Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
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January 27, 2016

NOTICE TO ALL CONTRACTORS:

Proposal #13: 2126-00-70
W McKinley Avenue
8TH Street to 3RD Street
Local Street
Milwaukee County

Letting of February 9, 2016

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

Special Provisions

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
20	Available Documents
24	Removing or Abandoning Miscellaneous Structures
26	Excavation, Hauling and Disposal (Bioremediation) of Petroleum Contaminated Soil, Item 205.0501.S
31	Storm Sewer
32	Catch Basins, Manholes, and Inlets
42	Manhole 9-Foot Special, Item SPV.0060.0003; 10-Foot Special, Item SPV.0060.0004
43	Storm Sewer Structure M4, Item SPV.0060.0007; Structure M5, Item SPV.0060.0008

Added Special Provisions	
Article No.	Description
64	Pay Plan Quantity
65	Excavation, Hauling, and Reuse of Solid Waste Soil, Item SPV.0035.0100.
66	Incentives/Disincentives for Final Completion, SPV.0045.0001
67	Management of Solid Waste, Item SPV.0195.0001.

Deleted Special Provisions	
Article No.	Description
23	Incentive/Disincentive for Interim Completion of Work, Item 108.3100.S
28	QMP Subgrade

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0501.S	Excavation, Hauling, and Disposal (Bioremediation) of Petroleum Contaminated Soil	TON	33,915	-31,025	2,890
624.0100	Water	MGAL	204	-44	160
628.1504	Silt Fence	LF	3,805	750	4,555
628.1520	Silt Fence Maintenance	LF	3,805	750	4,555
643.0300	Traffic Control Drums	DAYS	11,305	713	12,018
643.0420	Traffic Control Barricades Type III	DAYS	2,048	114	2,162
643.0705	Traffic Control Warning Lights Type A	DAYS	4,096	228	4,324
643.0715	Traffic Control Warning Lights Type C	DAYS	3,922	8	3,930
643.0900	Traffic Control Signs	DAYS	4,270	1,922	6,192
646.0126	Pavement Marking Epoxy 8-Inch	LF	696	113	809
646.0600	Removing Pavement Markings	LF	2,254	113	2,367
SPV.0060.0003	Manhole 9-Foot Special	EACH	1	1	2
SPV.0060.0005	Manhole Covers MS 58-A	EACH	8	1	9

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
311.0110	Breaker Run	TON	0	2,000	2,000
SPV.0035.0001	Excavation, Hauling and Reuse of Solid Waste Soil **P**	CY	0	18,985	18,985
SPV.0045.0001	Incentives/Disincentives for Final Completion Work	DAY	0	0.1	0.1
SPV.0195.0001	Management of Solid Waste	TON	0	3,565	3,565

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
108.3100.S	Incentive/Disincentive for Interim Completion of Work	CD	0.1	0	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
4	Project Overview (Updated to show construction staging and Archaeological site)
85	Traffic Control Stage 1A (Added traffic control items)
86	Traffic Control Stage 1A (Added traffic control items)
87	Traffic Control Stage 1B (Added traffic control items)
88	Traffic Control Stage 1B (Added traffic control items)
89	Traffic Control Stage 1C (Added traffic control items)
90	Traffic Control Stage 1C (Added traffic control items)
91	Traffic Control Stage 2 (Added traffic control items)
92	Traffic Control Stage 2 (Added traffic control items)
93	Traffic Control Stage 3 (Added traffic control items)

103	Miscellaneous Quantities (Updated Earthwork Summary Table and Breaker Run)
107	Miscellaneous Quantities (Updated Erosion Control Items)
112	Miscellaneous Quantities (Updated Traffic Control Items
113	Miscellaneous Quantities (Updated Pavement Marking Removal and Pavement Marking Items

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
24A	Construction Details (Added Backfill Details)
24B	Construction Details (Added Backfill Table – Estimated Quantity for Information Only)
24C	Construction Details (Added Backfill Table– Estimated Quantity for Information Only)
69A	Pavement Marking Removals (Added pavement marking removal for traffic control needs)
72A	Pavement Marking (Added pavement marking to replace removed marking)
176A	Standard Sign M4-9B L&R
182 A	Standard Sign R9-11A

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. 01

2126-00-70

January 27, 2016

Special Provisions

3. Prosecution and Progress.

Replace entire section titiled **Trench and Backfill** *with the following:*

Excavation, Trench and Backfill
Supporting construction trenches are considered part of construction. No Separate payment will be made for shoring and sheeting.

Do not remove excavated material from project site without the approval of the engineer.

Reuse excavated material for all storm sewer pipe trenches (existing and new) as shown on the detail.

20. Available Documents.

Replace the entire article language with the following:

The Department will make the following documents available to bidding contractors:

a. As-built plans of the existing 72-inch and 84-inch storm sewer

b. Haz-Mat Investigation Report

These documents are available from

http://wisconsindot.gov/Pages/doing-bus/contractors/hcci/prelim-plan-se.aspx

24. Removing or Abandoning Miscellaneous Structures

Replace paragraph 4 with the following:

Backfill existing storm sewer or existing storm sewer structure locations shown for removal with excavated material after completing the sewer work.

Replace paragraph 5 with the following:

All backfill provided for removal of existing storm sewer pipes and structures are considered incidental to appropriate bid item.

26. Excavation, Hauling, and Disposal (Bioremediation) of Petroleum Contaminated Soil, Item 205.0501.S.

Replace entire section titled **A.2 Notice to the Contractor – Contaminated Soil and Groundwater Locations** *with the following.*

A.2 Notice to the Contractor – Contaminated Soil Location

The department and others completed testing for soil and groundwater contamination for locations within this project where excavation is required. Testing indicated that petroleum-contaminated soil is present at the following location as shown on the plans:

- Station 119+00 to 120+00, from 20 to 50 feet right of reference line, from approximately 6 to 12 feet bgs. Soil is contaminated with petroleum. Approximately 576 cubic yards (approximately 979 tons at an estimated 1.7 tons per cubic yard) of soil will be excavated from this area for the installation of storm sewer.

- Excess material Excess material contaminated with petroleum not usable on the project. Approximately 1,124 cubic yards (approximately 1,911 tons at an estimated 1.7 tons per cubic yard) of soil will be excavated from the project construction area.

Directly load soil excavated by the project at the above location 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.

No active groundwater monitoring wells were observed within the construction limits. If active groundwater monitoring wells are encountered during construction, notify the engineer and protect them 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.

31. Storm Sewer

Replace entire article language with the following:

Supplement standard spec 204.5.1 with the following:

Backfilling existing pipe removal with excavated material including voided pipe volume (not occupied by new structure or pipe) is considered incidental to removing storm sewer pipe bid item. No separate payment will be made of reusing, hauling and placing stockpiled material.

Supplement standard spec 607.3.1.1 with the following:

Two weeks prior to start of storm sewer construction, provide a shoring design and installation sequence for each location where shoring is to be used. Have a professional engineer, currently registered in the State of Wisconsin and knowledgeable of the specific site conditions and requirements, verify the adequacy of the design. Submit one electronic copy in portable document format of each shoring design, signed and sealed by the same professional engineer verifying the design, to the engineer for incorporation into the permanent project record.

Supplement standard spec 607.3.5 with the following:

Material placed within storm sewer trenches is subject to the quality control for the zone that the material is located in and shall conform to QMP Subgrade article listed elsewhere in this special provision document.

Replace standard spec 607.3.5(1) with the following:

Backfill all trenches and excavations immediately after completing storm sewer construction. Backfill all trenches and excavations of all new and existing storm sewer pipes and storm sewer structures with excavated material.

Replace 608.3.5 (1), (2) and (3) with the following
(1) Backfill all trenches and excavations immediately after completing sewer construction. Backfill permanent installations under public highways to 1 foot above the top of pipe with one of the following:

- Excavated material as approved by the Engineer

(2) Deposit the backfill material in the trench or excavation in a way that causes no damage to the pipe. Backfill the trench to 1 foot above the top of the pipe. Place and mechanically compact around the pipe inlayers no greater than 6 inches deep after compaction. Thoroughly compact the entire length of each layer before placing the next layer.

(3) Backfill with excavated material from 1 foot above the top of the of the pipe to the top of the subgrade in layers no more than 12 inches deep. Mechanically compact the entire length of each layer to the same degree as the material next to the trench before placing the next layer.

Supplement standard spec 608.3 with the following:

Place rubber gasket joints over the spigot end or tongue of the entering pipe for all storm sewer pipes. Clean the gasket and the ends of the pipe from sand and gravel. If the gasket provided is neither factory lubricated nor self-lubricating, lubricate the outside of the gasket and the inside of the bell or groove of the last pipe with an engineer - approved vegetable lubricant immediately before making the joint. Place the spigot or tongue of the pipe being laid with the gasket in place into the bell or groove end of the previously laid pipe. Set pipe carefully to line and grade, and push or jack home. The engineer may order the use of a jack or “come-along” if deemed necessary to ensure that the joints are completely tight.

Replace standard spec 608.5(2) with the following:

Payment for the Storm Sewer Pipe bid items is full compensation for providing all materials, including all special Y’s, mitered sections, elbows and connections required; for all submittals; for excavating and wasting excess material, except rock excavation; for providing rubber gaskets; Lubrication of rubber gaskets; mastic joint sealer; for supporting utilities in storm sewer trench; for shoring design, providing a signed and sealed copy of the design; for installation, monitoring, and removal of shoring; for supporting utilities; for forming foundation; for laying pipe; for sealing joints and making connections to new or existing features, bedding material; for backfilling and reusing excavate backfill material; for cleaning out; and absent the pertinent contract bid items, for restoring the work site.

Supplement standard spec 607.3 with the following:

607.3.8 Incorporating or Disposing of Excavated Material

(1) Incorporate excavated material in the work to the extent practicable. Use materials with suitable engineering properties for backfill.
(2) Dispose of surplus or unsuitable material as specified in standard spec 205.3.12.

32. Catch Basins, Manholes, and Inlets

Replace paragraph 12 with the following:

Payment for Catch Basins, Manholes, and Inlets bid items is full compensation for providing all submittals; materials, including all masonry, and concrete bricks, for Grade “A” concrete adjustments and monolithic concrete shimming; adjusting rings; conduit and sewer connections, steps, and other fittings; for providing and installing butyl rubber joints; for furnishing granular backfill, backfilling; all excavating, disposing of surplus material, and for cleaning out and restoring the work site; except that the department will pay for covers, salvaged covers including frames, grates and lids separately.

42. Manhole 9-Foot Special, Item SPV.0060.0003; 10-Foot Special, Item SPV.0060.0004

Replace paragraph three under section titled **E Payment** *with the following:*

Payment is full compensation for structure design; providing all materials, including all masonry, for Grade “A” concrete adjustments and monolithic concrete shimming; conduit and sewer connections, steps and other fittings; for furnishing all excavating and granular backfill; disposing of surplus material; and for cleaning out and restoring the work site. The department will pay for covers, including frames, grates, and lids separately.

43. Storm Sewer Structure M4, Item SPV.0060.0007; Structure M5, Item SPV.0060.0008

Replace paragraph three under section titled **E Payment** *with the following:*

Payment is full compensation for providing structure design; providing all materials, including all masonry, for Grade “A” concrete adjustments and monolithic concrete shimming; conduit and sewer connections, steps, and other fittings; for providing and installing butyl rubber joints; for furnishing all excavating, backfilling with granular backfill, disposing of surplus material, and for cleaning out and restoring the work site; except that the department will pay for covers, including frames, grates and lids separately.

64. Pay Plan Quantity.

A Bid Items Designated as Pay Plan Quantity

Replace standard spec109.1.1.2 with the following:

If the schedule of items designates a bid item with a **P** in the title, the department will not measure that bid item. The department will use the plan quantity, the approximate quantity shown on the schedule of items, for payment unless a contract revision affects a designated bid item.

If the engineer revises the contract under standard spec 104.2, the department will adjust the quantity of designated items that are affected by the revised work. The engineer will adjust the affected quantity, with a contract modification as defined in standard spec 101.3, regardless of the magnitude of the revised work, which may result in either an increase or a decrease from the quantity shown on the schedule of items. The department will measure revised work as specified in standard spec 109.1.1.1. If the engineer revises the contract to eliminate a designated item, the engineer will not pay for the designated item, except as specified in standard spec 109.5.

The approximate quantity shown on the schedule of items for a designated item is for information only and only an estimate. The engineer makes no guarantee that the quantity, which can be determined by computations based on contract information, will equal the approximate quantity shown on the schedule of items.

If the engineer or contractor believes that the quantity shown in the schedule of items varies significantly from the work required in the contract or a quantity discrepancy significantly changes the character of the work, then follow the procedures as outlined in standard spec 104.2.
SEF Rev. 14_1212

65. Excavation, Hauling, and Reuse of Solid Waste Soil, Item SPV.0035.0100.

A. General

A.1 Description

This special provision describes excavating, relocating, and reusing low-level contaminated soil on-site at the project.

Perform this work in accordance with the requirements of section 205 of the standard specifications 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 impacted soil.

A.2 Notice to the Contractor – Low-Level Contaminated Soil Locations Along New Storm Sewer Alignment

The department completed testing for soil contamination at locations within this project where excavation is required. Testing indicated that low-level contaminated soil (containing petroleum compounds and metals) is present in soil at the following locations as shown on the plans:

- Station 109+25 to 119+00 from project limits left to 140 feet right of reference line, from 0’ bgs to the maximum excavation depth.

- Station 120+00 to 123+00, from project limits left to 220 feet right of reference line, from 0’ bgs to the maximum excavation depth.

A.3 Notice to the Contractor – Low-Level Contaminated Soil Locations Along Existing Storm Sewer Alignment

The department completed testing for soil contamination at locations within this project where excavation is required. Testing indicated that low-level contaminated soil (containing petroleum compounds and metals) is present in soil at the following locations as shown on the plans:

- Station 109+25 to 113+50, from 140 feet to 250 feet right of reference line, from 0’ bgs to the maximum excavation depth.

- Station 114+60 to 116+30, from 200 feet to 240 feet right of reference line, from 0’ bgs to the maximum excavation depth.

- Station 117+30 to 117+60, from 200 feet to 240 feet right of reference line, from 0’ bgs to the maximum excavation depth.

- Station 118+50 to 121+25, from 200 feet to 240 feet right of reference line, from 0’ bgs to the maximum excavation depth.

- Station 122+15 to 125+50, from 110 feet to 240 feet right of reference line, from 0’ bgs to the maximum excavation depth.

If other signs of contamination are encountered at these locations or elsewhere on the project, terminate excavation activities in the area and notify the engineer.

A.4 Reuse of Solid Waste Soils
Low-level impacted soil excavated from the locations listed in A.2 and A.3 is characterized as Solid Waste Soil and shall be reused in the trench where the soil was excavated.

Excess soil from the new storm sewer trench shall be stockpiled on site in accordance with the ECIP. After the existing storm sewer has been removed, stockpiled soil shall be placed in the trench to bring the area up to grade.

Excess stockpiled soil that cannot be reused as trench backfill shall be hauled off site to a landfill for disposal.

Soils that are reused as project fill should not contain crushed asphalt or other non-exempt solid wastes.

A.4 Excavation Management Plan Approval
The excavation management plan for this project has been designed to minimize the off-site disposal of impacted 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 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.5 Coordination
Coordinate work under this contract with the WisDOT BTS environmental consultant. Determine the environmental consultant by contacting the following at least 30 days prior to the pre-construction conference:

Name:	Bryan Bergmann, P.G.
Address:	150 N. Patrick Blvd. Ste. 180, Brookfield, WI 53045
Phone:	262-901-2126
Fax:	262-879-1220
E-mail:	bbergmann@trcsolutions.com

The role of the environmental consultant will be limited to:

- Determining the location and limits of solid waste soil to be excavated and reused as fill based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;

- Documenting that activities associated with management of solid waste soil are in conformance with the solid waste management methods for this project as specified herein; and,

- Obtaining the necessary approvals for the reuse of solid waste soils from the WDNR.

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 specified above to the environmental consultant. Also notify the environmental consultant at least 3 calendar days prior to commencement of excavation activities in each solid waste soil area.

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

The environmental consultant will be responsible for obtaining the necessary approvals for on-site reuse of the excavated solid waste from the WDNR. Do not transport soil offsite without prior approval from the environmental consultant.

B. (Vacant)

C. Construction
Supplement subsection 205.3 of the standard specification with the following:

Control operations in the impacted areas to minimize the quantity of solid waste soil excavated and hauled for reuse within the project right-of-way.

The environmental consultant will periodically evaluate soil excavated from the area specified 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 soils designated by the environmental consultant for reuse. Use loading and hauling practices that are appropriate to prevent any spills or releases of soil during transit. Prior to transport, sufficiently dewater soils designated for on-site reuse so as not to contain free liquids.

D. Measurement
The department will not measure Excavation, Hauling, and Reuse of Solid Waste Soil. The department will use pay plan quantity according to the Pay Plan Quantity article.

E. Payment
The department will pay for plan quantities according to the Pay Plan Quantity article at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.0001	Excavation, Hauling, and Reuse of Solid Waste Soil	CY

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

66. Incentives/Disincentives for Final Completion of Work, Item SPV.0045.0001

A General
This special provision describes either an incentive payment or a disincentive pay reduction as specified below.

Complete all of the work as shown on plans on this contract prior to 12:01 AM, by June 19, 2016.

The completion time allowed for this contract is based on an expedited work schedule.

Under this Incentive/Disincentive plan, no time extensions will be granted for adverse weather conditions; for delays in material deliveries or for labor disputes unless it can be shown that such disputes are industry wide.

Each day shall be defined as a 24 hour period beginning at 12:01 AM.

The maximum incentive payment, as shown on the Schedule of Items, is for department accounting purposes. The actual incentive payment the contractor may receive shall be in accordance to section B of this provision.

Incentive payments will not be considered as part of the money value of the work completed for computing time extensions.

B Incentive Payment
The contractor shall be entitled to an incentive payment for completion of all work under this contract prior to 12:01 AM, June 19, 2016.

The incentive payment shall be paid at the rate of $10,000 per calendar day for each day or portion thereof, of completion prior to 12:01 AM June 19, 2016. The maximum amount of incentive payment shall not exceed $100,000.

C Disincentive Pay Reduction
Should the contractor fail to complete all of the work necessary to complete all work under this contract prior to 12:01 AM, June 19, 2016, the contractor shall be liable to the department for a pay reduction in the amount of $10,000 per day or portion thereof, for each calendar day after 12:01 AM, June 19, 2016 that work remains incomplete.

D Measurement
Incentive/Disincentive for final completion of work will be measured by the calendar day and will be paid for at the contract unit price per calendar day.

E Payment
The department will pay for incentives/disincentives for Final Completion at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0045.0001	Incentive/Disincentive for Final Completion	Day

The unit price per day based on the incentive pay adjustment shall be compensation in full for completing the work as hereinbefore specified.

The unit price per day based on the disincentive pay reduction shall be assessed for failing to complete all the work as hereinbefore specified.

67. Management of Solid Waste, Item SPV.0195.0001.

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 classified as solid waste will be encountered within the construction limits. The solid waste soil is contaminated with trichloroethene (TCE) and tetrachloroethene (PCE). 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:

Advanced Disposal Emerald Park Landfill
W124 S10629 124th St.
Muskego, Wisconsin 53150
(414) 529-1360

Waste Management Orchard Ridge Landfill
N96 W13503 County Line Road
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 Location Along New Storm Sewer Alignment
The department and others completed hazardous materials assessment for locations within this project where excavation is required. Investigation for soil and groundwater contamination was conducted at select locations. Results indicate that solid waste is present at the following locations as shown on the plans:

- Station 123+00 to 125+50 LM, from 20 feet to 120 feet right of reference line from 0 to 12+ feet bgs. Approximately 1,650 cubic yards (approximately 2,805 tons at an estimated 1.7 tons per cubic yard) of non-exempt solid waste will be excavated from this area for the installation of storm sewer. Groundwater at this location may be contaminated with petroleum, chlorinated solvents, and metals.

A.3 Notice to the Contractor – Solid Waste Location Along Existing Storm Sewer Alignment
The department and others completed hazardous materials assessment for locations within this project where excavation is required. Investigation for soil and groundwater contamination was conducted at select locations. Results indicate that solid waste is present at the following locations as shown on the plans:

- Station 116+30 to 117+30, from 200 feet to 250 feet right of reference line from 0 to 12+ feet bgs. Approximately 447 cubic yards (approximately 760 tons at an estimated 1.7 tons per cubic yard) of non-exempt solid waste will be excavated from this area for the installation of storm sewer. Groundwater at this location may be contaminated with petroleum, chlorinated solvents, and metals.

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

If obviously contaminated soils or other 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.

No active groundwater monitoring wells were observed within the construction limits. If active groundwater monitoring wells are encountered during construction, notify engineer and protect them 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 locations, conduct the dewatering in accordance with Section C below.

A.4 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.5 Coordination

Coordinate work under this contract with the environment consultant:

Consultant:	TRC Environmental Corporation
Address:	150 N. Patrick Blvd. Ste. 180, Brookfield, WI 53045
Contact:	Bryan Bergmann, P.G.
Phone:	262-901-2126
Fax:	262-879-1220
E-mail:	bbergmann@trcsolutions.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.6 Health and Safety Requirements
Supplement standard spec 107.1 with the following:

During excavation activities, expect to encounter historic fill contaminated with industrial wastes (foundry sand and slag) 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 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 will 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 will likely contain VOCs and metals. Such water may, with approval of 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 MMSD's requirements. Furnish, install, operate, maintain, disassemble, and remove treatment equipment necessary to comply with MMSD's requirements.

2. Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities.

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 the 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.0195.0001	Management of Solid Waste	Ton

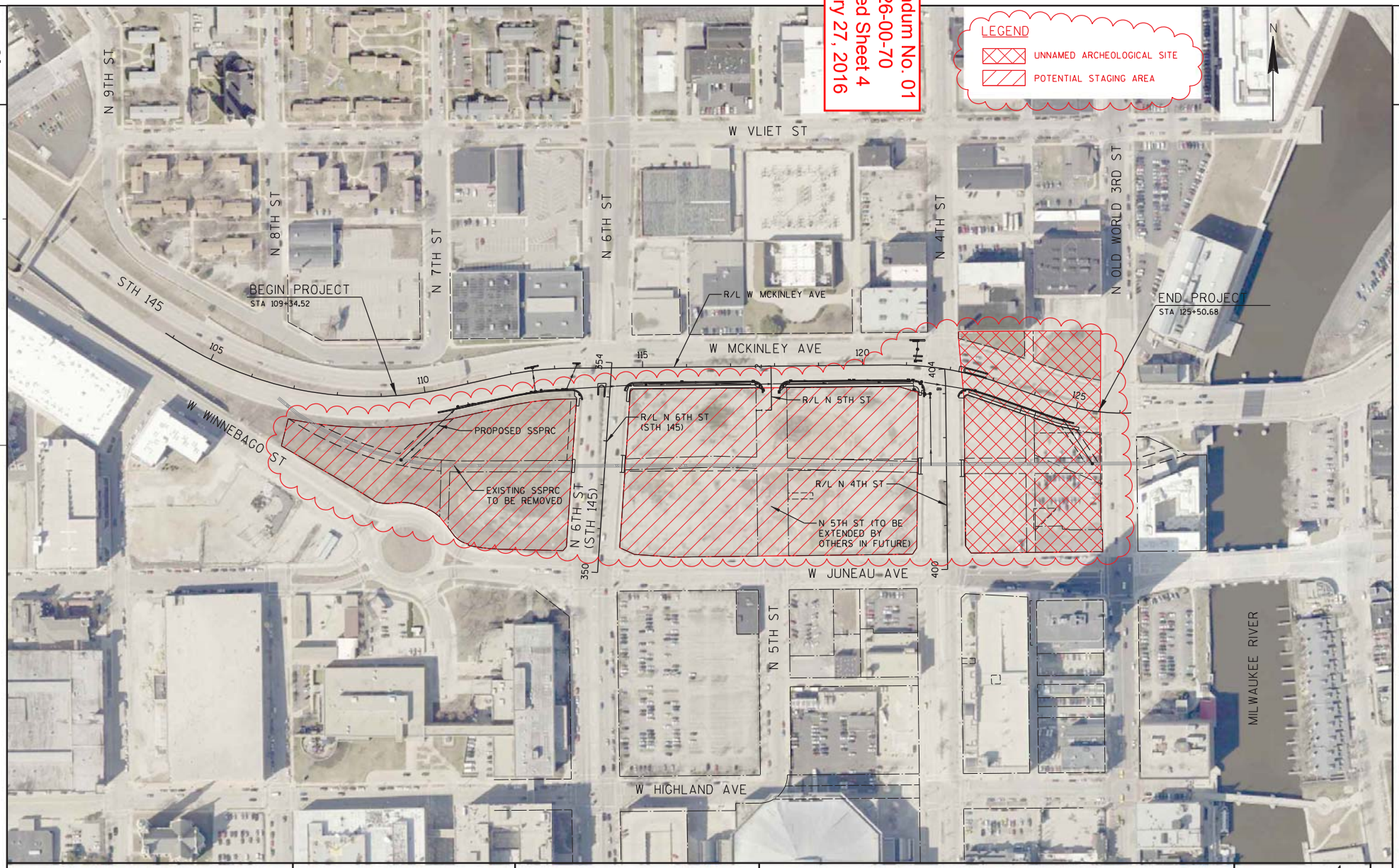
Payment is full compensation for excavating, segregating, loading, hauling, and landfill disposal of solid waste; obtaining solid waste collection and transportation service operating licenses; assisting in the collection of soil samples for field evaluation; and dewatering of soils prior to transport,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

Schedule of Items
Attached, dated January 27, 2016, are the revised Schedule of Items Pages 1 - 14.

Plan Sheets
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 4, 85 - 93, 103, 107, 112, and 113
Added: 24A, 24B, 24C, 69A, 72A, 176A and 182A

END OF ADDENDUM

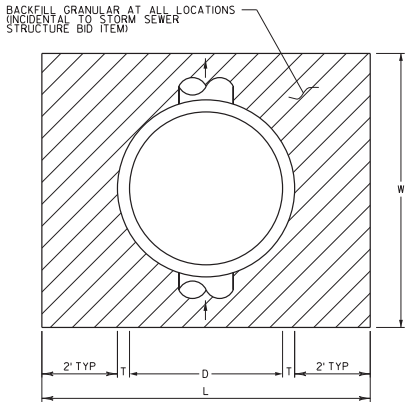
Addendum No. 01
ID 2126-00-70
Revised Sheet 4
January 27, 2016



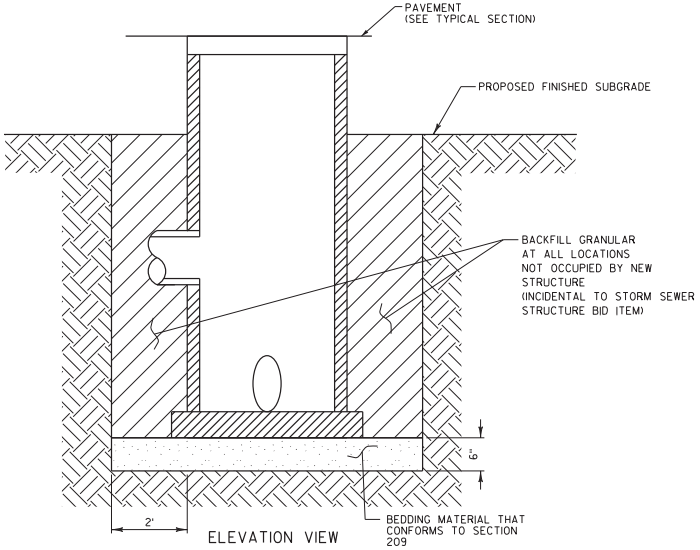
PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	PROJECT OVERVIEW	SHEET 4	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\PS&E\Final PSE\ADDENDUM WORK\020201_PO.dgn PLOT DATE : 1/22/2016 PLOT BY : wwolak PLOT NAME : PLOT SCALE : 1:200

WISDOT/CADDS SHEET 42

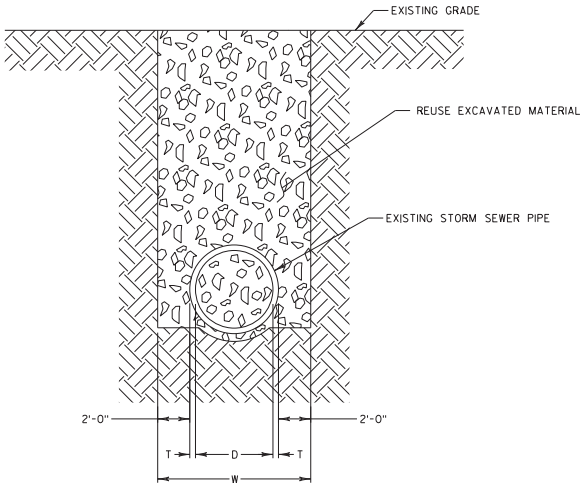


PLAN VIEW

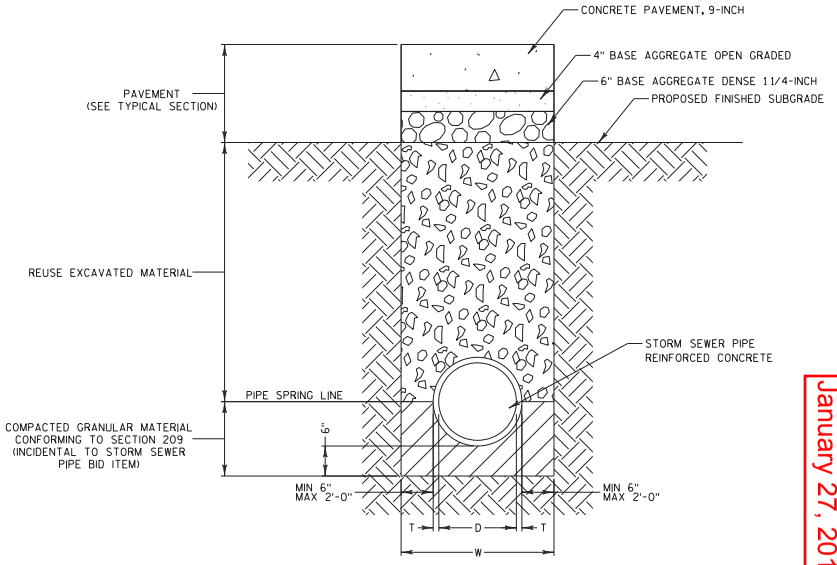


ELEVATION VIEW

BACKFILL GRANULAR DETAIL - PROPOSED STORM SEWER STRUCTURES



BACKFILL DETAIL - EXISTING STORM SEWER TRENCH AND MANHOLES



BACKFILL DETAIL - PROPOSED STORM SEWER TRENCH

Addendum No. 01
ID 2126-00-70
Added Sheet 24A
January 27, 2016

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS - STORM SEWER	SHEET 24A	E

BACKFILL FOR PROPOSED STORM SEWER PIPES AND WATER MAIN (FOR INFORMATION ONLY)

PIPE DIAMETER D INCHES	WALL THICKNESS T INCHES	BOTTOM TRENCH WIDTH W FT	AVERAGE PIPE DEPTH (INVERT TO SUBGRADE) FT	EXCAVATION AREA SF	PIPE LENGTH FT	PIPE AREA SF	EXCAVATION CY	BACKFILL GRANULAR FROM PIPE BEDDING TO PIPE SPRING LINE CY	AVERAGE DEPTH FROM SUBGRADE TO PIPE SPRING LINE FT	BACKFILL WITH EXCAVATED MATERIAL ASSUME 10% EXPANSION CY	COMMENTS
12	2	2.33	2.29	6.89	704	1.40	180	53	1.79	100	
18	2.5	3.42	9.58	35.19	220	2.89	287	29	8.83	258	
24	3	4.50	12.95	61.65	6	4.91	14	1	11.95	13	
72	7.75	11.29	17.67	212.43	370	41.76	2,911	355	14.67	2,182	
84	8	12.33	11.02	150.26	800	54.54	4,452	897	7.52	2,133	EXCLUDES 119+00-120+00 AND 123+00-125+50
4'x12' CONCRETE COMBINATION SEWER	10/9	18.00	11.40	229.20	124	76.31	1,053	97	9.40	662	
84	8	12.33	11.44	155.44	100	54.54	576	112	7.94	288	119+00-120+00, PETROLEUM CONTAMINATED SOIL
84	8	12.33	11.04	150.51	296	54.54	1,650	332	7.54	792	123+00-125+50, MANAGEMENT OF SOLID WASTE
WATER MAINS 8-INCH, 12-INCH AND 30-INCH							660	650			BACKFILL TO SUBGRADE WITH BACKFILL GRANULAR
PROPOSED PIPE TOTAL							**11,783**	**2,526**		**6,428**	

BACKFILL FOR EXISTING STORM SEWER PIPES (FOR INFORMATION ONLY)

PIPE DIAMETER D INCHES	WALL THICKNESS T INCHES	BOTTOM TRENCH WIDTH W FT	AVERAGE PIPE DEPTH (INVERT TO SUBGRADE OR SURFACE) FT	EXCAVATION AREA SF	PIPE LENGTH FT	PIPE AREA SF	EXCAVATION CY	BACKFILL WITH EXCAVATED MATERIAL TO SUBGRADE OR SURFACE ASSUME 10% EXPANSION CY	COMMENTS
12	2	2.33	5.77	13.83	694	1.40	319	391	
15	2.25	2.88	4.72	14.13	25	2.07	11	14	
18	2.5	3.42	7.75	27.22	348	2.89	314	386	
24	3	4.50	13.45	61.65	6	4.91	13	15	
72	7.75	11.29	18.87	220.33	599	41.76	3,962	5,377	
84	8	12.33	13.54	175.17	576	54.54	2,573	4,111	EXCLUDES 116+30-117+30
84	8	12.33	13.54	175.17	100	54.54	447	714	116+30-117+30, MANAGEMENT OF SOLID WASTE
EXISTING PIPE TOTAL							**7,639**	**11,008**	

Addendum No. 01
ID 2126-00-70
Added Sheet 24B
January 27, 2016

BACKFILL FOR PROPOSED STORM SEWER STRUCTURES (FOR INFORMATION ONLY)

DESCRIPTION	DIAMETER (D) FT	WALL THICKNESS (T) INCH	L (D+2T)+2*2 FT	W (D+2T)+2*2 FT	EXCAVATION AREA L X W SF	STRUCTURE AREA (3.14*(D+2T)^2)/4 SF	TOTAL NUMBER OF STRUCTURES	AVERAGE DEPTH FROM SUBGRADE TO BOTTOM OF STRUCTURE FT	EXCAVATION CY	BACKFILL GRANULAR TO SUBGRADE CY	BACKFILL GRANULAR TO SUBGRADE TON
INLETS 4-FT DIAMETER	4	5	8.8	8.8	77	18	5	2.38	34	26	44
MANHOLES 4-FT DIAMETER	4	5	8.8	8.8	77	18	2	10.28	59	45	77
MANHOLES 5-FT DIAMETER	5	6	10.0	10.0	100	28	1	9.43	35	25	43
MANHOLES 6-FT DIAMETER	6	7	11.2	11.2	125	40	1	11.19	52	35	60
MANHOLES 9-FT DIAMETER SPECIAL	9	10	14.7	14.7	216	89	2	25.59	409	241	410
MANHOLES 10-FT DIAMETER SPECIAL	10	11	15.8	15.8	250	110	6	14.19	788	441	750
CATCH BASIN TYPE 44-A	4	5	8.8	8.8	77	18	6	9.68	166	127	216
CATCH BASIN TYPE 44-B	4	5	8.8	8.8	77	18	6	6.39	109	84	143
STORM SEWER STRUCTURE M4					430		1	11.69	186	186	316
STORM SEWER STRUCTURE M5					430		1	11.10	177	177	301
PROPOSED STRUCTURES TOTAL									**2,015**	**1,387**	**2,360**

BACKFILL FOR EXISTING STORM SEWER STRUCTURES (FOR INFORMATION ONLY)

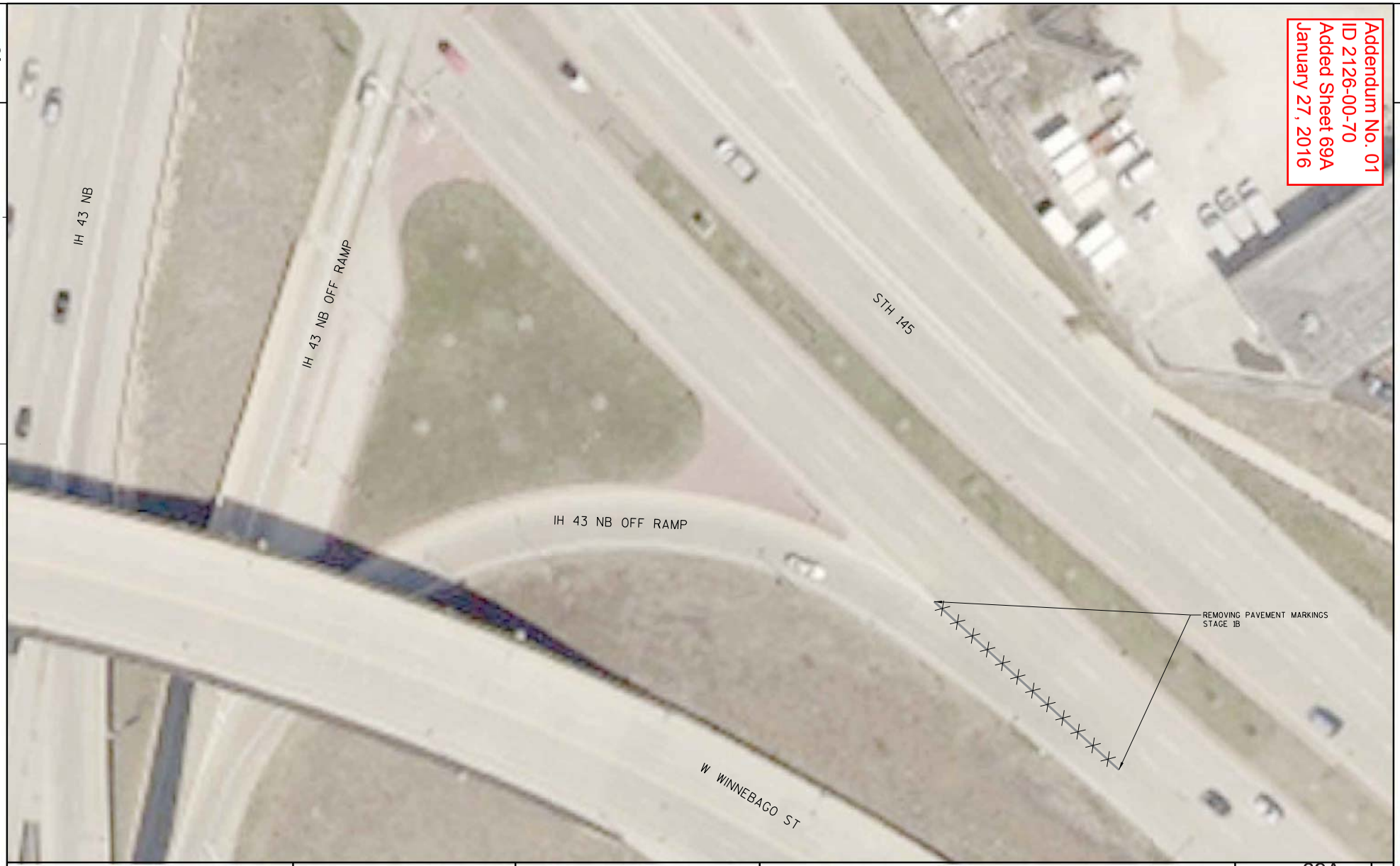
DESCRIPTION	DIAMETER (D) FT	WALL THICKNESS (T) INCH	L (D+2T)+2*2 FT	W (D+2T)+2*2 FT	EXCAVATION AREA L X W SF	STRUCTURE AREA (3.14*(D+2T)^2)/4 SF	TOTAL NUMBER OF STRUCTURES	AVERAGE DEPTH FROM SURFACE TO BOTTOM OF STRUCTURE FT	EXCAVATION CY	BACKFILL WITH EXCAVATED MATERIAL TO SURFACE ASSUME 10% EXPANSION CY
MANHOLES 9-FT DIAMETER	9	10	14.7	14.7	216	89	2	11.19	105	197
MANHOLES 10-FT DIAMETER	10	11	15.8	15.8	250	110	2	11.19	116	228
EXISTING STRUCTURES TOTAL									**221**	**425**

EXCAVATION AND BACKFILL SUMMARY

	CY
PROPOSED PIPE EXCAVATION	11,783
EXISTING PIPE EXCAVATION	7,639
PROPOSED STRUCTURE EXCAVATION	2,015
EXISTING STRUCTURE EXCAVATION	221
TOTAL EXCAVATION	**21,658**
UNUSABLE MATERIAL TO LANDFILL	2,673
TOTAL USABLE MATERIAL	**18,985**
PROPOSED PIPE BACKFILL WITH EXISTING MATERIAL	6,428
EXISTING PIPE BACKFILL WITH EXISTING MATERIAL	11,008
EXISTING STRUCTURE BACKFILL WITH EXISTING MATERIAL	425
TOTAL BACKFILL REQUIRED	**17,861**
EXCESS MATERIAL TO LANDFILL	**1,124**

* ESTIMATED QUANTITIES SHOWN FOR INFORMATION ONLY
PAYMENT IS INCIDENTAL TO THE RESPECTIVE STORM SEWER BID ITEM

Addendum No. 01
ID 2126-00-70
Added Sheet 24C
January 27, 2016



Addendum No. 01
ID 2126-00-70
Added Sheet 69A
January 27, 2016

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	PAVEMENT MARKING REMOVALS	SHEET 69A	E

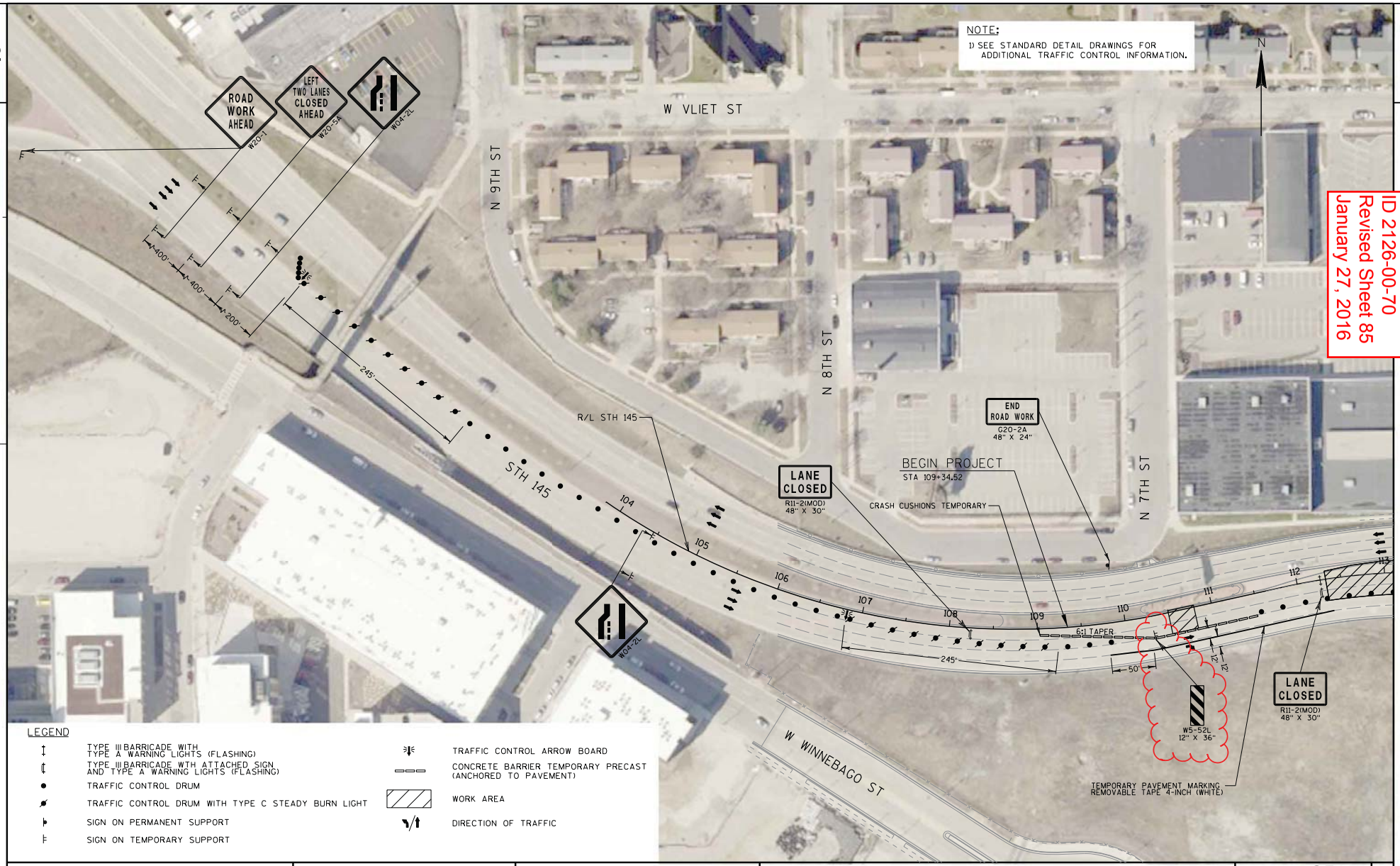
FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\024500_PM.dgn PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:40

WISDOT/CADDS SHEET 42

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 72A	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\024510_PM.dgn PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:40

WISDOT/CADDS SHEET 42

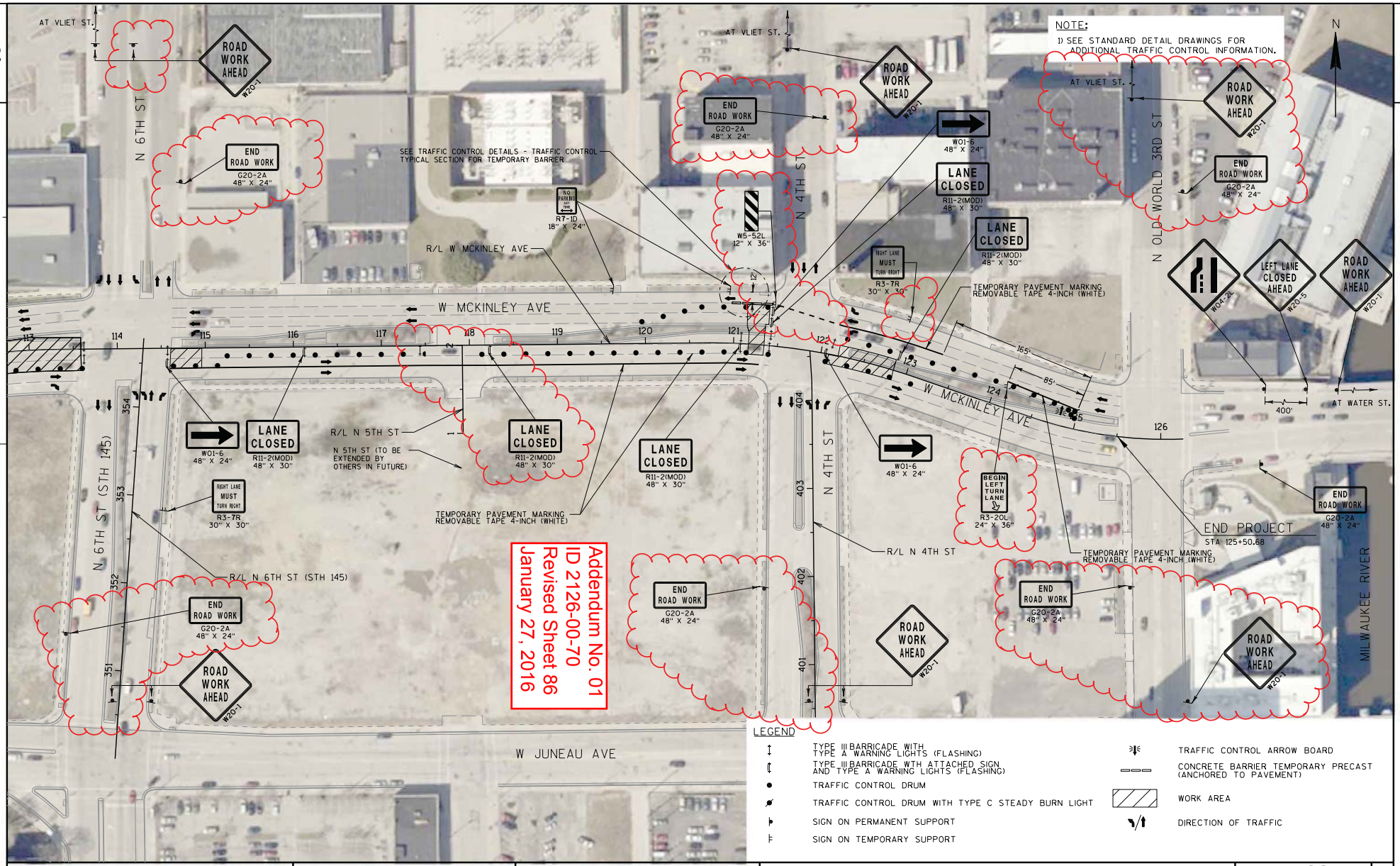


Addendum No. 01
ID 2126-00-70
Revised Sheet 85
January 27, 2016

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1A	SHEET 85	E

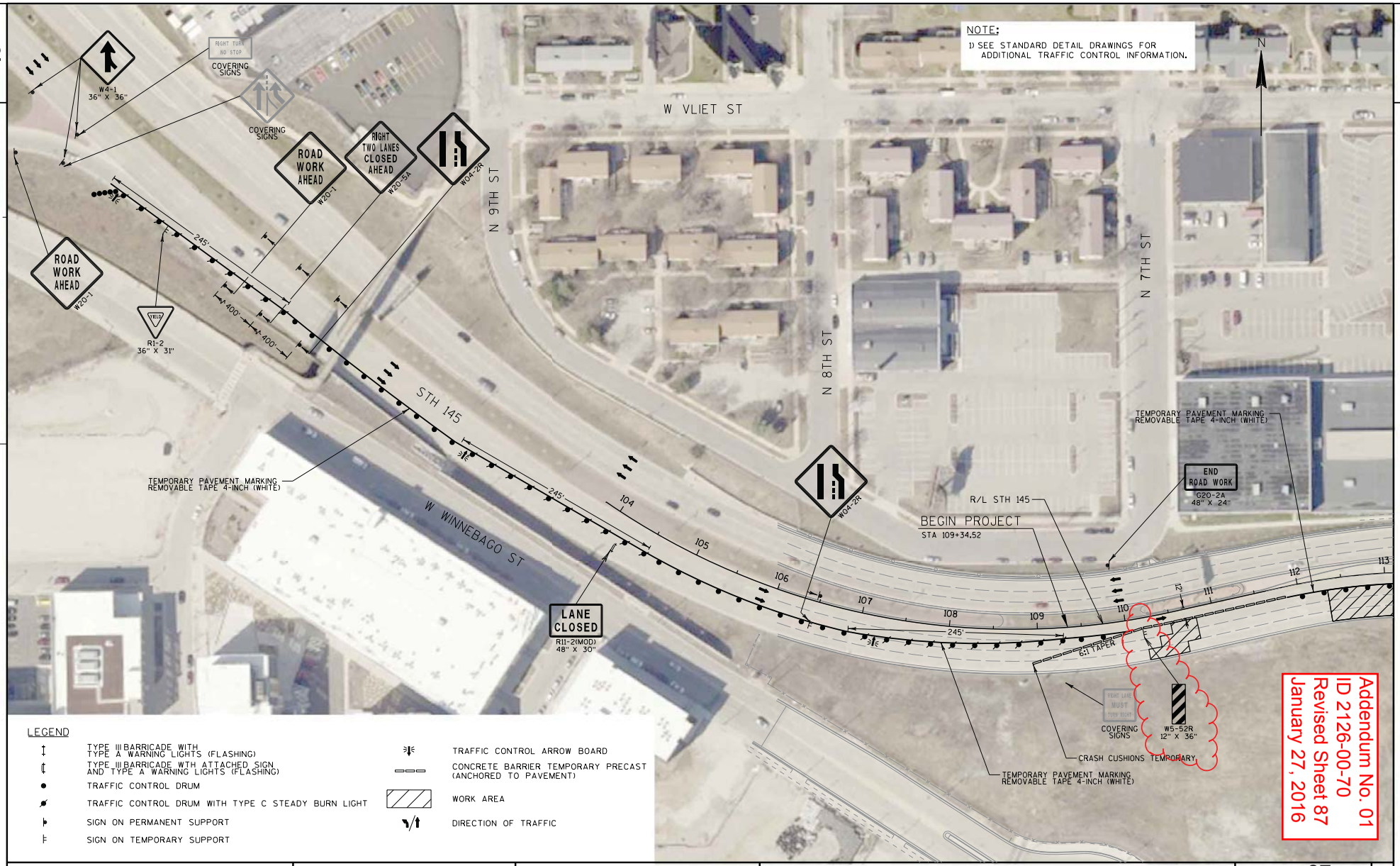
FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\025101_TC.DGN PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42



PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1A	SHEET 86	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\025102_TC.DGN PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100



LEGEND

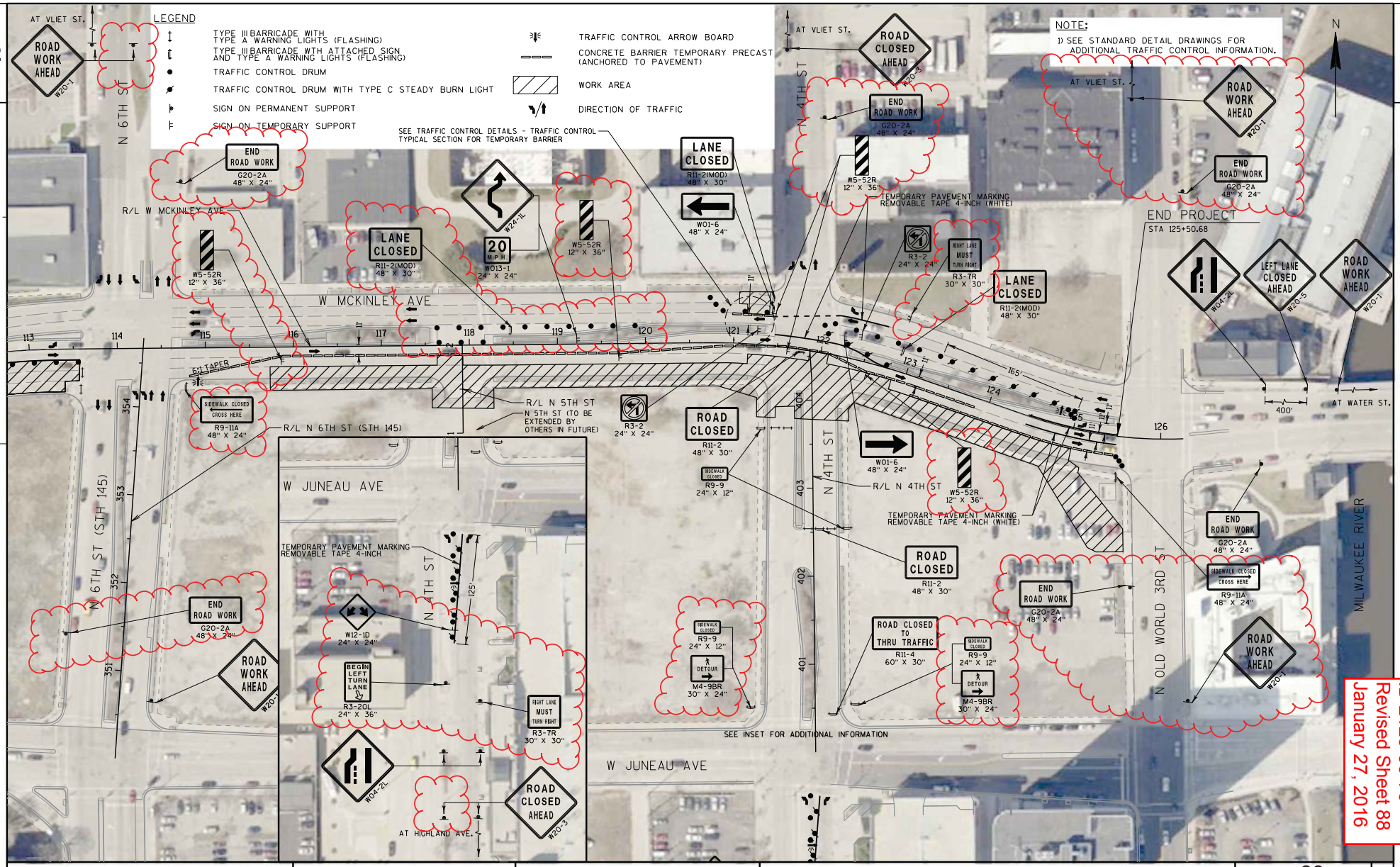
- TYPE III BARRICADE WITH TYPE A WARNING LIGHTS (FLASHING)
- TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE A WARNING LIGHTS (FLASHING)
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL ARROW BOARD
- CONCRETE BARRIER TEMPORARY PRECAST (ANCHORED TO PAVEMENT)
- WORK AREA
- DIRECTION OF TRAFFIC

Addendum No. 01
ID 2126-00-70
Revised Sheet 87
January 27, 2016

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1B	SHEET 87	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\025110_TC.DGN PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

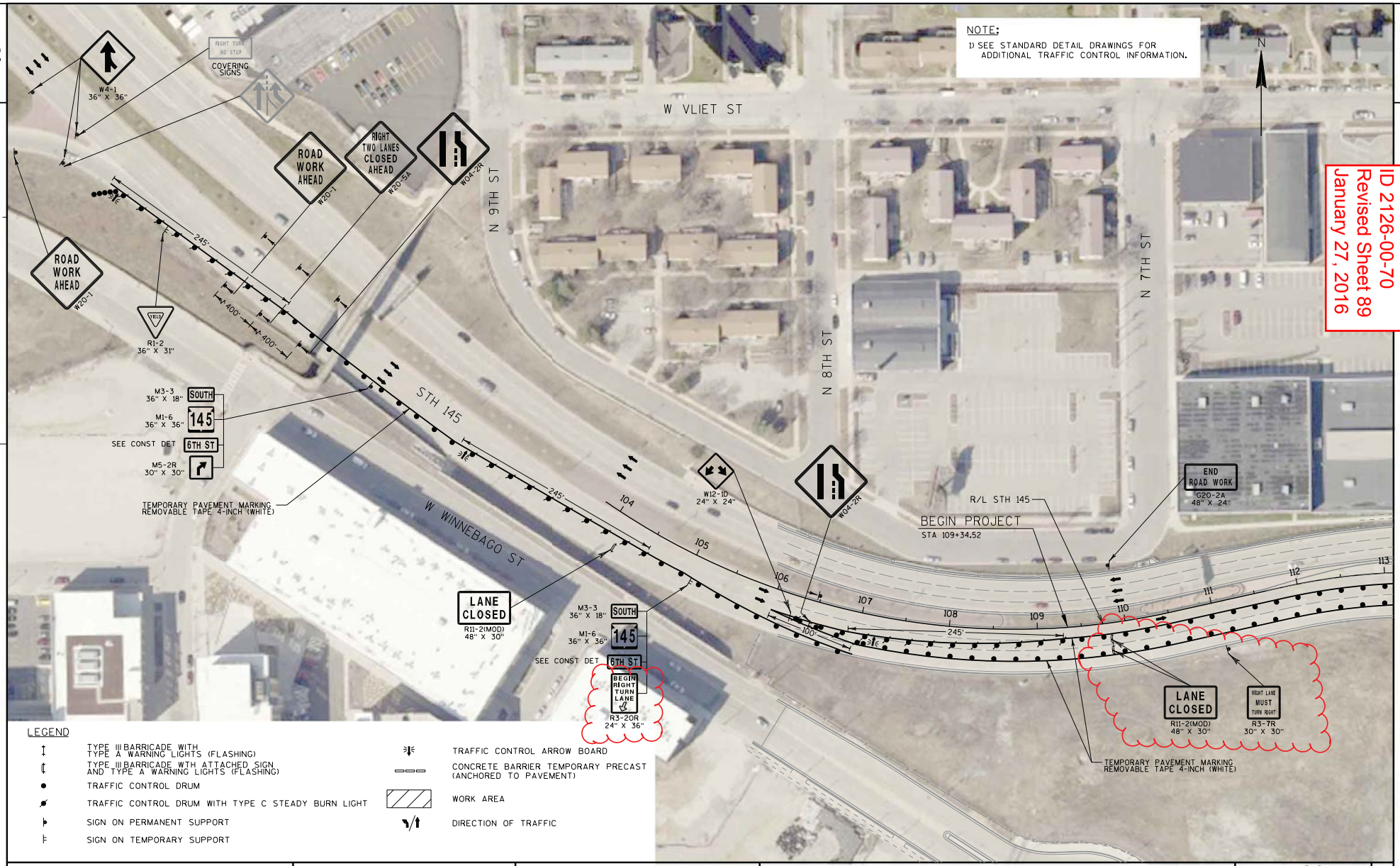


Addendum No. 01
ID 2126-00-70
Revised Sheet 88
January 27, 2016

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1B	SHEET 88	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\025111_TC.DGN PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

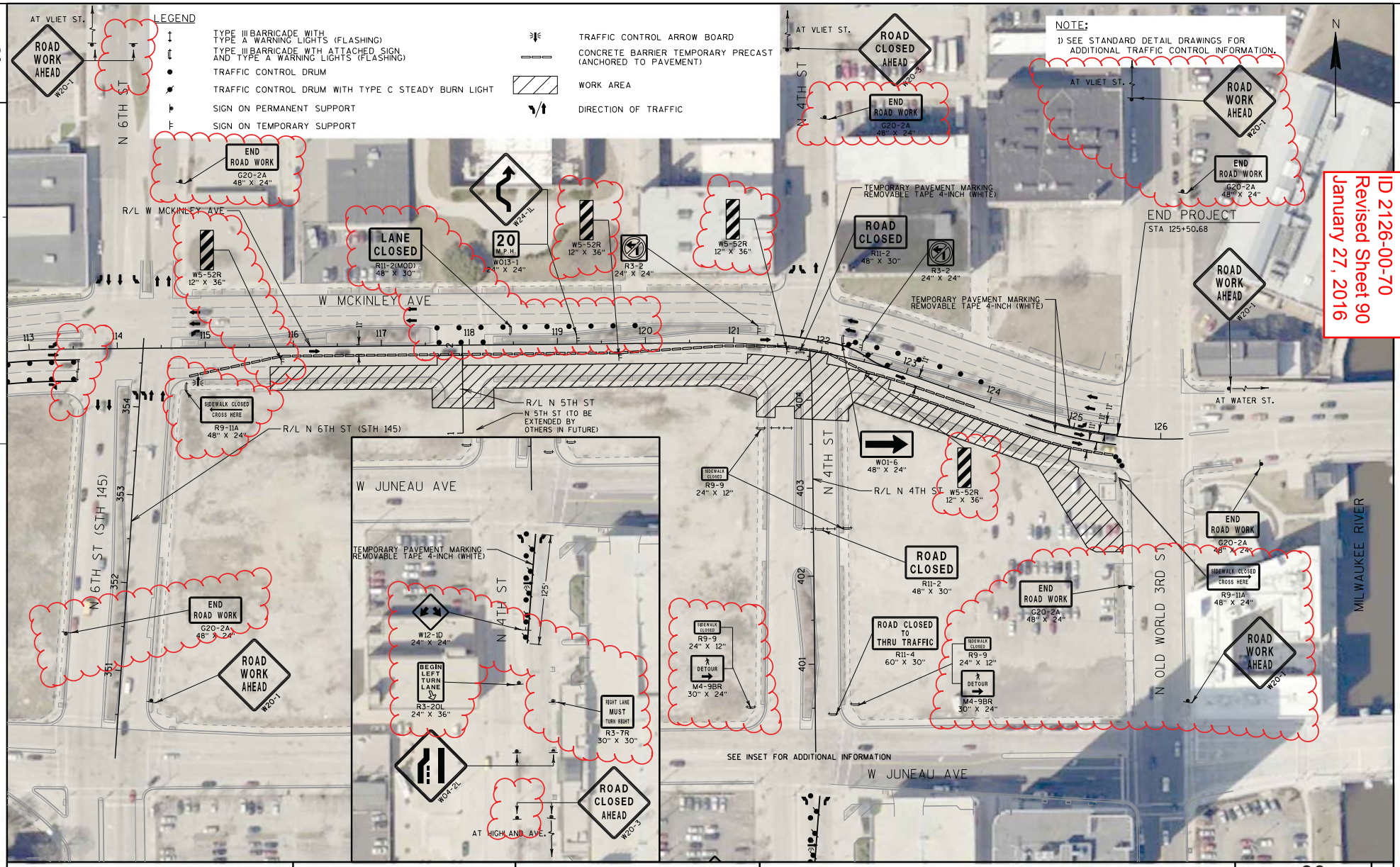


Addendum No. 01
ID 2126-00-70
Revised Sheet 89
January 27, 2016

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1C	SHEET 89	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\025120_TC.DGN PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100

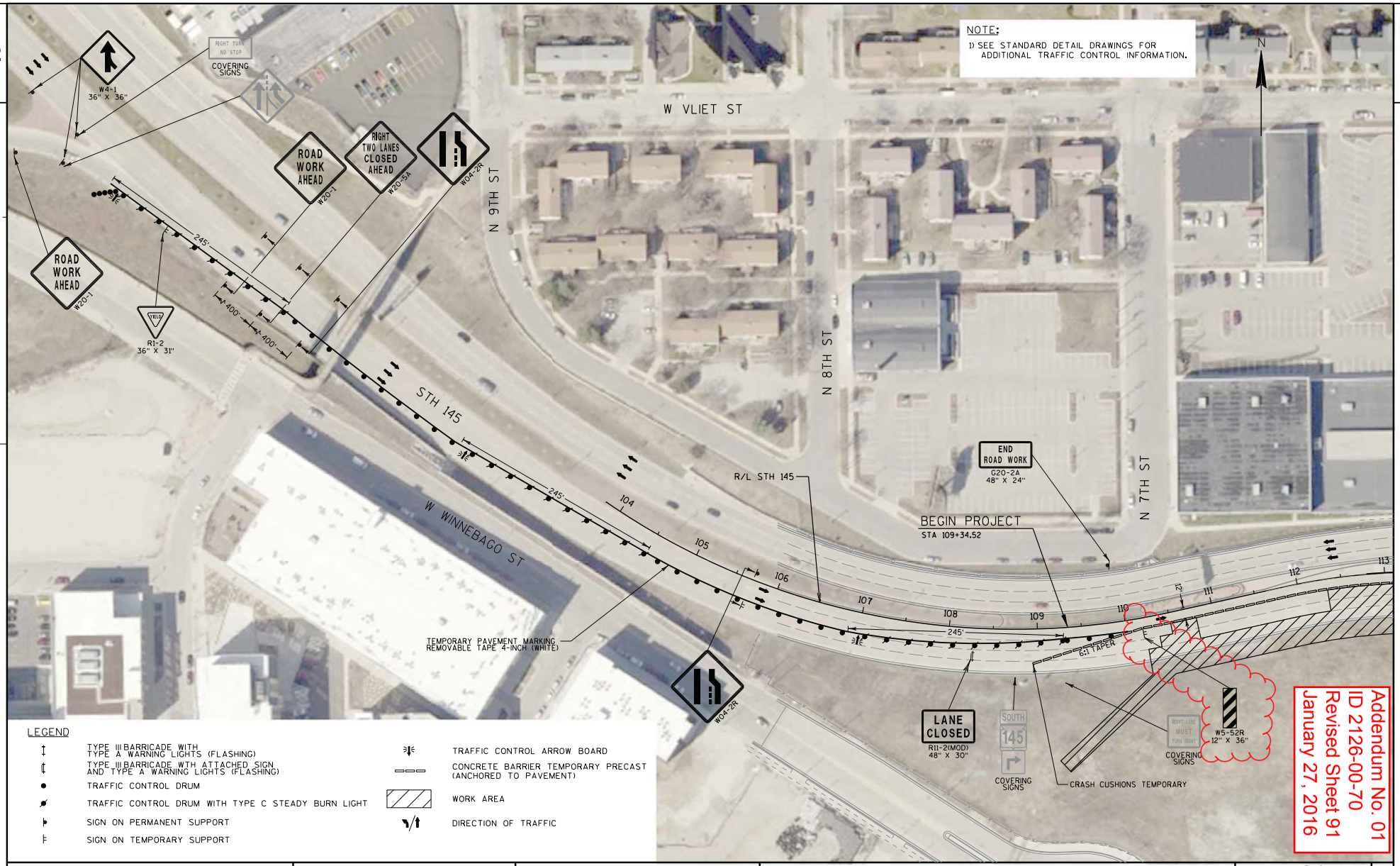
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 2126-00-70
Revised Sheet 90
January 27, 2016

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1C	SHEET 90	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\025121_TC.DGN PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100

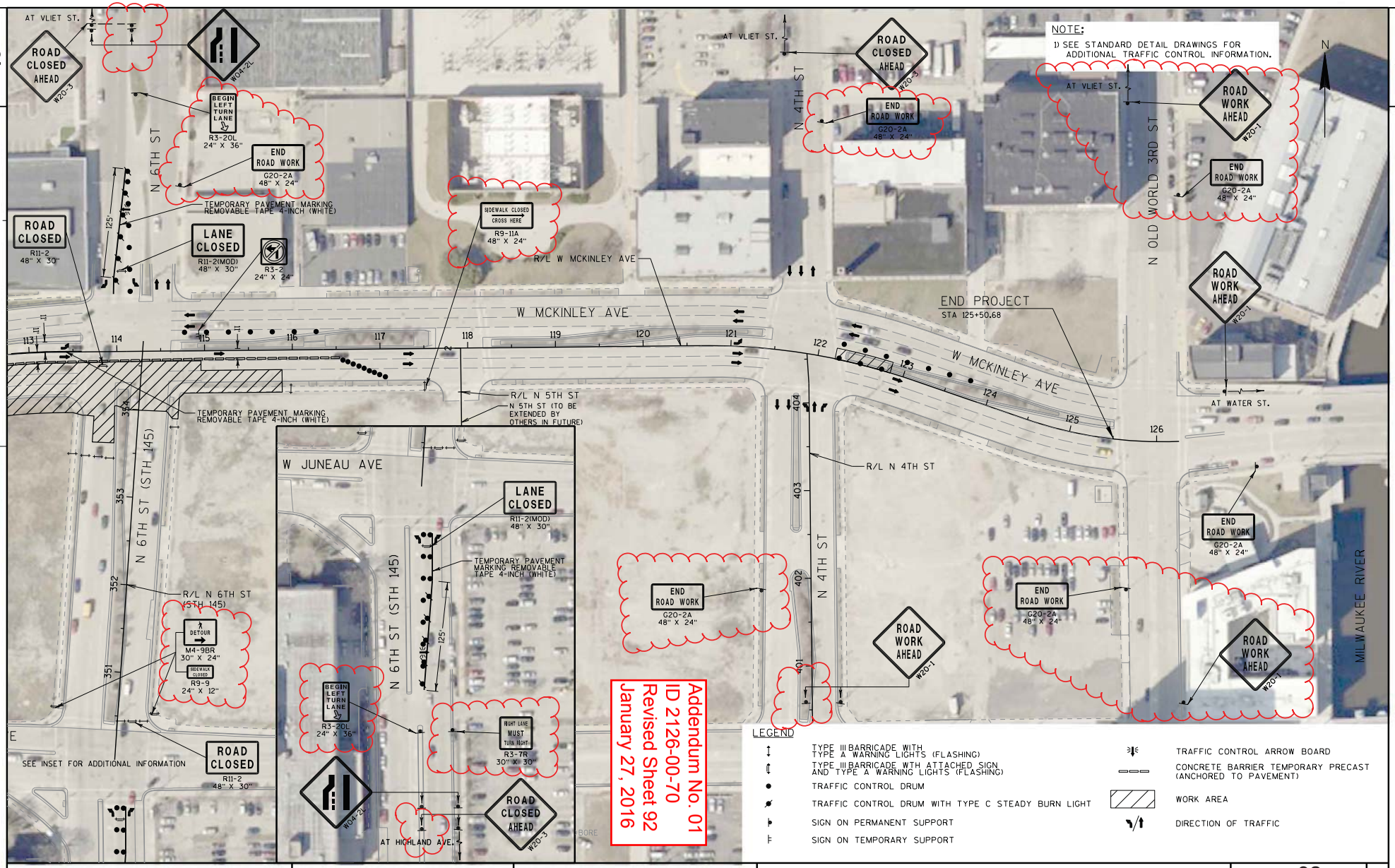


Addendum No. 01
ID 2126-00-70
Revised Sheet 91
January 27, 2016

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 91	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\025200_TC.DGN PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

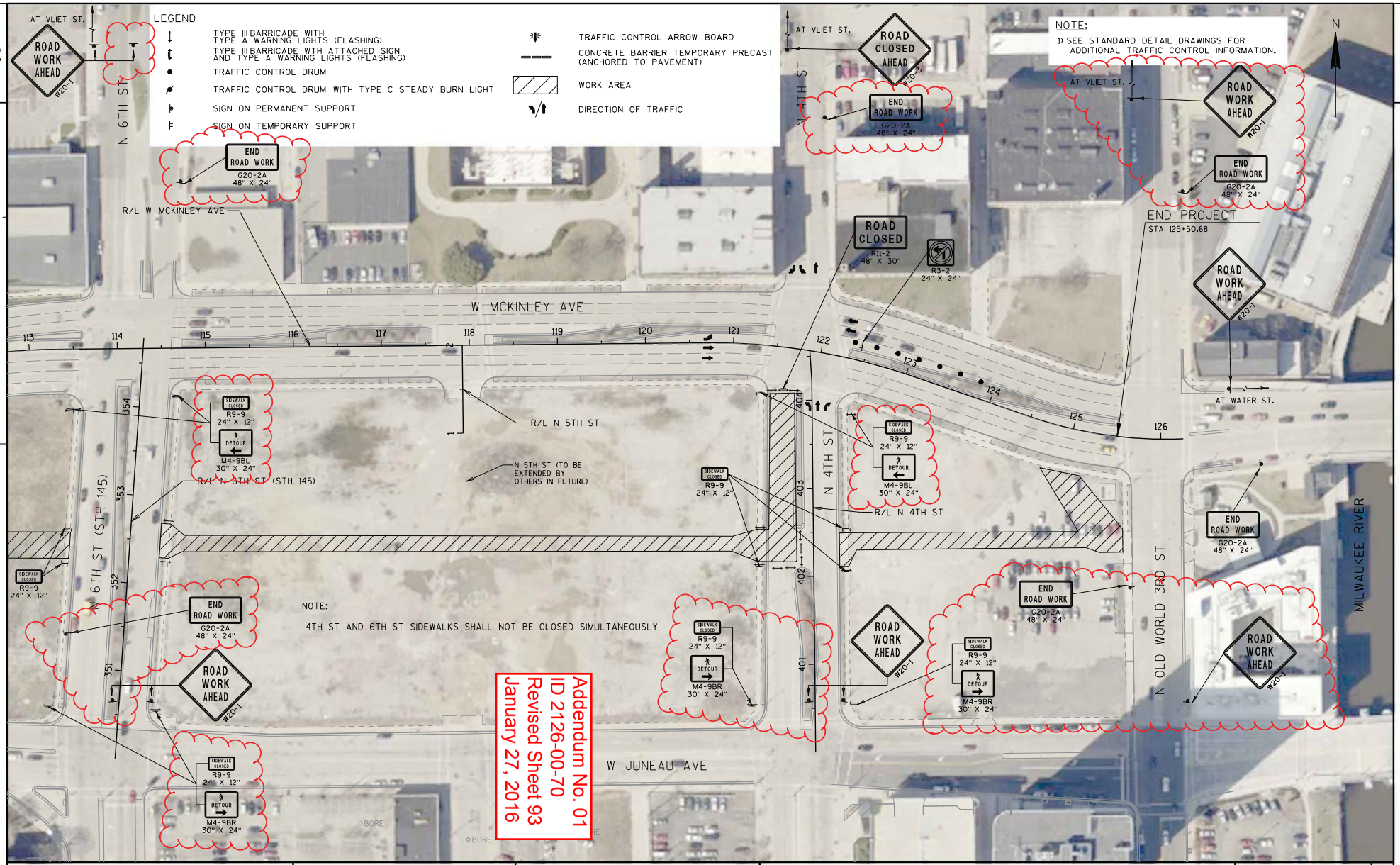


Addendum No. 01
ID 2126-00-70
Revised Sheet 92
January 27, 2016

PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 92	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\025201_TC.DGN PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42



PROJECT NO: 2126-00-70	HWY: W MCKINLEY AVE	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3	SHEET 93	E

FILE NAME : S:\DOT\DOT_SE\150271 Marq IC Park East Fwy Drainage\DGN FILES\Plansheets\025300_TC.DGN PLOT DATE : 1/25/2016 PLOT BY : nbobinski PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

2126-00-70 MCKINLEY AVENUE
EARTHWORK SUMMARY

LOCATION	(1) 205.0100 EXCAVATION COMMON CY	(2) SPV.0035.0001 EXCAVATION, HAULING, AND REUSE OF SOLID WASTE SOIL CY	(2) 205.0501.S EXCAVATION, HAULING, AND DISPOSAL (BIOREMEDIATION) OF PETROLEUM CONTAMINATED SOIL TON	(2) SPV.0195.0001 MANAGEMENT OF SOLID WASTE TON	624.0100* WATER MGAL
ROADWAY	3,637	--	--	--	15
PROJECT 2126-00-70	--	18,985	--	--	76
116+30 TO 117+30	--	--	--	760	2
119+00 TO 120+00	--	--	2,890	--	7
123+00 TO 125+50	--	--	--	2,805	7
TOTALS CATEGORY 0010	**3,637**	**18,985**	**2,890**	**3,565**	**107**

(1) EXCAVATION COMMON ESTIMATED BASED ON PAVEMENT REMOVAL AREA x 19 INCH DEPTH, PLUS SIDEWALK REMOVAL AREA x 9 INCH DEPTH
(2) SEE SHEETS 24B & 24C FOR CONTAMINATED SOIL VOLUME CALCULATIONS (ASSUMED 1.7 TONS PER CUBIC YARD)

*ADDITIONAL QUANTITIES LISTED ELSEWHERE. SEE "**AGGREGATE ITEMS**" AND "**DRIVEWAYS**"

BREAKER RUN

LOCATION	311.0110 BREAKER RUN TON
UNDISTRIBUTED	2,000
TOTAL CATEGORY 0010	**2,000**

NOTE:
USE AS ROADWAY SUBGRADE AT THE DISCRETION OF THE ENGINEER

Addendum No. 01
ID 2126-00-70
Revised Sheet 103
January 27, 2016

CONCRETE CURB AND GUTTER

	601.0331 CONCRETE CURB & GUTTER 31-INCH	601.0600 CONCRETE CURB PEDESTRIAN
	LF	LF
STAGE 1	915	--
STAGE 2	627	14
TOTALS CATEGORY 0010	**1,542**	**14**

CONCRETE SIDEWALK

	602.0410 CONCRETE SIDEWALK 5-INCH	SPV.0165.0001 COLORED AND STAMPED CONCRETE SIDEWALK 5-INCH
	SF	SF
STAGE 1	4,942	235
STAGE 2	1,265	--
STAGE 3	180	--
TOTAL CATEGORY 0010	**6,387**	**235**

PIPE UNDERDRAIN ITEMS

	612.0106 PIPE UNDERDRAIN 6-INCH	645.0111 GEOTEXTILE FABRIC TYPE DF SCHEDULE A
	LF	SY
STAGE 1	200	139
STAGE 2	235	163
TOTALS CATEGORY 0010	**435**	**302**

MOBILIZATION

PROJECT ID	DESCRIPTION	619.1000 MOBILIZATION EACH
2126-00-70	MCKINLEY	1
TOTAL CATEGORY 0010		**1**

CONCRETE MEDIAN SLOPED NOSE

STATION	LOCATION	OFFSET	TYPE	620.0300 CONCRETE MEDIAN SLOPED NOSE SF
114+10	MCKINLEY	40' RT	2	148
121+75	MCKINLEY	46' RT	2	45
122+25	MCKINLEY	3' LT	2	178
TOTAL CATEGORY 0010				**371**

DUST CONTROL SURFACE TREATMENT

STAGE	LOCATION	623.0200 DUST CONTROL SURFACE TREATMENT SY
STAGE 1	MCKINLEY	3,579
STAGE 2	MCKINLEY	1,966
STAGE 3	MCKINLEY	398
UNDISTRIBUTED	MCKINLEY	2,544
TOTAL CATEGORY 0010		**8,487**

MOBILIZATIONS EROSION CONTROL

PROJECT ID	DESCRIPTION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
2126-00-70	MCKINLEY	1	2
TOTALS CATEGORY 0010		**1**	**2**

FENCE SAFETY

LOCATION	616.0700.S FENCE SAFETY LF
UNDISTRIBUTED	1000
TOTAL CATEGORY 0010	**1000**

Addendum No. 01
ID 2126-00-70
Revised Sheet 107
January 27, 2016

EROSION CONTROL

	628.1504 SILT FENCE	628.1520 SILT FENCE MAINTENANCE	628.7005 INLET PROTECTION TYPE A	628.7015 INLET PROTECTION TYPE C
	LF	LF	EACH	EACH
STAGE 1	682	682	18	42
STAGE 2	694	694	--	--
STAGE 3	2,429	2,429	--	--
UNDISTRIBUTED	750	750	--	--
TOTALS CATEGORY 0010	**4,555**	**4,555**	**18**	**42**

RESTORATION ITEMS

	625.0100 TOPSOIL SY	629.0205 FERTILIZER TYPE A CWT	631.1000 SOD LAWN SY
UNDISTRIBUTED	1000	1	1,000
TOTALS CATEGORY 0010	**1,000**	**1**	**1,000**

TRACKING PADS

LOCATION	628.7560 TRACKING PADS EACH
UNDISTRIBUTED	4
TOTAL CATEGORY 0010	**4**

PERMANENT SIGNING

SIGN #	SIGN CODE	SIGN SIZE IN		637.2210 SIGNS TYPE II REFLECTIVE H SF	634.0616 POSTS WOOD 4X6-IN X 16 FT EACH	634.0618 POSTS WOOD 4X6-IN X 18 FT EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
P100	R5-1A	42 X 30	WRONG WAY	8.75	1	--		
P101			ROUTE ASSEMBLY		--	--		
	M1-6	36 X 36	STH 145	9.00	--	1		
	M3-3	36 X 18	SOUTH	4.50	--	--		
	M6-1	30 X 30	RIGHT ARROW	6.25	--	--		
P102	R5-1	30 X 30	DO NOT ENTER	6.25	--	--	P101	MOUNT ON BACK
TOTALS CATEGORY 0010				**34.75**	**1**	**1**		

TRAFFIC CONTROL COVERING SIGNS

LOCATION	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH
STAGE 1B	3
STAGE 2	2
TOTALS CATEGORY 0010	**5**

TRAFFIC CONTROL DETOUR SIGNS

DESCRIPTION	DURATION DAYS	643.3000 TRAFFIC CONTROL DETOUR SIGNS NUMBER	643.3000 TRAFFIC CONTROL DETOUR SIGNS DAYS	643.1050 TRAFFIC CONTROL SIGNS PCMS NUMBER	643.1050 TRAFFIC CONTROL SIGNS PCMS DAYS
DETOUR (STAGE 2)	35	106	3710	--	--
STAGE 1A, 1B, 1C	61	--	--	1	61
TOTALS CATEGORY 0010			**3710**		**61**

REMOVING SIGNS

SIGN #	SIGN CODE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
R101	J3-1	1	1		STH 145 ROUTE ASSEMBLY
R102	R5-1	1	--	R101	DO NOT ENTER
TOTALS CATEGORY 0010		**2**	**1**		

TRAFFIC CONTROL

PROJECT ID	DESCRIPTION	643.0200 TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE (2126-00-70) DAYS	643.2000 TRAFFIC CONTROL DETOUR (2126-00-70) EACH
2126-00-70	MCKINLEY	116	1
TOTALS CATEGORY 0010		**116**	**1**

TRAFFIC CONTROL ITEMS

	603.8000 CONCRETE BARRIER TEMPORARY DELIVERED DAYS	603.8000 CONCRETE BARRIER TEMPORARY DELIVERED LF	603.8125 BARRIER PRECAST INSTALLED LF	614.0905 CRASH CUSHIONS TEMPORARY EACH	643.0300 TRAFFIC CONTROL DRUMS NUMBER	643.0300 TRAFFIC CONTROL DRUMS DAYS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NUMBER	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAYS	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NUMBER	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAYS	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C NUMBER	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAYS	643.0800 TRAFFIC CONTROL ARROW BOARDS NUMBER	643.0800 TRAFFIC CONTROL ARROW BOARDS DAYS	643.0900 TRAFFIC CONTROL SIGNS NUMBER	643.0900 TRAFFIC CONTROL SIGNS DAYS	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF
STAGE 1A	8	300	300	1	110	880	19	152	38	304	24	192	3	24	46	368	--
STAGE 1B	8	1500	1500	1	116	928	20	160	40	320	46	368	6	48	63	504	--
STAGE 1C	45	--	--	--	139	6255	18	810	36	1620	43	1935	5	225	64	2880	6
STAGE 2	35	938	938	1	109	3815	16	560	32	1120	41	1435	5	175	48	1680	--
STAGE 3	20	--	--	--	7	140	24	480	48	960	--	--	--	--	38	760	--
TOTALS CATEGORY 0010		**2,738**	**2,738**	**3**		**12,018**		**2,162**		**4,324**		**3,930**		**472**		**6,192**	**6**

Addendum No. 01
ID 2126-00-70
Revised Sheet 112
January 27, 2016

REMOVING PAVEMENT MARKINGS

STATION	TO STATION	646.0600 REMOVING PAVEMENT MARKINGS LF	647.0955 REMOVING PAVEMENT MARKING ARROWS EACH	647.0965 REMOVING PAVEMENT MARKING WORDS EACH
STAGE 1B				
IH 43 RAMP GORE		113	--	--
STAGE 1C				
111+50	113+00	150	--	--
114+00	121+35	184	--	--
120+75	121+35	60	--	--
122+35	125+50	79	--	--
124+90	125+50	60	--	--
STAGE 2A				
110+15	111+50	135	--	--
STAGE 2B				
112+85	113+60	75	--	--
STAGE 2C				
110+00	113+60	90	--	--
STAGE 3				
100+00	125+30	1,421	7	4
TOTALS CATEGORY 0010		**2,367**	**7**	**4**

TEMPORARY PAVEMENT MARKING

	649.0400 TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH WHITE LF
STAGE 1A	1,248
STAGE 1B	2,006
STAGE 1C	980
STAGE 2	1,709
STAGE 3	--
TOTALS CATEGORY 0010	**5,943**

SAWCUTS

STATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
STAGE 1	156	2,209
STAGE 2	--	520
STAGE 3	339	395
TOTALS CATEGORY 0010	**495**	**3,124**

EXPOSING EXISTING INFRASTRUCTURE

PROJECT ID	SPV.0060.0010 EXPOSING EXISTING INFRASTRUTURE PAVED AREA EACH	SPV.0060.0011 EXPOSING EXISTINGINFRASTRUTURE UNPAVED AREA EACH
UNDISTRIBUTED	8	3
TOTALS CATEGORY 0010	**8**	**3**

PAVEMENT MARKING

	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	646.0106 PAVEMENT MARKING EPOXY 4-INCH WHITE LF	646.0106 PAVEMENT MARKING EPOXY 4-INCH YELLOW LF	646.0126 PAVEMENT MARKING EPOXY 8-INCH LF	647.0156 PAVEMENT MARKING ARROWS EPOXY TYPE 1 EACH	647.0166 PAVEMENT MARKING ARROWS EPOXY TYPE 2 EACH	647.0186 PAVEMENT MARKING ARROWS EPOXY TYPE 4 EACH	647.0356 PAVEMENT MARKING WORDS EPOXY EACH	647.0576 PAVEMENT MARKING STOP LINE EPOXY 24-INCH LF	647.0776 PAVEMENT MARKING CROSSWALK EPOXY 12-INCH LF
STAGE 1	80	494	--	120	--	3	--	2	--	768
STAGE 2	20	661	323	689	3	7	3	4	62	412
STAGE 3	--	45	--	--	--	--	--	--	--	--
SUBTOTALS		1,200	323							
TOTALS CATEGORY 0010	**100**	**1,523**		**809**	**3**	**10**	**3**	**6**	**62**	**1,180**

PAVEMENT CLEANUP

PROJECT	DESCRIPTION	SPV.0075.0001 PAVEMENT CLEANUP (2126-00-70) HRS
2126-00-70	MCKINLEY	16
TOTAL CATEGORY 0010		**16**

SURVEY PROJECT

PROJECT ID	DESCRIPTION	SPV.0105.0001 SURVEY PROJECT (2126-00-70) LS
2126-00-70	MCKINLEY	1
TOTAL CATEGORY 0010		**1**

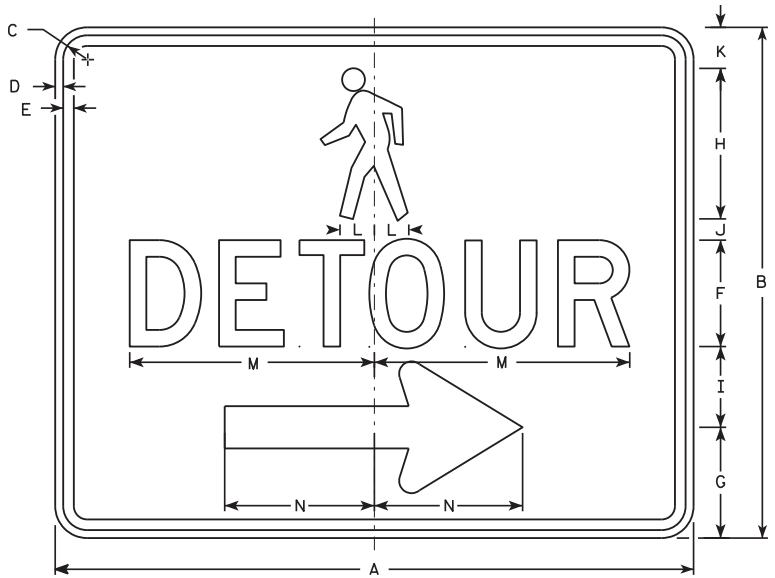
CONCRETE PAVEMENT JOINT LAYOUT

PROJECT ID	DESCRIPTION	SPV.0105.0003 CONCRETE PAVEMENT JOINT LAYOUT LS
2126-00-70	MCKINLEY	1
TOTAL CATEGORY 0010		**1**

ATC THERMAL BACKFILL

PROJECT ID	DESCRIPTION	SPV.0105.0004 ATC THERMAL BACKFILL LS
2126-00-70	MCKINLEY	1
TOTAL CATEGORY 0010		**1**

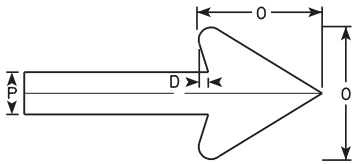
Addendum No. 01
ID 2126-00-70
Revised Sheet 113
January 27, 2016



M4-9BR

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-9BL is the same as M4-9BR except the arrow is reversed.



Arrow Detail

Addendum No. 01
ID 2126-00-70
Added Sheet 176A
January 27, 2016

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/8	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.00
3																											
4																											
5																											

STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

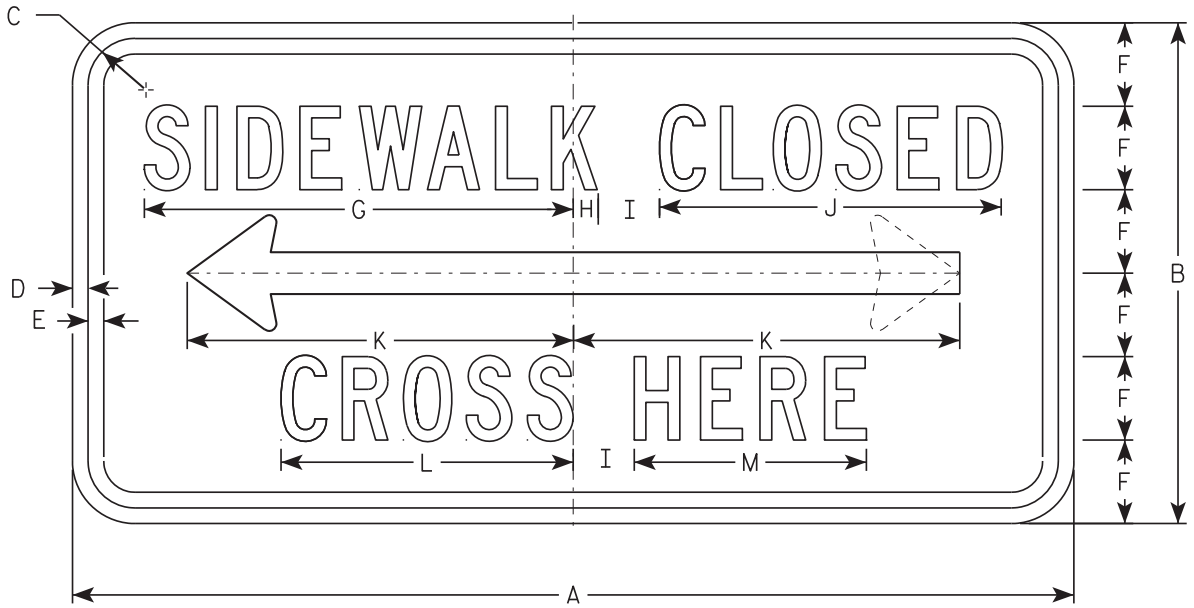
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/30/13 PLATE NO. M4-9B.1

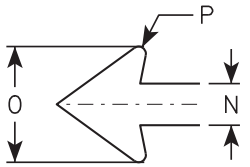
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 176A	E

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R9-11A



Addendum No. 01
ID 2126-00-70
Added Sheet 182A
January 27, 2016

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/8	3/8	3/8	2	10 1/4	5/8	1 1/2	8 1/4	9 1/4	7	5 5/8	1	2 3/4	1/8											2.0
2S	48	24	2 3/4	3/4	3/4	4	20 1/2	1 1/4	3	16 3/8	18 1/2	14	11 1/8	2	5 1/2	3/8											8.0
2M	48	24	2 3/4	3/4	3/4	4	20 1/2	1 1/4	3	16 3/8	18 1/2	14	11 1/8	2	5 1/2	3/8											8.0
3																											
4																											
5																											

STANDARD SIGN
R9-11A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/17/2012 PLATE NO. R9-11A.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 182A	E

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
	SECTION 0001 Roadway Items					
0020	108.4400 CPM Progress Schedule	1.000 EACH		.		.
0030	201.0120 Clearing	23.000 ID		.		.
0040	201.0220 Grubbing	23.000 ID		.		.
0050	204.0100 Removing Pavement	5,165.000 SY		.		.
0060	204.0150 Removing Curb & Gutter	202.000 LF		.		.
0070	204.0155 Removing Concrete Sidewalk	736.000 SY		.		.
0080	204.0195 Removing Concrete Bases	23.000 EACH		.		.
0090	204.0210 Removing Manholes	8.000 EACH		.		.
0100	204.0215 Removing Catch Basins	24.000 EACH		.		.
0110	204.0245 Removing Storm Sewer (size) 0001. 12-Inch	694.000 LF		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0120	204.0245 Removing Storm Sewer (size) 0002. 15-Inch	25.000 LF		.		.
0130	204.0245 Removing Storm Sewer (size) 0003. 18-Inch	348.000 LF		.		.
0140	204.0245 Removing Storm Sewer (size) 0004. 24-Inch	6.000 LF		.		.
0150	204.0245 Removing Storm Sewer (size) 0005. 72-Inch	599.000 LF		.		.
0160	204.0245 Removing Storm Sewer (size) 0006. 84-Inch	676.000 LF		.		.
0170	204.0280 Sealing Pipes	3.000 EACH		.		.
0180	204.0291.S Abandoning Sewer	382.000 CY		.		.
0190	205.0100 Excavation Common	3,637.000 CY		.		.
0200	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	2,890.000 TON		.		.
0210	209.0100 Backfill Granular	5.000 CY		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0220	213.0100 Finishing Roadway (project) 0001. 2126-00-70	1.000 EACH		.		.
0230	305.0110 Base Aggregate Dense 3/4-Inch	975.000 TON		.		.
0240	305.0120 Base Aggregate Dense 1 1/4-Inch	2,752.000 TON		.		.
0250	310.0110 Base Aggregate Open Graded	1,517.000 TON		.		.
0260	415.0090 Concrete Pavement 9-Inch	3,533.000 SY		.		.
0270	415.1090 Concrete Pavement HES 9-Inch	1,017.000 SY		.		.
0280	416.0170 Concrete Driveway 7-Inch	181.000 SY		.		.
0290	416.0610 Drilled Tie Bars	658.000 EACH		.		.
0300	416.0620 Drilled Dowel Bars	376.000 EACH		.		.
0310	440.4410 Incentive IRI Ride	1,300.000 DOL	1.00000		1300.00	
0320	465.0120 Asphaltic Surface Driveways and Field Entrances	84.000 TON		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0330	465.0125 Asphaltic Surface Temporary	290.000 TON		.		.
0340	520.8000 Concrete Collars for Pipe	9.000 EACH		.		.
0350	601.0331 Concrete Curb & Gutter 31-Inch	1,542.000 LF		.		.
0360	601.0600 Concrete Curb Pedestrian	14.000 LF		.		.
0370	602.0410 Concrete Sidewalk 5-Inch	6,387.000 SF		.		.
0380	602.0505 Curb Ramp Detectable Warning Field Yellow	100.000 SF		.		.
0390	603.8000 Concrete Barrier Temporary Precast Delivered	2,738.000 LF		.		.
0400	603.8125 Concrete Barrier Temporary Precast Installed	2,738.000 LF		.		.
0410	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	704.000 LF		.		.
0420	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	220.000 LF		.		.
0430	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	6.000 LF		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0440	608.0372 Storm Sewer Pipe Reinforced Concrete Class III 72-Inch	370.000 LF		.		.
0450	608.0384 Storm Sewer Pipe Reinforced Concrete Class III 84-Inch	1,196.000 LF		.		.
0460	611.2004 Manholes 4-FT Diameter	2.000 EACH		.		.
0470	611.2005 Manholes 5-FT Diameter	1.000 EACH		.		.
0480	611.2006 Manholes 6-FT Diameter	1.000 EACH		.		.
0490	611.3004 Inlets 4-FT Diameter	5.000 EACH		.		.
0500	611.9705 Salvaged Manhole Covers	1.000 EACH		.		.
0510	611.9710 Salvaged Inlet Covers	20.000 EACH		.		.
0520	612.0106 Pipe Underdrain 6-Inch	435.000 LF		.		.
0530	614.0905 Crash Cushions Temporary	3.000 EACH		.		.
0540	616.0700.S Fence Safety	1,000.000 LF		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0550	619.1000 Mobilization	1.000 EACH		.		.
0560	620.0300 Concrete Median Sloped Nose	371.000 SF		.		.
0570	623.0200 Dust Control Surface Treatment	8,487.000 SY		.		.
0580	624.0100 Water	160.000 MGAL		.		.
0590	625.0100 Topsoil	1,000.000 SY		.		.
0600	628.1504 Silt Fence	4,555.000 LF		.		.
0610	628.1520 Silt Fence Maintenance	4,555.000 LF		.		.
0620	628.1905 Mobilizations Erosion Control	1.000 EACH		.		.
0630	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH		.		.
0640	628.7005 Inlet Protection Type A	18.000 EACH		.		.
0650	628.7015 Inlet Protection Type C	42.000 EACH		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0660	628.7560 Tracking Pads	4.000 EACH		.		.
0670	629.0205 Fertilizer Type A	1.000 CWT		.		.
0680	631.1000 Sod Lawn	1,000.000 SY		.		.
0690	634.0616 Posts Wood 4x6-Inch X 16-FT	1.000 EACH		.		.
0700	634.0618 Posts Wood 4x6-Inch X 18-FT	1.000 EACH		.		.
0710	637.2210 Signs Type II Reflective H	34.750 SF		.		.
0720	638.2602 Removing Signs Type II	2.000 EACH		.		.
0730	638.3000 Removing Small Sign Supports	1.000 EACH		.		.
0740	643.0200 Traffic Control Surveillance and Maintenance (project) 0001. 2126-00-70	116.000 DAY		.		.
0750	643.0300 Traffic Control Drums	12,018.000 DAY		.		.
0760	643.0420 Traffic Control Barricades Type III	2,162.000 DAY		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0770	643.0705 Traffic Control Warning Lights Type A	4,324.000 DAY		.		.
0780	643.0715 Traffic Control Warning Lights Type C	3,930.000 DAY		.		.
0790	643.0800 Traffic Control Arrow Boards	472.000 DAY		.		.
0800	643.0900 Traffic Control Signs	6,192.000 DAY		.		.
0810	643.0920 Traffic Control Covering Signs Type II	5.000 EACH		.		.
0820	643.1000 Traffic Control Signs Fixed Message	6.000 SF		.		.
0830	643.1050 Traffic Control Signs PCMS	61.000 DAY		.		.
0840	643.2000 Traffic Control Detour (project) 0001. 2126-00-70	1.000 EACH		.		.
0850	643.3000 Traffic Control Detour Signs	3,710.000 DAY		.		.
0860	645.0111 Geotextile Fabric Type DF Schedule A	302.000 SY		.		.
0870	646.0106 Pavement Marking Epoxy 4-Inch	1,523.000 LF		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0880	646.0126 Pavement Marking Epoxy 8-Inch	809.000 LF		.		.
0890	646.0600 Removing Pavement Markings	2,367.000 LF		.		.
0900	647.0156 Pavement Marking Arrows Epoxy Type 1	3.000 EACH		.		.
0910	647.0166 Pavement Marking Arrows Epoxy Type 2	10.000 EACH		.		.
0920	647.0186 Pavement Marking Arrows Epoxy Type 4	3.000 EACH		.		.
0930	647.0356 Pavement Marking Words Epoxy	6.000 EACH		.		.
0940	647.0576 Pavement Marking Stop Line Epoxy 24-Inch	62.000 LF		.		.
0950	647.0776 Pavement Marking Crosswalk Epoxy 12-Inch	1,180.000 LF		.		.
0960	647.0955 Removing Pavement Markings Arrows	7.000 EACH		.		.
0970	647.0965 Removing Pavement Markings Words	4.000 EACH		.		.
0980	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	5,943.000 LF		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0990	650.8500 Construction Staking Electrical Installations (project) 0001. 2126-00-70	LUMP	LUMP			.
1000	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	70.000 LF		.		.
1010	652.0230 Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	225.000 LF		.		.
1020	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,265.000 LF		.		.
1030	652.0615 Conduit Special 3-Inch	815.000 LF		.		.
1040	653.0905 Removing Pull Boxes	22.000 EACH		.		.
1050	690.0150 Sawing Asphalt	495.000 LF		.		.
1060	690.0250 Sawing Concrete	3,124.000 LF		.		.
1070	715.0415 Incentive Strength Concrete Pavement	1,365.000 DOL	1.00000		1365.00	
1080	SPV.0060 Special 0001. Catch Basin Type 44-A	6.000 EACH		.		.
1090	SPV.0060 Special 0002. Catch Basin Type 44-B	6.000 EACH		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1100	SPV.0060 Special 0003. Manhole 9-Foot Special	2.000 EACH		.		.
1110	SPV.0060 Special 0004. Manhole 10-Foot Special	6.000 EACH		.		.
1120	SPV.0060 Special 0005. Manhole Cover MS 58-A	9.000 EACH		.		.
1130	SPV.0060 Special 0006. Inlet Cover MS 57	1.000 EACH		.		.
1140	SPV.0060 Special 0007. Storm Sewer Structure M4	1.000 EACH		.		.
1150	SPV.0060 Special 0008. Storm Sewer Structure M5	1.000 EACH		.		.
1160	SPV.0060 Special 0009. Pipe Connection to Existing Structure	2.000 EACH		.		.
1170	SPV.0060 Special 0010. Exposing Infrastructure Paved Area	8.000 EACH		.		.
1180	SPV.0060 Special 0011. Exposing Infrastructure Unpaved Area	3.000 EACH		.		.
1190	SPV.0060 Special 3000. Rectangular Polymer Concrete Vault 17"x30"x18"	22.000 EACH		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1200	SPV.0060 Special 3001. Install 18" Dia x 6 Ft Cylindrical Column Form	5.000 EACH		.		.
1210	SPV.0060 Special 3002. Install Traffic Signal Base	4.000 EACH		.		.
1220	SPV.0060 Special 3003. Spread Footing Base for A-31 Bolt Down Concrete Pole	7.000 EACH		.		.
1230	SPV.0060 Special 3004. Spread Footing Base for Downtown Style Harp Pole	6.000 EACH		.		.
1240	SPV.0060 Special 5000. Removing Hydrant	2.000 EACH		.		.
1250	SPV.0060 Special 5001. Install Hydrant	3.000 EACH		.		.
1260	SPV.0075 Special 0001. Pavement Cleanup Project 2126-00-70	16.000 HRS		.		.
1270	SPV.0090 Special 0001. Concrete Box Combination Sewer 4' x 12'	124.000 LF		.		.
1280	SPV.0090 Special 5002. Ductile Iron Hydrant Branch 6-Inch	148.000 LF		.		.
1290	SPV.0090 Special 5003. Ductile Iron Water Main 8-Inch	54.000 LF		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1300	SPV.0090 Special 5004. Ductile Iron Water Main 30-Inch	148.000 LF		.		.
1310	SPV.0090 Special 5005. Remove Water Main	191.000 LF		.		.
1320	SPV.0090 Special 5006. Ductile Iron Water Main 12-Inch	10.000 LF		.		.
1330	SPV.0105 Special 0001. Survey Project 2126-00-70	LUMP	LUMP			.
1340	SPV.0105 Special 0002. Control of Water	LUMP	LUMP			.
1350	SPV.0105 Special 0003. Concrete Pavement Joint Layout	LUMP	LUMP			.
1360	SPV.0105 Special 0004. ATC Thermal Backfill	LUMP	LUMP			.
1370	SPV.0165 Special 0001. Colored and Stamped Concrete Sidewalk 5-Inch	235.000 SF		.		.
1380	SPV.0180 Special 0001. Salvage Cobblestones	530.000 SY		.		.
1390	SPV.0180 Special 0002. Concrete Joint Sealer	4,550.000 SY		.		.
1400	311.0110 Breaker Run	2,000.000 TON		.		.

CONTRACT: 20160209013 PROJECT(S): 2126-00-70 FEDERAL ID(S): N/A

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1410	SPV.0035 Special 0001. Excavation, Hauling and Reuse of Solid Waste Oil **P**	18,985.000 CY		.		.
1420	SPV.0045 Special 0001. Incentives/Disincentives for Final Completion Work	0.100 DAY	10000.00000		1000.00	
1430	SPV.0195 Special 0001. Management of Solid Waste	3,565.000 TON		.		.
	SECTION 0001 TOTAL					.
	TOTAL BID					.