also be installed one (1) Whelen, model SA315P, 100 watt weatherproof speaker at the front bumper/grille area and wired to the siren amplifier and to the cab electrical system.

There shall also be a Federal Rumbler traffic clearing device installed for use with the siren.

## ***Paint/Misc.***

### **Paint Code:**

#### **Paint Process**

The entire apparatus body shall be painted one (1) solid color per fire department specifications using Sikkens Autocoat LV650 top coat/clear coat paint. The painting process shall be done by, AkzoNobel/Sikkens trained personnel in the automotive painting industry. The following procedure shall be followed during the painting process:

- 1) All items such as brackets, compartment doors, door hinges, and diamond tread aluminum plate, etc. should be removed from the apparatus or body.
- 2) Entire unit should be solvent washed using a two (2)-rag method using Sikkens Antistatic degreaser.
- 3) The welded areas on the entire unit should be ground down with a 36-grit disc for steel, and 80 grit discs for aluminum. Compartment seams and others not receiving the grinding process should be wire wheeled. All surface area then should be DA sanded using 120 grit then 180 grit on steel or Galvneal. On aluminum use 150-180 grit.  
Filling should be done where necessary with professional grade lightweight polyester resin filler. Presanding the polyester filler is recommended.  
Final sanding should be done no courser than 180 grit.
- 4) Entire unit should be solvent washed using a two (2)-rag method using Sikkens Antistatic degreaser
- 5) The unit is wiped with Sikkens Auto Prep Wipes using a cross hatch method with one application. After a flash of 15-20 Minutes@70 degrees 3 coats of Sikkens Autocoat LV 650 Surfacer shall be applied. Mixed 5 Parts Autocoat LV 650 Surfacer filler then 1 part Autocoat LV 650 Surfacer Hardener then 1 part of Autocoat LV 650 Reducer slow. Dry film thickness will be around 4.0-5.0 mils
- 6) Sanding of Autocoat LV 650 Surfacer should be accomplished using 320 grit until all scratches are removed. Pinholes should be filled with Sikkens Kombi Putty.
- 7) Upon completion of the sanding procedure, all welded seams should be caulked with a compatible urethane caulk that is non-hardening and remains flexible during any atmospheric condition.
- 8) After the unit is hand washed with Sikkens Antistatic using the two-rag method, and tack wipe remaining lint to remove any surface partials.
- 9) Any bare aluminum, stainless steel, or steel needs to be pretreated with Sikkens Autoprep Wipes. After a flash of 15-20 minutes the unit is then sealed with Autocoat LV 650 Sealer using a slow reducer appropriate for the temperature and job size.
- 10) Basecoat until hiding is achieved with Autocoat LV 650 Basecoat color mixed 3.5 parts of Autocoat LV650 Basecoat to 1 Part Autocoat LV650 Hardener to 1 Part Autocoat LV650 Reducer.
- 11) After 45 minutes Clearcoat with Autocoat LV650 Clearcoat Mixed 5 Parts of Autocoat LV650 Clearcoat to 2 Parts of Autocoat LV 650 Surfacer Hardener to 2 Parts of Autocoat LV650 Reducer
- 12) Unit should be allowed to dry 48 hours prior to applying decals.

### **Compartments**

The inside of the apparatus compartments shall be sprayed with gray spatter paint and finished with a clear coat finish. The clear coat allows the compartments a more durable and easier cleaned up finish.

### **Undercoating**

The inside and the underside of the apparatus body shall be sprayed with a rubberized vehicle undercoating to protect the body from corrosion. The inside of the body shall be sprayed level with the top of the water tank.

### **Lettering**

There shall be 3" vinyl encapsulated Gold Leaf lettering with black outline and drop shadow applied on the apparatus per department specifications.

There shall be additional large lettering at the sides of the apparatus body per the customer specifications. The letter size will be determined by the customer and the amount of available space.

(There shall be a picture supplied by the department of the style and what they want for lettering to the salesperson or to the manufacturer.)

### **Reflective Stripe**

There shall be applied one (1) 6" white Scotchlite stripe with ¼" black outline and shaded fold on the cab and body to enhance appearance and to be more visible in low light and dark conditions. There shall also be a reflective stripe installed at the front of the apparatus below the cab grille and at the rear panel area where applicable.

There shall be reflective striping installed on the inside of the cab doors per NFPA regulations, minimum of 96 square inches each door.

The entire rear of the apparatus body shall be covered with alternating 6" Red and Fluorescent Yellow/Green reflective material in an inverted "V" Chevron pattern. This shall be 3M Diamond Grade Scotch lite material for maximum reflectivity at the rear of the apparatus.

### **Danger Plates**

There shall be supplied and installed "Warning/Danger" plates on the apparatus.

There shall be one (1) plate installed in the cab within view of the driver stating the maximum number of passengers in vehicle.

There shall be one (1) plate installed in the cab within view of the driver stating the overall height, overall length and GVWR of the completed apparatus.

There shall be one (1) plate installed in the cab within view of all passengers stating; "DANGER-personnel must be seated and seat belts must be fastened while vehicle is in motion or Death or Serious Injury May Result".

There shall be one (1) plate installed at the rear of the apparatus body stating; "DANGER-do not ride on rear step while vehicle is in motion or Death or Serious Injury May Result.

There shall be one (1) plate installed in the cab of the apparatus stating all the fluid types and capacities for the apparatus chassis and optional equipment.

### **Chassis Position**

Upon delivery the chassis shall sit level when fully loaded with water and supplied equipment.

### **Loose Equipment**

The following is a list of the loose equipment to be supplied with the apparatus upon delivery.

- One (1) Duo Safety model 900-A, 24' 2-section extension ladder
- One (1) Duo Safety model 775-A, 14' roof ladder
- One (1) Duo Safety model 585-A, 10' folding ladder
- One (1) Husky, 2100-gallon portable tank with 22oz liner with 28oz floor and aluminum frame
- Two (2) 6" x 10' lightweight flexible hard suction hose, long handle female swivel x rocker lug male
- One (1) 6" Red Head hi-volume low-level strainer
- One (1) Red Head adaptor 6" threaded to 5" storz
- Eight (8) lengths 100' x 5" LDH with 5" storz couplings
- Two (2) lengths 50' x 5" LDH with 5" storz couplings
- One (1) 16" gasoline powered Positive Pressure fan
- One (1) bag of miscellaneous nuts and bolts that are used in the construction of the apparatus

***\*Note: Any additional loose equipment items outlined in NFPA 1901 section 5.8 will be customer supplied and installed on the apparatus before the unit is placed into service. This equipment is not priced in this proposal!***

### **The list consists of the following equipment items:**

- 800' x 2 ½" or larger fire hose
- 400' x 1 ½", 1 ¾" or 2" fire hose
- One (1) 200GPM hand line nozzle
- Two (2) 95GPM hand line nozzles
- One (1) Play pipe with shutoff and 1", 1 1/8" and 1 ¼" tips
- One (1) 6lb flathead axe with mounts
- One (1) 6lb pick head axe with mounts
- One (1) 6' pike pole with mounts
- Two (2) portable hand lights with brackets
- One (1) dry chemical fire extinguisher with a minimum 80B:C rating with bracket
- One (1) 2 ½ gallon water extinguisher with mount
- One (1) SCBA (complete) per seating position in cab
- One (1) spare SCBA cylinder per SCBA carried
- One (1) First Aid Kit
- Four (4) combination spanner wrenches with mounting bracket

- Two (2) hydrant wrenches with mounting bracket*
- One (1) 2 ½" double female adapter*
- One (1) 2 ½" double male adapter*
- One (1) Rubber Mallet*
- Two (2) Salvage covers, minimum 12' x 14'*
- One (1) 5-point breakaway Hi-Visibility Safety Vest per seating position on apparatus*
- Five (5) Fluorescent orange 28" high (minimum) traffic cones with 6" and 4" reflective bands*
- Five (5) Illuminated warning devices (example: road flares or illuminated traffic cones)*
- One (1) Automatic External Defibrillator (AED)*

RECOMMENDATION

TO THE HONORABLE MAYOR AND COMMON COUNCIL:

We, the City Plan Commission, hereby recommend to approve a zoning map amendment from Light Industrial (I-1) to Single-Family Residential (R-1) for Arthur and Darlene Hohlfelder, for property located on Columbia Avenue, parcel #281-66-12001401 and #281-66-12001402.

Respectfully submitted:  
City Plan Commission  
By: Richard Wiesner, Chairperson

RESOLVED, that the foregoing recommendation be adopted.

Date: February 17, 2016

\*\*\*\*\*

Introduced by \_\_\_\_\_.

Moved by Alderperson \_\_\_\_\_, seconded by Alderperson \_\_\_\_\_ that said recommendation be adopted.

Passed by the Council on the \_\_\_\_\_ day of \_\_\_\_\_, 2016.



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## EXECUTIVE SUMMARY

### Zoning Map Amendment for Hohlfelder – I-1 to R-1

**Background:** Arthur and Darlene Hohlfelder are petitioning to rezone their properties from Light Industrial (I-1) to Single Family Residential (R-1). The first parcel is on the corner of Sawyer Drive (Oak Street) and S. Columbia Ave and contains roughly 2.13 acres of land with a wetland in the western most part of the parcel. The second parcel abuts S. Columbia Ave. and contains roughly 1.81 acres of land with the same wetland to the western most part of the parcel. Both parcels currently stand vacant. The Hohlfelders intend to build a home on one of the parcels, and to subdivide both parcels into two separate parcels to create four total parcels zoned R-1. If the parcels were split, they would comply with minimum R-1 zoning requirements under s. 20.27 of the City Municipal Code.

The parcels were a part of the original "Precision Park" Industrial Park. Due to the wetlands that weave in and out of the park and the creation of the Sturgeon Bay Industrial Park, very little industrial development ever came to fruition, and has sat vacant for several years.

#### Surrounding Zoning & Uses:

*North:* Single-family homes zoned R-1 (both within the City and the Town of Nasewaupée)

*South:* Vacant parcels zoned Light Industrial (I-1)

*East:* Wisconsin Telephone Company Building (Town of Nasewaupée)

*West:* Two-family home (Town of Nasewaupée) also owned by Hohlfelder

**Comprehensive Plan:** The Future Land Use Map within the Sturgeon Bay Comprehensive Plan identifies the subject parcels within the mixed residential use category. Mixed residential is defined in our Comprehensive Plan as "a residential area where single-family, two-family or multiple-family dwellings would be appropriate, or where an intermixing of dwelling types is desirable." There appears to be no other specific recommendations of the Comprehensive Plan that pertains directly to these lots. However, within the Comprehensive Plan there are future land use suggestions to take Light Industrial zoned lots to the south of the subject parcels and turn them into green space for recreation due to the wetlands within this area.

The rezoning petition is not in conflict with the Comprehensive Plan.

**Other Considerations:** If the applicants choose to divide the two parcels in the future for residential development, the newly divided parcels would meet the City zoning code as currently written (85' lot width, 10,000 square foot lot area minimum, etc.). City staff has

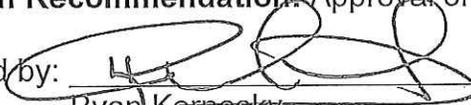
advised the applicants that in order for the lots to be divided, they would need to take the wetlands to the west into consideration, as City staff will not approve division of lots that are unbuildable.

Sewer and water mains exist along Columbia Ave. The proposed development can be handled, but additional laterals would have to be installed for new lots.

Because of the wetlands and the push for industrial development to be located within the Sturgeon Bay Industrial Park, these parcels are not strong candidates for industrial development. Therefore, the current I-1 zoning district currently assigned to these parcels does not seem to be a realistic goal.

**Fiscal Impact:** There appears to be no significant fiscal impact, other than a minimal increase in tax revenue for the City of Sturgeon Bay.

**City Staff Recommendation:** Approval of the zoning map amendment.

Prepared by:  \_\_\_\_\_  
Ryan Kernosky  
City Planner & Zoning Administrator

12/16/15  
Date

Approved by:  \_\_\_\_\_  
Marty Olejniczak  
Community Development Director

12/16/15  
Date

RK/cn

# CITY OF STURGEON BAY ZONING/REZONING APPLICATION

Date Received: 12/15/15  
 Fee Paid \$ 450.00  
 Received By: RR

	APPLICANT/AGENT	LEGAL PROPERTY OWNER
Name	Arthur & Darlene Hohlfelder	
Company		
Street Address	1422 Green Bay Rd	
City/State/Zip	Sturgeon Bay, WI 54235	
Daytime Telephone No.	920-743-8526	
Fax No.		
STREET ADDRESS OF SUBJECT PROPERTY: Location if not assigned a common address: <u>Columbia Ave</u>		
TAX PARCEL NUMBER: <u>281-66-12001401</u> <u>281-66-12001402</u>		
CURRENT ZONING CLASSIFICATION: <u>I-1</u>		
CURRENT USE AND IMPROVEMENTS: <u>open field</u>		
ZONING DISTRICT REQUESTED: <u>R-1</u>		
COMPREHENSIVE PLAN DESIGNATION OF SUBJECT PROPERTY: <u>Mixed residential</u>		
PROPOSED USE OF SURROUNDING PROPERTY UNDER COMPREHENSIVE PLAN: North: <u>Low density single family</u> South: <u>open space + recreation</u> East: <u>Mixed residential</u> West: <u>Mixed residential</u>		
ZONING AND USES OF ADJACENT SURROUNDING PROPERTIES: North: <u>Single family residential R-1</u> South: <u>I-1 vacant</u> East: <u>unzoned</u> West: <u>unzoned</u>		

HAVE THERE BEEN ANY VARIANCES, CONDITIONAL USE PERMITS, ETC. GRANTED PREVIOUSLY FOR THIS PROPERTY? NO IF YES, EXPLAIN: \_\_\_\_\_

Attach a full legal description (preferably on disk), 8-1/2" X 11" location map, and Agreement for Reimbursement of expenses.

Darlene Hohlfelder  
Property Owner (Print Name)

Darlene Hohlfelder  
Signature

12-15-15  
Date

\_\_\_\_\_  
Applicant/Agent (Print Name)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

I, Darlene Hohlfelder, have attended a review meeting with at least one member of staff and understand that I am responsible for sign placement and following all stages listed on the check list in regard to the applicant.

12-15-15  
Date of review meeting

Darlene Hohlfelder  
Applicant Signature

[Signature]  
Staff Signature

**Attachments:**

Procedure & Check List

Agreement For Reimbursement of Expenses

STAFF USE ONLY

Application conditions of approval or denial:

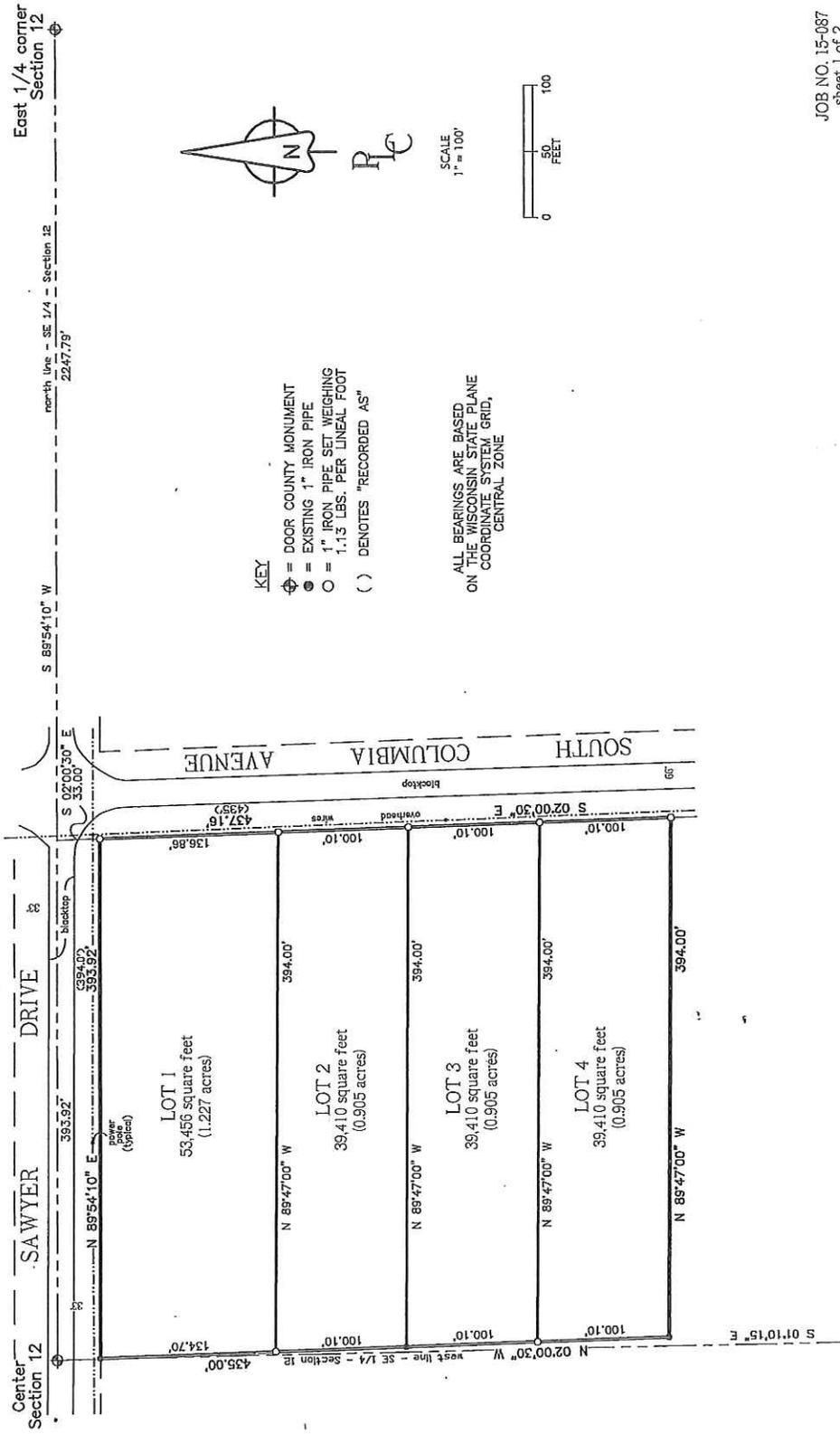
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\_\_\_\_\_  
Date

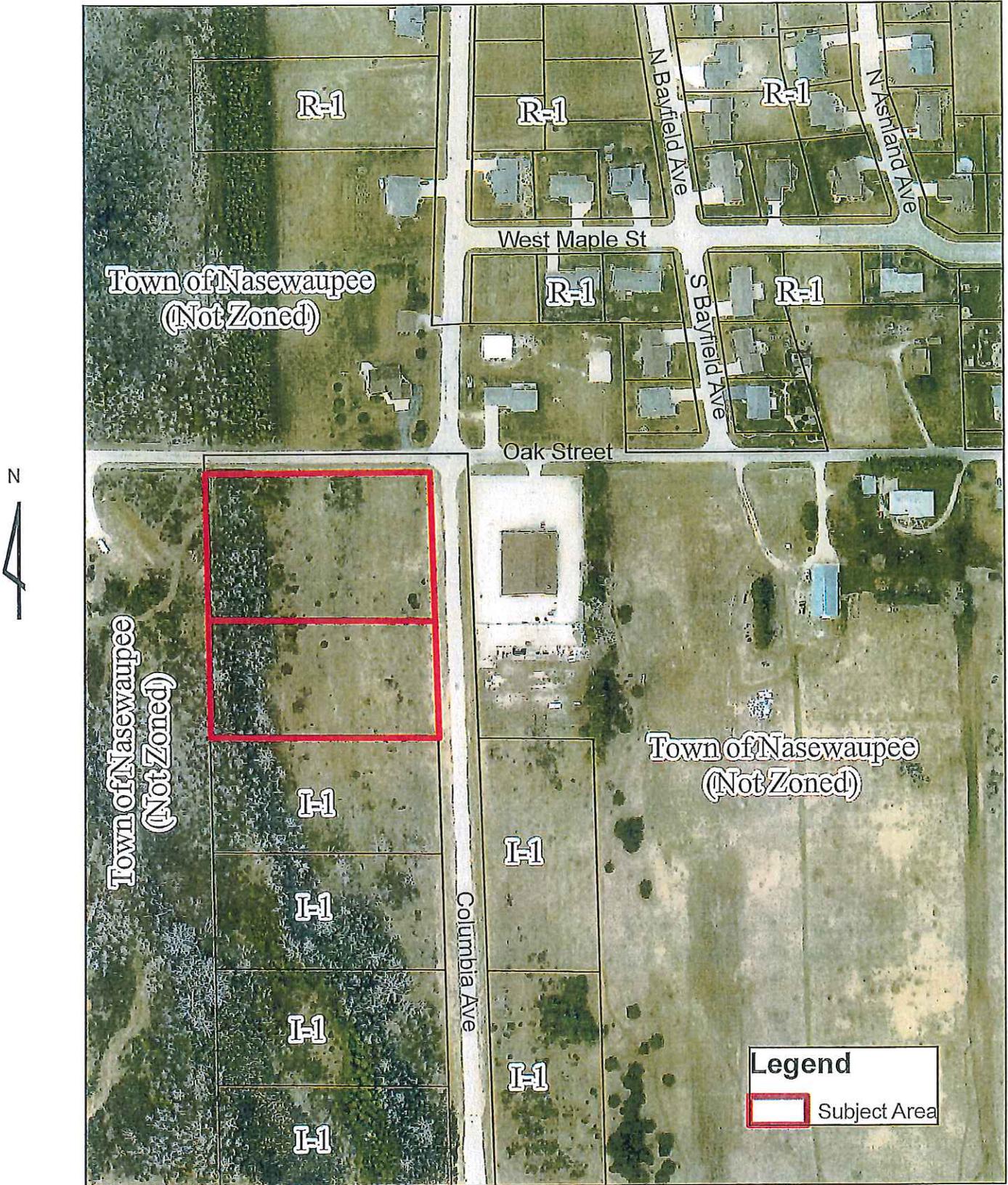
\_\_\_\_\_  
Community Development Director

CERTIFIED SURVEY MAP

BEING A REDIVISION OF TRACTS C-3 & C-4, VOLUME 1, CSM, PAGE 211,  
 LOCATED IN THE NW 1/4 OF THE SE 1/4, SECTION 12,  
 T. 27 N., R. 25 E., CITY OF STURGEON BAY, DOOR COUNTY, WISCONSIN



# Location Map Zoning Map Amendment Hohlfelder - I-1 to R-1



NOTE: Public Hearing to be held in the City Council Chamber at 7:00 PM on February 17, 2016

## ORDINANCE NO.

THE COMMON COUNCIL OF THE CITY OF STURGEON BAY, WISCONSIN DO  
ORDAIN AS FOLLOWS:

SECTION 1: Section 20.03 of the Municipal Code (zoning code) of the City of Sturgeon Bay, Wisconsin is hereby amended as follows:

*Tourist rooming house:* A dwelling unit in which sleeping accommodations are offered for pay to tourists or transients for periods of less than one calendar month or 30 days, whichever is less, counting the first day of the rental and not counting the last day of rental. It does not include a boardinghouse not accommodating tourists or transients, or bed & breakfast establishments. These facilities are sometimes referred to as vacation rentals.

SECTION 2: Section 20.09(1)(i) of the Municipal Code (zoning code) of the City of Sturgeon Bay, Wisconsin is hereby created as follows:

(i) Tourist rooming houses, subject to the following:

(1) The facilities shall be licensed by the Wisconsin Department of Health Services, the City of Sturgeon Bay, and the Door County Tourism Zone Commission.

a) New tourist rooming house permits issued by the City of Sturgeon Bay are valid for one year and expire on June 30. If a new tourist rooming house permit is issued after April 1, the City permit shall expire on June 30 the following year.

b) Renewal tourist rooming house permits are valid for two years and expire on June 30. Renewal Permits may be applied for no sooner than six months prior to expiration, but are not valid until July 1.

c) The Community Development Department will oversee the issuing or renewal of tourist rooming house permits. In the event City staff denies a permit, the applicant may appeal the denial decision to the City Plan Commission.

(2) The owner/operator must reside within Door, Kewaunee, or Brown Counties during periods in which the tourist rooming house is rented. This requirement may be waived if there is a

valid management contract with a management company located within Door County.

(3) Designated tourist rooming houses may have an unlit sign no larger than 2 square feet in size.

SECTION 3: Section 20.22(1)(k) of the Municipal Code (zoning code) of the City of Sturgeon Bay, Wisconsin is hereby created as follows:

(k) Tourist rooming houses. Subject to the requirements set forth in s. 20.09(1)(i).

SECTION 4: This ordinance shall take effect on the day after its publication.

Approved:

---

Thad Birmingham  
Mayor

Attest:

---

Stephanie L. Reinhardt  
City Clerk



## EXECUTIVE SUMMARY

### Tourist Rooming Houses – Zoning Code Amendment

**Background:** Over the last several years, the Community Development Department has received multiple inquiries from homeowners regarding the opportunity to rent their dwellings to individuals or families on short-term basis (commonly referred to as a tourist rooming house or vacation rental). Under the current Sturgeon Bay Municipal Code, short-term (transient) rentals of a dwelling are treated as a lodging house or boardinghouse, which are only allowed in multifamily (R-4) or commercial zoning districts. If a potential tourist rooming house is located in an R-1, R-2, or R-3 zoning district, it is not permitted.

Since 2005 the City Plan Commission has been discussing and recommending various zoning code amendments pertaining to tourist rooming houses being allowed in residential zoning districts. Multiple times the recommended changes have been sent back to Plan Commission for further review, and changes to the code have never been implemented. Most recently, the Council rejected a proposed Planned Unit Development that would have allowed a dwelling next to Otumba Park to be used as a tourist rooming house. The Council indicated at that time that it wasn't necessarily opposed to the proposed use of that particular dwelling, but felt the Plan Commission should come up with a set of standards that could be applied citywide rather than case by case through PUD zoning.

In addition, this last fall the Wisconsin Courts of Appeals made a decision regarding regulation of short-term rentals in the City of Cedarburg, WI. The City of Cedarburg regulated short-term rentals in a similar fashion as Sturgeon Bay in that such use was not allowed in the residential zoning districts. The Court struck down their prohibition of the short-term rentals. The issue cited by the court was that the zoning code did not explicitly state the restrictions regarding such use. The Sturgeon Bay City Attorney has expressed on several occasions that the Sturgeon Bay Zoning Code is fairly vague and could be challenged. The Cedarburg case increases that likelihood.

Therefore, the City needs to amend its zoning code to either explicitly prohibit tourist rooming house in the single-family and two-family residential districts or explicitly allow them with or without conditions. Over the last several months, City staff has diligently worked with the Plan Commission to create a comprehensive zoning code amendment that would permit tourist rooming houses and addresses previous concerns brought up by past councilmen and commissioners.

#### **Recommended Amendments:**

*Create a definition of tourist rooming house under chapter 20.03*

*Tourist rooming house: A dwelling unit in which sleeping accommodations are offered for pay to tourists or transients for periods of less than one calendar month or 30 days, whichever is less, counting the first day of the rental and not counting the last day of rental. It does not include a boardinghouse not accommodating tourists or transients, or bed & breakfast establishments. These facilities are sometimes referred to as vacation rentals.*

Note: The definition states the maximum duration of a short-term rental, that language was recently clarified by the Wisconsin Department of Revenue (DOR). Boardinghouses and bed & breakfast establishments are not regulated under the tourist rooming house amendment.

*Create a permitted use for tourist rooming house under chapter 20.09(1)(i)*

*(1) The facilities shall be licensed by the Wisconsin Department of Health Services, the City of Sturgeon Bay, and the Door County Tourism Zone Commission.*

*a) New tourist rooming house permits issued by the City of Sturgeon Bay are valid for one year and expire on June 30. If a new tourist rooming house permit is issued after April 1, the City permit shall expire on June 30 the following year.*

Note: The dates align with the State of Wisconsin Department of Health Services tourist rooming house licensing dates. New permits are good for one year, and owners must apply for a renewal permit after the permit is expired.

*b) Renewal tourist rooming house permits are valid for two years and expire on June 30. Renewal Permits may be applied for no sooner than six months prior to expiration, but are not valid until July 1.*

Note: Renewal tourist rooming house permits follow the same dates as new permits, but expire two years after being issued. Applicants can begin reapplying six months prior to the June 30<sup>th</sup> expiration date. This allows applicants to reapply before the heavy tourist season begins.

*c) The Community Development Department will oversee the issuing or renewal of tourist rooming house permits. In the event City staff denies a permit, the applicant may appeal the denial decision to the City Plan Commission.*

Note: The intent is that TRH operating within all requirements of the state and city would be administratively reviewed and automatically approved. Any TRH with complaints through the Police, Fire, or Building Inspection Departments could be reviewed more closely and referred to the Plan Commission, if deemed necessary. In that event, the Plan Commission could add conditions to the license or deny the renewal.

*(2) The owner/operator must reside within Door, Kewaunee, or Brown Counties during periods in which the tourist rooming house is rented. This requirement may be waived if there is a valid management contract with a management company located within Door County.*

Note: Concerns pertaining to response times to complaints and adequate oversight of tenants have been brought up numerous times in the last several years. By ensuring that the owner/operator resides within a reasonable driving time during the duration of the rental, or has a valid management contract with a management company in Door County, the City is ensuring that the aforementioned concerns are mitigated in a timely manner.

*(3) Designated tourist rooming houses may have an unlit sign no larger than 2 square feet in size.*

Note: This size matches the size allowed for identification signs for regular dwellings in the residential districts.

Create a permitted use for tourist rooming under s. 20.22(1)(k) as follows:

(i) Tourist rooming houses, subject to the following: The facilities shall be licensed by the Wisconsin Department of Health Services and the City of Sturgeon Bay. Must meet all requirements set forth in s. 20.09(1)(i).

Note: This would allow for tourist rooming houses to be a permitted use in the agricultural zoning districts, and would require that they follow the same rules and regulations as the residential zoning district tourist rooming houses.

**Fiscal Impacts:** Tourist rooming houses are required to have a room tax permit issued by the Door County Tourism Zone Commission, and must collect and remit room tax. The city retains 30% of the tax. Therefore, there would be a small increase in room tax revenue for the City of Sturgeon Bay. There would be some modest staff costs to administer the ordinance. This potentially could be offset by establishing a fee for the permit. Permit fees are established by the council after review and recommendation by the Finance Committee.

**City Attorney Review:** The City Attorney reviewed the ordinance, and has recommended to amend the ordinance removing the signage portion of the ordinance (s. 20.09(1)(i)(3)). Signage requirements are already within the City Sign Code (chapter 27) and therefore do not need to be repeated in this ordinance.

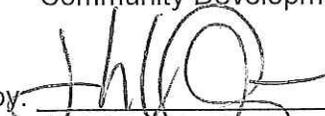
**Staff Recommendation:** City staff recommends adoption of the tourist rooming house ordinance with the City Attorney's recommendation.

Prepared by:   
Ryan Kernosky  
Planner & Zoning Administrator

1/27/16  
Date

Reviewed by:   
Marty Olejniczak  
Community Development Director

1/27/16  
Date

Approved by:   
Josh Van Lieshout  
City Administrator

1/27/16  
Date

ORDINANCE NO. \_\_\_\_\_

THE COMMON COUNCIL OF THE CITY OF STURGEON BAY, WISCONSIN DO ORDAIN AS FOLLOWS:

SECTION 1: The following described property is hereby rezoned from Light Industrial (I-1) to Single-Family Residential (R-1):

Tracts C-3 and C-4 of Certified Survey No. 105, recorded as Document No. 352147, in Volume 1 of Certified Survey Maps, Page 211, located in the Northwest one-quarter of the Southeast one-quarter of Section 12, Township 27 North, Range 25 East, City of Sturgeon Bay, Door County, Wisconsin, and containing 3.94 acres of land more or less.

Parcel No. 281-66-12001401 and Parcel No. 281-66-12001402.

SECTION 2: This ordinance shall take effect on the day after its publication.

Approved:

\_\_\_\_\_  
Thad Birmingham  
Mayor

Attest:

\_\_\_\_\_  
Stephanie L. Reinhardt  
City Clerk

RECOMMENDATION

TO THE HONORABLE MAYOR AND COMMON COUNCIL:

We, the Community Protection and Services Committee, hereby recommend the City of Sturgeon Bay accept Section 10.34 of the Municipal Code regarding sex offender residency restrictions.

Respectfully submitted,  
COMMUNITY PROTECTION AND SERVICES COMMITTEE  
By: Richard Wiesner, Chairperson

RESOLVED, that the foregoing recommendation be adopted.

Dated: February 18, 2016

\* \* \* \* \*

Introduced by \_\_\_\_\_.

Moved by Alderperson \_\_\_\_\_, seconded by

Alderperson \_\_\_\_\_ that said recommendation be adopted.

Passed by the Council on the \_\_\_\_\_ day of \_\_\_\_\_, 2015.

## EXECUTIVE SUMMARY

**TITLE:** Create Municipal Ordinance 10.34 – Sex Offender Residency Restrictions

**BACKGROUND:** The Wisconsin Statutes provide for the punishment, treatment and supervision of person convicted or otherwise responsible for sex crimes against children, including their release into the community.

Chapter 980 of the Wisconsin Statutes provides for the civil commitment of sexually violent persons, a more dangerous type of sex offender due to their likelihood to reoffend, and specifically, in Wis. Stat. § 980.08, provides for the supervised release of such persons into the community.

The City of Sturgeon Bay places a high priority on maintaining public safety through highly skilled and trained law enforcement and laws that deter and punish criminal behavior.

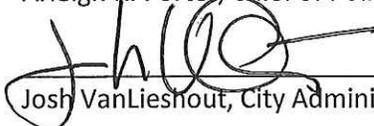
The City finds that sex offenders are a serious threat to public safety. When convicted sex offenders reenter society, they are much more likely than any other type of offender to be rearrested for a new rape or sexual assault. Given the high rate of recidivism for sex offenders and as reducing opportunity and temptation is important to minimizing the risk of re-offense, there is a need to protect children where they congregate or play in public places in addition to the protections afforded by state law near schools and daycare centers. The City finds that, in addition to schools and daycare centers, children congregate or play in a number of public places, including public parks and houses of worship.

Further, this chapter is a regulatory measure aimed at protecting the health and safety of children in the City from the risk that convicted sex offenders may reoffend following placement in the community. It is the purpose of this chapter not to impose a criminal penalty but rather to serve the City's compelling interest in promoting, protect and improving the health, safety and welfare of the citizens of the City by creating areas around locations where children regularly congregate in concentrated numbers wherein certain sexual offenders and sexual predators are prohibited from loitering or prowling.

**FISCAL IMPACT:** None

**RECOMMENDATION:** To create Municipal Ordinance 10.34. Please see attached.

**PREPARED BY:**   
Arleigh R. Porter, Chief of Police

**APPROVED BY:**   
Josh VanLieshout, City Administrator

**DATE:** February 18, 2016

ORDINANCE NO. \_\_\_\_\_  
**Sexual Offender Residency Restrictions**

THE COMMON COUNCIL OF THE CITY OF STURGEON BAY, WISCONSIN DO ORDAIN  
AS FOLLOWS:

SECTION 1: Section 10.34 of the Municipal Code of the City of Sturgeon Bay, Wisconsin is hereby created to read as follows:

**10.34. Sexual Offender Residency Restrictions.**

- (1) Findings and Purpose. The Wisconsin Statutes provide for the punishment, treatment and supervision of person convicted or otherwise responsible for sex crimes against children, including their release into the community.

Chapter 980 of the Wisconsin Statutes provides for the civil commitment of sexually violent persons, a more dangerous type of sex offender due to their likelihood to reoffend, and specifically, in Wis. Stat. § 980.08, provides for the supervised release of such persons into the community.

The City of Sturgeon Bay places a high priority on maintaining public safety through highly skilled and trained law enforcement and laws that deter and punish criminal behavior.

The City finds that sex offenders are a serious threat to public safety. When convicted sex offenders reenter society, they are much more likely than any other type of offender to be rearrested for a new rape or sexual assault. Given the high rate of recidivism for sex offenders and as reducing opportunity and temptation is important to minimizing the risk of re-offense, there is a need to protect children where they congregate or play in public places in addition to the protections afforded by state law near schools and daycare centers. The City finds that, in addition to schools and daycare centers, children congregate or play in a number of public places, including public parks and houses of worship.

This chapter is a regulatory measure aimed at limiting those sex offenders placed in the city to individuals who committed the offense in the City of Sturgeon Bay.

Further, this chapter is a regulatory measure aimed at protecting the health and safety of children in the City from the risk that convicted sex offenders may reoffend following placement in the community. It is the purpose of this chapter not to impose a criminal penalty but rather to serve the City's compelling interest in

promoting, protect and improving the health, safety and welfare of the citizens of the City by creating areas around locations where children regularly congregate in concentrated numbers wherein certain sexual offenders and sexual predators are prohibited from loitering or prowling.

(2) Definitions. As used in this chapter, and unless the context requires otherwise:

- (a) A “sexually violent offense” shall have the meaning as set forth in Wis. Stat. §980.06(6), as amended from time to time.
- (b) A “crime against children” shall mean any of the following offenses set forth within the Wisconsin statutes, as amended, or the laws of this or any other state or the federal government, having like elements necessary for conviction, where the victim is under the age of 18, respectively:

Wisconsin Statute Sections	
940.225(1)	First Degree Sexual Assault
940.225(2)	Second Degree Sexual Assault
940.225(3)	Third Degree Sexual Assault
940.22(2)	Sexual Exploitation by Therapist
940.30	False Imprisonment-victim was minor and not the offender's child
940.31	Kidnapping-victim was minor and not the offender's child
944.01	Rape (prior statute)
944.06	Incest
944.10	Sexual Intercourse with a Child (prior statute)
944.11	Indecent Behavior with a Child (prior statute)
944.12	Enticing Child for Immoral Purposes (prior statute)
948.02(1)	First Degree Sexual Assault of a Child
948.02(2)	Second Degree Sexual Assault of a Child
948.025	Engaging in Repeated Acts of Sexual Assault of the Same Child
948.05	Sexual Exploitation of a Child
948.055	Causing a Child to View or Listen to Sexual Activity
948.06	Incest with a Child

948.07	Child Enticement
948.075	Use of Computer to Facilitate a Child Sex Crime
948.08	Soliciting a Child for Prostitution
948.095	Sexual Assault of a Student by School Instructional Staff
948.11(2)(a) or (am)	Exposing Child to Harmful Material-felony sections
948.12	Possession of Child Pornography
948.13	Convicted Child Sex Offender Working with Children
948.30	Abduction of Another's Child
971.17	Not Guilty by Reason of Mental Disease-of an included offense
975.06	Sex Crimes Law Commitment

- (c) "Facility for children" means a public or private or secondary school; a church, synagogue, or house of worship as zoned by the City; a group home, as defined in Wis. Stat. §48.02(7); a residential care center for children or youth, as defined in Wis. Stat. §48.02(15d); a shelter care facility, as defined in Wis. Stat. §48.02(17); a daycare center licensed under Wis. Stat. §48.65; a daycare program established under Wis. Stat. §120.13(14); or a daycare provider certified under Wis. Stat. §48.651.
- (d) "Offender" means a person who has been convicted of or who has been found not guilty by reason of disease or mental defect of a sexually violent offense and/or a crime against children who was tried as an adult.
- (e) "Permanent residence" means the place where a person sleeps, abides, lodges, or resides for 14 or more consecutive days or which qualifies as a residence under the laws of the State of Wisconsin.
- (f) "Sexually violent offense" shall have the meaning as set forth in Wis. Stat. §948.06(6).
- (g) "Temporary residence" means residence or premises meeting any of the provisions of (e) hereof for a period of less than 14 consecutive days.
- (3) Original Domicile Restriction.

- (a) **Residency Prohibited.** No offender who has ever been ruled a sexual violent offender by a petition filed under Wis. Stat. Ch. 980 or any offender who has been convicted of a crime against children as defined in subsection (2)(b) shall be permitted to reside in the City, and no supervised release of such offender shall be established in the City, unless the offender committed the offense in the City.
- (b) **Exemptions.** An offender does not commit a violation of this chapter if any of the following apply:
  - 1. The offender is required to serve a sentence or is otherwise involuntarily required to reside in a jail located in the City of Sturgeon Bay.
  - 2. The offender has established a residence in the City of Sturgeon Bay prior to the effective date of this ordinance.
  - 3. The offender is a minor or ward under guardianship.
- (4) **Loitering.** It is unlawful for an offender, as defined by Section 10.34 (2), to loiter or prowl, as said words are used in Section 10.34 (4), within 500 feet of real property that supports upon which there exists a facility for children, a public park, a public swimming pool, a public library, or a public recreational trail.
- (5) **Appeal.** The residency restrictions of this chapter may be waived upon approval of the City Council through an appeal by the affected offender. Such appeal shall be made in writing to the City Clerk, who shall forward the request to the City Administrator and the Chief of Police. The Chief of Police shall forward a report on the appeal request to the City Council. The City Council will convene within 30 days of the appeal being filed with the Clerk to hear from the Chief of Police and the affected offender or their counsel. After deliberation, the City Council shall act on the recommendation. A written copy of the decision shall be provided to the affected offender by the City Clerk. The City Council may reject a waiver request when the request is filed with the City Clerk within 90 days of denial by the committee of a prior identical waiver request of the requester, absent a change in circumstances.
- (6) **Penalties.** Any person found guilty of violating this ordinance shall be penalized by forfeiture not less than \$100 and not to exceed \$1,000. Each day an offender maintains a residence in violation of this article constitutes a separate violation. The City may also seek equitable relief.

- (7) Severability. Should any portion of this ordinance be declared unconstitutional or invalid by a court of competent jurisdiction, the remainder of this ordinance shall not be affected.

SECTION 2. This Ordinance shall take effect on the day after its publication.

Approved:

Date of 1st Reading: \_\_\_\_\_

\_\_\_\_\_  
Thad Birmingham, Mayor

Date of 2nd Reading: \_\_\_\_\_

Attest:

Adoption: \_\_\_\_\_

Publication: \_\_\_\_\_

\_\_\_\_\_  
Stephanie L. Reinhardt, City Clerk

F:\Clients\S\Sturgeon Bay-City\Ordinances\sex offender ordinance 02-15-16 v.1.doc  
Revised 02/17/16

ORDINANCE NO. \_\_\_\_\_  
**Sexual Offender Residency Restrictions**

THE COMMON COUNCIL OF THE CITY OF STURGEON BAY, WISCONSIN DO ORDAIN AS FOLLOWS:

SECTION 1: Section 10.34 of the Municipal Code of the City of Sturgeon Bay, Wisconsin is hereby created to read as follows:

**10.34. Sexual Offender Residency Restrictions.**

- (1) Findings and Purpose. The Wisconsin Statutes provide for the punishment, treatment and supervision of person convicted or otherwise responsible for sex crimes against children, including their release into the community.

Chapter 980 of the Wisconsin Statutes provides for the civil commitment of sexually violent persons, a more dangerous type of sex offender due to their likelihood to reoffend, and specifically, in Wis. Stat. § 980.08, provides for the supervised release of such persons into the community.

The City of Sturgeon Bay places a high priority on maintaining public safety through highly skilled and trained law enforcement and laws that deter and punish criminal behavior.

The City finds that sex offenders are a serious threat to public safety. When convicted sex offenders reenter society, they are much more likely than any other type of offender to be rearrested for a new rape or sexual assault. Given the high rate of recidivism for sex offenders and as reducing opportunity and temptation is important to minimizing the risk of re-offense, there is a need to protect children where they congregate or play in public places in addition to the protections afforded by state law near schools and daycare centers. The City finds that, in addition to schools and daycare centers, children congregate or play in a number of public places, including public parks and houses of worship.

This chapter is a regulatory measure aimed at limiting those sex offenders placed in the city to individuals who committed the offense in the City of Sturgeon Bay.

Further, this chapter is a regulatory measure aimed at protecting the health and safety of children in the City from the risk that convicted sex offenders may reoffend following placement in the community. It is the purpose of this chapter not to impose a criminal penalty but rather to serve the City's compelling interest in

promoting, protect and improving the health, safety and welfare of the citizens of the City by creating areas around locations where children regularly congregate in concentrated numbers wherein certain sexual offenders and sexual predators are prohibited from loitering or prowling.

(2) Definitions. As used in this chapter, and unless the context requires otherwise:

- (a) A “sexually violent offense” shall have the meaning as set forth in Wis. Stat. §980.06(6), as amended from time to time.
- (b) A “crime against children” shall mean any of the following offenses set forth within the Wisconsin statutes, as amended, or the laws of this or any other state or the federal government, having like elements necessary for conviction, where the victim is under the age of 18, respectively:

Wisconsin Statute Sections	
940.225(1)	First Degree Sexual Assault
940.225(2)	Second Degree Sexual Assault
940.225(3)	Third Degree Sexual Assault
940.22(2)	Sexual Exploitation by Therapist
940.30	False Imprisonment-victim was minor and not the offender's child
940.31	Kidnapping-victim was minor and not the offender's child
944.01	Rape (prior statute)
944.06	Incest
944.10	Sexual Intercourse with a Child (prior statute)
944.11	Indecent Behavior with a Child (prior statute)
944.12	Enticing Child for Immoral Purposes (prior statute)
948.02(1)	First Degree Sexual Assault of a Child
948.02(2)	Second Degree Sexual Assault of a Child
948.025	Engaging in Repeated Acts of Sexual Assault of the Same Child
948.05	Sexual Exploitation of a Child
948.055	Causing a Child to View or Listen to Sexual Activity
948.06	Incest with a Child

948.07	Child Enticement
948.075	Use of Computer to Facilitate a Child Sex Crime
948.08	Soliciting a Child for Prostitution
948.095	Sexual Assault of a Student by School Instructional Staff
948.11(2)(a) or (am)	Exposing Child to Harmful Material-felony sections
948.12	Possession of Child Pornography
948.13	Convicted Child Sex Offender Working with Children
948.30	Abduction of Another's Child
971.17	Not Guilty by Reason of Mental Disease-of an included offense
975.06	Sex Crimes Law Commitment

- (c) "Facility for children" means a public or private or secondary school; a church, synagogue, or house of worship as zoned by the City; a group home, as defined in Wis. Stat. §48.02(7); a residential care center for children or youth, as defined in Wis. Stat. §48.02(15d); a shelter care facility, as defined in Wis. Stat. §48.02(17); a daycare center licensed under Wis. Stat. §48.65; a daycare program established under Wis. Stat. §120.13(14); or a daycare provider certified under Wis. Stat. §48.651.
- (d) "Offender" means a person who has been convicted of or who has been found not guilty by reason of disease or mental defect of a sexually violent offense and/or a crime against children who was tried as an adult.
- (e) "Permanent residence" means the place where a person sleeps, abides, lodges, or resides for 14 or more consecutive days or which qualifies as a residence under the laws of the State of Wisconsin.
- (f) "Sexually violent offense" shall have the meaning as set forth in Wis. Stat. §948.06(6).
- (g) "Temporary residence" means residence or premises meeting any of the provisions of (e) hereof for a period of less than 14 consecutive days.
- (3) Original Domicile Restriction.

- (a) Residency Prohibited. No offender who has ever been ruled a sexual violent offender by a petition filed under Wis. Stat. Ch. 980 or any offender who has been convicted of a crime against children as defined in subsection (2)(b) shall be permitted to reside in the City, and no supervised release of such offender shall be established in the City, unless the offender committed the offense in the City.
- (b) Exemptions. An offender does not commit a violation of this chapter if any of the following apply:
  - 1. The offender is required to serve a sentence or is otherwise involuntary required to reside in a jail located in the City of Sturgeon Bay.
  - 2. The offender has established a residence in the City of Sturgeon Bay prior to the effective date of this ordinance.
  - 3. The offender is a minor or ward under guardianship.
- (4) Loitering. It is unlawful for an offender, as defined by Section 10.34 (2), to loiter or prowl, as said words are used in Section 10.34 (4), within 500 feet of real property that supports upon which there exists a facility for children, a public park, a public swimming pool, a public library, or a public recreational trail.
- (5) Appeal. The residency restrictions of this chapter may be waived upon approval of the City Council through an appeal by the affected offender. Such appeal shall be made in writing to the City Clerk, who shall forward the request to the City Administrator and the Chief of Police. The Chief of Police shall forward a report on the appeal request to the City Council. The City Council will convene within 30 days of the appeal being filed with the Clerk to hear from the Chief of Police and the affected offender or their counsel. After deliberation, the City Council shall act on the recommendation. A written copy of the decision shall be provided to the affected offender by the City Clerk. The City Council may reject a waiver request when the request is filed with the City Clerk within 90 days of denial by the committee of a prior identical waiver request of the requester, absent a change in circumstances.
- (6) Penalties. Any person found guilty of violating this ordinance shall be penalized by forfeiture not less than \$100 and not to exceed \$1,000. Each day an offender maintains a residence in violation of this article constitutes a separate violation. The City may also seek equitable relief.

- (7) Severability. Should any portion of this ordinance be declared unconstitutional or invalid by a court of competent jurisdiction, the remainder of this ordinance shall not be affected.

SECTION 2. This Ordinance shall take effect on the day after its publication.

Approved:

Date of 1st Reading: \_\_\_\_\_

\_\_\_\_\_  
Thad Birmingham, Mayor

Date of 2nd Reading: \_\_\_\_\_

Attest:

Adoption: \_\_\_\_\_

\_\_\_\_\_  
Stephanie L. Reinhardt, City Clerk

Publication: \_\_\_\_\_

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Revised 02/17/16

## EXECUTIVE SUMMARY

**TITLE:** Create Municipal Ordinance 10.34 – Sex Offender Residency Restrictions

**BACKGROUND:** The Wisconsin Statutes provide for the punishment, treatment and supervision of person convicted or otherwise responsible for sex crimes against children, including their release into the community.

Chapter 980 of the Wisconsin Statutes provides for the civil commitment of sexually violent persons, a more dangerous type of sex offender due to their likelihood to reoffend, and specifically, in Wis. Stat. § 980.08, provides for the supervised release of such persons into the community.

The City of Sturgeon Bay places a high priority on maintaining public safety through highly skilled and trained law enforcement and laws that deter and punish criminal behavior.

The City finds that sex offenders are a serious threat to public safety. When convicted sex offenders reenter society, they are much more likely than any other type of offender to be rearrested for a new rape or sexual assault. Given the high rate of recidivism for sex offenders and as reducing opportunity and temptation is important to minimizing the risk of re-offense, there is a need to protect children where they congregate or play in public places in addition to the protections afforded by state law near schools and daycare centers. The City finds that, in addition to schools and daycare centers, children congregate or play in a number of public places, including public parks and houses of worship.

Further, this chapter is a regulatory measure aimed at protecting the health and safety of children in the City from the risk that convicted sex offenders may reoffend following placement in the community. It is the purpose of this chapter not to impose a criminal penalty but rather to serve the City's compelling interest in promoting, protect and improving the health, safety and welfare of the citizens of the City by creating areas around locations where children regularly congregate in concentrated numbers wherein certain sexual offenders and sexual predators are prohibited from loitering or prowling.

**FISCAL IMPACT:** None

**RECOMMENDATION:** To create Municipal Ordinance 10.34. Please see attached.

**PREPARED BY:**

  
Arleigh R. Porter, Chief of Police

**APPROVED BY:**

  
Josh VanLieshout, City Administrator

**DATE:** February 18, 2016