



Printed: 10/16/2026 6:21:22 AM

Sheet 1 of 2

WE ENERGIES - ELECTRIC OPERATIONS CLEARANCE NOTES: - LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD. - MAINTAIN 2' MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE & BELL OF PIPE. - THIS APPLIES TO GAS AND WATER MAINS. - MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS. - MAINTAIN 5' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND SEWER. - MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS. 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.		OVERHEAD PRIMARY E, F, H, Q, R, W, X OR Z Z1#2 ACSR Z11#1/0 ACSR Z21#3/0 ACSR Z31#2 ACSR Z41#1/0 ACSR Z51#3/0 ACSR Z61#2/0 ACSR Z71#336 ACSR Z9SPECIAL LIST ON SKETCH Z101 WIRE REMOVAL Z112 WIRE REMOVAL Z123 WIRE REMOVAL DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z Z83 #477 AL Z131 #1 AL 25KV Z143 #1 AL 25KV Z153 #500 AL 28KV X161 #2 AL 15KV X173 #2 AL 15KV X183 #500 AL 15KV R193 #1/0 AL 35KV R203 #750 AL 35KV Z213 #750 AL 28KV		STANDARD WIRE KEY 1 #2 Cu 15kV 1 #2 Cu 15kV 1 #2 Cu 25kV 3 #500 Cu 15kV 3 #500 Cu 28kV 3 #750 Cu 28kV SPECIAL - LIST ON SKETCH		NEUTRAL 1-#2 ACSR 1-#1/0 ACSR 1-#3/0 ACSR 1-#4/0 AL 1-#336 ACSR REMOVAL GUYING 1/4" ARM GUY 5/16" ARM GUY 3/8" ARM GUY 5/16" POLE GUY 3/8" POLE GUY 7/16" POLE GUY		SECONDARY - 1 PHASE 6DX 4 TX 2 TX 1/0 TXR 3/0 TXR 350 TXR 750 TXR 1/0 TXF 4/0 TXF 336 TXR 750 TXF 3 WIRE REMOVAL 3 WIRE MAIN		SECONDARY - 3 PHASE 1/0 TXF 4/0 TXF 336 TXF 3/0 TX 350 TX 750 TX 1/0 QXF 3/0 QXF 350 QXR 750 QXR 3 WIRE REMOVAL 3/0 QXR 4 WIRE REMOVAL
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EROSION CONTROL LEGEND ENVI 8, 27 APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION	
	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 B
	EROSION MAT CLASS I, TYPE A
	EROSION MAT CLASS I, TYPE B
	EROSION MAT CLASS I, TYPE A URBAN
	EROSION MAT CLASS I, TYPE B URBAN
	EROSION MAT CLASS II
	EROSION MAT CLASS III
	VEGETATIVE BUFFER
	TRACKING PAD
	TIMBER MAT
	SILT FENCE
	APPROXIMATE DEWATERING BASIN LOCATION
	SURFACE WATER FLOW

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

GENERAL

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

EROSION CONTROL

2. 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.

3. Erosion Control BMR'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.

4. Inspect installed erosion control BMP's at least one time per week and after1½" rain events: repair as necessary.

5. 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

6. 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

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

8. 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

- 9. As much as practicable, the majorityof the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
- 10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands.
- 11. 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.
- 12. Excavated soils cannot be stockpiled in wetlands.

- 13. All excess spoils shall be removed from wetlands and placed in a suitable upland location.
- 14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
- 15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.

WATERWAYS

- 16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
- 17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
- 18. 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

- 19. 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.
- 20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
- 21. Exclusion fencing must be installed at the work area prior to March 15.
- 22. A qualified biologist must be present when conducting work at this location.

INVASIVE SPECIES

23. 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 Rights-of Way Best Management Practices should be followed: (<http://council.wisconsinforestry.org/invasives/transportation/>).

CULTURAL AND HISTORICAL RESOURCES, CONT.

- 24. 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.
- 25. If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial 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.
- 26. 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.

FRAC-OUT CONTINGENCY PLAN

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

