



Wisconsin Department of Transportation

October 26, 2022

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #31: 2984-00-74, WISC 2023032
C Milwaukee, W Vliet Street
N 27th Street to N 12th Street
Local Street
Milwaukee County

Letting of November 8, 2022

This is Addendum No. 01, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
29	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil, Item 205.0501.S.
85	Management of Hazardous Solid Waste, Item SPV.0195.001.

Added Special Provisions	
Article No.	Description
86	Notice to Contractor – On Site Crushing.
87	Management of Solid Waste, Item SPV.0195.002.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0195.001	Management of Hazardous Solid Waste	Ton	1,247	-807	440

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0195.002	Management of Solid Waste	Ton	0	715	715

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
290	Miscellaneous Quantities – Updated Hazardous Waste Table
305	Plan and Profile – Revised station range for Petroleum Contaminated Soil
311	Plan and Profile – Revised station range for Hazardous Solid Waste

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 1

2984-00-74

October 26, 2022

Special Provisions

29. Excavation, Hauling, and Disposal of Petroleum Contaminated Soil, Item 205.0501.S.

Replace the entire article language with the following:

A Description

A.1 General

This special provision describes excavating, loading, hauling, and disposing of petroleum contaminated soil at a WDNR-approved bioremediation facility. The closest WDNR-approved bioremediation facilities are:

Green For Life (GFL) Emerald Park Landfill
W124 S10629 S. 124th St.
Muskego, WI 53150
(414) 529-1360

Waste Management Orchard Ridge Landfill
W124 N9355 Boundary Rd.
Menomonee Falls, WI 53051
(262) 253-8620

Perform this work in accordance to standard spec 205 and with pertinent parts of Chapters NR 700-754 of the Wisconsin Administrative Code, as supplemented herein. Per NR 718.07, a solid waste collection and transportation service-operating license is required under NR 502.06 for each vehicle used to transport contaminated soil.

A.2 Notice to the Contractor – Contaminated Soil Locations

The department completed testing for soil and groundwater contamination at locations within this project where excavation is required.

Testing indicated that petroleum-contaminated soil is present at the following locations as shown on the plans:

Station 13VL+55 to 14VL+15, from approximately 60 feet left of reference line to 5 feet right of reference line, from 3 to 7 feet below grade. The estimated volume of contaminated soil to be excavated at this location is 0 CY (approximately 0 tons using a conversion factor of 1.7 tons per cubic yard).

Station 14VL+05 to 14VL+50, from approximately 15 feet right of reference line to 60 feet right of reference line, from 1 to 10 feet below grade. The estimated volume of contaminated soil to be excavated at this location is 88 CY (approximately 149 tons using a conversion factor of 1.7 tons per cubic yard).

Station 16VL+20 to 16VL+70, from approximately 5 feet left of reference line to 40 feet left of reference line, from 1 to 6 feet below grade. The estimated volume of contaminated soil to be excavated at this location is 44 CY (approximately 76 tons using a conversion factor of 1.7 tons per cubic yard).

Station 27VL+55 to 28VL+15, from approximately project limits left to 5 feet right of reference line, from 1 to 8 feet below grade. The estimated volume of contaminated soil to be excavated at this location is 89 CY (approximately 152 tons using a conversion factor of 1.7 tons per cubic yard).

Station 42VL+55 to 43VL+10, from reference line to project limits right, from 2.5 to 8+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 23 CY (approximately 40 tons using a conversion factor of 1.7 tons per cubic yard).

Station 46VL+00 to 46VL+45, from reference line to project limits right, from 1 to 6 feet below grade. The estimated volume of contaminated soil to be excavated at this location is 65 CY (approximately 111 tons using a conversion factor of 1.7 tons per cubic yard).

Station 46VL+45 to 47VL+95, from reference line to 70 feet left of reference line, from 1 to 8+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 725 CY (approximately 1233 tons using a conversion factor of 1.7 tons per cubic yard).

Station 47VL+55 to 47VL+95, from reference line to project limits right, from 1 to 8+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 95 CY (approximately 162 tons using a conversion factor of 1.7 tons per cubic yard).

Directly load soil excavated by the project at the above locations into trucks that will transport the soil to a WDNR-licensed bioremediation facility.

If contaminated soils are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer.

An active groundwater monitoring well was observed within the construction limits at approximately Station 17VL+48, 30 feet left of reference line. The contractor shall protect the wells during construction to maintain their integrity. If active groundwater monitoring wells are encountered elsewhere during construction, notify the engineer and protect the wells to maintain their integrity. The environmental consultant will determine if monitoring wells need to be maintained. For monitoring wells that do need to be maintained, adjust the wells that do not conflict with structures or curb and gutter to be flush with the final grade. For wells that conflict with the previously mentioned items or if monitoring wells are not required to be maintained, they will be abandoned by others.

A.3 Excavation Management Plan

The excavation management plan for this project has been designed to minimize the offsite disposal of contaminated material. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding previous investigations, remediation activities and waste characterization within the project limits, contact:

Name: Andrew Malsom
Address: 141 NW Barstow Street, PO Box 798, Waukesha, WI 53187-0798
Phone: 262-548-6705
Fax: 262-548-6891
e-mail: andrew.malsom@dot.wi.gov

A.4 Coordination

Coordinate work under this contract with the environment consultant:

Consultant: TRC Environmental Corporation
Address: 6737 W. Washington St., Suite 2100, West Allis, WI 53214
Contact: Bryan Bergmann
Phone: 262-901-2126 (office), 262-227-9210 (cell)
Fax: 262-879-1220
e-mail: bbergmann@trccompanies.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying contaminated soils to be hauled to the bioremediation facility;
3. Documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of contaminated soil from the bioremediation facility.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also notify the environmental consultant at least three calendar days prior to commencement of excavation activities in the contaminated area.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation activities in the contaminated area. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed.

Identify the DNR approved bioremediation facility that will be used for disposal of contaminated soils and provide this information to the environmental consultant no later than 30 calendar days prior to commencement of excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the bioremediation facility. Do not transport contaminated soil offsite without prior approval from the environmental consultant.

A.5 Health and Safety Requirements

Add the following to standard spec 107.1:

During excavation activities, expect to encounter soil contaminated with gasoline, diesel fuel, fuel oil, or other petroleum related products and metals. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

B (Vacant)

C Construction

Add the following to standard spec 205.3:

Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite bioremediation. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

Directly load and haul soils designated by the environmental consultant for offsite bioremediation to the DNR approved bioremediation facility. Use loading and hauling practices that are appropriate to prevent any spills

or releases of petroleum-contaminated soils or residues. Prior to transport, sufficiently dewater soils designated for off-site bioremediation so as not to contain free liquids.

If dewatering is required in an area of known contamination, water generated from dewatering activities may contain contaminants and require testing, special handling, temporary storage, and disposal. Contaminated groundwater may be discharged to the sanitary sewer with prior approval from the City of Milwaukee and the Milwaukee Metropolitan Sewerage District.

Contractor shall ensure continuous dewatering and excavation safety at all times. Provide, install, operate, maintain adequate pumping equipment, disassemble, and remove pumping equipment.

Costs associated with excavation and dewatering in the contaminated area are considered incidental to this pay item. The Wisconsin Department of Transportation will be the generator of regulated solid waste from the construction project.

Limit excavation in the location described in A.2 to minimize the handling of groundwater. Notify the engineer of any dewatering activities and obtain any permits necessary to discharge or dispose of contaminated water. Provide copies of such Permit to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statutes, judiciary decisions, and regulations of the State of Wisconsin.

D Measurement

The department will measure Excavation, Hauling, and Disposal of Petroleum Contaminated Soil in tons of contaminated soil, accepted by the bioremediation facility as documented by weight tickets generated by the bioremediation facility.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	Ton

Payment is full compensation for excavating, segregating, loading, hauling, and treatment via bioremediation of contaminated soil; obtaining solid waste collection and transportation service operating licenses; assisting in the collection soil samples for field evaluation; and dewatering of soils prior to transport, if necessary.

~~stp-205-003-(20150630)~~

85. Management of Hazardous Solid Waste, Item SPV.0195.001.

Replace the entire article language with the following:

A General

A.1 Description

This work will conform with the requirements of Section 205 of the Standard Specifications; to pertinent parts of the Wisconsin Administrative Code, Chapters NR 700-736 Environmental Investigation and Remediation of Environmental Contamination; Wisconsin Administration Code, Chapters NR 500-538, Solid Waste; and as shown on the plans and as supplemented herein.

Soil considered to be hazardous solid waste due to lead will be encountered within the construction limits. The solid waste may contain NR 500 non-exempt industrial wastes including soil mixed with foundry sand. Impacted waste material excavated during construction which cannot in the opinion of the environmental consultant be managed as common excavation, petroleum-contaminated soil, or as solid waste will be managed as hazardous solid waste.

This work consists of excavating and loading hazardous solid waste material into roll-off boxes provided by others. The roll-off boxes will be delivered to the site and removed from the site by others.

A.2 Notice to the Contractor–Hazardous Solid Waste Location

The department and others completed hazardous materials assessment for locations within this project where excavation is required. Investigation for soil contamination was conducted at select locations. Results indicate that hazardous solid waste (soil contaminated with lead) is present at the following location as shown on the plans:

- Station 46+45 to 47+55, from reference line to project limits right. Depth of contamination is from 1 to 6 feet bgs. The estimated volume of hazardous solid waste (lead) soil to be excavated at this location is 259 CY (approximately 440 tons using a conversion factor of 1.7 tons per cubic yard).

Directly load hazardous solid waste soil excavated by the project at the above location into roll-off boxes provided by others.

If obviously contaminated soils or signs of NR 500 non-exempt solid waste and hazardous materials are unexpectedly encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer. Examples of these unexpected conditions may include, but are not limited to, buried containers or tanks, noxious odors and fumes, stained soils, sheen on ground water, other industrial wastes, and significant volumes of municipal or domestic garbage.

Active groundwater monitoring wells were not observed within the construction limits at this location during the hazardous materials assessment. If active groundwater monitoring wells are encountered during construction, notify the engineer and protect the wells to maintain their integrity. The environmental consultant will determine if monitoring wells need to be maintained. For monitoring wells that do need to be maintained, adjust the wells that do not conflict with structures or curb and gutter to be flush with the final grade. For wells that conflict with the previously mentioned items or if monitoring wells are not required to be maintained, they will be abandoned by others.

If dewatering is required at the above location, conduct the dewatering in accordance with Section C below.

A.3 Excavation Management Plan Approval

The excavation management plan for this project has been designed to minimize the off-site disposal of contaminated waste. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding previous investigation and remediation activities in these areas contact:

Name: Andrew Malsom
Address: 141 NW Barstow Street, Waukesha, WI 53187-0798
Phone: 262-548-6705
Fax: 262-548-6891
e-mail: andrew.malsom@dot.wi.gov

A.4 Coordination

Coordinate work under this contract with the environment consultant:

Consultant: TRC Environmental Corporation
Address: 6737 W. Washington St., Suite 2100, West Allis, WI 53214
Contact: Bryan Bergmann
Phone: 262-901-2126 (office), 262-227-9210 (cell)
Fax: 262-879-1220
E-mail: bbergmann@trccompanies.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of hazardous solid waste to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying soils to be hauled to the landfill facility;
3. Documenting that activities associated with management of hazardous solid waste are in conformance with the hazardous solid waste management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of hazardous solid waste from the landfill facility.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the area of hazardous solid waste fill described in A.2 to the environmental consultant. The environmental consultant will be responsible for obtaining the necessary approvals from the landfill facility for disposal of the hazardous solid waste.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation in the impacted area. Notify the environmental consultant at least three calendar days prior to commencement of excavation in the impacted area. Perform excavation in the impacted area on a continuous basis until excavation work is completed. Do not transport soil containing hazardous solid waste offsite.

A.5 Health and Safety Requirements

Supplement standard spec 107.1 with the following:

During excavation activities, expect to encounter soil contaminated with industrial waste and associated regulated metals and organic compounds. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each impacted area as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

B (Vacant)

C Construction

Subsection 205.3 of the Standard Specification is supplemented with the following:

Control operations in the impacted areas to minimize the quantity of soil excavated.

The environmental consultant will periodically monitor soil excavated from the area identified in A.2 above. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

Provide location(s) for placement of roll-off boxes provided by others. Directly load hazardous solid waste soil designated by the environmental consultant for offsite disposal into roll-off boxes provided by others. Use loading practices that are appropriate to prevent any spills or releases of the material. Prior to transport, sufficiently dewater soils designated for off-site disposal so as not to contain free liquids.

Do not transport hazardous solid waste soil off-site.

During excavations in the area of known contamination, larger pieces of clean concrete (~2 cubic feet), asphalt and bricks shall be segregated from the fill, to the extent practical and managed as common excavation. Under NR 500.08 this material is exempt from licensing and requirements of Wisconsin Administrative Code NR 500-538 of the solid waste regulations and will be reused as designated by the engineer as fill on the project, or it will be disposed of off-site at the contractor's disposal site(s).

If dewatering is required in the area of known contamination, water generated from dewatering activities may contain petroleum compounds and/or metals. Such water may require analytical testing, and with approval from the City of Milwaukee and the Milwaukee Metropolitan Sewerage District (MMSD) be discharged to the sanitary sewer as follows:

1. Meet all applicable requirements of the City of Milwaukee and MMSD including the control of suspended solids. Perform all necessary monitoring to document compliance with the City of Milwaukee and MMSD requirements. Furnish, install, operate, maintain, disassemble, and remove treatment equipment necessary to comply with the City of Milwaukee and MMSD requirements.
2. Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities.

Groundwater with a petroleum sheen cannot be discharged to the sanitary sewer per MMSD guidelines. If dewatering is necessary where the groundwater has a sheen on the surface, the water shall be pumped into a holding tank or tanker truck for off-site testing and disposal.

Notify the engineer of any dewatering activities. Contractor shall obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statutes, judiciary decisions, and regulations of the State of Wisconsin.

Costs associated with excavation dewatering in contaminated areas are considered incidental to this pay item. The Wisconsin Department of Transportation will be the generator of regulated solid waste from this construction project.

D Measurement

The department will measure hazardous solid waste by the ton of waste accepted by the disposal facility and as documented by weight tickets.

E Payment

The department will pay for measured quantities at the contract unit price under the following item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.001	Management of Solid Waste	Ton

Payment is full compensation for excavating, segregating, and loading hazardous solid waste soil into roll-off boxes provided by others; obtaining; assisting in the collection of soil samples for field evaluation; dewatering of soils prior to transport, if necessary; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

86. Notice to Contractor – On Site Crushing.

On-site crushing of existing pavement will not be allowed.

87. Management of Solid Waste, Item SPV.0195.002.

A General

A.1 Description

This work will conform with the requirements of Section 205 of the Standard Specifications; to pertinent parts of the Wisconsin Administrative Code, Chapters NR 700-736 Environmental Investigation and Remediation of Environmental Contamination; Wisconsin Administration Code, Chapters NR 500-538, Solid Waste; and as shown on the plans and as supplemented herein.

Soil considered to be solid waste due to chlorinated VOCs will be encountered within the construction limits. The solid waste may contain NR 500 non-exempt industrial wastes including soil mixed with foundry sand. Impacted waste material excavated during construction which cannot in the opinion of the environmental consultant be managed as common excavation or as petroleum-contaminated soil will be managed as solid waste.

This work consists of excavating, segregating, temporary stockpiling, loading, hauling, and disposing of solid waste material at a WDNR-approved disposal facility. The nearest WDNR-approved disposal facilities are:

Green For Life (GFL) Emerald Park Landfill
W124 S10629 South 124th Street
Muskego, WI 53150
(414) 529-1360

Waste Management Orchard Ridge Landfill
W124 N9355 Boundary Rd.
Menomonee Falls, WI 53051
(262) 253-8620

Provide information to the environmental consultant and engineer that indicates the WDNR-approved disposal facility that the contractor will use.

A.2 Notice to the Contractor—Solid Waste and Contaminated Groundwater Location

The department and others completed hazardous materials assessment for locations within this project where excavation is required. Investigation for soil contamination was conducted at select locations. Results indicate that solid waste (soil contaminated with chlorinated solvents and petroleum) and contaminated groundwater are present at the following locations as shown on the plans:

- Station 16VL+50 to 18VL+00, from 5 feet left of reference line to project limits right, from approximately 1 to 12+ feet bgs. Approximately 420 cubic yards (approximately 715 tons at an estimated 1.7 tons per cubic yard) of solid waste soil will be excavated from this area. Groundwater at this location has a petroleum sheen and in accordance with MMSD requirements, cannot be discharged to the sanitary sewer.

Directly load solid waste soil excavated by the project at the above locations into trucks that will transport the material to a WDNR-licensed landfill facility for landfill disposal.

If obviously contaminated soils or signs of NR 500 non-exempt solid waste and hazardous materials are unexpectedly encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer. Examples of these unexpected conditions may include, but are not limited to, buried containers or tanks, noxious odors and fumes, stained soils, sheen on ground water, other industrial wastes, and significant volumes of municipal or domestic garbage.

Active groundwater monitoring wells were observed within the construction limits at approximately Station 17VL+48, 30 feet right of reference line. The contractor shall protect the wells during construction to maintain their integrity. If active groundwater monitoring wells are encountered elsewhere during construction, notify the engineer and protect the wells to maintain their integrity. The environmental consultant will determine if

monitoring wells need to be maintained. For monitoring wells that do need to be maintained, adjust the wells that do not conflict with structures or curb and gutter to be flush with the final grade. For wells that conflict with the previously mentioned items or if monitoring wells are not required to be maintained, they will be abandoned by others.

If dewatering is required at the above location, conduct the dewatering in accordance with Section C below.

A.3 Excavation Management Plan Approval

The excavation management plan for this project has been designed to minimize the off-site disposal of contaminated waste. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding previous investigation and remediation activities in these areas contact:

Name: Andrew Malsom
Address: 141 NW Barstow Street, Waukesha, WI 53187-0798
Phone: 262-548-6705
Fax: 262-548-6891
e-mail: andrew.malsom@dot.state.wi.us

A.4 Coordination

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Contact: Bryan Bergmann
Phone: 262-901-2126
Fax: 262-879-1220
E-mail: bbergmann@trccompanies.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of solid waste to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying soils to be hauled to the landfill facility;
3. Documenting that activities associated with management of solid waste are in conformance with the solid waste management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of solid waste from the landfill facility.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the area of solid waste fill described in A.2 to the environmental consultant. Identify the WDNR licensed landfill facility that will be used for disposal of solid waste, and provide this information to the environmental consultant no later than 30 calendar days prior to commencement of excavation in the impacted area or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals from the landfill facility for disposal of the solid waste.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation in the impacted area. Notify the environmental consultant at least three calendar days prior to commencement of excavation in the impacted area. Perform excavation in the impacted area on a continuous basis until excavation work is completed. Do not transport soil containing solid waste offsite without prior approval from the environmental consultant.

A.5 Health and Safety Requirements

Supplement standard spec 107.1 with the following:

During excavation activities, expect to encounter historic fill contaminated with industrial waste (foundry sand) and associated regulated metals and organic compounds. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each impacted area as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

B (Vacant)

C Construction

Subsection 205.3 of the Standard Specification is supplemented with the following:

Control operations in the impacted area to minimize the quantity of soil excavated.

The environmental consultant will periodically monitor soil excavated from the area identified in A.2 above. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

Directly load and haul solid waste soil designated by the environmental consultant for offsite disposal to the WDNR approved landfill facility. Use loading and hauling practices that are appropriate to prevent any spills or releases of the material. Prior to transport, sufficiently dewater soils designated for off-site disposal so as not to contain free liquids.

Verify that the vehicles used to transport material are licensed for such activity in accordance with applicable state and federal regulations. Obtain the necessary disposal facility approvals and WDNR approvals for disposal. Do not transport regulated solid waste off-site without obtaining the approval of the environmental consultant and engineer and notifying the disposal facility.

During excavations in the areas of known contamination, larger chunks of clean concrete (~2 cubic feet), asphalt and bricks shall be segregated from the fill, to the extent practical and managed as common excavation. Under NR 500.08 this material is exempt from licensing and requirements of Wisconsin Administrative Code NR 500-538 of the solid waste regulations, and will be reused as designated by the engineer as fill on the project, or it will be disposed of off-site at the contractor's disposal site(s).

If dewatering is required in areas of known contamination, water generated from dewatering activities may contain chlorinated solvents, petroleum compounds and/or metals. Such water may require analytical testing, and with approval from the City of Milwaukee and the Milwaukee Metropolitan Sewerage District (MMSD) be discharged to the sanitary sewer as follows:

1. Meet all applicable requirements of the MMSD including the control of suspended solids. Perform all necessary monitoring to document compliance with the MMSD requirements. Furnish, install, operate, maintain, disassemble, and remove treatment equipment necessary to comply with the MMSD requirements.
2. Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities.

Groundwater with a petroleum sheen cannot be discharge to the sanitary sewer per MMSD guidelines. If dewatering is necessary where the groundwater has a sheen on the surface, the water shall be pumped into a holding tank or tanker truck for off-site testing and disposal.

Notify the engineer of any dewatering activities, and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statutes, judiciary decisions, and regulations of the State of Wisconsin.

Costs associated with excavation dewatering in contaminated areas are considered incidental to this pay item. The Wisconsin Department of Transportation will be the generator of regulated solid waste from this construction project.

D Measurement

The department will measure solid waste by the ton of waste accepted by the disposal facility and as documented by weight tickets.

E Payment

The department will pay for measured quantities at the contract unit price under the following item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.002	Management of Solid Waste	Ton

Payment is full compensation for excavating, segregating, loading, hauling, and landfill disposal of solid waste; obtaining solid waste collection and transportation service operating licenses; assisting in the collection of soil samples for field evaluation; dewatering of soils prior to transport, if necessary; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Schedule of Items

Attached, dated October 26, 2022, are the revised Schedule of Items Page 13.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 290, 305, and 311.

END OF ADDENDUM

UTILITY LINE OPENING (ULO)

ROADWAY	UTILITY LINE OPENING (ULO) EACH
13TH STREET	4
17TH STREET	4
20TH STREET	4
24TH STREET	4
PROJECT 2984-00-74 TOTAL	16

3

MANAGEMENT OF WASTE

ROADWAY	STATION-STATION	OFFSET	TON	TON	COMMENT
CAT 0010					
VLIET ST	18VL+50 - 18VL+00	5' LT - 65' RT	--	715	1' - 12' BELOW GRADE
	48VL+45 - 47VL+65	0' - 72' RT	440	--	1' - 6' BELOW GRADE
PROJECT 2984-00-74 TOTAL			440	715	

3

NON-PARTICIPATING ITEMS

ROADWAY	SPV.0060.001 INTERNAL SANITARY MANHOLE SEALS	SPV.0060.002 ADJUSTING WATER BOX	SPV.0060.006 INSTALLING BIKE RACK	SPV.0180.001 JOINT SEALING
VLIET STREET	8	1	10	26,915
PROJECT 2984-00-74 TOTAL	8	1	10	26,915

Addendum No. 01
ID 2984-00-74
Revised Sheet 290
October 26, 2022

PROJECT NO: 2984-00-74

HWY: LOCAL STREET

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 290

E

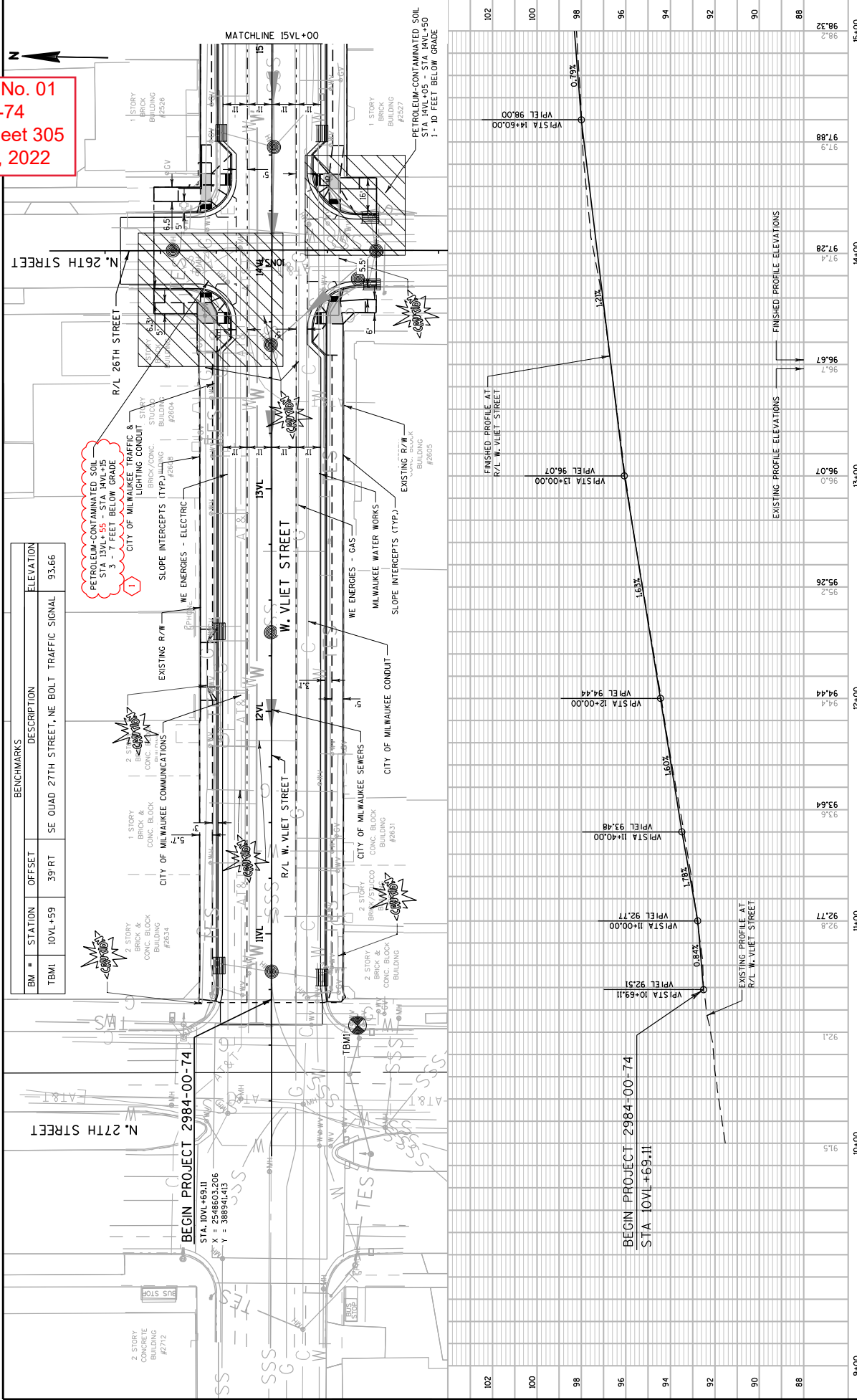
FILE NAME: I:\65571517-757671\cass\03201_L\m3.plt

PLOT DATE: 10/25/2022 2:28:29 PM

PLOT BY: HNTB CORP.

PLOT SCALE: 1:1

Addendum No. 01
 ID 2984-00-74
 Revised Sheet 305
 October 26, 2022



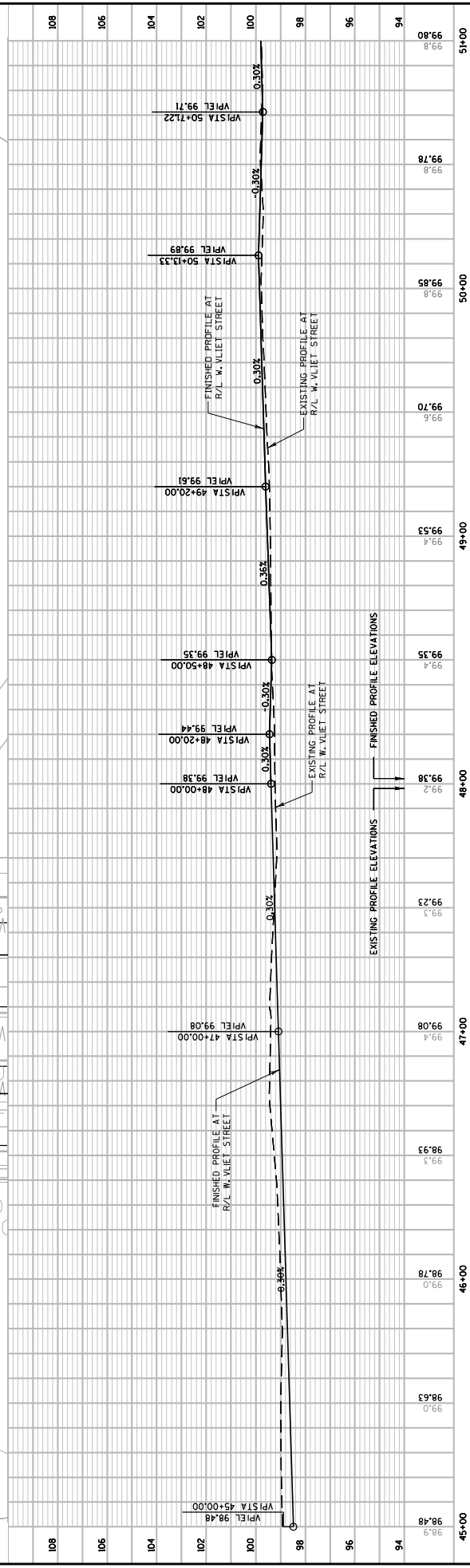
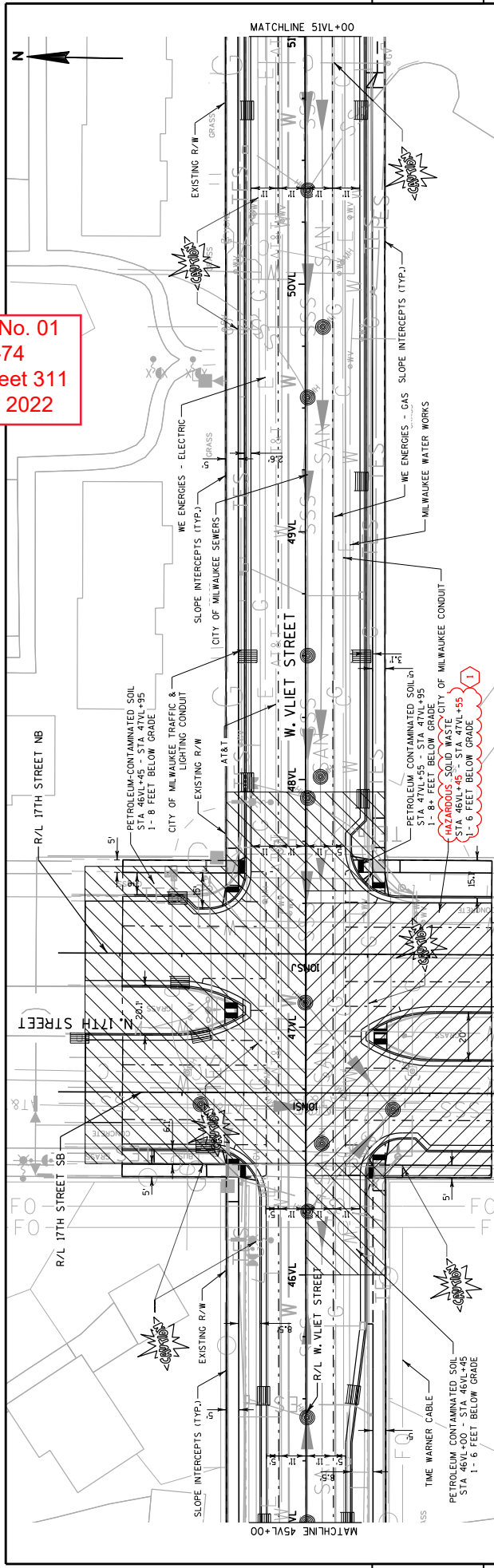
BM #	STATION	OFFSET	DESCRIPTION	ELEVATION
TBM1	10VL+59	39' RT	SE QUAD 27TH STREET, NE BOLT TRAFFIC SIGNAL	93.66

PETROLEUM-CONTAMINATED SOIL
 STA 13VL+55 - STA 14VL+05
 3 - 7 FEET BELOW GRADE

PROJECT NO: 2984-00-74 HWY: LOCAL STREETS COUNTY: MILWAUKEE PLAN AND PROFILE - W. VLIET STREET SHEET 305 E

FILE NAME : D:\1\pww-int-jmtb-0rg\FW\Geot_Lakes\Documents\Milwaukee Projects\63342 W. Vliet St., Reconstruction Project\Project Des\IGN\Plan\BASE E-280\2912003212\225105\001_001.dwg BY : aboumar PLOT SCALE : 40:1 WSDOT/CADD SHEET 40

Addendum No. 01
 ID 2984-00-74
 Revised Sheet 311
 October 26, 2022



STATION	EXISTING PROFILE ELEVATIONS	FINISHED PROFILE ELEVATIONS
45+00	98.9	98.48
94	98.63	98.48
96	99.0	98.78
98	99.3	98.93
47+00	99.4	99.08
99.4	99.23	99.38
99.3	99.35	99.58
48+00	99.4	99.44
99.4	99.53	99.58
99.5	99.61	99.61
49+00	99.4	99.61
99.4	99.70	99.70
99.6	99.78	99.78
50+00	99.8	99.89
99.8	99.89	99.89
99.8	99.98	99.98
51+00	99.8	99.71



Proposal Schedule of Items

Proposal ID: 20221108031 Project(s): 2984-00-74

Federal ID(s): WISC 2023032

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0354	SPV.0090 Special 406. 6-Duct Conduit, Cement Encased, 4-Inch Rigid Nonmetallic Conduit DB-60	5,208.000 LF	_____.	_____.
0356	SPV.0090 Special 407. 7-Duct Conduit, Cement Encased, 4-Inch Rigid Nonmetallic Conduit DB-60	134.000 LF	_____.	_____.
0358	SPV.0090 Special 408. 8-Duct Conduit, Cement Encased, 4-Inch Rigid Nonmetallic Conduit DB-60	88.000 LF	_____.	_____.
0360	SPV.0180 Special 001. Joint Sealing	26,915.000 SY	_____.	_____.
0362	SPV.0195 Special 001. Management Of Hazardous Solid Waste	440.000 TON	_____.	_____.
0364	SPV.0195 Special 002. Management of Solid Waste	715.000 TON	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

