



# Wisconsin Department of Transportation

## Division of Transportation Systems Development

Bureau of Project Development  
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Madison, WI 53705

July 1, 2019

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### NOTICE TO ALL CONTRACTORS:

**Proposal #06: 2704-09-71**  
**Braun Road**  
**CTH H to 90<sup>th</sup> Street**  
**Local Street**  
**Racine County**

### Letting of July 9, 2019

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

#### Special Provisions:

Revised Special Provisions	
Article No.	Description
6	Prosecution and Progress
7	Traffic
11	Utilities
21	Hauling Restrictions

#### Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0115	Removing Asphaltic Surface Butt Joint	SY	359	-94	265
204.0150	Removing Curb and Gutter	LF	437	-14	423
205.0100	Excavation Common	CY	100,546	-1,291	99,255
305.0110	Base Aggregate Dense ¾-Inch	TON	950	-90	860
305.0120	Base Aggregate Dense 1 ¼-Inch	TON	27,300	-940	26,360
311.0110	Breaker Run	TON	47,400	-890	46,510
415.0100	Concrete Pavement 10-Inch	SY	9,942	1,077	11,019
415.4100	Concrete Pavement Joint Filling	SY	11,047	-28	11,019
455.0605	Tack Coat	GAL	1,660	-9	1,651
460.6223	HMA Pavement 3 MT 58-28 S	TON	4,511	-36	4,475
460.6224	HMA Pavement 4 MT 58-28 S	TON	3,124	-25	3,099
465.0125	Asphaltic Temporary	TON	832	-171	661
601.0411	Concrete Curb and Gutter 30-Inch Type D	LF	5,539	24	5,563

602.0410	Concrete Sidewalk 5-Inch	SF	13,442	-1,501	11,941
620.0300	Concrete Median Sloped Nose	SF	803	30	833
623.0200	Dust Control Surface Treatment	SY	43,390	7,400	50,790
624.0100	Water	MGAL	3,820	-77	3,743
628.2008	Erosion Mat Urban Class I Type B	SY	105,500	-2,600	102,900
628.7005	Inlet Protection Type A	EACH	76	-1	75
628.7020	Inlet Protection Type D	EACH	75	-1	74
628.7504	Temporary Ditch Checks	LF	800	-30	770
629.0210	Fertilizer Type B	CWT	75.5	-5.5	70
630.0140	Seeding Mixture No. 40	LB	1,900	-40	1,860
630.0200	Seeding Temporary	LB	1,900	880	2,780
637.2230	Signs Type II Reflective F	SF	103.19	10.0	113.19
643.0300	Traffic Control Drums	DAYS	23,800	-4,060	19,740
643.0420	Traffic Control Barricades Type III	DAYS	9,380	-1,400	7,980
643.0705	Traffic Control Warning Lights Type A	DAYS	18,760	-2,800	15,960
643.0715	Traffic Control Warning Lights Type C	DAYS	6,300	-2,800	3,500
643.0900	Traffic Control Signs	DAYS	21,420	-1,540	19,880
646.1020	Marking Line Epoxy 4-Inch	LF	8,684	233	8,917
649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	6,595	1,619	4,976
649.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	49	-16	33
SPV.0035.001	Roadway Embankment	CY	33,580	-910	32,670
SPV.0180.001	Topsoil Special	SY	105,500	-2,600	102,900

Deleted Bid Item Quantities			
Bid Item	Item Description	Unit	Old Quantity
415.1100	Concrete Pavement High Early Strength (10-Inch)	SY	1,105
649.0105	Temporary Marking Line Paint 4-Inch	LF	2,025
649.0805	Temporary Marking Stop Line Paint 18-Inch	LF	24

**Plan Sheets:**

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
4	General Notes (Remove Temporary Braun Road R/L)
26	Haul Routes (Updated Haul Routes)
35-36	Plan Details (Updated Driveway Location)
51-52	Paving Grades (Updated Driveway Location)
66-71	Erosion Control (Update Traffic Control Staging)
77-78	Storm Sewer Plan/Profile (Updated Driveway Location)
84	Storm Sewer Plan/Profile (Updated Traffic Control Staging)
87	Pond Detail Sheet
105	Typical Sections–Staging (Remove Temporary Braun Road typical section)
107, 110-112, 115-122	Traffic Control (Update Traffic Control Staging)
130-137	Color Staging (Update Traffic Control Staging)
144	Alignment Plan (Updated Driveway Location)
154-160, 162-185, 187, 189-191	Miscellaneous Quantities (Updated Driveway Location, Staging)
206	Plan and Profile (Updated Ditch)

319-325	Earthwork Tables (Updated Earthwork at Driveway Location and traffic control staging change)
337-340	Cross Sections (Updated in Area of Driveway Revision)

<b>Added Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
69A-69C	Erosion Control Stage 2A (Update Traffic Control Staging)
115A-115H	Traffic Control Stage 2A (Update Traffic Control Staging)
173A-173B	Miscellaneous Quantities (Updated Traffic Control Staging)

<b>Deleted Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
45-46	Plan Details: Temporary Pavement (Temporary Pavement Removed)
67-68	Erosion Control – Stage 1 (Update Traffic Control Staging)
72	Erosion Control – Stage 3 (Update Traffic Control Staging)
113-114	Traffic Control – Stage 1 (Update Traffic Control Staging)
123-125	Traffic Control – Winter Operations (Update Traffic Control Staging)
126-129	Traffic Control – Stage 3 (Update Traffic Control Staging)
145	Alignment: Temporary Braun Road ((Update Traffic Control Staging)
207	Plan and Profile: Temporary Braun Road
326	Cross Sections (Traffic Control Staging)

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**

**2704-09-71**

**July 1, 2019**

**Special Provisions**

**6. Prosecution and Progress.**

*Replace entire article language with the following:*

Begin work within ten calendar days after the engineer issues a written notice to do so.

The contract time for completion is based on an expedited work schedule and may require extraordinary forces and equipment.

Winter weather work, grading, excavation of frozen ground, high ground water, dewatering during winter months, and mitigation efforts for high water table elevations shall not be considered adverse weather delays to construction.

Anticipate cold weather asphaltic and concrete paving and ancillary concrete work (curb, sidewalk, etc.). Plan to heat aggregates and water for mixes, and that the heating of the aggregate and water is considered incidental to those concrete items. There will be no adverse weather delay for cold weather construction.

Provide the start date to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the approved start date.

To revise the start date, submit a written request to the engineer at least two weeks before the intended start date. The engineer will approve or deny that request based on the conditions cited in the request and its effect on the department's scheduled resources.

Construction activities are adjacent to live traffic. At all times, provide a 3:1 safety shelf from the construction zone to the location of staged traffic. This applies to all times, including timeframes when construction is not active.

**Schedule of Operations**

Unless modifications to the staging are approved in writing by the engineer, the department anticipates that the scope of work for each stage shall be as follows and according to the plans:

**Stage 1** – Stage 1 Construction activities shall include:

- Construct Braun Road from CTH H to approximately 300-ft west of the CPRR tracks (STA 176BRE+50) under full closure.
- Construct Pond Q and all related ditching and storm sewer.

**Winter Operation 2019/2020**

- Open Braun Road in both directions from CTH H to the Area 3 Driveway (Site Development Entrance).
- Contractor to coordinate winter maintenance operations per article for "Winter Maintenance" with local municipalities.

**Stage 2A** – Stage 2A Construction activities shall include:

- Construction of Braun Road from approximately 300-ft west of the CPRR tracks (STA 176BRE+50) to 90<sup>th</sup> St under full closure. Coordinate work concurrent with CPRR crossing contractor. Maintain

traffic on Braun Road in each direction from CTH H to the Area 3 Driveway (Site Development Entrance).

- Construct temporary asphalt widening on the west side of 90<sup>th</sup> St. Maintain traffic on 90<sup>th</sup> St one lane in each direction.

**Stage 2B** – Stage 2B Construction activities shall include:

- Construction of Braun Road from approximately 300-ft west of the CPRR tracks (STA 176BRE+50) to 90<sup>th</sup> St under full closure. Coordinate work concurrent with CPRR crossing contractor. Maintain traffic on Braun Road in each direction from CTH H to the Area 3 Driveway (Site Development Entrance).
- Construct the eastern portion of the Braun Road / 90<sup>th</sup> St intersection. Maintain traffic on 90<sup>th</sup> St one lane in each direction.

**Stage 2C** – Stage 2C Construction activities shall include:

- Construction of Braun Road from approximately 300-ft west of the CPRR tracks (STA 176BRE+50) to 90<sup>th</sup> St under full closure. Coordinate work concurrent with CPRR crossing contractor. Maintain traffic on Braun Road in each direction from CTH H to the Area 3 Driveway (Site Development Entrance).
- Construct the western portion of the Braun Road / 90<sup>th</sup> St intersection. Maintain traffic on 90<sup>th</sup> St one lane in each direction.

**Enhanced Coordination**

The project limits include numerous existing and proposed utilities.

Coordinate traffic staging and shifts with the Braun Road Project, WisDOT ID 2704-09-70. Additional coordination with James Peterson and Sons, the Braun Road Phase 1 contractor, is anticipated and all traffic shifts and stage changes in this project that impact Project 2704-09-70 will need to be approved by the engineer.

Coordinate traffic staging and shifts with the CTH H Project, WisDOT ID 3760-00-70. Additional coordination with Michels Corporation, the CTH H Phase 1 contractor, is anticipated and all traffic shifts and stage changes in this project that impact Project 3760-00-70 will need to be approved by the engineer.

FoxConn site and utility construction activities will be underway adjacent to Braun Road. Increased trucking and traffic volumes are expected on CTH H and adjacent roads within the development site area.

Coordinate traffic staging and shifts with adjacent Racine Water and Waste Water Facilities – Braun Road Pumping Station Project. The project is located on Parcel 703 (refer to the right of way plat). Provide construction access to the pumping station project contractor from Braun Road. Additional coordination with the pumping station project contractor is anticipated and stage changes in this project that impact the pumping station project will need to be approved by the engineer.

Time extensions shall not be granted for delays incurred due to existing utilities work, proposed utility installation, or providing access for development site traffic. Ensure these elements are accounted for when determining the construction schedule.

**Work Restrictions**

The following definitions apply to all roadways constructed in this contract:

**Peak Hours:**

- 6:00 AM to 7:00 PM, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday

**Off-peak Hours:**

- 7:00 PM to 6:00 AM Monday, Tuesday, Wednesday, Thursday, Friday, Saturday

**Night Time Hours:**

- 9:00 PM to 6:00 AM the following day

**Weekend Hours:**

- 9:00 PM Friday to 6:00 AM Monday

Comply with all local ordinances that apply to local street work operations, including those pertaining to working during night time hours. Furnish any ordinance variance issued by the municipality or required permits to the engineer in writing three days before performing this work.

**Closure and Work Restrictions**

- Maintain access to residences along Braun Road and 90<sup>th</sup> Street at all times.

**Winter Maintenance**

The Village of Mount Pleasant will perform snow removal operations for local roads that are open to the public. Provide Racine County Highway Maintenance, the Village of Mount Pleasant, the Village of Sturtevant, and the Racine County Sheriff's Department with a 24-hour emergency contact number for when maintenance is required.

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**Interim and Final Completion of Work**

*Supplement standard spec 108.10 with the following:*

The department will not grant time extensions for the following:

Severe weather as specified in standard spec 108.10.2.2.

Labor disputes that are not industry wide.

Delays in material deliveries.

Each day is defined as a 24-hour period beginning at 12:01 AM.  
SEF Rev. 14\_1211

**Interim Completion of work November 30, 2019: Completion of Braun Road from CTH H to the Area 3 Driveway (Site Development Entrance) and Pond Q.**

If the contractor fails to complete all work required to open Braun Road in both directions from CTH H to the Area 3 Driveway (Site Development Entrance) and Pond Q as shown in the traffic control plans prior to 12:01 AM December 1, 2019, the department will assess the contractor \$2,500 in interim liquidated damages for each calendar day contract work remains incomplete beyond 12:01 AM December 1, 2019. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

**Final Completion of Work July 1, 2020**

## **Enhanced Liquidated Damages**

*Replace standard spec 108.11 paragraph (3) as follows:*

The department will assess \$5,000 in daily liquidated damages. These liquidated damages reflect the cost of engineering, supervision, and a portion of road user costs.

## **Work Zone Ingress/Egress.**

Provide engineer approved signage for access into and out of the work zones at locations approved by the engineer.

At the weekly traffic meetings, provide an Emergency Work Zone Access Plan and required updates, as approved by the engineer, to direct emergency responders accessing the work zone.

Locations of work zone egress or ingress for construction vehicles is subject to approval from the engineer. All construction vehicles shall yield to all through traffic at all locations.

Access to the worksite from Braun Road west of CTH H will be restricted due to a live workzone for construction of Braun Road as part of WisDOT ID 2704-09-70, Braun Road, IH 94 EFR to CTH H and therefore will not be available.

Ensure that proper signage is established indicating no through traffic is permitted along Braun Road at the CTH H/Braun Road intersection and 90<sup>th</sup> St/Braun Road intersection and that public access to the workzone from CTH H and 90<sup>th</sup> St is restricted.

## **Right-of-way**

Do not commence work in areas that are not under department or Village of Mount Pleasant ownership as outlined in the plans. Right of way at the intersection of Braun Road and 90<sup>th</sup> St is in the process of being acquired and work cannot start until it has been. It is anticipated that real estate for the project will be fully clear by Sept 1, 2019. All associated site preparation and demolition work shall be completed by Sept 1, 2019 for those parcels with buildings remaining.

## **Wetlands**

Do not begin construction within wetland areas until the Section 404 permit has been approved. Verify with the engineer that the permit is approved before starting construction in affected wetland areas. Permit approval date is anticipated to be September 1, 2019.

## **Migratory Birds**

Swallow and other migratory birds' nests may be present in the project area. All active nests (when eggs or young are present) of migratory birds are protected under the Federal Migratory Bird Treaty Act. Under the U.S. Migratory Bird Treaty Act, destruction of swallows and other migratory birds or their nests is unlawful unless a permit has been obtained from the U.S. Fish & Wildlife Service (USFWS). Therefore, if swallow and migratory birds' nests are present, work should either occur only between August 30 and May 1st (non-nesting season) or utilize measures to prevent nesting (*e.g., remove unoccupied nests during the non-nesting season and install barrier netting prior to May 1*). If netting is used, ensure it is properly maintained, then removed as soon as the nesting period is over. If neither of these options is practicable then the USFWS must be contacted to apply for a depredation permit.

## **Rusty Patched Bumble Bee (*Bombus Affinis*)**

The rusty patched bumble bee (*Bombus affinis*) was listed as endangered by the U.S. Fish and Wildlife Service (USFWS) under the Endangered Species Act, effective March 21, 2017. Construction activities such as grading outside the mowed shoulder area have the potential to impact ground nests and wildflowers that

may serve as a food source for the bee. If an active rusty-patched bumblebee nest is encountered in construction areas, contact the WisDOT Regional Environmental Coordinator, who will coordinate with USFWS.

#### **Northern Long-eared Bat (*Myotis septentrionalis*)**

Northern Long-eared Bats (NLEB) have the potential to inhabit the project limits because they roost in trees. Roosts may not have been observed on this project, but conditions to support the species exist. The species and all active roosts are protected by the Federal Endangered Species Act. If an individual bat or active roost is encountered during construction operations, stop work and notify the engineer and the WisDOT Regional Environmental Coordinator (REC).

In accordance to the final 4(d) rule issued for the NLEB, the department has determined that the proposed activity may affect, but will not result in prohibited take of the NLEB. The activity involves tree removal, but will not occur within 0.25 miles of a known hibernacula, nor will the activity remove a known maternity roost tree or any other tree within 150 feet of a known maternity roost tree.

If additional trees need to be removed, no clearing shall occur without prior approval from the engineer, following coordination with the WisDOT REC. Additional tree removal beyond the area originally specified will require consultation with the United States Fish and Wildlife Service (USFWS) and may require a bat presence/absence survey. Notify the engineer if additional clearing cannot be avoided to begin coordination with the WisDOT REC. The WisDOT REC will initiate consultation with the USFWS and determine if a survey is necessary.

#### **Prairie Crayfish (*Procambarus gracilis*)**

State listed Special Concern species the Prairie Crayfish (*Procambarus gracilis*) may occur in the project area. This primarily burrowing crayfish is restricted to prairie regions of southeastern Wisconsin and is the rarest crayfish in Wisconsin. This species frequents burrows in banks of ponds, roadside ditches, small sluggish creeks, marshes, swamps, and small artificial lakes, as well as wet pastures and flat fields in prairies. The burrows can be quite deep and branching, with a characteristic mud chimney. This species spends most of its life in its burrow habitat, coming out at night and during rain events. Breeding occurs and young hatch in early spring, as early as March, with juveniles occurring through spring and summer. Females move to open water for a relatively short period in the summer where the newly hatched young are released. For work in or near wetlands or waterways, contractors should be aware of the occurrence of this species. If crayfish are found in conflict with the project area, crayfish should be placed in a plastic bucket with soil from where the crayfish was found. Project staff should contact at (414) 507-4946 and DNR staff will relocate crayfish to a suitable location.

Submit a schedule and description of Clearing operations with the ECIP 14 days prior to any Clearing operations. The department will determine, based on schedule and scope of work, what additional erosion control measures shall be implemented prior to the start of Clearing operations, and list those additional measures in the ECIP.

## **7. Traffic.**

*Replace entire article language with the following:*

### **General**

The construction sequence, including the associated traffic control, shall be substantially accomplished as detailed in the Traffic Control Plans, and as described herein.

Maintain access to existing residences and homes at all times until all real estate is acquired. Anticipated real estate clearance date referenced in article *Prosecution and Progress*.

Coordinate traffic requirements under this contract with other adjacent and concurrent department or local municipality projects. Implement and coordinate with other contractors all traffic control as shown on the plans. Modifications to the traffic control plan may be required by the engineer to be safe and consistent with adjacent work by others.

Unless detailed in the plans, do not begin or continue any work that closes traffic lanes outside the allowed time periods specified in this article.

Do not store equipment, vehicles, or materials on adjacent streets beyond the project limits without specific approval of the engineer.

### **Construction Staging and Traffic Control**

*Perform construction operations on Braun Road in stages as shown in the Traffic Control Plans and as detailed in the Prosecution and Progress. Coordinate traffic control signing with adjacent projects. Traffic Control associated with the construction operations are as follows:*

#### **Braun Road**

Braun Road will be constructed under full closure from CTH H intersection to the 90<sup>th</sup> Street Intersection in Stage 1 and a full closure from the Area 3 Driveway (Site Development Entrance) to the 90<sup>th</sup> Street Intersection in Stage 2.

Braun Road must remain open in both directions from CTH H intersection to the Area 3 Driveway (Site Development Entrance) after the interim completion date.

#### **90<sup>th</sup> Street**

90<sup>th</sup> Street to remain open to through traffic at all times.

#### **Emergency Vehicle Access**

Maintain emergency vehicular access at all times to roadways located within the project limits.

#### **Construction Contact Information**

Provide Village of Mount Pleasant Police Department, Village of Sturtevant Police Department, Town of Somers Police Department, Racine County Sheriff Department, and Racine County with a 24-hour emergency contact number for when traffic control maintenance is required.

#### **Stage 1 Traffic**

- Place PCMS 10 days in advance of construction as shown in the plans.
- Close Braun Road east of CTH H to 90<sup>th</sup> St and provide detour route. Place PCMS 10 days in advance of detour.
- Braun Road \ 90<sup>th</sup> St Intersection – Maintain one lane of traffic in each direction on 90<sup>th</sup> St on the existing pavement. Maintain one lane of traffic in each direction of Braun Road east of 90<sup>th</sup> St to the east project limit. Braun road west of 90<sup>th</sup> St is closed from CTH H to 90<sup>th</sup> St.
- Coordinate traffic control and work operations with other projects listed under the article Other Contracts.

#### **(Winter Operation 2019/2020)**

- Open Braun Road in both directions from CTH H to the Area 3 Driveway (Site Development Entrance). Refer to interim completion date.

### **Stage 2A Traffic**

- Place PCMS 10 days in advance of construction as shown in the plans.
- Braun Road - Open in both directions from CTH H to the Area 3 Driveway (Site Development Entrance).
- Braun Road - Closed east of the Area 3 Driveway (Site Development Entrance) to 90<sup>th</sup> St. Closure must be concurrent with the CPRR crossing work (see Railroad Insurance and Coordination – Soo Line Railroad Company (CP) Spec).
- Braun Road \ 90<sup>th</sup> St Intersection – Maintain one lane of traffic in each direction on 90<sup>th</sup> St on the existing pavement. Maintain one lane of traffic in each direction of Braun Road east of 90<sup>th</sup> St to the east project limit. Braun road west of 90<sup>th</sup> St is closed from the Area 3 Driveway (Site Development Entrance) to 90<sup>th</sup> St.
- Coordinate traffic control and work operations with other projects listed under the article Other Contracts.

### **Stage 2B**

- Braun Road - Open in both directions from CTH H to the Area 3 Driveway (Site Development Entrance).
- Braun Road - Closed east of the Area 3 Driveway (Site Development Entrance) to 90<sup>th</sup> St. Closure must be concurrent with the CPRR crossing work (see Railroad Insurance and Coordination – Soo Line Railroad Company (CP) Spec).
- Braun Road \ 90<sup>th</sup> St Intersection – Maintain one lane of traffic in each direction on 90<sup>th</sup> St on temporary asphalt widening. Close Braun Road east of 90<sup>th</sup> St to the east project limit to construct the eastern portion of the intersection. Maintain access to local residences at all times. Braun Road west of 90<sup>th</sup> St is closed from the Area 3 Driveway (Site Development Entrance) to 90<sup>th</sup> St.
- Coordinate traffic control and work operations with other projects listed under the article Other Contracts.

### **Stage 2C Traffic**

- Braun Road - Open in both directions from CTH H to the Area 3 Driveway (Site Development Entrance).
- Braun Road - Closed east of the Area 3 Driveway (Site Development Entrance) to 90<sup>th</sup> St. Closure must be concurrent with the CPRR crossing work (see Railroad Insurance and Coordination – Soo Line Railroad Company (CP) Spec).
- Braun Road \ 90<sup>th</sup> St Intersection – Maintain one lane of traffic in each direction on 90<sup>th</sup> St on newly constructed pavement. Maintain one lane of traffic in each direction of Braun Road east of 90<sup>th</sup> St to the east project limit. Maintain access to local residences at all times. Braun road west of 90<sup>th</sup> St is closed from east of the Area 3 driveway (site development entrance) to 90<sup>th</sup> St.
- Coordinate traffic control and work operations with other projects listed under the article Other Contracts.

### **Wisconsin Lane Closure System Advance Notification**

Provide the following advance notification to the engineer for incorporation into the Wisconsin Lane Closure System (LCS).

- **TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION**

<b>Closure type with height, weight, or width restrictions (available width, all lanes in one direction &lt; 16')</b>	<b>MINIMUM NOTIFICATION</b>
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Detours	7 calendar days
<b>Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥16')</b>	<b>MINIMUM NOTIFICATION</b>
Lane and shoulder closures	3 business days
Ramp closures	3 business days
Modifying all closure types	3 business days

Discuss LCS completion dates and provide changes in the schedule to the engineer at weekly project meetings in order to manage closures nearing their completion date.

Provide 7-day notice to engineer of expected changes to the status of Area 3 driveway (development site access) prior to implementation. Notice does not constitute approval of those changes.

Notify the engineer and Construction Program Work Zone and Traffic Engineer if there are any changes in the schedule, early completions, or cancellations of scheduled work.

## 11. Utilities.

*Replace entire article language with the following:*

Additional information regarding recently relocated utility facilities may be available on permits issued to the utility companies. These permits can be viewed at the Region Office during normal working hours. Contact WisDOT SE Freeways Utility Coordinator Greg Berry at (414) 750-7828 for further information.

Underground and overhead utility facilities are located within the project limits. Utility adjustments are required for this construction project as noted below. Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities that have facilities in the area as required per state statute. Use caution to ensure the integrity of underground facilities and maintain code clearances from overhead facilities at all times.

Some utility work, as described below, is dependent on prior work being performed by the contractor at a specific site. Provide the engineer and the affected utility a good faith notice of when the utility is to start work at the site. Notice shall be given 14 to 16 calendar days in advance of when the site will be available to the utility. Follow up with a confirmation notice to the engineer and the utility not less than 3 working days before the site will be ready for the utility to begin its work.

Contact utility companies listed in the plans prior to preparing bids to obtain current information on existing utility locations and the status of any new utility relocation work.

Utility companies will be performing utility work and adjustments within the limits during the life of the project. The contractor shall cooperate and coordinate construction activities with these companies.

There may be discontinued utility facilities within the project limits. If a conflict with a discontinued utility facility is encountered, contact the appropriate utility owner/representative to coordinate construction activities and proper removal and disposal of said facility as necessary.

Known utilities in the project area are as follows:

**AT&T Wisconsin** has existing overhead and underground communications facilities within the project limits in the following locations:

- An underground communication line beginning beyond the westerly project limits and running easterly along a line approximately 12 feet north of the existing northerly edge of pavement of Braun Road to a pedestal at Station 176BRE+00, 40'LT where it turns and runs northerly to beyond the project limits. Prior to construction, AT&T Wisconsin will discontinue this line in place.
- An underground communication line beginning beyond the northerly project limits and running southeasterly to a pedestal at Station 182BRE, 31'LT where it turns and runs easterly along the northerly Braun Road right of way to a pole at Station 207BRE+40, 28'LT. Prior to construction, AT&T Wisconsin will discontinue this line in place.
- An overhead communication line beginning at an AT&T Wisconsin pole at Station 207BRE+40, 28'LT and running easterly, crossing 90th Street at Station 1001NS+93, and continuing to a We Energies' pole at Station 208BRE+44, 32'LT. Prior to construction, AT&T Wisconsin will construct a new guy pole at Station 206BRE+44, 37'LT and an overhead guy wire from this new pole running easterly to the existing We Energies' pole at Station 208BRE+44, 32'LT. AT&T Wisconsin will remove the pole at Station 207BRE+31'LT and the existing overhead line.
- An overhead communication line beginning at a We Energies' pole at Station 208BRE+44, 32'LT and running easterly along the existing northerly Braun Road right of way to beyond the project limits. This line will remain in place without adjustment.
- An underground communication line beginning at a pedestal at Station 190BRE+22, 30'LT and running southerly, crossing Braun Road at Station 190BRE+22, to a pedestal at Station 190BRE+14, 23'RT. Prior to construction, AT&T Wisconsin will discontinue this line in place.
- An underground communication line beginning at a pedestal at Station 192BRE+85, 32'LT and running southerly, crossing Braun Road at Station 192BRE+84, to a pedestal at Station 192BRE+84, 17'RT. Prior to construction, AT&T Wisconsin will discontinue this line in place.
- An underground communication line beginning beyond the southerly project limits and running northerly along the easterly 90<sup>th</sup> Street right of way, crossing Braun Road and continuing northerly to a pedestal at Station 208BRE+44, 34'LT. From there it continues northerly along the easterly right of way to beyond the project limits. Prior to construction, AT&T Wisconsin will construct a new underground communication line beginning beyond the southerly project limits and running northerly and parallel 2' west of the existing underground line, crossing Braun Road and continuing to a pedestal at Station 208BRE+44, 34'LT. The existing underground line will be discontinued in place.

Contact Jeff Oldenburg (262-896-7522) of AT&T Wisconsin 7 days in advance to coordinate locations and any excavation near their facilities.

**Charter Communications** has existing underground and overhead communications facilities within the project limits in the following locations:

- An existing overhead communications line on We Energies' poles beginning beyond the westerly project limits and running easterly along the existing southerly Braun Road right of way to Station 159BRE+12, 42'RT. Prior to construction, Charter Communications will remove this line.
- An existing underground communications line beginning at a We Energies' pole at Station 159BRE+12, 42'RT and running easterly along the southerly edge of pavement of Braun Road to a pedestal at Station 167BRE+96, 5'RT. From there it continues easterly along a line approximately 12' south of the southerly edge of pavement of Braun Road and ends at a We Energies' pole at Station 172BRE+00, 10'RT. Prior to construction, Charter Communications will discontinue this line in place.
- An existing overhead communications line on We Energies' poles beginning at Station 172BRE+00, 10'RT and running easterly along a line 5' north of the existing southerly Braun Road right of way to Station 206BRE+88, 26'RT where it turns northeasterly, crossing Braun Road at Station 207BRE+54, and continuing northeasterly to a pole at Station 208BRE+44, 32'LT. Prior to construction, Charter Communications will remove this line.
- An existing overhead communications line on We Energies' poles beginning at Station 208BRE+44, 32'LT and running easterly along the existing northerly Braun Road right of way to beyond the project limits. This line will remain in place without adjustment.

- An existing overhead communications line on We Energies' poles beginning beyond the southerly project limits and running northerly along the existing easterly 90<sup>th</sup> Street right of way, crossing Braun Road at Station 208BRE+44, and continuing northerly to a pole at Station 208BRE+44, 32'LT and then continuing northerly to beyond the project limits. This line will remain in place without adjustment. Prior to construction and upon completion of We Energies' reconstruction and relocation of poles along the easterly 90<sup>th</sup> Street right of way as described below, Charter Communications will reconstruct this overhead line on reconstructed and relocated We Energies' poles.

Contact Pete Kruzela (414-908-1339 office/ 414-688-5376 cell) of Charter Communications 7 days in advance to coordinate locations and any excavation near their facilities.

**Mount Pleasant, Village of – Sanitary** has existing sanitary sewer facilities within the project limits in the following locations:

- An existing sanitary sewer beginning at a manhole at Station 208BRE+24, 18'RT and running easterly along a line 7' south of the southerly edge of pavement of Braun Road to a manhole to beyond the project limits. This line will remain in place without adjustment.

During construction and in conjunction with grading and paving operations, the Village of Mount Pleasant will adjust the manhole at Station 208BRE+24, 18'RT and Station 213BRE+23, 14'RT. Allow 3 days for Mount Pleasant to adjust the manholes.

Contact Anthony Beyer (262-664-7849) of Village of Mount Pleasant 7 days in advance to coordinate locations and any excavation near their facilities.

**Racine Water Works Commission (RWWC)** has existing underground water facilities within the project limits in the following locations:

- An existing water main beginning beyond the northerly project limits and running southerly along the northbound lanes of 90<sup>th</sup> Street to Station 208BRE+24, 2'LT where it turns and runs easterly and ends at Station 208BRE+74, 4'LT. This line will remain in place without adjustment.

Prior to construction, RWWC will construct new underground water facilities in the following locations:

- A new water main beginning beyond the westerly project limits and running northeasterly to Station 156BRE+45, 85'LT where it turns and runs easterly to Station 168BRE+77, 85'LT. From there it turns southeasterly to Station 169BRE+07, 72'LT where it turns and runs easterly to Station 172BRE+02, 72'LT. From there it runs southeasterly to Station 178BRE+06, 36'LT where it turns and runs easterly, crossing 90<sup>th</sup> Street at Station 1001NS+80, to beyond the project limits.
- A new water main beginning at the proposed southerly Braun Road right of way and running northerly, crossing Braun Road at Station 168BRE+57, and continuing northerly and ending at the proposed northerly Braun Road right of way.
- A new water main beginning at a tee at Station 182BRE+63, 33'LT and running northerly to beyond the project limits.
- A new water main beginning at a tee at Station 208BRE+76, 4'LT and running southerly and ending at Station 208BRE+76, 97'RT.

During construction and in conjunction with the construction of the 90<sup>th</sup> Street intersection in Stage 2, RWWC will construct new underground water facilities beginning at a tee at Station 208BRE+72, 15'LT and running southerly, crossing Braun Road at Station 208BRE+72, and ending at Station 208BRE+72, 80'RT. Provide access as necessary for this water main work during construction.

During construction and in conjunction with grading and paving operations, RWWC will adjust existing water valves. Allow 3 days for RWWC to adjust the water valves.

Contact Chad Regalia (262-497-4611) of Racine Water Works Commission 7 days in advance to coordinate locations and any excavation near their facilities.

**Rogers Telecom** has existing underground communications facilities within the project limits beginning beyond the southerly project limits and running northerly along a line 25' east of and parallel to the westerly right of way of the Canadian Pacific Railway, crossing Braun Road at Station 178BRE+57, and continuing northerly to beyond the project limits. This line will remain in place without adjustment.

Contact Vickie Moran (262-497-4611) of Rogers Telecom 7 days in advance to coordinate locations and any excavation near their facilities.

**Verizon Business** has existing underground communications facilities within the project limits beginning beyond the southerly project limits and running northerly along a line 20' west of and parallel to the easterly right of way of the Canadian Pacific Railway, crossing Braun Road at Station 179BRE+17, and continuing northerly to beyond the project limits. This line will remain in place without adjustment.

Contact Tom Buher (708-458-6410 office / 708-261-1394 cell) of Verizon Business 7 days in advance to coordinate locations and any excavation near their facilities.

**We Energies – Electric** has existing overhead and underground electric facilities within the project limits in the following locations:

- An existing overhead electric line beginning beyond the westerly project limits and running easterly along the existing southerly Braun Road right of way to Station 159BRE+12, 42'RT. Prior to construction, We Energies will relocate this line as noted below. The existing line and poles will be removed.
- An existing overhead electric line beginning at a pole at Station 170BRE+59, 82'LT and running southeasterly to a pole at Station 171BRE+60, 41'LT where it turns and runs southeasterly, crossing Braun Road at Station 171BRE+92, and continuing southeasterly to a pole at Station 172BRE+00, 10'RT. From there it runs easterly along the existing southerly Braun Road right of way to Station 206BRE+88, 26'RT where it turns and runs northeasterly, crossing Braun Road at Station 207BRE+54, and continues northeasterly to a pole at Station 208BRE+44, 32'LT. Prior to construction, We Energies will relocate this line as noted below. The existing line and poles will be removed.
- An existing overhead electric line beginning at Station 208BRE+44, 32'LT and running easterly along the existing northerly Braun Road right of way to beyond the project limits. This line will remain in place without adjustment.
- An existing overhead electric line beginning at Station 174BRE+10, 9'RT and running northeasterly, crossing Braun Road at Station 174BRE+16, and continuing to a pole at Station 174BRE+40, 39'LT. Prior to construction, We Energies will remove these poles and line.
- An existing overhead electric line beginning at Station 179BRE+36, 8'RT and running northerly, crossing Braun Road at Station 179BRE+35, and continuing to a pole at Station 179BRE+29, 67'LT. Prior to construction, We Energies will remove these poles and line.
- An existing overhead electric line beginning at Station 181BRE+96, 11'RT and running northerly, crossing Braun Road at Station 181BRE+96, and continuing to a pole at Station 181BRE+87, 75'LT. Prior to construction, We Energies will remove these poles and line.
- An existing underground electric line beginning a pole at Station 194BRE+96, 18'RT and running southerly to beyond the project limits. Prior to construction, We Energies will extend and reconstruct this line as noted below.
- An existing overhead guy wire beginning at a guy pole at Station 207BRE+56, 31'LT and running easterly, crossing 90<sup>th</sup> Street at Station 1001NS+94, and continuing to a pole at Station 208BRE+44, 32'LT. Prior to construction, We Energies will remove this pole and line.
- An existing overhead electric line beginning beyond the southerly project limits and running northerly along the existing easterly 90<sup>th</sup> Street right of way, crossing Braun Road at Station 208BRE+44, and continuing northerly to a pole at Station 208BRE+44, 32'LT and then continuing northerly along the easterly right of way to beyond the project limits. Prior to construction, We Energies will reconstruct this line in place from Station 999NS+20, 32'RT to a pole at Station 208BRE+44, 32'LT.

Prior to construction, We Energies will construct new overhead electric facilities in the following locations:

- A new overhead electric line beginning at a pole at Station 177BRE+76, 50'LT running easterly along a line 2.5' south of and parallel to the existing northerly Braun Road right of way, crossing 90<sup>th</sup> Street at Station 1001NS+93, and continuing to an existing pole at Station 208BRE+44, 32'LT.
- A new overhead electric line beginning at a pole at Station 179BRE+46, 46'LT running northwesterly to and existing pole at Station 179BRE+29, 67'LT.

Contact Dan Toomey (414-944-5695) of We Energies 7 days in advance to coordinate removals, construction, locations and any excavation near their facilities.

**We Energies – Gas** has existing underground gas facilities within the project limits in the following locations:

- An existing underground gas line beginning beyond the westerly project limits and running easterly along the southerly edge of pavement of Braun Road to Station 158BRE+59, 3'RT. From there the line runs southeasterly to Station 159BRE+46, 11'RT and then runs easterly along a line approximately 5' north of and parallel to the existing southerly Braun Road right of way, crossing 90<sup>th</sup> Street at Station 1001NS+30, and continuing easterly and ending at Station 209BRE+88, 29'RT. Prior to construction, We Energies will relocate this line as noted below. The existing line will be discontinued in place.
- An existing underground gas line beginning at a tee at Station 207BRE+70, 31'RT and running northerly, crossing Braun Road at Station 207BRE+73, and continuing northerly to beyond the project limits. Prior to construction, We Energies will discontinue the existing line in place between Station 207BRE+70, 31'RT and Station 207BRE74, 22'LT.

Prior to construction, We Energies will construct new underground gas facilities in the following locations:

- A new underground low-pressure gas line beginning beyond the westerly project limits and running easterly along a line 8' south of and parallel to the proposed northerly Braun Road right of way to Station 168BRE+36, 103'LT where it turns and runs southeasterly to Station 178BRE+78, 40'LT. From there it turns and runs easterly along a line 8' south of and parallel to the existing northerly Braun Road right of way, crossing 90<sup>th</sup> Street at Station 1004NS+08, and ending at Station 209BRE+88, 39'LT.
- A new underground low-pressure gas line beginning at a tee at Station 207BRE+68, 39'LT and running southerly and ending at Station 207BRE+68, 170'RT.
- A new underground low-pressure gas line beginning at a tee at Station 207BRE+72, 39'LT and running northerly along a line 2' east of and parallel to the existing westerly 90<sup>th</sup> Street right of way and tying into the existing main at Station 1006NS+39, 28'LT.
- A new underground high-pressure gas line beginning beyond the westerly project limits and running easterly along a line 3' north of and parallel to the proposed southerly Braun Road right of way to Station 206BRE+60, 133'RT where it turns and runs northeasterly to Station 207BRE+46, 50'RT. From there it turns and runs easterly along a line 15' south of and parallel to the existing southerly Braun Road right of way to beyond the project limits.

Prior to and during construction, We Energies will construct new underground gas facilities in the following locations:

- A new underground low-pressure gas line beginning at Station 176BRE+20, 55'LT and running easterly, crossing under the Canadian Pacific Railway, along a line 8' south of and parallel to the proposed northerly Braun Road right of way to Station 181+60, 32'LT. Construction of this gas line is anticipated to be completed by August 1, 2019.
- A new underground high-pressure gas line beginning at Station 176BRE+20, 115'RT and running easterly, crossing under the Canadian Pacific Railway, along a line 3' north of and parallel to the proposed southerly Braun Road right of way to Station 187+70, 125'RT. Construction of this gas line is anticipated to be completed by August 1, 2019.

Contact Dan Toomey (414-944-5695) of We Energies 7 days in advance to coordinate construction, locations and any excavation near their facilities.

**WisDOT** has no existing lighting facilities within the project limits. Prior to construction, as part of Project ID 3760-00-70, WisDOT will construct new underground lighting conduit beginning beyond the westerly project limits and running northeasterly and ending at Station 156BRE+29, 51'RT.

Contact Eric Perea (414-750-0935) 7 days in advance to coordinate locations and any excavation near their facilities.

**WisDOT** has no existing traffic signal facilities within the project limits. Prior to construction, as part of Project ID 3760-00-70, WisDOT will construct new underground signal conduit and pull boxes at Station 156BRE+23, LT and RT.

Contact Jarrett Gates (262-548-5894 office/ 414-750-2472 cell) of WisDOT 7 days in advance to coordinate locations and any excavation near their facilities.

**WisDOT** has no existing traffic management and communications facilities within the project limits. Prior to construction, as part of Project ID 3760-00-70, WisDOT will construct new underground communications conduit beginning beyond the westerly project limits and running northeasterly and ending at Station 156BRE+29, 65'RT.

Contact Jeff Madson (414-225-3723) of WisDOT 7 days in advance to coordinate locations and any excavation near their facilities.

## **21. Hauling Restrictions.**

*Replace entire article language with the following:*

*Replace standard spec 107.2 with the following:*

Prior to hauling any materials to or from the project, all trucking providers will be required to attend a mandatory pre-haul conference. The purpose of the pre-haul conference is to discuss specific project hauling requirements, placard implementation, weekly haul forecasting and reporting, and the processes required to secure approvals for any hauling routes not shown in the plan. Attendance of this conference is considered incidental to the work. Any trucking provider not attending the pre-haul conference will not be allowed to haul for the project.

The department will provide placards at the pre-haul conference for all trucks hauling materials to and from the project. These placards must be displayed on the dash when actively hauling for the project. Additional placards can be picked up at the Development Roads field office. Obtaining, distributing, and placement of the placards as well as implementation of the placard system is considered incidental to the work. Provide a forecast of the following week's hauling activities by 10:00 AM each Wednesday. The hauling forecast shall include the following information for each individual haul route for each day's hauling activities: the number of trucks hauling, the number of overall truck trips, the hours in operation, and the type of material being hauled. The haul route includes all roadways utilized between the material source/waste site and the project. The hauling forecast shall not combine haul routes. The department will provide a spreadsheet format for use in forecast reporting. The weekly hauling forecast and reporting is considered incidental to the work.

If additional haul routes are needed that are not shown in the plan, or part of the state trunk highway system, submit a New Haul Route Request Form detailing any additional haul routes three business days in advance of any proposed hauling to the department. Include the months, days of the week, time of day, number of trucks, types of trucks and maximum loads of trucks anticipated to accomplish the project work. The New Haul Route Request Form can be found on the department's 511 website at the address listed below.

<https://projects.511wi.gov/fdr/trucking/>

The department will review the request and either approve or provide a letter with comments and proposed revisions to the contractor within three business days of its receipt. If approved, the department will subsequently survey the existing condition of that haul route to establish a baseline for assessing damage that the contractor's hauling operations might cause.

At all times, conduct operations in a manner that will cause a minimum of disruption to traffic on existing roads.

Do not haul materials of any kind on, along or across any portion of 94 / IH 41, from noon Friday, July 10th, 2020 to 6:00 AM Monday, July 20<sup>th</sup>, 2020.

**Schedule of Items**

Attached, dated July 1, 2019, are the revised Schedule of Items Pages 1 – 11.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 4, 26, 35, 36, 51, 52, 66 – 71, 77, 78, 84, 87, 105, 110 – 112, 115, 116 – 119, 102 – 122, 130 – 137, 144, 154 – 160, 162 - 185, 189 – 191, 206, 319, and 337 – 340.

Added: 69A – 69C, 115A – 115H, 173A and 173B

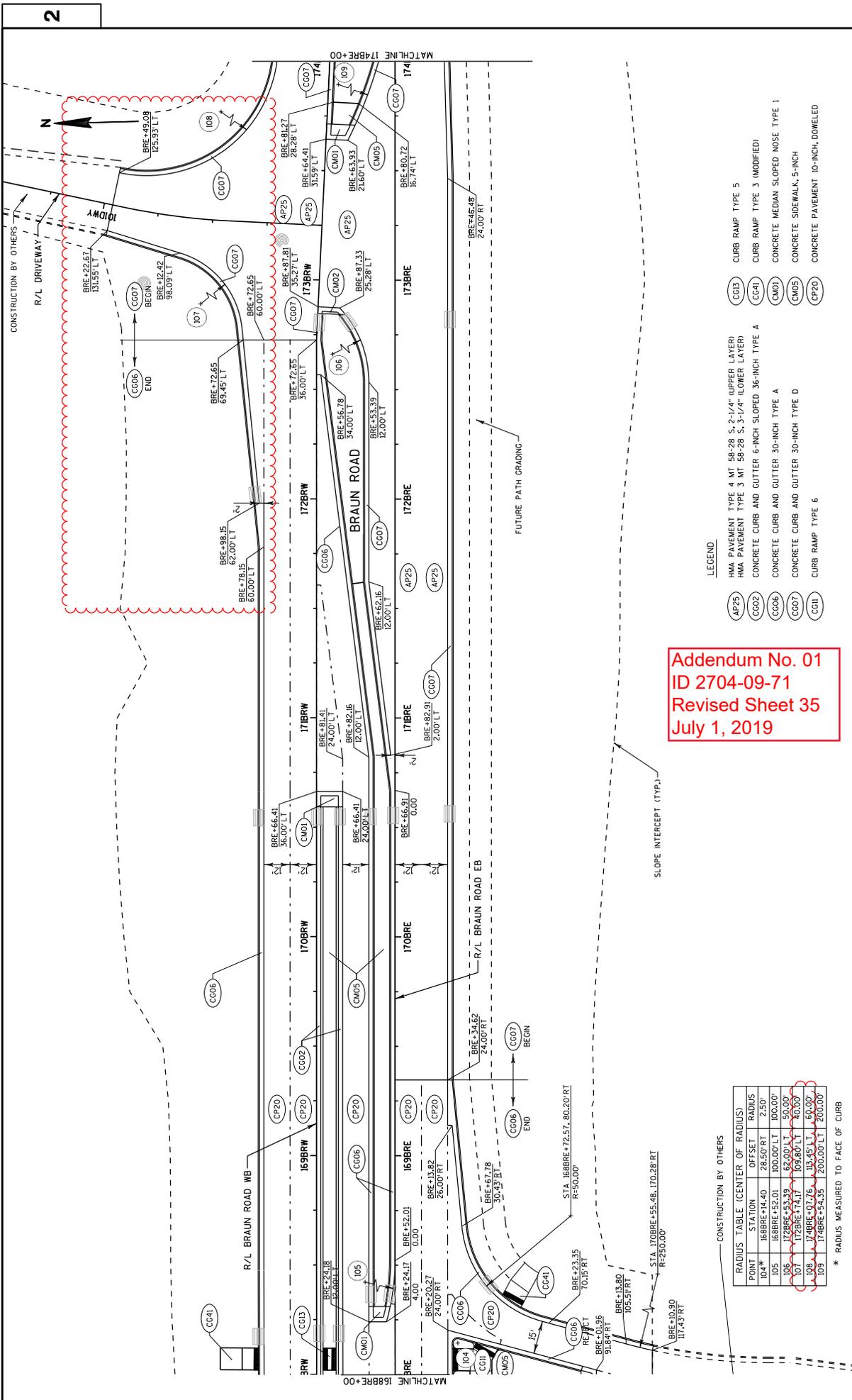
END OF ADDENDUM

ALL IDENTIFIERS	R/L CALLOUT	ROAD NAME
BRE	R/L BRAUN ROAD EB	BRAUN ROAD EB
BRW	R/L BRAUN ROAD WB	BRAUN ROAD WB
DWY	R/L DRIVEWAY	DRIVEWAY
NS	R/L 90TH STREET	90TH STREET
PQ	R/L POND Q	POND Q
PD	R/L DITCH	POND OUTFALL DITCH
TNS	R/L TEMPORARY 90TH STREET	TEMPORARY 90TH STREET

Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 4  
 July 1, 2019

HMA PAVEMENT TYPE	TOTAL PAVEMENT LAYER THICKNESS	LAYERS
4 MT 58-28 S	5'-1/2"	2-1/4" UPPER LAYER
3 MT 58-28 S	5"	3-1/4" LOWER LAYER
ASPHALTIC SURFACE TEMPORARY	5"	N/A





**Addendum No. 01**  
**ID 2704-09-71**  
**Revised Sheet 35**  
**July 1, 2019**

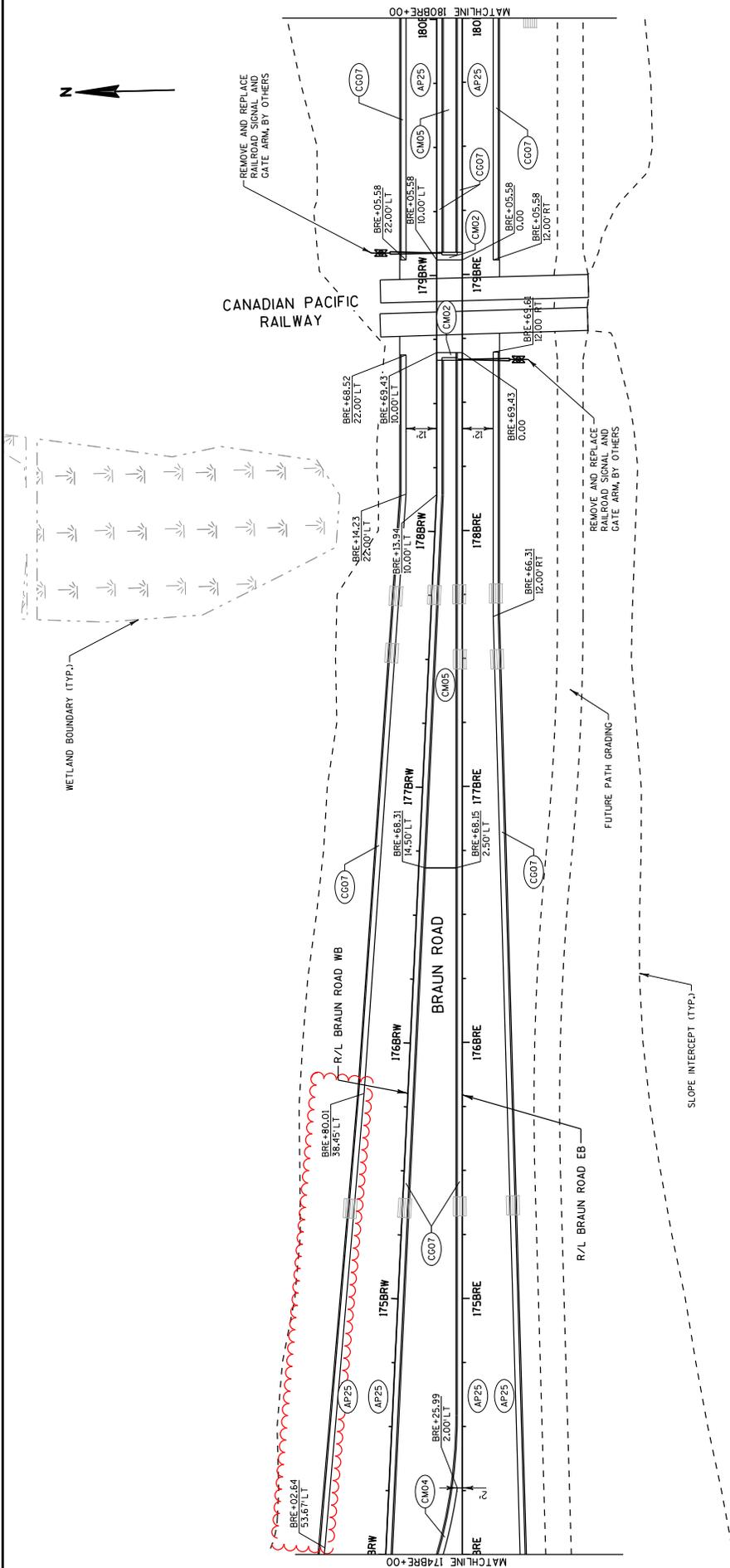
**LEGEND**

- (AP25) HMA PAVEMENT TYPE 4 MT 58-28 S.2-1/4" (UPPER LAYER)
- (CC02) HMA PAVEMENT TYPE 3 MT 58-28 S.3-1/4" (LOWER LAYER)
- (CC06) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- (CC07) CONCRETE CURB AND GUTTER 30-INCH TYPE A
- (CC01) CONCRETE CURB AND GUTTER 30-INCH TYPE D
- (CP20) CURB RAMP TYPE 6
- (CC03) CURB RAMP TYPE 5
- (CC41) CURB RAMP TYPE 3 (MODIFIED)
- (CM01) CONCRETE MEDIAN SLOPED NOSE TYPE 1
- (CM05) CONCRETE SIDEWALK, 5-INCH
- (CP20) CONCRETE PAVEMENT 10-INCH, DOWELED

RADIUS TABLE (CENTER OF RADIUS)

POINT	STATION	OFFSET	RADIUS
104*	168BR+14.40	28.50' RT	2.50'
105	168BR+52.01	100.00' LT	100.00'
106	172BR+53.39	62.00' LT	50.00'
107	172BR+74.17	69.80' LT	40.00'
108	174BR+01.76	113.45' LT	60.00'
109	174BR+54.35	200.00' LT	200.00'

\* RADIUS MEASURED TO FACE OF CURB

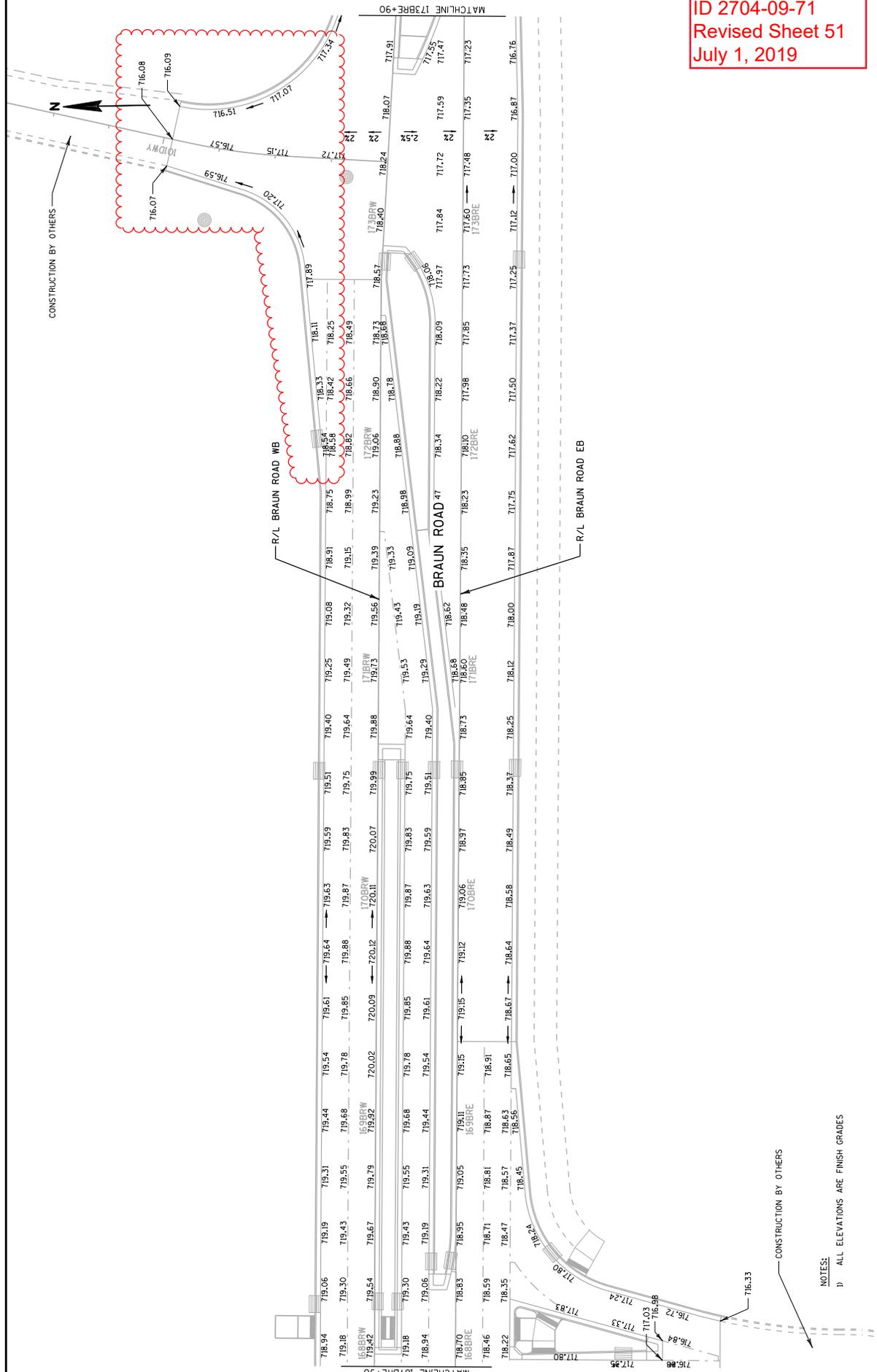


Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 36  
 July 1, 2019

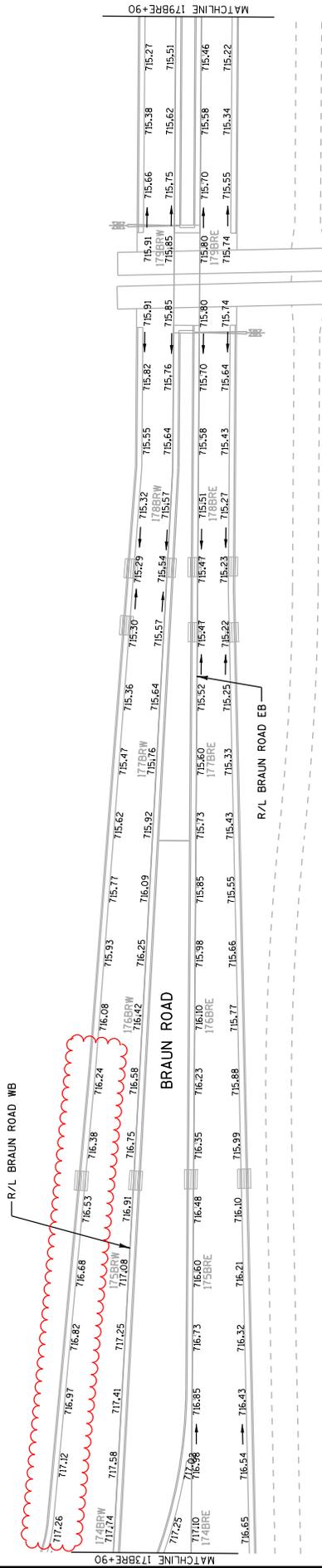
- LEGEND
- (AP25) HMA PAVEMENT TYPE 4 MT 58-28 S, 2-1/4" (UPPER LAYER)
  - (AP25) HMA PAVEMENT TYPE 3 MT 58-28 S, 3-1/4" (LOWER LAYER)
  - (C007) CONCRETE CURB AND GUTTER 30-INCH TYPE D
  - (C002) CONCRETE MEDIAN SLOPED NOSE TYPE 2
  - (M02) MAINTENANCE OPENING
  - (C005) CONCRETE SIDEWALK, 5-INCH

PROJECT NO: 2704-09-71	HWY: BRAUIN ROAD	COUNTY: RACINE	PLAN DETAILS: BRAUIN ROAD	SHEET 36	E
FILE NAME : D:\1\pwr-int\pwb-ear\Lakes\Documents\Modison\Projects\71190_1-94 Local_Roads\VL\Engineer\cng\4.3_Brauin\4.3.5_Eost\PH03\CBM71200_2814_2019.rvt PLOT NAME : PLOT SCALE : 40:1 PLOT BY : jdep.les					

Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 51  
 July 1, 2019



NOTES:  
 1) ALL ELEVATIONS ARE FINISH GRADES



Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 52  
 July 1, 2019

NOTES:  
 1) ALL ELEVATIONS ARE FINISH GRADES





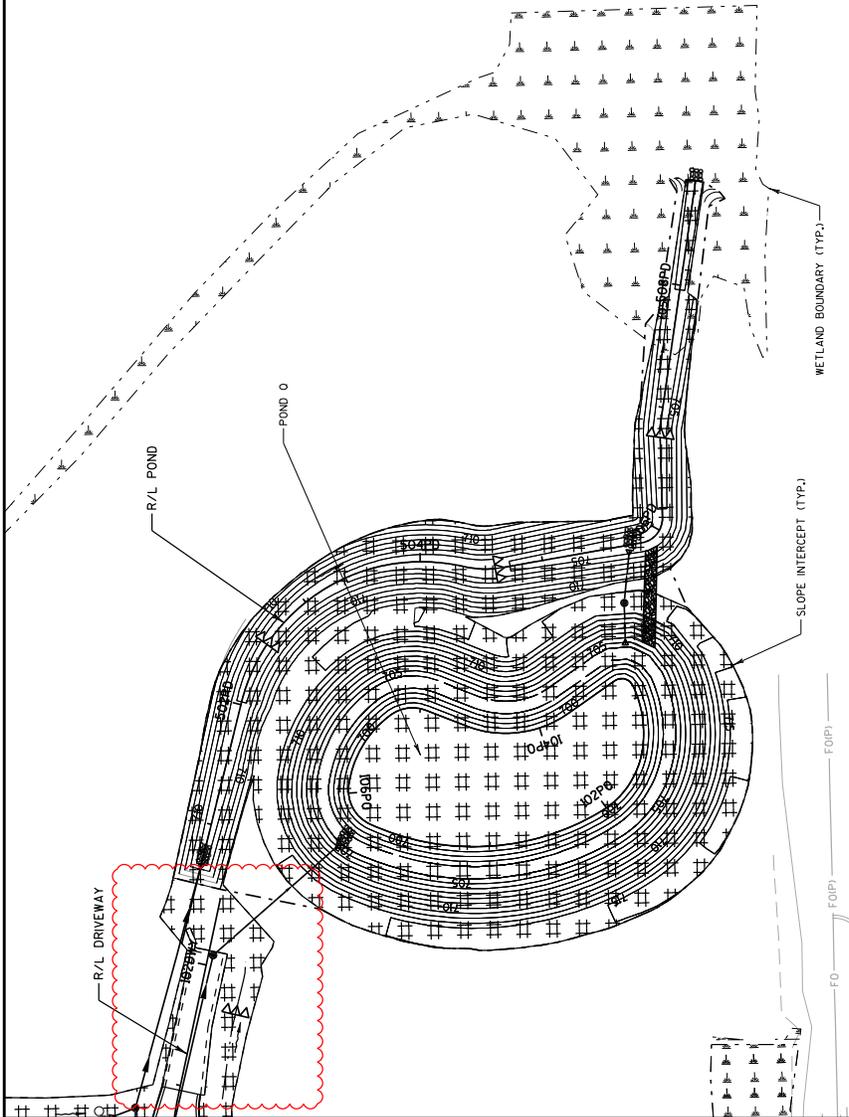
Addendum No. 01  
ID 2704-09-71  
Revised Sheet 69  
July 1, 2019

NOTES

1. EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. AREAS IN THE MEDIAN AND BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS REQUIRE TOPSOIL, SPECIAL FERTILIZER, SEED, AND EROSION MAT.
3. RESTORATION AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS SHALL BE SEEDED WITH DOT SEEDING MIXTURE NO. 40.
4. WHEN INLET PROTECTION TYPE A & D ARE INDICATED AT THE SAME LOCATION USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE D AFTER THE INLET CASTINGS ARE IN PLACE.
5. EROSION CONTROL ITEMS THAT ARE SHOWN SCREENED ARE PLACED IN PREVIOUS STAGES AND ARE DISPLAYED FOR REFERENCE ONLY.

EROSION CONTROL LEGEND

- |  |                                  |  |                         |
|--|----------------------------------|--|-------------------------|
|  | EROSION MAT URBAN CLASS I TYPE B |  | INLET PROTECTION TYPE A |
|  | SILT FENCE                       |  | INLET PROTECTION TYPE D |
|  | HEAVY DUTY SILT FENCE            |  | RIP RAP HEAVY           |
|  | EROSION BALES                    |  | TEMPORARY DITCH CHECK   |
|  | SURFACE WATER FLOW               |  | CULVERT PIPE CHECK      |







MATCHLINE 200BR+00

MATCHLINE 185BR+00

R/L BRAUN ROAD EB

BRAUN ROAD

196BR

192BR

188BR

184BR

180BR

176BR

172BR

168BR

164BR

Addendum No. 01  
ID 2704-09-71  
Added Sheet 69B  
July 1, 2019

EROSION CONTROL LEGEND

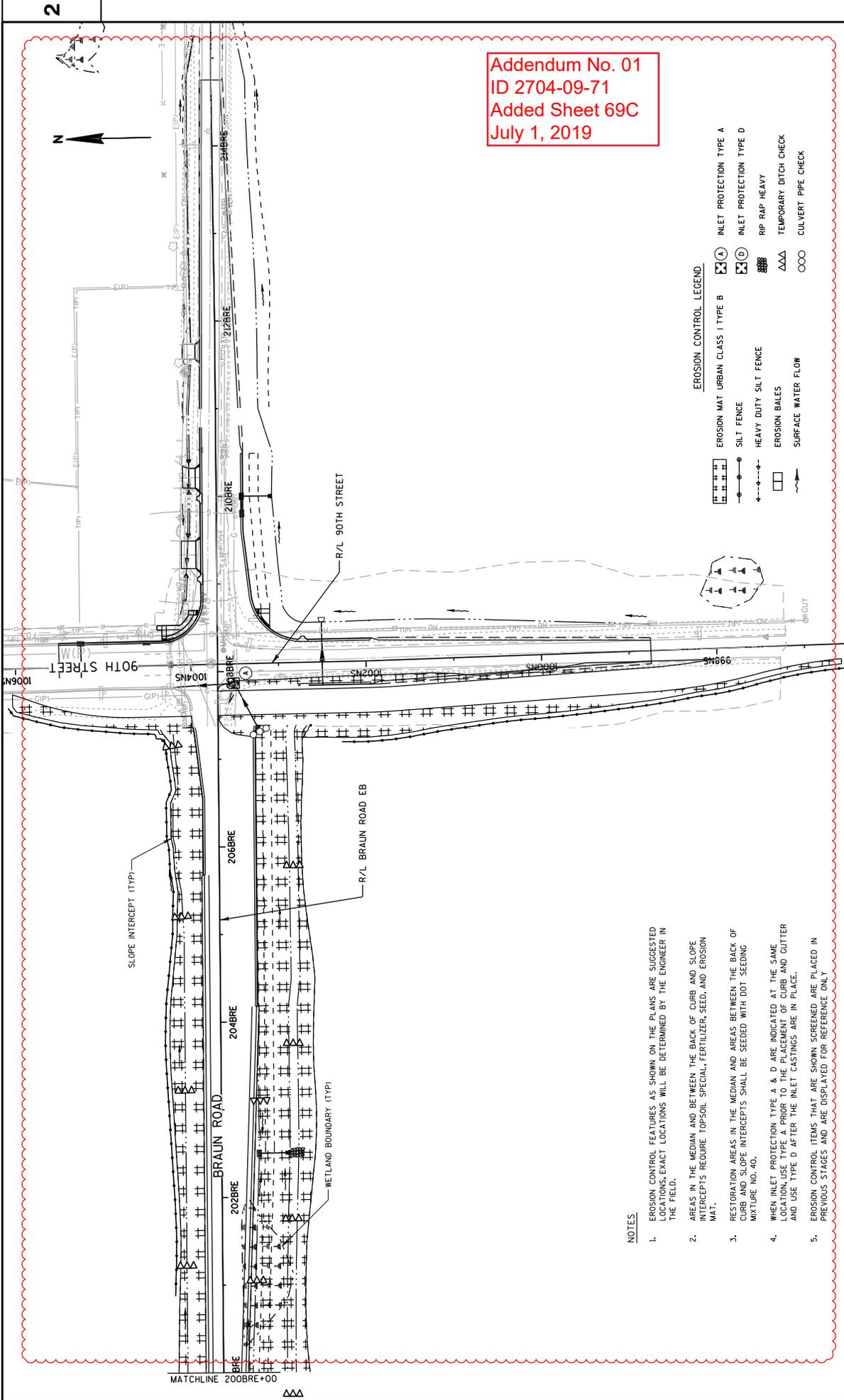
- EROSION MAT URBAN CLASS 1 TYPE B
- SILT FENCE
- HEAVY DUTY SILT FENCE
- EROSION BALES
- SURFACE WATER FLOW
- INLET PROTECTION TYPE A
- INLET PROTECTION TYPE D
- RIP RAP HEAVY
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK

NOTES

- EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- AREAS IN THE MEDIAN AND BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT.
- RESTORATION AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS SHALL BE SEEDING WITH DOT SEEDING MIXTURE NO. 40.
- WHEN INLET PROTECTION TYPE A & D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE D AFTER THE INLET CASTINGS ARE IN PLACE.
- EROSION CONTROL ITEMS THAT ARE SHOWN SCREENED ARE PLACED IN PREVIOUS STAGES AND ARE DISPLAYED FOR REFERENCE ONLY.

WETLAND BOUNDARY (TYP)

SLOPE INTERCEPT (TYP)



Addendum No. 01  
 ID 2704-09-71  
 Added Sheet 69C  
 July 1, 2019

**EROSION CONTROL LEGEND**

	EROSION MAT URBAN CLASS I TYPE B		INLET PROTECTION TYPE A
	SILT FENCE		INLET PROTECTION TYPE D
	HEAVY DUTY SILT FENCE		RIP RAP HEAVY
	EROSION BALES		TEMPORARY DITCH CHECK
	SURFACE WATER FLOW		CULVERT PIPE CHECK

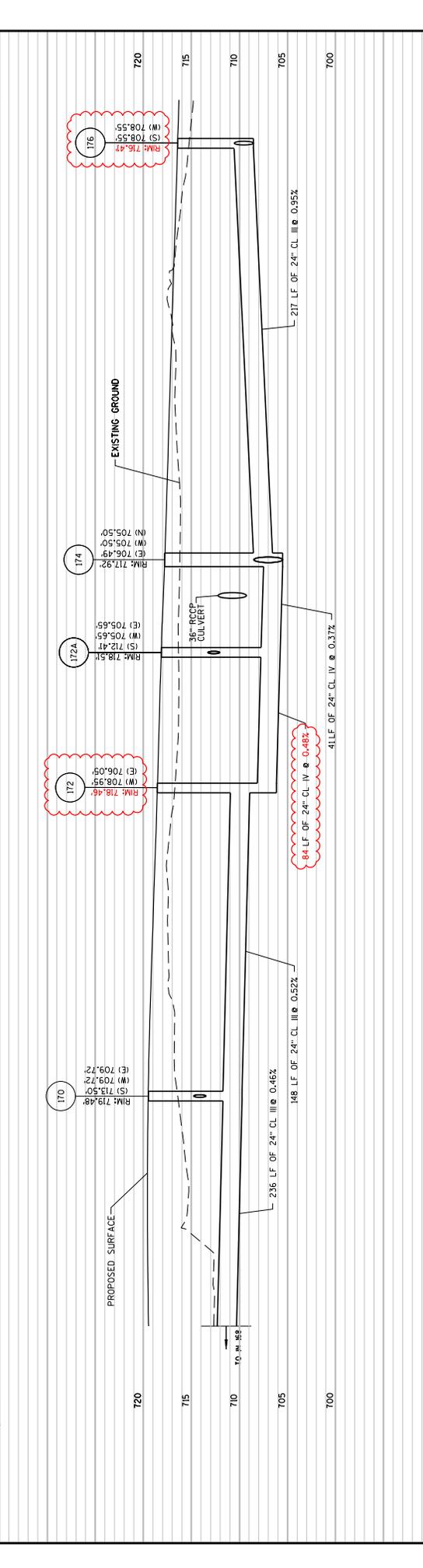
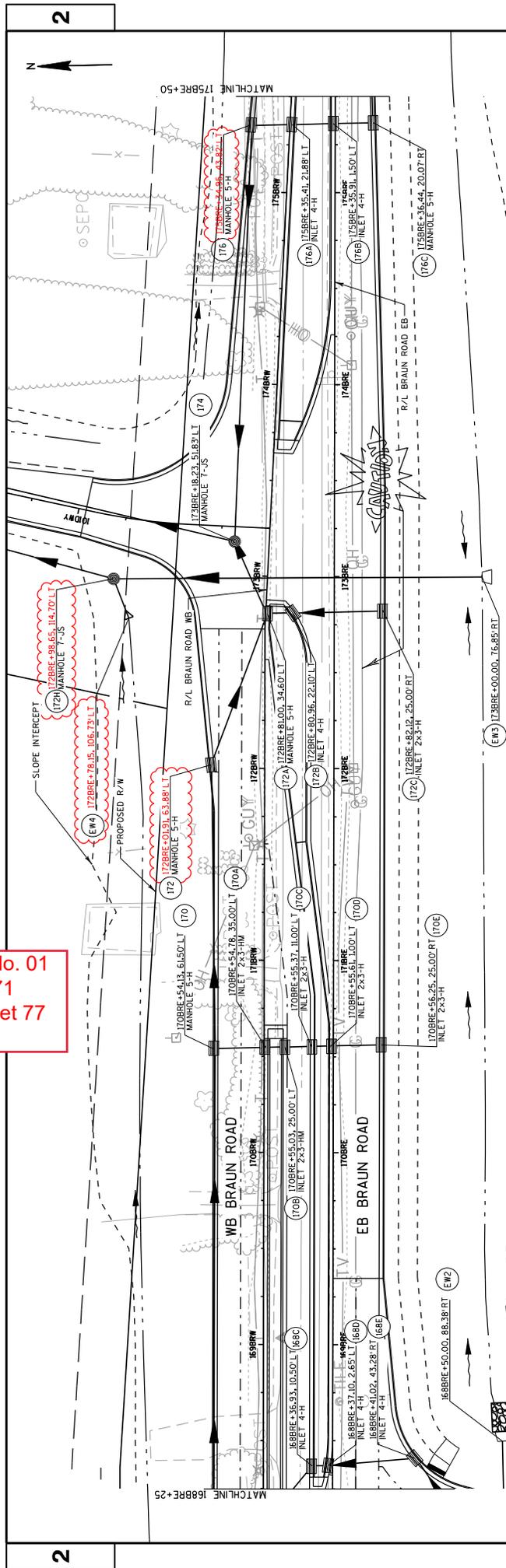
**NOTES**

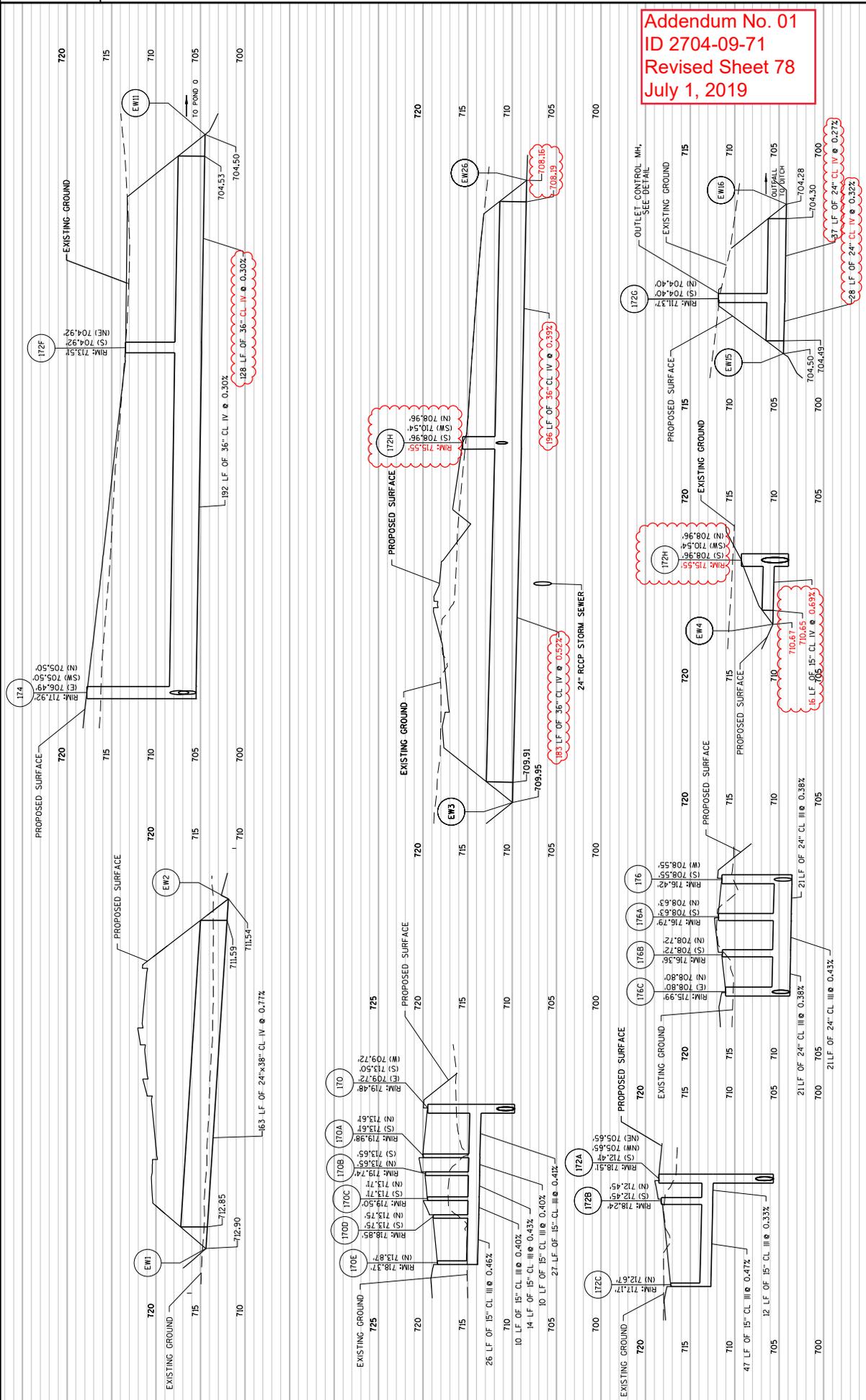
1. EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. AREAS IN THE MEDIAN AND BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT.
3. RESTORATION AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS SHALL BE SEEDED WITH DOT SEEDING MIXTURE NO. 40.
4. WHEN INLET PROTECTION TYPE A & D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE D AFTER THE INLET CASTINGS ARE IN PLACE.
5. EROSION CONTROL ITEMS THAT ARE SHOWN SCREENED ARE PLACED IN PREVIOUS STAGES AND ARE DISPLAYED FOR REFERENCE ONLY.





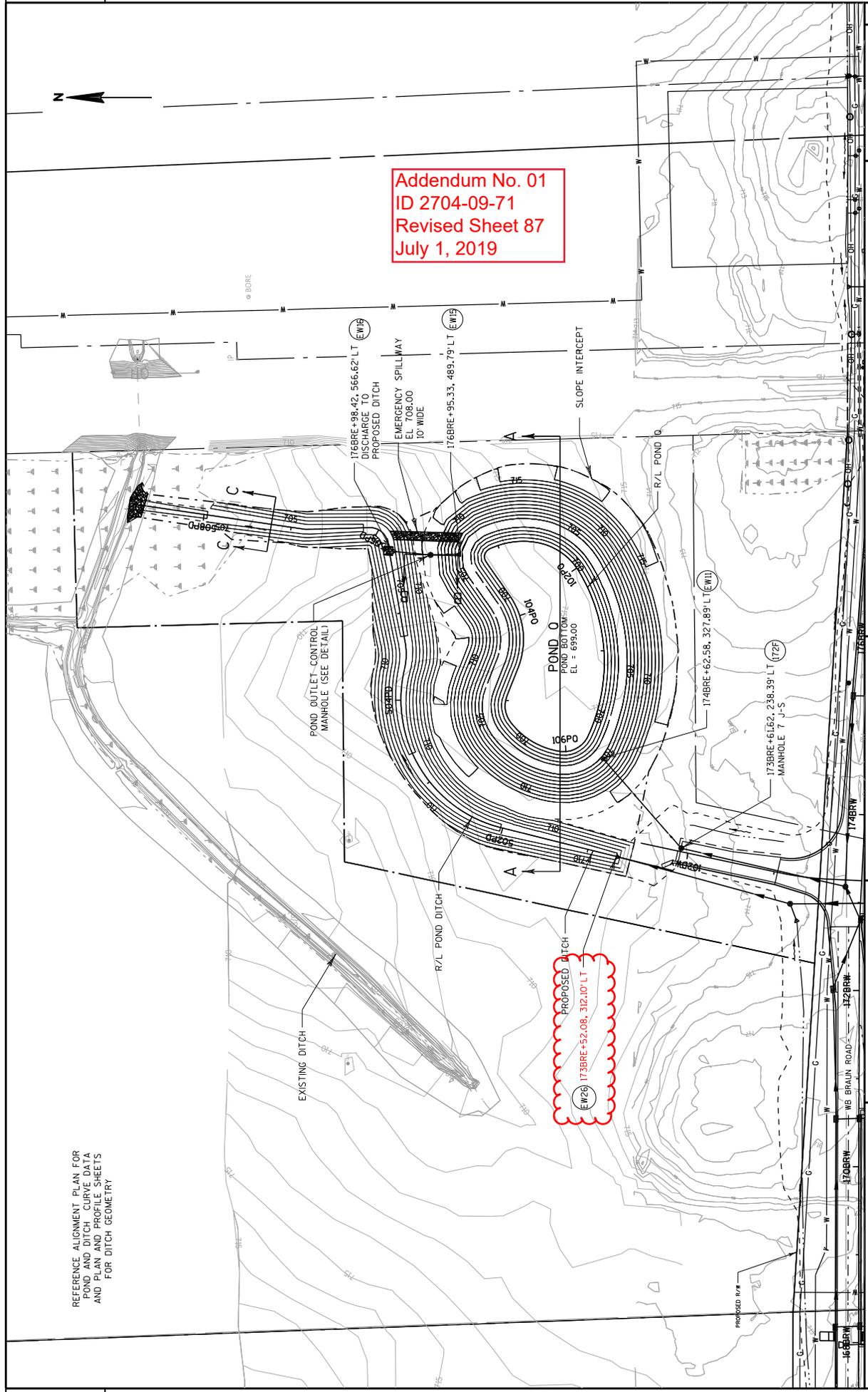
Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 77  
 July 1, 2019







REFERENCE ALIGNMENT PLAN FOR  
POND AND DITCH CURVE DATA  
AND PLAN AND PROFILE SHEETS  
FOR DITCH GEOMETRY



Addendum No. 01  
ID 2704-09-71  
Revised Sheet 87  
July 1, 2019

PROJECT NO: 2704-09-71

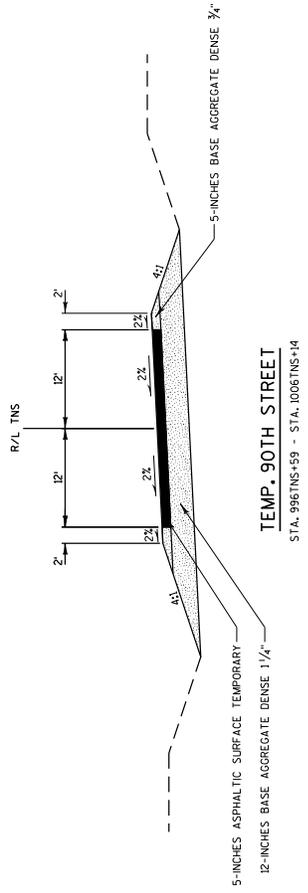
HWY: BRAUN ROAD EAST

COUNTY: RACINE

POND DETAIL SHEET

SHEET 87

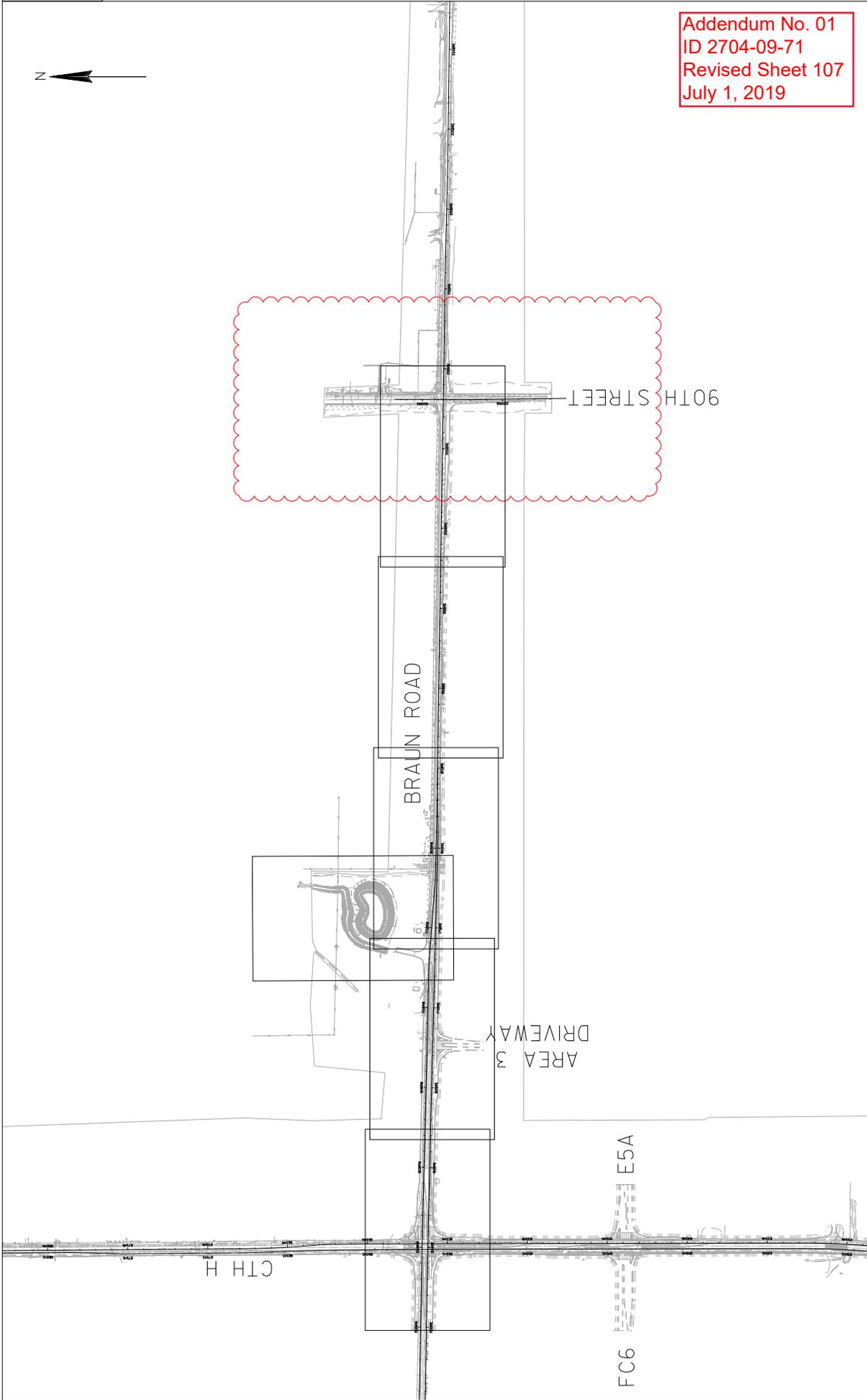
Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 105  
 July 1, 2019



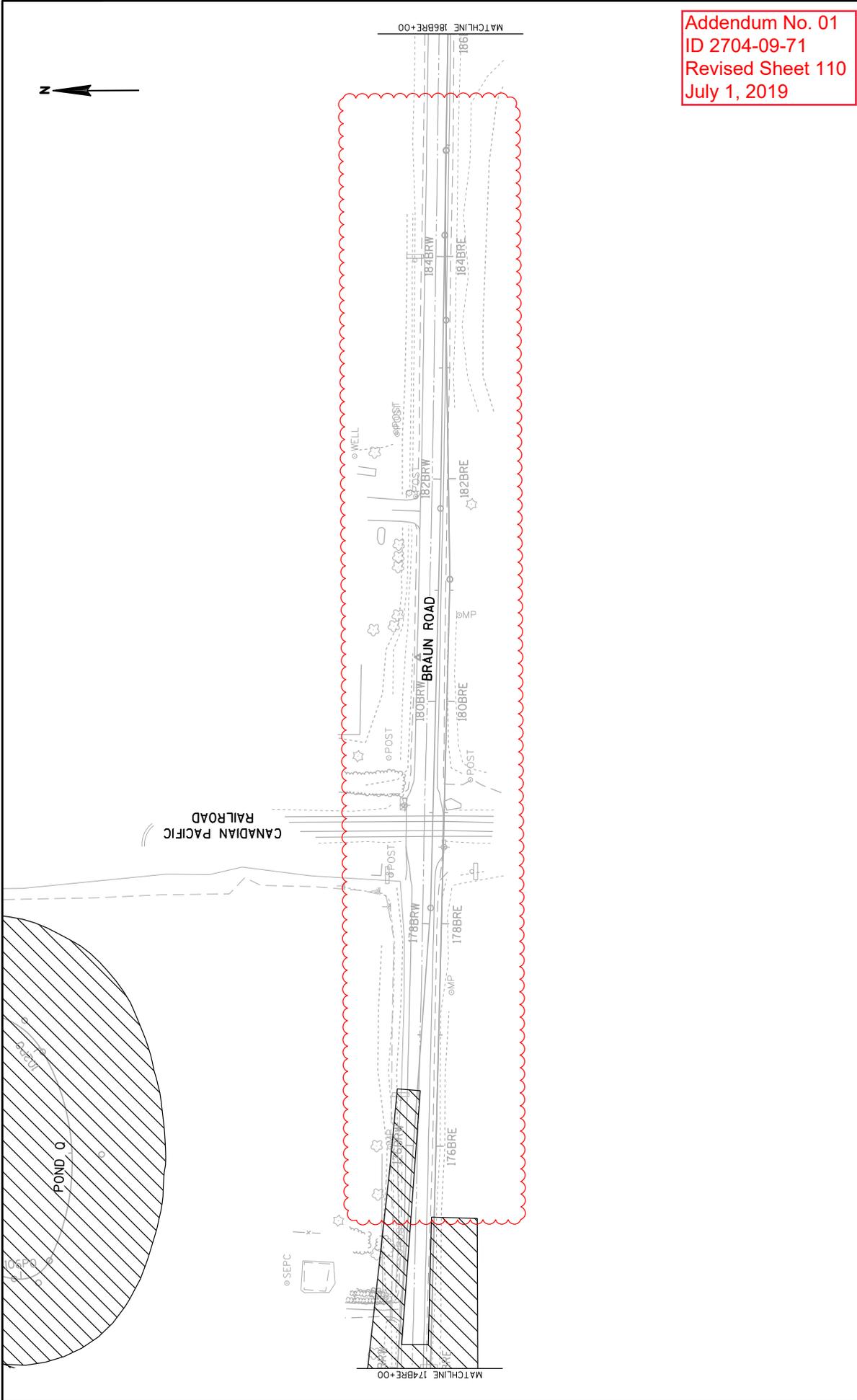
PROJECT NO: 2704-09-71	HWY: CTH H	COUNTY: RACINE	TYPICAL SECTIONS - TEMP. 90TH ST STAGING	SHEET 105	E
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PLOT NAME : #FILE#					
PLOT BY : jdeples					
PLOT SCALE : 15:1					



Addendum No. 01  
ID 2704-09-71  
Revised Sheet 107  
July 1, 2019



2

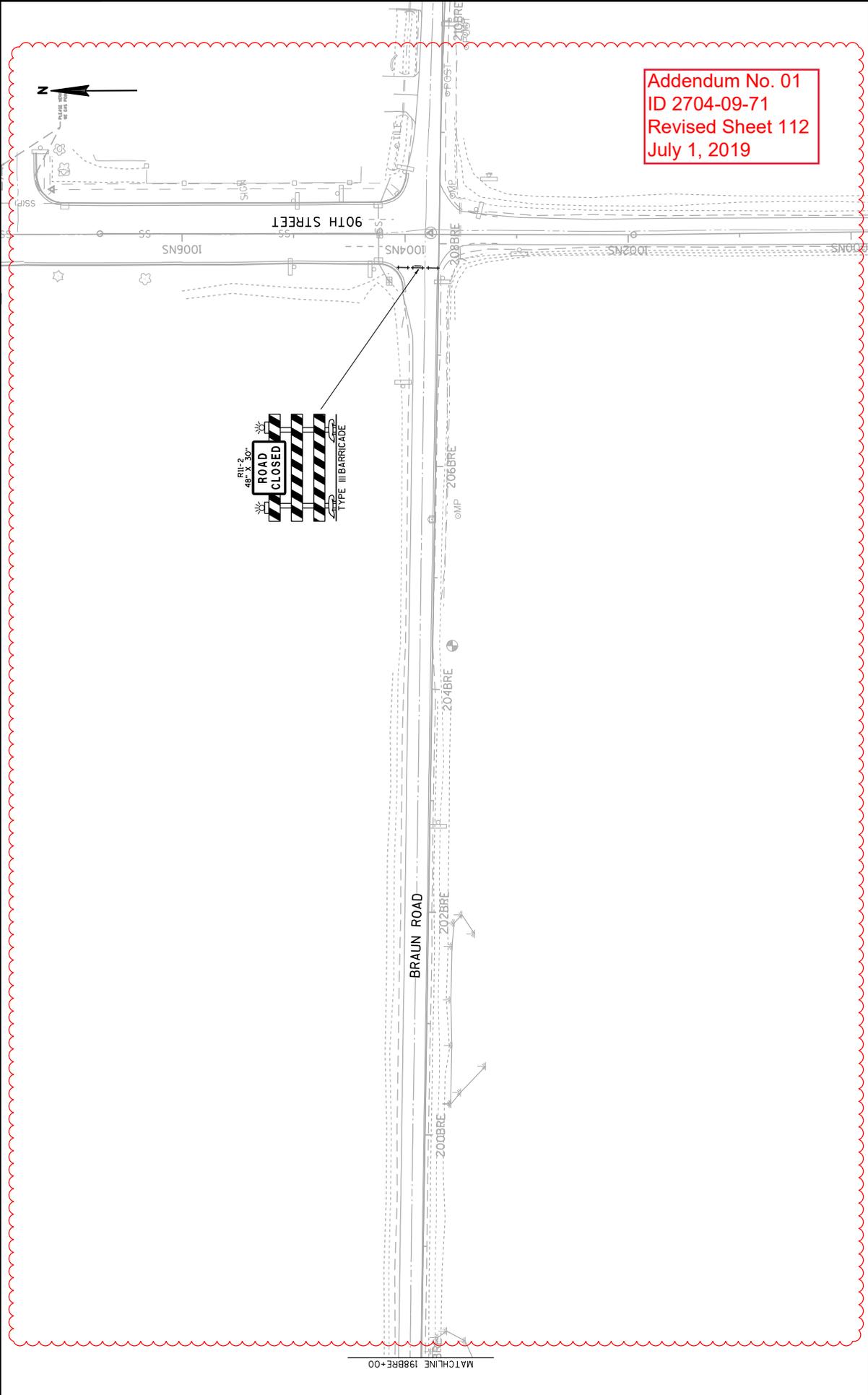


2

Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 110  
 July 1, 2019

PROJECT NO: 2704-09-71	HWY: BRAUN ROAD	COUNTY: RACINE	TRAFFIC CONTROL - STAGE 1	SHEET 110	E
FILE NAME : D:\Vb\Int\Intb\org\FM\Direct_Lakes\Documents\Madison Projects\71190 1-94 Local Roads\4-Engineer-Ing\4.3-Braun\4.3.5-East\176B\180B\182B\184B\186B\188B\190B\192B\194B\196B\198B\200B\202B\204B\206B\208B\210B\212B\214B\216B\218B\220B\222B\224B\226B\228B\230B\232B\234B\236B\238B\240B\242B\244B\246B\248B\250B\252B\254B\256B\258B\260B\262B\264B\266B\268B\270B\272B\274B\276B\278B\280B\282B\284B\286B\288B\290B\292B\294B\296B\298B\300B\302B\304B\306B\308B\310B\312B\314B\316B\318B\320B\322B\324B\326B\328B\330B\332B\334B\336B\338B\340B\342B\344B\346B\348B\350B\352B\354B\356B\358B\360B\362B\364B\366B\368B\370B\372B\374B\376B\378B\380B\382B\384B\386B\388B\390B\392B\394B\396B\398B\400B\402B\404B\406B\408B\410B\412B\414B\416B\418B\420B\422B\424B\426B\428B\430B\432B\434B\436B\438B\440B\442B\444B\446B\448B\450B\452B\454B\456B\458B\460B\462B\464B\466B\468B\470B\472B\474B\476B\478B\480B\482B\484B\486B\488B\490B\492B\494B\496B\498B\500B\502B\504B\506B\508B\510B\512B\514B\516B\518B\520B\522B\524B\526B\528B\530B\532B\534B\536B\538B\540B\542B\544B\546B\548B\550B\552B\554B\556B\558B\560B\562B\564B\566B\568B\570B\572B\574B\576B\578B\580B\582B\584B\586B\588B\590B\592B\594B\596B\598B\600B\602B\604B\606B\608B\610B\612B\614B\616B\618B\620B\622B\624B\626B\628B\630B\632B\634B\636B\638B\640B\642B\644B\646B\648B\650B\652B\654B\656B\658B\660B\662B\664B\666B\668B\670B\672B\674B\676B\678B\680B\682B\684B\686B\688B\690B\692B\694B\696B\698B\700B\702B\704B\706B\708B\710B\712B\714B\716B\718B\720B\722B\724B\726B\728B\730B\732B\734B\736B\738B\740B\742B\744B\746B\748B\750B\752B\754B\756B\758B\760B\762B\764B\766B\768B\770B\772B\774B\776B\778B\780B\782B\784B\786B\788B\790B\792B\794B\796B\798B\800B\802B\804B\806B\808B\810B\812B\814B\816B\818B\820B\822B\824B\826B\828B\830B\832B\834B\836B\838B\840B\842B\844B\846B\848B\850B\852B\854B\856B\858B\860B\862B\864B\866B\868B\870B\872B\874B\876B\878B\880B\882B\884B\886B\888B\890B\892B\894B\896B\898B\900B\902B\904B\906B\908B\910B\912B\914B\916B\918B\920B\922B\924B\926B\928B\930B\932B\934B\936B\938B\940B\942B\944B\946B\948B\950B\952B\954B\956B\958B\960B\962B\964B\966B\968B\970B\972B\974B\976B\978B\980B\982B\984B\986B\988B\990B\992B\994B\996B\998B\1000B					



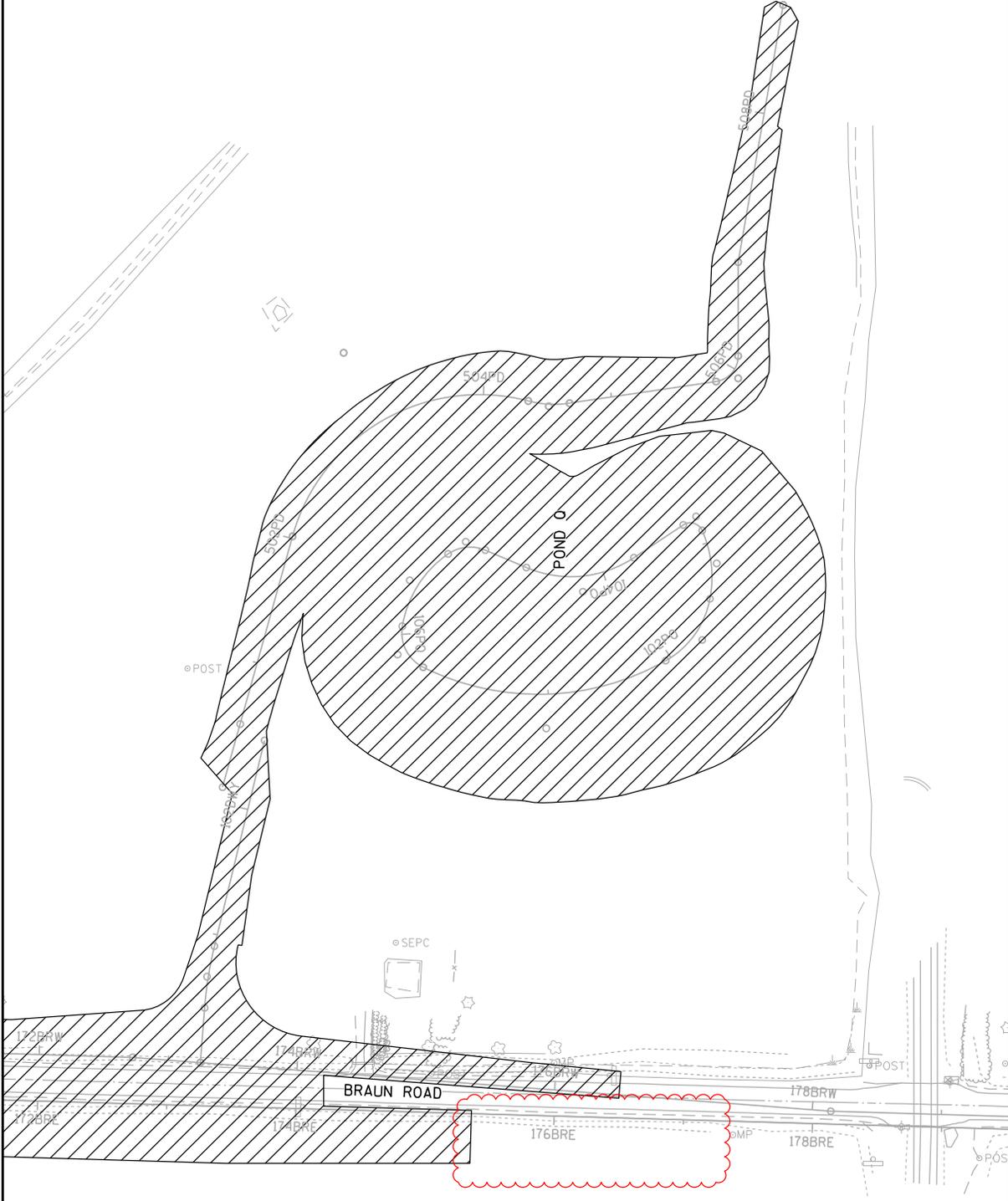


PROJECT NO: 2704-09-71	HWY: BRAUN ROAD	COUNTY: RACINE	TRAFFIC CONTROL - STAGE 1	SHEET 112	E
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FILE NAME : D:\dw\dw\intb\org\FM\Direct...Lakes\Documents\Modison Projects\71130 1-94 Local Roads\4-Engineer\img\N.3-Brown\1.3.5-East\Title\03\B\W26106.281.2009 2:53:45 PM PLOT BY : jpedules PLOT SCALE : 80:1 WISDOT/CADDS SHEET 42

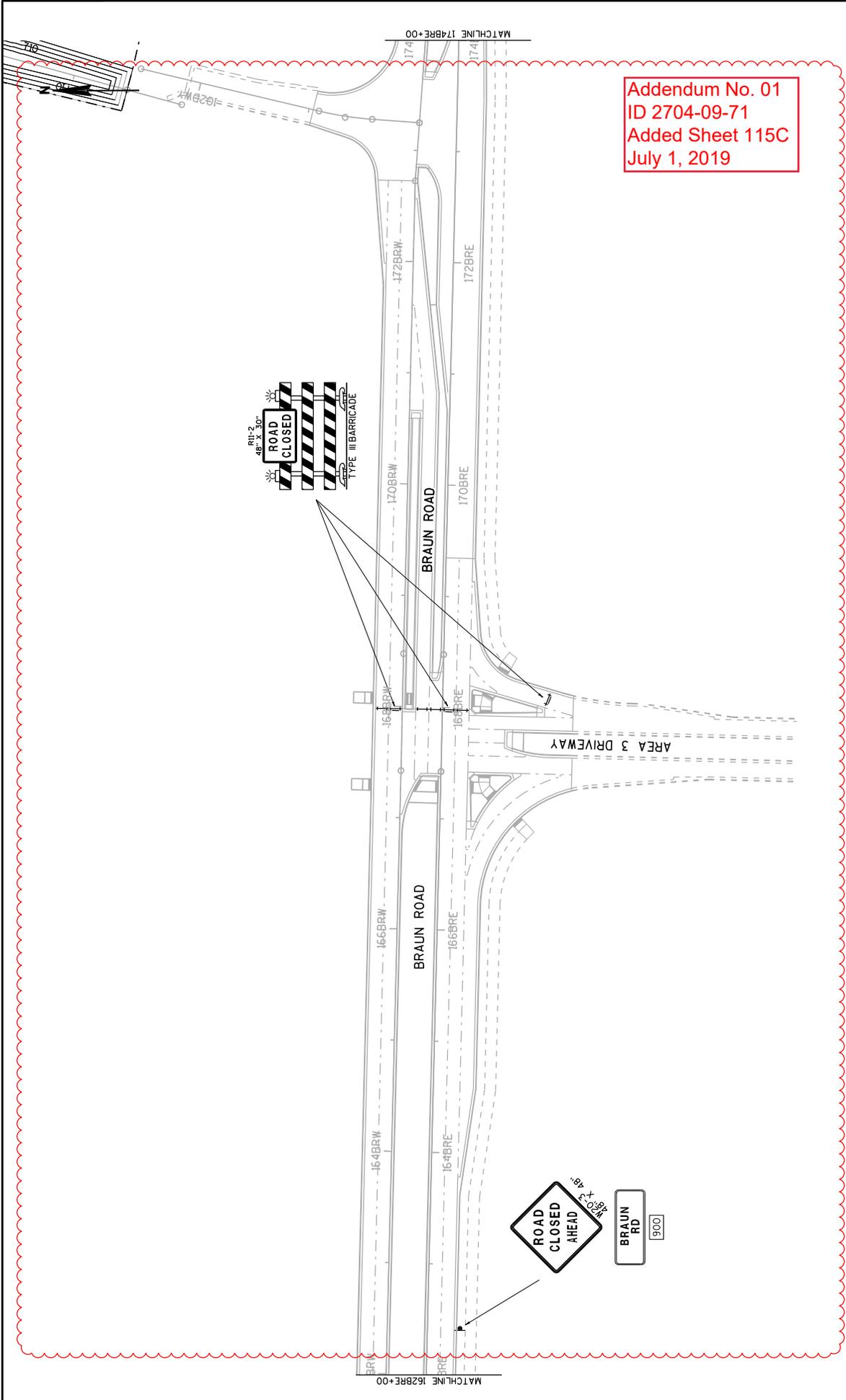


Addendum No. 01  
ID 2704-09-71  
Revised Sheet 115  
July 1, 2019









PROJECT NO: 2704-09-71

HWY: BRAUN ROAD

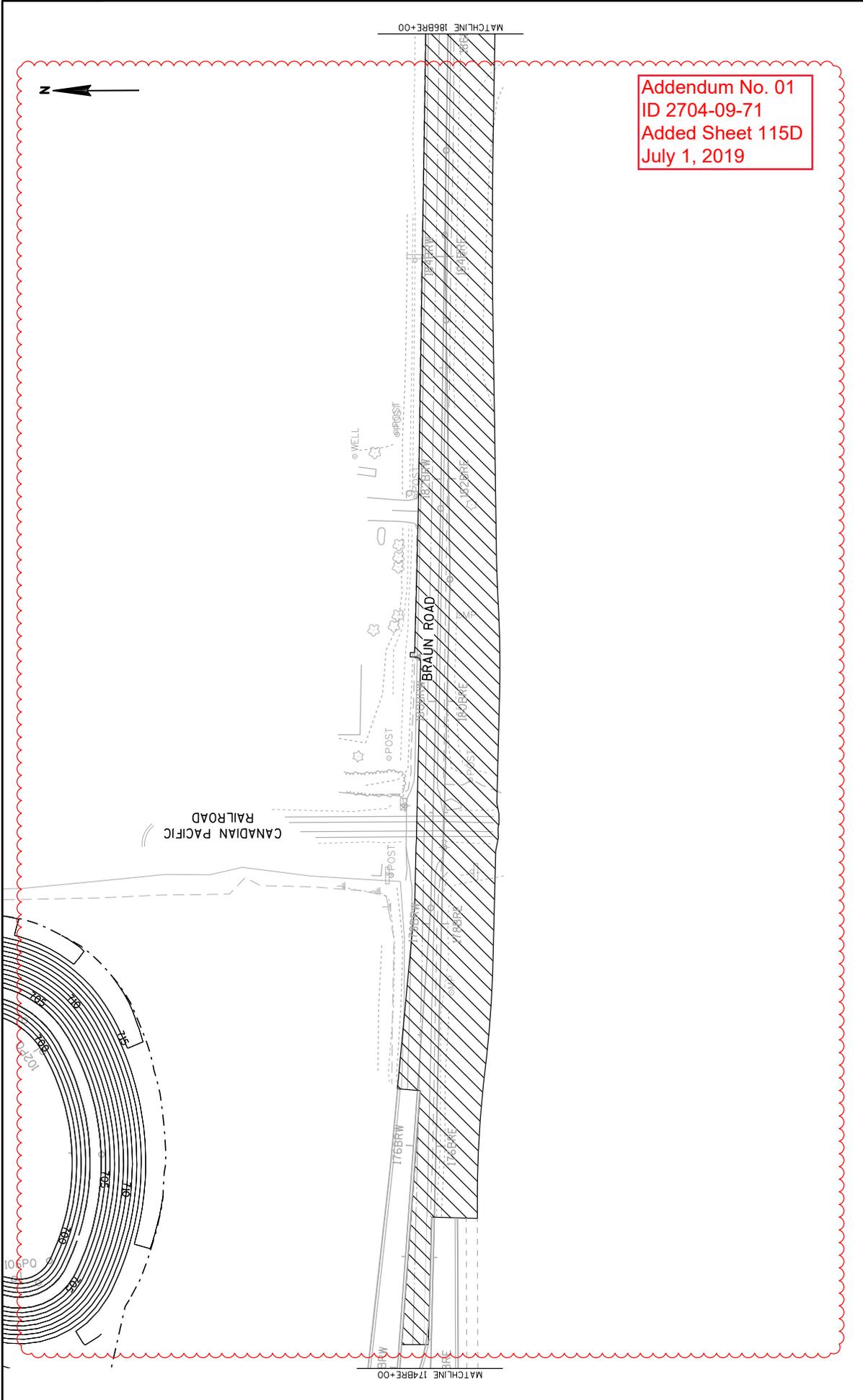
COUNTY: RACINE

TRAFFIC CONTROL - STAGE 2A

SHEET 115C

E

2



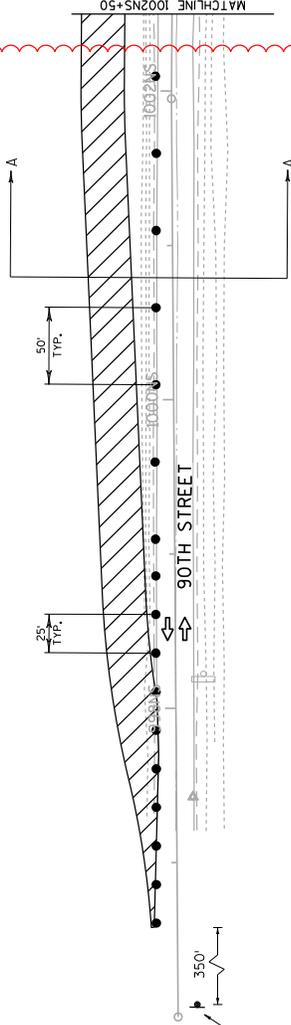
Addendum No. 01  
 ID 2704-09-71  
 Added Sheet 115D  
 July 1, 2019

2

PROJECT NO: 2704-09-71	HWY: BRAUN ROAD	COUNTY: RACINE	TRAFFIC CONTROL - STAGE 2A	SHEET 115D	E
FILE NAME : D:\Vp\Int\Intb\org\FM\Creat_Lakes\Documents\Madison Projects\71130 1-94 Local Roads\4-Engineer\mgm\3-Brown\4.3.5-East\Plot\06\W06209_28.dwg PLOT BY : jpediles					
PLOT SCALE : 80:1					
PLOT NAME : WISDOT/CADDS SHEET 42					



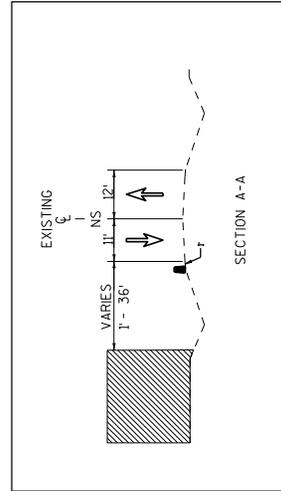




Addendum No. 01  
 ID 2704-09-71  
 Added Sheet 115G  
 July 1, 2019

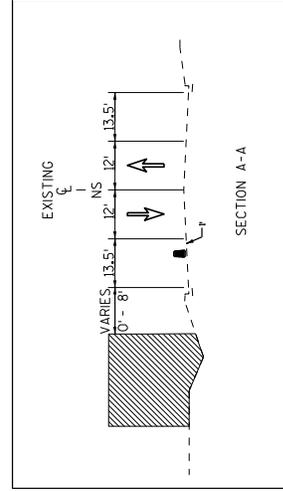
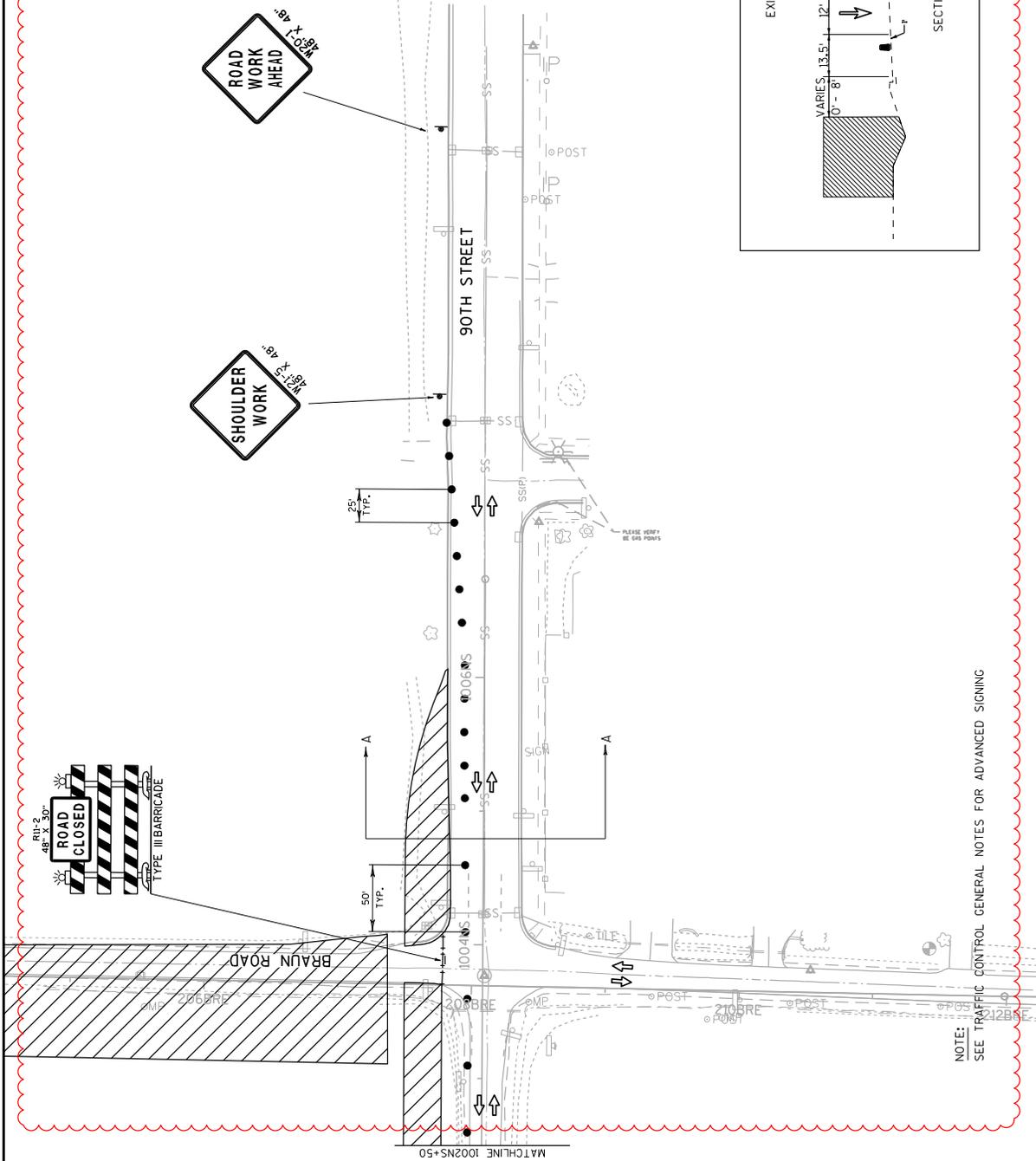


NOTE:  
 SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING





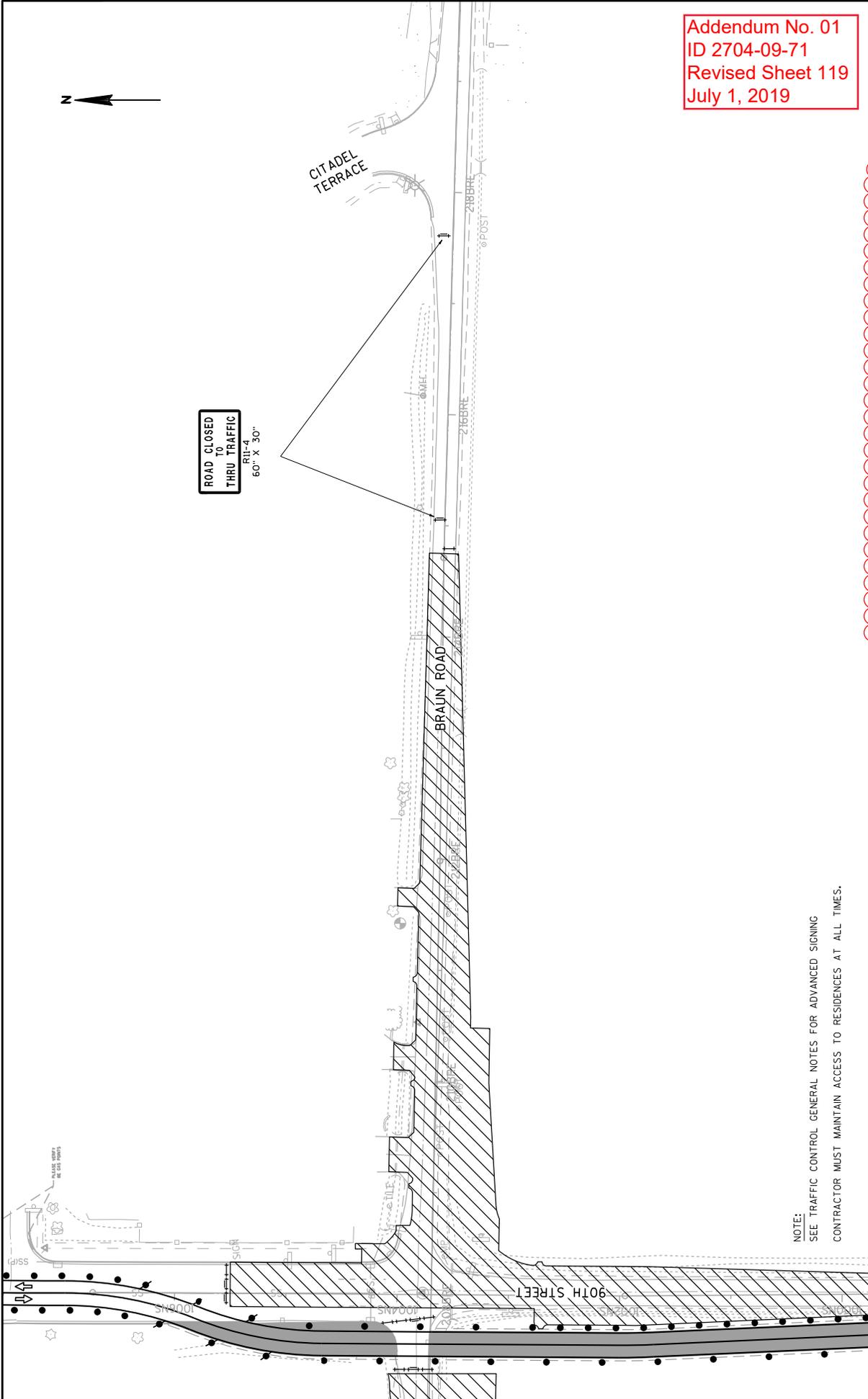
Addendum No. 01  
ID 2704-09-71  
Added Sheet 115H  
July 1, 2019









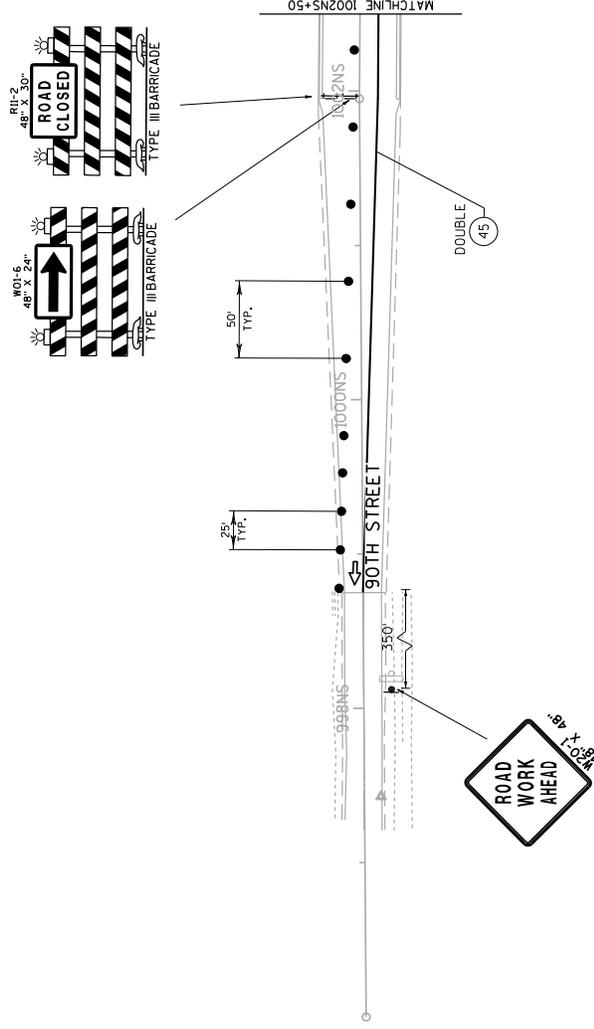


**ROAD CLOSED TO THRU TRAFFIC**  
 R11-4  
 60" X 30"

Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 119  
 July 1, 2019

NOTE:  
 SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING  
 CONTRACTOR MUST MAINTAIN ACCESS TO RESIDENCES AT ALL TIMES.





Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 121  
 July 1, 2019

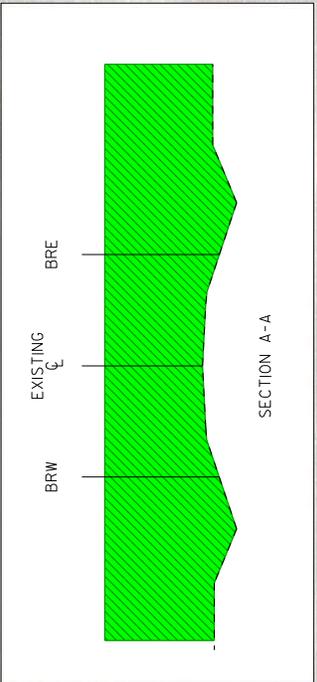
NOTE:  
 SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING

PROJECT NO: 2704-09-71	HWY: BRAUN ROAD	COUNTY: RACINE	TRAFFIC CONTROL - STAGE 2C	SHEET 121	E
FILE NAME : D:\Vp\Int\Intb\org\FM\Direct\ Lakes\Documents\Modison Projects\71130 1-94 Local Roads\4-Engineer\ing\4.3-Br\04\1.3.5-East\110106\06\W063106\287206\3:23:26 PM PROJECT NAME : PLDT SCALE : 80% WISDOT/CADD SHEET 42					



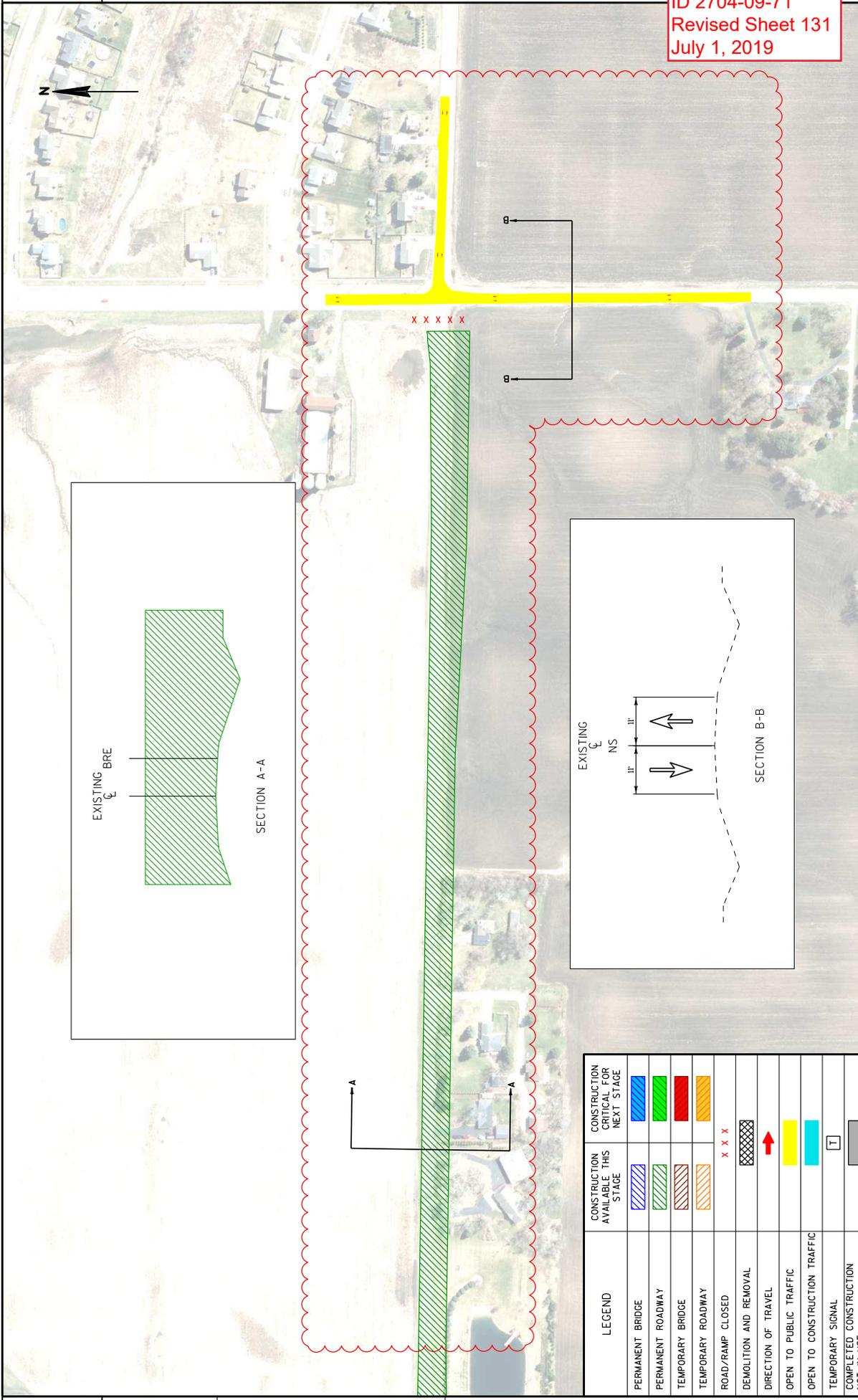


Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 130  
 July 1, 2019



LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED		
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		

Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 131  
 July 1, 2019



2

2

EXISTING BRE  
 C

SECTION A-A

EXISTING  
 C  
 NS

SECTION B-B

LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED		
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		

PROJECT NO: 2704-09-71

HWY: BRAUN ROAD

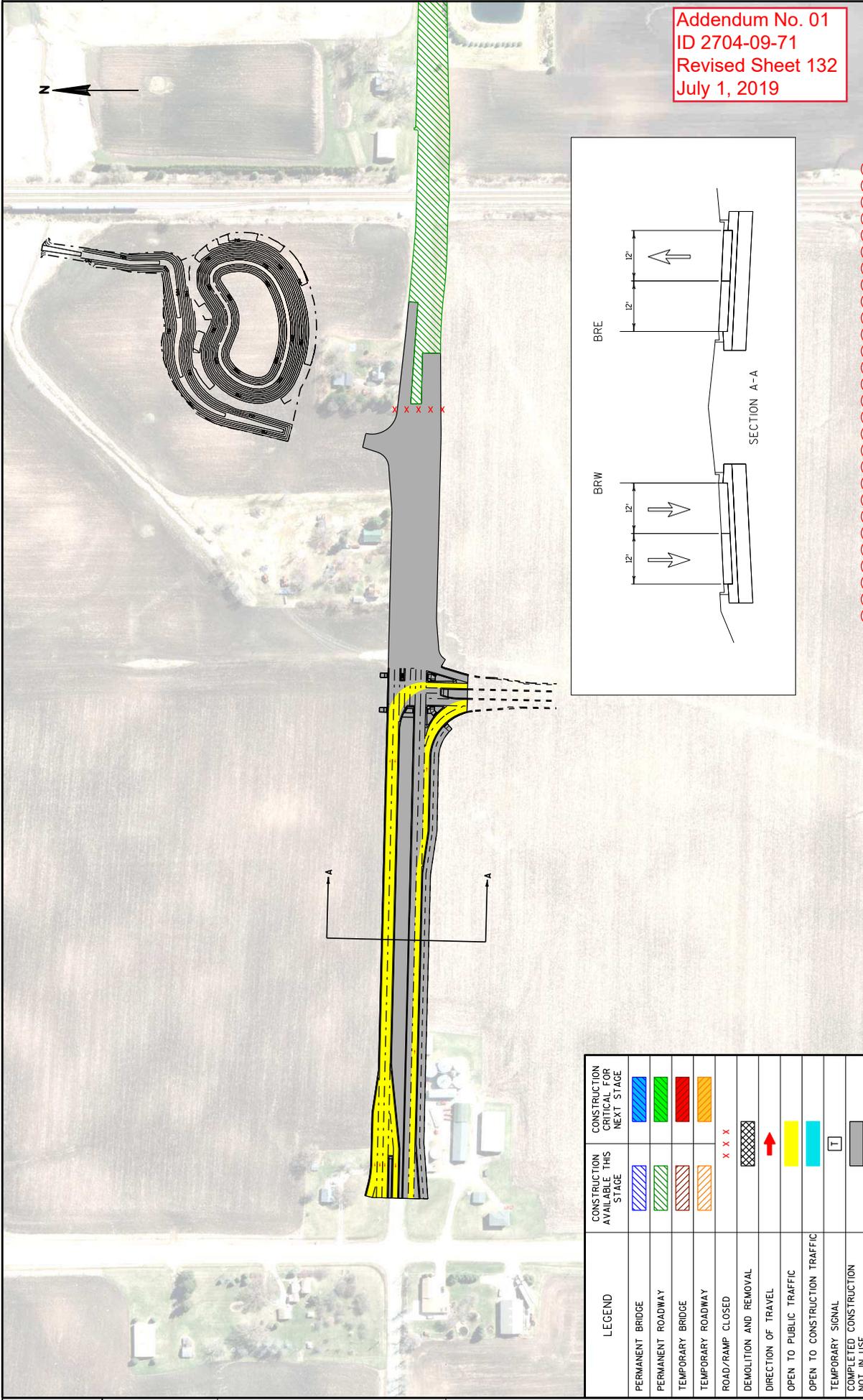
COUNTY: RACINE

STAGE 1

SHEET 131

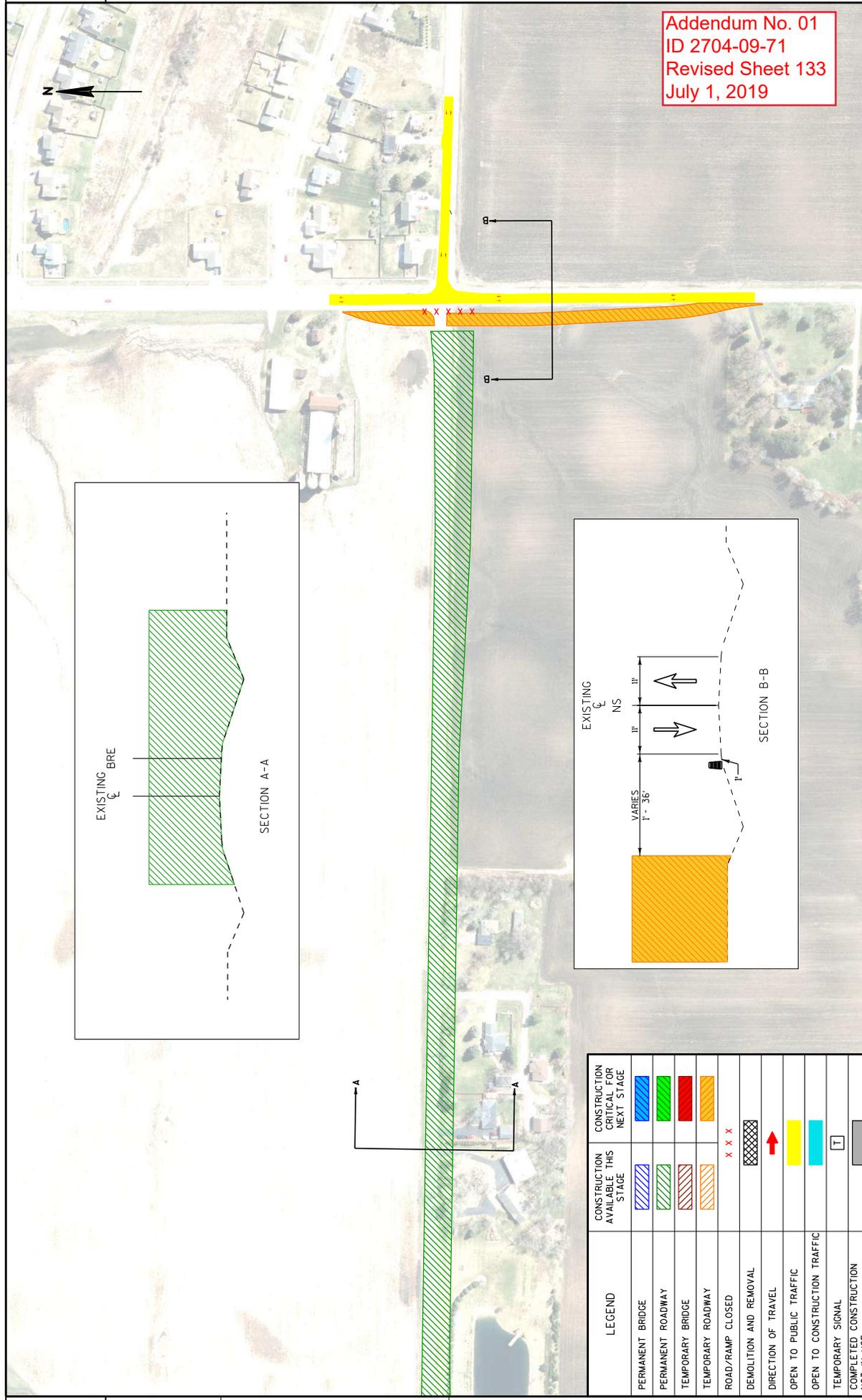
E

FILE NAME : dw:\xpw-int-jrntb-org\FW\gear\_Lakes\Documents\Modison Projects\71190 I-94 Local\_Roads\VL\Engineer\eng\4.3\_Braun\4.3.5\_East\PH08-045\Fis\62662428-6418.dwg PLOT BY : jdep.les PLOT NAME : PLOT SCALE : 200:1 WISDOT/CADD SHEET 42

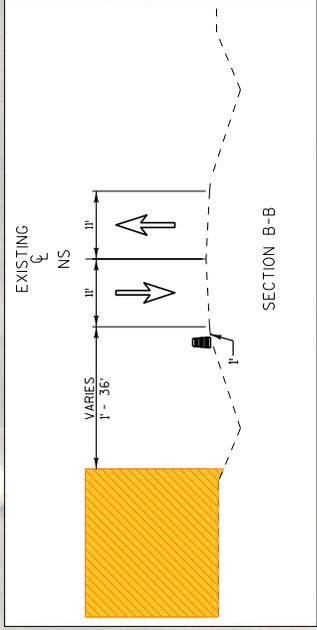
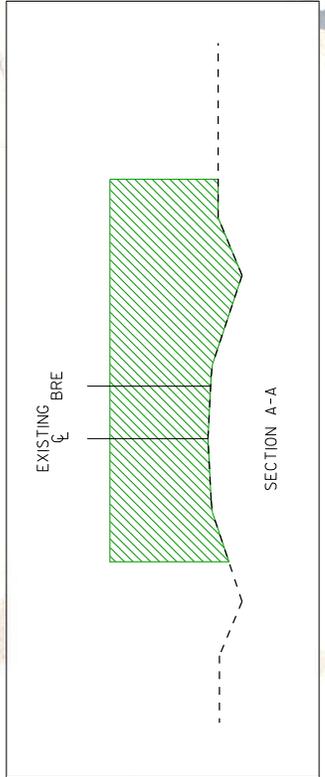


Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 132  
 July 1, 2019

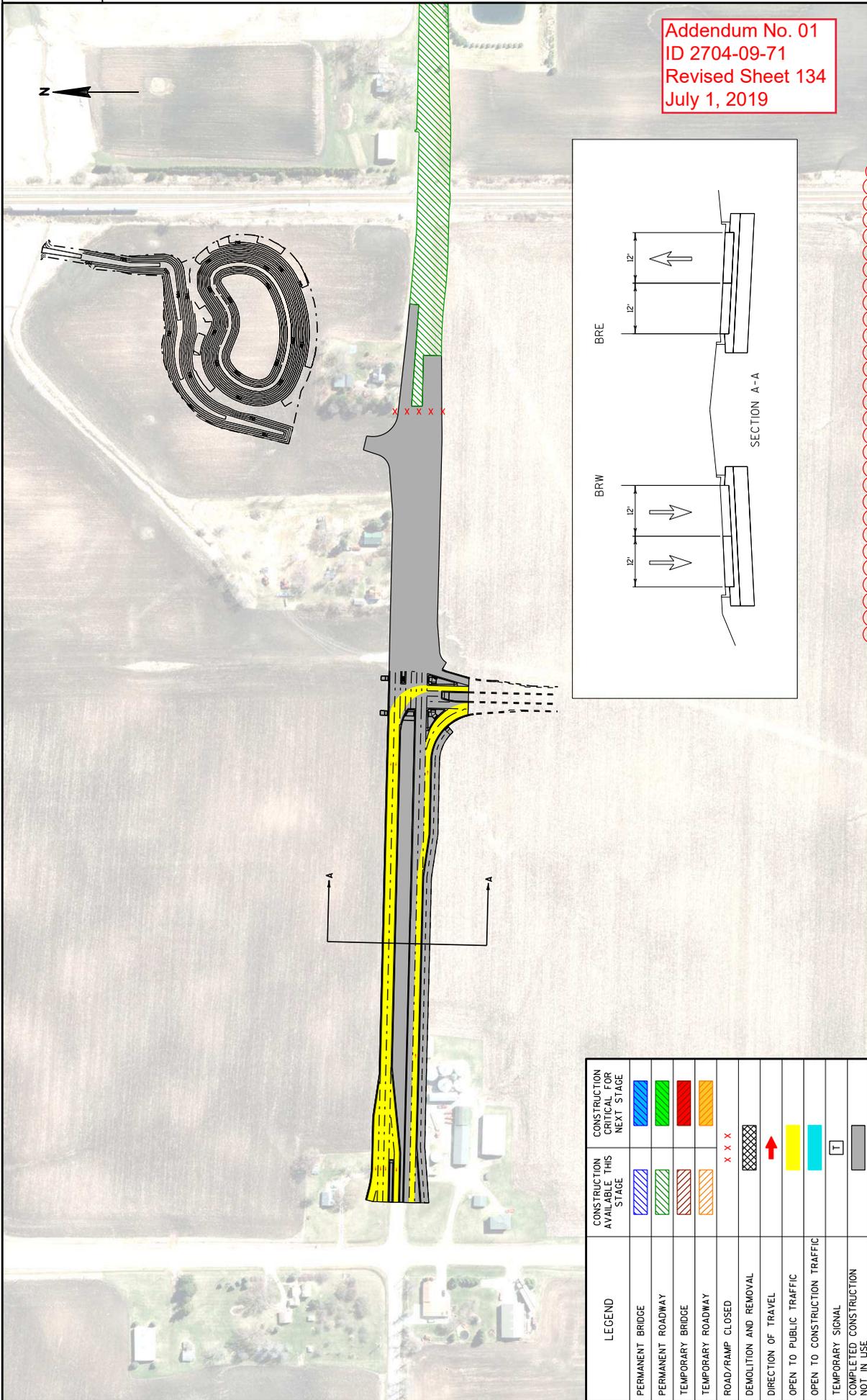
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED		
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 133  
 July 1, 2019



LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED		
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 134  
 July 1, 2019

LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED		
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		

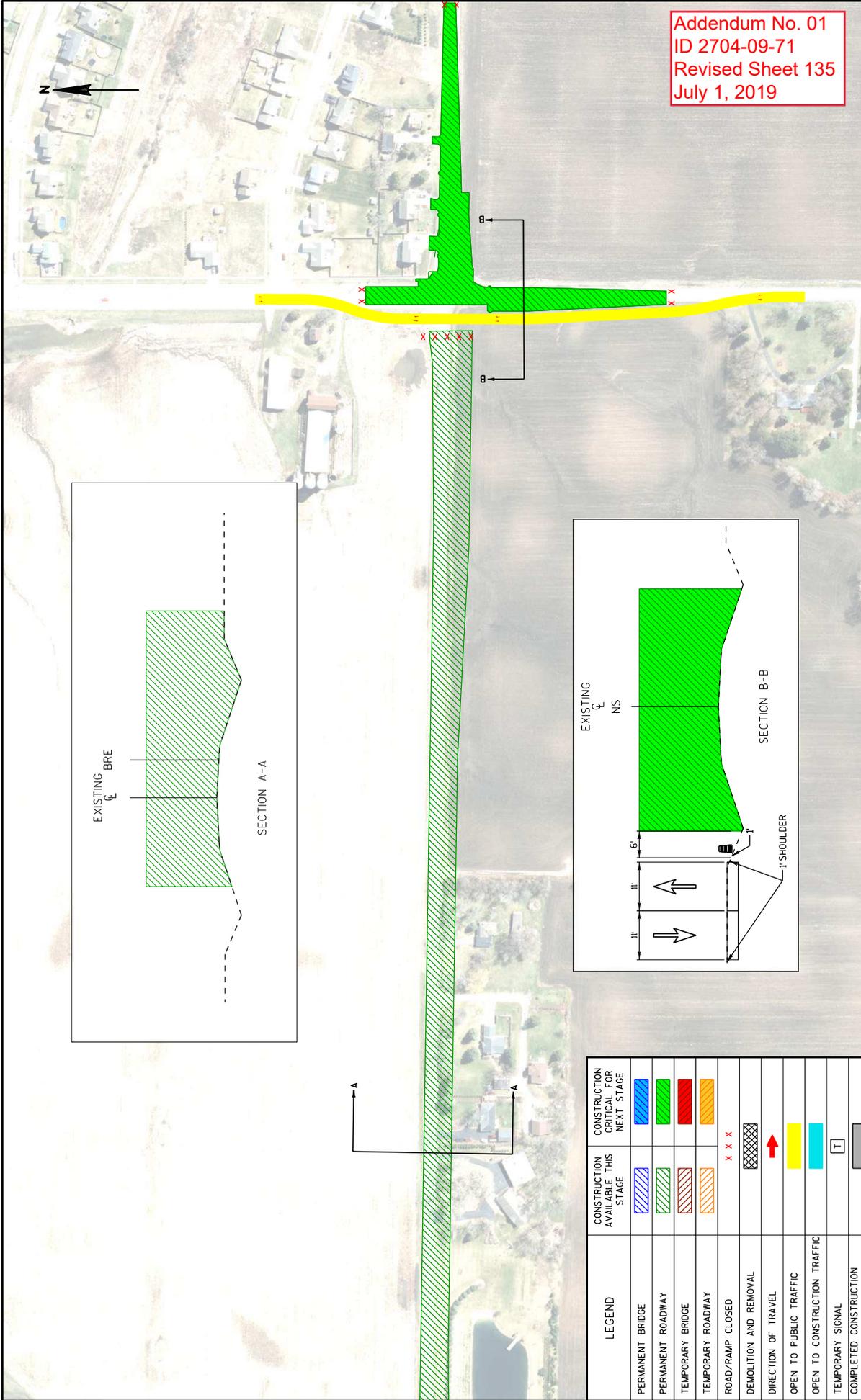
PROJECT NO: 2704-09-71

HWY: BRAUN ROAD

COUNTY: RACINE

STAGE 2B

SHEET 134



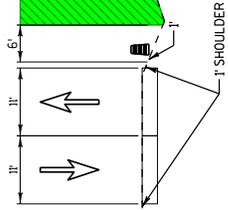
Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 135  
 July 1, 2019

EXISTING  
 C BRE

SECTION A-A

EXISTING  
 C NS

SECTION B-B



LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED		
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		

PROJECT NO: 2704-09-71

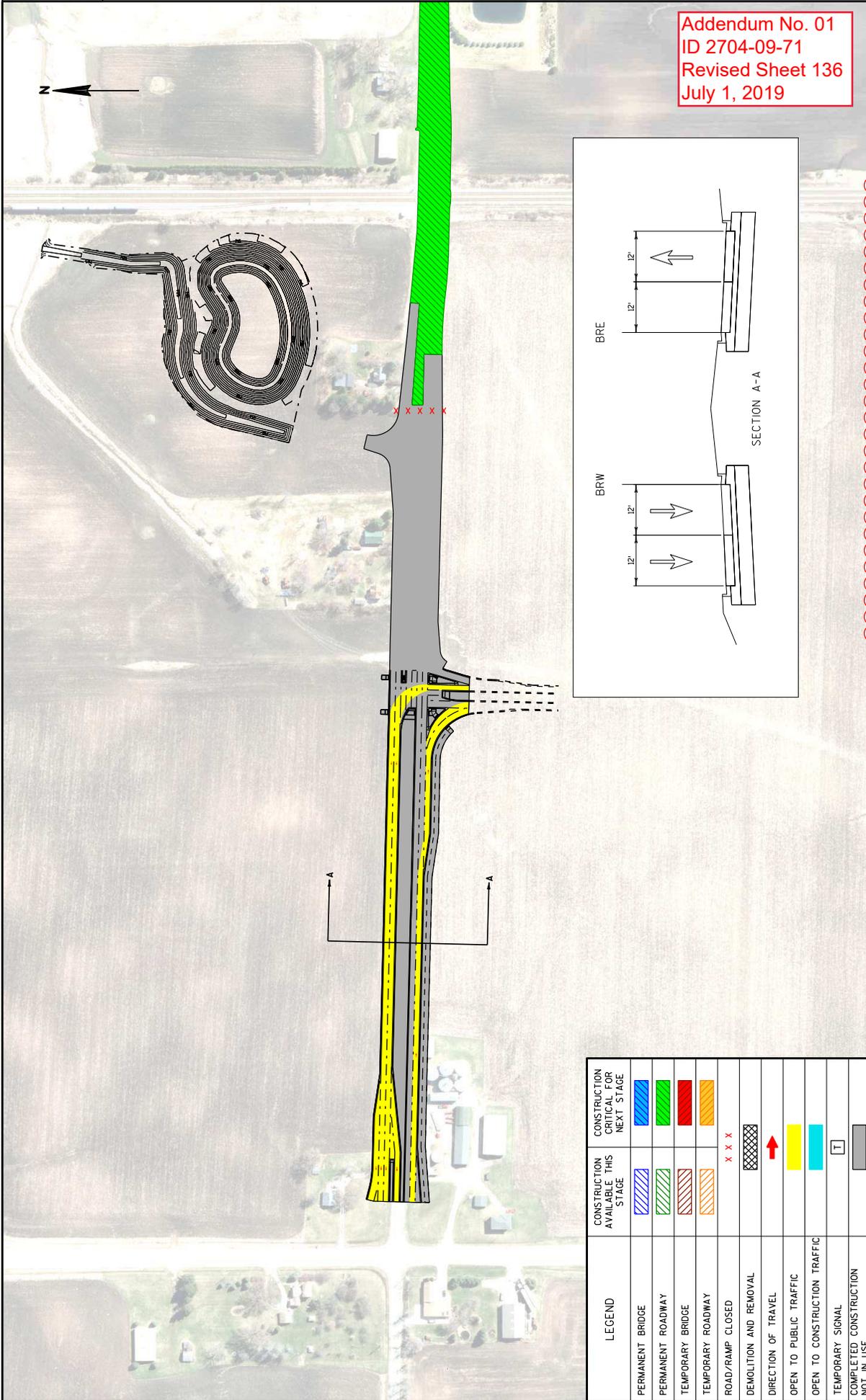
HWY: BRAUN ROAD

COUNTY: RACINE

STAGE 2B

SHEET 135

E



Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 136  
 July 1, 2019

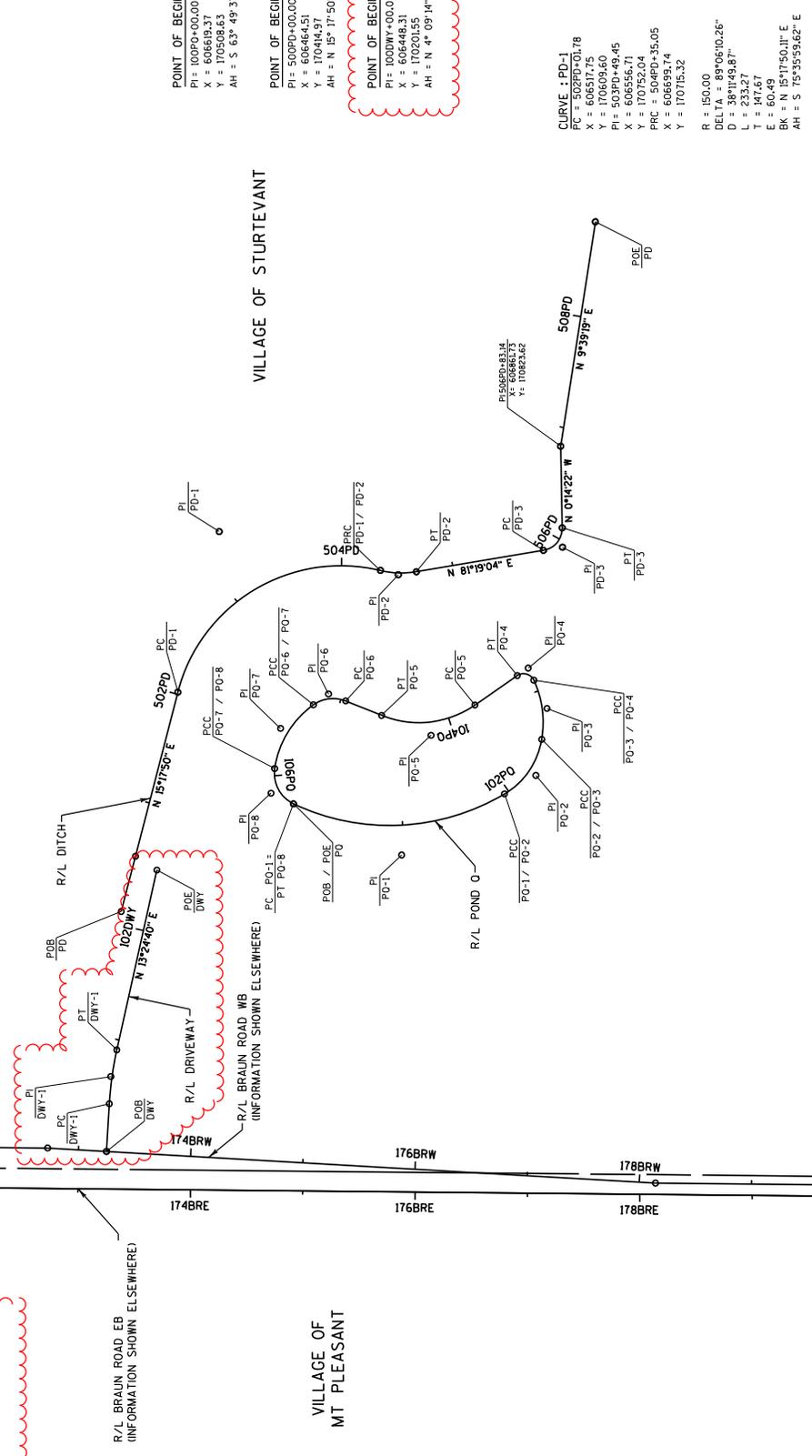
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED		
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		





Addendum No. 01  
ID 2704-09-71  
Revised Sheet 144  
July 1, 2019

<b>CURVE - DWY-1</b> FC = 1006453.9 X = 606453.9 Y = 170243.94 PI = 1006453.9 X = 606453.9 Y = 170243.94 PCC = 1006453.9 X = 606453.9 Y = 170243.94 R = 300.00 DELTA = 9°15'25.95" D = 19°05'54.94" L = 48.47 T = 24.29 E = 0.98 BK = N 4°09'14.34" E AH = N 15°24'40.0" E	<b>CURVE - PO-1</b> FC = 1006907.00 X = 606907.0 Y = 170594.66 PI = 1006907.0 X = 606907.0 Y = 170594.66 PCC = 1006907.0 X = 606907.0 Y = 170594.66 R = 200.00 DELTA = 56°01'55.06" D = 28°38'52.40" L = 106.40 T = 54.40 E = 26.54 BK = S 63°49'37.09" E AH = N 60°08'47.84" E	<b>CURVE - PO-2</b> FC = 1007035.57 X = 606807.14 Y = 170562.74 PI = 1007035.57 X = 606807.14 Y = 170562.74 PCC = 1007035.57 X = 606807.14 Y = 170562.74 R = 70.00 DELTA = 49°45'01.91" D = 81°51'04.01" L = 60.78 T = 32.46 E = 7.16 BK = N 60°08'47.84" E AH = N 10°23'45.93" E	<b>CURVE - PO-3</b> FC = 1007035.35 X = 606841.15 Y = 170562.74 PI = 1007035.35 X = 606841.15 Y = 170562.74 PCC = 1007035.35 X = 606841.15 Y = 170562.74 R = 90.00 DELTA = 34°25'15.32" D = 63°39'43.12" L = 54.07 T = 27.88 E = 4.22 BK = N 10°23'45.93" E AH = N 24°01'29.39" W	<b>CURVE - PO-4</b> FC = 1007035.42 X = 606834.83 Y = 170562.74 PI = 1007035.42 X = 606834.83 Y = 170562.74 PCC = 1007035.42 X = 606834.83 Y = 170562.74 R = 10.00 DELTA = 99°52'54.69" D = 57°25'17.98" W L = 17.43 T = 11.89 E = 5.24 BK = N 24°01'29.39" W AH = S 58°05'35.92" W	<b>CURVE - PO-5</b> FC = 1007035.68 X = 606782.08 Y = 170594.29 PI = 1007035.68 X = 606782.08 Y = 170594.29 PCC = 1007035.68 X = 606782.08 Y = 170594.29 R = 88.00 DELTA = 56°44'02.55" D = 65°06'31.83" L = 87.14 T = 47.52 E = 12.01 BK = S 56°05'35.92" W AH = N 61°02'15.57" W	<b>CURVE - PO-6</b> FC = 1007035.29 X = 606747.08 Y = 170594.29 PI = 1007035.29 X = 606747.08 Y = 170594.29 PCC = 1007035.29 X = 606747.08 Y = 170594.29 R = 30.00 DELTA = 57°43'30.24" D = 19°05'09.35" L = 30.22 T = 16.54 E = 4.26 BK = N 67°10'21.53" W AH = S 55°06'08.24" W	<b>CURVE - PO-7</b> FC = 1007035.52 X = 606638.27 Y = 170596.55 PI = 1007035.52 X = 606638.27 Y = 170596.55 PCC = 1007035.52 X = 606638.27 Y = 170596.55 R = 85.00 DELTA = 45°58'41.69" D = 67°24'24.48" L = 68.21 T = 36.06 E = 7.33 BK = S 55°06'08.24" W AH = S 9°07'26.55" W	<b>CURVE - PO-8</b> FC = 1007035.73 X = 606602.98 Y = 170540.31 PI = 1007035.73 X = 606602.98 Y = 170540.31 PCC = 1007035.73 X = 606602.98 Y = 170540.31 R = 30.00 DELTA = 72°57'03.64" D = 19°05'09.35" L = 30.22 T = 16.54 E = 4.26 BK = S 9°07'26.55" W AH = S 63°49'37.09" E
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<b>CURVE - PD-1</b> FC = 502PD-01.78 X = 606517.75 Y = 170715.32 PI = 504PD+49.45 X = 606517.75 Y = 170715.32 PCC = 504PD+49.45 X = 606517.75 Y = 170715.32 R = 150.00 DELTA = 89°06'10.26" D = 28°11'49.87" L = 165.77 T = 85.34 E = 60.49 BK = N 15°17'50.11" E AH = S 75°35'59.62" E	<b>CURVE - PD-2</b> FC = 504PD-35.05 X = 606699.74 Y = 170715.32 PI = 504PD+49.45 X = 606699.74 Y = 170715.32 PCC = 504PD+49.45 X = 606699.74 Y = 170715.32 R = 80.00 DELTA = 23°04'55.98" D = 77°37'11.01" L = 105.23 T = 56.53 E = 34.21 BK = S 75°35'59.62" E AH = N 81°19'04.40" E	<b>CURVE - PD-3</b> FC = 505PD-81.94 X = 606845.05 Y = 170715.32 PI = 504PD+49.45 X = 606845.05 Y = 170715.32 PCC = 504PD+49.45 X = 606845.05 Y = 170715.32 R = 20.00 DELTA = 81°33'26.10" D = 28°11'49.87" L = 165.77 T = 85.34 E = 60.49 BK = N 15°17'50.11" E AH = S 75°35'59.62" E
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**REMOVING SMALL PIPE CULVERT**  
 203.0100  
 REMOVING  
 SMALL PIPE  
 CULVERT

STAGE	BEGIN	END	OFFSET	EACH	NOTES
<b>STAGE 1</b>					
BRAUN ROAD	168BRE+62	- 168BRE+82	LT	1	
	170BRE+85	- 171BRE+06	LT	1	
	174BRE+42	- 174BRW+60	LT	1	
<b>STAGE 1 SUBTOTAL</b>				<b>3</b>	

<b>STAGE 2A</b>					
	187BRE+25	- 187BRE+50	RT	1	
	188BRE+67	- 188BRE+88	RT	1	
	188BRE+14	- 188BRE+35	RT	1	
	192BRE+14	- 192BRE+55	RT	1	
	193BRE+50	- 193BRE+71	RT	1	
	194BRE+50	- 194BRE+70	RT	1	
	195BRE+00	- 195BRE+35	RT	1	
<b>STAGE 2A SUBTOTAL</b>				<b>7</b>	
<b>STAGE 2B</b>					
BRAUN ROAD	207BRE+97	- 208BRE+40	RT	1	
	209BRE+15	- 208BRE+51	LT	1	
	210BRE+08	- 210BRE+33	LT	1	
<b>STAGE 2B SUBTOTAL</b>				<b>3</b>	
<b>STAGE 2C</b>					
BRAUN ROAD	207BRE+39	- 297BRE+97	RT	1	TEMPORARY PIPE
	207BRE+85		RTL/T	1	TEMPORARY PIPE
<b>STAGE 2C SUBTOTAL</b>				<b>2</b>	

PROJECT 2704-09-71 TOTAL 15

**Addendum No. 01**  
**ID 2704-09-71**  
**Revised Sheet 154**  
**July 1, 2019**

**CLEARING AND GRUBBING**

STAGE	BEGIN	END	OFFSET	STA	CLEARING	GRUBBING	STA
<b>STAGE 1</b>							
BRAUN ROAD	168BRW+00	- 172BRW+00	LT	4	4	4	4
	174BRW+00	- 177BRW+00	LT	3	3	3	3
<b>STAGE 1 SUBTOTAL</b>				<b>7</b>			<b>7</b>
<b>STAGE 2A</b>							
BRAUN ROAD	179BRW+00	- 183BRW+00	LT	4	4	4	4
	181BRE+00	- 186BRE+00	RT	5	5	5	5
	188BRE+00	- 193BRE+00	RT	5	5	5	5
	194BRE+00	- 196BRE+00	RT	2	2	2	2
<b>STAGE 2A SUBTOTAL</b>				<b>16</b>			<b>16</b>
<b>PROJECT 2704-09-71 TOTAL</b>				<b>23</b>			<b>23</b>

**REMOVING ASPHALTIC SURFACE**

204.0115  
REMOVING  
ASPHALTIC SURFACE  
BUTT JOINT SY

STAGE	STATION	OFFSET	SY
<b>STAGE 2B</b>			
BRAUN ROAD	214BRE+50 - 214BRE-75	RT/LT	56
90TH STREET	998NS+50 - 998NS+75	LT	67
	1005NS+50 - 1005NS+75	RT/LT	104
<b>STAGE 2B SUBTOTAL</b>			<b>227</b>
<b>STAGE 2C</b>			
90TH STREET	1005NS+50 - 1005NS+75	LT	38
<b>STAGE 2C SUBTOTAL</b>			<b>38</b>
<b>PROJECT 2704-09-71 TOTAL</b>			<b>265</b>

**REMOVING CURB AND GUTTER**

204.0150  
REMOVING  
CURB &  
GUTTER

STAGE	STATION	OFFSET	LF
<b>STAGE 1</b>			
BRAUN ROAD	156BRE+29 - 156BRE-36	LT	38
<b>STAGE 1 SUBTOTAL</b>			<b>38</b>
<b>STAGE 2A</b>			
90TH STREET	1004NS+01 - 1006NS+04	LT	219
<b>STAGE 2A SUBTOTAL</b>			<b>219</b>
<b>STAGE 2B</b>			
90TH STREET	1003NS+99 - 1005NS+50	RT	166
<b>STAGE 2B SUBTOTAL</b>			<b>166</b>
<b>PROJECT 2704-09-71 TOTAL</b>			<b>423</b>

**REMOVING ASPHALTIC SURFACE**

204.0170  
REMOVING  
FENCE

STAGE	STATION	OFFSET	LF
<b>STAGE 2A</b>			
BRAUN ROAD	190BRE+13 - 190BRE+23	RT	21
	192BRE+02 - 192BRE+13	RT	21
<b>STAGE 2A SUBTOTAL</b>			<b>42</b>
<b>PROJECT 2704-09-71 TOTAL</b>			<b>42</b>

**REMOVING UTILITY POLES**

204.0205  
REMOVING  
UTILITY POLES

STAGE	STATION	OFFSET	EACH
<b>STAGE 2A</b>			
BRAUN ROAD	179BRE+25	20.61' RT	1
<b>STAGE 2A SUBTOTAL</b>			<b>1</b>
<b>PROJECT 2704-09-71 TOTAL</b>			<b>1</b>

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Category	Division	From/To Station	Location	Excavation Common (CY) 205.0100		Roadway Embankment (CY) (3)	Mass Ordinate +/- (4) (7)	Comment:
				Cut (CY) (2)	Topsail Removal (CY) (5)			
1000	1	156BRE+29 - 176BRE+50	BRAUN ROAD	13,807	0	8,644	5,164	
1000	1		POND Q/OUTFALL DITCH	20,816	0	82	20,734	
		Project 2704-09-71 - Division 1 Subtotal		34,623	0	8,726	25,898	
		Project 2704-09-71 - Division 1 Total		34,623	0	8,726	25,898	
1000	1	175BRE+50 - 208BRE+00	BRAUN ROAD	38,096	0	5,275	32,821	
1000	1	986NS+58 - 1006NS+04	TEMP. 90TH STREET	1,504	0	69	1,435	
		Project 2704-09-71 - Division 2A Subtotal		39,600	0	5,344	34,256	
		Project 2704-09-71 - Division 2A Total		39,600	0	5,344	34,256	
1000	2	208BRE+00 - 210BRE+11	BRAUN ROAD	3,632	0	528	3,104	
1000	2	988NS+75 - 1005NS+50	90TH STREET	3,145	0	39	3,106	
		Project 2704-09-71 - Division 2B Subtotal		6,777	0	566	6,210	
		Project 2704-09-71 - Division 2B Total		6,777	0	566	6,210	
1000	2A	1003NS+00 - 1005NS+50	90TH STREET	221	0	0	221	
		Project 2704-09-71 - Division 2C Subtotal		221	0	0	221	
		Project 2704-09-71 - Division 2C Total		221	0	0	221	
1000	1, 2, & 3	WEST OF RAIL ROAD	BRAUN ROAD	0	11,078	0	11,078	
1000	1, 2, & 3	EAST OF RAIL ROAD	BRAUN ROAD	0	5,147	0	5,147	
1000	1, 2, & 3		90TH STREET	0	1,809	0	1,809	
		Project 2704-09-71 - Division 1, 2A, 2B, & 2C Subtotal		0	18,034	18,034	0	
		Project 2704-09-71 - Division 1, 2A, 2B, & 2C Total		0	18,034	18,034	0	
		<b>Project 2704-09-71 Totals</b>		<b>99,255</b>		<b>32,670</b>	<b>66,585</b>	

- Excavation Common = Cut + (Topsail Removal + Excavation Below Subgrade), Item number 205.0100. See Topsail Removal Detail.
- Cut volume includes existing concrete and asphaltic surface material.
- Roadway Embankment = (Fill + Topsail Removal Replaced + Excavation Below Subgrade Replaced). Refer to Topsail Removal Detail.
- Mass Ordinate = Cut - Fill. The Mass Ordinate is for information purposes only as Common Excavation and Roadway Embankment are not balanced for quantity purposes
- Topsail quantity below subgrade in cut sections and topsail removal quantity in fill areas. Excess topsail material assumed to be wasted offsite.
- Fill quantity shown for reference.
- The Mass Ordinate is calculated by division. A positive quantity indicates an excess of material within the Division and a negative quantity indicates a shortage of material within the Division.

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SUBSTRUCTURE											
ROADWAY	FROM STATION	TO STATION	IO	OFFSET	TON	TON	TON	TON	TON	TON	MGAL
					3/4-INCH DENSE	1 1/4-INCH DENSE	BREAKER RUN	DUST CONTROL SURFACE TREATMENT			
<b>STAGE 1</b>											
BRAUN ROAD	156BRE+29	-	169BRE+35	RT/LT	--	5,287	11,508	13,024			336
	169BRE+35	-	172BRE+73	LT	--	895	1,772	1,994			54
	169BRE+35	-	175BRE+36	RT	--	1,480	2,368	2,664			77
	172BRE+73	-	176BRE+51	LT	--	948	1,516	1,708			49
<b>STAGE 1 SUBTOTAL</b>					--	8,600	17,164	19,388			516
<b>STAGE 2A</b>											
BRAUN ROAD	175BRE+36	-	207BRE+38	RT/LT	551	9,876	17,276	17,525			551
TEMPORARY 90TH STREET	998NS+69	-	1003NS+71	LT	113	1,686	1,779	2,580			72
	1004NS+00	-	1006NS+10	LT	18	398	455	606			17
<b>STAGE 2A SUBTOTAL</b>					682	11,962	19,510	20,711			643
<b>STAGE 2B</b>											
BRAUN ROAD	208BRE+39	-	210BRE+11	RT/LT	55	2,002	3,329	3,698			108
90TH STREET	998NS+75	-	1005NS+50	RT/LT	73	1,952	3,364	3,496			108
<b>STAGE 2B SUBTOTAL</b>					128	3,954	6,713	7,194			216
<b>STAGE 2C</b>											
90TH STREET	1002NS+79	-	1005NS+50	RT/LT	--	583	902	1,073			29
<b>STAGE 2C SUBTOTAL</b>					--	583	902	1,073			29
<b>SUBTOTAL</b>					810	25,099	44,289	48,366			1,404
<b>UNDISTRIBUTED</b>					50	1,261	2,221	2,424			76
<b>PROJECT 2704-09-71 TOTALS</b>					860	26,360	46,510	50,790			1,480

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE



ASPHALT ITEMS

ROADWAY	STATION	OFFSET	HMA COLD WEATHER PAVING		TACK COAT		HMA PAVEMENT 3 MT 58-28 S		HMA PAVEMENT 4MT 58-28 S		ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES		ASPHALTIC SURFACE TEMPORARY		COLD PATCH	
			TON	GAL	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	
STAGE 1																
BRAUN ROAD	168BRE+35 - 175BRE+37	RT	--	151	412	288	--	--	--	--	--	--	--	--	--	--
	172BRE+73 - 176BRE+51	LT	--	91	250	173	--	--	--	--	--	--	--	--	--	--
STAGE 1 SUBTOTAL			--	242	662	459	--	--	--	--	--	--	--	--	--	--
STAGE 2A																
BRAUN ROAD	178BRE+98 - 178BRE+77	RT/LT	--	62	169	117	--	--	--	--	--	--	--	--	--	--
	176BRE+98 - 207BRE+38	RT/LT	--	866	2,373	1,643	--	--	--	--	--	--	--	--	--	--
TEMPORARY 90TH STREET	996NS+59 - 1003NS+72	LT	--	--	--	--	--	--	--	--	505	--	--	--	--	--
	1003NS+99 - 1006NS+05	LT	--	--	--	--	--	--	--	--	156	--	--	--	--	--
STAGE 2A SUBTOTAL			--	941	2,542	1,760	--	--	--	--	661	--	--	--	--	--
STAGE 2B																
BRAUN ROAD	208BRE+33 - 214BRE+75	RT/LT	--	198	542	375	--	--	--	--	--	--	--	--	--	--
	209BRE+18 - 209BRE+49	LT	--	--	--	--	--	--	--	10	--	--	--	--	--	--
	210BRE+10 - 210BRE+35	LT	--	--	--	--	--	--	--	7	--	--	--	--	--	--
90TH STREET	211BRE+57 - 211BRE+74	LT	--	--	--	--	--	--	--	5	--	--	--	--	--	--
	998NS+75 - 1005NS+50	RT/LT	--	197	539	373	--	--	--	--	--	--	--	--	--	--
STAGE 2B SUBTOTAL			--	395	1,081	748	--	--	22	--	--	--	--	--	--	--
STAGE 2C																
90TH STREET	1002NS+79 - 1005NS+50	LT	--	70	190	132	--	--	--	--	--	--	--	--	--	--
STAGE 2C SUBTOTAL			--	73	190	132	--	--	--	--	--	--	--	--	--	--
UNDISTRIBUTED			1,900	--	--	--	--	--	--	--	--	--	--	--	300	300
PROJECT 2704-09-71 TOTAL			1,900	1,651	4,475	3,099	661	22	22	661	661	300	300			

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STORM SEWER PIPE

EACH	520.8000		522.0424		522.0436		522.2424		521.3115		608.0312		608.0315		608.0318									
	CONCRETE COLLARS FOR PIPE	REINFORCED CONCRETE CLASS IV	REINFORCED CONCRETE CLASS IV	CULVERT PIPE	CULVERT PIPE	REINFORCED CONCRETE CLASS IV	REINFORCED CONCRETE CLASS IV	CULVERT PIPE	CULVERT PIPE	CORRUGATED STEEL	REINFORCED CONCRETE CLASS III													
	24-INCH	36-INCH	24X38-INCH	15-INCH	15-INCH	12-INCH	12-INCH	15-INCH	15-INCH	15-INCH	15-INCH	15-INCH	15-INCH	15-INCH	15-INCH	18-INCH								
	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF								
166A	166	714.16	714.07	0.33%	--	--	--	--	--	--	--	--	27	--	--	--								
167L	167M	713.00	712.73	0.47%	--	--	--	--	--	--	--	--	58	--	--	--								
168E	167N	712.73	712.48	0.46%	--	--	--	--	--	--	--	--	54	--	--	--								
167J	167G	712.59	712.47	0.34%	--	--	--	--	--	--	--	--	35	--	--	--								
167G	167F	712.47	712.36	0.34%	--	--	--	--	--	--	--	--	32	--	--	--								
167F	167D	712.36	712.25	0.33%	--	--	--	--	--	--	--	--	33	--	--	--								
167D	167A	712.25	712.16	0.33%	--	--	--	--	--	--	--	--	27	--	--	--								
167E	167F	713.78	713.70	0.42%	--	--	--	--	--	--	--	--	19	--	--	--								
167C	167D	714.51	714.43	0.42%	--	--	--	--	--	--	--	--	19	--	--	--								
168E	168D	712.48	712.28	0.43%	--	--	--	--	--	--	--	--	46	--	--	--								
168D	168C	712.28	712.25	0.37%	--	--	--	--	--	--	--	--	8	--	--	--								
168C	168B	712.25	712.15	0.43%	--	--	--	--	--	--	--	--	23	--	--	--								
168B	168A	712.15	712.12	0.30%	--	--	--	--	--	--	--	--	10	--	--	--								
168A	168	712.12	712.00	0.44%	--	--	--	--	--	--	--	--	27	--	--	--								
176	174	708.55	706.49	0.55%	--	--	--	--	--	--	--	--	--	--	--	--								
172	172A	706.05	706.65	0.46%	--	--	--	--	--	--	--	--	--	--	--	--								
170	172	709.72	708.95	0.52%	--	--	--	--	--	--	--	--	--	--	--	--								
EW1	EW2	712.85	711.59	0.77%	--	--	--	163	--	--	--	--	--	--	--	--								
EW3	172H	709.91	708.96	0.52%	--	--	--	--	--	--	--	--	--	--	--	--								
170E	170D	713.87	713.75	0.46%	--	--	--	--	--	--	--	--	26	--	--	--								
170D	170C	713.75	713.71	0.40%	--	--	--	--	--	--	--	--	10	--	--	--								
170C	170B	713.71	713.65	0.43%	--	--	--	--	--	--	--	--	14	--	--	--								
170B	170A	713.65	713.61	0.40%	--	--	--	--	--	--	--	--	10	--	--	--								
170A	170	713.61	713.50	0.41%	--	--	--	--	--	--	--	--	27	--	--	--								
172C	172B	712.67	712.45	0.47%	--	--	--	--	--	--	--	--	47	--	--	--								
172B	172A	712.45	712.41	0.33%	--	--	--	--	--	--	--	--	12	--	--	--								
172A	174	705.65	705.50	0.37%	--	--	--	--	--	--	--	--	--	--	--	--								
176C	176B	708.80	708.72	0.38%	--	--	--	--	--	--	--	--	--	--	--	--								
176B	176A	708.72	708.63	0.43%	--	--	--	--	--	--	--	--	--	--	--	--								
176A	176	708.63	708.55	0.38%	--	--	--	--	--	--	--	--	--	--	--	--								
172H	EW26	708.96	708.19	0.38%	--	--	--	--	--	--	--	--	--	--	--	--								
174	172F	705.50	704.92	0.30%	--	--	--	--	--	--	--	--	--	--	--	--								
172F	EW11	704.92	704.53	0.30%	--	--	--	--	--	--	--	--	--	--	--	--								
172G	EW16	704.40	704.30	0.27%	--	--	--	--	--	--	--	--	--	--	--	--								
EW4	172H	710.65	710.54	0.69%	--	--	--	--	--	--	--	--	--	--	--	--								
EW15	172G	704.49	704.40	0.32%	--	--	--	--	--	--	--	--	--	--	--	--								
STAGE 1 SUBTOTALS																1	--	163	--	--	--	1135	--	--

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STORM SEWER PIPE

FROM STR	TO STR	INLET ELEV	DSCH ELEV	SLOPE	24-INCH		36-INCH		12-INCH		15-INCH		24-INCH		36-INCH		19X30-INCH		EACH
					CONCRETE CLASS II	REINFORCED CONCRETE CLASS IV	CONCRETE CLASS II	REINFORCED CONCRETE CLASS IV	CONCRETE CLASS II	REINFORCED CONCRETE CLASS IV	CONCRETE CLASS II	REINFORCED CONCRETE CLASS IV	CONCRETE CLASS II	REINFORCED CONCRETE CLASS IV	CONCRETE CLASS II	REINFORCED CONCRETE CLASS IV	CONCRETE CLASS II	REINFORCED CONCRETE CLASS IV	
166A	166	714.16	714.07	0.33%															
167L	167M	713.00	712.73	0.47%															
167M	168E	712.73	712.48	0.46%															
167J	167G	712.59	712.47	0.34%															
167G	167F	712.47	712.36	0.34%															
167F	167D	712.36	712.25	0.33%															
167D	167A	712.25	712.16	0.33%															
167E	167F	713.78	713.70	0.42%															
167C	167D	714.51	714.43	0.42%															
168E	168D	712.48	712.28	0.43%															
168D	168C	712.28	712.25	0.37%															
168C	168B	712.25	712.15	0.43%															
168B	168A	712.15	712.12	0.30%															
168A	168	712.12	712.00	0.44%															
176	174	708.55	706.49	0.35%															
172	172A	706.05	705.65	0.48%										84					
170	172	709.72	708.95	0.52%															
EW1	EW2	712.85	711.59	0.77%															2
EW3	172H	709.91	708.96	0.52%															1
170E	170D	713.87	713.75	0.48%															
170D	170C	713.75	713.71	0.40%															
170C	170B	713.71	713.65	0.43%															
170B	170A	713.65	713.61	0.40%															
170A	170	713.61	713.50	0.41%															
172C	172B	712.67	712.45	0.47%															
172B	172A	712.45	712.41	0.33%															
172A	174	705.65	705.50	0.37%										41					
176C	176B	708.80	708.72	0.38%															
176B	176A	708.72	708.63	0.43%															
176A	176	708.63	706.35	0.35%															
172H	EW26	708.55	708.19	0.39%														196	1
174	172F	705.50	704.92	0.30%														192	
172F	EW11	704.92	704.53	0.30%														128	
172G	EW16	704.40	704.30	0.27%														37	
EW4	172H	710.65	710.54	0.69%									16						
EW15	172G	704.45	704.10	0.52%										28					
EW15	172G	704.45	704.10	0.52%										54				190	
EW15	172G	704.45	704.10	0.52%														516	4
STAGE 1 SUBTOTALS																			
1772																			

COUNTY: RACINE

HWY: BRAUN ROAD

PROJECT NO: 2704-09-71

MISCELLANEOUS QUANTITIES

SHEET: 165

E

Addendum No. 01  
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STORM SEWER PIPE

FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE	EACH	520.8000	522.0424	522.0436	522.2424	521.3115	608.0312	608.0315	608.0318	
						CONCRETE COLLARS FOR PIPE	REINFORCED CONCRETE CLASS IV 24-INCH	REINFORCED CONCRETE CLASS IV 36-INCH	REINFORCED CONCRETE CLASS HE-IV 24X36-INCH	CORRUGATED STEEL 15-INCH	REINFORCED CONCRETE CLASS II 12-INCH	REINFORCED CONCRETE CLASS II 15-INCH	REINFORCED CONCRETE CLASS II 18-INCH	
							LF	LF	LF	LF	LF	LF	LF	
BRAUN EAST STAGE 2A														
178	178A	710.66	710.66	0.41%	--	--	--	--	--	--	--	22	--	
178B	178B	710.60	710.56	0.40%	--	--	--	--	--	--	--	15	--	
178C	178C	710.56	710.51	0.36%	--	--	--	--	--	--	--	10	--	
178D	178D	709.76	709.68	0.36%	--	--	--	--	--	--	--	14	--	
178E	178E	709.68	708.80	0.41%	--	--	--	--	--	--	--	--	--	
180	180	709.96	709.21	1.06%	--	--	--	--	--	--	--	--	--	
180	EW7	709.21	709.03	0.47%	--	--	--	--	--	--	--	--	--	
178G	178D	710.49	710.43	0.40%	--	--	--	--	--	--	--	15	--	
EW9	187	703.99	703.66	0.55%	--	--	--	--	--	--	--	--	--	
187	EW8	703.66	703.52	0.48%	--	--	--	--	--	--	--	--	--	
199	EW10	696.72	696.54	0.49%	--	--	--	--	--	--	--	37	--	
206	EW12	695.63	695.49	0.48%	--	--	--	--	--	--	--	--	--	
EW18	208A	692.43	691.51	1.80%	--	--	--	--	--	--	--	--	--	
208A	208C	691.93	691.38	0.75%	--	--	--	--	--	--	--	--	--	
EW19	208C	693.20	691.38	5.69%	--	--	--	--	--	--	--	--	--	
STAGE 2A SUBTOTALS														
BRAUN EAST STAGE 2B														
P101	EW14	692.62	692.42	0.30%	--	66	--	--	--	--	--	--	--	
210	210A	691.93	691.86	0.35%	--	--	--	--	--	--	--	--	--	
210A	EW25	691.86	691.75	0.39%	--	--	--	--	--	--	--	--	--	
EW20	P102	692.30	692.10	1.67%	1	--	--	--	--	--	--	--	--	
EW22	EW21	692.62	692.48	0.31%	--	--	--	--	45	--	--	--	--	
EW24	EW23	692.87	692.77	0.29%	--	--	--	--	35	--	--	--	--	
1005	1004C	691.81	691.69	0.43%	--	--	--	--	--	--	--	--	--	
1005A	1005B	691.23	691.14	0.33%	--	--	--	--	--	27	--	--	--	
1004A	1005B	691.02	690.58	0.43%	--	--	--	--	--	--	--	--	102	
P100	1005B	691.18	691.14	0.33%	--	--	--	--	--	12	--	--	--	
STAGE 2B SUBTOTALS														
BRAUN EAST STAGE 2C														
1005D	1005C	691.32	691.23	0.36%	--	--	--	--	--	--	25	--	--	
1005C	P100	691.23	691.18	0.33%	1	--	--	--	--	--	15	--	--	
EW13	P101	692.66	692.62	0.29%	1	14	--	--	--	--	--	--	--	
STAGE 2C SUBTOTALS														
BRAUN EAST ROAD TOTALS														
						4	80	163	80	79	1,248	102		
MISCELLANEOUS QUANTITIES														
						COUNTY: RACINE								
												PLOT NAME: 030201_mq6		
												PLOT BY: HNTB Corp		
												PLOT DATE: 6/27/2019 9:05:33 AM		
												PLOT SCALE: 1:1		
PROJECT NO: 2704-09-71						HWY: BRAUN ROAD						SHEET: 166		
FILE NAME: IP\VI\tds\030201_mq.ppt												E		







STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RM ELEV	LOWEST INVERT	STR DEPTH	520.1012		520.1015		520.1024		520.1036		521.1012		522.2624		611.2004		611.2005													
						APRON ENDWALLS FOR CULVERT PIPE ROOF	12"	EACH	APRON ENDWALLS FOR CULVERT PIPE ROOF	15"	EACH	APRON ENDWALLS FOR CULVERT PIPE ROOF	24"	EACH	APRON ENDWALLS FOR CULVERT PIPE ROOF	36"	EACH	APRON ENDWALLS FOR CULVERT PIPE ROOF	15"	EACH	APRON ENDWALLS FOR CULVERT PIPE ROOF	24X38-INCH	EACH	MANHOLES	4-FT DIAMETER	MANHOLES	5-FT DIAMETER	EACH					
167L	167BRE+40.98	57.0 RT	717.41	713.00	3.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
167M	167BRE+96.36	74.5 RT	717.31	712.73	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
168	168BRE+18.03	61.5' LT	718.97	710.80	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1										
168A	168BRE+18.69	35.0' LT	719.47	712.12	6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
168B	168BRE+18.90	25.5' LT	719.22	712.15	5.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
168C	168BRE+36.93	10.5' LT	719.06	712.25	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
168D	168BRE+37.10	2.7' LT	718.85	712.28	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
168E	168BRE+41.02	43.3' RT	717.94	712.48	4.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
EW1	166BRE+75.00	92.0 RT	712.90	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--										
EW2	166BRE+50.00	88.4 RT	711.54	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--										
EW3	172BRE+00.00	76.0 RT	708.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
EW4	172BRE+78.15	106.7' LT	710.67	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
170	170BRE+34.15	61.5' LT	716.96	709.72	8.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1										
170A	170BRE+54.78	35.0' LT	719.98	713.61	5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
170B	170BRE+55.03	25.0' LT	719.74	713.65	4.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
170C	170BRE+55.37	11.0' LT	719.50	713.71	4.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
170D	170BRE+55.61	1.0' LT	718.85	713.75	3.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
170E	170BRE+56.25	25.0' RT	718.37	713.87	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
172	172BRE+01.91	63.9' LT	718.46	706.05	11.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1										
172A	172BRE+01.60	34.8' LT	716.51	705.65	11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1										
172B	172BRE+80.96	22.1' LT	718.24	712.45	4.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
172C	172BRE+82.12	25.0' RT	717.17	712.67	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
174	174BRE+18.23	51.8' LT	717.92	705.50	11.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
176	176BRE+34.95	43.8' LT	716.41	706.55	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1										
176A	176BRE+35.41	21.9' LT	716.79	708.63	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
176B	176BRE+35.91	1.5' LT	716.36	708.72	6.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
176C	176BRE+36.44	20.1' RT	715.99	708.80	5.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1										
EW11	174BRE+62.58	327.9' LT	704.50	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--										
EW26	173BRE+52.08	312.1' LT	718.16	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--										
172F	172BRE+01.02	236.4' LT	710.31	704.92	7.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
172H	172BRE+98.65	114.7' LT	715.55	708.96	5.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										
STAGE 1 SUBTOTALS																						--	--	1	0	0	3	--	--	2	--	--	17



STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	DEPTH	STR	LOWEST INVERT	RIM ELEV	OFFSET FT	520.1012 APRON ENDWALLS FOR CULVERT PIPE ROCP	520.1015 APRON ENDWALLS FOR CULVERT PIPE ROCP	520.1024 APRON ENDWALLS FOR CULVERT PIPE ROCP	520.1036 APRON ENDWALLS FOR CULVERT PIPE ROCP	521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL	522.2624 APRON ENDWALLS FOR CULVERT PIPE ROCP	611.2004 4-FT DIAMETER MANHOLES	611.2005 5-FT DIAMETER MANHOLES
NUMBER	STATION	DEPTH	STR	INVERT	ELEV	FT	12" EACH	15" EACH	24" EACH	36" EACH	15" EACH	24X38-INCH EACH	4-FT DIAMETER EACH	5-FT DIAMETER EACH
<b>BRAUN EAST STAGE 2A</b>														
178E	177BRE+52.48	27.8' LT		710.75	715.24		--	--	--	--	--	--	--	--
178	177BRE+74.38	25.8' LT		710.66	715.24		--	--	--	--	--	--	--	--
178A	177BRE+74.75	10.9' LT		710.60	715.50		--	--	--	--	--	--	--	--
178B	177BRE+74.99	1.0' LT		710.56	715.43		--	--	--	--	--	--	--	--
178C	177BRE+75.34	13.5' RT		709.76	715.17		--	--	--	--	--	--	--	1
178D	177BRE+49.99	14.0' RT		709.68	715.16		--	--	--	--	--	--	--	1
178G	177BRE+49.62	1.00' LT		710.49	715.43		--	--	--	--	--	--	--	--
EW6	180BRE+00.00	50.8' LT		--	710.01		--	--	1	--	--	--	--	--
180	180BRE+00.00	26.7' RT		709.21	712.52		--	--	--	--	--	--	--	--
EW7	180BRE+01.09	71.0' RT		--	709.00		--	--	1	--	--	--	--	--
187	187BRE+01.04	25.2' RT		703.66	706.95		--	--	--	--	--	--	--	--
EW8	187BRE+01.60	60.6' RT		--	703.49		--	--	1	--	--	--	--	--
EW9	187BRE+00.00	40.8' LT		--	704.02		--	--	1	--	--	--	--	--
199	198BRE+96.68	29.7' RT		696.72	701.93		--	--	--	--	--	--	--	--
EW10	198BRE+97.44	72.9' RT		--	696.51		--	1	--	--	--	--	--	--
206	202BRE+50.00	43.0' RT		698.82	695.63		--	--	--	--	--	--	--	--
EW18	207BRE+34.49	55.1' RT		--	692.50		--	--	1	--	--	--	--	--
208A	207BRE+65.93	30.0' RT		691.51	694.50		--	--	--	--	--	--	--	1
208C	1004NS+23.70	25.6' LT		696.25	691.38		--	--	--	--	--	--	--	1
EW19	1004NS+33.34	62.2' LT		--	693.40		1	--	--	--	--	--	--	--
							1	1	5	--	--	--	--	4
<b>BRAUN EAST STAGE 2B</b>														
EW12	202BRE+50.39	77.7' RT		--	695.46		--	--	--	--	--	--	--	--
EW14	1002NS+50.00	45.8' RT		--	692.40		--	--	1	--	--	--	--	--
EW15	176BRE+95.33	489.8' LT		--	704.50		--	--	1	--	--	--	--	--
EW16	176BRE+96.42	566.6' LT		--	704.28		--	--	1	--	--	--	--	--
1005	1004NS+50.04	26.5' RT		691.81	695.49		--	--	--	--	--	--	--	--
1005A	1005NS+25.11	27.0' RT		691.23	695.60		--	--	--	--	--	--	--	--
EW20	208BRE+82.96	37.2' LT		--	692.40		1	--	--	--	--	--	--	--
EW21	209BRE+07.87	35.0' LT		--	692.48		--	--	--	--	1	--	--	--
EW22	209BRE+57.49	32.0' LT		--	692.63		--	--	--	--	1	--	--	--
EW23	210BRE+02.82	31.1' LT		--	692.76		--	--	--	--	1	--	--	--



STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RM ELEV	LOWEST INVERT	STR DEPTH	12" APRON ENDWALLS FOR CULVERT PIPE ROCP	15" APRON ENDWALLS FOR CULVERT PIPE ROCP	24" APRON ENDWALLS FOR CULVERT PIPE ROCP	36" APRON ENDWALLS FOR CULVERT PIPE ROCP	521.1012 15" APRON ENDWALLS FOR CULVERT PIPE STEEL	522.2624 24X38-INCH 4-FT DIAMETER	611.2004 4-FT DIAMETER	611.2005 5-FT DIAMETER
EW24	210BRE+41.92	31.0' LT	692.88	--	--	12"	15"	24"	36"	521.1012	522.2624	611.2004	611.2005
210	209BRE+79.98	29.0' RT	694.47	691.93	1.2	--	--	--	--	--	--	--	--
210A	209BRE+96.98	29.0' RT	694.46	691.86	1.3	--	--	--	--	--	--	--	--
EW25	210BRE+00.00	63.2' LT	691.73	--	--	1	--	--	--	--	--	--	--
1004A	1004NS+22.66	0.40' RT	696.05	691.02	5.03	--	--	--	--	--	--	--	--
1004C	104NS+22.05	28.6' RT	695.56	691.69	3.87	--	--	--	--	--	--	--	--
1005B	1005NS+25.06	0.40' RT	696.36	690.58	4.4	--	--	--	--	--	--	1	--
STAGE 2B SUBTOTALS						2	1	3	--	4	--	1	--
<b>BRAUN EAST STAGE 2C</b>													
1005D	1005NS+00.00	26.5' LT	695.93	691.32	3.3	--	--	--	--	--	--	--	--
1005C	1005NS+25.00	27.0' LT	695.94	691.23	3.4	--	--	--	--	--	--	--	--
EW13	1002NS+50.00	47.0' LT	692.68	--	--	--	--	1	--	--	--	--	--
STAGE 2C SUBTOTALS						--	--	1	--	--	--	--	--
BRAUN EAST ROAD TOTALS						3	3	9	3	4	2	1	21

Addendum No. 01  
ID 2704-09-71  
Added Sheet 173A  
July 1, 2019

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET FT	RM ELEV	LOWEST INVERT	STR DEPTH	MANHOLES 7-FT DIAMETER EACH	INLETS 4-FT DIAMETER EACH	INLETS 2X3-FT 2-GRATE EACH	INLETS MEDIAN 2-GRATE EACH	MANHOLE COVERS TYPE J-S EACH	611.0535 COVERS TYPE J-S EACH	611.0612 INLET COVERS TYPE H EACH	611.0624 INLET COVERS TYPE H EACH	611.0627 INLET COVERS TYPE HM EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE M-S EACH	COMMENTS
EW24	210BRE+41.92	31.0' LT	692.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
210	209BRE+79.98	29.0' RT	694.47	691.93	1.2	--	1	--	--	--	--	--	1	--	--	--	--
210A	209BRE+99.98	29.0' RT	694.46	691.86	1.3	--	1	--	--	--	--	--	--	--	1	--	--
EW25	210BRE+00.00	63.2' LT	691.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1004A	1004NS+22.66	0.40' RT	696.05	691.02	5.03	--	--	--	--	1	--	--	--	--	--	--	--
1004C	104NS+22.05	28.6' RT	695.56	691.69	3.87	--	--	--	--	--	--	--	1	--	--	--	--
1005B	1005NS+25.06	0.40' RT	696.36	690.58	4.4	--	--	--	--	1	--	--	--	--	--	--	--
STAGE 2B SUBTOTALS																	
						--	1	3	--	2	--	--	3	--	2	--	--
BRAUN EAST STAGE 2C																	
1005D	1005NS+00.00	26.5' LT	695.93	691.32	3.3	--	--	1	--	--	--	--	--	--	1	--	--
1005C	1005NS+25.00	27.0' LT	695.94	691.23	3.4	--	1	--	--	--	--	--	1	--	--	--	--
EW13	1002NS+50.00	47.0' LT	692.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
STAGE 2C SUBTOTALS																	
						--	1	1	--	--	--	--	1	--	1	--	--
BRAUN EAST ROAD TOTALS																	
						3	17	34	4	6	1	53	6	12	8		

Addendum No. 01  
 ID 2704-09-71  
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POND OUTLET STORM SEWER STRUCTURE

SPV.0060.007  
POND Q  
OUTLET  
STORM SEWER  
STRUCTURE  
EACH

STA.-103FO+21.40, 61.14' RT	POND Q	1
PROJECT 2704-09-71 TOTAL		

PIPE GRATE

611.9800.S  
PIPE  
GRATE  
EACH

STA-103FO+20.87	OFFSET 27.31' RT	1
PROJECT 2704-09-71 TOTAL		

STORM SEWER PLUG

SPV.0060.009  
STORM SEWER  
PLUG  
EACH

STAGE 2B	STRUCTURE ID P100	STATION 1005NS+25.03	OFFSET 12.00' LT	PLUG 1
2B	P101	1002NS+48.85	28.50 LT	1
PROJECT 2704-09-71 TOTAL				

Addendum No. 01  
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PIPE UNDERDRAIN

SPV.0090.002  
PIPE  
UNDERDRAIN  
6-INCH  
SPECIAL  
LF

ROADWAY	STRUCTURE NUMBER	SPECIAL	LF
---------	---------------------	---------	----

	167		50
	167B		50
	167D		50
	167C		25
	167G		50
	167E		25
	167F		50
	STAGE 1 SUBTOTAL		300

	178		50
	178E		25
	178A		50
	178B		50
	178C		50
	178G		25
	178D		25
	STAGE 2A SUBTOTAL		275

	210		25
	210A		50
	1005		50
	STAGE 2B SUBTOTAL		125
	1005D		50
	STAGE 2C SUBTOTAL		50
	UNDISTRIBUTED		100
	PROJECT 2704-09-71 TOTALS		850

ADJUSTING/RECONSTRUCTING INLET/MANHOLE

STRUCTURE ID	611.0420 RECONSTRUCTING MANHOLE	611.8110 ADJUSTING MANHOLE	611.8115 ADJUSTING INLET	NOTES
	EACH	EACH	EACH	
STAGE 2B				
1004A	--	1	--	ADJUST TO ELEVATION 696.05
1004C	--	--	1	ADJUST TO ELEVATION 695.56
STAGE 2B SUBTOTAL	--	1	1	
STAGE 2C				
.208C	1	--	--	RECONSTRUCT TO ELEVATION 696.54
STAGE 2C SUBTOTAL	1	--	--	
PROJECT 2704-09-71 TOTAL	1	1	1	

RECONNECT STORM SEWER

STAGE	STRUCTURE ID	RECONNECT STORM SEWER	NOTES
		EACH	
2B	1004C	1	
PROJECT 2704-09-71 TOTAL		1	

Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 175  
 July 1, 2019

Addendum No. 01  
ID 2704-09-71  
Revised Sheet 176  
July 1, 2019

CURB & GUTTER ITEMS

ROADWAY	STATION	STATION	OFFSET	CONCRETE		CONCRETE		CONCRETE		CONCRETE		CONCRETE	
				30-INCH TYPE A	LF	30-INCH TYPE D	LF	6-INCH SLOPED	LF	36-INCH TYPE A	LF	6-INCH SLOPED	LF
STAGE 1													
BRAUN ROAD													
	156BRE+29	-	167BRE+28	RT	1,137	--	--	--	--	--	--	--	--
	156BRE+29	-	167BRE+38	LT	1,109	--	--	--	--	--	--	--	--
	156BRW+29	-	157BRW+17	RT	--	--	89	--	--	--	--	--	--
	156BRW+29	-	157BRW+17	RT	--	--	89	--	--	--	--	--	--
	156BRW+29	-	167BRW+38	RT	1,113	--	--	--	--	--	--	--	--
	156BRW+33	-	172BRW+73	LT	1,642	--	--	--	--	--	--	--	--
	157BRW+21			RT	--	--	--	--	--	84	--	--	--
	166BRE+95			RT	--	--	--	--	--	62	--	--	--
	166BRE+96	-	167BRE+37	RT	39	--	--	--	--	--	--	--	--
	167BRE+39			LT	--	--	--	--	--	--	--	57	--
	167BRE+40			RT	--	--	--	--	--	--	--	26	--
	167BRW+97			RT	--	--	--	--	--	--	--	36	--
	167BRW+98	-	170BRW+59	RT	--	--	261	--	--	--	--	--	--
	167BRW+98	-	170BRW+59	RT	--	--	261	--	--	--	--	--	--
	168BRE+13	-	169BRE+35	RT	177	--	--	--	--	--	--	--	--
	168BRW+28			RT	--	--	--	--	--	63	--	--	--
	168BRW+31	-	172BRW+73	RT	443	--	--	--	--	--	--	--	--
	168BRE+31	-	169BRE+35	LT	104	--	--	--	--	--	--	--	--
	169BRE+35	-	172BRE+84	LT	--	--	353	--	--	--	--	--	--
	169BRE+35	-	175BRE+37	RT	--	--	601	--	--	--	--	--	--
	170BRW+63			RT	--	--	--	--	--	84	--	--	--
	172BRW+70	-	173BRW+13	LT	--	--	--	--	--	--	--	--	--
	172BRW+73	-	176BRW+52	RT	--	--	--	--	--	--	--	--	--
	172BRW+73	-	176BRW+52	LT	--	--	--	--	--	--	--	--	--
	172BRE+66			LT	--	--	--	--	--	--	--	34	--
	173BRE+68			LT	--	--	--	--	--	81	--	--	--
	173BRE+71	-	175BRE+36	LT	--	--	168	--	--	--	--	--	--
	166BRE+96	-	167BRE+40	RT	86	--	--	--	--	--	--	--	--
	167BRE+59	-	167BRE+65	RT	54	--	--	--	--	--	--	--	--
	167BRE+73			RT	--	--	--	--	--	124	--	--	--
	167BRE+79	-	167BRE+97	RT	54	--	--	--	--	--	--	--	--
	167BRE+96	-	167BRE+97	RT	55	--	--	--	--	--	--	--	--
	167BRE+96			RT	--	--	--	--	--	--	--	26	--
	168BRE+97			RT	--	--	--	--	--	66	--	--	--
	167BRE+99	-	168BRE+17	RT	78	--	--	--	--	--	--	--	--
	STAGE 1 SUBTOTAL				6,092		700			743			

SHEET: 176

PROJECT NO: 2704-09-71

HWY: BRAUN ROAD

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

FILE NAME: IP\VI\tds\030201\_mq.ppt

PLOT BY: HNTB Corp

PLOT DATE: 6/27/2019 4:17:46 PM

PLOT NAME: 030201\_mq8

PLOT SCALE: 1:1

CURB & GUTTER ITEMS (CONTINUED)

ROADWAY	STATION	STATION	OFFSET	CONCRETE CURB AND GUTTER 30-INCH TYPE A	CONCRETE CURB AND GUTTER 30-INCH TYPE D	CONCRETE CURB AND GUTTER 36-INCH TYPE A	CONCRETE CURB AND GUTTER 6-INCH SLOPED SLOPED NOSE (TYPE 1) (TYPE 2)	601.0411	601.0555	620.0300	620.0300
				LF	LF	LF	SF	LF	LF	SF	SF
<b>STAGE 2A</b>											
BRAUN ROAD	175BRE+37	- 178BRE+66	LT	--	330	--	--				
	175BRE+37	- 178BRE+70	RT	--	334	--	--				
	176BRW+51	- 178BRW+67	LT	--	218	--	--				
	176BRW+51	- 178BRW+69	RT	--	217	--	--				
	178BRE+68		LT	--	--	--	30				
	178BRE+07		LT	--	--	--	30				
	179BRE+06	- 180BRE+35	RT	--	129	--	--				
	179BRW+06	- 180BRW+35	LT	--	129	--	--				
	179BRE+09	- 181BRE+07	LT	--	198	--	--				
	179BRW+09	- 181BRW+07	RT	--	198	--	--				
	181BRE+08		LT	--	--	--	30				
	204BRE+18	- 207BRE+26	RT	--	308	--	--				
	205BRE+68	- 207BRE+29	LT	--	161	--	--				
<b>STAGE 2A SUBTOTAL</b>				--	2,222	--	90				
<b>STAGE 2B</b>											
BRAUN ROAD	208BRE+45	- 210BRE+49	RT	--	324	--	--				
	208BRE+35	- 214BRE+75	LT	--	762	--	--				
90TH STREET	1001NS+95	- 1002NS+79	LT	--	76	--	--				
<b>STAGE 2B SUBTOTAL</b>				--	1,182	--	--				
<b>STAGE 2C</b>											
90TH STREET	1002NS+79	- 1002NS+94	LT	--	90	--	--				
	1004NS+07	- 1006NS+06	LT	--	236	--	--				
<b>STAGE 2C SUBTOTAL</b>				--	326	--	--				
<b>PROJECT 2704-09-71 TOTAL</b>				6,092	5,563	700	833				

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CONCRETE SIDEWALK

ROADWAY	STATION	STATION	OFFSET	602.0410		602.0505		602.0605	
				CONCRETE SIDEWALK 5-INCH	SF	DETECTABLE WARNING FIELD YELLOW	SF	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	SF
STAGE 1									
BRAUN ROAD	156BRW+29	-	157BRW+18	RT	531	--	--	--	--
	156BRE+29	-	157BRE+81	RT	1,160	--	--	--	--
	166BRE+84	-	167BRE+03	RT	170	--	--	--	--
	166BRE+98	-	167BRE+40	RT	768	--	--	--	--
	167BRE+14	-	167BRE+38	LT	497	--	--	--	--
	166BRE+88	-	167BRE+22	RT	--	20	--	--	--
	167BRW+24	-	167BRE+34	LT	175	--	--	--	--
	167BRE+28	-	167BRE+28	RT	--	20	--	--	--
	167BRE+29	-	167BRE+29	LT	--	20	--	--	--
	167BRW+29	-	167BRW+29	RT	--	20	--	--	--
	167BRW+29	-	167BRW+29	LT	--	20	--	--	--
	167BRE+39	-	167BRE+39	RT	--	20	--	--	--
	167BRW+98	-	170BRW+59	RT	1,566	--	--	--	--
	168BRW+02	-	168BRW+12	LT	175	--	--	--	--
	168BRE+07	-	168BRE+07	LT	--	20	--	--	--
	168BRW+07	-	168BRW+07	RT	--	20	--	--	--
	168BRW+07	-	168BRW+07	LT	--	20	--	--	--
	168BRE+31	-	168BRE+51	RT	168	--	--	--	--
	168BRE+31	-	171BRE+62	RT	2,127	--	--	--	--
	167BRE+62	-	167BRE+79	RT	153	--	--	--	--
	167BRE+96	-	168BRE+16	RT	713	--	--	--	--
	167BRE+97	-	167BRE+97	RT	--	20	--	--	--
	168BRE+07	-	168BRE+07	RT	--	20	--	--	--
	168BRE+11	-	168BRE+11	RT	--	20	--	--	--
	168BRE+35	-	168BRE+35	RT	--	20	--	--	--
	173BRE+71	-	173BRE+81	LT	97	--	--	--	--
STAGE 1 SUBTOTAL					8,299				280
STAGE 2A									
BRAUN ROAD	176BRE+68	-	178BRE+67	LT	1,501	--	--	--	--
	179BRE+08	-	181BRE+10	LT	990	--	--	--	--
STAGE 2A SUBTOTAL					2,492				--
STAGE 2B									
BRAUN ROAD	208BRE+35	-	208BRE+70	LT	428	--	--	--	--
	208BRE+50	-	208BRE+71	RT	199	--	--	--	--
	208BRE+67	-	208BRE+67	LT	--	10	--	--	--
	208BRE+69	-	208BRE+69	RT	--	10	--	--	--
	1003NS+37	-	1003NS+37	RT	--	34	--	--	--
	1004NS+22	-	1004NS+22	RT	--	30	--	--	--
STAGE 2B SUBTOTAL					626				64
STAGE 2C									
BRAUN ROAD	207BRE+37	-	207BRE+65	LT	288	--	--	--	--
	207BRE+37	-	207BRE+69	RT	256	--	--	--	--
	207BRE+40	-	207BRE+40	LT	--	10	--	--	--
	207BRE+40	-	207BRE+40	RT	--	10	--	--	--
	1003NS+37	-	1003NS+37	LT	--	10	--	--	--
	1004NS+22	-	1004NS+22	LT	--	10	--	--	--
STAGE 2C SUBTOTAL					524				40
PROJECT 2704-09-71 TOTAL					11,941				340
HWY: BRAUN ROAD									64

COUNTY: RACINE MISCELLANEOUS QUANTITIES

SHEET: 178

PROJECT NO: 2704-09-71

**FENCE SAFETY**  
616.0700.S  
FENCE SAFETY LF

ROADWAY	
UNDISTRIBUTED	1,000
<b>PROJECT 2704-09-71 TOTAL</b>	<b>1,000</b>

**MOBILIZATION**  
619.1000  
MOBILIZATION EACH

ROADWAY	
PROJECT 2704-09-71	1
<b>PROJECT 2704-09-71 TOTAL</b>	<b>1</b>

**WATER**  
624.0100\*  
WATER MSGAL

ROADWAY	
PROJECT 2704-09-71	2,320
<b>PROJECT 2704-09-71 TOTAL</b>	<b>2,320</b>

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

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MISCELLANEOUS QUANTITIES  
SHEET: 179  
E

**RIPRAP**  
606.0100 606.0200 606.0300 645.0120\* 645.0130  
GEOTEXTILE GEOTEXTILE  
RIPRAP RIPRAP RIPRAP FABRIC FABRIC  
LIGHT MEDIUM HEAVY TYPEHR TYPER

ROADWAY	STATION	OFFSET	CY	CY	CY	SY	SY
<b>STAGE 1</b>							
BRAUN ROAD	168BRE+66	RT	--	11	17	--	--
	173BRE+00	LT	--	11	17	--	--
	174BRE+70	LT	--	11	17	--	--
	176BRE+99	LT	--	7	11	--	--
	177BRE+15	LT	--	68	87	--	--
	177BRE+53	LT	--	41	62	--	--
<b>STAGE 1 SUBTOTAL</b>			--	139	211	--	--

**STAGE 2A**

BRAUN ROAD	180BRE+03	RT	--	11	17	--	--
	180BRE+41	RT	2	--	--	--	13
	180BRE+41	LT	2	--	--	--	13
	187BRE+02	RT	--	11	17	--	--
	198BRE+98	RT	--	11	17	--	--
	202BRE+51	RT	--	11	17	--	--
<b>STAGE 2A SUBTOTAL</b>			4	--	44	68	26

**STAGE 2B**

BRAUN ROAD	209BRE+08	LT	--	2	5	--	--
	210BRE+00	RT	--	2	5	--	--
	210BRE+03	LT	--	2	5	--	--
	210BRE+92	LT	1	--	11	--	--
	1002NS+50	RT	--	11	17	--	--
	1002NS+72	RT	--	1	11	--	--
<b>STAGE 2B SUBTOTAL</b>			--	2	17	54	--

**STAGE 2C**

90TH STREET	1002NS+71	LT	--	1	11	--	--
<b>STAGE 2C SUBTOTAL</b>			--	1	11	--	--

**PROJECT 2704-09-71 TOTAL**  
4 4 200 344 26

**DRAIN TILE**  
612.0700 SRV.0060.006  
DRAIN TILE CONNECT  
EXPLORATION DRAIN TILE

ROADWAY	
UNDISTRIBUTED	1,500
<b>PROJECT 2704-09-71 TOTAL</b>	<b>1,500</b>

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NO: 2704-09-71  
HWY: BRAUN ROAD  
COUNTY: RACINE  
PLOT DATE: 02/27/2019 4:17:48 PM  
PLOT BY: HNTB Corp  
PLOT NAME: 030201\_mq11  
MISCELLANEOUS QUANTITIES  
SHEET: 179  
E

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RESTORATION ITEMS

SPV\0180.001 629.0210 630.0140 630.0200

STAGE	STATION	OFFSET	SY	FERTILIZER TYPE	SEEDING MIXTURE	SEEDING NO.	TEMPORARY
<b>STAGE 1</b>							
BRAUN ROAD	156BRE+29 -	167BRE+28	RT	4.379	3.0	79	118
	156BRE+29 -	176BRE+52	LT	22.348	14.3	402	603
	157BRE+81 -	167BRE+14	LT	3.049	2.0	55	82
	168BRE+13 -	177BRE+83	RT	5.772	3.8	104	156
	171BRE+62 -	172BRE+86	LT	160	.3	3	4
	173BRE+81 -	176BRE+68	LT	565	.5	10	15
<b>STAGE 1 SUBTOTAL</b>							
				36.273	23.8	653	978
<b>STAGE 2A</b>							
BRAUN ROAD	175BRE+36 -	178BRE+77	RT	1.979	1.3	36	53
	176BRE+51 -	178BRE+75	LT	382	.3	7	10
	178BRE+97 -	207BRE+49	LT	10.592	6.8	191	286
	178BRE+99 -	207BRE+50	RT	25.275	16.0	455	682
	90TH STREET		LT	604	.5	11	16
<b>STAGE 2A SUBTOTAL</b>							
				38.832	25	700	1,047
<b>STAGE 2B</b>							
BRAUN ROAD	208BRE+50 -	215BRE+50	LT	4.231	2.8	76	114
	209BRE+49 -	210BRE+10	LT	116	.3	2	3
	210BRE+32 -	211BRE+57	LT	235	.3	4	6
	211BRE+73 -	215BRE+25	RT	588	.5	11	16
	90TH STREET		RT	22	.3	--	1
	1003NS+90 -	1004NS+27	RT	311	.3	6	8
	1003NS+90 -	1005NS+50	RT	5.503	4.3	99	148
<b>STAGE 2B SUBTOTAL</b>							
				1,710	1.8	31	46
<b>STAGE 2C</b>							
90TH STREET	998NS+75 -	1003NS+10	LT	1.535	1.0	28	41
	1003NS+20 -	1003NS+25	LT	3	.3	--	--
	1004NS+01 -	1004NS+27	LT	19	.3	3	1
	1004NS+11 -	1005NS+50	LT	153	.3	3	4
<b>STAGE 2C SUBTOTAL</b>							
				1,710	1.8	31	46
<b>SUBTOTAL</b>							
				82,318	55	1,483	2,219
<b>UNDISTRIBUTED</b>							
				20,582	16	377	561
<b>PROJECT 2704-09-71 TOTAL</b>							
				102,900	70	1,860	2,780

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 July 1, 2019

EROSION CONTROL

STAGE	STATION	OFFSET	EROSION BALES		MOBILIZATION EROSION CONTROL		MOBILIZATION EMERGENCY EROSION CONTROL		EROSION MAT		TEMPORARY DITCH		CULVERT PIPE	
			EACH	EACH	EACH	EACH	TYPE	SY	CLASS	TYPE	LF	CHECKS	TYPE	CHECKS
STAGE 1														
BRAUN ROAD	156BRE+28	-	167BRE+28	RT	--	--	--	--	4,379	--	--	--	--	--
	156BRE+29	-	176BRE+52	LT	--	--	--	--	22,348	--	--	--	--	--
	156BRE+50			LT	--	--	--	--	--	--	8	--	--	--
	156BRE+92			LT	--	--	--	--	--	--	8	--	--	--
	157BRE+81	-	167BRE+14	LT	--	--	--	--	3,049	--	--	--	--	--
	157BRE+81			LT	--	--	--	--	--	--	8	--	--	--
	158BRE+93			LT	--	--	--	--	--	--	8	--	--	--
	159BRE+95			LT	--	--	--	--	--	--	8	--	--	--
	160BRE+95			LT	--	--	--	--	--	--	8	--	--	--
	161BRE+55			LT	--	--	--	--	--	--	8	--	--	--
	162BRE+56			LT	--	--	--	--	--	--	8	--	--	--
	162BRE+63			RT	--	--	--	--	--	--	8	--	--	--
	163BRE+55			LT	--	--	--	--	--	--	8	--	--	--
	163BRE+62			RT	--	--	--	--	--	--	8	--	--	--
	164BRE+53			LT	--	--	--	--	--	--	8	--	--	--
	164BRE+59			RT	--	--	--	--	--	--	8	--	--	--
	165BRE+56			LT	--	--	--	--	--	--	8	--	--	--
	165BRE+63			RT	--	--	--	--	--	--	8	--	--	--
	166BRE+55			LT	--	--	--	--	--	--	8	--	--	--
	166BRE+55			LT	--	--	--	--	--	--	8	--	--	--
	166BRE+55			RT	--	--	--	--	--	--	1	--	--	--
	167BRE+54			LT	--	--	--	--	--	--	8	--	--	--
	168BRE+13	-	177BRE+83	RT	--	--	--	--	5,772	--	--	--	--	--
	168BRE+80			LT	--	--	--	--	--	--	8	--	--	--
	170BRE+68			RT	--	--	--	--	--	--	8	--	--	--
	170BRE+80			LT	--	--	--	--	--	--	8	--	--	--
	171BRE+62	-	172BRE+85	LT	--	--	--	--	160	--	--	--	--	--
	172BRE+62			LT	--	--	--	--	--	--	1	--	--	--
	173BRE+81	-	176BRE+68	LT	--	--	--	--	565	--	--	--	--	--
	173BRE+81			LT	--	--	--	--	--	--	8	--	--	--
FOND DRIVEWAY	175BRE+53			RT	--	--	--	--	--	--	8	--	--	--
	101FO+85			RT	--	--	--	--	--	--	16	--	--	--
FOND DITCH	502PD+02			R/LT	--	--	--	--	--	--	16	--	--	--
	504PD+11			R/LT	--	--	--	--	--	--	16	--	--	--
	506PD+25			R/LT	--	--	--	--	--	--	16	--	--	--
					--	--	--	--	36,273	--	224	--	3	--
STAGE 1 SUBTOTAL														

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

EROSION CONTROL (CONTINUED)

STAGE	STATION	OFFSET	EROSION BALES		MOBILIZATIONS EROSION CONTROL		EROSION CONTROL		EROSION MAT		TEMPORARY		CULVERT	
			EACH	EACH	EACH	EACH	CLASS I	SY	LF	CHECKS	LF	CHECKS	LF	CHECKS
STAGE 2A	BRAUN ROAD													
	175BRE+36 - 178BRE+77	RT						1,979						
	175BRE+50	RT										8		
	175BRE+56	LT										8		
	176BRE+51 - 178BRE+75	LT						382						
	177BRE+78 - 178BRE+38	LT	24											
	178BRE+00	LT										8		
	178BRE+97 - 207BRE+49	LT						10,592						
	178BRE+99 - 207BRE+50	RT						25,275						
	179BRE+76	RT										8		
	179BRE+99	LT												1
	180BRE+23	RT										8		
	182BRE+69 - 185BRE+12	RT	96											
	182BRE+99	RT										8		
	183BRE+00	LT										8		
	183BRE+85	RT										8		
	184BRE+07	RT										8		
	184BRE+07	LT										8		
	185BRE+14	LT										8		
	185BRE+15	RT										8		
	185BRE+86	RT										8		
	186BRE+78	RT										8		
	186BRE+99	LT											1	
	187BRE+25	RT										8		
	187BRE+73	RT										8		
	189BRE+25	RT										8		
	189BRE+42	LT										8		
	189BRE+73	RT										8		
	191BRE+73	RT										8		
	192BRE+49	LT										8		
	193BRE+38	RT										8		
	193BRE+73	RT										8		
	194BRE+27	LT										8		
	195BRE+02	RT										8		
	195BRE+73	RT										8		
	195BRE+88	LT										8		
	196BRE+72	RT										8		
	197BRE+61	LT										8		
	197BRE+73	RT										8		
	198BRE+38	RT										8		
	199BRE+27	LT										8		

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

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 Revised Sheet 183  
 July 1, 2019

EROSION CONTROL (CONTINUED)

STAGE	STATION	OFFSET	EROSION BALES		MOBILIZATION CONTROL		EROSION CONTROL		EROSION MAT		TEMPORARY		CULVERT		
			EACH	EACH	EACH	EACH	CLASS I	CLASS II	LF	LF	CHECKS	CHECKS			
STAGE 2A	190BRE+73	RT	--	--	--	--	--	--	--	--	8	--	--	--	
	210BRE+03	RT	--	--	--	--	--	--	--	--	8	--	--	--	
	201BRE+20	LT	--	--	--	--	--	--	--	--	8	--	--	--	
	201BRE+73	RT	--	--	--	--	--	--	--	--	8	--	--	--	
	203BRE+13	RT	--	--	--	--	--	--	--	--	8	--	--	--	
	203BRE+20	LT	--	--	--	--	--	--	--	--	8	--	--	--	
	203BRE+73	RT	--	--	--	--	--	--	--	--	8	--	--	--	
	205BRE+18	LT	--	--	--	--	--	--	--	--	8	--	--	--	
	205BRE+76	RT	--	--	--	--	--	--	--	--	8	--	--	--	
	207BRE+13	LT	--	--	--	--	--	--	--	--	8	--	--	--	
207BRE+31	RT	--	--	--	--	--	--	--	--	8	--	--	--		
90TH STREET			998NS+04	1003NS+71	--	--	--	--	604	--	--	--	--	1	
STAGE 2A SUBTOTAL					120	--	--	--	38,832	--	336	--	--	3	
STAGE 2B	208BRE+50	RT	--	--	--	--	--	--	4,231	--	--	--	--	--	
	208BRE+88	LT	--	--	--	--	--	--	--	--	--	--	--	1	
	209BRE+49	LT	--	--	--	--	--	--	116	--	--	--	--	--	
	209BRE+63	LT	--	--	--	--	--	--	--	--	--	--	--	1	
	210BRE+22	RT	--	--	--	--	--	--	--	--	8	--	--	--	
	210BRE+32	LT	--	--	--	--	--	--	235	--	--	--	--	--	
	210BRE+47	LT	--	--	--	--	--	--	--	--	--	--	--	1	
	211BRE+73	LT	--	--	--	--	--	--	588	--	--	--	--	--	
	212BRE+19	RT	--	--	--	--	--	--	--	--	8	--	--	--	
	213BRE+26	RT	--	--	--	--	--	--	--	--	8	--	--	--	
214BRE+19	RT	--	--	--	--	--	--	--	--	8	--	--	--		
90TH STREET			1000NS+70	1002NS+62	--	--	--	--	--	--	8	--	--	--	
STAGE 2B SUBTOTAL			1003NS+90	1004NS+27	RT	--	--	--	22	--	--	--	--	--	
			1003NS+90	1005NS+60	RT	--	--	--	311	--	--	--	--	--	
					--	--	--	--	5,503	--	48	--	--	3	
STAGE 2C	998NS+75	LT	--	--	--	--	--	--	1,535	--	--	--	--	--	
	1000NS+25	LT	--	--	--	--	--	--	--	--	8	--	--	--	
	1002NS+50	LT	--	--	--	--	--	--	--	--	--	--	--	1	
	1003NS+20	LT	--	--	--	--	--	--	3	--	--	--	--	--	
	1004NS+01	LT	--	--	--	--	--	--	19	--	--	--	--	--	
	1004NS+27	LT	--	--	--	--	--	--	153	--	--	--	--	--	
	1005NS+11	LT	--	--	--	--	--	--	--	--	--	--	--	--	
	1004NS+40	LT	--	--	--	--	--	--	1,710	--	--	--	--	1	
	SUBTOTAL					120	--	--	--	82,318	--	616	--	--	11
	UNDISTRIBUTED					30	10	8	--	20,582	--	154	--	--	4
PROJECT 2704-09-71 TOTAL					150	10	8	--	102,900	--	770	--	--	15	

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

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SILT FENCE

ROADWAY	STATION	OFFSET	628.1504		628.1520		SPV.0090.001	
			SILT FENCE LF	MAINTENANCE LF	SILT FENCE LF	HEAVY DUTY SILT FENCE LF		
STAGE 1								
BRAUN ROAD	156BRE+24 - 166BRE+51	RT	1,032	1,032	1,032	1,032	--	--
STAGE 1 SUBTOTAL								
STAGE 2A								
BRAUN ROAD	176BRE+52 - 177BRE+75	LT	230	230	230	230	--	--
	179BRE+01 - 182BRE+51	LT	359	359	359	359	--	--
	179BRE+00 - 182BRE+50	RT	372	372	372	372	--	--
	182BRE+50 - 185BRE+85	RT	--	--	--	--	335	335
	200BRE+88 - 207BRE+24	LT	646	646	646	646	--	--
90TH STREET	996NS+53 - 1002NS+30	LT	582	582	582	582	--	--
	1004NS+41 - 1006NS+08	LT	179	179	179	179	--	--
STAGE 2A SUBTOTAL								
			2,368	2,368	2,368	2,368	335	335
STAGE 2B								
90TH STREET	968NS+70 - 1002NS+29	LT	364	364	364	364	--	--
STAGE 2B SUBTOTAL								
			364	364	364	364	--	--
STAGE 2C								
90TH STREET	1004NS+42 - 1005NS+50	LT	133	133	133	133	--	--
STAGE 2C SUBTOTAL								
			133	133	133	133	--	--
SUBTOTAL								
			3,897	3,897	3,897	3,897	335	335
UNDISTRIBUTED								
			1,003	1,003	1,003	1,003	90	90
PROJECT 2704-09-71 TOTAL								
			4,900	4,900	4,900	4,900	425	425

INLET PROTECTION

STAGE 1	ROADWAY	STATION	OFFSET	INLET PROTECTION	
				TYPEA	TYPEB
	BRAUN ROAD	157BRE+09.72	73.3 LT	1	1
		157BRE+10.67	34.7 LT	1	1
		157BRE+10.91	24.8 LT	1	1
		157BRE+11.26	10.76 LT	1	1
		157BRE+11.50	0.8 LT	1	1
		157BRE+12.43	29.2 RT	1	1
		158BRE+54.37	69.1 LT	1	1
		158BRE+55.46	26.0 LT	1	1
		158BRE+55.83	1.1 LT	1	1
		158BRE+56.94	24.9 RT	1	1
		160BRE+10.17	61.7 LT	1	1
		160BRE+09.69	35.2 LT	1	1
		160BRE+10.21	1.2 LT	1	1
		160BRE+09.84	25.18 RT	1	1
		162BRE+00.19	61.7 LT	1	1
		162BRE+00.06	34.7 LT	1	1
		162BRE+00.70	0.8 LT	1	1
		162BRE+01.58	24.8 RT	1	1
		163BRE+98.89	61.7 LT	1	1
		163BRE+98.84	34.7 LT	1	1
		163BRE+98.48	0.7 LT	1	1
		164BRE+00.30	29.7 RT	1	1
		165BRE+97.61	61.3 LT	1	1
		165BRE+98.40	34.7 LT	1	1
		165BRE+98.69	0.8 LT	1	1
		166BRE+01.05	37.2 RT	1	1
		166BRE+66.94	62.0 LT	1	1
		166BRE+67.51	35.2 LT	1	1
		166BRE+68.49	1.1 LT	1	1
		166BRE+65.96	61.5 LT	1	1
		166BRE+67.71	34.9 LT	1	1
		166BRE+68.40	1.5 LT	1	1
		167BRE+02.28	26.3 RT	1	1
		166BRE+69.20	58.7 RT	1	1
		167BRE+08.81	61.6 LT	1	1
		168BRE+17.48	62.5 LT	1	1
		168BRE+18.82	34.7 LT	1	1
		168BRE+18.80	25.8 LT	1	1
		168BRE+36.66	11.0 LT	1	1
		168BRE+37.05	2.4 RT	1	1
		168BRE+40.74	42.7 RT	1	1
		167BRE+96.27	74.5 RT	1	1
		167BRE+41.16	56.6 RT	1	1
		170BRE+54.38	61.8 LT	1	1
		170BRE+54.89	35.3 LT	1	1
		170BRE+54.89	24.8 LT	1	1

INLET PROTECTION (CONTINUED)

STAGE 1 SUBTOTAL	ROADWAY	STATION	OFFSET	INLET PROTECTION	
				TYPEA	TYPEB
		170BRE+55.07	10.8 LT	1	1
		170BRE+55.09	0.6 LT	1	1
		170BRE+56.76	24.9 RT	1	1
		172BRE+01.70	34.8 LT	1	1
		172BRE+60.66	34.8 LT	1	1
		172BRE+60.98	21.5 LT	1	1
		172BRE+62.03	25.0 RT	1	1
		175BRE+34.99	43.9 LT	1	1
		175BRE+35.25	22.8 LT	1	1
		175BRE+35.87	1.1 LT	1	1
		175BRE+36.29	19.7 RT	1	1
57					57
STAGE 2A					
	BRAUN ROAD	177BRE+51.99	27.6 LT	1	1
		177BRE+49.61	1.0 LT	1	1
		177BRE+49.40	13.81 RT	1	1
		177BRE+74.25	26.0 LT	1	1
		177BRE+74.67	11.0 LT	1	1
		177BRE+74.92	1.25 LT	1	1
		177BRE+75.29	13.0 RT	1	1
		180BRE+00.01	26.4 RT	1	1
		187BRE+01.20	25.3 RT	1	1
		198BRE+96.81	29.7 RT	1	1
		207BRE+66.61	18.6 RT	1	1
11					10
STAGE 2B					
	90TH STREET	1004NS+22.05	28.6 RT	1	1
		1004NS+50.00	26.5 RT	1	1
		1005NS+25.60	27.1 RT	1	1
	BRAUN ROAD	209BRE+60.05	29.0 RT	1	1
		210BRE+00	28.7 RT	1	1
5					5
STAGE 2C					
	90TH STREET	1005NS+00.17	26.5 LT	1	1
		1005NS+25.00	26.5 LT	1	1
2					2
STAGE 2C SUBTOTAL					
75					74
PROJECT 2704-09-71 TOTAL					

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 ID 2704-09-71  
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 July 1, 2019

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 Revised Sheet 187  
 July 1, 2019

PERMANENT SIGNING (CONTINUED)

STAGE	SIGN NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE		SIGN TYPE II	SIGN TYPE I	SIGN MOUNTED ON SAME POST AS	SIGN ON EACH	POSTS WOOD 4X6-INCH X 18-FT	MOVING SIGNS	REMARKS
				INCH	X INCH							
	P032	R6-2L	ONE WAY LEFT	24	X 30	5	--	--	1		638.2102	
	P033	W10-1	GRADE CROSSING AHEAD	36	X 36	--	4.91	1	1			
	P038	W10-1	GRADE CROSSING AHEAD	36	X 36	--	4.91	1	1			
STAGE 1 SUBTOTAL						162.14	33.07		30		0	
STAGE 2C	P033	W10-1	GRADE CROSSING AHEAD	36	X 36	--	--	--	--		1	REPLACE PREVIOUS W10-1 SIGN
	P034	W6-2	DIVIDED HIGHWAY ENDS	36	X 36	--	9	1	1		--	
	P035	R6-1A	WRONG WAY	36	X 24	6	--	--	1		--	
	P036	R4-7	KEEP RIGHT	24	X 30	5	--	--	1		--	
	P037	R5-1	DO NOT ENTER	30	X 30	6.25	--	--	1		--	
	P038	W10-1	GRADE CROSSING AHEAD	36	X 36	--	--	--	--		1	REPLACE PREVIOUS W10-1 SIGN
	P039	R2-1	SPEED LIMIT 35	24	X 30	5	--	--	1		--	
	P040	R2-1	SPEED LIMIT 35	24	X 30	5	--	--	1		--	
	P041	W6-3	TWO-WAY TRAFFIC	36	X 36	--	9	1	1		--	
	P042	W6-1	DIVIDED HIGHWAY BEGINS	36	X 36	--	9	1	1		--	
	P043	W14-3	NO PASSING ZONE	48	X 36	--	5.56	1	1		--	
	P044	W14-3	NO PASSING ZONE	48	X 36	--	5.56	1	1		--	
	P045	W3-1	STOP SIGN AHEAD	36	X 36	--	9	1	1		--	
	P045A	R3-8W	LANE CONTROL	54	X 30	11.25	--	--	1		--	
	P046	R2-1	SPEED LIMIT 35	24	X 30	5	--	--	1		--	
	P047	R1-1	STOP SIGN	30	X 30	5.18	--	--	1		--	
	P048	R1-3P	ALL WAY	18	X 6	0.75	--	--	1		--	
	P049	W4-2	LANE ENDS	36	X 36	--	9	1	1		--	
	P050	R2-1	SPEED LIMIT 40	24	X 30	5	--	--	1		--	
	P050A	R3-8	LANE CONTROL	36	X 30	7.5	--	--	1		--	
	P051	R1-3P	ALL WAY	18	X 6	0.75	--	--	P041		--	
	P052	R1-3P	ALL WAY	18	X 6	0.75	--	--	P042		--	
	P053	R1-1	STOP SIGN	30	X 30	5.18	--	--	1		--	
	P054	R1-1	STOP SIGN	30	X 30	5.18	--	--	1		--	
	P055	R1-1	STOP SIGN	30	X 30	5.18	--	--	P045		--	
	P056	R1-3P	ALL WAY	18	X 6	0.75	--	--	P046		--	
	P057	R3-8A	LANE CONTROL	36	X 30	7.5	--	--	1		--	
	P058	W3-1	STOP SIGN AHEAD	36	X 36	--	9	1	1		--	
STAGE 2C SUBTOTAL						87.22	65.12		22.00		2.00	
PROJECT 2704-09-71 TOTAL						249.36	98.19		52.00		2	

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NO: 2704-09-71

HWY: BRAUN ROAD

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET: 187

E

FILE NAME: IP\VI\tds\032021\_mq.ppt

PLOT DATE: 02/27/2019 4:17:49 PM

PLOT BY: HNTB Corp

PLOT NAME: 032021\_mq19

PLOT SCALE: 1:1



**TEMPORARY PORTABLE RUMBLE STRIPS**

643.0310.S TEMPORARY PORTABLE RUMBLE STRIPS		LS	
ROADWAY			
PROJECT 2704-09-71	1		
PROJECT 2704-09-71 TOTAL	1		

**DETOUR ITEMS**

643.0900*		643.1000		643.1050		643.0920	
TRAFFIC CONTROL SIGNS		TRAFFIC CONTROL SIGNS		TRAFFIC CONTROL SIGNS		TRAFFIC CONTROL SIGNS	
ROADWAY	DURATION	EACH	DAYS	EACH	SF	EACH	SF
BRAUN ROAD	140	104	14,560	44	220	2	280
SUBTOTAL		14,560	44	220	2	280	
UNDISTRIBUTED							
PROJECT 2704-09-71 TOTAL		14,560		220		280	

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

**PAVEMENT MARKINGS**

STAGE	MARKING LINE																						
	LF	LF																					
STAGE 1 BRAUN ROAD AREA 3 DRIVEWAY	140		91		26		316		238		4		689		1,318								
					12		139		43		1				136								
	140		91		38		455		282		5		689		1,454								
STAGE 1 SUBTOTAL																							
STAGE 2B BRAUN ROAD	1,946		173		29		121																
					29		121																
	1,946		173		29		121																
STAGE 2B SUBTOTAL																							
STAGE 2C BRAUN ROAD 90TH STREET	5,420		479		40		138		203														
					64		298																
	311		109		105		436		203														
STAGE 2C SUBTOTAL																							
PROJECT 2704-09-71 TOTAL	8,917		852		172		1,012		282		5		689		1,454								

**MISCELLANEOUS QUANTITIES**

COUNTY: RACINE		COUNTY: RACINE		COUNTY: RACINE	
PROJECT NO: 2704-09-71	HWY: BRAUN ROAD	PROJECT NO: 2704-09-71	HWY: BRAUN ROAD	PROJECT NO: 2704-09-71	HWY: BRAUN ROAD
SHEET: 190		SHEET: 190		SHEET: 190	

**LOCATING NO-PASSING ZONES**

ROADWAY	STATION	MI
BRAUN ROAD	184BRE-95 - 207BRE-32	0.42
PROJECT 2704-09-71 TOTAL		
		0.42

**SAWING PAVEMENT**

STAGE	STATION	OFFSET	LF	LF
STAGE 1			690,0150	690,0250
BRAUN ROAD	156BRE-29	RTL/T	101	24
STAGE 1 SUBTOTAL				
			101	24
STAGE 2A				
BRAUN ROAD	207BRE-37	RTL/T	26	26
STAGE 2A SUBTOTAL				
			26	26
STAGE 2B				
BRAUN ROAD	209BRE-18 - 209BRE-49	LT	31	-
	210BRE-10 - 210BRE-35	LT	25	-
	211BRE-57 - 211BRE-74	LT	17	-
	214BRE-75	RTL/T	20	-
	999NS+75	RTL/T	24	-
90TH STREET	1003NS+55 - 1005NS+50	LT	196	-
	1004NS+50	RT	-	5
	1005NS+50	RTL/T	37	-
STAGE 2B SUBTOTAL				
			350	5
STAGE 2C				
90TH STREET	1005NS+50	LT	14	-
STAGE 2C SUBTOTAL				
			14	-

**TEMPORARY PAVEMENT MARKINGS**

ROADWAY	649.0150	649.0150	649.0850
	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH	TEMPORARY MARKING LINE (WHITE) (YELLOW) 4-INCH	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
ROADWAY	LF	LF	LF
STAGE 2B			
BRAUN RD			
90TH STREET	2,468	2,468	-
STAGE 2B SUBTOTAL			
	4,976	4,976	-
STAGE 2C			
90TH STREET	-	-	33
STAGE 2C SUBTOTAL			
	-	-	33
PROJECT 2704-09-71 TOTALS			
	4,976	4,976	33

**EXCAVATION BELOW SUBGRADE (EBS)**

ROADWAY	SY	CY	EXCAVATION	BACKFILL
UNDISTRIBUTED	21,600	7,200	7,200	7,200
PROJECT 2704-09-71 TOTAL				
	21,600	7,200	7,200	7,200

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July 1, 2019

PROJECT NO: 2704-09-71

HWY: BRAUN ROAD

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET: 191

E

FILE NAME: IP\VI\tds\032021\_mq3.plt

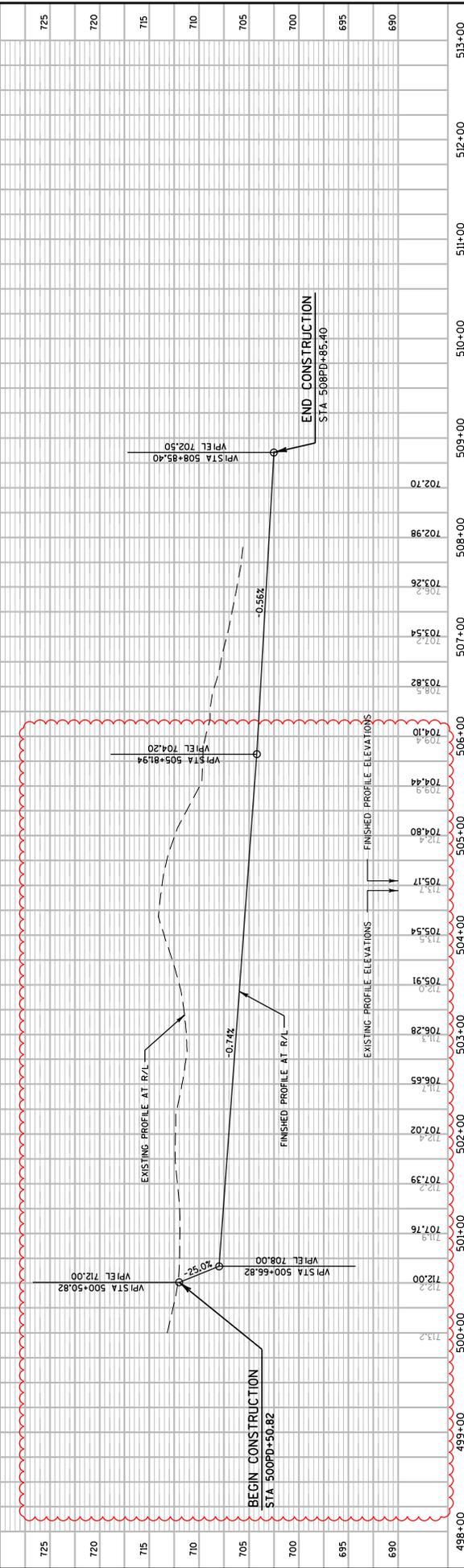
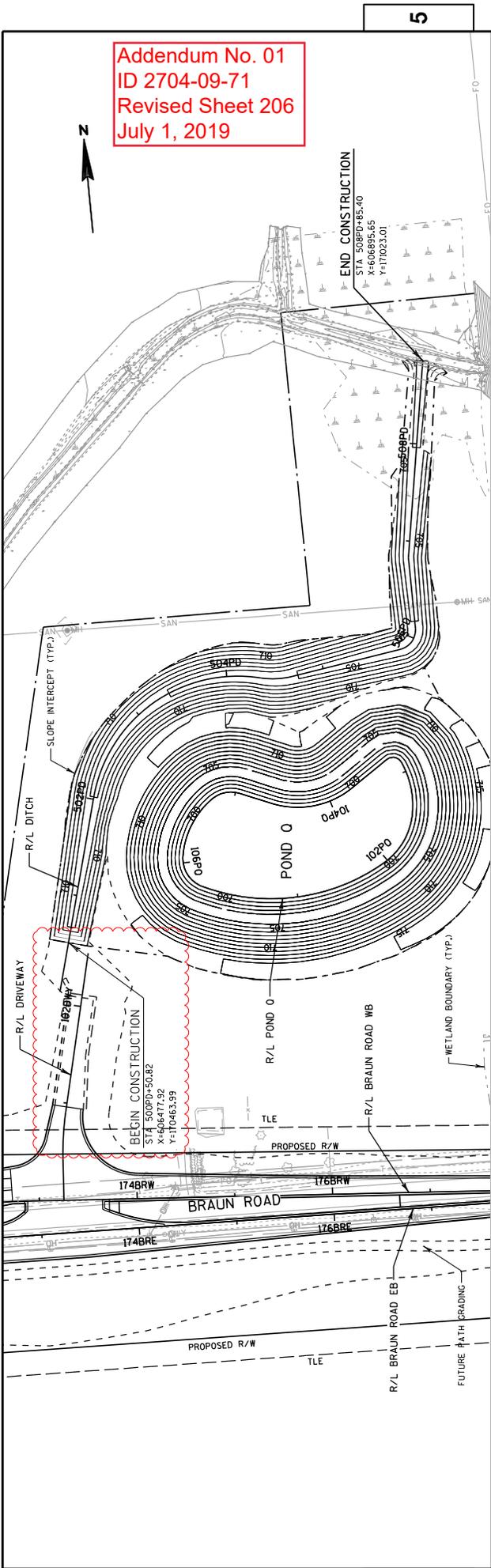
PLOT DATE: 02/27/2019 4:17:49 PM

PLOT BY: HNTB Corp

PLOT NAME: 032021\_mq3

PLOT SCALE: 1:1

Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 206  
 July 1, 2019



PROJECT NO: 2704-09-71  
 COUNTY: RACINE  
 HWY: BRAUN ROAD  
 PLAN AND PROFILE: POND DITCH  
 SHEET 206  
 E

FILE NAME : D:\pww-int-jmb.org\FWGeart\_Lakes\Documents\Modison Projects\71190 1-94 Local Roads\VE\Engineer\eng\4.3.3.Braun\4.3.5.East\W103\BMT0108\206.dwg  
 PLOT BY : jdep.es  
 PLOT SCALE : 100:1

**PROJECT ID 2704-09-71  
DIVISION 1 - BRAUN ROAD (WEST OF RAILROAD TRACKS)**

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
156+29	AH	15629.15	286	63	0	0	0	0	0
156+50		15650.00	290	38	222	39	222	39	184
157+00		15700.00	272	20	521	54	743	93	650
157+50		15750.00	233	24	468	41	1212	134	1078
158+00		15800.00	226	12	425	33	1637	168	1470
158+50		15850.00	230	33	423	41	2060	209	1851
159+00		15900.00	188	50	388	76	2448	285	2162
159+50		15950.00	179	53	340	96	2787	381	2407
160+00		16000.00	157	85	311	128	3098	509	2589
160+50		16050.00	113	146	250	214	3348	723	2625
161+00		16100.00	72	135	171	260	3520	983	2537
161+50		16150.00	61	121	124	237	3643	1220	2424
162+00		16200.00	50	119	104	222	3747	1442	2305
162+50		16250.00	47	116	90	217	3837	1658	2179
163+00		16300.00	55	106	95	205	3933	1864	2069
163+50		16350.00	89	88	134	179	4066	2043	2023
164+00		16400.00	126	76	199	152	4265	2195	2070
164+50		16450.00	142	76	248	141	4513	2337	2176
165+00		16500.00	146	74	266	139	4780	2475	2304
165+50		16550.00	127	84	252	146	5032	2621	2411
166+00		16600.00	86	103	197	173	5229	2794	2435
166+50		16650.00	36	144	113	228	5343	3022	2321
167+00		16700.00	38	133	68	256	5411	3278	2133
167+50		16750.00	36	189	68	297	5479	3575	1904
168+00		16800.00	21	295	53	448	5532	4023	1509
168+50		16850.00	29	428	47	670	5578	4693	886
169+00		16900.00	31	515	56	874	5634	5567	68
169+50		16950.00	40	521	66	960	5700	6527	-826
170+00		17000.00	154	345	180	802	5880	7329	-1449
170+50		17050.00	232	197	357	502	6237	7831	-1594
171+00		17100.00	341	94	531	270	6768	8101	-1333
171+50		17150.00	411	74	697	155	7465	8256	-791
172+00		17200.00	411	60	762	124	8226	8380	-154
172+50		17250.00	484	44	828	96	9055	8476	578
173+00		17300.00	520	0	929	41	9984	8517	1467
173+50		17350.00	572	0	1011	0	10995	8517	2478
174+00		17400.00	459	9	955	8	11949	8525	3424
174+50		17450.00	379	4	776	12	12725	8537	4189
175+00		17500.00	244	23	577	25	13303	8562	4741
175+50		17550.00	59	9	281	29	13584	8592	4993
176+00		17600.00	61	11	111	18	13695	8610	5086
176+50	BK	17650.00	60	25	112	34	13807	8644	5164
					13,807	8,644			

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**PROJECT ID 2704-09-71  
DIVISION 2A - BRAUN ROAD (EAST OF RAILROAD TRACKS)**

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
175+50	AH	0.00	109	38	0	0	0	0	0
176+00		50.00	66	52	162	83	162	83	79
176+50		50.00	52	64	109	108	271	191	80
177+00		50.00	97	127	137	177	409	368	40
177+50		50.00	73	191	158	295	566	663	-97
178+00		50.00	67	217	130	378	696	1041	-345
178+50		50.00	81	147	137	338	833	1378	-545
179+00		50.00	92	7	161	143	994	1521	-527
179+29		29.06	96	119	101	68	1095	1590	-494
179+50		20.94	81	284	69	160	1164	1750	-586
180+00		50.00	137	225	202	480	1366	2230	-864
180+50		50.00	202	104	313	305	1679	2535	-856
181+00		50.00	250	56	419	148	2098	2683	-585
181+50		50.00	268	48	480	96	2578	2779	-201
182+00		50.00	263	40	491	82	3069	2861	208
182+50		50.00	326	7	545	44	3614	2904	710
183+00		50.00	288	0	569	6	4183	2911	1273
183+50		50.00	322	0	565	0	4748	2911	1838
184+00		50.00	327	0	601	0	5349	2911	2438
184+50		50.00	314	0	593	0	5942	2911	3031
185+00		50.00	291	11	560	11	6501	2922	3580
185+50		50.00	234	30	486	38	6987	2960	4027
186+00		50.00	119	60	327	83	7314	3043	4271
186+50		50.00	142	51	242	102	7556	3145	4411
187+00		50.00	180	35	298	51	7854	3225	4629
187+50		50.00	216	20	366	56	8220	3276	4945
188+00		50.00	272	41	452	58	8672	3332	5340
188+50		50.00	438	22	658	58	9330	3390	5939
189+00		50.00	524	6	891	26	10221	3416	6805
189+50		50.00	703	0	1136	5	11357	3421	7936
190+00		50.00	767	0	1361	0	12718	3421	9297
190+50		50.00	705	0	1363	0	14081	3421	10660
191+00		50.00	795	0	1388	0	15469	3421	12048
191+50		50.00	761	4	1441	4	16910	3425	13485
192+00		50.00	627	20	1285	22	18195	3448	14748
192+50		50.00	540	40	1080	55	19275	3503	15772
193+00		50.00	542	32	1002	66	20277	3569	16709
193+50		50.00	585	14	1044	42	21321	3611	17710
194+00		50.00	615	10	1111	22	22432	3633	18799
194+50		50.00	631	1	1154	11	23586	3644	19942
195+00		50.00	703	0	1235	1	24821	3645	21175

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ID 2704-09-71  
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**PROJECT ID 2704-09-71  
DIVISION 2A - BRAUN ROAD (EAST OF RAILROAD TRACKS) - CONT.**

195+00	19500.00	50.00	703	0	1235	1	24821	3645	21175
195+50	19550.00	50.00	622	0	1227	0	26047	3645	22402
196+00	19600.00	50.00	541	8	1077	7	27124	3653	23471
196+50	19650.00	50.00	410	34	881	39	28005	3691	24314
197+00	19700.00	50.00	326	60	682	87	28687	3779	24908
197+50	19750.00	50.00	312	57	590	108	29277	3887	25390
198+00	19800.00	50.00	328	39	592	88	29869	3975	25894
198+50	19850.00	50.00	398	12	672	48	30542	4023	26519
199+00	19900.00	50.00	402	2	741	14	31283	4037	27246
199+50	19950.00	50.00	327	14	675	15	31958	4052	27906
200+00	20000.00	50.00	230	40	516	50	32474	4102	28372
200+50	20050.00	50.00	175	61	375	93	32850	4195	28654
201+00	20100.00	50.00	162	51	312	104	33162	4299	28862
201+50	20150.00	50.00	166	40	304	84	33465	4383	29082
202+00	20200.00	50.00	209	22	347	57	33812	4441	29371
202+50	20250.00	50.00	290	0	462	21	34274	4462	29812
203+00	20300.00	50.00	360	0	602	0	34876	4462	30414
203+50	20350.00	50.00	353	0	660	0	35536	4462	31074
204+00	20400.00	50.00	338	0	640	0	36176	4462	31714
204+50	20450.00	50.00	286	19	577	18	36753	4479	32274
205+00	20500.00	50.00	171	45	423	60	37176	4539	32636
205+50	20550.00	50.00	72	85	225	121	37401	4660	32741
206+00	20600.00	50.00	56	118	119	188	37520	4848	32671
206+50	20650.00	50.00	65	100	112	202	37632	5050	32582
207+00	20700.00	50.00	106	69	159	156	37791	5207	32584
207+50	20750.00	50.00	48	2	143	66	37934	5273	32661
208+00	20800.00	50.00	127	0	162	2	38096	5275	32821
						5,275			
						38,096			

Addendum No. 01  
ID 2704-09-71  
Revised Sheet 321  
July 1, 2019

**PROJECT ID 2704-09-71  
DIVISION 2A - TEMP. 90TH STREET**

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
996+58	AH	99638.25	4	0	0	0	0	0	0
997+00		99700.00	5	2	7	1	7	1	5
997+50		99750.00	6	1	10	3	17	4	13
998+00		99800.00	15	11	20	12	37	16	21
998+50		99850.00	10	5	23	15	60	31	29
999+00		99900.00	15	1	23	5	82	36	46
999+50		99950.00	25	0	37	2	119	38	82
1000+00		100000.00	27	2	48	3	167	40	127
1000+50		100050.00	27	1	50	3	217	43	174
1001+00		100100.00	62	0	82	1	299	43	255
1001+50		100150.00	109	0	158	0	457	43	413
1002+00		100200.00	114	0	207	0	663	43	620
1002+50		100250.00	78	0	178	0	841	43	798
1003+00		100300.00	41	2	110	2	952	46	906
1003+25		100325.00	36	2	36	2	987	48	939
1003+50		100350.00	16	23	24	12	1011	60	952
1003+71	BK	100371.12	34	0	20	9	1031	69	962
1004+00	AH	100400.19	33	0	0	0	1031	69	962
1004+40		100440.00	62	0	70	0	1101	69	1032
1004+50		100450.00	71	0	25	0	1126	69	1057
1005+00		100500.00	80	0	140	0	1266	69	1197
1005+50		100550.00	67	0	136	0	1402	69	1333
1006+00		100600.00	38	0	97	0	1499	69	1430
1006+04	BK	100604.23	24	0	5	0	1504	69	1435
			1,504	69					

Addendum No. 01  
ID 2704-09-71  
Revised Sheet 322  
July 1, 2019

**PROJECT ID 2704-09-71  
DIVISION 2B - BRAUN ROAD**

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
208+00	AH	0.00	127	0	0	0	0	0	0
208+50		50.00	81	0	192	0	192	0	192
209+00		50.00	128	52	193	48	385	48	338
209+33		33.38	143	43	167	59	553	106	446
209+50		16.62	146	41	89	26	642	132	510
210+00		50.00	153	23	277	59	919	191	728
210+22		22.40	175	16	136	16	1055	207	847
210+50		27.60	257	6	221	11	1275	218	1057
211+00		50.00	183	9	408	13	1683	232	1452
211+50		50.00	166	8	323	16	2007	247	1760
211+65		15.41	174	7	97	4	2104	252	1852
212+00		34.59	169	14	219	13	2323	265	2058
212+50		50.00	168	21	312	32	2635	297	2338
213+00		50.00	130	28	276	45	2911	341	2570
213+50		50.00	107	31	220	55	3131	396	2735
214+00		50.00	106	26	198	53	3329	450	2879
214+50		50.00	110	29	200	51	3529	500	3029
214+75	BK	25.00	113	30	103	27	3632	528	3104
			3,632		528				

Addendum No. 01  
ID 2704-09-71  
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July 1, 2019

Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 324  
 July 1, 2019

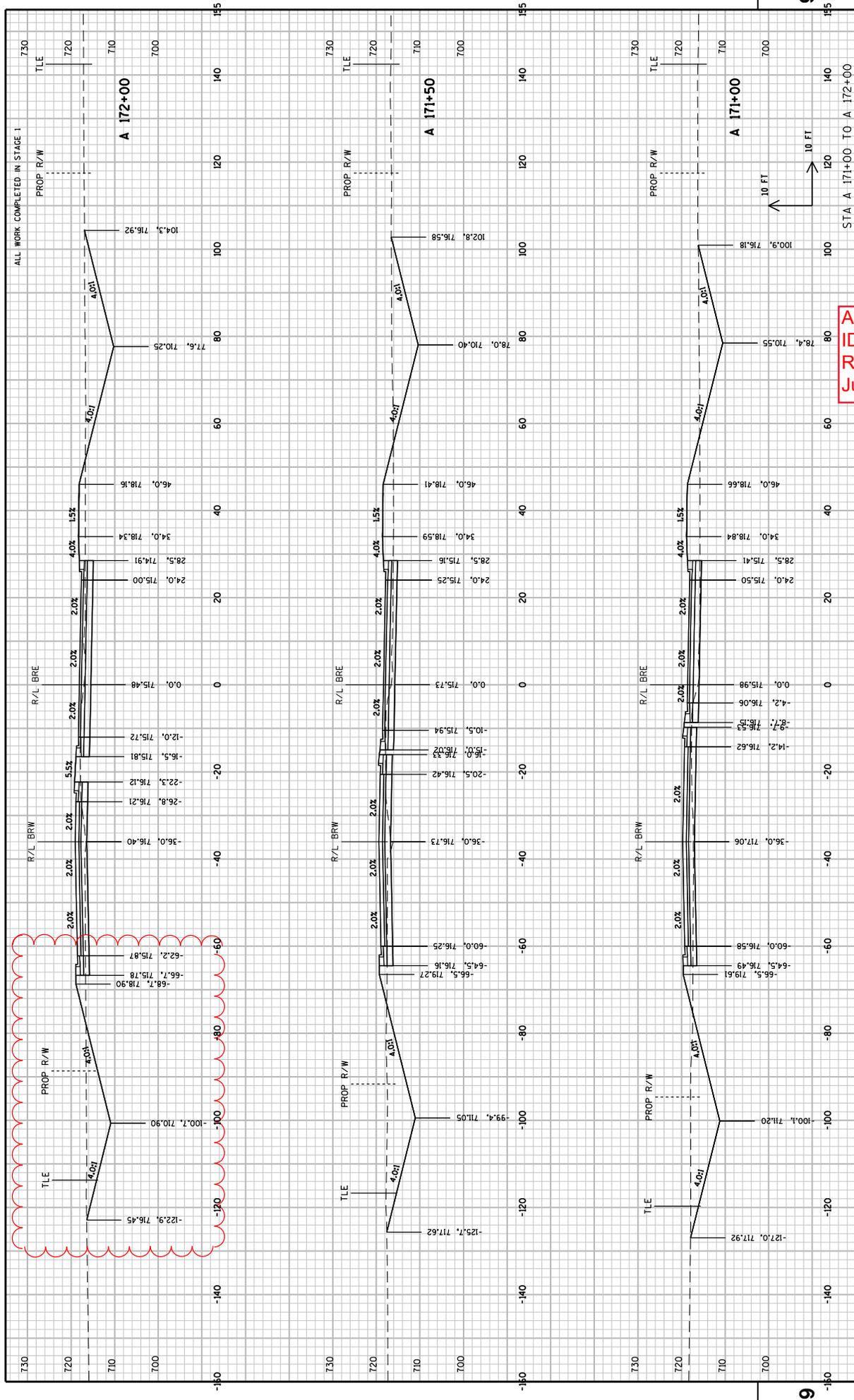
PROJECT ID: 2704-09-71  
 DIVISION 2B - 90TH STREET

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
998+75	AH	0.00	88	1	0	0	0	0	0
999+00	99900.00	25.00	101	1	1	88	1	88	87
999+50	99950.00	50.00	127	1	1	211	2	299	297
1000+00	100000.00	50.00	145	0	1	251	2	550	548
1000+50	100050.00	50.00	163	0	1	285	3	835	832
1001+00	100100.00	50.00	208	0	1	344	3	1178	1175
1001+50	100150.00	50.00	259	0	1	433	4	1611	1607
1002+00	100200.00	50.00	235	7	7	457	11	2069	2057
1002+50	100250.00	50.00	242	11	17	441	28	2510	2482
1003+00	100300.00	50.00	95	0	10	312	39	2822	2784
1003+33	BK 100333.40	33.40	91	0	0	115	39	2938	2899
1003+82	AH 100381.50	0.00	33	0	0	0	0	0	0
1004+00	100400.00	18.50	28	0	0	21	0	21	21
1004+50	100450.00	50.00	25	0	0	50	0	71	71
1005+00	100500.00	50.00	39	0	0	60	0	130	130
1005+50	BK 100550.00	50.00	44	0	0	77	0	207	207
					3,145	39			

**PROJECT ID 2704-09-71  
DIVISION 2A - 90TH STREET**

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
1003+00	AH	0.00	14	0	0	0	0	0	0
1003+33	BK	33.40	9	0	14	14	0	14	14
1003+82	AH	0.00	33	0	0	0	0	0	0
1004+00		18.50	28	0	21	21	0	21	21
1004+50		50.00	25	0	50	71	0	71	71
1005+00		50.00	39	0	60	130	0	130	130
1005+50	BK	50.00	44	0	77	207	0	207	207
					221	0			

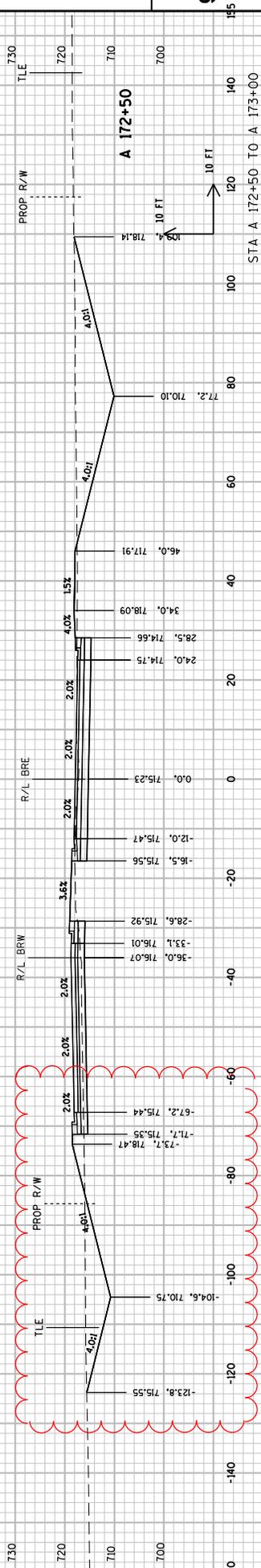
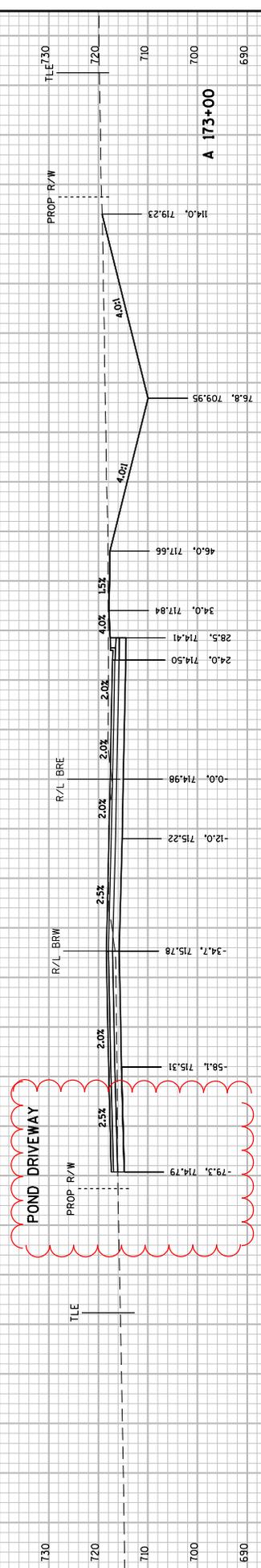
Addendum No. 01  
ID 2704-09-71  
Revised Sheet 325  
July 1, 2019



Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 337  
 July 1, 2019

Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 338  
 July 1, 2019

ALL WORK COMPLETED IN STAGE 1



PROJECT NO: 2704-09-71

CROSS SECTIONS: BRAUN ROAD

COUNTY: RACINE

HWY: BRAUN ROAD

SHEET 338

E

FILE NAME : D:\1\pwr-int\mtd\Documents\Modison\Projects\71190\_I-94\_Local\_Roads\4.Engineer\mg\4.3.Braun\4.3.5.East\PH03\B3\71099\B\_033.BPZ.090-10.PM

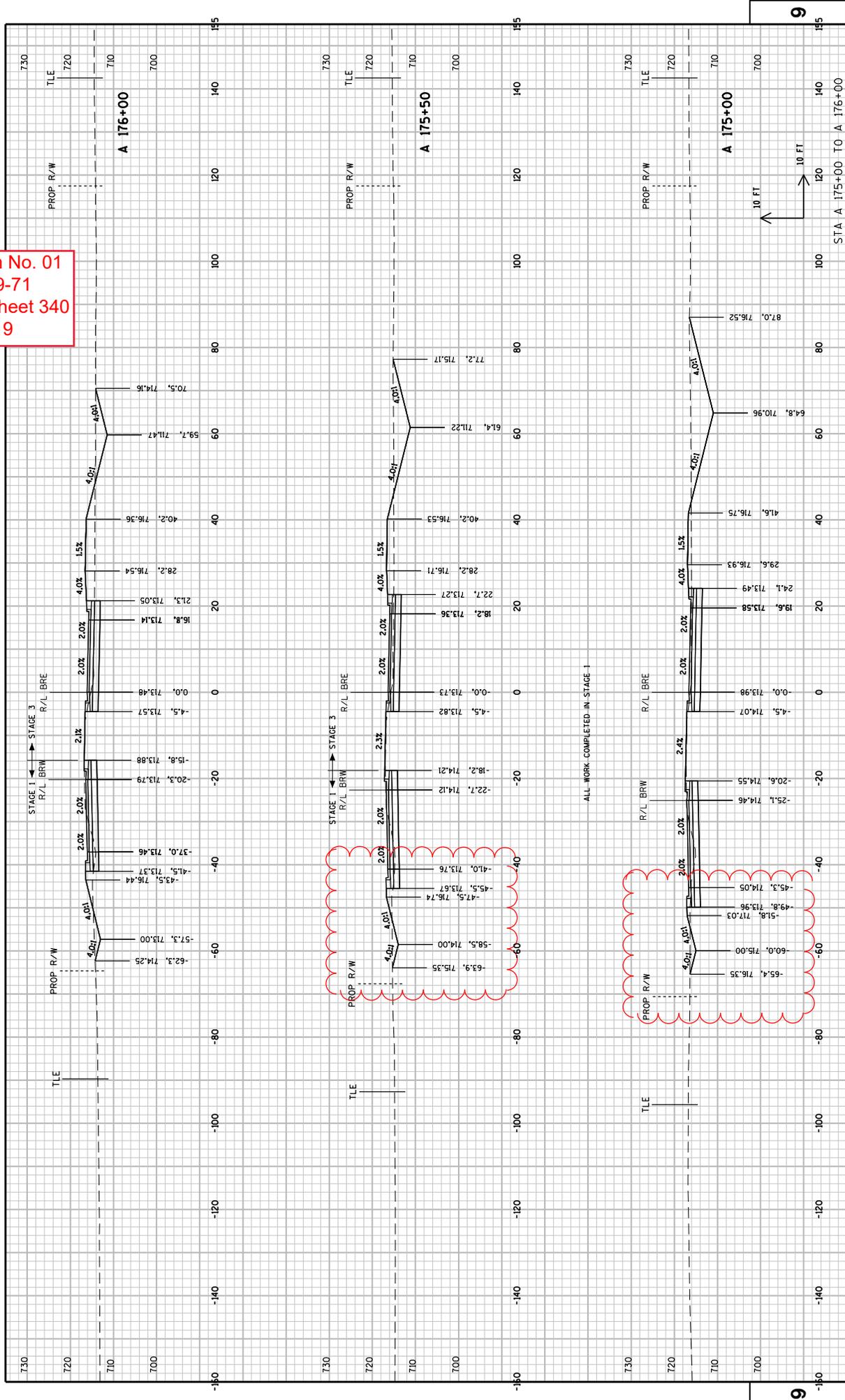
PLOT BY : aboumar

PLOT SCALE : 20:1

WSDOT/CADD SHEET 21



Addendum No. 01  
 ID 2704-09-71  
 Revised Sheet 340  
 July 1, 2019





Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	108.4400 CPM Progress Schedule	1.000 EACH	_____.	_____.
0004	201.0105 Clearing	23.000 STA	_____.	_____.
0006	201.0205 Grubbing	23.000 STA	_____.	_____.
0008	203.0100 Removing Small Pipe Culverts	15.000 EACH	_____.	_____.
0010	204.0115 Removing Asphaltic Surface Butt Joints	265.000 SY	_____.	_____.
0012	204.0150 Removing Curb & Gutter	423.000 LF	_____.	_____.
0014	204.0170 Removing Fence	42.000 LF	_____.	_____.
0016	204.0205 Removing Utility Poles	1.000 EACH	_____.	_____.
0018	204.0220 Removing Inlets	2.000 EACH	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 001. 12-Inch	102.000 LF	_____.	_____.
0022	204.9090.S Removing (item description) 001. Underdrain	300.000 LF	_____.	_____.
0024	204.9090.S Removing (item description) 002. Drain Tile	1,000.000 LF	_____.	_____.
0026	205.0100 Excavation Common	99,255.000 CY	_____.	_____.
0028	213.0100 Finishing Roadway (project) 001. 2704-09-71	1.000 EACH	_____.	_____.
0030	305.0110 Base Aggregate Dense 3/4-Inch	860.000 TON	_____.	_____.
0032	305.0120 Base Aggregate Dense 1 1/4-Inch	26,360.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	311.0110 Breaker Run	46,510.000 TON	_____.	_____.
0036	415.0100 Concrete Pavement 10-Inch	11,019.000 SY	_____.	_____.
0040	415.4100 Concrete Pavement Joint Filling	11,019.000 SY	_____.	_____.
0042	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0044	416.0160 Concrete Driveway 6-Inch	47.000 SY	_____.	_____.
0046	416.0620 Drilled Dowel Bars	58.000 EACH	_____.	_____.
0048	416.1010 Concrete Surface Drains	7.000 CY	_____.	_____.
0050	450.4000 HMA Cold Weather Paving	1,900.000 TON	_____.	_____.
0052	455.0605 Tack Coat	1,651.000 GAL	_____.	_____.
0054	460.2000 Incentive Density HMA Pavement	6,108.000 DOL	1.00000	6,108.00
0056	460.6223 HMA Pavement 3 MT 58-28 S	4,475.000 TON	_____.	_____.
0058	460.6224 HMA Pavement 4 MT 58-28 S	3,099.000 TON	_____.	_____.
0060	465.0120 Asphaltic Surface Driveways and Field Entrances	22.000 TON	_____.	_____.
0062	465.0125 Asphaltic Surface Temporary	661.000 TON	_____.	_____.
0064	495.1000.S Cold patch	300.000 TON	_____.	_____.
0066	520.1012 Apron Endwalls for Culvert Pipe 12-Inch	3.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0068	520.1015 Apron Endwalls for Culvert Pipe 15-Inch	3.000 EACH	_____.	_____.
0070	520.1024 Apron Endwalls for Culvert Pipe 24-Inch	9.000 EACH	_____.	_____.
0072	520.1036 Apron Endwalls for Culvert Pipe 36-Inch	3.000 EACH	_____.	_____.
0074	520.8000 Concrete Collars for Pipe	4.000 EACH	_____.	_____.
0076	521.1012 Apron Endwalls for Culvert Pipe Steel 12-Inch	4.000 EACH	_____.	_____.
0078	521.3115 Culvert Pipe Corrugated Steel 15-Inch	80.000 LF	_____.	_____.
0080	522.0424 Culvert Pipe Reinforced Concrete Class IV 24-Inch	80.000 LF	_____.	_____.
0082	522.0436 Culvert Pipe Reinforced Concrete Class IV 36-Inch	194.000 LF	_____.	_____.
0084	522.2424 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	163.000 LF	_____.	_____.
0086	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	2.000 EACH	_____.	_____.
0088	601.0409 Concrete Curb & Gutter 30-Inch Type A	6,092.000 LF	_____.	_____.
0090	601.0411 Concrete Curb & Gutter 30-Inch Type D	5,563.000 LF	_____.	_____.
0092	601.0555 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	700.000 LF	_____.	_____.
0094	602.0410 Concrete Sidewalk 5-Inch	11,941.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0096	602.0505 Curb Ramp Detectable Warning Field Yellow	340.000 SF	_____.	_____.
0098	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	64.000 SF	_____.	_____.
0100	606.0100 Riprap Light	3.600 CY	_____.	_____.
0102	606.0200 Riprap Medium	3.600 CY	_____.	_____.
0104	606.0300 Riprap Heavy	200.000 CY	_____.	_____.
0106	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	79.000 LF	_____.	_____.
0108	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	1,248.000 LF	_____.	_____.
0110	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	102.000 LF	_____.	_____.
0112	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	2,076.000 LF	_____.	_____.
0114	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	128.000 LF	_____.	_____.
0116	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	176.000 LF	_____.	_____.
0118	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	68.000 LF	_____.	_____.
0120	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	375.000 LF	_____.	_____.
0122	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	327.000 LF	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0124	608.2419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	73.000 LF	_____.	_____.
0126	611.0420 Reconstructing Manholes	1.000 EACH	_____.	_____.
0128	611.0535 Manhole Covers Type J-Special	6.000 EACH	_____.	_____.
0130	611.0612 Inlet Covers Type C	1.000 EACH	_____.	_____.
0132	611.0624 Inlet Covers Type H	53.000 EACH	_____.	_____.
0134	611.0627 Inlet Covers Type HM	6.000 EACH	_____.	_____.
0136	611.0639 Inlet Covers Type H-S	12.000 EACH	_____.	_____.
0138	611.0642 Inlet Covers Type MS	9.000 EACH	_____.	_____.
0140	611.2004 Manholes 4-FT Diameter	1.000 EACH	_____.	_____.
0142	611.2005 Manholes 5-FT Diameter	21.000 EACH	_____.	_____.
0144	611.2007 Manholes 7-FT Diameter	3.000 EACH	_____.	_____.
0146	611.3004 Inlets 4-FT Diameter	17.000 EACH	_____.	_____.
0148	611.3230 Inlets 2x3-FT	34.000 EACH	_____.	_____.
0150	611.3901 Inlets Median 1 Grate	1.000 EACH	_____.	_____.
0152	611.3902 Inlets Median 2 Grate	4.000 EACH	_____.	_____.
0154	611.8110 Adjusting Manhole Covers	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0156	611.8115 Adjusting Inlet Covers	1.000 EACH	_____.	_____.
0158	611.9800.S Pipe Grates	1.000 EACH	_____.	_____.
0160	612.0700 Drain Tile Exploration	1,500.000 LF	_____.	_____.
0162	616.0700.S Fence Safety	1,000.000 LF	_____.	_____.
0164	619.1000 Mobilization	1.000 EACH	_____.	_____.
0166	620.0300 Concrete Median Sloped Nose	833.000 SF	_____.	_____.
0168	623.0200 Dust Control Surface Treatment	50,790.000 SY	_____.	_____.
0170	624.0100 Water	3,743.000 MGAL	_____.	_____.
0172	628.1104 Erosion Bales	226.000 EACH	_____.	_____.
0174	628.1504 Silt Fence	4,900.000 LF	_____.	_____.
0176	628.1520 Silt Fence Maintenance	4,900.000 LF	_____.	_____.
0178	628.1905 Mobilizations Erosion Control	10.000 EACH	_____.	_____.
0180	628.1910 Mobilizations Emergency Erosion Control	8.000 EACH	_____.	_____.
0182	628.2008 Erosion Mat Urban Class I Type B	102,900.000 SY	_____.	_____.
0184	628.7005 Inlet Protection Type A	75.000 EACH	_____.	_____.
0186	628.7020 Inlet Protection Type D	74.000 EACH	_____.	_____.
0188	628.7504 Temporary Ditch Checks	770.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0190	628.7555 Culvert Pipe Checks	15.000 EACH	_____.	_____.
0192	628.7560 Tracking Pads	8.000 EACH	_____.	_____.
0194	629.0210 Fertilizer Type B	70.000 CWT	_____.	_____.
0196	630.0140 Seeding Mixture No. 40	1,860.000 LB	_____.	_____.
0198	630.0200 Seeding Temporary	2,780.000 LB	_____.	_____.
0200	633.5200 Markers Culvert End	10.000 EACH	_____.	_____.
0202	634.0618 Posts Wood 4x6-Inch X 18-FT	52.000 EACH	_____.	_____.
0204	637.2210 Signs Type II Reflective H	249.360 SF	_____.	_____.
0206	637.2230 Signs Type II Reflective F	113.190 SF	_____.	_____.
0208	638.2102 Moving Signs Type II	2.000 EACH	_____.	_____.
0210	638.2602 Removing Signs Type II	13.000 EACH	_____.	_____.
0212	638.3000 Removing Small Sign Supports	13.000 EACH	_____.	_____.
0214	643.0300 Traffic Control Drums	19,740.000 DAY	_____.	_____.
0216	643.0310.S Temporary Portable Rumble Strips	LS	LUMP SUM	_____.
0218	643.0420 Traffic Control Barricades Type III	7,980.000 DAY	_____.	_____.
0220	643.0705 Traffic Control Warning Lights Type A	15,960.000 DAY	_____.	_____.
0222	643.0715 Traffic Control Warning Lights Type C	3,500.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0224	643.0900 Traffic Control Signs	19,880.000 DAY	_____.	_____.
0226	643.0920 Traffic Control Covering Signs Type II	10.000 EACH	_____.	_____.
0228	643.1000 Traffic Control Signs Fixed Message	220.000 SF	_____.	_____.
0230	643.1050 Traffic Control Signs PCMS	280.000 DAY	_____.	_____.
0232	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0234	645.0120 Geotextile Type HR	535.000 SY	_____.	_____.
0236	645.0130 Geotextile Type R	26.000 SY	_____.	_____.
0238	645.0220 Geogrid Type SR	21,600.000 SY	_____.	_____.
0240	646.1020 Marking Line Epoxy 4-Inch	8,917.000 LF	_____.	_____.
0242	646.3020 Marking Line Epoxy 8-Inch	852.000 LF	_____.	_____.
0244	646.5020 Marking Arrow Epoxy	18.000 EACH	_____.	_____.
0246	646.5120 Marking Word Epoxy	8.000 EACH	_____.	_____.
0248	646.5320 Marking Railroad Crossings Epoxy	2.000 EACH	_____.	_____.
0250	646.6120 Marking Stop Line Epoxy 18-Inch	172.000 LF	_____.	_____.
0252	646.6220 Marking Yield Line Epoxy 18-Inch	7.000 EACH	_____.	_____.
0254	646.7120 Marking Diagonal Epoxy 12-Inch	259.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0256	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,013.000 LF	_____.	_____.
0258	646.8120 Marking Curb Epoxy	282.000 LF	_____.	_____.
0260	646.8220 Marking Island Nose Epoxy	5.000 EACH	_____.	_____.
0262	648.0100 Locating No-Passing Zones	0.420 MI	_____.	_____.
0266	649.0150 Temporary Marking Line Removable Tape 4-Inch	4,976.000 LF	_____.	_____.
0270	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	33.000 LF	_____.	_____.
0272	690.0150 Sawing Asphalt	491.000 LF	_____.	_____.
0274	690.0250 Sawing Concrete	29.000 LF	_____.	_____.
0276	715.0415 Incentive Strength Concrete Pavement	829.000 DOL	1.00000	829.00
0278	740.0440 Incentive IRI Ride	9,025.000 DOL	1.00000	9,025.00
0280	SPV.0035 Special 001. Roadway Embankment	32,670.000 CY	_____.	_____.
0282	SPV.0035 Special 002. EBS Excavation	7,200.000 CY	_____.	_____.
0284	SPV.0035 Special 003. EBS Backfill	7,200.000 CY	_____.	_____.
0286	SPV.0045 Special 001. Portable Speed Trailer	730.000 DAY	_____.	_____.
0288	SPV.0060 Special 002. Temporary Stone Ditch Checks	40.000 EACH	_____.	_____.
0290	SPV.0060 Special 003. Sand Bags	50.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0292	SPV.0060 Special 004. Temporary Sediment Traps	6.000 EACH	_____.	_____.
0294	SPV.0060 Special 005. Erosion Control Filter Bags	5.000 EACH	_____.	_____.
0296	SPV.0060 Special 006. Connect Drain Tile	10.000 EACH	_____.	_____.
0298	SPV.0060 Special 007. Pond Q Outlet Storm Sewer Structure	1.000 EACH	_____.	_____.
0300	SPV.0060 Special 008. Mobilizations Emergency Pavement Repair	10.000 EACH	_____.	_____.
0302	SPV.0060 Special 009. Storm Sewer Plug	2.000 EACH	_____.	_____.
0304	SPV.0060 Special 010. Section Corner Monuments	3.000 EACH	_____.	_____.
0306	SPV.0060 Special 011. Reconnecting Storm Sewer	1.000 EACH	_____.	_____.
0308	SPV.0075 Special 001. Pavement Cleanup Project 2704-09-71	200.000 HRS	_____.	_____.
0310	SPV.0090 Special 001. Heavy Duty Silt Fence	425.000 LF	_____.	_____.
0312	SPV.0090 Special 002. Pipe Underdrain 6-Inch Special	850.000 LF	_____.	_____.
0314	SPV.0090 Special 003. Marking Contrast Epoxy 4-Inch Special	689.000 LF	_____.	_____.
0316	SPV.0090 Special 004. Marking Contrast Epoxy 8-Inch Special	1,454.000 LF	_____.	_____.
0318	SPV.0105 Special 001. Survey Project	LS	LUMP SUM	_____.
0320	SPV.0170 Special 001. Removal and Disposal of Invasive Plant Species	5.000 STA	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190709006 Project(s): 2704-09-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0322	SPV.0180 Special 001. Topsoil Special	102,900.000 SY	_____.	_____.
<b>Section: 0001</b>			<b>Total:</b>	_____.
			<b>Total Bid:</b>	_____.