



We Energies
231 W. Michigan Street
Milwaukee, WI 53203

www.we-energies.com

May 4, 2017

City of Appleton
Attn: Michael Hardy
100 N. Appleton St.
Appleton, WI 54911

Subject: Work Request 3850623; Lighting at Milis Drive, Appleton

Dear Mr. Hardy:

A work order for Night Aura® Outdoor Lighting, provided by We Energies, is detailed on subsequent pages of this letter. The upfront charge for this work, which expires 90 days from the date of this letter, is \$21,801.78, and does not include site restoration. The initial net change to monthly charges will increase by \$92.47, which is subject to future rate changes as approved by the Public Service Commission of Wisconsin.

- Luminaires are controlled to provide dusk to dawn operation.
- Normal maintenance is performed by the Company upon notification.
- All fixtures are warranted until removed. Non-Standard poles and conductors are warranted for 15 years.
- For installation, removal and maintenance, the customer shall locate private underground facilities and grant or obtain, without expense to We Energies: access to property, necessary permissions, easements, ordinance satisfaction and permits.
- Termination or change requests after installation and prior to conclusion of the Initial Term shall result in customer charges. Monthly rates for fixtures on the LED rate are reduced after Initial Term.
- A complete list of applicable Lighting Tariff terms & conditions are available at www.we-energies.com.
- We Energies does not guarantee this installation meets AASHTO or the Illuminating Engineering Society's minimum recommended standards for lighting.

Please sign all of the enclosed documents and return them, along with payment for the upfront charge (check made payable to We Energies) in the enclosed envelope. Material will be ordered after all authorizations and payment have been received and this order will be released to construction for scheduling after all contingencies have been met. If you have any questions, please call me at 920-380-3346.

Sincerely,

Stacy Czajkowski

By signing this letter, you authorize us to do this work and acknowledge acceptance of the Rates and Conditions of the specified tariffs as approved by the Public Service Commission of Wisconsin.

By: _____ Date: _____

Print Name: _____ Title: _____

Non-Standard Lighting Record - WI

Billing Name City of Appleton		City of Appleton		State		WI		Zip		54911	
Billing Address 100 N. Appleton St		City of Appleton		State		WI		Zip		54911	
C/T/V		City of Appleton		State		WI		Zip		54911	
Service Address, if different than Billing Address											
Name City of Appleton		City of Appleton		State		WI		Zip		54911	
Address 100 N. Appleton St		City of Appleton		State		WI		Zip		54911	
C/T/V		City of Appleton		State		WI		Zip		54911	

Premise Account		Install		Remove	
New Account? <input type="checkbox"/> Yes					
Customer Type Governmental (MS4 / LE6)					
Work Request 3850623					
Related Work Request Page # / of # 1/1					

Ref #	Pole #	Rate	Pole										Total / mo w/ Source Charge *	Energy / fixture per mo	LED Energy Class (kWh)	Watts / fixture	LED Energy Class (kWh)	Facilities / HID fixture per mo	Facilities / LED fixture per mo	Fixt Class	Color	Source	Style	Qty	Mfg Ht	Color	Install / Remove Date
			Style	Wood	30 Ft	Natural	Color	Rectangular	LED	Gray	E	\$8.72															
140	17-	LE6	Wood	30 Ft	Natural	Rectangular	LED	Gray	E	\$8.72	85	31-33	\$3.49	160 FT E C/L OF S ALLIANCE DR & 6 FT S OF ROW													
160	17-	LE6	Wood	30 Ft	Natural	Rectangular	LED	Gray	E	\$8.72	85	31-33	\$3.49	502 FT E OF C/L OF S ALLIANCE DR & 6 FT S OF ROW													
230	17-	LE6	Wood	30 Ft	Natural	Rectangular	LED	Gray	E	\$8.72	85	31-33	\$3.49	330 FT E OF C/L OF S ALLIANCE DR & 6 FT N OF ROW													
250	17-	LE6	Wood	30 Ft	Natural	Rectangular	LED	Gray	E	\$8.72	85	31-33	\$3.49	670 FT E OF C/L OF S ALLIANCE DR & 6 FT N OF ROW													
340	17-	LE6	Wood	30 Ft	Natural	Rectangular	LED	Gray	E	\$8.72	85	31-33	\$3.49	218 FT W OF C/L OF S EISENHOWER DR & 6 FT S OF ROW													
370	17-	LE6	Wood	30 Ft	Natural	Rectangular	LED	Gray	E	\$8.72	85	31-33	\$3.49	557 FT W OF C/L OF S EISENHOWER DR & 6 FT S OF ROW													
430	17-	LE6	Wood	30 Ft	Natural	Rectangular	LED	Gray	E	\$8.72	85	31-33	\$3.49	390 FT W OF C/L OF S EISENHOWER DR & 6 FT N OF ROW													

Total monthly charges, or net change, before taxes \$92.47

* Monthly total subject to future rate changes approved by Public Service Commission

Comments: _____

Authorization: _____ Date _____

Property Owner / Authorized Representative Signature _____ Date _____



ELEC WR: **3850623**
 GAS WR: _____

CITY / TOWN / VILLAGE: C., APPLETON
 CUST/PROJ NAME: CITY OF APPLETON
 PROJECT LOCATION: E. MILIS DR
BETWEEN EISENHOWER & ALLIANCE DR
 WORK DESCRIPTION: INSTALL LED LIGHTING ALONG MILIS DR
 PRIOR TO STREET WORK BY CITY _____

PREPARED BY: ANDY ROOYAKKERS
 E-MAIL: ANDREW.ROOYAKKERS@WE-ENERGIES.COM
 OFFICE #: 920-380-3476 CELL #: 920-858-4857
 PAGER #: _____ IO #: 26057
 PROJECT ID: _____ CGS #: _____
 DATE PREPARED: 4/20/17 DATE REVISED: _____
 RAILROAD PERMITTING/FLAGGING REQUIRED YES NO RR NAME _____
 CORROSION CONTACT: NA PHONE #: NA

COMMON INFORMATION

STAKING REQUIREMENTS: MAIN / SERVICE IN EASEMENT:
 SURVEYOR STAKED YES NO
 DESIGNER NOT NEEDED YES NO

RESTORE PRIVATE PROPERTY: WE ENERGIES CUSTOMER

WORK IS APPROX. 20 FT. DIRECTION E OF CL OF S ALLIANCE DR. NEAREST CROSS STREET PLANK (AS APPLIES FOR GAS SERVICE FEES)

ELECTRIC INFORMATION

OPER MAP #: 388B-8980-04 FEEDERLINE #: F.LPK54.ABC
 CATV JOINT USE #: _____ TEL JOINT USE #: _____

PROPOSED GAS SERVICE INFORMATION

MTR SIZE: _____ MTR TYPE: _____ PRES: FEV RLIGHT
 SERV PIPE SIZE: _____ MATERIAL: _____ CURB VLV
 MTR LOC: _____ FT. OF _____ CORNER TE IN PIPING
 CONSTRUCTION TYPE: _____

JOB INFO:
 SECTION / TOWN / RANGE: SE 1/4 SEC 4, T20N, R18E
 SITE VISIT COMPLETED BY: ANDY ROOYAKKERS
 JOB OWNER: STACY CZAJKOWSKI (920) 380-3346

CONTINGENCIES & COMMENTS:
 DIGGERS HOTLINE REQUIRED _____
 WE ENERGIES WILL NOT RESTORE _____
 WE ENERGIES WILL NOT HAUL SPOIL _____
 CUSTOMER IS REQUIRED TO LOCATE ALL PRIVATE UNDERGROUND FACILITIES PRIOR TO INSTALLATION _____
 WE ENERGIES IS NOT RESPONSIBLE FOR ROOT DAMAGE _____

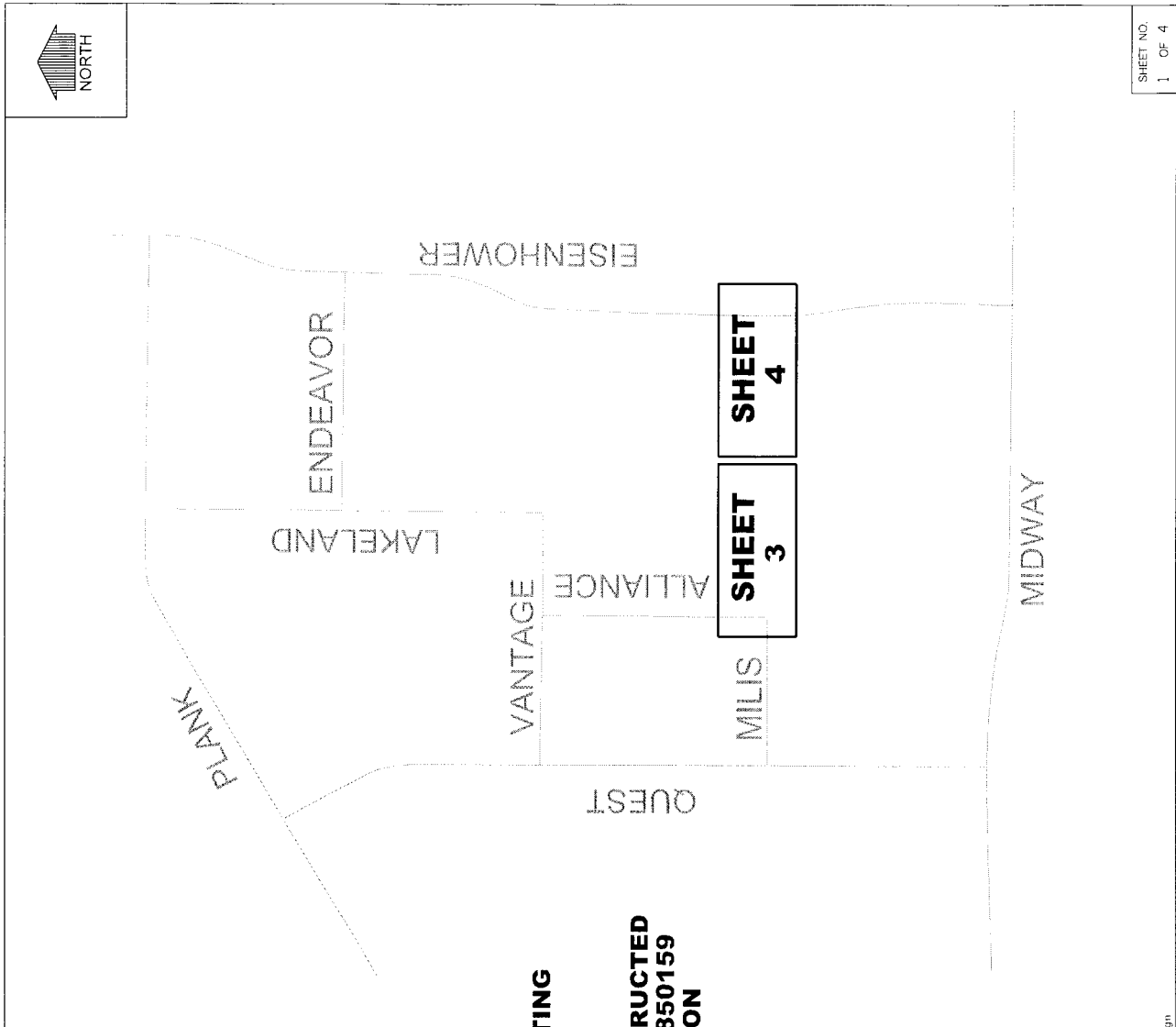
- CRITICAL SAFETY RULES - EO:**
1. Enclosed space procedures
 2. Excavation and shoring
 3. Rubber gloves and sleeves
 4. Fall protection
 5. Lock out - Tag out
 6. Seat belts
 7. Securing parked vehicles


CUSTOMER HAS REVIEWED AND APPROVES SKETCH _____

CUSTOMER'S SIGNATURE OF APPROVAL _____ DATE _____

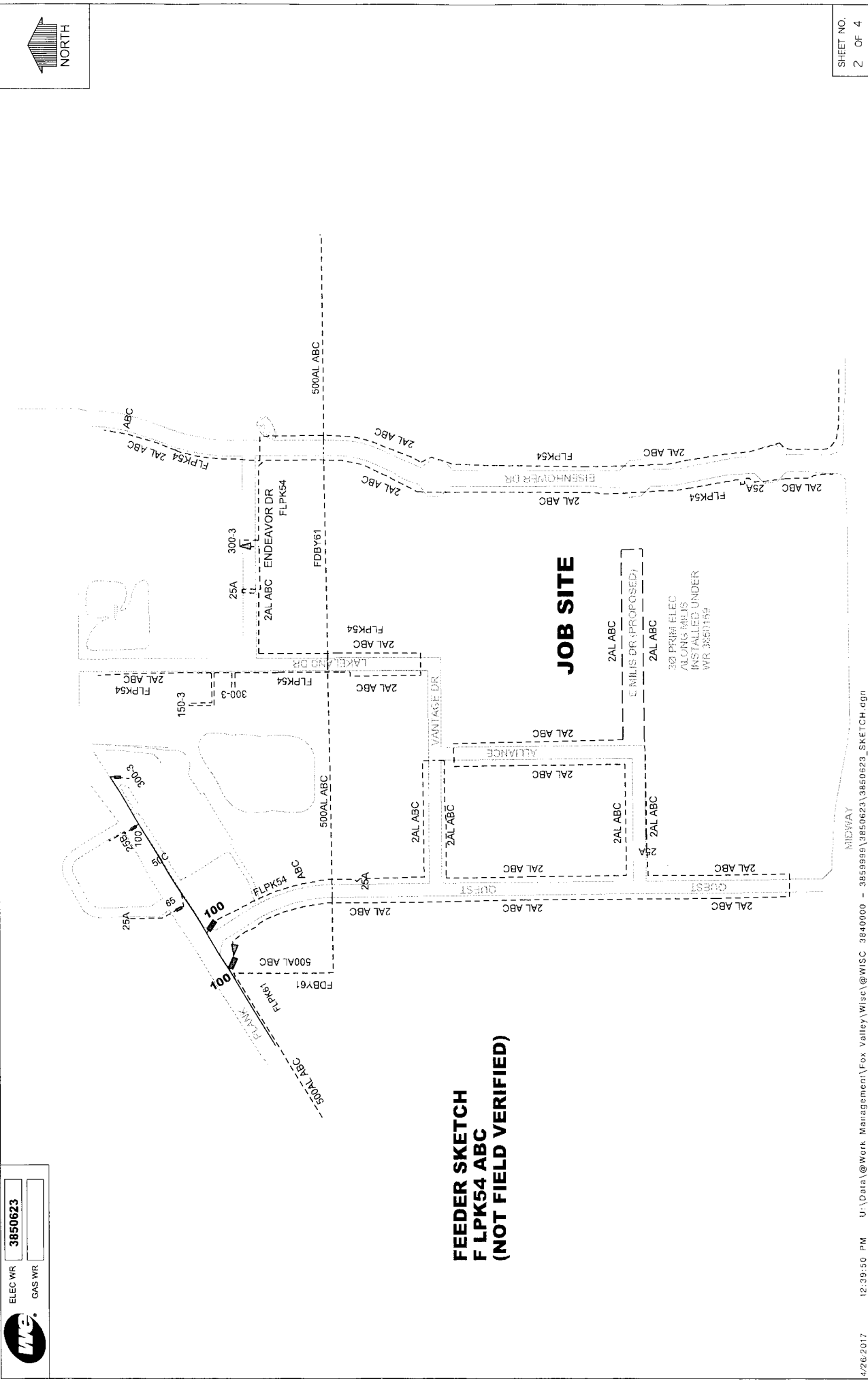
MILIS DR WRS:
3948673: GAS MAIN
3850159: 3Ø ELEC
3850623: STREET LIGHTING

THIS JOB TO BE CONSTRUCTED AT SAME TIME AS WR 3850159 (3Ø PRIM LINE EXTENSION ALONG MILIS DR)

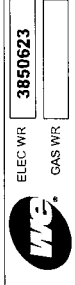




ELEC WR **3850623**
 GAS WR



**FEEDER SKETCH
 F LPK54 ABC
 (NOT FIELD VERIFIED)**



ELEC WR 3850623
GAS WR

E MILIS DR WRs:
GAS: 3948673
LIGHTING: 3850623
3Ø ELEC: 3850159

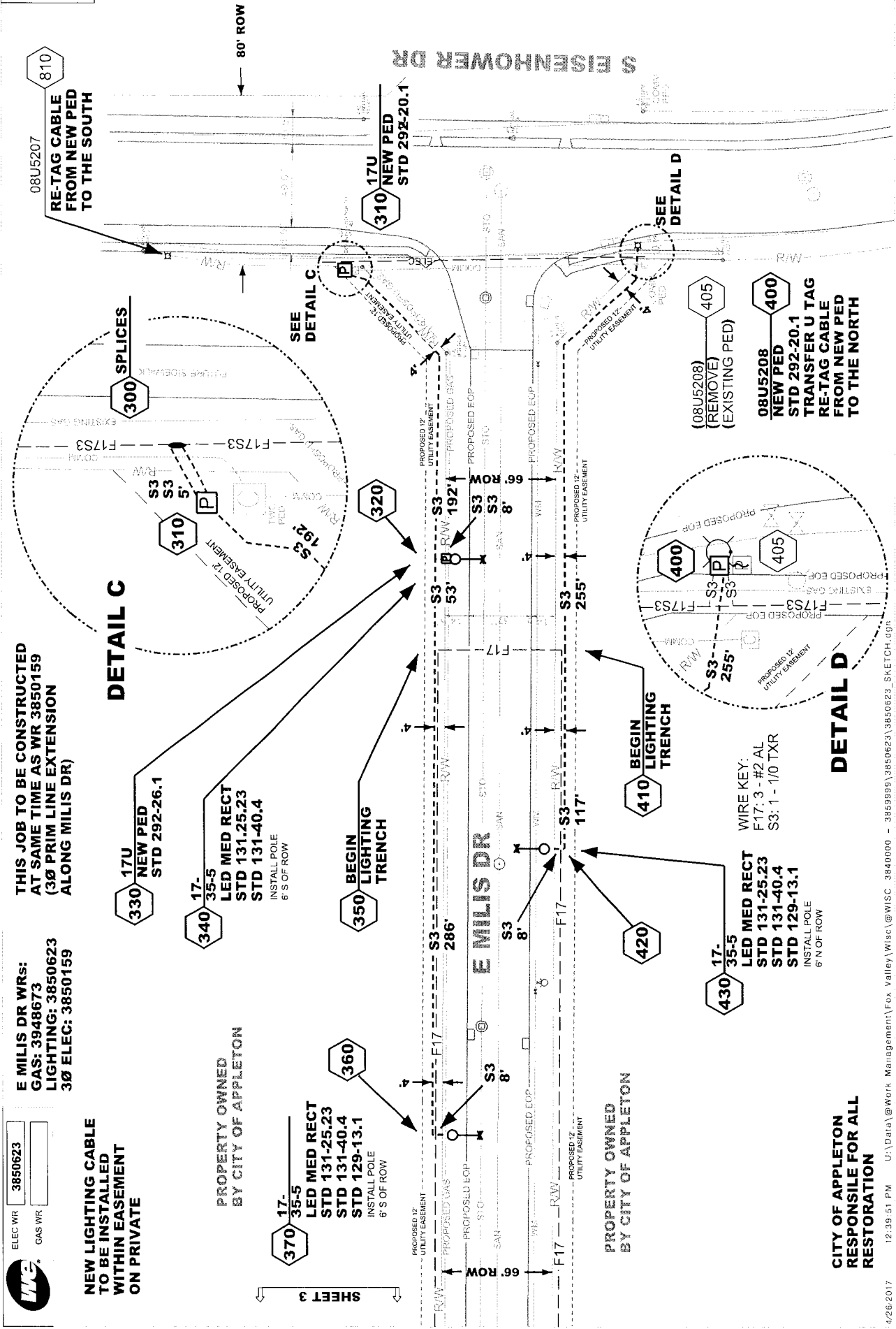
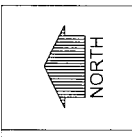
THIS JOB TO BE CONSTRUCTED AT SAME TIME AS WR 3850159 (3Ø PRIM LINE EXTENSION ALONG MILIS DR)

NEW LIGHTING CABLE TO BE INSTALLED WITHIN EASEMENT ON PRIVATE

PROPERTY OWNED BY CITY OF APPLETON

PROPERTY OWNED BY CITY OF APPLETON

CITY OF APPLETON RESPONSIBLE FOR ALL RESTORATION



WE ENERGIES - ELECTRIC OPERATIONS		STANDARD WIRE KEY		SECONDARY - 1PHASE		SECONDARY - 3PHASE	
UNLESS OTHERWISE NOTED IN THIS DOCUMENT, THE FOLLOWING NOTES APPLY:		OVERHEAD PRIMARY		NEUTRAL		S 6DX	
-LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD.		E, F, H, Q, R, W, X or Z		N 1-#2 ACSR		S 1/0 TXF	
-MAINTAIN 2' MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE & BELL OF PIPE.		Z 1 #2 ACSR		N1 1-#1/0 ACSR		S1 4 TX	
-THIS APPLIES TO GAS AND WATER MAINS.		Z1 1 #1/0 ACSR		N2 1-#3/0 ACSR		S2 2 TX	
-MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS.		Z2 1 #3/0 ACSR		N3 1-#4/0 AL		S3 3/0 TFX	
-MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS.		Z3 3 #2 ACSR		N4 1-#336 ACSR		S4 3/0 TXR	
NOTE - CLEARANCES SHOWN ARE MINIMUM DISTANCES - REFERENCE PERMITS FOR SPECIFIC CLEARANCE REQUIREMENTS. ADDITIONAL UNDERGROUND INFORMATION ON EXCAVATION, BACKFILLING AND CLEARANCES CAN BE FOUND IN STD. 281-02.		Z4 3 #1/0 ACSR		N5 REMOVAL		S5 350 TXR	
		Z5 3 #3/0 ACSR		GUYING		S6 750 TXR	
		Z6 1 #2 AL 15KV		G 1/4" ARM GUY		S7 1/0 TFX	
		Z7 3 #336 ACSR		G1 5/16" ARM GUY		S8 4/0 TFX	
		Z8 SPECIAL LIST ON SKETCH		G2 3/8" ARM GUY		S9 336 TXR	
		Z9 3 #1/0 AL 15KV		G3 5/16" POLE GUY		S10 750 TFX	
		Z10 1 WIRE REMOVAL		G4 3/8" POLE GUY		S11 3 WIRE REMOVAL	
		Z11 2 WIRE REMOVAL		G5 7/16" POLE GUY		S12 3 WIRE MAIN	
		Z12 3 WIRE REMOVAL		ON SKETCH			

WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)

General

- If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.

Erosion Control

- If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented.
- Erosion Control BMP's shall meet or exceed the approved WDNR Storm Water Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html).
- Refer to We Energies Construction Site Sediment and Erosion Control Standards.
- Inspect installed erosion control BMP's at least one time per week and after 1/2" rain events; repair as necessary.
- When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

Contaminated Soils

- Whenever soil exhibiting obvious signs of contamination (e.g., discoloration, petroleum or solvent odor, free liquids other than water, buried containers or tanks, or other obvious signs of environmental impacts) is encountered during excavation or installation, cease work immediately, take appropriate immediate precautions to ensure worker health and safety, and contact the Operations Supervisor or Inspector.

Spills

- If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
 - Any quantity of oil is spilled into surface water;
 - Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
 - Any oil spill containing greater than 500 ppm PCB;
 - Five gallons or more of oil spilled to the ground;
 - Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes 8 through 27 apply as noted at specific points within each work request:

Dewatering

- Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

Wetlands

- As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
- All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands.
- If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
- Excavated soils cannot be stockpiled in wetlands.

Waterways

- All excess spoils shall be removed from wetlands and placed in a suitable upland location.
- Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
- Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.
- No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
- No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
- Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

Threatened and Endangered Species

- Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
- In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
- Exclusion fencing must be installed at the work area prior to March 15.
- A qualified biologist must be present when conducting work at this location.

Invasive Species

- State regulated Invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Right-of-Way Best Management Practices should be followed: (<http://council.wisconsinforestry.org/invasives/transportation/>).

Cultural and Historical Resources, cont.

- The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
- If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Bureau Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
- A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

Fracture Contingency Plan

- A fracture-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components:
 - Continuously inspect the bore paths for fracture-outs in order to respond quickly and appropriately.
 - Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a fracture-out occur.
 - A vac truck shall be accessible on short notice in order to respond quickly to a fracture-out.

EROSION CONTROL LEGEND	
	APPROXIMATE BORE PIT LOCATION 8, 27 (WITH & WITHOUT PERIMETER BORE PIT CONTROL)
	INLET PROTECTION, TYPE
	12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL
	STONE DITCH CHECK
	ROCK BAG
	MULCH
	SOIL STABILIZER, TYPE A
	EROSION MAT CLASS 1, TYPE A
	EROSION MAT CLASS 1, TYPE B
	EROSION MAT CLASS 1, TYPE A URBAN
	EROSION MAT CLASS 1, TYPE B URBAN
	EROSION MAT CLASS II
	EROSION MAT CLASS III
	VEGETATIVE BUFFER
	TRACKING PAD
	TIMBER MAT
	SILT FENCE
	TEMPORARY SEDIMENT BASIN
	SURFACE WATER FLOW

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