



City of Waupun

201 E. Main Street
WAUPUN, WISCONSIN 53963
Phone: 920-324-7900
Fax: 920-324-7939

"Wild Goose Center of Wisconsin"

August 8, 2018

A meeting of the Board of Public Works is scheduled for **Thursday, August 16, 2018**, at **4:30 p.m.** in the Waupun Public Works Garage, 903 N. Madison St.

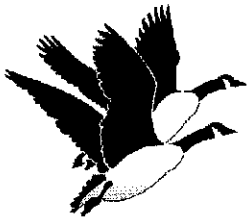
AGENDA

- 1) Call to Order
- 2) Roll Call
- 3) Approve minutes of June 12, 2018 meeting.
- 4) Discuss / Approve Capital projects for 2019.
- 5) Discuss fences around retention ponds.
- 6) Discuss sample resolution for municipal energy savings.
- 7) Discuss / Approve Fall yard waste pick-up dates. (10/15/18 – 11/16/18)
- 8) Discuss Madison St. letter from Dodge County regarding paving.
- 9) Update on Madison Street project.
- 10) Public Comments
- 11) Adjournment

Jeff Daane
Public Works Director

cc: Mayor & Common Council
City Attorney
Department Heads
Media

Please note that, upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and service. For additional information or to request this service, contact Angela Hull, City Clerk, at 324-7900.



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Waupun Board of Public Works DRAFT Minutes of Regular Meeting June 12, 2018

The Waupun Board of Public Works met in regular session on Tuesday, June 12, 2018, in the Common Council Chambers at the Waupun City Hall located at 201 E. Main Street, Waupun.

City Staff present is Mayor Nickel.

Audience present is Ken Liebenow and Scott Roffers.

No media is present.

Kaczmarek calls the meeting to order at 4:30pm.

Members present at roll call are Chairman/Alderman Kaczmarek, Alderman Mielke, Public Works Director Daane, City Clerk Hull, and Deputy Police Chief Rasch. Alderman Matoushek Jr is absent and arriving late.

Motion Rasch, second by Daane to approve the minutes from the May 8, 2018 meeting of the Board of Public Works. Motion carried 5-0.

Matoushek arrives.

Few years ago there was a partial study done to find ways to alleviate water run off at Hawthorne Drive. Prior to that an owner had put in a storm water inlet behind their house and a berm to shield their property. MSA completed the study and provided that the City would need to obtain an easement from the farm land property owner. Daane recommends using stormwater funds, materials estimated at \$4,145.13, for the construction of a drainage swale/ditch from the high point, going both ways, from Winter to Autumn. The run off affects 11 parcels. The City has provided other flooding measures for other properties in the past. Kaczmarek and Mielke suggest the owners should be contributing toward the cost.

Motion Matoushek, second Daane to approve \$4,145.13 of stormwater funds be used to alleviate water run off at Hawthorne Drive with the construction of a drainage swale contingent upon receiving an easement from the farm land owner. Motion carried 4-2 with Mielke and Kaczmarek voting nay.

Oriole and Harris streets also have vast amount of water run off which affects 9 parcels and sidewalks. To install sump lines and drains, to alleviate this excess water, storm water funds in the amount of \$11,746 for materials could be used.

Motion Matoushek, second Rasch to approve \$11,746 of stormwater funds be used to alleviate water run off at Oriole and N. Harris with the construction of a sump lines and drains. Motion carried 5-1 with Kaczmariski voting nay.

Ken Liebenow (owner/landlord) and Scott Roffers (business owner of Silverback Brazilian Jiu-Jitsu) of 24 E Main Street appear to request street parking on Drummond, between Main and Franklin. On the east side of Drummond by the corner to the driveway of Werner Harmsen, no parking is posted. North of there is 2 hour parking on the east side of the road.

Discussion of providing 2 hour parking on the east side of Drummond and providing "no parking-loading zone only" signage on the west side for the availability to drop off children at the business. Daane will place signage on the west side for no parking. Rasch states he will allow the customers to park in the police department lot behind the building as well.

Motion Rasch, second Matoushek to approve 2 hour parking on the east side of Drummond and providing no parking-loading zone only signage on the west side, back from the stop sign. This is temporary and to be reviewed again in one year. Motion carried 6-0.

Discussion of street lighting for the Christian Home on Hwy 68 is tabled for a future meeting. Discussion of the 55mph speed limit on the highway is heard. Rasch will speak with the Traffic Safety Commission meeting to have the speed limit changed to 35mph.

Rasch is presenting to the Traffic Safety Commission meeting to lower the speed on Hwy 26 to 40mph by the truck stop to the City.

The City of Waupun is proposing to reconstruct Madison Street from the Rock River Bridge on N. Madison to S. Madison Street City limits. A letter is drafted to request Dodge County to resurface mill/overlay for the remainder of S. Madison Street from City limits to the southernmost railroad tracks.

Motion Rasch, second Matoushek to approve a letter be issued to Dodge County to resurface mill/overlay for the remainder of S. Madison Street from City limits to the railroad tracks. Motion carried 6-0.

No public comments are heard.

Motion Matoushek, second Rasch to duly call the meeting adjourned at 5:33. Motion carried 6-0.

Angela Hull, City Clerk

VEHICLE/EQUIPMENT PURCHASE JUSTIFICATION

DEPARTMENT: Public Works

Vehicle/Equipment Item Description	Estimated Cost of Item				
	2019	2020	2021	2022	2023
1. Tandem Dump Truck and attachments	\$105,000 \$105,000				
2. Lawn Mower / snowblower		\$54,105			
3. 1-Ton Flatbed with hoist		\$56,300			
4. Bobcat Loader with Digger		\$50,000			
5. Ball Diamond Tractor / 3 Wheeler			\$12,000		

IF THIS IS A NEW ITEM, JUSTIFICATION REQUIRED:

PLEASE DESCRIBE THE NEED FOR THE NEW ITEM:

1. _____
2. _____
3. _____
4. _____
5. _____

IF THIS IS A REPLACEMENT, JUSTIFICATION REQUIRED:

WHAT IS THE CONDITION OF EQUIPMENT BEING REPLACED?

1. 29 years old, replace single axel with tandem, rusting out, 25% storm water
2. 11 years old, rusting out, in need of other repairs
3. 22 years old, rusting out, 25% storm water
4. 24 years old, fair condition
5. 36 years old, old, may replace with a 3 wheeler for fields

DOES THE MAINTENANCE RECORD SUPPORT THE REPLACEMENT FOR EACH ITEM ABOVE

(Please provide support):

YES _____ NO _____

PLEASE LIST EQUIPMENT ITEMS THAT WILL BE REPLACED BY THIS PURCHASE:

1. 8-90 – Single Axel Dump truck and attachments
2. 152-09 – Lawn mower / Snow blower
3. 27-98 – 1-ton flatbed with hoist
4. 107-96 – Bobcat skid loader with auger
5. 158-84 – Tractor for ballfields

2019 purchase requests should be substantiated by a quote and attached to the form submitted.

VEHICLE/EQUIPMENT PURCHASE JUSTIFICATION

DEPARTMENT: Public Works

Vehicle/Equipment Item Description	Estimated Cost of Item				
	2019	2020	2021	2022	2023
1. Leaf Vac			\$35,178		
2. Snow Blower			\$140,998		
3. Roller / Vibrator				\$10,050	
4. ¾ Ton Pick-up truck				\$35,000	
5. Ball Diamond Tractor / 3 wheeler				\$12,000	

IF THIS IS A NEW ITEM, JUSTIFICATION REQUIRED:

PLEASE DESCRIBE THE NEED FOR THE NEW ITEM:

1. _____
2. _____
3. _____
4. _____
5. _____

IF THIS IS A REPLACEMENT, JUSTIFICATION REQUIRED:

WHAT IS THE CONDITION OF EQUIPMENT BEING REPLACED?

1. 24 years old at replacement, it is in fair condition
2. 24 years old at replacement, it is in fair condition
3. 25 years old at replacement, has some repairs needed
4. 24 years old at replacement, rusting out
5. 36 years old at replacement, may replace with 3 wheeler

DOES THE MAINTENANCE RECORD SUPPORT THE REPLACEMENT FOR EACH ITEM ABOVE

(Please provide support):

YES _____ NO _____

PLEASE LIST EQUIPMENT ITEMS THAT WILL BE REPLACED BY THIS PURCHASE:

1. 155-96 – Leaf Vac
2. 25-A – Snowblower
3. 164-94 – Roller Vibrator
4. 38-96 – ¾ Ton Pick-up truck
5. 162-85 – Ball field tractor

2019 purchase requests should be substantiated by a quote and attached to the form submitted.

VEHICLE/EQUIPMENT PURCHASE JUSTIFICATION

DEPARTMENT: Public Works

Vehicle/Equipment Item Description	Estimated Cost of Item				
	2019	2020	2021	2022	2023
1. Track Loader					\$150,000
2. Floor Sweeper					\$7,307
3. Tractor / Blade / Broom / Sprayer					\$25,528

IF THIS IS A NEW ITEM, JUSTIFICATION REQUIRED:

PLEASE DESCRIBE THE NEED FOR THE NEW ITEM:

1. _____
2. _____
3. _____
4. _____
5. _____

IF THIS IS A REPLACEMENT, JUSTIFICATION REQUIRED:

WHAT IS THE CONDITION OF EQUIPMENT BEING REPLACED?

1. 35 years old at replacement
2. 25 years old at replacement
3. 27 years old at replacement
4. _____
5. _____

DOES THE MAINTENANCE RECORD SUPPORT THE REPLACEMENT FOR EACH ITEM ABOVE

(Please provide support):

YES _____ NO _____

PLEASE LIST EQUIPMENT ITEMS THAT WILL BE REPLACED BY THIS PURCHASE:

1. 101-88 – CAT Track Loader
2. 153-93 – Floor Sweeper
3. 160-96 – Tractor / Blade / Sweeper
4. _____
5. _____

2019 purchase requests should be substantiated by a quote and attached to the form submitted.

Jeff Daane

From: Troy Redfearn <tredfearn@monroetruck.com>
Sent: Monday, July 16, 2018 7:52 AM
To: Jeff Daane
Subject: Equipment budget pricing

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Jeff,
Sorry for the delay. Please give me a call to review.

Rebody Sterling tandem \$25,000.00
-14' structural platform with wood floor and steel overlay and bulkhead
-Sub-frame scissors hoist
-Rear hitch

Adapt hydraulics on Sterling tandem to operate current anti-icer with ground speed which involves new hydraulic manifold and direct liquid control in cab \$7,500.00.

New tandem equipment package like your current layout \$105,000.00.

Add hook lift system to new package in lieu of scissors hoist \$35,000.00.

14' structural platform with wood floor, steel overlay, bulkhead and A-frame for hook lift \$15,000.00

Troy Redfearn
District Sales Manager
Monroe Truck Equipment
920-360-4446

Prepared for:
Richard Flynn
City of Waupun
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Phone: 920-324-7900

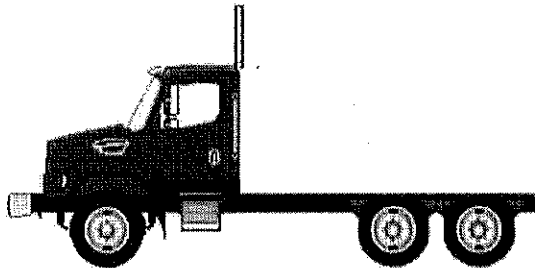
Prepared by:
Jay Szymanski
TRUCK CTY OF WISCONSIN,
INC.
2401 PROGRESS WAY
KAUKAUNA, WI 541309559
Phone: 920-766-5222

*A proposal for
City of Waupun*

*Prepared by
TRUCK CTY OF WISCONSIN, INC.
Jay Szymanski*

Apr 25, 2018

Freightliner 114SD



Components shown may not reflect all spec'd options and are not to scale

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 INC.
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 KAUKAUNA, WI 541309659
 Phone: 920-766-6222

S P E C I F I C A T I O N P R O P O S A L

Data Code	Description
Price Level	
PRL-18D	SD PRL-17D (EFF:04/17/18)
Data Version	
DRL-001	SPECPRO21 DATA RELEASE VER 001
Vehicle Configuration	
001-177	114SD CONVENTIONAL CHASSIS
004-219	2019 MODEL YEAR SPECIFIED
002-004	SET BACK AXLE - TRUCK
019-002	STRAIGHT TRUCK PROVISION
003-001	LH PRIMARY STEERING LOCATION
General Service	
AA1-002	TRUCK CONFIGURATION
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE
A84-1GM	GOVERNMENT BUSINESS SEGMENT
AA4-010	DIRT/SAND/ROCK COMMODITY
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS
AB1-008	MAXIMUM 8% EXPECTED GRADE
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE
995-1A0	FREIGHTLINER SD VOCATIONAL WARRANTY
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 58000.0 lbs
Truck Service	
AA3-018	FRONT PLOW/END DUMP BODY

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Data Code	Description
AF3-1G0	ZORESCO EQUIPMENT COMPANY
Engine	
101-22V	CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM
Electronic Parameters	
79A-063	63 MPH ROAD SPEED LIMIT
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
79G-103	4 MINUTE IDLE SHUTDOWN - CONTINUOUS OVERRIDE WITH CLUTCH AND SERVICE BRAKE
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
80G-002	PTO MINIMUM RPM - 700
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH
Engine Equipment	
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION
99D-010	NO 2008 CARB EMISSION CERTIFICATION
13E-001	STANDARD OIL PAN
105-015	OIL FILL AND DIPSTICK LOCATED FOR ENHANCED SERVICEABILITY
014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE
292-098	(2) ALLIANCE MODEL 1231XOE, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES
290-017	BATTERY BOX FRAME MOUNTED
281-001	STANDARD BATTERY JUMPERS
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB

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Data Code	Description
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
289-001	NON-POLISHED BATTERY BOX COVER
87P-001	CAB AUXILIARY POWER CABLE
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
152-040	ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH
239-038	11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP
242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD(S)
273-018	HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED
110-003	CUMMINS SPIN ON FUEL FILTER
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER
266-017	1300 SQUARE INCH ALUMINUM RADIATOR
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT

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Data Code	Description
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
270-016	RADIATOR DRAIN VALVE
360-016	1310 ADAPTER FLANGE FOR FRONT PTO PROVISION
132-004	ELECTRIC GRID AIR INTAKE WARMER
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH

Transmission

342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
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Transmission Equipment

343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES

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Data Code	Description
353-002	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT FIREWALL
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
345-037	ELECTRONIC CONTROL T-HANDLE SHIFT LEVER, DASH MOUNTED
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle and Equipment

400-1BB	DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
403-002	NON-ASBESTOS FRONT BRAKE LINING
419-023	CONMET CAST IRON FRONT BRAKE DRUMS
427-001	FRONT BRAKE DUST SHIELDS
409-006	FRONT OIL SEALS
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES
405-031	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS
406-001	STANDARD KING PIN BUSHINGS
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR
539-003	POWER STEERING PUMP
534-003	4 QUART POWER STEERING RESERVOIR
533-001	OIL/AIR POWER STEERING COOLER
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE

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Data Code	Description
Front Suspension	
620-068	23,000# FLAT LEAF FRONT SUSPENSION
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION
410-001	FRONT SHOCK ABSORBERS
Rear Axle and Equipment	
420-103	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
421-614	6.14 REAR AXLE RATIO
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
386-011	SPL170 XL DANA SPICER MAIN DRIVELINE WITH HALF ROUND YOKES
388-012	SPL170 XL DANA SPICER INTERAXLE DRIVELINE WITH HALF ROUND YOKES
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES
878-022	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AXLE VALVE AND (1) REAR-REAR AXLE VALVE
87A-001	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF
87B-004	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
433-002	NON-ASBESTOS REAR BRAKE LINING
434-005	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS
451-023	CONMET CAST IRON REAR BRAKE DRUMS
425-002	REAR BRAKE DUST SHIELDS
440-006	REAR OIL SEALS
426-101	WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE
42T-001	STANDARD REAR AXLE BREATHER(S)

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Data Code	Description
Rear Suspension	
622-199	AIRLINER 46,000# REAR SUSPENSION
621-007	AIRLINER HIGH POSITION RIDE HEIGHT
431-005	RESTRAINED AXLE SEATS IN AXLE CLAMP GROUP
624-016	51 INCH AXLE SPACING
888-048	MANUAL DUMP VALVE FOR AIR SUSPENSION WITH GAUGE
87D-006	INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH
910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE
623-002	TRANSVERSE CONTROL RODS
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)
Brake System	
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES
904-001	FIBER BRAID PARKING BRAKE HOSE
412-001	STANDARD BRAKE SYSTEM VALVES
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM
413-002	STD U.S. FRONT BRAKE VALVE
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER
479-004	AIR DRYER MOUNTED OUTBOARD ON LH RAIL
460-058	STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)
Trailer Connections	
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT
Wheelbase & Frame	
545-472	4725MM (186 INCH) WHEELBASE
546-1B2	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI

Prepared for:
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 City of Waupun
 201 East Main Street
 Waupun, WI 53963
 Phone: 920-324-7900

Prepared by:
 Jay Szymanski
 TRUCK CTY OF WISCONSIN,
 INC.
 2401 PROGRESS WAY
 KAUKAUNA, WI 541309559
 Phone: 920-766-5222

Data Code	Description
547-034	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW
552-037	1775MM (70 INCH) REAR FRAME OVERHANG
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 120.45 in
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 117.45 in
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 325.61
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 120.45 in
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 48.6 in
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 74.92 in
553-001	SQUARE END OF FRAME
550-001	FRONT CLOSING CROSSMEMBER
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)
572-001	STANDARD REARMOST CROSSMEMBER
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER
Chassis Equipment	
556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS
Fuel Tanks	
204-152	70 GALLON/264 LITER ALUMINUM FUEL TANK - LH
218-006	25 INCH DIAMETER FUEL TANK(S)
215-006	POLISHING OF FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS
212-007	FUEL TANK(S) FORWARD
664-001	PLAIN STEP FINISH
205-002	CHROME FUEL TANK CAP(S)
122-1H8	DAVCO 245 FUEL/WATER SEPARATOR WITH 12 VOLT HEAT AND WATER IN FUEL SENSOR

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Data Code	Description
216-020	EQUIFLO INBOARD FUEL SYSTEM
11F-998	NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE
Tires	
093-2CC	MICHELIN XZU-S2 315/80R22.5 20 PLY RADIAL FRONT TIRES
094-1UY	MICHELIN X MULTI D 11R22.5 16 PLY RADIAL REAR TIRES (NORTH AMERICAN ONLY)
Hubs	
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS
Wheels	
502-433	ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS
505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS
Cab Exterior	
829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
650-008	AIR CAB MOUNTING
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE
667-037	SHORT FENDER WITH MUDFLAP
678-018	LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT
646-041	STATIONARY BLACK GRILLE
65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE
644-006	FIBERGLASS HOOD WITH ACCESS HATCHES
690-017	HOOD LINER, ADDED FIREWALL AND FLOOR HEAT INSULATION
727-1AJ	DUAL 14 INCH ROUND POLISHED AIR HORNS
726-001	SINGLE ELECTRIC HORN
728-002	DUAL HORN SHIELDS
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS
575-001	REAR LICENSE PLATE MOUNT END OF FRAME

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Data Code	Description
312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS
302-047	LED AERODYNAMIC MARKER LIGHTS
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS
300-015	STANDARD FRONT TURN SIGNAL LAMPS
318-032	SWITCH, INDICATOR LIGHT AND APPROXIMATELY 10 FEET OF WIRE ON CHASSIS RH BACK OF CAB FOR CUSTOMER FURNISHED UTILITY LIGHT(S)
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE
797-001	DOOR MOUNTED MIRRORS
796-001	102 INCH EQUIPMENT WIDTH
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS
74A-001	RH DOWN VIEW MIRROR
74B-1B4	RH AND LH 8 INCH HEATED STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS
729-001	STANDARD SIDE/REAR REFLECTORS
764-010	COMPOSITE EXTERIOR SUN VISOR
768-043	63X14 INCH TINTED REAR WINDOW
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)
769-002	LOWER RH DOOR WINDOW WITH FRESNEL LENS
663-029	1-PIECE TINTED CURVED BONDED WINDSHIELD WITH HEATED WIPER BLADE PARK AREAS
659-022	2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED, WITH REMOTE FILL
647-001	WHITE WINTERFRONT
Cab Interior	
707-1AK	OPAL GRAY VINYL INTERIOR
708-013	MOLDED PLASTIC DOOR PANEL
708-013	MOLDED PLASTIC DOOR PANEL
772-006	BLACK MATS WITH SINGLE INSULATION
785-998	NO DASH MOUNTED ASH TRAYS AND LIGHTER

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Data Code	Description
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING
694-010	IN DASH STORAGE BIN
696-012	CENTER STORAGE CONSOLE MOUNTED ON BACKWALL
693-023	LH DOOR MAP POCKET
742-003	(2) CUP HOLDERS LH AND RH DASH AND THERMOS HOLDER FLOOR/TUNNEL MOUNTED
680-006	GRAY/CHARCOAL FLAT DASH
860-004	SMART SWITCH EXPANSION MODULE
720-003	5 LB. FIRE EXTINGUISHER
700-002	HEATER, DEFROSTER AND AIR CONDITIONER
701-008	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE
703-006	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
170-019	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR
702-002	BINARY CONTROL, R-134A
739-034	PREMIUM INSULATION
285-027	SOLID-STATE CIRCUIT PROTECTION AND FUSES WITH SPARE FUSE KIT
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM
324-011	DOMED DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF
655-005	LH AND RH ELECTRIC DOOR LOCKS
284-023	(1) 12 VOLT POWER SUPPLY IN DASH
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES
756-1D9	PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER
760-1DC	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT
759-006	DUAL DRIVER SEAT ARMRESTS AND INBOARD PASSENGER SEAT ARMREST
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS
758-014	BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER

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Data Code	Description
761-014	BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER
763-104	HIGH VISIBILITY ORANGE SEAT BELTS WITH DRIVER INDICATOR LIGHT AND AUDIBLE ALARM
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS
Instruments & Controls	
732-004	GRAY DRIVER INSTRUMENT PANEL
734-004	GRAY CENTER INSTRUMENT PANEL
870-001	BLACK GAUGE BEZELS
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS
721-001	97 DB BACKUP ALARM
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH
844-001	2 INCH ELECTRIC FUEL GAUGE
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE

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Data Code	Description
679-001	OVERHEAD INSTRUMENT PANEL
746-115	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939
747-001	DASH MOUNTED RADIO
750-002	(2) RADIO SPEAKERS IN CAB
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
817-001	STANDARD VEHICLE SPEED SENSOR
812-001	ELECTRONIC 3000 RPM TACHOMETER
813-998	NO VEHICLE PERFORMANCE MONITOR
162-011	IDLE LIMITER, ELECTRONIC ENGINE
329-091	(8) IGN CONTROLLED EXTRA SWITCHES WITH IND LIGHTS WIRED TO POWER DIST BOX WITH RELAYS PROVIDING 20 AMPS PER CIRCUIT TO JUNCTION BLOCK AND 1 CIRCUIT AT 30 AMPS
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
660-001	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES
304-039	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS

Design

065-000 PAINT: ONE SOLID COLOR

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Data Code	Description
Color	
980-8KK	CAB COLOR A: L6389EB OMAHA ORANGE ELITE BC
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
976-995	SUNVISOR PAINTED SAME AS CAB COLOR A
963-003	STANDARD E COAT/UNDERCOATING

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS
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Secondary Factory Options

998-032	CORPORATE PDI CENTER OPTION INSTALLATION/MODIFICATION ONLY
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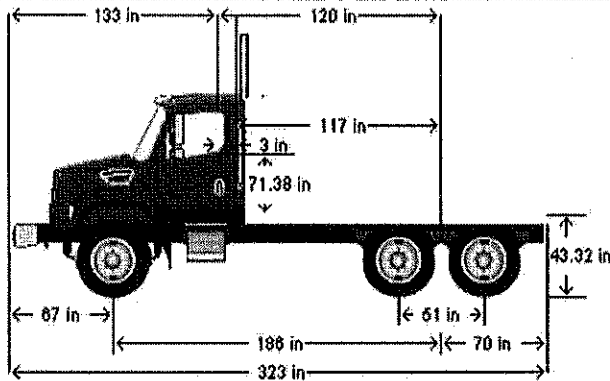
Dealer Installed Options

		Weight Front	Weight Rear
1	PARTS AND SERVICE MANUALS ON LINE FOR LIFE OF TRUCK.	0	0
2	TRUCK REGISTRATION	0	0
3	FLAMMING RIVER BATTERY SHUT OFF WITH 6 MIN DELAY.	0	0
4	2020 UPDATE	0	0
Total Dealer Installed Options		0 lbs	0 lbs

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DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model.....	114SD
Wheelbase (545).....	4725MM (186 INCH) WHEELBASE
Rear Frame Overhang (552).....	1775MM (70 INCH) REAR FRAME OVERHANG
Fifth Wheel (578).....	NO FIFTH WHEEL
Mounting Location (577).....	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in).....	0
Maximum Rearward Position (in).....	0
Amount of Slide Travel (in).....	0
Slide Increment (in).....	0
Desired Slide Position (in).....	0.0
Cab Size (829).....	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682).....	NO SLEEPER BOX/SLEEPER/CAB
Exhaust System (016).....	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

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Dimensions	Inches
Bumper to Back of Cab (BBC)	132.9
Bumper to Centerline of Front Axle (BA)	67.3
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	120.4
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	117.4
Back of Cab Protrusions (Exhaust/Intake) (CP)	0.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	190.4
Cab Height (CH)	71.4
Wheelbase (WB)	186.0
Frame Overhang (OH)	70.0
Overall Length (OAL)	323.3
Rear Axle Spacing	51.0
Uniaden Frame Height at Centerline of Rear Axle	43.3

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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G V W R

VEHICLE SPECIFICATIONS SUMMARY - GVWR

Model.....	114SD
Cab Size (829).....	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Expected Front Axle(s) Load (lbs).....	18000.0
Expected Pusher Axle(s) Load (lbs).....	0.0
Expected Rear Axle(s) Load (lbs).....	40000.0
Expected Tag Axle(s) Load (lbs).....	0.0
Expected GVW (lbs).....	58000
Expected GCW (lbs).....	0.0
Front Axle (400).....	DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
Front Suspension (620).....	23,000# FLAT LEAF FRONT SUSPENSION
Front Hubs (418).....	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
Front Disc Wheels (502).....	ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS
Front Tires (093).....	MICHELIN XZU-S2 315/80R22.5 20 PLY RADIAL FRONT TIRES
Front Brakes (402).....	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
Steering Gear (536).....	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR
Rear Axle (420).....	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
Rear Suspension (622).....	AIRLINER 46,000# REAR SUSPENSION
Rear Hubs (450).....	CONMET PRESET PLUS PREMIUM IRON REAR HUBS
Rear Disc Wheels (505).....	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS
Rear Tires (094).....	MICHELIN X MULTI D 11R22.5 16 PLY RADIAL REAR TIRES (NORTH AMERICAN ONLY)
Rear Brakes (423).....	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
Pusher / Tag Axle (443).....	NO PUSHER OR TAG AXLE
Pusher / Tag Suspension (626).....	NO PUSHER OR TAG SUSPENSION
Pusher / Tag Hubs (449).....	NO PUSHER OR TAG HUBS
Pusher/Tag Disc Wheels (509).....	NO PUSHER/TAG DISC WHEELS
Pusher / Tag Tires (095).....	NO PUSHER/TAG TIRES
Pusher / Tag Brakes (456).....	NO PUSHER/TAG BRAKES

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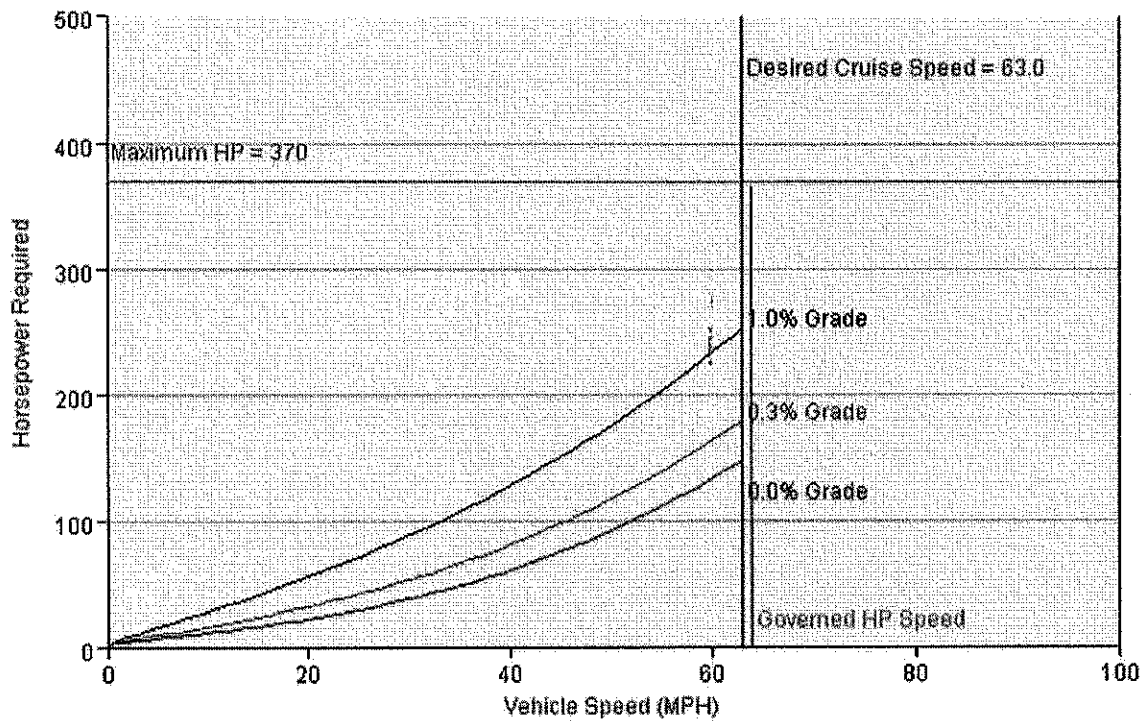
	Front	Rear 1	Rear 2
Axle Component Weight Ratings			
Axles	20000	23000	23000
Suspension	23000	23000	23000
Hubs	23000	26000	26000
Brakes	20000	21000	21000
Wheels	20000	32000	32000
Tires	20000	24020	24020
Power Steering	22000	N/A	N/A
GAWR (per axle)	20000	21000	21000
GAWR (per axle system)	20000		42000
Expected Load (per axle system)	18000		40000
Vehicle GVWR Summary			
Calculated GVWR	62000		
Expected GVWR	58000		
All weights displayed in pounds			

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SPEEDABILITY



VEHICLE SPECIFICATIONS SUMMARY - SPEEDABILITY

Model..... 114SD
 Cab Size (829)..... 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
 Desired Cruise Speed (mph).....63.0
 Expected Front Axle(s) Load (lbs)..... 18000.0
 Expected Pusher Axle(s) Load (lbs).....0.0

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Expected Rear Axle(s) Load (lbs).....	40000.0
Expected Tag Axle(s) Load (lbs).....	0.0
Expected GVW (lbs).....	58000
Expected GCW (lbs).....	0.0
Engine (101).....	CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM
Governed RPM.....	2100
HP at Governed RPM.....	365
RPM at Max HP.....	1900
Max HP.....	370
HP at Governed RPM (High Torque).....	365
RPM at Max HP (High Torque).....	1900
Max HP (High Torque).....	370
Multi-torque.....	NO
Transmission (342).....	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
Rear Axle (420).....	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
Number of Speeds.....	1
Rear Axle Gear Ratio(s).....	6.14 REAR AXLE RATIO
Rear Tires (094).....	MICHELIN X MULTI D 11R22.5 16 PLY RADIAL REAR TIRES (NORTH AMERICAN ONLY)
Revolutions per Mile.....	494
Trailer Width (in).....	0.0
Trailer Height (ground to top) (ft).....	8.0
Body Width (in).....	96.0
Body Height (ground to top) (ft).....	8.0
Roof Mounted Aero Device (784).....	NO AIR SHIELD OR BRACKETS
Road Surface (AB5). SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE	
Auxiliary Transmission (352).....	NO AUXILIARY TRANSMISSION
High Gear Ratio.....	N/A
Low Gear Ratio.....	N/A
Transfer Case (373).....	NO TRANSFER CASE
High Gear Ratio.....	N/A
Low Gear Ratio.....	N/A

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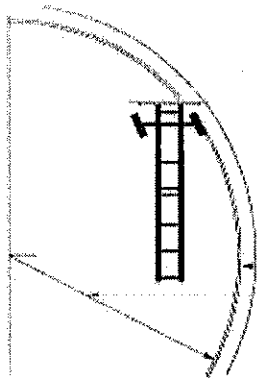
Top Gear Speedability	At Max Power Speed	At Desired Cruise Speed
Top Gear Vehicle Speed (mph)	57.8	63.0
Engine RPM	1900	2070
Gross Power Available (HP)	370	N/A
Power (HP) Required for:		
Level Road	124	148
0.3% Grade	153	180
1.0% Grade	220	253
*Blue background represents value input by user.		

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TURNING RADIUS



Turning radius graphic and data provided strictly for comparisons between model configurations. Weather, road surfaces, and tire treads affect the results. It is strongly suggested that actual vehicles be measured before constructing any roads/driveways using this information. For specific figures regarding your configuration, please contact your CAE representative.

	Dimensions	Tolerance
Wall to Wall Diameter (ft)	74.0	+/- 3.0
Curb to Curb Diameter (ft)	67.9	+/- 3.0
Turning Radius (ft)	33.4	+/- 1.5

VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS

Model.....	114SD
Cab Size (829).....	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Wheelbase (545).....	4725MM (186 INCH) WHEELBASE
Front Tires (093).....	MICHELIN XZU-S2 315/80R22.5 20 PLY RADIAL FRONT TIRES
Width (in).....	12.5
Front Axle (400).....	DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
Kingpin Intersection (in).....	71
Bumper (556).....	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203
Width (in).....	96
Bumper Miter to Front Axle (in).....	72.017
Primary Steering Location (003).....	LH PRIMARY STEERING LOCATION
Steering Gear (536).....	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR
Dual Steering Gear.....	RCH45
Ram.....	NONE
Rear Axle (420).....	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
Axle Spacing (824).....	51 INCH AXLE SPACING

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

Prepared for:
Richard Flynn
City of Waupun
201 East Main Street
Waupun, WI 53963
Phone: 920-324-7900

Prepared by:
Jay Szymanski
TRUCK CTY OF WISCONSIN,
INC.
2401 PROGRESS WAY
KAUKAUNA, WI 541309559
Phone: 920-766-5222

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FRAME RBM

VEHICLE SPECIFICATIONS SUMMARY - FRAME RBM

Wheelbase (545) 4725MM (186 INCH) WHEELBASE
 Frame Rails (546) 1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI(546)
 Yield Strength (psi)..... 120000
 Section Modulus (per rail) (cu in)..... 26.26
 RBM (per rail) (lbf-in)..... 3204000
 Inner Frame Reinforcement (547)PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
 Outer Frame Reinforcement (548) . BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

TABLE SUMMARY - FRAME RBM

Item	Description / Value
Wheelbase	4725MM (186 INCH) WHEELBASE
Frame	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI
Inner Frame Reinforcement	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
Outer Frame Reinforcement	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW
Yield Strength (psi)	120000
Section Modulus - per rail (cu. in.)	26.70
Frame RBM - per rail (lbf-in)	3204000

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

Prepared for:
 Richard Flynn
 City of Waupun
 201 East Main Street
 Waupun, WI 53963
 Phone: 920-324-7900

Prepared by:
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 2401 PROGRESS WAY
 KAUKAUNA, WI 541309559
 Phone: 920-766-5222

Q U O T A T I O N

114SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION RT-46-160 46,000# R-SERIES TANDEM REAR AXLE AIRLINER 46,000# REAR SUSPENSION DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE 23,000# FLAT LEAF FRONT SUSPENSION	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB 4725MM (186 INCH) WHEELBASE 1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI 1775MM (70 INCH) REAR FRAME OVERHANG PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW
--	--

		PER UNIT		TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 100,711	\$	100,711
EXTENDED WARRANTY		\$ 0	\$	0
DEALER INSTALLED OPTIONS		\$ 3,075	\$	3,075
CUSTOMER PRICE BEFORE TAX		\$ 103,786	\$	103,786

TAXES AND FEES

TAXES AND FEES	\$	0	\$	0
OTHER CHARGES	\$	0	\$	0

TRADE-IN

TRADE-IN ALLOWANCE	\$	(0)	\$	(0)
--------------------	----	-----	----	-----

BALANCE DUE		(LOCAL CURRENCY) \$	103,786	\$ 103,786
-------------	--	---------------------	---------	------------

COMMENTS: Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL: Please indicate your acceptance of this quotation by signing below: Customer:

X _____ Date: ___ / ___ / ___.

Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtfoffers.com.

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truck-financial.com.

MAJOR CAPITAL EXPENDITURES/CONSTRUCTION

PROJECT TITLE: Madison St. Reconstruction

PROJECT PRIORITY: 10

PROJECT DESCRIPTION: Reconstruct Madison St. from bridge on N. Madison St. to Doty St.

REASONS FOR IMPROVEMENT: Street is falling, utilities are bad

COST OF PROJECT & BASIS FOR COST ESTIMATE: \$3,900,000 estimates from Gremmer. 750 / lf.

\$2,904,900 (Street Cost)

\$ 995,100 (Storm Water Cost)

SOURCE OF FUNDS: Street Maintenance Capital Outlay

**Madison Street (Doty St - River); City of Waupun
Drainage Estimate (concept)**

Concept Estimate
date 6/6/2018

6	DRAINAGE/STORM SEWER		0.0 % of Items 1 & 3-4	N/A	\$
6.01	Culvert Pipe Class III	LF		\$0.00	\$ -
6.02	Culvert Pipe Class IV	LF		\$0.00	\$ -
6.03	Culvert Pipe Reinforced Concrete 24-inch	LF		\$0.00	\$ -
6.04	Culvert Pipe Reinforced Concrete 30-inch	LF		\$0.00	\$ -
6.05	Culvert Pipe Reinforced Concrete 36-inch	LF		\$0.00	\$ -
6.06	Culvert Pipe Reinforced Concrete 42-inch	LF		\$0.00	\$ -
6.07	Culvert Pipe Reinforced Concrete 48-inch	LF		\$0.00	\$ -
6.08	Culvert Pipe RCHE 29x45-inch	LF		\$0.00	\$ -
6.09	Culvert Pipe RCHE 34x53-inch	LF		\$0.00	\$ -
6.10	Storm Sewer Pipe Reinf Conc 15"	LF	1,700	\$50.00	\$ 85,000
6.11	Storm Sewer Pipe Reinf Conc 18"	LF	990	\$55.00	\$ 54,450
6.12	Storm Sewer Pipe Reinf Conc 21"	LF		\$0.00	\$ -
6.13	Storm Sewer Pipe Reinf Conc 24"	LF	2,155	\$60.00	\$ 129,300
6.14	Storm Sewer Pipe Reinf Conc 27"	LF		\$0.00	\$ -
6.15	Storm Sewer Pipe Reinf Conc 30"	LF	0	\$0.00	\$ -
6.16	Storm Sewer Pipe Reinf Conc 36"	LF	800	\$90.00	\$ 72,000
6.17	Storm Sewer Pipe Reinf Conc 42"	LF		\$0.00	\$ -
6.18	Storm Sewer Pipe Reinf Conc 48"	LF	760	\$145.00	\$ 110,200
6.19	Storm Sewer Pipe Reinf Conc 54"	LF		\$0.00	\$ -
6.20	Storm Sewer Pipe Reinf Conc 60"	LF	840	\$205.00	\$ 172,200
6.21	Concrete Collars	EACH	21	\$525.00	\$ 11,025
6.22	Manholes 4-FT w/ Casting	EACH	21	\$2,200.00	\$ 46,200
6.23	Manholes 5-FT w/ Casting	EACH	5	\$3,200.00	\$ 16,000
6.24	Manholes 6-FT w/ Casting	EACH	0	\$0.00	\$ -
6.25	Manholes 7-FT w/ Casting	EACH	3	\$5,700.00	\$ 17,100
6.26	Manholes 8-FT w/ Casting	EACH	5	\$6,650.00	\$ 33,250
6.27	Inlets w/ Casting	EACH	68	\$1,700.00	\$ 115,600
6.28	Endwalls 60"	EACH	1	\$3,000.00	\$ 3,000
6.29	Culvert Pipe Temporary	LF		\$0.00	\$ -
6.30	Drainage Incidentals	LS	15 % of 6	N/A	\$ 129,799
SUBTOTAL DRAINAGE/STORM SEWER					\$ 995,100

MAJOR CAPITAL EXPENDITURES/CONSTRUCTION

PROJECT TITLE: Medema Field Parking

PROJECT PRIORITY: 6-7

PROJECT DESCRIPTION: Add more parking area along Lincoln St.

REASONS FOR IMPROVEMENT: Parking is limited for ball diamonds.

COST OF PROJECT & BASIS FOR COST ESTIMATE: \$23,900

Blacktop	\$14,000	NEA estimate
Curb	\$ 3,400	MSA estimate
Curb Cut	\$ 4,000	Interstate sawing estimate
Gravel	\$ 2,500	estimated tonnage used

SOURCE OF FUNDS: Street Maintenance Capital Outlay

MAJOR CAPITAL EXPENDITURES/CONSTRUCTION

PROJECT TITLE: Drain tile to improve drainage for baseball complex

PROJECT PRIORITY: 8-9

PROJECT DESCRIPTION: Install drainage pipe for ball complex

REASONS FOR IMPROVEMENT: To improve drainage system at ball complex
Heavy rains and during sprinkling events large pools of water are on the field and killing
the grass. The irrigation system is always under water. This will help it to function better
staying dry.

COST OF PROJECT & BASIS FOR COST ESTIMATE: \$5,531.25

SOURCE OF FUNDS: Buildings & Grounds Capital Outlay

9/16/15

Ball complex drain tile project fall of 2016

rent mini x	\$600
600' of 6" HDP pipe with sock 1.32 per foot total	\$ 792.00
233 ton of 3/4 clear stone 6.25 per ton total	\$ 1,456.25
Hauling of clear stone is 85 per hour its about 11 loads at figuring 3/4 per load total	\$ 700.00
25 ton of granite 60 per ton total	\$1,500
Hauling of granite total	\$ 305.00
2- 6" y's 13.50 each total	\$ 27.00
1- Neenah Foundry casting total	\$ 151.00
	<hr/>
Estimated price	\$ 5,531.25

MAJOR CAPITAL EXPENDITURES/CONSTRUCTION

PROJECT TITLE: Wilcox Park ADA Upgrades 2019

PROJECT PRIORITY: 8

PROJECT DESCRIPTION: Remove existing plumbing fixtures, block wall and install updated plumbing fixtures, new panels. Replace concrete entrance to have a smooth entry into bathrooms.

REASONS FOR IMPROVEMENT: Upgrade bathrooms to ADA requirements.

COST OF PROJECT & BASIS FOR COST ESTIMATE: \$15,005 cost

- \$8,125 (Stobb's Plumbing)
- \$3,880 (Lakeland Door)
- \$3,000 (Concrete work around building)

SOURCE OF FUNDS: Buildings and Grounds Capital Outlay

Stobb Plumbing & Heating Inc.

932 West Main Street
P.O. Box 348
Waupun, WI 53963
920-324-2281

MP # 232323

Estimate

Date	Estimate #
6/12/2018	47

Name / Address
City of Waupun 201 E. Main St. Waupun, WI 53963

Description	
<p>WILCOX PARK - PLUMBING</p> <p>2 AMER.STND 20X18 WHT WALL MOUNT LAVS 2 DELTA 87T104 METERING LAV FAUCET W/GRID STRAINER & TRAP GUARDS 2 AMER. STND 3043.001 WHT ADA TOILETS W/WHT OPEN FRONT SELF SUST. SEATS 1 AMER.STND WHT FLOOR MT URINAL W/STRAINER 1 CHICAGO 732 URINAL FLUSH VALVE 1 ELKAY EDFPBV117C DRINKING FOUNTAIN</p> <p>PRICE INCLUDES ALL MISC. MATERIAL & LABOR NECESSARY TO INSTALL THE ABOVE. ANY PERMITS IF REQUIRED BY OWNER.</p>	8,125.00

ACCEPTANCE OF PROPOSAL: DATE _____ SIGNATURE _____
--

AUTHORIZED SIGNATURE FOR STOBBS PLBG & HTG 
--

Thank you for your business.

We hereby propose to furnish material & labor complete in accordance with the above specs for the sum of the estimate selected.

with payment to be made as job progresses.



4125 S Hwy P
Denmark, WI 54208
Phone: 920-863-3832
Fax: 920-863-3839

Date: 6/18/2018

To: City of Waupun
Project: Wilcox Park
Attn.: Jeff

As per request, here is your quote:

- 2 – stalls solid plastic toilet partitions head rail braced
With full length brackets
- 1 – wall hung privacy screen

Material 2380.00 exempt project

Option

- 2 – steel frames Galv
- 2 – steel doors flush Galv
- 2 – full length hinges
- 2 – 416 heavy duty closer
- 2 – dead stop arms for closers
- 2 – thresholds
- 2 – weather strip
- 2 – door sweeps
- 2 – push pulls
- Owners to supply deadbolts

Material 1500.00 exempt project

Submitted By:

Brian Wavrunek
Lakeland Door Inc
920-863-3832

MAJOR CAPITAL EXPENDITURES/CONSTRUCTION

PROJECT TITLE: Storm Sewer Inspection (Section F)

PROJECT PRIORITY: 8-9

PROJECT DESCRIPTION: Video tape section F of the City storm sewer system.

REASONS FOR IMPROVEMENT: Video taping the storm sewer system has provided a better record of what condition the storm sewer pipe, inlets, and manholes are in. Plus, it has come to our attention that at some locations utilities have damaged/penetrated the storm sewer pipe. Another item that was discovered is some of the storm sewer pipe is full of debris and needed jetting to improve flow.

COST OF PROJECT & BASIS FOR COST ESTIMATE: \$13,360 (Northern Pipe).
Cleaning estimate \$14,028. We only clean as needed (\$225 per hour)

SOURCE OF FUNDS: Stormwater Utility Repair/Maintenance



PROPOSAL

1772 S. VANDENBERG ROAD
 GREEN BAY, WI 54311
 PHONE: 920-655-8049
 FAX: 920-468-7207
 EMAIL: ADAMTIERNEY@NORTHERNPIPEINC.COM

PROJECT: Storm Sewer Televising
 LOCATION: Waupun, WI
 DATE: 18-Jun

TO: Jeff Daane, Director of Public Works
 Waupun, WI

Mobilization of equipment and crew		N/C
Storm sewer cleaning of 33,400'	\$ 0.42 per LF	\$ 14,028.00
Storm sewer televising of 33,400'	\$ 0.40 per LF	\$ 13,360.00
TOTAL		\$ 27,388.00

Notes:

Work schedule shall be set in the best interest of both parties. Currently looking at completing work in January 2019.

Upon completion of the televising the customer will receive a flash drive and hard copy of all data collected.

This proposal serves as an estimate for completion of the work and can be adjusted to take into consideration any unforeseen circumstances that may arise.

IF YOU HAVE ANY QUESTIONS ABOUT THIS PROPOSAL EMAIL TO ADAMTIERNEY@NORTHERNPIPEINC.COM

WE PROPOSE HEREBY TO FURNISH MATERIAL, EQUIPMENT AND LABOR - COMPLETE IN ACCORDANCE WITH THESE SPECIFICATIONS, FOR THE SUM OF:
 DOLLARS (\$) (\$27,388.00)

PAYABLE AS FOLLOWS: INVOICE NET 30 DAYS

AUTHORIZED SIGNATURE :

ALL MATERIAL IS GUARANTEED TO BE SPECIFIED. ALL WORK TO BE COMPLETED IN A WORKMANLIKE MANNER ACCORDING TO STANDARD PRACTICES. ANY ALTERATION OR DEVIATION FROM ABOVE SPECIFICATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS, AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS, OR DELAYS BEYOND OUR CONTROL. OWNER TO CARRY FIRE, TORNADO, AND OTHER NECESSARY INSURANCE. OUR WORKERS ARE FULLY COVERED BY WORKMEN'S COMPENSATION INSURANCE.

Adam Tierney

ADAM TIERNEY, BUSINESS DEVELOPMENT MANAGER

NOTE: THIS PROPOSAL MAY BE WITHDRAWN BY US IF NOT ACCEPTED WITHIN 30 DAYS

ACCEPTANCE OF PROPOSAL - THE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED ABOVE.

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

Jeff Daane

From: Adam Tierney <adamtierney@northernpipeinc.com>
Sent: Monday, June 18, 2018 12:04 PM
To: Jeff Daane
Subject: RE: Northern Pipe, Inc.- proposal attached

Jeff,

To answer your question, yes, the \$.42/per ft. rate is accurate. However, if it's just a portion (or an as needed) we'd most likely switch over to our hourly cleaning rate. Which is \$225/hr. The unfortunate part of that is it's hard to calculate how many hours we'd have into cleaning, if any at all to budget for.

Please let me know if you need anything else.

Adam

From: Jeff Daane <jeff@cityofwaupun.org>
Sent: Monday, June 18, 2018 11:27 AM
To: Adam Tierney <adamtierney@northernpipeinc.com>
Subject: RE: Northern Pipe, Inc.- proposal attached

Adam,

We usually do the cleaning on an as needed basis. If just a portion needs cleaning would that price per LF still be accurate?

Thanks

Jeff Daane
Director of Public Works
City of Waupun
jeff@cityofwaupun.org
Office (920) 324-7918
Cell (920) 210-8200
Fax (920) 324-7939

From: Adam Tierney [<mailto:adamtierney@northernpipeinc.com>]
Sent: Monday, June 18, 2018 10:02 AM
To: Jeff Daane
Subject: RE: Northern Pipe, Inc.- proposal attached

Good morning Jeff,

Please see the attached proposal for the 2019 Storm Sewer Televising.

Let me know if you have any questions.

Have a great week.

Adam

From: Jeff Daane <jeff@cityofwaupun.org>
Sent: Monday, June 11, 2018 9:05 AM
To: Adam Tierney <adamtierney@northernpipeinc.com>
Subject: RE: Northern Pipe, Inc.- proposal attached

Hi Adam,
See attached stormsewer footage for next years budget. Can you get me an quote for budget number for inspection and cleaning if needed.

Thanks

Jeff

From: Adam Tierney [<mailto:adamtierney@northernpipeinc.com>]
Sent: Monday, October 23, 2017 9:03 AM
To: Jeff Daane
Subject: Northern Pipe, Inc.- proposal attached

Good morning Jeff,

Please see the attached proposal for storm sewer televising and cleaning. Let me know if you have any questions upon review.

Looking forward to hearing from you soon. Have a great week.

Thank you.

Adam Tierney | Business Development Manager
Northern Pipe, Inc.
1772 S. Vandenberg Rd. Green Bay, WI 54311
920-655-8049 | adamtierney@northernpipeinc.com



MAJOR CAPITAL EXPENDITURES/CONSTRUCTION

PROJECT TITLE: Seymour St. Extension

PROJECT PRIORITY: 9

PROJECT DESCRIPTION: Extend Seymour Street to the East

REASONS FOR IMPROVEMENT: Need more area for houses in the City

COST OF PROJECT & BASIS FOR COST ESTIMATE: Total \$587,410

(MSA) Construction estimate. \$531,780

\$55,630 engineering contract (MSA)

SOURCE OF FUNDS: TIF 5

FEE SCHEDULE SUMMARY:

Topographic Survey & Base Mapping	\$ 1,720
Engineering Design	\$ 5,650
Project Specifications	\$ 1,730
Project Permitting	\$ 1,580
Bidding Related Services	\$ 1,550
Construction Administration Services	\$ 8,710
=====	
SUBTOTAL	\$ 20,940 (Lump Sum)
Construction Staking Services	\$ 4,360 (Time & Expense)
Construction Observation Services	\$ 30,330 (Time & Expense)
=====	
TOTAL ESTIMATED FEE	\$ 55,630

The retainer amount required is: None

NOTE: The retainer will be applied toward the final invoice on this project.

The schedule to perform the work is:

Once authorization to proceed is provided by a signed agreement, MSA will begin work related to the topographic survey. The preliminary plans are expected to be complete and ready for review by the Owner within 4-6 weeks. Once comprehensive preliminary plan review comments have been received from the Owner, the final plans and bidding documents are anticipated to be completed within 3-4 weeks. After which, project permit submittals and project bidding can begin. The timing of the project permit reviews and approvals are difficult to estimate and could take approximately 4 weeks or more. Bidding and contracting related activities can be started concurrently with permit reviews and are estimated to be completed within 6-10 weeks. The project is assumed to be constructed within the 2018 calendar year.

ESTIMATE OF PROBABLE CONSTRUCTION COST**SEYMOUR STREET UTILITY & ROADWAY EXTENSION PROJECT, CITY OF WAUPUN, WI**

Estimated Length (feet) = 450
 Estimated Width (feet) = 36

Note: This estimate includes the extension of new sanitary sewer, water, and storm sewer utilities along Fraser Lane (from the existing stubs to the Seymour Street intersection) as well as along Seymour Street within the project limits. Also included is the installation of new gravel base, asphalt pavement, curb & gutter, and sidewalk along Seymour Street only (no roadway improvements along Fraser Lane). Assume that the new street is 41 feet wide from back of curb to back of curb (66' wide R/W).

ITEM	EST. QNTY.	UNITS	UNIT PRICE	TOTAL
SANITARY SEWER CONSTRUCTION				
Mobilization/Bonds/Insurance	1	L.S.	\$5,000	\$5,000
Traffic & Erosion Control	1	L.S.	\$1,500	\$1,500
PVC sanitary sewer reconstruction (8" I.D.)	680	L.F.	\$60	\$40,800
Sanitary manhole (4' I.D.)	3	Ea.	\$3,000	\$9,000
Rock Removal	150	C.Y.	\$50	\$7,500
Sanitary service lateral reconstruction (6" I.D.)	9	Ea.	\$2,500	\$22,500
Trucked-in trench backfill	1020	Ton	\$8	\$8,160
Subtotal Sanitary Sewer Construction				\$94,460
Contingency (5%)				\$4,720
Estimated Fee For Design Engineering & Bidding Related Services				\$5,500
Estimated Fee For Construction Engineering Related Services				\$13,000
Total Sanitary Sewer Construction				\$117,680
WATER MAIN CONSTRUCTION				
Mobilization/Bonds/Insurance	1	L.S.	\$5,000	\$5,000
Traffic & Erosion Control	1	L.S.	\$1,500	\$1,500
PVC water main reconstruction (8" I.D.)	700	L.F.	\$60	\$42,000
Fire hydrant assembly (complete)	2	Ea.	\$5,000	\$10,000
Water service lateral reconstruction (1" I.D.)	9	Ea.	\$2,500	\$22,500
Trucked-in trench backfill	790	Ton	\$8	\$6,320
Misc. mainline fittings (cross, tee, etc.)	4	Ea.	\$500	\$2,000
Water valve & road box	4	Ea.	\$2,000	\$8,000
Subtotal Water Main Construction				\$97,320
Contingency (5%)				\$4,870
Estimated Fee For Design Engineering & Bidding Related Services				\$5,500
Estimated Fee For Construction Engineering Related Services				\$13,000
Total Water Main Construction				\$120,690

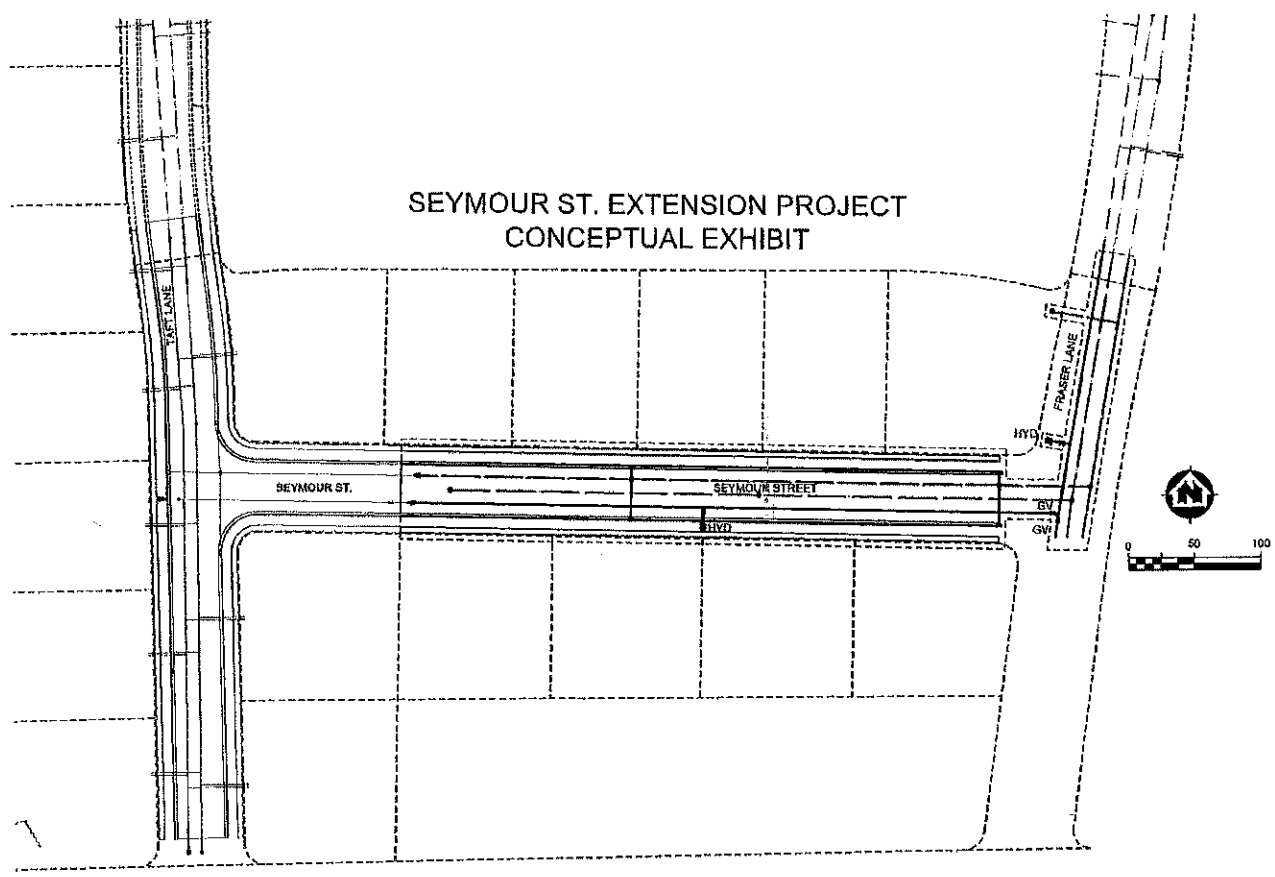
Mobilization/Bonds/Insurance	1 L.S.	\$5,000	\$5,000
Traffic & Erosion Control	1 L.S.	\$1,500	\$1,500
Street inlet w/casting	4 Ea.	\$2,000	\$8,000
Storm manhole w/casting	4 Ea.	\$3,000	\$12,000
Storm lateral pipe (6" HDPE)	600 L.F.	\$30	\$18,000
Storm sewer pipe (12" RCP)	130 L.F.	\$60	\$7,800
Storm sewer pipe (18" RCP)	40 L.F.	\$65	\$2,600
Storm sewer pipe (24" RCP)	520 L.F.	\$70	\$36,400
Trucked-in trench backfill	390 Ton	\$8	\$3,120
Subtotal Storm Sewer Construction			\$94,420
Contingency (5%)			\$4,720
Estimated Fee For Design Engineering & Bidding Related Services			\$5,500
Estimated Fee For Construction Engineering Related Services			\$13,000
Total Storm Sewer Construction			\$117,640

ITEM	EST. QNTY.	UNITS	UNIT PRICE	TOTAL
ROADWAY CONSTRUCTION				
Mobilization/Bonds/Insurance	1 L.S.		\$5,000	\$5,000
Traffic & Erosion Control	1 L.S.		\$1,500	\$1,500
Unclassified excavation & removals	1 L.S.		\$20,000	\$20,000
Over-excavation and sub-base repair with breaker run	700 Ton		\$25	\$17,500
Stabilization fabric for sub-base repair	2370 S.Y.		\$2	\$4,740
Crushed breaker run base course (8" thick)	1980 S.Y.		\$6	\$11,880
Crushed aggregate base course (4" thick)	1980 S.Y.		\$4	\$7,920
Asphaltic binder pavement (2-1/2" thick)	1980 S.Y.		\$9	\$17,820
Asphaltic surface pavement (1-3/4" thick)	1980 S.Y.		\$8	\$15,840
Concrete curb & gutter (30" wide)	950 L.F.		\$12	\$11,400
Concrete sidewalk (4' wide)	3780 S.F.		\$6	\$22,680
Restoration and clean-up	2250 S.Y.		\$6	\$13,500
Subtotal Roadway Construction				\$149,780
Contingency (5%)				\$7,490
Estimated Fee For Design Engineering & Bidding Related Services				\$5,500
Estimated Fee For Construction Engineering Related Services				\$13,000
Total Roadway Construction				\$175,770

TOTAL CONSTRUCTION ESTIMATE FOR PROJECT**\$531,780****General Notes and Assumptions:**

1. The quantities and prices shown above are the best estimate at this time and should be re-computed after a more detailed engineering study is performed and plans are prepared.
2. The costs associated with Utility/City administration, financing, and inflation (due to delayed project phasing) are not included. All costs are assumed to be 2018 construction costs. All engineering fees are estimated based on the assumptions shown and may vary once a defined scope of services is determined.
3. The pipe sizes are estimates, and will require further study to determine the appropriate sizes, types, and configurations.
4. Costs are based upon "normal" construction conditions. There is minimal allowance for rock excavation and for poor sub-soil conditions. There is no allowance for high ground water or any other un-foreseen conditions that would require extra effort from the contractor.
5. This estimate assumes that the project disturbance area will remain below one acre & will not require a SWM plan. Note that the proposed sidewalk improvements may be delayed or constructed separately to keep the project below one acre of disturbance.

SEYMOUR ST. EXTENSION PROJECT CONCEPTUAL EXHIBIT



MAJOR CAPITAL EXPENDITURES/CONSTRUCTION

PROJECT TITLE: Sculpture Treatment

PROJECT PRIORITY: 7-8

PROJECT DESCRIPTION: CO2 Clean, bronze shield lacquer coating. Who Sows, The Pioneers, Doe and Fawn, Dawn of Day

REASONS FOR IMPROVEMENT: The protective coating is gone and they need to be redone.

COST OF PROJECT & BASIS FOR COST ESTIMATE: \$18,000 (estimate from McKay Lodge Fine Arts)

SOURCE OF FUNDS: _____

Jeff Daane

From: Thomas Podnar <tom.mckaylodge@gmail.com>
Sent: Monday, February 06, 2017 1:41 PM
To: Jeff Daane
Subject: Re: Sculpture Treatment

Hi Jeff--

I'm putting together a proposal that would do:

Who Sows Believes in God

The Pioneers

Doe and Faun

Dawn of Day

That is a period of one week of time. It is about a 10 hour drive to Waupun. Driving up to do two days of work is not cost effective. That is why the proposal is for 4 sculptures and will be approximately 17-18,000.00.

Please let me know what you would like to do. I would be happy to discuss this with you.

Best regards, Tom--

On Tue, Jan 24, 2017 at 4:28 PM, Jeff Daane <jeff@cityofwaupun.org> wrote:

Thomas,

If you could put something together for me and maybe keep them separate. I would probably only be able to do one or two at a time. I can maybe budget something for next year.

Thanks

Jeff Daane

Director of Public Works

201 E. Main Street

Waupun, WI 53963

Phone: [920-324-7918](tel:920-324-7918)

Fax: 920-324-7939

Email: jeff@cityofwaupun.org

From: Thomas Podnar [mailto:tom.mckaylodge@gmail.com]
Sent: Tuesday, January 24, 2017 12:41 PM
To: Jeff Daane
Subject: Sculpture Treatment

Hello Jeff--

I have been looking at images of the artworks that I looked at with Dick Flynn when we worked on the End of the Trail sculpture. The following were ones that we had discussed:

Who Sows Believes in God---CO2 clean, BronzeSheild lacquer coating

The Pioneers---CO2 clean, BronzeSheild lacquer coating

Doe & Fawn---CO2 clean, BronzeSheild lacquer coating

Dawn of Day---CO2 clean, BronzeSheild lacquer coating

Other artworks that could be maintained:

The Recording Angel-wash and cold paste wax

The Citadel---Vacuum the interior?

Would you like a proposal prepared for this work?

Thanks, Tom--

--

Thomas J. Podnar
Conservator of Sculpture and Historic Fountains
Metals Specialist

Professional Associate-Peer Reviewed
American Institute for Conservation
of Historic and Artistic Works (AIC)

McKay Lodge Fine Arts Conservation Laboratory
10915 Pyle Road
Oberlin, Ohio 44074 office: 440-774-4215 FAX: 440-775-1368

14 New Websites! start at: mckaylodge.com
MOBILE: [216-650-4710](tel:216-650-4710)

--

Thomas J. Podnar
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14 New Websites! start at: mckaylodge.com
MOBILE: [216-650-4710](tel:216-650-4710)

MAJOR CAPITAL EXPENDITURES/CONSTRUCTION

PROJECT TITLE: Monroe St. Pond

PROJECT PRIORITY: 8-9

PROJECT DESCRIPTION: Dig a stormwater pond near the Mill Pond

REASONS FOR IMPROVEMENT: Work on the City's stormwater quality plan update.
The City works around phosphorus and TMDL requirements.

COST OF PROJECT & BASIS FOR COST ESTIMATE: \$221,570 MSA Storm Water
Quality Plan Update.

Applied for grant for 50% (\$110,785)

SOURCE OF FUNDS: _____

MONROE STREET DETENTION POND

Project Name:
Monroe Street Detention Pond

UNPS&SW Program - Construction Grant Application

Form 8700-299 (R 12/17)

Page 5 of 12

Part II. Competitive Elements

Question 1. Fiscal Accountability

A. Timeline and Source of Staff For each applicable milestone listed below, fill in the appropriate data:

Milestone	Target Completion Date (month/year)	Source(s) of Staff
Completion of design	03/2019	Engineering Consultant
Obtaining required permits	03/2019	Engineering Consultant
Landowner contacts		N/A
Bidding	04/2019	Engineering Consultant and/or City DPW
DNR approvals	04/2019	Engineering Consultant and/or City DPW
Contract signing	05/2019	Engineering Consultant and/or City DPW
BMP construction	09/2019	Contractor
Site inspection and certification	10/2019	Engineering Consultant and/or City DPW
Project evaluation	11/2019	Engineering Consultant and/or City DPW
Purchase street sweeper		N/A
Other (specify)		

B. Financial Budget Table Provide a detailed budget in this table for each of the proposed BMPs and ancillary activities checked in Part I.C. Enter costs for associated Engineering Services (design, construction management and inspection) and Land Acquisition under Project Subtotals. The state share may not exceed 50% of eligible costs. The grant amount is capped at \$150,000 for the installation of eligible BMPs and at \$50,000 for land acquisition.

A Enter detailed construction components for each BMP and ancillary activity checked in Part I.C. for which DNR funding is requested.	B Estimated Total Cost (\$)	C Amount Eligible for DNR Cost Sharing (\$)
Mobilization/Traffic Control/Erosion Control	10,700	10,700
Demolition (incl. misc. clearing/grubbing and storm sewer removal)	6,000	6,000
Common Excavation (estimated 4960 CY @ \$15/CY)	74,400	74,400
Manhole Structures (estimated 2 EA @ \$12,000/EA)	24,000	24,000
Storm Sewer Piping (estimated 160 LF @ \$50/LF)	8,000	8,000
Storm Sewer Endwalls (estimated 2 EA @ \$2000/EA)	4,000	4,000
Topsoil/Seed/Fertilizer/Matting (est. 3480 SY @ \$8/SY)	27,840	27,840
Construction Contingency (25% of sum of above)	38,740	38,740
Project Subtotals		
1. Construction Subtotal:	193,680	193,680
2. Engineering Services	27,890	27,890
3. Construction and Engineering Subtotal (add Rows 1 and 2)	221,570	221,570
4. Land Acquisition (Fee Title and Easement)	0	0
Project Grand Total	221,570	221,570

Cost Sharing Worksheet

Eligible Costs:	Prorate %	Cost-Share %	
5. Construction and Engineering (Row 3 C * Prorate % * 50%)	100 %	50 %	\$ 110,785
6. Land Acquisition (Fee Title or Easement) (Row 4 C * Prorate% * 50%)	100 %	50 %	\$ 0
Cap Test:			
7. Construction and Engineering (Row 5 or \$150,000, whichever is less)			\$ 110,785
8. Land Acquisition (Row 6 or \$50,000, whichever is less)			\$ 0
9. Maximum State Share (sum of Rows 7 + 8)			\$ 110,785
State and Local Share:			
10. Requested State-Share Amount (enter requested grant amount)			\$ 110,785

Table 10 – Summary of Alternative BMP Performance

TMDL Reach	BMP ID ¹	BMP Name	Tributary Area (acres)	Project Type ²	Potential Additional TSS Reduction (tons/yr)	Potential Additional TP Reduction (lb/yr)	Estimated Construction Cost ³	TP Reduction Present Worth ⁴ (\$/lb TP/yr)	Cost Effectiveness Ranking	Recommended	
	2	4	404 S. Watertown Street	13.108	New	0.7	4.1	\$196,585	\$1,052	16	No
	2	5	339 Carrington Street	25.243	New	1.4	7.5	\$137,980	\$411	7	Yes - Low Priority
2027	2	6	235 Fond du Lac Street	49.301	New	1.6	9.3	\$120,430	\$289	3	Yes
2021	2	7	Rounsville Street	77.671	New	5.0	27.2	\$343,610	\$275	2	Yes
	2	9	SE Quadrant Nummerdor Dr. / Madison St.	99.212	New	3.1	18.2	\$396,690	\$472	8	Yes - Low Priority
2019	2	10	Monroe Street South of Harris Mill Pond	99.918	New	7.4	28.3	\$193,680	\$433	1	Yes
2025	2	12	Edgewood Community Church	57.959	New	2.9	18.2	\$325,915	\$389	6	Yes
	2	13	South of Meadow View Circle	7.934	New	0.6	3.4	\$222,315	\$1,415	18	No
	2	14	Meadow View Heights Park	20.509	New	0.9	5.8	\$201,805	\$759	15	Yes - Low Priority
2023	2	15	295 Harmsen Avenue	33.749	New	1.6	9.1	\$155,495	\$389	5	Yes
	2	16	220 Branden Street	11.931	New	1.0	5.1	\$153,560	\$665	13	Yes - Low Priority
	2	17	Beaver Dam Street	22.855	New	1.0	5.5	\$138,230	\$560	12	Yes - Low Priority
	2	19	Farmland - West of Lincoln Street	68.871	New	4.0	27.4	\$672,800	\$528	10	Yes - Low Priority
	2	20	912 Cardinal Court	21.708	New	0.8	4.5	\$231,965	\$1,115	17	No
	3	2	Farmland - East of US151, North of Wilcox	80.952	New	4.2	19.9	\$468,090	\$508	9	Yes - Low Priority
	3	3	103 Gateway Drive	9.397	Retrofit	1.5	5.5	\$171,060	\$686	14	Yes - Low Priority
	4	1	Claggett Pond	362.56	New	40.1	166.8	\$3,070,750	\$379	4	Yes
	4	21	Claggett Pond South	142.555	New	6.6	47.8	\$1,224,060	\$543	11	Special ⁵

1. Ponds #8 and #18 eliminated from consideration by City staff. Pond #11 eliminated because of very low trapping efficiency
 2. New² involves construction of a new wet detention pond. 'Retrofit' includes conversion of pond to wet detention pond and reconstruction of pond outlet
 3. Construction Costs do not include Engineering, GIS & Geotechnical Investigation
 4. Values estimated assuming 20-yr life span; 3% interest rate and average annual maintenance costs equal to 5% of construction. Additional data included in Appendix G
 5. Only recommended if the City wishes to establish a trade with downstream regulated entities.

MAJOR CAPITAL EXPENDITURES/CONSTRUCTION

PROJECT TITLE: Park bathroom automatic door locks

PROJECT PRIORITY: 7-8

PROJECT DESCRIPTION: Install automatic door locks at parks and ball fields. They are set to a timer to open at 6 am and lock at 10 pm. There is also a battery back-up

REASONS FOR IMPROVEMENT: The Police Department currently opens and locks the bathrooms on the weekends. They also lock them every week night. Some weekends when the Police are on a call the bathrooms may not get opened for a rental. We have had this happen a few times this year again. Cost Savings.

COST OF PROJECT & BASIS FOR COST ESTIMATE: \$20,000.

\$18,500 (Gappa Security)

\$1,500 If we have to do some electrical work like move an outlet.

SOURCE OF FUNDS: BGMS Capital Outlay



317 E. Main Street
Waupun, WI 53963

Proposal

Date	Proposal #
6/29/2018	11053

Name / Address:

Waupun, City of
Jeff Daane
201 E. Main Street
Waupun, WI 53963

Project / Entered By	Terms	Rep
Baseball Complex/AK	25% Down, N30 Progressing	GS

Item	Description	Qty	Cost	Total
	BASEBALL COMPLEX BATHROOMS:			
	HIGH SCHOOL CONCESSIONS BATHROOMS: (Tech Note: Concrete-filled frame, S1 strikes in frame now. 10 feet of wire mould will be necessary.)			
MBT-SCH-3-S-626	Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chrome Finish	2	35.00	70.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	2	131.00	262.00
PPS P3DCAXS-50L-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00
Back Up Battery 4AH	Back - Up Battery	2	12.75	25.50
SEC DT-7	Securitron - Timer 7-Day Digital, 12 Events Per Day, First Man in Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	25	0.22	5.50
Miscellaneous Materials			20.00	20.00
	GARAGE BATHROOMS: (Tech Note: Concrete filled-frames. S1 strikes in frame now. 10 feet of wire mould will be necessary.)			
MBT-SCH-3-K-626	Grade-One Tubular Deadbolt, Schlage C, K Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MB1S-3-05-15-626-S1	Grade-One 15 Lever Lockset, Storeroom Function, 2-3/4" Backset, Brushed Chrome Finish, ANSI Strike, [Non-I/C Prep for Keying]	2	224.00	448.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	2	131.00	262.00
PPS P3DCAXS-50L-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00

Call with any additional questions!

Total

Phone #	Fax #	E-mail	Web Site
920-324-2260	888-558-0458	orders@gappasecuritysolutions.com	www.gappasecuritysolutions.com



317 E. Main Street
Waupun, WI 53963

Proposal

Date	Proposal #
6/29/2018	11053

Name / Address:

Waupun, City of
Jeff Daane
201 E. Main Street
Waupun, WI 53963

Project / Entered By	Terms	Rep
Baseball Complex/AK	25% Down, N30 Progressing	GS

Item	Description	Qty	Cost	Total
Back Up Battery 4AH SEC DT-7	Back - Up Battery	2	12.75	25.50
	SecurIron - Timer 7-Day Digital, 12 Events Per Day, First Man in Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	20	0.22	4.40
Miscellaneous Materials			20.00	20.00
	LITTLE LEAGUE BATHROOMS: (Tech Note: Concrete-filled frames. S2 strikes in frame now. 10 feet of wire mould will be necessary.)			
MBT-SCH-3-S-626	Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chrome Finish	2	35.00	70.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	2	131.00	262.00
PPS P30CAXS-50L-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00
Back Up Battery 4AH SEC DT-7	Back - Up Battery	2	12.75	25.50
	SecurIron - Timer 7-Day Digital, 12 Events Per Day, First Man in Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	50	0.22	11.00
Miscellaneous Materials			20.00	20.00
Installation			2,300.00	2,300.00
	Work Done by Others: 1. City of Waupun will need to supply Electrical Power to each of the Power Supplies noted above. TERMS: 25% Due Upon Receipt of Order, Net 30 Progressing Billing for Remainder.			

Call with any additional questions!

Total

Phone #	Fax #	E-mail	Web Site
920-324-2260	888-558-0458	orders@gappasecuritysolutions.com	www.gappasecuritysolutions.com



317 E. Main Street
Waupun, WI 53983

Proposal

Date	Proposal #
6/29/2018	11053

Name / Address:

Waupun, City of
Jeff Daane
201 E. Main Street
Waupun, WI 53963

Project / Entered By	Terms	Rep
Baseball Complex/AK	25% Down, N30 Progressing	GS

Item	Description	Qty	Cost	Total
	WI Sales Tax-Exempt		0.00%	0.00

Call with any additional questions!

- *Quote is Good for 60 Days from Above Proposal Date*
- *All Quoted Prices Subject to Correction for Clerical Error*
- *Credit Card purchases will be assessed an additional 3% credit card fee*
- *For Warranty Information Please See Our Website*

Total	\$5,485.90
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Phone #	Fax #	E-mail	Web Site
920-324-2260	888-558-0458	orders@gappasecuritysolutions.com	www.gappasecuritysolutions.com



317 E. Main Street
Waupun, WI 53963

Proposal

Date	Proposal #
6/29/2018	11054

Name / Address:

Waupun, City of
Jeff Daane
201 E. Main Street
Waupun, WI 53963

Project / Entered By	Terms	Rep
Medema Field/AK	Due on receipt	GS

Item	Description	Qty	Cost	Total
	MEDEMA FIELD BATHROOMS: (Tech Note: Concrete-filled frame, S2 strikes in frame now. 10 feet of wire mould will be necessary.)			
MBT-SCH-3-S-626	Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chrome Finish	2	35.00	70.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latches.	2	131.00	262.00
	Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware			
PPS P3DCAXS-50L-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00
Back Up Battery 4AH	Back - Up Battery	2	12.75	25.50
SEC DT-7	Securitron - Timer 7-Day Digital, 12 Events Per Day, First Man in Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	40	0.22	8.80
Miscellaneous Materials			20.00	20.00
Installation			800.00	800.00
	Work Done by Others: 1. City of Waupun will need to supply Electrical Power to the Power Supply noted above. WI Sales Tax-Exempt		0.00%	0.00

Call with any additional questions!

- *Quote is Good for 60 Days from Above Proposal Date*
- *All Quoted Prices Subject to Correction for Clerical Error*
- *Credit Card purchases will be assessed an additional 3% credit card fee*
- *For Warranty Information Please See Our Website*

Total	\$1,737.80
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Phone #	Fax #	E-mail	Web Site
920-324-2260	888-558-0458	orders@gappasecuritysolutions.com	www.gappasecuritysolutions.com



317 E. Main Street
Waupun, WI 53963

Proposal

Date	Proposal #
6/29/2018	11055

Name / Address:

Waupun, City of
Jeff Daane
201 E. Main Street
Waupun, WI 53963

Project / Entered By	Terms	Rep
Schleve Field/AK	Due on receipt	GS

Item	Description	Qty	Cost	Total
	SCHLEVE FIELD BATHROOMS: (Tech Note: Concrete-filled frame, S1 strikes in frame now. 10 feet of wire mould will be necessary.)			
MBT-SCH-3-S-626	Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chrome Finish	2	35.00	70.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	2	131.00	262.00
PPS P3DCAXS-50L-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00
Back Up Battery 4AH	Back - Up Battery	2	12.75	25.50
SEC DT-7	Securiton - Timer 7-Day Digital, 12 Events Per Day, First Man in Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	40	0.22	8.80
Miscellaneous Materials			20.00	20.00
Installation			800.00	800.00
	Work Done by Others: 1. City of Waupun will need to supply Electrical Power to the Power Supply noted above. WI Sales Tax-Exempt		0.00%	0.00

Call with any additional questions!

- *Quote is Good for 60 Days from Above Proposal Date*
- *All Quoted Prices Subject to Correction for Clerical Error*
- *Credit Card purchases will be assessed an additional 3% credit card fee*
- *For Warranty Information Please See Our Website*

Total	\$1,737.80
--------------	-------------------

Phone #	Fax #	E-mail	Web Site
920-324-2260	888-558-0458	orders@gappasecuritysolutions.com	www.gappasecuritysolutions.com



317 E. Main Street
 Waupun, WI 53963

Proposal

Date	Proposal #
6/8/2018	10875

Name / Address:

Waupun, City of
 Jeff Daane
 201 E. Main Street
 Waupun, WI 53963

Project / Entered By	Terms	Rep
Bathroom Project/CG	25% Down, N30 Progressing	GS

Item	Description	Qty	Cost	Total
	UPDATED from Proposal 10722 BATHROOM PROJECT:			
	ZOELLNER PARK - Newton Street: (Tech Notes: Filled Frames. Has S1 Strike. 20 feet of wire mould will be necessary.)			
MBT-SCH-3-S-626	Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	1	86.00	86.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chroma Finish	1	35.00	35.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	1	131.00	131.00
PPS P3DCAXS-5OL-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00
Back Up Battery 4AH	Back - Up Battery	2	12.75	25.50
SEC DT-7	SecurITron - Timer 7-Day Digital, 12 Events Per Day, First Man In Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	30	0.22	6.60
Miscellaneous Materials			40.00	40.00
	WEST END PARK - Beaver Dam and Brown St. by Hospital: (Tech Notes: Hollow Frame. Has S2 Strike. 10 feet of wire mould will be necessary)			
MBT-SCH-3-S-626	Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chrome Finish	2	35.00	70.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	2	131.00	262.00
PPS P3DCAXS-5OL-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00

Call with any additional questions!

Total

Phone #	Fax #	E-mail	Web Site
920-324-2260	888-558-0458	orders@gappasecuritysolutions.com	www.gappasecuritysolutions.com



317 E. Main Street
 Waupun, WI 53963

Proposal

Date	Proposal #
6/8/2018	10875

Name / Address:

Waupun, City of
 Jeff Daane
 201 E. Main Street
 Waupun, WI 53963

Project / Entered By	Terms	Rep
Bathroom Project/CG	25% Down, N30 Progressing	GS

Item	Description	Qty	Cost	Total
Back Up Battery 4AH SEC DT-7	Back - Up Battery	2	12.75	25.50
	SecurITron - Timer 7-Day Digital, 12 Events Per Day, First Man in Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	50	0.22	11.00
Miscellaneous Materials			20.00	20.00
MBT-SCH-3-S-626	DODGE PARK - Lincoln and Cochran St: (Tech Notes: Hollow Frame. Has S2 Strike. 10 feet of wire mould will be necessary. Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chrome Finish	2	35.00	70.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	2	131.00	262.00
PPS P3DCAXS-5OL-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00
Back Up Battery 4AH SEC DT-7	Back - Up Battery	2	12.75	25.50
	SecurITron - Timer 7-Day Digital, 12 Events Per Day, First Man in Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	50	0.22	11.00
Miscellaneous Materials			20.00	20.00
MBT-SCH-3-S-626	WILCOX PARK - Off of Lincoln and Watertown St: (Tech Note: Filled Frame. Has S2 Strike. 20 feet of wire mould will be necessary.) Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chrome Finish	2	35.00	70.00

Call with any additional questions!

Total

Phone #	Fax #	E-mail	Web Site
920-324-2260	888-558-0458	orders@gappasecuritysolutions.com	www.gappasecuritysolutions.com



317 E. Main Street
Waupun, WI 53963

Proposal

Date	Proposal #
6/8/2018	10875

Name / Address:

Waupun, City of
Jeff Daane
201 E. Main Street
Waupun, WI 53963

Project / Entered By	Terms	Rep
Bathroom Project/CG	25% Down, N30 Progressing	GS

Item	Description	Qty	Cost	Total
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	2	131.00	262.00
PPS P3DCAXS-50L-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00
Back Up Battery 4AH	Back - Up Battery	2	12.75	25.50
SEC DT-7	Securitron - Timer 7-Day Digital, 12 Events Per Day, First Man in Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	50	0.22	11.00
Miscellaneous Materials			40.00	40.00
	MCCUNE PARK: (Tech Note: Filled Frame. Has S2 Strike. 20 feet of wire mould will be necessary.)			
MBT-SCH-3-S-626	Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chrome Finish	2	35.00	70.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	2	131.00	262.00
PPS P3DCAXS-50L-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00
Back Up Battery 4AH	Back - Up Battery	2	12.75	25.50
SEC DT-7	Securitron - Timer 7-Day Digital, 12 Events Per Day, First Man in Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (foot)	18 Gauge 2 Conductor Shielded Plenum Wire, Orange Stripe (by the foot) (For Communication)	50	0.22	11.00
Miscellaneous Materials			40.00	40.00
	HARRIS MILL PARK - Monroe and Forest St: (Tech Note: Filled Frame. Has S2 Strike. 10 feet of wire mould will be necessary.)			

Call with any additional questions!

Total

Phone #	Fax #	E-mail	Web Site
920-324-2260	888-558-0458	orders@gappasecuritysolutions.com	www.gappasecuritysolutions.com



317 E. Main Street
Waupun, WI 53963

Proposal

Date	Proposal #
6/8/2018	10875

Name / Address:

Waupun, City of
Jeff Daane
201 E. Main Street
Waupun, WI 53963

Project / Entered By	Terms	Rep
Bathroom Project/CG	25% Down, N30 Progressing	GS

Item	Description	Qty	Cost	Total
MBT-SCH-3-S-626	Grade-One Tubular Deadbolt, Schlage C, Classroom Function, 2-3/4" Backset, Brushed Chrome Finish	2	86.00	172.00
MBT-2-3/4-DL-626	G-1 Deadlatch Tube Assy, 2-3/4" Backset, Brushed Chrome Finish	2	35.00	70.00
HE-5000C	HES - 5000 Accommodates low profile openings & 1/2"-5/8" latchbolts. Includes 5000 electric strike body, 501 & 501A faceplates (4-7/8" x 1-1/4") and mounting hardware	2	131.00	262.00
PPS P3DCAXS-50L-DB4	Preferred Power Supply, 5 Amp, 4 Output, 12/24Vdc Battery	1	210.00	210.00
Back Up Battery 4AH	Back - Up Battery	2	12.75	25.50
SEC DT-7	Securitron - Timer 7-Day Digital, 12 Events Per Day, First Man In Feature, 12/24VAC/DC	1	169.50	169.50
WC 442324-S (fool)	18 Gauge 2 Conductor Shielded Plenum Wlre. Orange Stripe (by the fool) (For Communication)	50	0.22	11.00
Miscellaneous Materials			20.00	20.00
Installation			4,095.00	4,095.00
	Work Done by Others: 1. City of Waupun will need to supply Electrical Power to each of the Power Supplies noted above. There will be one needed at each Park.			
	TERMS: 25% Due Upon Receipt of Order, Net 30 Progressing Billing for Remainder. WI Sales Tax-Exempt		0.00%	0.00

Call with any additional questions!

- *Quote is Good for 60 Days from Above Proposal Date*
- *All Quoted Prices Subject to Correction for Clerical Error*
- *Credit Card purchases will be assessed an additional 3% credit card fee*
- *For Warranty Information Please See Our Website*

Total	\$9,538.60
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Phone #	Fax #	E-mail	Web Site
920-324-2260	888-558-0458	orders@gappasecuritysolutions.com	www.gappasecuritysolutions.com

Jeff Daane

From: Scott Loudon <scott@waupunpd.org>
Sent: Monday, June 11, 2018 2:48 PM
To: Jeff Daane
Subject: FW: Park Bathrooms

Chief Scott Loudon
Waupun Police Department
16 E. Main Street
Waupun WI, 53963
(920) 324-7911

From: Brad Brzezinski
Sent: Monday, June 11, 2018 1:03 PM
To: Scott Loudon
Subject: RE: Park Bathrooms

Each week day officers spend ½ hr total locking bathrooms and 1 hr total on each weekend/holiday day when they unlock as well. That totals 4.5 hrs. total each week not including holidays. At the current rate a police officer makes 29.70 per hour, not including benefits, it comes to:

\$133.65 weekly
\$534.60 monthly
\$6,415.20 yearly

Lt. Brad Brzezinski #382
Waupun Police Department
16 E Main St. Waupun, WI 53963
Office: (920) 324-7911
Fax: (920) 324-7902
bradb@waupunpd.org

From: Scott Loudon
Sent: Monday, June 11, 2018 6:17 AM
To: Brad Brzezinski <bradb@waupunpd.org>
Subject: FW: Park Bathrooms

Can you put something together for this.

Chief Scott Loudon
Waupun Police Department
16 E. Main Street
Waupun WI, 53963
(920) 324-7911

From: Jeff Daane [<mailto:jeff@cityofwaupun.org>]
Sent: Thursday, June 07, 2018 10:59 AM

SAMPLE RESOLUTION – MUNICIPAL-WIDE PROGRAM

**Resolution No. [x]
Implementing Municipal-Wide Energy Management Policy**

WHEREAS, the [City/Village/Town of _____ and Utility name] is committed to being an environmentally responsible community and municipally owned and operated utility dedicated to improving global and local quality of life through active environmental stewardship; and

WHEREAS, it is more cost-effective to use less electricity and natural gas than it is to generate and/or purchase electricity and natural gas for the operation of [City/Village/Town] and [Utility name] facilities; and

WHEREAS, [Utility name] and WPPI Energy have developed and implemented mutually beneficial energy efficiency, conservation and renewable energy programs, projects and educational activities designed to increase community energy efficiency, promote clean air and water and reduce waste; and

WHEREAS, [Utility name] already promotes these initiatives through its Commitment to Community programs and partnership with WPPI Energy and Focus on Energy; and

WHEREAS, implementing a municipal-wide energy management policy will require that the [City/Village/Town of _____ and Utility name] make a commitment of financial and human resources toward initiatives that save energy and money for the long-term.

NOW, THEREFORE, BE IT RESOLVED, that the [City/Village/Town of _____ and Utility name] will set a goal to curb use of electricity, natural gas and water in municipal facilities by [xx]% from levels measured in [year] within [specify timeframe].

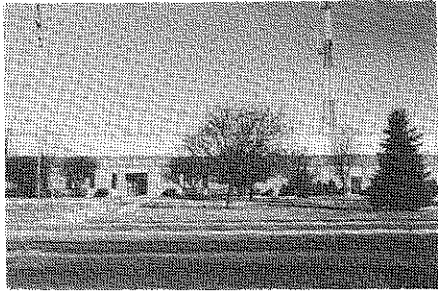
BE IT FURTHER RESOLVED, that the [City/Village/Town of _____ and Utility name] will demonstrate the effectiveness of energy efficiency, conservation and renewable resource development and further seek to instill a strong conservation ethic within the community that will help establish the [city/village/town] as a leader in these areas.

Passed and adopted this [date].

[Name], [Position]

ATTEST:

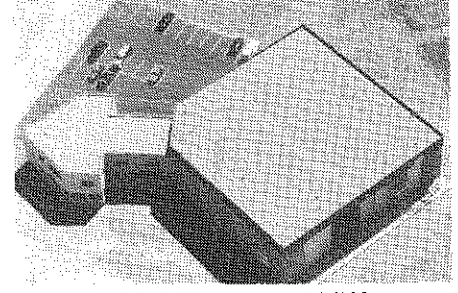
[Name], [Position]



HIGHWAY DEPARTMENT

DODGE COUNTY HIGHWAY COMMISSION

211 East Center Street
Juneau WI 53039-1309
(920) 386-3650 (phone)
(920) 386-3525 (fax)



AIRPORT TERMINAL BUILDING

July 31, 2018

COMMISSIONER

Brian Field
bfield@co.dodge.wi.us

**DODGE COUNTY
HIGHWAY
COMMITTEE**

Jeffrey Caine,
Chair
Jeff Berres
Richard W. Fink
David Frohling
William T. Muche

**ASSISTANT
COMMISSIONER**

Peter L. Thompson
pthompson@co.dodge.wi.us

**PATROL
SUPERINTENDENTS**

Nate Minnig
nminnig@co.dodge.wi.us

Joseph Lechner
jlechner@co.dodge.wi.us

**SHOP
SUPERINTENDENT**

John Haase
jhaase@co.dodge.wi.us

**OPERATIONS
SUPERINTENDENT**

Steve Pett
spett@co.dodge.wi.us

OFFICE MANAGER

Lori M. Felt
lfelt@co.dodge.wi.us

City of Waupun
Board of Public Works
201 E. Main Street
Waupun, WI 53963

Attn: Pete Kaczmarek, President

Re: CTH M paving request

Dear Pete:

I have received your request for us to repave part of CTH M/S. Madison Street in conjunction with your reconstruction project next year.

After my review of this section, I believe milling 2" of pavement off and paving 2" of new pavement will suffice. Also, any damaged curb and gutter will need to be removed and replaced.

Most of our department's work is dictated and governed by state statutes. In this specific instance, Section 83.05 applies (copy included).

In general terms, our cost responsibility is the center 22 feet of pavement. This section of CTH M is 44 feet between the curb flanges. Beyond 22 feet, the cost responsibility falls to the underlying municipalities—being both the Town of Chester for the majority and City of Waupun for the area of the railroad tracks.

This cost share statute has been used throughout the county on various projects and has to be applied uniformly.

Based on this information, I ask you to contact the town to see if they wish to participate.

I believe our budget would be able to absorb this cost if Waupun and Chester are willing partners.

Let me know when you have confirmation of cost participation.

Sincerely,

DODGE COUNTY HIGHWAY COMMISSION

Peter Thompson
Assistant Commissioner

Any person who violates this provision may be fined not more than \$100 or imprisoned not more than 30 days or both.

(13) **VACATING.** A controlled-access highway shall remain such until vacated by order of the county board. The discontinuance of all county trunk highway routings over a highway established as a controlled-access highway shall summarily vacate the controlled-access status of such section of highway only after a traffic engineer survey investigation and study finds, determines and declares that the vacating of the controlled-access status is in the public interest. Such vacating shall not be effected until after a public hearing is held in the county courthouse or other convenient place within the county, following notice by publication as provided in sub. (1). The county board shall record formal notice of any vacation of a controlled-access highway with the register of deeds of the county wherein such highway lies.

History: 1971 c. 186; 1977 c. 29 s. 1654 (8) (c); 1985 a. 223 s. 5; 1993 a. 246, 490. This section must be satisfied to create a controlled-access highway. However, a county may adopt an ordinance to control driveway access from private property to a public thoroughfare without creating a controlled-access highway. *Mommsen v. Schueller*, 228 Wis. 2d 627, 599 N.W.2d 21 (Ct. App. 1999), 98-3095.

83.03 County aid; local levy; donations. (1) The county board may construct or improve or repair or aid in constructing or improving or repairing any highway or bridge in the county.

(2) If any county board determines to improve any portion of a county trunk highway with county funds, it may assess not more than 40 percent of the cost of the improvement but not over \$1,000 in any year against the town, village or city in which the improvement is located as a special tax. The county clerk shall certify the tax to the town, village or city clerk who shall put the same in the next tax roll, and it shall be collected and paid into the county treasury as other county taxes are levied, collected and paid. A portion or all of such special assessment may be paid by donation.

(3) The county board may accept donations to the county of money or lands for highway or bridge purposes, and apply the donations in accordance with the wishes of the donor as nearly as is practicable.

(4) Any county may, by any lawful means, provide funds to match or supplement state or federal aid for the construction, reconstruction or improvement, under ch. 84, of any highway, street or bridge which it is authorized to construct, reconstruct or improve, and to pay such funds to the department or state treasury as provided in s. 84.03 (1) (b).

History: 1977 c. 29 s. 1654 (8) (c); 1985 a. 29; 1985 a. 223 s. 5.

Sub. (2) prohibits a county from imposing upon municipalities to share the cost of county road and bridge repair; it does not release a municipality from a voluntary agreement to contribute. *Fond du Lac County v. Town of Rosendale*, 149 Wis. 2d 326, 440 N.W.2d 818 (Ct. App. 1989).

A county board in a county with a county executive cannot enact an ordinance precluding the highway commissioner from determining that the county highway department will perform any of the work on any joint county highway project under ss. 83.03 and 83.035 if a contracting local municipality requests that all of the work on the project be competitively bid and let to private companies. OAG 2-11.

83.035 Streets and highways, construction. Any county board may provide by ordinance that the county may, through its highway committee or other designated county official or officials, enter into contracts with cities, villages and towns within the county borders to enable the county to construct and maintain streets and highways in such municipalities.

Counties may charge 1 percent of a project cost administrative fee for work done on municipal roads. 63 Atty. Gen. 321.

Projects involving county highway contracts entered into by the county highway committee or the county highway commissioner under ss. 83.035 and 83.04 (1) are exempt from county competitive bidding requirements. OAG 5-09.

A county board in a county with a county executive cannot enact an ordinance precluding the highway commissioner from determining that the county highway department will perform any of the work on any joint county highway project under ss. 83.03 and 83.035 if a contracting local municipality requests that all of the work on the project be competitively bid and let to private companies. OAG 2-11.

83.04 Highway construction by county; noncontract work; payments. (1) All highway improvements made by the county highway committee shall be by contract, unless the committee determines that some other method would better serve the

public interest. The manner of advertising for bids and the forms of bids, contracts and bonds shall be substantially those used by the department. In letting a contract the county highway committee acts for the county.

(2) If it is deemed inadvisable to let a contract for highway construction, the county highway committee may direct the county highway commissioner to proceed with the construction as noncontract work, and the commissioner may, under the supervision of the committee, employ and purchase the necessary labor and materials.

(3) During construction the work and materials shall be inspected by the county highway commissioner or by inspectors employed by the commissioner with the approval of the county highway committee. Upon the completion of any highway job by or for the county on the county aid system or for which county aid has been granted the work shall be inspected by the county highway commissioner, and if found in conformity with plans and specifications, the commissioner shall so find and notify the county highway committee and the county clerk thereof and that the improvement has been accepted.

(4) Upon contract construction final payment shall not be made until the work has been accepted as complete by the county highway commissioner. In case of noncontract work payment shall be made monthly upon verified, detailed, statements and payrolls prepared by the county highway commissioner and approved and allowed by the county highway committee, and all payments shall be made by orders on the county treasurer in the ordinary form signed by the chairperson of the county board and the county clerk, unless the county has adopted some different method of making disbursements, in which event it shall be according to such method and all orders shall be drawn upon and paid out of the fund provided for such construction. Said statements and payrolls shall be filed with the county clerk.

(5) When final payment has been made upon any highway improvement, any funds remaining in the county treasurer's hands which were provided by any subdivision of the county for that particular improvement, shall be placed together with the county's balance available for that job to the credit of such subdivision of the county, and shall be used to increase the funds available for the next construction job in said subdivision, and any such balance in the bridge fund may be transferred to the road fund or vice versa by the town or village board with the approval of the county highway committee.

(6) No order shall be drawn on the county road or bridge fund in excess of the funds available for the particular improvement for which drawn, without the authority of the county board or the county highway committee.

History: 1977 c. 29 s. 1654 (8) (c); 1983 a. 192 s. 303 (2); 1985 a. 223 s. 5; 1991 a. 316.

Projects involving county highway contracts entered into by the county highway committee or the county highway commissioner under ss. 83.035 and 83.04 (1) are exempt from county competitive bidding requirements. OAG 5-09.

83.05 Improving streets over 18 feet wide. (1) When a portion of the system of county aid highways in any city is to be improved, and the funds from the city and county are available therefor, the city may determine that the roadways shall be paved to a greater width than 18 feet. If it so decides, the city may determine the type of improvement, the width, and all other features of the construction, subject to the approval of the county highway committee. And said committee shall fix the amount per linear foot of the improvement to be paid by the county. The city shall then improve the street in the manner provided generally for making street improvements. The work shall be done under the supervision of the city, but subject to the inspection of the county highway commissioner.

(2) Upon the completion of the work the county's share of the cost shall be paid to the contractor as though the county had been an immediate party to the contract. Unless specifically authorized by the county, the payment by the county shall not exceed the cost

83.05 COUNTY HIGHWAYS

Updated 15–16 Wis. Stats. 6

of 22 feet of the width of the pavement, as well as a portion of the costs of grading, draining, and appertaining structures. The balance of the expense of the improvement shall be borne by the city, and shall be provided in the manner in which expense of street improvement is ordinarily met. Assessments of benefits may be made by the city against abutting property in the manner provided where the improvement is done solely at the expense of the city, but such assessments of benefits shall not exceed the difference between the cost of the improvement and the amount contributed thereto by the county.

(3) The provisions of subs. (1) and (2) shall apply to villages and towns subject to the approval of the county board.

History: 1993 a. 246, 248.

83.06 Maintenance of county aid highways. All streets and highways improved with county aid under this chapter shall be maintained by the towns, cities and villages in which they lie but this provision shall not diminish or otherwise affect the duty of the county with respect to any street or highway which is a portion of the county trunk highway system, nor the powers of the county conferred by s. 83.03 (1) and (2) or s. 83.035.

83.065 County road and bridge fund; tax levy. The county board shall annually levy a tax of not more than 2 mills on the dollar, in addition to all other taxes, and the proceeds shall be known as the "County Road and Bridge Fund". Expenditures from said fund shall be made only for the purposes of constructing and maintaining highways and bridges under this chapter and for purchasing, operating, renting and repairing machinery, quarries and gravel pits used in such construction and maintenance.

83.07 Acquisition of lands, quarries, gravel pits; relocation; eminent domain. (1) The county highway committee or town board may acquire any lands or interest therein needed to carry out the provisions of this chapter. Whenever the county highway committee or town board is unable to acquire the same by purchase at a reasonable price such property may be acquired by condemnation under ch. 32.

(1a) The county highway committee or town board may purchase or accept donations of remnants of tracts or parcels of land remaining at the time or after it has acquired portions of the tracts or parcels by purchase or condemnation where in the judgment of the county highway committee or town board the acquisition of the remnant would assist in rendering just compensation to a landowner, a part of whose lands have been taken for highway purposes, and would serve to minimize the overall cost of the taking by the public.

(2) In case the county highway committee or town board deems it desirable to acquire any lands or the right to take stone, gravel, clay or other material, from private lands for use in the execution of the committee's or board's duty, or to acquire the right of access to any lands, or the right of drainage across any lands, the committee or board may purchase or condemn such lands or right and take title thereto in the name of the county or town, and the cost thereof shall be paid out of the highway improvement funds.

(3) When lands are acquired under this section to relocate or straighten any highway or to provide easier curves at highway intersections, and tracts not more than 2 acres in area remain separated from the main body of land from which they are acquired, the county highway committee or town board may, if it deems the acquisition of such minor tracts advisable or necessary to beautify the highway or to protect public travel, acquire such minor tracts in the name of the county or the town. Tracts in excess of 2 acres of like character may be acquired by agreement.

(4) In case the county highway committee or the town board is unable to acquire needed lands or rights by contract, such com-

mittee or board may acquire the same in the name of the county or town by eminent domain, as provided in ch. 32.

History: 1997 a. 253.

83.08 Acquisition of lands and interest therein. (1) (a) The county highway committee may acquire by gift, devise, purchase or condemnation any lands or interests in lands for the improvement, maintenance, relocation or change of any county aid or other highway or street or any bridge on a county aid or other highway or street that the county is empowered to improve or aid in improving or to maintain. The county highway committee may purchase or accept donations of remnants of tracts or parcels of land remaining at the time or after it has acquired portions of those tracts or parcels by purchase or condemnation where in the judgment of the committee the acquisition of the remnant would assist in rendering just compensation to a landowner, a part of whose lands have been taken for highway purposes, and would serve to minimize the overall cost of the taking by the public.

(b) Whenever the county highway committee considers it necessary to acquire any lands or interests in land for any purpose described in par. (a), it shall so order. The order or a separate map or plat shall show the old and new locations and the lands or interests required. The committee shall file a copy of the order and map with the county clerk or, in lieu of filing a copy of the order and map, may file or record a plat in accordance with s. 84.095. The committee shall attempt to obtain easements or title in fee simple by conveyance of the lands or interests required, at a price, including damages, considered reasonable by the committee. The instrument of conveyance shall name the county as grantee and shall be filed with the county clerk and recorded in the office of the register of deeds.

(2) If any of the needed lands or interests therein cannot be purchased expeditiously for a price deemed reasonable by the committee, the committee may acquire the same by condemnation under ch. 32.

(3) The cost of land and rights so acquired, including any damages allowed and other expenses connected therewith, shall be paid out of available improvement or maintenance funds.

(4) Subject to s. 84.09 (3) (c) and to the approval of the department, the county board is authorized and empowered to sell at public sale, or to sell at private sale for fair market value to an owner of adjacent property, property, owned by the county in fee for highway purposes, when the county board shall determine that such property is no longer necessary for the county's use for highway purposes. The funds derived from such sale shall be deposited in the county highway fund and the expense incurred in connection with the sale shall be paid from that fund. However, approval of the department is not required where county funds only have been used.

History: 1977 c. 29 s. 1654 (8) (c); 1985 a. 223 s. 5; 1997 a. 253, 282; 1999 a. 32; 2003 a. 212, 327.

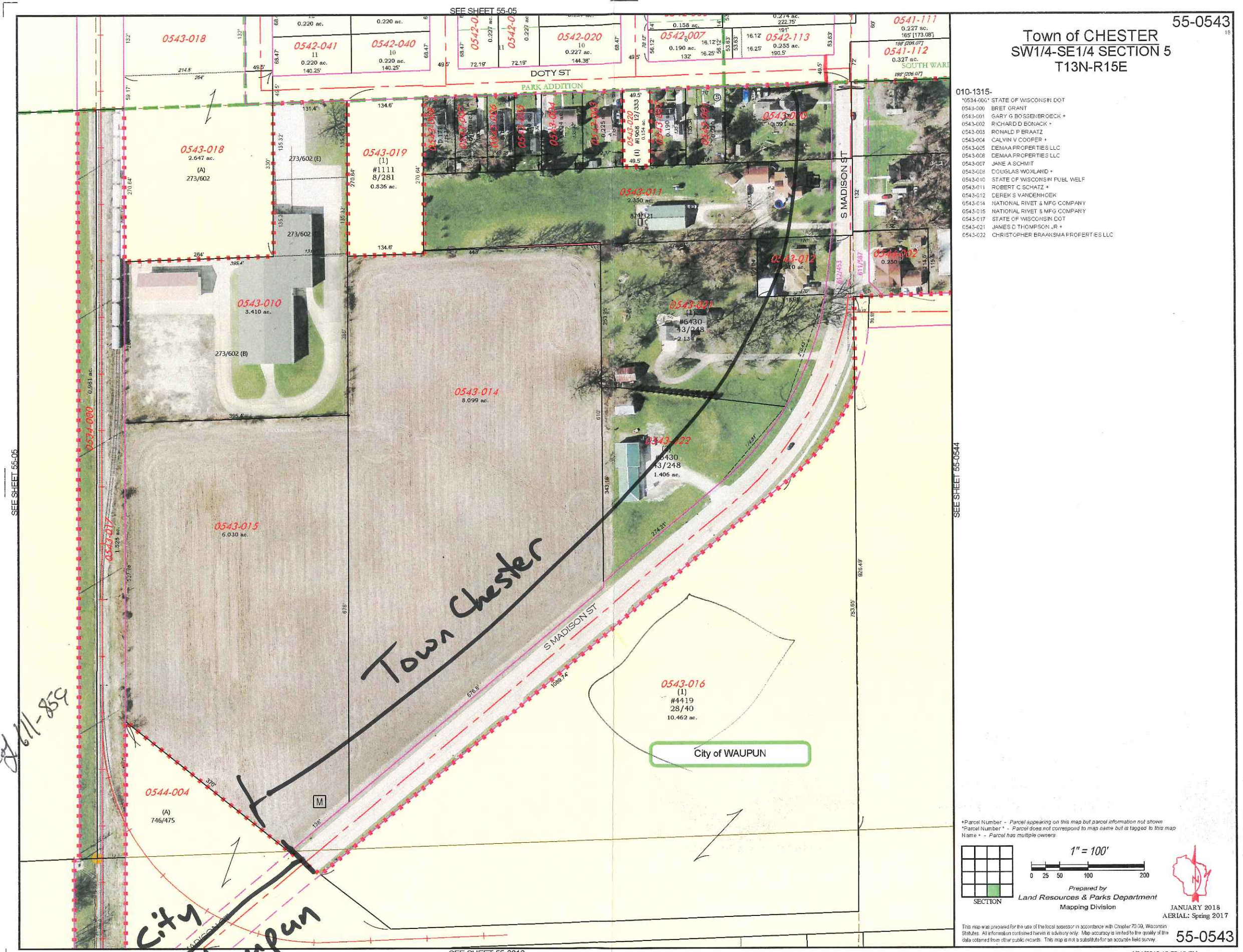
Absent express language to the contrary, courts presume that the grantor of land to be used for roadways intended to convey only an easement. A deed using the term "right of way" should be construed as conveying an easement unless the instrument, considered as a whole, indicates that the parties intended the passage of fee title. *Berger v. Town of New Denmark*, 2012 WI App 26, 339 Wis. 2d 336, 810 N.W.2d 833, 11–1807.

83.09 Emergency repairs of county trunk highways. Whenever a flood or other casualty renders any county trunk highway dangerous for travel, the town chairperson may immediately close it and notify the county highway commissioner thereof, and the commissioner shall promptly make repairs necessary to render the highway safe for travel. If sufficient funds are not available in the county maintenance fund, the commissioner may, with the consent of the chairperson of the county board or of the county highway committee, make the necessary repairs, and the cost thereof shall be paid as soon as funds are available.

History: 1983 a. 192 s. 303 (2); 1989 a. 56 s. 258; 2003 a. 214.

NOTE: 2003 Wis. Act 214, which affected this section, contains extensive explanatory notes.

611-857
 611-982
 612-453-revised 611-859



Town of CHESTER
 SW1/4-SE1/4 SECTION 5
 T13N-R15E

55-0543

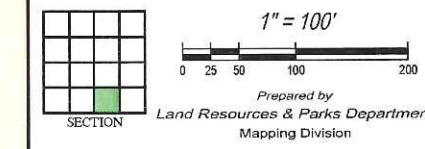
- 010-1315-
- *054-000* STATE OF WISCONSIN DOT
 - 0543-000 SRET GRANT
 - 0543-001 GARY & BOSSNER OECK +
 - 0543-002 RICHARD D BONACK +
 - 0543-003 RONALD P BRAATZ
 - 0543-004 CALVIN V COOPER +
 - 0543-005 DENAA PROPERTIES LLC
 - 0543-006 DENAA PROPERTIES LLC
 - 0543-007 JANE A SCHMIT
 - 0543-008 DOUGLAS WOXLAND +
 - 0543-010 STATE OF WISCONSIN FUEL WELF
 - 0543-011 ROBERT C SCHATZ +
 - 0543-012 CEREK S VANDENHOEK
 - 0543-014 NATIONAL RIVET & MFG COMPANY
 - 0543-015 NATIONAL RIVET & MFG COMPANY
 - 0543-017 STATE OF WISCONSIN DOT
 - 0543-021 JAMES D THOMPSON JR +
 - 0543-022 CHRISTOPHER BRAAVSMA PROPERTIES LLC

Town Chester

City of WAUPUN

SEE SHEET 55-0544

Parcel Number - Parcel appearing on this map but parcel information not shown
 Parcel Number - Parcel does not correspond to map name but is tagged to this map
 Name* - Parcel has multiple owners



This map was prepared for the use of the local assessor in accordance with Chapter 70.09, Wisconsin Statutes. All information contained herein is advisory only. Map accuracy is limited to the quality of the data obtained from other public records. This map is not a substitute for an accurate field survey.

JANUARY 2018
 AERIAL: Spring 2017

55-0543

SEE SHEET 55-0810

SEE SHEET 55-05

Design Kickoff Meeting Agenda
Madison Street
Doty Street – South Branch Rock River
August 7, 2018; 10:00 AM
Waupun Public Works Office

Meeting Participants

Jeff Daane, Steve Schramm and Randy Posthuma – City of Waupun
Tom Lanser & Jeff Chvosta - Gremmer & Associates, Inc.

1. Design Parameters
 - a. Design Speed = 30 mph
 - b. WisDOT Traffic Counts
 - i. 2500 vpd between Park and Lincoln (6/14/11)
 - ii. 4200 vpd between Olmstead and Brown (9/9/14)
 - iii. 3100 vpd between Jefferson and Main (7/29/14)
 - iv. 3400 vpd between Main and Franklin (5/15/17)
2. Typical Section
 - a. Existing Widths
 - i. Doty to Jefferson = 48' face to face
 - ii. Jefferson to Main = 46' face to face
 - iii. Main to Franklin = 49' face to face
 - iv. Franklin to South Branch Rock River = 41' face to face
 - b. Proposed Widths
 - i. Driving Lane = 11' typical
 - ii. Bike Lane = 5' typical
 - iii. Parking Lane = 8' typical (7' minimum?)
 - c. Curb and gutter slope (4% or 6.25%)
 - d. Sidewalk
 - i. Scope of replacement
 - ii. Sidewalk assessment
 - iii. Back of sidewalk location
 - iv. Granular thickness below sidewalk
3. Pavement Design
 - a. 9" PCC over 6" base aggregate over 11" breaker run (per LRIP application)
 - b. Excavation below subgrade
 - c. Geogrid
 - d. Recycled base material
 - i. Existing pavement
 - ii. City stockpile
4. Soils
 - a. Geotechnical investigation sublet to PSI
 - i. 6 borings to a depth of 15-feet
 - b. Contaminated soils investigation sublet to Himalayan Consultants
 - i. Madison Street and Jefferson Street intersection

5. Historical (Prison and Museum)
 - a. Sublet to UWM-CRM
6. Drainage
 - a. Analysis area
 - b. Existing site plans for private laterals?
7. City Utilities
 - a. Water main
 - i. Sizing
 - ii. Fire flows or City model
 - iii. Owner approval letter
 - iv. WDNR extension permit
 - b. Sanitary Sewer
 - i. Sizing
 - ii. Owner approval letter
 - iii. WDNR extension permit
 - c. Waupun Electric
 - i. Aerial on east side from Libby to Doty
8. Private Utilities
 - a. Alliant (Gas)
 - i. West side Libby to Doty
 - ii. East side Doty to Jackson
 - iii. West side Jackson to Rock River
 - b. AT&T
 - i. Buried fiber and copper from Libby to Doty
 - ii. Aerial crossing at Lincoln, between Main and Franklin, and at Jackson
 - iii. Aerial on east side from Jackson to Rock River
 - c. ATC
 - i. No facilities
 - d. Charter Communications
9. Right-of-Way
 - a. Confirm no construction permits
10. Detour
 - a. Stage 1 - CTH MM/Beaver Dam Street/Brandon Street and Edgewood Drive/Woodland Drive
 - b. Stage 2 and 3 - CTH MM/Beaver Dam Street/Brandon Street and STH 49
 - c. 10 ton weight limit
11. Staging
 - a. Stage 1 - Main Street to South Branch Rock River (completed by Truck Show)
 - b. Stage 2 - Lincoln Street to Main Street
 - c. Stage 3 - Doty Street to Lincoln Street
 - d. Staging will likely need to be concurrent to some extent to meet schedule

12. What's next

- a. Budget cost estimate – August 31, 2018
- b. Drainage evaluation
- c. Preliminary roadway layout/design
- d. Design progress meeting
- e. Schedule soil borings
- f. Public information meeting
- g. Final design
- h. Final plans & bidding – February 2019