



# Wisconsin Department of Transportation

February 4, 2020

**Division of Transportation Systems Development**  
 Bureau of Project Development  
 4822 Madison Yards Way, 4<sup>th</sup> Floor South  
 Madison, WI 53705

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## NOTICE TO ALL CONTRACTORS:

<p><b>Proposal #13: 1033-02-71</b>  <b>STH 20-NS Frwy Arterial Cross St</b>  <b>CTH C TO 900' W Of International Dr</b>  <b>STH 20</b>  <b>Racine County</b></p>	<p><b>1033-02-76</b>  <b>International Drive Traffic Mitigation</b>  <b>STH 20 Limits to Int'l Dr Const</b>  <b>Loc Str</b>  <b>Racine County</b></p>
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## Letting of February 11, 2020

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

### Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
8	Utilities
17	Erosion Control
65	Optimized Aggregate Gradation Incentive, Item 715.0710
71	Roadway Embankment, Item SPV.0035.0003
76	Baseline CPM Progress Schedule, Item SPV.0060.0005; Monthly CPM Progress Schedule Updates 1033-02-71, Item SPV.0060.0006; Monthly CPM Progress Schedule Updates 1033-02-76, Item SPV.0060.0007
100	Survey Project 1033-02-71, Item SPV.0105.0001; Survey Project 1033-02-76, Item SPV.0105.0002.
110	Field Office Special, Item SPV.0135.0001

Added Special Provisions	
Article No.	Description
114	Electrical Conduit
115	Concrete Curb & Gutter HES 6-Inch Sloped 36-Inch Type A, Item SPV.0090.0005.
116	Install Camera Assembly, Item 677.0200
117	Temporary Non-Intrusive Vehicle Detection System for Intersections, IH-94 West Frontage Rd & CTH C/Spring St, Item SPV.0105.3022. IH-94 East Frontage Rd & CTH C/Spring St, Item SPV.0105.3023.
118	Temporary Traffic Signal for Intersections IH-94 West Frontage Rd & CTH C/Spring St, Item 661.0200.3006. Temporary Traffic Signal for Intersections IH-94 East Frontage Rd & CTH C/Spring St, Item 661.0200.3007.

Deleted Special Provisions	
Article No.	Description
12	Force Account

**Schedule of Items:**

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Propo al Total
205.0100	Excavation Common	CY	135,980	1,594	137,574
415.0095	Concrete Pavement 9 1/2-Inch	SY	17,498	169	17,667
415.0210	Concrete Pavement Gaps	EA	18	1	19
415.1095	Concrete Pavement HES 9 1/2-Inch	SY	1,950	39	1,989
601.0555	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	LF	26,193	-1,327	24,866
625.0500	Salvaged Topsoil	SY	88,420	5,994	94,414
628.2004	Erosion Mat Class I Type B	SY	88,613	5,801	94,414
628.7504	Temporary Ditch Check	LF	658	79	737
629.0210	Fertilizer Type B	CWT	70	5	75
630.0120	Seeding Mix No. 20	LB	2,396	158	2,554
630.0200	Seeding Temporary	LB	1,205	79	1,284
630.0500	Seed Water	MGA L	1,004	65	1,069
634.0618	Posts Wood 4x6-Inch x 18-FT	EA	329	52	381
637.2210	Signs Type II Reflective H	SF	3,133.71	108.88	3,242.59
637.2215	Signs Type II Reflective H Folding	SF	427.92	41.44	469.36
637.2230	Signs Type II Reflective F	SF	288.5	252	540.5
638.2102	Moving Signs Type II	EA	47	5	52
638.2602	Removing Signs Type II	EA	254	40	294
638.3000	Removing Small Sign Supports	EA	265	40	305
643.0300	Traffic Control Drums	DAY	314,402	1,479	315,881
643.0900	Traffic Control Signs	DAY	80,602	6,231	86,833
643.1000	Traffic Control Signs Fixed Message	SF	192	541	733
649.0120	Temporary Marking Line Epoxy 4-Inch	LF	182,117	204	182,321
SPV.0035.0001	EBS Excavation	CY	27,202	321	27,523
SPV.0035.0002	EBS Backfill	CY	27,202	321	27,523
SPV.0035.0003	Roadway Embankment	CY	22,863	105	22,968
SPV.0195.0002	Subgrade Strengthening Treatment	TON	1,552	-3	1,549

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
305.0110	Base Aggregate Dense 3/4-Inch	TON	0	954	954
305.0120	Base Aggregate Dense 1 1/4-Inch	TON	0	62,086	62,086
312.0110	Select Crushed Material	TON	0	109,418	109,418
643.0920	Traffic Control Covering Signs Type II	DAY	0	120	120
661.0200.3006	Temporary Traffic Signals for Intersections IH-94 West Frontage Rd & CTH C/Spring St	LS	0	1	1
661.0200.3007	Temporary Traffic Signals for Intersections IH-94 East Frontage Rd & CTH C/Spring St	LS	0	1	1
677.0200	Install Camera Assembly	EA	0	2	2
SPV.0090.0005	Concrete Curb & Gutter HES 6-Inch Sloped 36-Inch Type A	LF	0	1,327	1,327

SPV.0105.3022	Temporary Non-Intrusive Vehicle Detection System IH-94 West Frontage Rd & CTH C/Spring St	LS	0	1	1
SPV.0105.3023	Temporary Non-Intrusive Vehicle Detection System IH-94 East Frontage Rd & CTH C/Spring St	LS	0	1	1

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
305.0115	Base Aggregate Dense 3/4-Inch	CY	460	-460	0
305.0125	Base Aggregate Dense 1 1/4-Inch	CY	31,245	-31,245	0
312.0115	Select Crushed Material	CY	57,874	-57,874	0
620.0100	Concrete Corrugated Median	SF	1,698	-1,698	0
643.1051	Traffic Control Signs PCMS With Cellular Communications	DAY	2,244	-2,244	0
646.8020	Marking Corrugated Median Epoxy	SF	660	-660	0

**Plan Sheets:**

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
4	Added general note regarding concrete pavement joint spacing
52	Revised monolithic shimming detail
62-70	Revised plans to show all overhead sign supports correctly
85	Removed concrete corrugated median
106	Removed concrete corrugated median
153-154	Revised erosion control to address temporary pavement construction
309	Removed concrete corrugated median pavement marking
312	Removed concrete corrugated median pavement marking
355-356	Revised staging notes
360	Revised staging notes
362	Revised staging notes
373	Revised driveway access and staging notes
381-383	Revised driveway access and staging notes
388	Revised staging notes
392	Revised driveway access and staging notes
455	Revised earthwork quantities
456-457	Revised aggregate quantities from CY to TON
458-460	Removed concrete corrugated median quantity
463	Revised pavement gap quantity
464-466	Added high early strength curb and gutter item
479-481	Revised erosion control quantities
482-483	Revised restoration quantities
485	Removed concrete corrugated median pavement marking quantity

487	Revised traffic control covering signs quantity
488-489	Revised traffic control quantities
490	Revised PCMS quantities
491-492	Revised temporary marking quantities
599-600	Added wetland boundaries
609	Added wetland boundaries
855-858	Revised earthwork data
863-866	Revised earthwork data
870-874	Revised earthwork data
925-929	Revised cross sections to remove temporary pavement
977-980	Revised cross sections to show temporary pavement

<b>Added Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
61A	Added a signing detail to be used at CTH C temp signal locations
198A-198J	Added signing plan for temp signals at CTH C (WFR & EFR)
198K-198T	Added signing plan to revert to all-way stop at CTH C (WFR & EFR)
212A	Added CCTV Mounting Detail for temp signals at CTH C (WFR & EFR)
295A-295C	Temp signal plans at CTH C & WFR
295D-295F	Temp signal plans at CTH C & EFR
325A	Added local business access signs
490A	Added traffic control fixed message sign quantities
521A	Added signing plan quantities for temp signals at CTH C (WFR & EFR)
521B	Added signing plan quantities to revert to all-way stop at CTH C (WFR & EFR)
558A	Added temp signal plans at CTH C & WFR
558B	Added temp signal plans at CTH C & EFR
762A	Added fixed message sign details
867A	Revised earthwork data
874A	Revised earthwork data
929A-929B	Revised cross sections to remove temporary pavement
976A-976D	Revised cross sections to show temporary pavement

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**

**1033-02-71/76**

**February 4, 2020**

### **Special Provisions**

#### **3. 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.

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.

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

Be advised that there may be multiple mobilizations and/or remobilizations to complete construction operations, for example such items as: grading, concrete pavement, traffic control, signing, temporary and permanent pavement marking, finishing items and other incidental items. No additional payment will be made, by the department, for additional mobilizations.

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

Anticipate cold weather during spring and winter for concrete masonry, asphalt paving, concrete paving and ancillary concrete work, (curb, median barrier, 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.

Anticipate frozen grade/subgrade. Rework, heat, blanket, cover, compact, remove/replace such that the grade/subgrade is not frozen prior to constructing and backfilling storm sewer and culvert pipes. Technique to mitigate frozen grade/subgrade shall be approved by the engineer. Cost to mitigate frozen grade/subgrade is considered incidental to the applicable items of work.

After written notice to proceed, and prior to Final Acceptance of the work, assist with maintenance of existing roadways as specified in standard spec 104.6.1. This assistance may include performance of work covered under pay items or accommodating local repair forces within the work zones. Maintain all newly constructed work as specified in standard spec 104.6.1.

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.

#### **CPM Progress Schedule**

Refer to the Baseline CPM Progress Schedule items elsewhere in these special provisions.

#### **Schedule of Operations**

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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. Do not begin work prior to April 1, 2020 unless approved by the engineer. Staging sequencing shall be done in the order shown below unless approved by the engineer. Any overlap in staging must be approved by the engineer.

### **Stage 1A**

#### **Construction**

- Place variable depth overlay on eastbound STH 20 outside shoulder.
- Mill and overlay International Drive.
- Construct temporary pavement widening on:
  - STH 20 eastbound outside shoulder
  - West Frontage Road
- Remove islands and construct temporary asphalt on:
  - STH 20 EB
  - Ramp SE
  - East Frontage Road
- Construct temporary signals at:
  - Ramp SW/ Ramp NW/ STH 20 intersection
  - Ramp SE/ Ramp NE/ STH 20 intersection
  - West Frontage Road/ STH 20 intersection
  - East Frontage Road/ STH 20 intersection

#### **Traffic**

- STH 20 eastbound – Existing lanes open. Utilize nighttime outside lane closure to facilitate construction.
- STH 20 westbound – Existing lanes open.
- Ramp SW – Existing lanes open. Utilize nighttime ramp closure to facilitate construction.
- Ramp NW – Existing lanes open.
- Ramp SE – Existing lanes open. Utilize nighttime ramp closure to facilitate construction.
- Ramp NE – Existing lanes open.
- West Frontage Road – Existing lanes open. Utilize southbound nighttime outside lane closure North of STH 20 to facilitate construction. Utilize southbound nighttime outside lane closure South of STH 20 to facilitate construction. Southbound road closure South of STH 20 may be necessary.
- East Frontage Road – Existing lanes open. Utilize nighttime inside lane closures to facilitate construction.
- International Drive – Existing lanes open. Utilize nighttime lane closure to facilitate construction.

### **Stage 1B**

#### **Construction**

- Construct STH 20 crossovers (west end).
  - Construct STH 20 crossovers (east end).
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- Construct temporary pavement widening on STH 20 eastbound inside shoulder.
- Remove median island and construct temporary asphalt on West Frontage Road.

#### **Traffic**

- STH 20 eastbound – Two lanes open on STH 20 eastbound existing pavement and temporary widening. Utilize nighttime inside lane closure to facilitate construction.
- STH 20 westbound – Existing lanes open.
- Ramp SW – Existing lanes open.
- Ramp NW – Existing lanes open.
- Ramp SE – Existing lanes open.
- Ramp NE – Existing lanes open.
- West Frontage Road – Existing lanes open. Utilize nighttime inside lane closures to facilitate construction. Road closures may be necessary.
- East Frontage Road – Existing lanes open.
- International Drive – All lanes open.

#### **Stage 2A**

##### **Construction**

- Begin construction of STH 20 westbound lanes and temporary pavement
- Begin construction of Ramp SW
- Construct Ramp NW right turn lane and outside shoulders.
- Construct IH 94 southbound and Ramp NW ramp gore.
- Begin construction of Ramp SE right turn lane.
- Begin construction of Ramp NE.
- Construct West Frontage Road northbound lanes, temporary pavement and storm sewer trunk line.
- Construct East Frontage Road northbound lanes, temporary pavement and storm sewer trunk line.
- Begin construction of north Red Cloud Drive.

##### **Traffic**

- STH 20 eastbound – Two lanes open on STH 20 eastbound existing pavement and temporary widening. Utilize nighttime lane closures to facilitate construction.
  - STH 20 westbound – Two lanes open on STH 20 eastbound existing pavement and temporary widening. Utilize nighttime lane closures to facilitate construction.
  - Ramp SW – Closed to traffic.
  - Ramp NW – One lane open. Utilize nighttime ramp closure to facilitate construction.
  - IH 94 southbound – All lanes open. Utilize nighttime lane and shoulder closures to facilitate construction.
  - Ramp SE – One lane open. Utilize nighttime ramp closure to facilitate construction.
  - Ramp NE – Closed to traffic.
  - West Frontage Road – One lane open in each direction. Traffic pushed to west edge.
  - East Frontage Road – One lane open in each direction. Traffic pushed to west edge.
  - Red Cloud Drive – Closed to traffic.
  - International Drive – All lanes open.
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## **Stage 2B**

### **Construction**

- Continue construction of STH 20 westbound lanes and temporary pavement.
- Continue construction of Ramp SW.
- Begin construction of Ramp NW left turn lanes and inside shoulder.
- Continue construction of Ramp SE right turn lane.
- Continue construction of Ramp NE.
- Construct West Frontage Road median pavement gaps.
- Construct East Frontage Road median pavement gaps.
- Continue construction of north Red Cloud Drive.

### **Traffic**

- STH 20 eastbound – Two lanes open on STH 20 eastbound existing pavement and temporary widening.
- STH 20 westbound – Two lanes open on STH 20 eastbound existing pavement and temporary widening.
- Ramp SW – Closed to traffic.
- Ramp NW – One lane open.
- Ramp SE – One lane open.
- Ramp NE – Closed to traffic.
- West Frontage Road – One lane open in each direction. Traffic split to outsides.
- East Frontage Road – One lane open in each direction. Traffic split to outsides.
- Red Cloud Drive – Closed to traffic.
- International Drive – All lanes open.

## **Stage 2C**

### **Construction**

- Complete construction of STH 20 westbound lanes and temporary pavement.
- Continue construction of Ramp SW.
- Continue construction of Ramp NW left turn lanes and inside shoulder.
- Continue construction of Ramp SE right turn lane and temporary pavement.
- Continue construction of Ramp NE.
- Construct West Frontage Road portions of southbound pavement.
- Construct East Frontage Road portions of southbound pavement.
- Complete construction of north Red Cloud Drive.

### **Traffic**

- STH 20 eastbound – Two lanes open on STH 20 eastbound existing pavement and temporary widening.
  - STH 20 westbound – Two lanes open on STH 20 eastbound existing pavement and temporary widening.
  - Ramp SW – Closed to traffic.
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- Ramp NW – One lane open.
- Ramp SE – One lane open.
- Ramp NE – Closed to traffic.
- West Frontage Road – One lane open in each direction. Traffic pushed to east edge.
- East Frontage Road – One lane open in each direction. Traffic pushed to east edge.
- Red Cloud Drive – Closed to traffic.
- International Drive – All lanes open.

### **Stage 3A**

#### **Construction**

- Begin construction of STH 20 eastbound lanes.
- Continue construction of Ramp SW.
- Continue construction of Ramp NW left turn lanes and inside shoulder.
- Construct Ramp SE left turn lanes.
- Continue construction of Ramp NE.
- Construct West Frontage Road southbound lanes and temporary pavement.
- Construct East Frontage Road southbound lanes and temporary pavement.
- Begin construction of south Red Cloud Drive.
- Construct the traffic signals at Renaissance Drive and STH 20.

#### **Traffic**

- STH 20 eastbound – Two lanes open on STH 20 westbound new pavement and temporary pavement.
- STH 20 westbound – Two lanes open on STH 20 westbound new pavement and temporary pavement.
- Ramp SW – all lanes closed
- Ramp NW – one lane open
- Ramp SE – one lane open
- Ramp NE – all lanes closed
- West Frontage Road – One lane open in each direction. Traffic pushed to east edge.
- East Frontage Road – One lane open in each direction. Traffic pushed to east edge.
- Red Cloud Drive – Closed to traffic.
- International Drive – All lanes open.

### **Stage 3B**

#### **Construction**

- Continue construction of STH 20 eastbound lanes.
- Continue construction of Ramp SW.
- Continue construction of Ramp NW left turn lanes and inside shoulder.
- Continue construction of Ramp NE.
- Construct West Frontage Road median pavement gaps.
- Construct East Frontage Road median pavement gaps.
- Continue construction of south Red Cloud Drive

#### **Traffic**

- STH 20 eastbound – Two lanes open on STH 20 westbound new pavement and temporary pavement.
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- STH 20 westbound – Two lanes open on STH 20 westbound new pavement and temporary pavement.
- Ramp SW – all lanes closed
- Ramp NW – one lane open
- Ramp SE – one lane open
- Ramp NE – all lanes closed
- West Frontage Road – One lane open in each direction. Traffic split to outsides.
- East Frontage Road – One lane open in each direction. Traffic split to outsides.
- Red Cloud Drive – Closed to traffic.
- International Drive – All lanes open.

### **Stage 3C**

#### **Construction**

- Complete construction of STH 20 eastbound lanes.
- Complete construction of Ramp SW.
- Complete construction of Ramp NW left turn lanes and inside shoulder.
- Complete construction of Ramp NE.
- Complete construction of south Red Cloud Drive.

#### **Traffic**

- STH 20 eastbound – Two lanes open on STH 20 westbound new pavement and temporary pavement.
- STH 20 westbound – Two lanes open on STH 20 westbound new pavement and temporary pavement.
- Ramp SW – all lanes closed
- Ramp NW – one lane open
- Ramp SE – one lane open
- Ramp NE – all lanes closed
- West Frontage Road – One lane open in each direction. Traffic pushed to west edge.
- East Frontage Road – One lane open in each direction. Traffic pushed to west edge.
- Red Cloud Drive – Closed to traffic.
- International Drive – All lanes open.

### **Stage 4A**

#### **Construction**

- Remove STH 20 crossovers, median temporary asphalt and construct median curb and gutter
- Remove West Frontage Road north temporary asphalt and construct remaining median island
- Remove East Frontage Road temporary asphalt and construct remaining median island

#### **Traffic**

- STH 20 eastbound – Two lanes open on STH 20 eastbound new pavement. Utilize nighttime lane closures to facilitate construction.
  - STH 20 westbound – Two lanes open on STH 20 westbound new pavement. Utilize nighttime lane closures to facilitate construction.
  - Ramp SW – All lanes open.
  - Ramp NW – One left turn lane and one right turn lane open.
  - Ramp SE – All lanes open.
  - Ramp NE – All lanes open.
  - West Frontage Road – All lanes open. Utilize nighttime inside lane closure to facilitate construction.
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- East Frontage Road – All lanes open. Utilize nighttime inside lane closure to facilitate construction.
- Red Cloud Drive – All lanes open.
- International Drive – All lanes open.

#### **Stage 4B**

##### **Construction**

- Remove STH 20 outside temporary asphalt and construct remaining porkchop islands

##### **Traffic**

- STH 20 eastbound – Two lanes open on STH 20 eastbound new pavement. Utilize nighttime outside lane closures to facilitate construction.
- STH 20 westbound – Two lanes open on STH 20 westbound new pavement. Utilize nighttime outside lane closures to facilitate construction.
- Ramp SW – All lanes open.
- Ramp NW – All lanes open.
- Ramp SE – All lanes open.
- Ramp NE – All lanes open.
- West Frontage Road – All lanes open.
- East Frontage Road – All lanes open.
- Red Cloud – All lanes open.
- International Drive – All lanes open.

##### **Advance Notification**

Notify the engineer if there are any changes in the schedule, early completions, or cancellations of scheduled work. Coordinate the locations of messages of portable changeable message sign with the engineer and WisDOT TMC. Notify the engineer of proposed changes for alternate routes and detours and provide a revised signing plan for the review by and approval of the engineer.

##### **Ramp Closures**

Obtain prior acceptance from the engineer for Ramp Closures. All temporary entrance and exit ramp closures shall be posted three business days in advance of their closure with dates and time of closure. Temporary ramp closures are only allowed during Night Time Hours. Long-term ramp closures shown on the traffic control plans shall be posted ten business days in advance of their closure with dates and time of closure. Place a portable changeable message sign before the previous open entrance or exit ramp to advise traffic about the closure of the specific entrance or exit ramp. The contractor will incur a Lane Rental Fee Assessment according to the Lane Rental Fee Assessment article for each lane closure outside the allowable lane closure hours as noted in this article.

##### **Portable Changeable Message Signs**

Obtain acceptance from the engineer regarding the wording of all messages on portable changeable message signs prior to placing the message.

##### **Winter Maintenance**

Racine County will perform snow removal operations for freeway, ramp, STH 20, International Drive and frontage road lanes that are open to traffic. Provide for snow removal in those areas closed to traffic as required to facilitate safe construction operations and stage changes as required to eliminate snow melt run-off from crossing active roadways. Provide Racine County Highway Maintenance and Racine County Sheriff's Department with a 24-hour emergency contact number for when maintenance is required.

##### **Roadway Work Restrictions**

##### **Definitions**

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The following definitions apply to this contract for IH 94 NB, IH 94 SB, Ramp SE (northbound Exit), Ramp NE (northbound Entrance), Ramp NW (southbound Exit), Ramp SW (southbound Entrance), STH 20, Galaxy Drive, International Drive, Renaissance Boulevard, the East Frontage Road and the West Frontage Road work restrictions:

**Weekday Peak Hours**

- 5:30 AM – 9:00 PM Monday, Tuesday, Wednesday, Thursday, Friday

**Weekend Peak Hours**

- 8:00 AM – 9:00 PM Saturday, Sunday

**Night Time Hours**

- 9:00 PM – 5:30 AM the following day Sunday, Monday, Tuesday, Wednesday, Thursday
- 9:00 PM – 8:00 AM the following day Friday, Saturday

**Full STH 20 or Frontage Road Closure Hours**

- 11:00 PM – 4:30 AM

**Full Ramp or International Drive Closure Hours**

- 9:00 PM – 5:30 AM

**Rolling Closure**

Short term freeway mainline rolling closures may be allowed for a maximum of 15 minutes for the removal and erection of sign structures, the removal and erection of temporary traffic signals, equipment moves across the road, or other required work as determined by the engineer. The department will allow short term rolling closures only between 2:00 AM and 4:00 AM, and they may only be performed by freeway law enforcement.

Obtain approval from the engineer before coordinating these closures with freeway law enforcement. Coordinate 14 calendar days in advance of closure. Present the scheduled time for the short term rolling closure at the weekly traffic meeting a minimum of one week prior to the closure. SEF Rev. 14\_1212

**Work Restrictions**

Do not close traffic lanes or shoulders on IH 94 NB, IH 94 SB, Ramp SE (northbound Exit), Ramp NE (northbound Entrance), Ramp NW (southbound Exit), Ramp SW (southbound Entrance), STH 20, International Drive, Renaissance Boulevard, the East Frontage Road, the West Frontage Road, Greenmonte Drive, and Red Cloud Drive and ensure that the roadway traffic lanes are entirely clear to traffic during Weekday Peak Hours and Weekend Peak Hours, except as shown in the traffic control plans.

Restrict work on open freeway roads and ramps to working in closed shoulders or closed lanes as allowed by the plans or engineer. Access into the work zones from the freeway roads will be allowed during Night Time hours, subject to approval by the engineer, if operations can be safely accomplished and do not result in non-construction traffic entering the work zones. Access from ramps will be allowed as shown in the plans or as modified with written approval from the engineer. Exiting the work zones directly onto freeway roads will be allowed only when operations do not obstruct or slow traffic on the freeway.

The duration of the work along IH 94 southbound at the Ramp NW gore is not to exceed seven consecutive calendar days.

The duration of the International Drive Mill and Overlay work is not to exceed seven consecutive calendar days.

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Greenmonte Drive will be allowed to be closed at the project limits during Stage 2 for a maximum of 21 consecutive days to allow for the connection to STH 20 to be constructed.

The Spokes Circle connection to STH 20 will be allowed to be closed for construction for a maximum of 14 consecutive days during Stage 3A. While the Spokes Circle connection to STH 20 is being built, the Spokes Circle connection to the West Frontage Road must remain open. Upon completion and reopening of the connection to STH 20, the Spokes Circle connection to the West Frontage Road can be closed for construction for a maximum of 14 consecutive days. Prior to the construction of the Spokes Circle connections and upon completion of the Spokes Circle connections, access to Spokes circle from both STH 20 and the West Frontage Road must be maintained.

The Galaxy Drive connection to STH 20 must be maintained during Stage 3. Galaxy Drive will need to be constructed in halves to maintain access in both directions by using paving gaps. Galaxy Drive must be completed in a maximum of 14 consecutive days.

A maximum of 15 full STH 20 closures will be allowed within the full closure hours from 11:00 PM – 4:30 AM throughout the length of the contract. A maximum of 8 full West Frontage Road closures will be allowed. A maximum of 8 full East Frontage Road closures will be allowed. A full closure of STH 20, the West Frontage Road, or the East Frontage Road may not take place on the same night. No full freeway closures will be allowed unless approved by the engineer. No full closures of any roadways will be allowed from noon Friday, July 10, 2020 to 6:00 AM Monday, July 20, 2020.

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

Access to businesses must be maintained during full closures for businesses that maintain business hours during this time.

Provide access to residential driveways at all times.

Follow the traffic control plans for closures. Lane restrictions beyond that shown on the traffic control plans must be approved by the engineer. If plan details are not provided in the traffic control plan, furnish plans for review by the engineer for approval. Once approved, allow at least five business days prior to the closure of roadway as identified in the Traffic article.

Do not, at any time, conduct construction operations in the median area and adjacent outside shoulder area of the roadway at the same time without obtaining prior permission of the engineer, beyond that shown on the traffic control plans.

Do not begin or continue any work that closes traffic lanes outside the allowed time periods specified in this contract.

Permitting the contractor to continue and finish the work or any part of it after the time fixed for its completion, or after the date to which the time for completion may have been extended, will in no way operate as a waiver on the part of the department of any of its rights under the contract.

Comply with all local ordinances that apply to 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 3 days before performing this work.

Obtain acceptance from the engineer regarding the wording of all messages on portable changeable message signs prior to placing the message.

### **Interim and Final Completion of Work**

*Supplement standard spec 108.10 with the following:*

The department will not grant time extensions for the following:

1. Severe weather as specified in standard spec 108.10.2.2.
  2. Labor disputes that are not industry wide.
  3. Delays in material deliveries.
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sef-108-015 (20171004)

**Interim Completion of Work International Drive Mill and Overlay**

If the contractor fails to complete all pavement mill and overlay work along International Drive as shown in Stage 1A to restore traffic in its permanent configuration prior to 12:01 AM on May 1, 2020, the department will assess the contractor \$2,000 in interim liquidated damages per day for each calendar day after 12:01 AM on May 1, 2020, that all International Drive work is not complete. An entire calendar day will be charged for any period of time within a calendar day that the work is not complete beyond 12:01 AM, on May 1, 2020.

**Interim Completion of Work IH 94 southbound and Ramp NW Ramp Gore**

If the contractor fails to complete all work along IH 94 southbound at the Ramp NW gore (including mainline removals, mainline shoulder pavement, mainline barrier, crash cushion, signing, pavement marking, restoration and associated work) as shown in Stage 2B to complete all necessary IH 94 lane and shoulder closures prior to 12:01 AM on June 15, 2020, the department will assess the contractor \$3,500 in interim liquidated damages per day for each calendar day after 12:01 AM on June 15, 2020, that all IH 94 southbound at the Ramp northbound gore work is not complete. An entire calendar day will be charged for any period of time within a calendar day that the work is not complete beyond 12:01 AM, on June 15, 2020.

**Interim Completion of Work Complete Stage 3 and Re-Open Entrance Ramps**

If the contractor fails to complete all work (including restoration/landscaping) as shown in the plans from Stage 1A to Stage 3C and to open the northbound Entrance Ramp and southbound Entrance Ramp to traffic in its permanent configuration prior to 12:01 AM on October 30, 2020, the department will assess the contractor \$5,000 in interim liquidated damages per day for each calendar day after 12:01 AM on October 30, 2020, that this work is not complete. An entire calendar day will be charged for any period of time within a calendar day that the ramps remain closed beyond 12:01 AM, on October 30, 2020.

**Enhance Liquidated Damages – Final Completion**

*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.

**8. Utilities.**

*Replace entire article language with the following:*

The portion of this contract under Project 1033-02-71 (STH 20 Arterial Cross Street) comes under the provisions of Administrative Rule TRANS 220. The portion of this contract under Project 1033-02-76 (International Drive Traffic Mitigation) does not come under the provisions of Administrative Rule TRANS 220.

Additional information regarding recently relocated utility facilities may be available on permits issued to the utility companies. Permits for IH 94, STH 20, West Frontage Road, and East Frontage Road 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. Permits for International Drive can be viewed at the Village of Mount Pleasant during normal working hours. Contact Mount Pleasant Public Works Highway Manager Mark Benish at (262) 664-7844 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.

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Some utility work, as described below, is dependent on 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.

Utility working days shown herein are as defined in Wisconsin Administrative Code Chapter Trans 220.

Known utilities in the project area are as follows:

#### **Project 1033-02-71 (STH 20 Crossroad)**

**AT&T Legacy (aka. AT&T Corporation)** has an existing underground communications duct package within the project limits, consisting of 6 ducts owned by AT&T Legacy bundled with 3 ducts owned by Level 3 Communications, beginning beyond the southerly project limits and running northerly along a line 8' easterly of and parallel to the westerly IH 94 right of way to Station 292+58, 184'RT where it turns and runs northwesterly, crossing STH 20 at Station 291+47, and continues northwesterly to Station 291+13, 64'LT. From there the duct package continues northerly along a line 7' easterly of and parallel to the westerly IH 94 right of way to beyond the project limits. This duct package will remain in place without adjustment.

AT&T Legacy also has a discontinued underground communications duct package bundled with a discontinued Level 3 Communications duct package within the project limits beginning beyond the southerly project limits and running northerly along the westerly fence line of IH 94, crossing STH 20 at Station 292+82, and continuing northerly along the westerly fence line to beyond the project limits.

The AT&T Legacy contact is Ken Nine (574-842-8830 office/ 574-904-6336 cell) of JMC Engineers & Associates, Inc.

**AT&T Local Network (aka. Teleport Communications of America)** has existing underground communications facilities within the project limits in the following locations:

- An existing underground communications line beginning at a vault adjacent to the previously described AT&T Legacy duct package on the west side of the Northwest Ramp at Station 865+91, 235'LT and running southerly, crossing STH 20 at Station 291+42, and continuing southerly to Station 291+85, 113'RT where it turns and runs southeasterly to Station 293+56, 80'RT. From there it continues southeasterly, crossing IH-94 at Station 861+49, and continues southeasterly to Station 298+35, 98'RT where it turns and runs easterly to Station 298+55, 89'RT and then turns and runs southeasterly along the southwesterly STH 20 right of way, crossing the East Frontage Road at Station 3858+00, and continuing southeasterly to a vault at Station 303+69, 96'RT. From there the line continues southeasterly along the right of way, crossing Galaxy Drive, and continuing southeasterly to Station 318+56, 133'RT where it turns and continues southeasterly, crossing Red Cloud Drive at Station 270RC+10, then continues southeasterly along a line approximately 16'
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- northeasterly of and parallel to the southwesterly STH 20 right of way to beyond the project limits. AT&T Local Network will relocate portions of this line as noted below.
- An existing underground communications line beginning beyond the westerly project limits at the intersection of STH 20 and Renaissance Boulevard and running easterly along the northerly STH 20 right of way, crossing Renaissance Boulevard, and continuing easterly along the northerly STH 20 right of way to beyond the project limits. This line will remain in place without adjustment.

Prior to and during construction, AT&T Local Network will construct new underground communications lines adjacent to the existing lines in the following locations; the existing lines in these locations will be discontinued in place:

- A new underground communications line along the south side of STH 20 at the southbound IH 94 on-ramp beginning at Station 291+70, 81'RT and running southerly to Station 291+84, 114'RT and then running easterly to Station 293+56, 81'RT.
- A new underground communications line beginning at Station 297+68, 100'RT and running southeasterly along the south side of STH 20, crossing the East Frontage Road at Station 3857+99, and continuing southeasterly to a new handhole at Station 303+94, 97'RT.
- A new underground communications line beginning at Station 318+75, 130'RT and running southeasterly along the south side of STH 20, crossing Red Cloud Drive at Station 270RC+09, and continuing southeasterly to Station 324+00, 82'RT.

Relocations anticipated to occur from March through April 2020.

The AT&T Local Network contact is Jennifer Navarro (414-459-3564) of Northwind Technical Services.

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

- An existing underground communications line beginning beyond the westerly project limits and running easterly along the southerly STH 20 right of way and ending at a pole at Station 267+43, 62'RT. AT&T will reconnect this line to a new We Energies pole at Station 267+40, 71'RT as noted below. The remaining portion of this line will remain in place without adjustment.
  - An existing overhead communications line beginning at a pole at Station 270+92, 70'RT and running northerly, crossing STH 20 at Station 270+68, and continuing northerly to a pole at Station 270+28, 122'LT. From there the line continues northerly to beyond the project limits. This line will remain in place without adjustment.
  - An existing underground communications line beginning at a pole at Station 270+28, 122'LT and running southeasterly along a line 6' northeasterly and parallel to the northeasterly STH 20 right of way to Station 273+76, 127'LT where it turns and runs northeasterly to beyond the project limits. This line will remain in place without adjustment.
  - An existing underground communications line beginning at a pole at Station 270+28, 122'LT and running southeasterly and ending at Station 271+17, 135'LT. This line will remain in place without adjustment.
  - An existing underground communications line beginning beyond the northerly project limits and running southerly to Station 271+17, 135'LT and then running southeasterly to Station 273+25, 93'LT. From there the line runs southeasterly along the north side of STH 20 to Station 278+17, 109'LT where it turns and continues southeasterly to a pedestal at Station 278+92, 101'LT where it turns and ends at a pedestal at Station 278+88, 114'LT. AT&T will reconstruct portions of this line east of Station 271+51, 118'LT as noted below. The remaining portions will remain in place without adjustment. The existing line east of Station 271+51, 118'LT will be discontinued in place.
  - An existing underground communications line beginning beyond the northerly project limits and running southwesterly to Station 273+82, 101'LT where it turns and runs southeasterly along the northeasterly STH 20 right of way to a pedestal at Station 278+88, 114'LT. From there the line runs southeasterly to a pedestal at Station 280+19, 86'LT where it turns and runs easterly to Station 280+55, 98'LT. From there the line runs southeasterly along the northeasterly STH 20 right of way to a pedestal at Station 283+49, 94'LT and then continues southeasterly along the right of way to a manhole at Station 286+46, 100'LT. From there the line runs southwesterly, crossing STH 20 at
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- Station 286+45, and continues southwesterly to a manhole at Station 286+45, 104'RT. This line will remain in place without adjustment.
- Two existing underground communications lines beginning beyond the southerly project limits and running northeasterly to Station 274+42, 108'RT where they turn and run southeasterly along the southwesterly STH 20 right of way to a manhole at Station 286+45, 104'RT. These lines will remain in place without adjustment.
  - Two existing underground communications lines beginning a manhole at Station 286+45, 104'RT and running southerly to Station 2863+45, 78'LT where they turn and runs southwesterly along the westerly West Frontage Road right of way to Station 2859+35, 64'LT. From there the lines run southerly along a line approximately 38' easterly of and parallel to the westerly West Frontage Road right of way to beyond the project limits. These lines will remain in place without adjustment.
  - An existing underground communications line beginning beyond the southerly project limits and running northerly along the westerly West Frontage Road right of way and ending at Station 2858+81, 101'LT. This line will remain in place without adjustment.
  - An existing underground communications line beginning at Station 2859+85, 65'LT and running easterly, crossing the West Frontage Road at Station 2859+95, and continuing easterly and ending at Station 2860+03, 47'RT. This line will remain in place without adjustment.
  - An existing underground communications line beginning beyond the project limits and running westerly to Station 2859+18, 54'RT where it turns and runs northeasterly along the easterly West Frontage Road right of way to Station 2863+23, 39'RT. From there the line continues northeasterly to Station 288+61, 101'RT where it turns and runs southeasterly to Station 290+99, 89'RT where it turns and runs southeasterly to a pedestal at Station 292+62, 171'RT. From there the line runs southerly along a line 15' easterly of and parallel to the westerly IH 94 right of way to beyond the project limits. AT&T will reconstruct portions of this line north of Station 2860+04, 49'RT as noted below. The existing line will be discontinued in place north of Station 2860+04, 49'RT.
  - An existing underground communications line beginning at a manhole at Station 286+46, 100'LT and running southeasterly, crossing the West Frontage Road at Station 4865+20, and continuing southeasterly to Station 288+62, 82'LT. From there the line continues southeasterly to a manhole at Station 291+02, 83'LT and then continues southeasterly to Station 292+84, 53'LT where it turns and continues southeasterly, crossing IH 94 at Station 862+99, and continues southeasterly to a manhole at Station 298+17, 74'LT. AT&T will reconstruct portions of this line crossing the West Frontage Road and crossing IH 94 as noted below.
  - An existing underground communications line beginning at Station 288+62, 82'LT and running northerly along the easterly West Frontage Road right of way to Station 4867+07, 19'RT where it turns and runs northeasterly to beyond the project limits. This line will remain in place without adjustment.
  - An existing underground communications line beginning at a manhole at Station 291+02, 83'LT and running southerly, crossing STH 20 at Station 291+40, and continuing southerly to a manhole at Station 291+89, 108'RT. AT&T will discontinue this line in place as noted below.
  - An existing underground communications line beginning at a pedestal at Station 295+42, 113'LT and running southerly to Station 295+73, 73'LT where it turns and runs southeasterly to a manhole at Station 298+17, 74'LT. This line will remain in place without adjustment.
  - Two existing underground communications lines beginning at a manhole at Station 298+17, 74'LT and running southeasterly to Station 300+75, 92'LT where they continue southeasterly along approximately 12' southwesterly of the northeasterly STH 20 right of way, crossing the East Frontage Road at Station 5859+76, and continuing to a pedestal at Station 306+09, 99'LT. From there the lines continue southeasterly along the right of way to Station 310+18, 87'LT and then continue southeasterly to Station 313+75, 87'LT and then continue southeasterly to a manhole at Station 316+42, 101'LT. From there one of the lines continues southeasterly along the northerly STH 20 right of way to a manhole at Station 322+14, 97'LT. The other line runs southeasterly from the manhole at Station 316+42, 101'LT to Station 318+53, 91'LT and then continues southeasterly, crossing Red Cloud Drive, and continues to a manhole at Station 322+14, 97'LT. AT&T will discontinue these lines in place east of a manhole at Station 307+32, 96'LT as noted below. The remainder of these lines will remain in place without adjustment.
  - An existing underground communications line beginning at a manhole at Station 298+17, 74'LT and running southeasterly along the northeasterly side of STH 20, crossing the East Frontage
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Road at Station 5859+63, and continuing southeasterly to Station 306+08, 84'LT. From there the line continues southeasterly to Station 313+75, 81'LT and then continues southeasterly to Station 316+43, 94'LT where it continues southeasterly to Station 320+57, 77'LT. From there the line continues southeasterly, crossing Red Cloud Drive, and continues to Station 322+15, 79'LT where it turns and runs northeasterly to a manhole at Station 322+14, 97'LT. AT&T will discontinue this line in place as noted below.

- An existing underground communications line beginning beyond the northerly project limits and running southwesterly to Station 306+11, 106'LT where it turns and runs southeasterly along the northerly side of STH 20 to Station 310+26, 93'LT and then continues southeasterly to a pedestal at Station 313+75, 99'LT. From there the line continues southeasterly to a manhole at Station 316+43, 101'LT and then continues southeasterly, crossing Red Cloud Drive, and continues to a manhole at Station 322+14, 97'LT. AT&T will discontinue this line in place east of Station 307+32, 96'LT as noted below. The remainder of this line will remain in place without adjustment.
  - Three existing underground communications lines beginning at a manhole at Station 322+14, 97'LT and running southeasterly along the northerly side of STH 20 to beyond the easterly project limits. The first line runs along a line approximately 14' southerly of and parallel to the northerly STH 20 right of way. The second line runs along a line approximately 21' southerly of and parallel to the northerly STH 20 right of way. The third line runs along a line approximately 28' southerly of and parallel to the northerly STH 20 right of way. AT&T will discontinue these lines in place as noted below.
  - An existing overhead communications line beginning beyond the southerly project limits and running northerly along the easterly IH 94 right of way and ending at a pole at Station 859+68, 177'RT. AT&T will remove the line north of a pole at Station 856+29, 173'RT and construct a new underground communications line as noted below. The remainder of this line will remain in place without adjustment.
  - An existing underground communications line beginning at a pole at Station 859+68, 177'RT and running northeasterly, easterly and southeasterly to Station 299+01, 79'RT where it continues southeasterly along the southwesterly STH 20 right of way to Station 299+72, 88'RT where it turns and runs southwesterly to a pole at Station 299+70, 100'RT. From there it runs northeasterly to Station 299+72, 88'RT where it turns and runs southeasterly along the right of way, crossing the East Frontage Road at Station 3858+10, and continuing southeasterly to Station 303+66, 86'RT where it turns and runs southerly and ends at a vault at Station 303+69, 96'RT. AT&T will discontinue this line in place and construct a new underground line as noted below.
  - An existing overhead communications line beginning at a pole at Station 299+70, 100'RT and running southeasterly along southwesterly STH 20 right of way, crossing the East Frontage Road at Station 3857+95, and continuing southeasterly to a pole at Station 303+40, 101'RT. From there the line continues southeasterly along the right of way to a pole at Station 313+92, 105'RT and then continues southeasterly, crossing Galaxy Drive, and continuing southeasterly to Station 318+61, 143'RT and then running southeasterly along a line 7' northeasterly of and parallel to the southwesterly STH 20 right of way to beyond the project limits. AT&T will reconstruct this line on relocated We Energies poles as noted below. Remaining portions of this line will remain in place without adjustment.
  - An existing underground communications line beginning a pole at Station 303+40, 101'RT and running southwesterly and southerly along a line approximately 6' westerly of the easterly East Frontage Road right of way to a pedestal at Station 3852+98, 47'RT. From there the line continues southerly along the right of way to beyond the project limits. AT&T will relocate portions of this line north of Station 3856+90, 41'RT as noted below. Remaining portions of this line will remain in place without adjustment.
  - An existing underground communications line beginning at a vault at Station 303+69, 96'RT and running southeasterly along the southwesterly STH 20 right of way to a pole at Station 313+92, 105'RT, crossing Galaxy Drive, and continuing southeasterly along the right of way to a pedestal at Station 314+10, 106'RT. From there the line continues southeasterly to Station 318+70, 138'RT and then continues southeasterly along a line approximately 15' northeasterly of and parallel to the southwesterly STH 20 right of way, crossing Red Cloud Drive, and continuing southeasterly to beyond the project limits. This line will remain in place without adjustment.
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- An existing underground communications line beginning beyond the southerly project limits and running northerly and northeasterly along a line approximately 11' westerly of the easterly East Frontage Road right of way to a vault at Station 303+69, 96'RT. AT&T will relocate portions of this line north of Station 3856+90, 41'RT as noted below. Remaining portions of this line will remain in place without adjustment.
- An existing underground communications line beginning at a pedestal at Station 314+10, 106'RT and running southwesterly and southerly along the westerly Galaxy Drive right of way to beyond the project limits. AT&T will reconnect this line to a new We Energies pole at Station 314+07, 114'RT as noted below. The remaining portion of this line will remain in place without adjustment.
- An existing underground communications line beginning a pole at Station 315+17, 113'RT and running southwesterly to Station 315+15, 119'RT where it turns and runs northwesterly along the southwesterly STH 20 right of way to Station 314+81, 117'RT. From there the line runs southwesterly along the easterly Galaxy Drive right of way to a pedestal at Station 314+89, 185'RT and then runs northeasterly along the easterly Galaxy Drive right of way to Station 314+82, 119'RT where it turns and runs southeasterly along the southwesterly STH 20 right of way to Station 316+64, 131'RT. From there the line runs northwesterly to Station 318+38, 91'RT where it turns and runs northeasterly, crossing STH 20 at Station 316+42, and continues northeasterly to a manhole at Station 316+42, 101'LT. This line will remain in place without adjustment.
- An existing overhead communications line beginning at a pole at Station 313+92, 105'RT and running southwesterly along the westerly Galaxy Drive right of way to beyond the project limits. AT&T will reconnect this line to a new We Energies pole at Station 314+07, 114'RT as noted below. The remainder of this line will remain in place without adjustment.
- Existing underground communications lines within the project limits at the intersection of STH 20 and Renaissance Boulevard, along the rights of way of STH 20, crossing STH 20, along the rights of way of Renaissance Boulevard, and crossing Renaissance Boulevard. These facilities will remain in place without adjustment.

AT&T Wisconsin also has discontinued communications facilities within the project limits in the following locations:

- A discontinued underground communications line on the north side of STH 20 from Station 271+50 to Station 279+00.
- Discontinued underground communications lines along the east side of South Sylvania Avenue, along the south side of STH 20 and along the west side of Ramp SW.
- A discontinued underground communications line along the south side of STH 20 from Station 297+00 to Station 299+50.
- A discontinued underground communications line along the east side of the East Frontage Road from Station 3856+75 to Station 3858+00.
- Three discontinued underground communications lines and 2-4" PC ducts along the north side of STH 20 from Station 207+50 to International Drive.
- A discontinued underground communications line (ALMW 300 cable) along the north side of STH 20 from Station 298+00 to International Drive.

Prior to and during construction, AT&T Wisconsin will relocate, reconstruct, remove, discontinue and leave in place their existing overhead and underground electric facilities in the following locations:

- From approximately Station 271+50 to 279+00, discontinuing north side existing buried line and installing new cable along the property line.
  - At the STH 20 & West Frontage Rd Intersection, lowering the existing 7-4" PC duct package below the 30" storm sewer.
  - Expose and lower approximately 300' of 6-4" duct package from Station 292+00 to Station 295+00.
  - Discontinue existing buried cable and replace 1100' along property line below the proposed storm sewer from along the east side South Sylvania Avenue along the south side of STH 20 and along the west side of Ramp SW.
  - Remove poles and existing cable and bore new cable along the east side of Ramp SE, along the south side of STH 20 and along the east side of East Frontage Road.
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- From Station 307+60 to International Drive, retire existing cables and replace with 4-4" duct package lower than the proposed storm sewer.
- From Station 307+80 to Station 318+00, replace existing underground fiber with aerial fiber and relocate existing poles and aerial cable to the south along the right of way.
- ALMW 300 cable along the north side of STH 20 from Station 298+00 to International Drive to be discontinued.

Relocations anticipated to occur from March through June 2020.

WisDOT contractor to remove any portions of retired/discontinued cable and duct in conflict with the storm sewer crossings or ditch cuts.

During construction in conjunction with paving and grading operations, AT&T Wisconsin will adjust their manholes and handholes in the following locations: Station 286+45 LT, Station 286+45 RT, Station 291+00 LT, Station 298+10 LT, Station 307+20 LT, Station 316+35 LT, Station 314+00 RT, Station 315+05 RT. Allow 10 days for adjustment of AT&T Wisconsin manhole and handholes.

The AT&T Wisconsin contact is Mike VanBoven (262-636-0514 office/ 262-676-3958 cell).

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

- An existing underground communications line beginning beyond the westerly project limits and running southeasterly along the southerly shoulder of STH 20 to Station 266+93, 60'RT and then continuing southeasterly along the southerly shoulder and ending at a pole at Station 270+92, 70'RT.
  - An existing overhead communications line on We Energies poles beginning at a pole at Station 270+92, 70'RT and running southeasterly along the south side of STH 20 to a pole at Station 276+35, 100'RT and then continuing southeasterly along the southwesterly STH 20 right of way to a pole at Station 283+23, 101'RT. From there the line continues southeasterly along the right of way and ends at a pole at Station 286+82, 101'RT.
  - An existing overhead communications line on We Energies poles beginning at a pole at Station 270+92, 70'RT and running northerly, crossing STH 20 at Station 270+68, and continuing northerly to a pole at Station 270+28, 122'LT. From there the line continues northerly to beyond the project limits.
  - An existing overhead communications line on We Energies poles beginning at a pole at Station 283+23, 101'RT and running northeasterly, crossing STH 20 at Station 283+40, and continuing northeasterly to a pole at Station 283+54, 92'LT, where it turns and runs southeasterly along a line 6' southwesterly of and parallel to the northeasterly STH 20 right of way, crossing the West Frontage Road at Station 4865+21, and continuing southeasterly and ending at a pole at Station 288+63, 98'LT.
  - An existing underground communications line beginning at a pole at Station 288+63, 98'LT and running northerly along the easterly West Frontage Road right of way to Station 4866+95, 31'RT. From there the line continues northerly along the east side of the West Frontage Road to beyond the project limits.
  - An existing underground communications line beginning beyond the southerly project limits and running northerly along a line 6' easterly of and parallel to the westerly West Frontage Road right of way and ending at Station 2859+12, 100'LT.
  - An existing underground communications line beginning beyond the southerly project limits and running northerly along a line approximately 17' westerly of the westerly West Frontage Road edge of pave to Station 2859+44, 60'LT. From there the line runs northeasterly along the westerly West Frontage Road right of way and ends at a pole at Station 286+82, 101'RT.
  - An existing underground communications line beginning at a pole at Station 286+82, 101'RT and running southeasterly, crossing the West Frontage Road at Station 2864+07, and continuing southeasterly to Station 288+31, 121'RT where it turns and runs southwesterly to Station 2862+79,
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- 26'RT. From there the line runs southwesterly and southerly along a line 14' westerly of and parallel to the easterly West Frontage Road right of way to beyond the project limits.
- An existing underground communications line beginning at Station 2858+48, 52'LT and running easterly, crossing the West Frontage Road at Station 2858+54, and continuing easterly and ending at Station 2858+60, 44'RT.
  - An existing overhead communications line beginning beyond the southerly project limits and running northerly along the easterly IH 94 right of way and ending at a pole at Station 859+68, 178'RT.
  - An existing underground communications line beginning at a pole at the easterly IH 94 right of way at Station 859+68, 178'RT and running northeasterly, easterly and southeasterly and ending at a pole at Station 299+70, 99'RT.
  - An existing underground communications line beginning at a pole at Station 299+70, 99'RT and running northeasterly, crossing STH 20 at Station 299+68, and continuing northeasterly to beyond the project limits.
  - An existing underground communications line beginning at a pole at Station 299+70, 99'RT and running southeasterly along the southwesterly STH 20 right of way, crossing the East Frontage Road at Station 3857+97, and continuing southeasterly to Station 305+08, 99'RT where it turns and runs northeasterly, crossing STH 20 at Station 305+38, and continues northeasterly to Station 305+43, 16'LT. From there the line continues northeasterly to beyond the project limits.
  - An existing underground communications line beginning at a pole at Station 304+72, 100'RT and running southeasterly along the southwesterly STH 20 right of way to Station 305+07, 102'RT where it turns and runs southerly to beyond the project limits.
  - An existing overhead communications line on We Energies poles beginning at a pole at Station 299+70, 99'RT and running southeasterly, crossing the East Frontage Road at Station 3857+95'RT, and continuing southeasterly along the southwesterly STH 20 right of way to a pole at Station 313+92, 105'RT. From there the line continues southeasterly, crossing Galaxy Drive, and continuing southeasterly along the right of way to a pole at Station 318+61, 143'RT. From there the line runs southeasterly, crossing Red Cloud Drive at Station 269RC+98, and continues southeasterly along the southerly STH 20 right of way to beyond the project limits.
  - An existing overhead communications line on We Energies poles beginning beyond the southerly project limits and running northeasterly along the westerly Galaxy Drive right of way to a pole at Station 313+92, 105'RT and then continuing northeasterly, crossing STH 20 at Station 313+84, and continuing northeasterly and ending at a pole at Station 313+75, 99'LT.
  - An existing overhead communications line on We Energies poles beginning at a pole at Station 318+61, 143'RT and running southeasterly to beyond the project limits.
  - An existing underground communications line beginning beyond the westerly project limits at the intersection of STH 20 and Renaissance Boulevard and running easterly along the southerly STH 20 right of way to a point located approximately 85' west of the centerline of Renaissance Boulevard where it turns and runs southeasterly to a point located approximately 50' west of the centerline of Renaissance Boulevard and 150' south of the centerline of STH 20. From there it runs easterly, crossing Renaissance Boulevard, and then continues easterly to a point located approximately 79' east of the centerline of Renaissance Boulevard and approximately 150' south of the centerline of STH 20. From there it runs northeasterly to a point located approximately 186' east of the centerline of Renaissance Boulevard at the southerly STH 20 right of way. From there the line runs easterly along said right of way to beyond the project limits.
  - An existing underground communications line beginning at a point on the southerly STH 20 right of way located approximately 254' west of the centerline of Renaissance Boulevard and running northerly, crossing STH 20, and continuing northerly to the northerly STH 20 right of way.
  - An existing underground communications line beginning at a point on the southerly STH 20 right of way located approximately 483' east of the centerline of Renaissance Boulevard and running northerly, crossing STH 20, and continuing northerly to the northerly STH 20 right of way.

The existing underground communications facilities at the intersection of STH 20 and Renaissance Boulevard will remain in place without adjustment.

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Prior to and during construction, Charter Communications will relocate, reconstruct, remove, discontinue and leave in place their existing overhead and underground communications facilities in the following locations:

- Charter will transfer their existing overhead communications line to relocated We Energies poles along the southerly STH 20 right of way between Station 267+40, 71'RT and Station 283+45, 101'RT.
- A new underground communications line crossing STH 20 between new We Energies poles between Station 283+45, 101'RT and Station 283+45, 105'LT. The existing overhead crossing at Station 283+40 will be removed.
- A new underground communications line along the northerly STH 20 right of way and along the westerly West Frontage Road right of way between Station 283+45, 105'LT and 4865+66, 70'LT. The existing overhead communications line along the northerly STH 20 right of way between Station 283+54, 92'LT and Station 288+63, 98'LT will be removed.
- A new underground communications line crossing the West Frontage Road between Station 4865+66, 70'LT and Station 4865+66, 40'RT.
- A new underground communications line along the easterly right of way of the West Frontage Road between Station 4865+66, 40'RT and Station 4866+86, 40'RT. The existing line south of Station 4866+86, 40'RT will be discontinued in place.
- A new underground communications line along the southerly STH 20 right of way from a pedestal at Station 285+25, 104'RT and proposed pole at Station 285+69, 100'RT.
- A new overhead communications line along the southerly STH 20 right of way from a proposed pole at Station 285+13, 100'RT and proposed pole at Station 285+69, 100'RT.
- A new underground communications line along the westerly West Frontage Road right of way between a proposed pole at Station 285+69, 100'RT and new pedestal at Station 2860+94, 84'LT. The existing line north of Station 2860+94, 84'LT will be discontinued in place.
- A new underground communications line along the westerly West Frontage Road right of way between a new pedestal at Station 2860+94, 84'LT and a new pedestal at Station 2857+84, 81'LT. The existing line between Station 2860+94, 84'LT and Station 2857+84 81'LT will be discontinued in place.
- A new underground communications line crossing the West Frontage Road a new pedestal at Station 2857+84, 81'LT and Station 2857+89, 45'RT and then continuing northerly along the easterly side of the West Frontage Road to a new pedestal at Station 2859+50, 73'RT. The existing line between Station 2857+89, 45'RT and Station 2859+50, 73'RT will be discontinued in place.
- Charter will remove the existing overhead communications line along the easterly IH 94 right of way between a pole at Station 856+29, 172'RT and the pole at Station 859+68, 178'RT.
- The existing underground line between Station 859+68, 178'RT and Station 299+70, 99'RT will be discontinued in place.
- An existing underground communications line crossing STH 20 at Station 299+68 will be discontinued in place.
- A new underground communications line beginning at a pole at Station 305+17, 100'RT and running northeasterly, crossing STH 20 to Station 305+15, 110'LT and then running northwesterly to Station 5860+38, 65'RT and then running northeasterly along the easterly side of the East Frontage Road to Station 5863+23, 66'RT and then running northwesterly, crossing the East Frontage Road to Station 5863+30, 77'LT and continuing to beyond the project limits.
- Charter will transfer their existing overhead communications facilities to ne We Energies pole along the southerly STH 20 right of way between the pole at Station 307+24, 99'RT and a pole at Station 315+17, 112'RT. The existing overhead communications lines along the southerly STH 20 right of way west of Station 307+24 and east of Station 315+17 will remain in place without adjustment.
- All other Charter facilities within the project limits will remain in place without adjustment.

Relocations anticipated to occur from February through May 2020.

The Charter Communications contact is Neil Long (414-277-4271/ 414-430-7189 cell).

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**Level 3 Communications** has an existing underground communications duct package within the project limits, consisting of 3 ducts owned by Level 3 Communications bundled with 6 ducts owned by AT&T Legacy, beginning beyond the southerly project limits and running northerly along a line 8' easterly of and parallel to the westerly IH 94 right of way to Station 292+58, 184'RT where it turns and runs northwesterly, crossing STH 20 at Station 291+47, and continues northwesterly to Station 291+13, 64'LT. From there the duct package continues northerly along a line 7' easterly of and parallel to the westerly IH 94 right of way to beyond the project limits. This duct package will remain in place without adjustment.

Level 3 Communications also has a discontinued underground communications duct package bundled with a discontinued AT&T Legacy duct package within the project limits beginning beyond the southerly project limits and running northerly along the westerly fence line of IH 94, crossing STH 20 at Station 292+82, and continuing northerly along the westerly fence line to beyond the project limits.

The Level 3 Communications contact is Shad Garcia (414-908-1009 office/262-606-0896 cell).

**Midwest Fiber Networks** has existing underground and overhead communications facilities within the project limits in the following locations:

- An existing underground communications line beginning beyond the northerly project limits and running southwestwardly to Station 275+05, 114'LT and running southeasterly along the northeasterly STH 20 right of way to Station 278+07, 112'LT where it turns and runs southwestwardly, crossing STH 20 at Station 278+07, and continues southwestwardly to Station 278+07, 89'RT. From there it runs southeasterly along the southwestwardly STH 20 right of way, crossing the West Frontage Road at Station 2864+22, and continues southeasterly to Station 290+86, 84'RT and then continues to Station 291+91, 105'RT. From there it continues southeasterly to Station 293+54, 75'RT and then continues southeasterly, crossing IH 94 at Station 861+55, and continues southeasterly to Station 297+57, 98'RT. From there the line runs southeasterly along the southwestwardly STH 20 right of way, crossing the East Frontage Road at Station 3858+01, and continues southeasterly to Station 304+38, 85'RT and then continues southeasterly to a vault at Station 311+50, 93'RT. From there the line runs easterly to Station 312+46, 68'RT where it turns and runs southeasterly to Station 316+62, 82'RT where it turns and runs southeasterly to a pole at Station 318+61, 143'RT. Midwest Fiber Networks will relocate portions of this line as noted below.
- An existing overhead communications line beginning on We Energies' poles beginning at a pole at Station 318+61, 143'RT and running southeasterly, crossing Red Cloud Drive at Station 269RC+98, and continuing southeasterly along the southerly STH 20 right of way to a pole at Station 324+62, 89'RT. From there the line continues southeasterly along the right of way to beyond the project limits. This line will remain in place without adjustment.
- An existing underground communications line beginning beyond the westerly project limits at the intersection of STH 20 and Renaissance Boulevard and running easterly along the southerly STH 20 right of way, crossing Renaissance Boulevard, and continuing easterly along the southerly STH 20 right of way to beyond the project limits. This line will remain in place without adjustment.

Prior to and during construction, Midwest Fiber Networks will construct new underground communications lines adjacent to the existing lines in the following locations; the existing lines in these locations will be discontinued in place:

- A new underground communications line beginning at Station 281+00, 85'RT and running southeasterly along the south side of STH 20, crossing the East Frontage Road at Station 2864+23, and continuing southeasterly, crossing IH 94 at Station 861+60, and continuing southeasterly to Station 295+00, 76'RT.
  - A new underground communications line beginning at Station 301+00, 94'RT and running southeasterly along the south side of STH 20, crossing the East Frontage Road at Station 3858+02, and continuing southeasterly to a new handhole at Station 306+00, 88'RT and then continuing southeasterly to Station 306+50, 87'RT.
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Relocations anticipated to occur from March 2<sup>nd</sup> through April 30<sup>th</sup>, 2020.

The Midwest Fiber Networks contact is Ken Barrett (414-459-3571 office/ 414-793-5171 cell).

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

- An existing sanitary sewer beginning at a manhole at Station 295+47, 88'LT and running southeasterly to a manhole at Station 296+55, 68'LT where it turns and continues southeasterly to a manhole at Station 299+87, 72'LT. From there it turns and runs northeasterly to a manhole at Station 300+13, 99'LT where it turns and runs southeasterly to a manhole at Station 305+57, 106'LT. From there the line runs southwesterly, crossing STH 20 at Station 305+56, and continues southwesterly to a manhole at Station 305+55, 117'RT where it turns and runs southeasterly to a manhole at Station 309+44, 109'RT. From there the line continues southeasterly to a manhole at Station 314+41, 120'RT and then continues southeasterly to a manhole at Station 318+51, 165'RT where it turns and continues southeasterly along the southerly STH 20 right of way to beyond the project limits. This line will remain in place without adjustment. Adjust or reconstruct the manholes as shown in the plans.
- An existing sanitary sewer beginning at a manhole at Station 299+87, 72'LT and running southerly, crossing STH 20 at Station 300+16, and continuing southerly to a manhole at Station 300+57, 101'RT. From there it runs southeasterly along the southerly STH 20 right of way to a manhole at Station 302+05, 108'RT and then continues southeasterly, crossing the East Frontage Road, and continuing southeasterly to a manhole at Station 305+45, 108'RT where it turns and runs southerly to beyond the project limits. This line will remain in place without adjustment. Adjust or reconstruct the manholes as shown in the plans.
- An existing sanitary sewer beginning at a manhole at Station 302+05, 108'RT and running southwesterly to a manhole at Station 3855+98, 86'LT where it turns and runs southerly to a manhole at Station 3851+00, 78'LT. From there it turns and runs easterly, crossing the East Frontage Road at Station 3851+00, and continues easterly to beyond the project limits. This line will remain in place without adjustment. Adjust or reconstruct the manholes as shown in the plans.
- An existing sanitary sewer beginning at a manhole at Station 314+41, 120'RT and running southwesterly along the centerline of Galaxy Drive to beyond the project limits. This line will remain in place without adjustment. Adjust or reconstruct the manholes as shown in the plans.
- An existing sanitary sewer beginning at a manhole at Station 314+97, 123'RT and running northeasterly, crossing STH 20 at Station 314+91, and continuing northeasterly to beyond the project limits. This line will remain in place without adjustment. Adjust or reconstruct the manholes as shown in the plans.

The Village of Mount Pleasant – Sewer contact is Tony Beyer (262-664-7849).

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

- An existing water main beginning at Station 299+10, 66'LT and running southeasterly along the northerly edge of pavement of STH 20 to Station 300+28, 65'LT and then continuing southeasterly to Station 301+78, 68'LT. From there the main continues southeasterly, crossing the East Frontage Road at Station 5859+55, and continuing southeasterly to Station 322+41, 75'LT. From there the line continues southeasterly along a line 30' southwesterly of and parallel to the northeasterly STH 20 right of way to beyond the easterly project limits. This main will remain in place without adjustment. The RWWC will relocate existing hydrants along this main during construction as noted below.
  - An existing water main beginning at a tee at Station 300+28, 65'LT and running northeasterly to beyond the project limits. This main will remain in place without adjustment.
  - An existing water main beginning at a tee at Station 301+78, 68'LT and running southwesterly, crossing STH 20 at Station 301+78, and continuing southwesterly to Station 301+79, 100'RT where it turns and runs southeasterly to Station 302+14, 125'RT. From there the main runs
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southerly along a line 3' east of and parallel to the westerly East Frontage Road right of way to Station 3855+04, 69'LT and then continues southerly along said parallel line to beyond the project limits. This line will remain in place without adjustment. The RWWC will relocate existing hydrants along this main during construction as noted below.

- An existing water main beginning at a tee at Station 3851+52, 65'LT and running easterly, crossing the East Frontage Road at Station 3851+53, and continuing easterly to beyond the project limits. This line will remain in place without adjustment.
- An existing water main beginning at a tee at Station 3855+04, 69'LT and running easterly, crossing the East Frontage Road at Station 3855+02, and continuing easterly to beyond the project limits. This line will remain in place without adjustment.
- An existing water main beginning at a tee at Station 305+85, 74'LT and running northeasterly to beyond the project limits. This line will remain in place without adjustment.
- An existing water main beginning at a tee at Station 322+41, 75'LT and running southwesterly, crossing STH 20 at Station 322+40, and continuing southwesterly along the northbound lanes of Red Cloud Drive to beyond the project limits. This line will remain in place without adjustment.
- An existing water main beginning beyond the westerly project limits at the intersection of STH 20 and Renaissance Boulevard and running easterly along the northerly STH 20 right of way to a tee located approximately 30' easterly of the centerline Renaissance Boulevard and then continuing easterly along said right of way to beyond the project limits. This main will remain in place without adjustment.
- An existing water main beginning at a tee at the northerly right of way of STH 20 and running northerly along a line approximately 30' easterly of the centerline of Renaissance Boulevard to beyond the project limits. This line will remain in place without adjustment.
- An existing water main beginning at a tee at the northerly right of way of STH 20 and running southerly along a line approximately 30' easterly of the centerline of Renaissance Boulevard, crossing STH 20, and continuing southerly to beyond the project limits. This line will remain in place without adjustment.

During Stage 2 of construction, the RWWC will relocate existing hydrants along the north side of STH 20 and along the west side of the East Frontage Road to the following locations; allow 10 days for the relocation of the hydrants:

- Station 299+10, 100'LT
- Station 304+25, 104'LT
- Station 309+78, 113'LT
- Station 320+69, 110'LT
- Station 326+10, 91.0'LT
- Station 330+24, 109.4'LT
- Station 336+05, 78.4'LT
- Station 3854+62, 62.3'LT
- Station 3857+43, 74.8'LT

The RWWC will remove the existing hydrant at Station 314+96, 83'LT during Stage 2 of construction. Allow 1 day for the removal of the hydrant.

The RWWC will construct a new water main beginning at a new tee at Station 306+29, 72'LT and running northeasterly to Station 306+29, 95'LT during Stage 2 of construction. Allow 5 days for the construction of the new main.

The RWWC will construct a vertical water main offset to accommodate a proposed storm sewer at Station 303+42, 71'LT during Stage 2 of construction. Allow 3 days for construction of the offset.

The RWWC will construct a vertical water main offset to accommodate a proposed storm sewer at Station 318+50, 81'LT during Stage 2 of construction. Allow 3 days for construction of the offset.

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The RWWC will construct a horizontal water main offset to accommodate a proposed signal foundation at Station 322+35, 82'RT during Stage 3 of construction. Allow 3 days for construction of the offset.

The RWWC will also adjust water valves throughout the project limits during construction in conjunction with paving operations. Allow 10 days for RWWC to adjust the water valves.

The Racine Water Works Commission contact is Chad Regalia (262-497-4611).

**Sturtevant, Village of – Sewer** has existing sanitary sewer facilities within the project limits in the following locations:

- An existing sanitary sewer beginning beyond the westerly project limits at the intersection of STH 20 and Renaissance Boulevard and running easterly along the southerly STH 20 right of way to a manhole in the center of the southbound lanes of Renaissance Boulevard where it turns and runs southerly to beyond the project limits. This line will remain in place without adjustment.
- An existing sanitary sewer beginning at a manhole at the southerly right of way of STH 20 and running northerly along a line approximately 167' westerly of the centerline of Renaissance Boulevard, crossing STH 20, and continuing northerly to beyond the project limits. This line will remain in place without adjustment.

The Village of Sturtevant – Sewer contact is Jeff Seitz (262-886-7202).

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

- An existing underground electric line beginning at a pole at Station 267+43, 62'RT and running southwesterly to beyond the project limits.
  - An existing overhead electric line beginning at a pole at Station 267+43, 62'RT and running southeasterly along the southwesterly STH 20 right of way to a pole at Station 270+92, 70'RT. From there the line continues southeasterly along the right of way to a pole at Station 280+81, 101'RT and then continues along the right of way to a pole at Station 283+23, 101'RT and then continues southeasterly to a pole at Station 286+51, 100'RT. From there the line continues southeasterly along the right of way and ends at a pole at Station 288+62, 102'RT.
  - An existing overhead electric line beginning at a pole at Station 270+92, 70'RT and running northerly, crossing STH 20 at Station 270+68, and continuing northerly to a pole at Station 270+28, 122'LT. From there the line continues northerly to beyond the project limits.
  - An existing underground electric line beginning at a pole at Station 270+28, 122'LT and running southeasterly along the northeasterly STH 20 right of way to Station 273+76, 125'LT where it turns and runs northerly to beyond the project limits.
  - An existing underground electric line beginning at a pole at Station 279+37, 101'RT and running southeasterly along the southwesterly STH 20 right of way to a pole at Station 280+81, 101'RT. From there it turns and runs southerly to beyond the project limits.
  - An existing overhead electric line beginning at a pole at Station 283+23, 101'RT and then running northeasterly, crossing STH 20 at Station 283+40, and continuing northeasterly and ending at a pole at Station 283+54, 92'LT.
  - An existing underground electric line beginning at a pole at Station 282+82, 91'LT and running northwesterly along a line 6' southwesterly of and parallel to the northeasterly right of way of STH 20 to Station 280+48, 94'LT. From there the line runs northwesterly to Station 279+86, 80'LT where it turns and runs northwesterly to Station 278+86, 100'LT where it turns and runs northerly to beyond the project limits.
  - An existing overhead electric line beginning at a pole at Station 282+82, 91'LT and running southeasterly along a line 6' southwesterly of and parallel to the northeasterly STH 20 right of way, crossing the East Frontage Road at Station 4865+21, and continuing southeasterly and ending at a pole at Station 288+63, 98'LT.
  - An existing underground electric line beginning a pole at Station 286+51, 100'RT and running southerly to Station 2863+30, 78'LT where it turns and runs southwesterly along the westerly right
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of way of the West Frontage Road to Station 2859+85, 72'LT. From there the line runs southwesterly to Station 2859+31, 106'LT where it turns and runs southerly to beyond the project limits.

- An existing underground electric line beginning a pole at Station 288+62, 102'RT and running southwesterly to Station 2864+05, 34'RT where it turns and runs southwesterly along the easterly West Frontage Road right of way to Station 2859+90, 29'RT. From there the line continues southwesterly to a transformer at Station 2858+59, 46'RT where it turns and runs southwesterly and westerly, crossing the West Frontage Road at Station 2858+48, and continues westerly to Station 2858+45, 59'LT. From there the line runs southerly along the westerly shoulder of the West Frontage Road to beyond the project limits.
  - An existing underground electric line beginning Station 2859+90, 29'RT and running southeasterly to Station 2859+43, 77'RT where it turns and runs easterly to beyond the project limits.
  - An existing underground electric line beginning a transformer at Station 2858+59, 46'RT and running southerly along the easterly side of the West Frontage Road to beyond the project limits.
  - An existing underground electric line beginning at a pole at Station 288+63, 98'LT and running northerly to Station 4866+91, 28'RT where it turns and runs Station 4867+10, 75'RT. From there the line runs northwesterly to Station 4867+28, 44'RT where it turns and runs northerly along the easterly West Frontage Road right of way to beyond the project limits.
  - An existing underground electric line beginning at a transformer at Station 859+32, 221'LT and running southerly along the westerly IH 94 right of way to beyond the project limits.
  - An existing overhead electric line beginning beyond the southerly project limits and running northerly along the easterly IH 94 right of way to a pole at Station 859+68, 178'RT and then continuing northerly, crossing STH 20 at Station 296+03, and continuing northerly to a pole at Station 295+35, 155'LT. From there the line continues northerly and ends at a pole at Station 295+24, 185'LT.
  - An existing underground electric line beginning a pole at Station 859+68, 178'RT and running southeasterly to beyond the project limits.
  - An existing overhead electric line beginning a pole at Station 295+35, 155'LT and running southwesterly and ending at a pole at Station 294+73, 104'LT.
  - An existing overhead electric line beginning at a pole at Station 304+72, 100'RT and running southeasterly along the southwesterly STH 20 right of way to a pole at Station 305+17, 100'RT and then continuing southeasterly along the right of way to a pole at Station 313+92, 105'RT. From there the line continues southeasterly, crossing Galaxy Drive, and continuing southeasterly along the right of way to a pole at Station 318+61, 143'RT. From there the line runs southeasterly, crossing Red Cloud Drive at Station 269RC+98, and continuing southeasterly along the southerly STH 20 right of way to a pole at Station 324+62, 89'RT. From there the line continues southeasterly along the right of way to beyond the project limits.
  - An existing underground electric line beginning at a pole at Station 305+17, 100'RT and running northwesterly to Station 304+70, 92'RT where it turns and runs northeasterly, crossing STH 20 at Station 304+79, and continues northeasterly to Station 304+78, 90'LT. From there the line runs northwesterly to Station 303+67, 87'LT where it turns and runs northeasterly along the easterly East Frontage Road right of way to Station 5862+84, 61'RT where it turns and runs northwesterly, crossing the East Frontage Road at Station 5862+83, and continues northwesterly to Station 5862+81, 48'LT. From there the line runs northeasterly, westerly and northwesterly and ends at a pedestal at Station 5863+23, 107'LT.
  - An existing underground electric line beginning at a pole at Station 305+17, 100'RT and running southeasterly to Station 305+25, 108'RT where it turns and runs southerly to beyond the project limits.
  - An existing underground electric line beginning at a pedestal at Station 5863+23, 107'LT and running southeasterly to Station 5863+00, 54'LT where it turns and runs southwesterly along a line 6' southeasterly of and parallel to the northwesterly East Frontage Road right of way and ends at a signal cabinet at Station 5859+88, 52'LT.
  - An existing underground electric line beginning at a pedestal at Station 5863+23, 107'LT and running southeasterly along the southwesterly Kilbourn Drive right of way to beyond the project limits.
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- An existing underground electric line beginning beyond the southerly project limits and running northerly along the easterly East Frontage Road right of way to Station 3853+13, 45'RT and then running easterly to beyond the project limits.
- An existing overhead electric line beginning beyond the southerly project limits and running northeasterly along the westerly Galaxy Drive right of way to a pole at Station 313+92, 105'RT and then continuing northeasterly, crossing STH 20 at Station 313+84, and continuing northeasterly and ending at a pole at Station 313+75, 99'LT.
- An existing underground electric line beginning at a pole at Station 316+57, 124'RT and running southwesterly to beyond the project limits.
- An existing overhead electric line beginning at a pole at Station 318+61, 143'RT and running southeasterly to beyond the project limits.
- An existing overhead electric line beginning beyond the southerly project limits and running northwesterly to a pole at Station 324+62, 89'RT and then continuing northwesterly, crossing STH 20 at Station 324+29, and continuing northwesterly to a pole at Station 323+90, 100'LT. From there the line continues northwesterly to beyond the project limits.
- Existing underground electric lines throughout the project limits at the intersection of STH 20 and Renaissance Boulevard, along the rights of way of STH 20, crossing STH 20, along the rights of way of Renaissance Boulevard, and crossing Renaissance Boulevard. These facilities will remain in place without adjustment.

We Energies also has a discontinued underground electric line beginning at Station 3853+13, 45'RT and running northerly along the easterly East Frontage Road right of way and ending at a pole at Station 303+40, 101'RT.

Prior to and during construction, We Energies will relocate, reconstruct, remove, discontinue and leave in place their existing overhead and underground electric facilities in the following locations:

**WR # 4404157**

<b>Station No.</b>	<b>Work Proposed</b>
267+40, 71'RT	Install pole
267+42, 63'RT	Pole and anchor will be removed
270+37, 94'LT	Install pole, transfer street light
270+50, 82'LT	Pole will be removed
273+05, 79'RT	Install pole
273+07, 77'RT	Pole will be removed
274+40, 83'RT	Install pole and anchor
274+38, 81'RT	Pole and anchor will be removed
277+67, 100'RT	Pole to remain
279+00, 100'RT	Install pole, bore pit. Road crossing end
279+00, 107'LT	Bore pit. Road crossing end
282+86, 91'LT	Pole and anchor will be removed
283+23, 101'RT	Pole and anchor will be removed
283+45, 101'RT	Install pole, bore pit. Road crossing end
283+45, 105'LT	Bore pit. Road crossing end
283+54, 92'LT	Pole and anchors will be removed
285+17, 93'LT	Pole will be removed
285+69, 100'RT	Pole will be removed
285+80, 100'RT	Install pole and anchor
286+51, 100'RT	Pole to be removed
286+82, 101'RT	Pole to be removed
286+92, 98'LT	Pole will be removed



288+62, 102'RT	Pole and anchor will be removed
288+64, 98'LT	Pole and anchor will be removed
2858+25, 83'LT	Bore pit. Road crossing end
2858+43, 53'RT	Install pad-mounted switch-VFI unit
2858+33, 58'LT	Bore pit. Road crossing end
2858+60, 50'RT	Remove pad-mounted switch-VFI unit
4865+66, 70'LT	Bore pit. Road crossing end
4865+66, 40'RT	Bore pit. Road crossing end.
4865+49, 80'RT	Install pad-mounted transformer for traffic cabinet service
4866+98, 40'RT	Splice pit
858SW+95, 67'RT	Remove 1-phase pad-mounted transformer
858SW+95, 77'RT	Install 1-phase pad-mounted transformer
859SW+10, 73'LT	Install 3-phase pad-mounted transformer
859SW+35, 62'LT	Remove 3-phase pad-mounted transformer

**WR # 4444463**

<b>Station No.</b>	<b>Work Proposed</b>
297+14	New road crossing
305+15, 101'RT	Pole to remain. Road crossing end
305+15, 110'LT	Road crossing end
307+41, 99'RT	Install pole and anchor
309+28, 99'RT	Pole to be removed
309+28, 120'RT	Install pole
311+43, 98'RT	Pole to be removed
311+99, 120'RT	Install pole
313+93, 107'RT	Remove pole and anchor
313+93, 114'RT	Install pole
315+17, 112'RT	Pole to remain
322+57, 103'RT	Pole to be removed
322+67, 102'RT	Install pole
856SE+52, 39'RT	Install pole and anchor
857SE+39, 36'RT	Pole to be removed
859SE+75, 22'RT	Pole and anchor to be removed
862NE+29, 144'LT	Pole to be removed
862NE+55, 95'LT	Install pad-mounted transformer for DOT service
862NE+67, 89'LT	Install pad-mounted transformer for DOT service
862NE+71, 95'LT	Pole to be removed
863NE+9, 103'LT	Pole to be removed
5860+48, 54'LT	Pad-mounted transformer to be removed
5863+23, 66'RT	Road crossing end
5863+23, 57'LT	Road crossing end
5863+30, 77'LT	Install pad-mounted transformer for DOT service

Relocations anticipated to occur from February 3<sup>rd</sup> through April 30<sup>th</sup>, 2020.

The We Energies – Electric contact is Mark Fahey (414-944-5654 office/ 414-507-7193 cell).

**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 southeasterly along the northerly STH 20 right of way to Station 263+51, 62'LT and then continuing southeasterly to Station 271+38, 11'RT and then continuing southeasterly along the median of STH 20 to Station 276+43, 6'RT. From there it continues southeasterly to Station 280+88, 56'LT and then continues southeasterly to Station 283+07, 80'LT where it turns and runs southeasterly along a line approximately 15' southwesterly of and parallel to the northeasterly STH 20 right of way to Station 287+00, 87'LT. From there the line continues southeasterly, crossing the West Frontage Road at Station 4865+12, and continuing southeasterly to Station 288+32, 90'LT where it continues southeasterly to Station 290+95, 91'LT where it turns and runs southeasterly to Station 291+42, 83'LT and then continues southeasterly to Station 292+84, 59'LT. From there the line continues southeasterly, crossing IH 94 at Station 863+07, and continues southeasterly to Station 295+52, 74'LT. From there the line continues southeasterly along the north side of STH 20 to Station 297+78, 79'LT and then continues southeasterly along a line approximately 25' southwesterly of and parallel to the northeasterly STH 20 right of way, crossing the East Frontage Road at Station 5858+76, and continuing southeasterly along the northerly side of STH 20 to Station 314+07, 96'LT. From there the line continues southeasterly along a line approximately 6' southwesterly of and parallel to the existing northeasterly STH 20 right of way to beyond the project limits.
  - An existing underground gas line beginning at a tee at Station 271+38, 11'LT and running northerly, crossing STH 20 at Station 271+34, and continuing northerly to beyond the project limits.
  - An existing underground gas line beginning at Station 270+19, 5'RT and running southwesterly to Station 270+18, 71'RT and then running southeasterly along the southerly STH 20 right of way to Station 273+33, 76'RT and then running southwesterly to beyond the project limits.
  - An existing underground gas line beginning at Station 273+30, 10'RT and running northeasterly, crossing STH 20 at Station 273+30, and continuing northeasterly to Station 273+30, 91'LT and then running northwesterly to Station 270+95, 106'LT. From there the line continues northwesterly to beyond the project limits.
  - An existing underground gas line beginning at a tee at Station 280+88, 56'LT and running southwesterly, crossing STH 20 at Station 280+89, and continuing southwesterly to Station 280+94, 92'RT. From there the line turns and runs southerly to beyond the project limits.
  - An existing underground gas line beginning at Station 280+94, 92'RT and running southeasterly along a line approximately 9' northeasterly of and parallel to the southwesterly STH 20 right of way and ending at Station 283+08, 97'RT.
  - An existing underground gas line beginning at a tee at Station 287+00, 87'LT and running northeasterly along the westerly West Frontage Road right of way continues in northerly direction on the west side of the West Frontage Road and ends at Station 4867+08, 50'LT.
  - An existing underground gas line beginning at a tee at Station 288+32, 90'LT and running northerly along the east side of the West Frontage Road to Station 4867+08, 27'RT and then continuing northerly along the easterly shoulder of the West Frontage Road to beyond the project limits.
  - An existing underground gas line beginning at Station 2861+98, 15'RT and running southwesterly to Station 2859+85, 20'RT and then continuing southwesterly and southerly along the easterly West Frontage Road shoulder to beyond the project limits.
  - An existing underground gas line beginning at a tee at Station 291+42, 83'LT and running southerly, crossing STH 20 at Station 291+77, and continuing southerly along the westerly IH 94 right of way to beyond the project limits.
  - An existing underground gas line beginning at a tee at Station 295+52, 74'LT and running northeasterly, northerly and easterly, crossing the Northeast Ramp at Station 862NE+20, and continuing easterly to Station 862NE+29, 62'RT where it turns and runs northeasterly along the easterly side of the Northeast Ramp to Station 865NE+40, 74'RT. From there the line continues northeasterly to beyond the project limits.
  - An existing underground gas line beginning at a tee at Station 297+78, 79'LT and running southwesterly, crossing STH 20 at Station 297+79, and continuing southwesterly to Station
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- 297+80, 135'RT. From there the line runs southwesterly to Station 859+23, 52'RT where it turns and runs southwesterly along the easterly IH 94 right of way to beyond the project limits.
- An existing underground gas line beginning at a tee at Station 314+07, 96'LT and running southwesterly, crossing STH 20 at Station 314+13, and continuing southwesterly and southerly along the westerly Galaxy Drive right of way to beyond the project limits.
  - An existing underground gas line beginning beyond the westerly project limits at the intersection of STH 20 and Renaissance Boulevard and running easterly along a line approximately 21' northerly of and parallel to the northerly edge of pave of STH 20 to a tee approximately 53' westerly of the centerline of Renaissance Boulevard. From there the line continues easterly along said parallel line to beyond the project limits.
  - An existing underground gas line beginning at a tee approximately 21' northerly of and parallel to the north edge of pave of STH 20 and approximately 53' westerly of the centerline of Renaissance Boulevard and running southerly, crossing STH 20, and continuing southerly to beyond the project limits.

We Energies also has discontinued underground gas facilities within the project limits in the following locations:

- A discontinued gas line beginning at Station 4867+08, 50'LT and running southeasterly, crossing the West Frontage Road at Station 4867+05, and continuing southeasterly and easterly to beyond the project limits.
- A discontinued gas line beginning at Station 295+58, 75'LT and running southerly, crossing STH 20 at Station 295+88, and continuing southerly along a line approximately 24' westerly of and parallel to the easterly IH 94 right of way to beyond the project limits.

The existing underground gas facilities at the intersection of STH 20 and Renaissance Boulevard will remain in place without adjustment.

Prior to and during construction, We Energies will relocate, reconstruct, remove, discontinue and leave in place their existing underground gas facilities in the following locations:

**WR # 4406167**

**Gas main in conflict:**

STH 20 - Begin 6" PE, Station 271+00, 107'LT – End, Station 273+42, 90'LT  
 STH 20 - Begin 2" PE, Station 268+90, 68'RT – End, Station 273+38, 69'RT  
 STH 20 - NS Crossing 6" PE, Station 273+42, 10'RT – 90'LT  
 STH 20 - Begin 6" Steel, Station 273+30, 10'RT – End, Station 276+75, 00'RL  
 STH 20 - Begin 6" Steel, Station 276+75, 00'RL – End, Station 287+00, 87'LT  
 STH 20 - Begin 6" Steel, Station 287+00, 87'LT – End, Station 292+85, 59'LT  
 STH 20 - Begin 6" Steel, Station 292+85, 59'LT – End, Station 335+90, 97'LT  
 STH 20 - Begin 2" PE, 280+90, 92'RT – End, Station 283+00, 92'RT  
 STH 20 - Crossing 2" Steel, Station 280+90, 56'LT – 92'RT  
 STH 20 - Crossing 6" Steel, Station 291+75, 90'LT – 131'RT  
 STH 20 - Crossing 8" PE, Station 297+79, 79'LT – 135'RT  
 SW ON-RAMP - Begin 6"Steel, Station 862SW+00, 50'LT – End, 858SW+40, 57'LT  
 SE OFF-RAMP - Begin 8"PE, Station 859SE+25, 52'RT – End, 860SE+13, 127'RT  
 STH 20 - Crossing 2"PE, Station 313+50, 95'LT – 108'RT  
 SE Frontage Rd Gas Service Station 3852+80, 18'LT  
 S Sylvania Ave 8"PE, Begin Station 4865+12, 61'RT – End, Station 4867+75, 27'RT  
 S Sylvania Ave 2"PE, Begin Station 4865+12, 71'LT – End, Station 4867+09, 50'RT  
 S Sylvania Ave 2"PE, Begin Station 2859+00, 23'RT – End, Station 2862+00, 14'RT  
 STH 20 Station 6"PE, Begin Station 295+52, 74'LT – End, 297+00, 117'RT

**WR # 4406167**

**Proposed 2" PE Gas Main Installation**

STH 20

Station 268+85, 71'RT (Tie in to existing 2" PE main) – Station 271+64, 71'RT  
Station 313+50, 145'LT – 109' RT (NS Crossing) (Tie in to existing 2" PE main)

South Sylvania Avenue

Station 2859+80, 45'RT – 58'LT (Road Crossing) (Tie in to existing 2" PE main)  
Station 2861+85, 33'RT – Station 2857+77 57'RT  
Station 2857+77, 57'RT – 30'RT (Tie in to existing 2" PE main)

**WR # 4406167**

**Proposed 8" PE Gas Main Installation**

STH 20

Station 271+00, 109'LT (Tie in to existing 6" PE main) – Station 273+25, 115'LT  
Station 273+25, 115'LT – 68'RT (NS Crossing)  
Station 273+25, 68'RT – 274+50, 67'RT  
Station 274+50, 67'RT – 275+75, 87'RT  
Station 275+75, 87'RT – 285+75, 97'RT  
Station 285+70, 96'RT – 93'LT (NS Crossing)  
Station 285+70, 93'LT – Station 291+00, 99'LT  
Station 291+00, 99'LT – 84'RT (NS Crossing)  
Station 291+00, 84'RT – Station 292+53, 182'RT  
Station 297+25, 99'LT – Station 300+00, 94'LT to 306+16, 103'LT  
Station 306+16, 103'LT – Station 306+16, 145'LT  
Station 306+16, 145'LT – Station 315+00, 145'LT  
Station 315+00, 145'LT – Station 315+50, 132'LT  
Station 315+50, 132'LT – Station 322+25, 132'LT  
Station 315+25, 132'LT – Station 322+62, 122'LT  
Station 322+62, 122'LT – Station 325+50, 121'LT  
Station 325+50, 121'LT – Station 326+00, 112'LT  
Station 326+00, 112'LT – Station 331+50, 112'LT  
Station 331+50, 112'LT – Station 332+00, 100'LT  
Station 332+00, 100'LT – Station 335+90, to 97'LT (Tie in to existing 6" PE main)

SW on Ramp

Station 862SW+00, 95'LT – Station 858SW+40, 56'LT (Tie in to existing 6" PE main)

South Sylvania Avenue

Station 4865+20, 86'RT – Station 4865+45, 83'RT to Station 4866+62 44'RT  
Station 4866+62, 44'RT – Station 4867+33, 44'RT  
Station 4867+75, 44'RT – 27' RT (Tie in to existing 8" PE main)

STH 20

Station 297+25, 130'LT – 209'RT (NS Crossing) (Tie in to existing 8" PE main)  
Station 291+00, 99'LT – Station 292+25, 108'LT  
Station 292+25, 108'LT – Station 293+00, 95'LT  
Station 293+00, 95'LT – Station 294+68, 96'LT to 112'LT  
Station 294+68, 112'LT – 297+25, 130'LT

**WR # 4406167**

**Service Crossings**

12813 STH 20 – Station 333+00  
12911 STH 20 – Station 325+30  
13343 STH 20 – Station 304+55  
14116 STH 20 – Station 277+40  
14100 STH 20 – Station 277+60

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722 South Sylvania Avenue – Station 2861+70  
734 South Sylvania Avenue – Station 2859+75  
943 SE Frontage Rd – Station 3852+75

Relocations anticipated to occur from February 3<sup>rd</sup> through April 30<sup>th</sup>, 2020.

We Energies will be installing new gas valves within the project limits. These valve boxes will need to be adjusted as necessary during construction to match the final roadway elevation. We Energies staff will make the adjustment once final grade is established. Contact We Energies Dispatch (800-261-5325) 3 days in advance of paving and grading operations to coordinate adjustment of gas valves. Allow 10 days for the adjustment of gas valves.

The We Energies – Gas contact is Fulya Kicikoglu (414-751-7287).

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

- Along IH 94, at the STH 20 Interchange ramps, along STH 20, along the West Frontage Road, along the East Frontage Road. Construct, reconstruct, relocate, remove, discontinue and leave in place those portions of the communications facilities as shown in the plans.
- At the intersection of STH 20 and Renaissance Boulevard. These facilities will remain in place without adjustment.

WisDOT also has fiber optic communications lines in an existing underground communications duct package owned by AT&T Legacy within the project limits beginning beyond the southerly project limits and running northerly along a line 8' easterly of and parallel to the westerly IH 94 right of way to Station 292+58, 184'RT where it turns and runs northwesterly, crossing STH 20 at Station 291+47, and continues northwesterly to Station 291+13, 64'LT. From there the duct package continues northerly along a line 7' easterly of and parallel to the westerly IH 94 right of way to beyond the project limits. The WisDOT communications line in this duct package will remain in place without adjustment

The WisDOT contact is Jeff Madson (414-225-3723).

**WisDOT** has existing overhead and underground lighting facilities within the project limits in the following locations:

- Along IH 94, at the STH 20 Interchange ramps, along STH 20, at the intersection of the West Frontage Road and STH 20, at the intersection of the East Frontage Road and STH 20. Construct, reconstruct, relocate, remove, discontinue and leave in place those portions of the lighting facilities as shown in the plans.
- At the intersection of STH 20 and Renaissance Boulevard. These facilities at will remain in place without adjustment.

The WisDOT contact is Eric Perea (262-574-5422 office/ 414-750-0935 cell).

**WisDOT** has existing overhead and underground traffic signal facilities at the intersections of STH 20 with the West Frontage Road, with the Southbound IH 94 On and Off Ramps to/from STH 20, with the Northbound On and Off Ramps to/from STH 20, with the East Frontage Road, and with Renaissance Boulevard.

Construct, reconstruct, relocate, remove, discontinue and leave in place those portions of traffic signal facilities as shown in the plans.

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The WisDOT contact is Matthew Cowap (262-521-4404 office/ 414-750-1748 cell).

**Yorkville Sewer Utility District No.1 has existing sanitary sewer facilities within the project limits in the following locations:**

- An existing sanitary sewer beginning beyond the southerly project limits and running northwesterly to a manhole at Station 277+89, 134'RT where it turns and runs northeasterly, crossing STH 20 at Station 277+94, and continuing northeasterly beyond the project limits. This line will remain in place without adjustment.
- An existing sanitary sewer beginning beyond the northerly project limits and running southerly to a manhole at Station 280+13, 74'LT where it turns and runs southeasterly along a line approximately 28' southwesterly of the northeasterly STH 20 right of way to a manhole at Station 288+09, 74'LT. From there the line continues southeasterly along said parallel line, crossing IH 94 at Station 863+28, and continuing southeasterly and ending at a manhole at Station 295+47, 88'LT. This line will remain in place without adjustment.
- An existing sanitary sewer beginning at a manhole at Station 288+09, 74'LT and running southwesterly, crossing STH 20 at Station 288+10, and continuing southwesterly to a manhole at Station 288+12, 119'RT. From there the line runs southerly to beyond the project limits. This line will remain in place without adjustment.
- An existing sanitary sewer beginning at a manhole at Station 288+12, 119'RT and running southeasterly along a line 16' southwesterly of and parallel to the southwesterly STH 20 right of way to a manhole at Station 290+69, 117'RT. From there the line runs southerly to beyond the project limits. This line will remain in place without adjustment.
- An existing sanitary sewer beginning at a manhole at Station 2861+83, 67'LT and running southwesterly to a manhole at Station 2858+73, 50'LT and then continuing southerly along the west side of the West Frontage Road to beyond the project limits. This line will remain in place without adjustment.

Adjust and reconstruct the sanitary manholes as shown in the plans.

The Yorkville Sewer Utility District No. 1 contact is Mark Madsen (262-634-5588) of Nielsen, Madsen & Barber Engineers.

**Yorkville Water Utility District has existing underground water facilities within the project limits in the following locations:**

- An existing water main beginning at Station 271+27, 108'LT and running southeasterly along a line 10' southwesterly of and parallel to the northeasterly STH 20 right of way to Station 276+00, 106'LT where it turns and runs southwesterly, crossing STH 20 at Station 275+97, and continues southwesterly to Station 275+94, 81'RT. From there the main runs southeasterly along a line 20' northwesterly of and parallel to the southwesterly STH 20 right of way to Station 277+08, 85'RT where it turns and runs southeasterly to Station 278+19, 70'RT. From there the main continues southeasterly to Station 280+29, 76'RT where it turns and runs southeasterly to Station 281+04, 113'RT and then runs southeasterly to Station 286+10, 115'RT. From there the main continues southeasterly to Station 286+56, 113'RT where it turns and runs southwesterly along a line approximately 12' westerly of and parallel to the westerly West Frontage Road right of way to Station 2858+41, 66'LT. From there the line runs southerly to beyond the project limits. This main will remain in place without adjustment.
  - An existing water main beginning at Station 2859+76, 16'RT and running southwesterly to Station 2858+80, 19'RT where it turns and runs southerly along the east side of the West Frontage Road to beyond the project limits. This main will remain in place without adjustment.
  - An existing water main beginning at a tee at Station 278+19, 70'RT and running northeasterly, crossing STH 20 at Station 278+18, and then continuing northeasterly to beyond the project limits. This main will remain in place without adjustment.
  - An existing water main beginning at a tee at Station 286+10, 115'RT and running northeasterly, crossing STH 20 at Station 286+03, and continuing northeasterly to Station 286+03, 84'LT where it
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turns and runs northeasterly to Station 286+20, 97'LT. From there the main runs southeasterly to Station 286+68, 98'LT where it turns and runs northeasterly to Station 4865+73, 54'LT. From there the main runs northeasterly along a line approximately 7' easterly of and parallel to the westerly right of way of the West Frontage Road to beyond the project limits. This main will remain in place without adjustment.

- An existing water main beginning at a tee at Station 4867+21, 45'LT and running southeasterly, crossing the West Frontage Road at Station 4867+14, and continuing southeasterly and ending at Station 4867+09, 38'RT. This main will remain in place without adjustment.

Install, relocate, reconstruct, adjust, or leave in place the water valves, insulating board and hydrants as shown in the plans.

The Yorkville Water Utility District contact is Mark Madsen (262-634-5588) of Nielsen, Madsen & Barber Engineers.

### **Project 1033-02-76 (International Drive)**

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

- An existing underground communications line beginning beyond the westerly project limits and running easterly along a line approximately 15' north of and parallel to the southerly STH 20 right of way, crossing International Drive, and continuing easterly to beyond the project limits. This line will remain in place without adjustment.
- An existing underground communications line beginning beyond the southerly project limits and running northerly along a line approximately 14' west of and parallel to the existing westerly curb line of International Drive and ending at a pedestal approximately 15' north of the southerly STH 20 right of way. This line will remain in place without adjustment.

The AT&T Wisconsin contact is Mike VanBoven (262-636-0514 office/ 262-676-3958 cell).

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

- An existing underground communications line beginning beyond the westerly project limits and running easterly along a line approximately 14' north of and parallel to the southerly STH 20 right of way, crossing International Drive, and continuing easterly to beyond the project limits. This line will remain in place without adjustment.

The Charter Communications contact is Neil Long (414-277-4271/ 414-430-7189 cell).

**Mount Pleasant, Village of – Lighting** has existing lighting facilities consisting of light poles and underground electric lines along the east and west curb lines of International Drive throughout the project limits. These facilities will remain in place without adjustment.

The Village of Mount Pleasant – Lighting contact is Mark Benish (262-664-7844).

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

- An existing underground sanitary sewer beginning beyond the southerly project limits and running northerly along the centerline of International Drive to a manhole at Station 118+67, 01'LT. From there the line continues northerly along the centerline to a manhole at the intersection of the centerline of International and Globe Drives and then continues northerly to a manhole at Station 134+66, 36'RT. From there the line continues northerly to beyond the project limits. This line will remain in place without adjustment. The Village of Mount Pleasant will adjust sanitary manholes
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during construction in conjunction with paving operations. Allow 3 days for the adjustment of sanitary manholes.

- An existing underground sanitary sewer beginning at a manhole at Station 118+67, 01'LT and running easterly to beyond the project limits. This line will remain in place without adjustment.
- An existing underground sanitary sewer beginning at a manhole at Station 118+67, 01'LT and running westerly to beyond the project limits. This line will remain in place without adjustment.
- An existing underground sanitary sewer beginning at a manhole at the intersection of the centerline of International and Globe Drives and running westerly to beyond the project limits. This line will remain in place without adjustment.
- An existing underground sanitary sewer beginning beyond the westerly project limits and running easterly along a line approximately 8' south of and parallel to the southerly STH 20 right of way to a manhole at Station 134+66, 36'RT. From there the line continues easterly along said parallel line to beyond the project limits. This line will remain in place without adjustment.

The Village of Mount Pleasant – Sewer contact is Tony Beyer (262-664-7849).

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

- An existing underground water main beginning beyond the southerly project limits and running northerly along a line approximately 10' easterly of and parallel to the westerly curb line of International Drive to Station 118+80, 29'LT. From there the line continues northerly to Station 126+41, 31'LT and then continues northerly to beyond the project limits. This line will remain in place without adjustment. The RWWC will adjust water valves during construction in conjunction with paving operations. Allow 3 days for the adjustment of water valves.
- An existing underground water main beginning at Station 118+80, 29'LT and running easterly to beyond the project limits. This line will remain in place without adjustment. The RWWC will adjust water valves during construction in conjunction with paving operations. Allow 3 days for the adjustment of water valves.
- An existing underground water main beginning at Station 126+41, 31'LT and running westerly along a line approximately 3' north of the southerly curb line of Globe Drive to beyond the project limits. This line will remain in place without adjustment. The RWWC will adjust water valves during construction in conjunction with paving operations. Allow 3 days for the adjustment of water valves.

The Racine Water Works Commission contact is Chad Regalia (262-497-4611).

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

- An existing underground electric line beginning beyond the southerly project limits and running northerly along a line approximately 15' westerly of and parallel to the westerly right of way of International Drive to Station 121+87, 65'LT. From there the line continues northerly along said parallel line to a transformer at Station 125+63, 65'LT and then continues northerly, crossing Globe Drive and continuing northerly and ending at an underground electric line 10' north of and parallel to the existing southerly STH 20 right of way. This line will remain in place without adjustment.
- An existing underground electric line beginning at Station 121+87, 65'LT and running easterly, crossing International Drive, and continuing easterly to beyond the project limits. This line will remain in place without adjustment.
- An existing underground electric line beginning at a transformer at Station 125+63, 65'LT and running easterly, crossing International Drive, and continuing easterly to beyond the project limits. This line will remain in place without adjustment.
- An existing underground electric line beginning beyond the westerly project limits and running easterly along a line 10' north of and parallel to the existing southerly STH 20 right of way, crossing International Drive, and continuing easterly to beyond the project limits. This line will remain in place without adjustment.

The We Energies – Electric contact is Mark Fahey (414-944-5654 office/ 414-507-7193 cell).

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

- An existing underground gas line beginning beyond the southerly project limits and running northerly along a line approximately 5' easterly of and parallel to the easterly curb line of International Drive to beyond the northerly project limits. This line will remain in place without adjustment.
- An existing underground gas main beginning beyond the westerly project limits and running easterly along the southerly Globe Drive right of way, crossing International Drive, and continuing easterly and ending at an underground gas line 5' east of the easterly curb line of International Drive. This line will remain in place without adjustment.

The We Energies – Gas contact is Fulya Kicikoglu (414-751-7287).

**WisDOT** has existing lighting facilities within the project limits consisting of light poles, underground electric lines and cabinets at the intersection of STH 20 and International Drive. These facilities will remain in place without adjustment.

The WisDOT contact is Eric Perea (262-574-5422 office/ 414-750-0935 cell).

**WisDOT** has existing traffic signal facilities within the project limits consisting of signal poles, pull boxes, underground electric lines and cabinets at the intersection of STH 20 and International. These facilities will remain in place without adjustment.

The WisDOT contact is Matthew Cowap (262-521-4404 office/ 414-750-1748 cell).

**12. DELETED.**

**17. Erosion Control**

*Add the following to the end of the article:*

Dust generated by project activities needs to be controlled to the maximum extent practicable through water or chemical application. The contractor needs to provide a plan for controlling dust, which should include a plan for cleaning sediment tracked from the project site from active roadway surfaces, which commonly generates dust.

**65. Optimized Aggregate Gradation Incentive, Item 715.0710**

*Replace entire subsection titled **Optimized Aggregate Gradation** under section titled **A Description** with the following:*

**Optimized Aggregate Gradation**

*Replace standard spec 715.2.2 with the following:*

A Job Mix Formula (JMF) contains all of the following:

Proportions for each aggregate fraction conforming to table 1.

Individual gradations for each aggregate fraction.

Composite gradation of the combined aggregates including working ranges on each sieve according to table 2.

Submit the target JMF and aggregate production gradation test results to the engineer for review 10 business days before initial concrete placement.

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**TABLE 1 TARANTULA CURVE GRADATION BAND**

SIEVE SIZES	PERCENT RETAINED
2 in.	0
1 1/2 in.	≤5
1 in.	≤16
3/4 in.	≤20
1/2 in.	4-20
3/8 in.	4-20
No. 4	4-20
No. 8 <sup>[1]</sup>	≤12
No. 16 <sup>[1]</sup>	≤12
No. 30 <sup>[1] [2]</sup>	4-20
No. 50 <sup>[2]</sup>	4-20
No. 100 <sup>[2]</sup>	≤10
No. 200 <sup>[2]</sup>	≤2.3

<sup>[1]</sup> Minimum of 15% retained on the sum of the #8, #16, and #30 sieves.

<sup>[2]</sup> Conform to 24-34% retained of fine sand on the #30-200 sieves.

**TABLE 2 JMF WORKING RANGE**

SIEVE SIZES	WORKING RANGE <sup>[1]</sup> (PERCENT)
2 in.	±5
1 1/2 in.	±5
1 in.	±5
3/4 in.	±5
1/2 in.	±5
3/8 in.	±5
No. 4	±5
No. 8	±4
No. 16	±4
No. 30	±4
No. 50	±3
No. 100	±2
No. 200	≤ 1.6

<sup>[1]</sup> Working range limits of composite gradation based on moving average of 4 tests.

Test each component aggregate once per 1,500 cubic yards during concrete production. Take samples by one of the following sampling methods:

1. At the belt leading to the weigh hopper.
2. Working face of the stock piles at the concrete plant if approved by the engineer.

The department will take independent QV samples using the same sampling method the contractor uses for QC sampling. QV samples may be taken by the contractor's QC personnel if witnessed by the department's QV personnel. The department will split each QV sample and retain half for all dispute resolutions. If QV test results conform to the specification, the department will take no further action.

If QV test results are nonconforming, add the QV to the QC test results as if it were an additional QC test.

If, during concrete production, the moving average of four for any sieve fall outside the allowable JMF working range do the following:

1. Notify the engineer of the test results within 1 business day from the time of sampling.
2. Make immediate adjustments to the JMF, within the limits specified in Table 3.
3. Review JMF adjustments with the engineer. Both the contractor and engineer will sign the adjusted JMF if the adjustments comply with Table 3.
4. If the moving average of four falls outside the adjusted allowable working range, stop production and provide a new mix design including JMF to the engineer.

**TABLE 3 ALLOWABLE JMF ADJUSTMENTS**

SIEVE SIZES	ALLOWABLE ADJUSTMENT (PERCENT)
≥ No. 4	±5
No. 8 – No. 30	±4
No. 50	±3
No. 100	±2

**71. Roadway Embankment, Item SPV.0035.0003**

*Replace entire section titled D Measurement with the following:*

**D Measurement**

The department will measure Roadway Embankment without any correction for shrinkage or expansion factors by the cubic yard acceptably completed in its final location using the method of average end areas, except as follows:

- a) The engineer and contractor mutually agree to an alternative volume calculation method.
- b) If it is not possible to compute volumes of the various classes of roadway and drainage embankment by the method of average end areas due to erratic location of isolated deposits, the department may compute the volumes by three-dimensional measurements.”

**76. Baseline CPM Progress Schedule, Item SPV.0060.0005;  
Monthly CPM Progress Schedule Updates 1033-02-71, Item SPV.0060.0006;  
Monthly CPM Progress Schedule Updates 1033-02-76, Item SPV.0060.0007.**

*Add the following to section titled 108.4.4.3 Monthly CPM Updates:*

(3) The department will only make progress payments for the value of materials, as specified in standard specification 109.6.3.2, until the contractor has submitted the monthly CPM Updates. The department will retain 10 percent of each estimate until the department accepts the monthly CPM Update.

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**100. Survey Project 1033-02-71, Item SPV.0105.0001; Survey Project 1033-02-76, Item SPV.0105.0002.**

*Add the following to the list of items under section titled **1033-02-71**:*

- subgrade
- pipe culverts
- drain structures
- electrical installations
- permanent concrete barrier
- temporary concrete barrier

**110. Field Office Special, Item SPV.0135.0001**

*Replace paragraph ten under section titled **B Materials** with the following:*

Provide at least 10 high speed broad band internet connections at upload and download speeds ranging from 20 - 50 Megabits/second (Mbps) and a minimum upload speed of 5 Mbps. Use a minimum of "small office networking" package, including a Dynamic IP Address (DHCP), a wireless router, a Digital Subscriber Loop (DSL) or Cable Modem Router. The package shall accommodate IPsec based VPN products.

**114. Electrical Conduit.**

*Replace standard spec 652.5 (2) with the following:*

(2) Payment for Conduit Rigid Metallic, Conduit Rigid Nonmetallic, Conduit Reinforced Thermosetting Resin, and Conduit Special bid items is full compensation for providing the conduit, conduit bodies, and fittings; for providing all conduit hangers, clips, attachments, and fittings used to support conduit on structures; for pull wires or ropes; for expansion fittings and caps; for making necessary connections into existing pull box, manhole, junction box, or communication vault; for excavating, bedding, and backfilling, including any sand, concrete, or other required materials; for disposing of surplus materials; and for making inspections.

*Replace standard spec 652.5 (5) with the following:*

(5) Payment for Conduit Loop Detector is full compensation for providing all materials, including conduit, compacted backfill, surface sealer if required, pull wire if required, condulets, conduit fittings, and for making necessary connections into existing pull box, manhole, junction box or communication vault.

**115. Concrete Curb & Gutter HES 6-Inch Sloped 36-Inch Type A, Item SPV.0090.0005.**

**A Description**

This special provision describes constructing concrete curb and gutter using high early strength concrete according to the requirements of standard spec 601 as shown on the plans and directed by the engineer.

**B Materials**

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Provide concrete that conforms to the requirements for high early strength concrete according to standard spec 501.

**C Construction**

Construct according to the requirements of standard spec 601.3 and as shown on the plans.

**D Measurement**

The department will measure Concrete Curb & Gutter HES 6-Inch Sloped 36-Inch Type A by the linear foot acceptably completed.

**E Payment**

*Replace standard spec 650.5 with the following:*

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.0005	Concrete Curb and Gutter HES 6-Inch Sloped 36-Inch Type A	LF

Payment is full compensation according to standard spec 601.5.

**116. Install Camera Assembly, Item 677.0200.**

*Replace 677.3 (8) of the standard specifications with the following:*

(8) For temporary traffic signal camera installations, provide camera cables on the temporary traffic signal span wire as directed by the engineer. Provide continuous cable runs without splices between the camera assembly and the camera controller assembly.

**117. Temporary Non-Intrusive Vehicle Detection System for Intersections, IH-94 West Frontage Rd & CTH C/Spring St, Item SPV.0105.3022. IH-94 East Frontage Rd & CTH C/Spring St, Item SPV.0105.3023.**

**A Description**

This work shall consist of furnishing, installing, maintaining and placing into operation a temporary non-intrusive vehicle detection system (NIVDS) as shown on the plans, and as directed by the engineer in the field.

**B Materials**

This specification sets forth the minimum requirements for a system that detects vehicles on a roadway and provides detection outputs to a traffic signal controller. The materials shall also include all brackets, mounting hardware, cable, terminations, interface panels, and all other incidentals for the installation of the non-intrusive vehicle detection equipment. This equipment shall meet the NEMA environmental, power and surge ratings as set forth in NEMA TS2 specifications.

All detection equipment, components, and terminations supplied under this item shall be fully compatible with the temporary traffic signal controller supplied for the project. The system architecture shall fully support Ethernet networking of system components. All required interface equipment needed for transmitting and receiving data shall be provided with the NIVDS.

The NIVDS shall provide flexible detection zone placement anywhere and at any orientation. Preferred detector configurations shall be detection zones placed across lanes of traffic for optimal count accuracy, detection zones placed parallel to lanes of traffic for optimal presence detection accuracy of moving or stopped vehicles. Detection zones shall be able to be overlapped for optimal road coverage.

---

### C Construction

The temporary NIVDS shall be installed by supplier factory-certified installers and as recommended by the supplier and documented in installation materials provided by the supplier.

In the event, at installation or turn on date, a noticeable obstruction is present in line with the detection zone(s), the contractor **shall** be obligated to advise the engineer before setting the zone.

The non-intrusive vehicle detection system, as shown in the traffic signal construction plans, **shall** be complete, in place, tested, and in full operation during each stage of construction.

Maintain all temporary vehicle detection zones as the plans show or as the engineer directs. The temporary vehicle detection zones shall be set near the vicinity and with approximate distance from the stop bar as shown on the plans. Check temporary vehicle detection zones every other week and at the opening of each stage of temporary traffic signal operation to ensure that they are working properly and aimed properly. Periodic adjustment of the detection zones and/or moving of the temporary vehicle detection sensors may be required due to changes in traffic control, staging, or other construction operations.

Ensure the non-intrusive vehicle detection system stays in clean working order. Periodic cleaning of the equipment may be required due to dirt and dust build-up.

### D Payment

The department will measure Temporary Vehicular Video Detection System for Intersections (Location) as a single lump sum unit of work, acceptably completed.

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.3022	Temporary Non-Intrusive Vehicle Detection System for Intersections, IH-94 West Frontage Rd & CTH C/Spring St	LS

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.3023	Temporary Non-Intrusive Vehicle Detection System for Intersections, IH-94 East Frontage Rd & CTH C/Spring St	LS

Payment is full compensation for furnishing and installing the temporary non-intrusive vehicle detection system, including cabling, mounting brackets, mounting hardware, terminations, interface panels, testing and set up; for periodic checking and resetting of detection zones; for periodic cleaning for dirt and dust build-up; and for removing all equipment at the completion of the project.

118. **Temporary Traffic Signal for Intersections IH-94 West Frontage Rd & CTH C/Spring St, Item 661.0200.3006. Temporary Traffic Signal for Intersections IH-94 East Frontage Rd & CTH C/Spring St, Item 661.0200.3007.**

*Replace 661.2.1 (1) of the standard specifications with the following:*

(1) Furnish control cabinet and control equipment. The Department will supply, maintain, and install a signal controller, cellular modem, and ethernet switch to establish remote communication to the signal controller and vehicle detection system. The cabinet must be equipped with a 6-circuit Isotel independent of the GFI receptacles. Provide a cabinet with a Corbin #2 door lock and an access door that allows placing the controller in emergency flash. Provide keys to the access door to the engineer and law enforcement agencies as required. Also provide a manual control accessible by the police. Test traffic signal control cabinets before installation. The Department will provide the signal controller with the initial traffic signal timing, and the Department will be responsible for all subsequent signal timing changes.

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*Replace 661.2.1 (3) of the standard specifications with the following:*

(3) The Department has initiated the installation of the temporary electrical service with the electrical utility as it pertains to the service application and site sketch at the intersections of IH-94 West Frontage Road & CTH C/Spring Street and IH-94 East Frontage Road & CTH C/Spring Street to expedite the process. Contact Parwinder Virk at (262) 548-6717 to coordinate the temporary electrical service. The Department will pay for all installation and Energy Costs associated with the operation of the Temporary Traffic Signal. It is the contractor's responsibility to contact the electrical utility as it pertains to the affidavit and site ready card to arrange timely installation of the temporary service. If the control cabinet is not mounted on the electrical service pole, add a second electrical service disconnect to the outside of the control cabinet for the convenience of emergency personnel.

Contact the local electrical utility at least four days prior to making the switch from the Temporary Traffic Signal to the new Permanent Traffic Signal.

*Append 661.2.1 (6) of the standard specifications with the following:*

(6) Control equipment or controller equipment is defined as anything inside the control cabinet excluding the department furnished signal controller, cellular modem, and ethernet switch.

*Replace 661.3.1 (2) of the standard specifications with the following:*

(2) Request a signal inspection of the completed temporary traffic signal installation to the engineer at least five working days prior to the time of the requested inspection. Notify the SE Region Electrical Field Unit at (414) 266-1170 to coordinate the inspection. The SE Region electrical personnel will perform the inspection.

*Append 661.3.1.4 (4) of the standard specifications with the following:*

(4) Arrange for every other week inspections with the engineer to check the height of the span wire above the roadways to ensure that the bottom of the traffic signal heads remain within the minimum and maximum heights allowed above the roadway. Make all height adjustments within 1-hour of an inspection indicating that adjustments are required. Notify the engineer in writing upon completion of all necessary adjustments. Maintain a written log to properly document the date of each every other week inspection, the heights above the roadway, the roadway clearance after adjustments have been made, and acceptance by the engineer. Provide all documentation related to the every other week span wire height checks as well as all records related to maintenance performed on the temporary traffic signal installations to the engineer.

*Replace 661.3.2.6 (2) of the standard specifications with the following:*

(2) Upon completion of signal work on STH 20, return the previous traffic control to the intersection. Remove signal cable and wires, wood poles, wood posts, control cabinet, control equipment, and incidental materials. Upon deactivation of the controller, call the electrical utility immediately for the temporary electrical service disconnect. The department shall remove the signal controller, cellular modem, and ethernet switch.

*Replace 661.3.2.6 (3) of the standard specifications with the following:*

(3) Remove the temporary traffic signal faces the same day the intersection is returned to the previous traffic control.

*Replace 661.3.2.6 (4) of the standard specifications with the following:*

(4) Remove the wood poles and wood posts within 3 working days of the intersection returning to the previous traffic control.

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*Append 661.3.2.6 (6) of the standard specifications with the following:*

(6) Remove the CCTV camera, hardware, mounting brackets and cabling from the temporary traffic signal installation and return it to the department.

*Replace 661.3.2.7 (2) of the standard specifications with the following:*

(2) Respond within one hour of notification to provide corrective action to any emergency such as but not limited to knockdowns, signal cable problems, and controller equipment failures. If equipment becomes damaged or faulty beyond repair, replace it within one working day. In order to fulfill this requirement, maintain, in stock, sufficient materials and equipment to provide repairs. Replace the traffic signal control equipment including the cabinet and cabinet accessories within 4 hours. If the outcome of the response identifies damage to the department furnished signal controller, notify the Traffic Management Center at (800) 375-7302 who will then dispatch the SE Region Electrical Field Unit

*Replace 661.5 (2) of the standard specifications with the following:*

(2) Payment for the Temporary Traffic Signals for Intersections bid item is full compensation for providing, maintaining, and repairing the complete temporary installation; and for removal. Payment also includes the following:

1. Furnishing and installing replacement equipment.
2. The cost of delivery and pick-up of the cabinet assemblies.

Payment is full compensation for drilling holes; furnishing and installing all materials, including bricks, and coarse aggregate; for excavation, bedding, and backfilling, including any sand or other required materials; furnishing and placing topsoil, fertilizer, seed, and mulch in disturbed areas; for properly disposing of surplus materials; for making inspections; for cleaning up and properly disposing of waste; for removing and delivering the CCTV camera, hardware, mounting brackets and cabling from the temporary traffic signal installation to the department; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

### **Schedule of Items**

Attached, dated February 4, 2020, are the revised Schedule of Items Pages 1 – 28.

### **Plan Sheets**

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

Revised: 4, 52, 62-70, 85, 106, 153-154, 309, 312, 355-356, 360, 362, 373, 381-383, 388, 392, 455, 456-457, 458-460, 463, 464-466, 479-481, 482-483, 485, 487, 488-489, 490, 491-492, 599-600, 609, 855-858, 863-866, 870-874, 925-929, and 977-984.

Added: 61A, 198A-198J, 198K-198T, 212A, 295A-295C, 295D-295F, 325A, 490A, 521A, 521B, 558A, 558B, 762A, 867A, 874A, and 929A-929B.

END OF ADDENDUM

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GENERAL NOTES

NO GRINDING OF PAVEMENT MARKING REMOVALS WILL BE ALLOWED.

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATION AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

ALL HOLES OR OPENINGS BELOW SUBGRADE RESULTING FROM ABANDONMENT OR REMOVAL OF EXISTING STRUCTURES SHALL BE FILLED WITH GRANULAR BACKFILL AND PAID FOR AS INCIDENTAL TO THE ABANDON OR REMOVAL ITEM.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLANS AND PROVIDE DOCUMENTATION TO ENGINEER IN ACCORDANCE WITH SPECIFICATIONS.

INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.

THE QUANTITY OF SALVAGED TOPSOIL IS COMPUTED FROM MEASUREMENTS BETWEEN THE SUBGRADE SHOULDER POINTS AND THE SLOPE INTERCEPTS AS SHOWN ON THE CROSS SECTIONS PLUS 5 FEET FOR ROUNDING.

CURB HEIGHTS AT THE END OF CURB AND GUTTER SHALL BE TAPERED FROM 0 TO 4 INCHES OR 0 TO 6 INCHES IN 6 FEET.

CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE. CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE, UNLESS OTHERWISE NOTED IN THE PLANS.

EXISTING DRIVEWAYS AND FIELD ENTRANCES SHALL BE RESTORED IN KIND AS DIRECTED BY THE ENGINEER IN THE FIELD AND AT THE LOCATION DETERMINED BY THE ENGINEER.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLANDS.

BROKEN CONCRETE CONTAINING RE-BAR SHALL NOT BE USED AS RIPRAP OR HEAVY RIPRAP.

CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE REPLACED WITH 4-INCH TYPICAL DEPTH.

A SAWED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MEETS EXISTING ASPHALTIC CONCRETE SURFACE.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

REMOVAL OF EROSION CONTROL DEVICES IS INCLUDED IN THE COST OF THEIR RESPECTIVE BID ITEMS.

THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, EROSION MATTED AND SEEDED AS DIRECTED BY THE ENGINEER.

1 CONCRETE LONGITUDINAL JOINTS TO BE CONSTRUCTED AT A 15' MAXIMUM SPACING.

THE REMOVAL OF ANY MESH OR REINFORCEMENT PRESENT IN EXISTING CONCRETE PAVEMENT WILL BE CONSIDERED INCIDENTAL TO THE REMOVING PAVEMENT ITEM. INLET PROTECTION IS REQUIRED AT ALL INLETS AS PER DETAIL OR AS DIRECTED BY THE ENGINEER.

CONCRETE MEDIAN SLOPED NOSE SHALL BE CONSTRUCTED FOR ALL MEDIAN OPENINGS AT INTERSECTIONS WITH CURB & GUTTER.

HMA PAVEMENT AND CONCRETE DRIVEWAYS OR PARKING LOTS SHALL BE SAWCUT AT THE MATCHLINE AS SHOWN ON THE PAVING DETAILS OR AS DIRECTED BY THE ENGINEER.

-A CONVERSION FACTOR OF 1.9 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR SELECT CRUSHED MATERIAL.

-A CONVERSION FACTOR OF 2.1 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE 3/4-INCH.

-A CONVERSION FACTOR OF 2.0 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE 1 1/4-INCH.

-A CONVERSION FACTOR OF 112 LB/SY/IN IS USED TO ESTIMATE QUANTITIES FOR HMA PAVEMENT.

EXISTING PIPE CULVERT SIZES AND CONCRETE BOX CULVERT SIZES SHOWN ARE APPROXIMATE AND CONTRACTOR WILL BASE BID ON THE ACTUAL FIELD CONDITIONS.

HMA PAVEMENT, TEMPORARY SHALL BE CONSTRUCTED IN A SINGLE LAYER.

ALL TYPES OF HMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYERS AND GRADATIONS:

PAVEMENT TYPE	TOTAL LAYER PAVEMENT THICKNESS	LAYERS
4 MT 58-28S	7.5'	2" UPPER LAYER
3 MT 58-28S	7.5'	2 3/4" UPPER-LOWER LAYER
3 MT 58-28S	7.5'	2 3/4" LOWER-LOWER LAYER
4 MT 58-28H	2.0'	2" UPPER LAYER

A

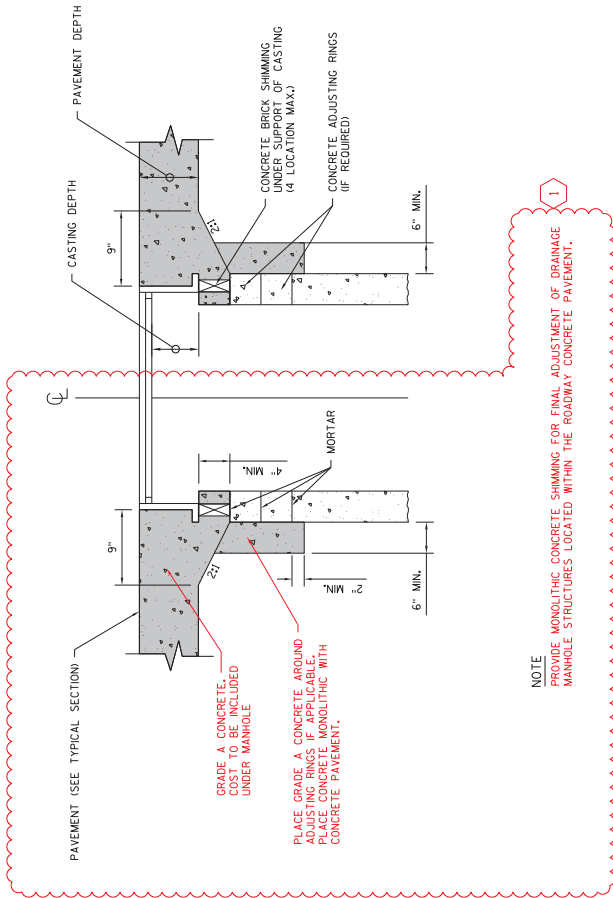
B

ALL EXISTING STREET NAME SIGNS WILL BE REMOVED AND REPLACED BY THE TOWN OF YORKVILLE OR THE VILLAGE OF MOUNT PLEASANT.

COORDINATE WITH THE RACINE COUNTY PLANNING AND DEVELOPMENT DIRECTOR, JULIE ANDERSON, AT 262-886-8470 TO PERPETUATE SECTION CORNERS 10 DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION OPERATIONS.

Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet  
February 4, 2020

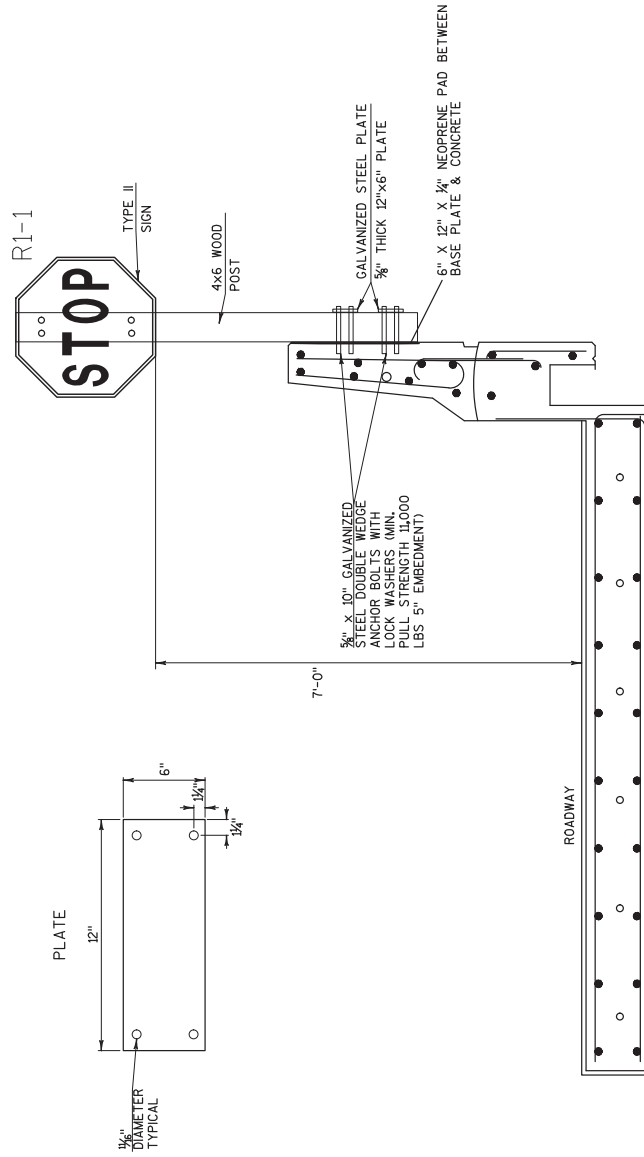
Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 52  
 February 4, 2020



MONOLITHIC CONCRETE SHIMMING DETAIL

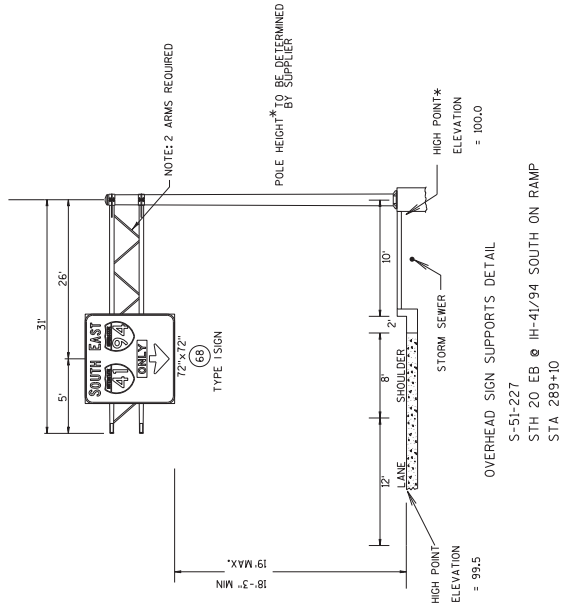
PROJECT NO: 1033-02-71/76	HWY: IH 94/STH 20	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET 52	E
FILE NAME : S:\NF_incl\Des\gm\20\10330271.LN\Records\cds\021001.ccd.dgn					
PLOT DATE : 31-JAN-2020 13:51					
PLOT BY : MSCDIS					
PLOT NAME : 021001.ccd					
PLOT SCALE : 2:1					
WISDOT/CADDIS SHEET 42					

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet  
February 4, 2020



PROJECT NO: 1033-02-71/76	HWY: STH 20	COUNTY: RACINE	SIGN SUPPORTS SPECIAL MOUNTING - TYPICAL	SHEET 61A	E
FILE NAME : J:\PROJECTS\02-10330294\71\ASIGN\023101.LPS.DWG					
LAYOUT NAME - 50NSUP5CLMNTG-2					
PLOT DATE : 1/22/2020 7:24 AM					
PLOT BY : VANDE LEEST, CYNTHIA PLOT NAME :					
PLOT SCALE : 1 IN:200 FT					
WSDOT/CADD SHEET 42					

Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 62  
February 4, 2020



CONTRACTOR TO USE SDD 36" DIAMETER CANTILEVER OVERHEAD SIGN SUPPORT BASE

IBEAMS - W5X3.7 IBEAMS FOR MOUNTING SIGNS  
ARE INCIDENTAL TO TYPE 1 SIGNS

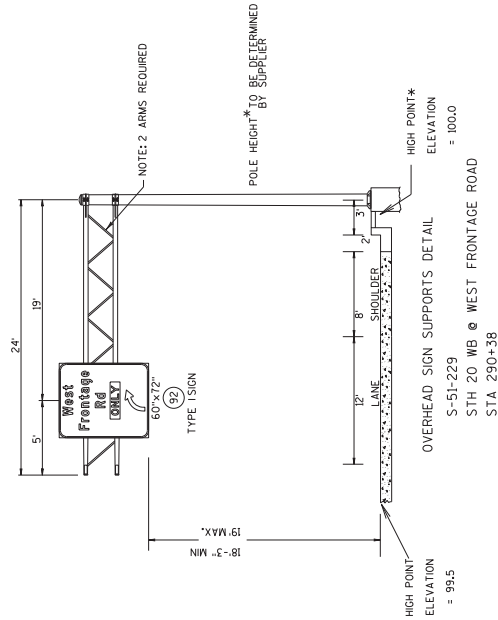
GENERAL NOTES

1. DRAWINGS NOT TO SCALE.
2. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY 1 CANTILEVERS.
3. THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
4. WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

NOTE, CONTRACTOR SHALL:

1. SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT TO TOM HEYDELL & BOS. FOOTING IS INCIDENTAL TO OVERHEAD SIGN SUPPORT.
2. PROVIDE DESIGN CALCULATIONS.
3. SHOW SIGNS ON SHOP DRAWINGS.
4. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.
5. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
6. REFER TO SIGN PLATE A4-7.4 FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT
7. INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 63  
February 4, 2020



GENERAL NOTES

1. DRAWINGS NOT TO SCALE.
2. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY ICANTILEVERS.
3. THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
4. WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

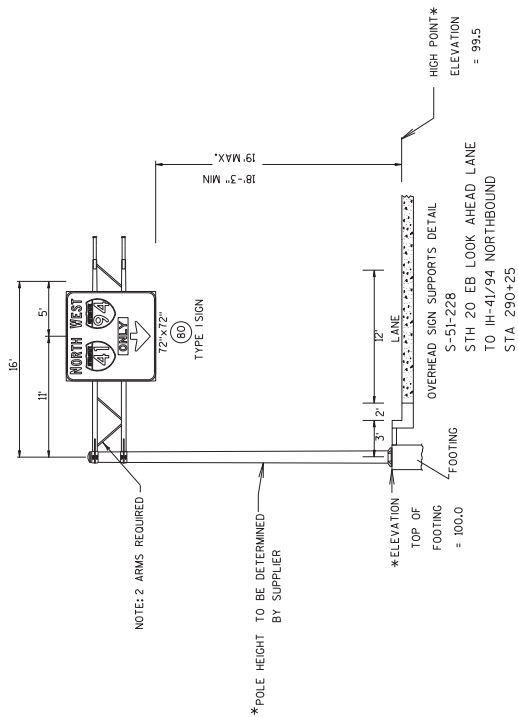
NOTE, CONTRACTOR SHALL:

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2. PROVIDE DESIGN CALCULATIONS.
3. SHOW SIGNS ON SHOP DRAWINGS.
4. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.
5. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
6. REFER TO SIGN PLATE A4-7.4 FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT
7. INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

CONTRACTOR TO USE SDD 36" DIAMETER CANTILEVER OVERHEAD SIGN SUPPORT BASE

IBEAMS - W5X3.7 IBEAMS FOR MOUNTING SIGNS ARE INCIDENTAL TO TYPE 1 SIGNS

Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 64  
February 4, 2020



CONTRACTOR TO USE SDD 36" DIAMETER CANTILEVER OVERHEAD SIGN SUPPORT BASE

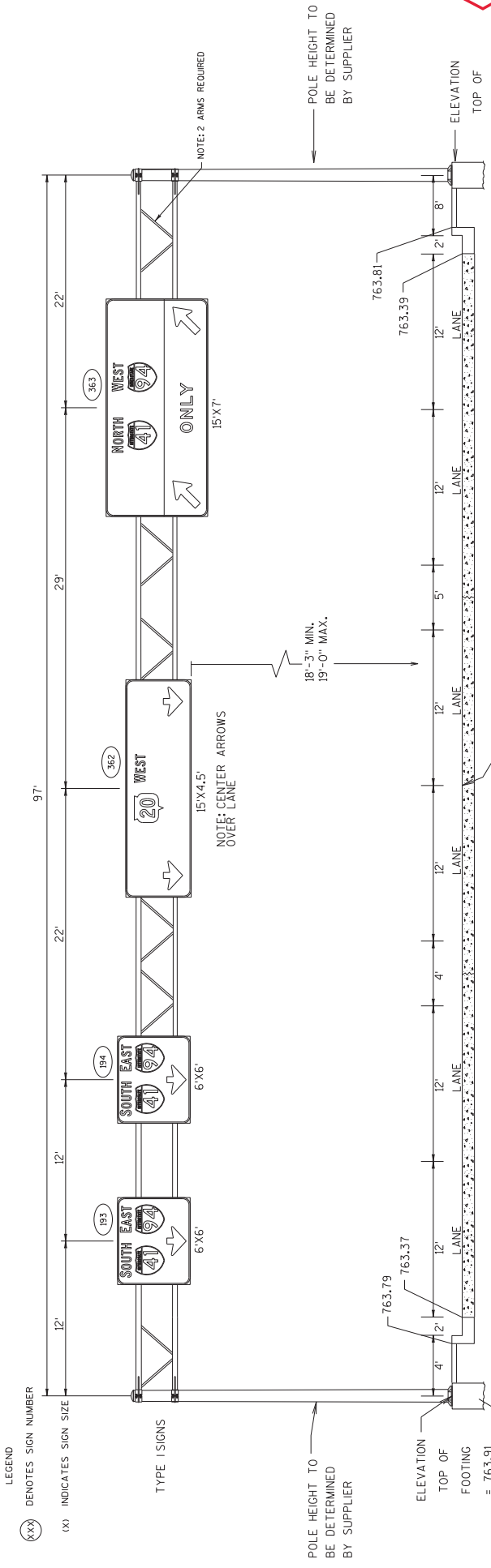
IBEMS - W5X3.7 BEAMS FOR MOUNTING SIGNS  
ARE INCIDENTAL TO TYPE ISIGNS

GENERAL NOTES

1. DRAWINGS NOT TO SCALE.
2. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY 1 CANTILEVERS.
3. THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
4. WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

NOTE, CONTRACTOR SHALL:

1. SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT, TO TOM HEYDELL & BOS. FOOTING IS INCIDENTAL TO OVERHEAD SIGN SUPPORT.
2. PROVIDE DESIGN CALCULATIONS.
3. SHOW SIGNS ON SHOP DRAWINGS.
4. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.
5. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
6. REFER TO SIGN PLATE A4-7.4 FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT
7. INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.



LEGEND  
 (XX) DENOTES SIGN NUMBER  
 (X) INDICATES SIGN SIZE

TYPE 1 SIGNS

POLE HEIGHT TO BE DETERMINED BY SUPPLIER

NOTE: CENTER ARROWS OVER LANE

NOTE: 2 ARMS REQUIRED

POLE HEIGHT TO BE DETERMINED BY SUPPLIER

ELEVATION TOP OF FOOTING = 763.91

ELEVATION TOP OF FOOTING = 763.92

GENERAL NOTES

1. DRAWINGS NOT TO SCALE.
2. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY 1CANTILEVERS.
3. THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
4. WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

OVERHEAD SIGN SUPPORTS DETAIL  
 S-51-230  
 STH 20 WB AT IH41 / 94 RAMP  
 STA 298+00

NOTE: FOOTING SHALL BE PER STANDARD DETAIL DRAWING, 36" DIAMETER FULL SPAN OVERHEAD SIGN SUPPORT BASE & INCIDENTAL TO STRUCTURE

IBEAMS - W5X3.7 IBEAMS FOR MOUNTING SIGNS ARE INCIDENTAL TO TYPE 1 SIGNS

ALLOWABLE DESIGN STRESSES  
 CONCRETE MASONRY FC=3500 PSI  
 HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60 FY=60,000 PSI  
 FOUNDATION DATA  
 ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF

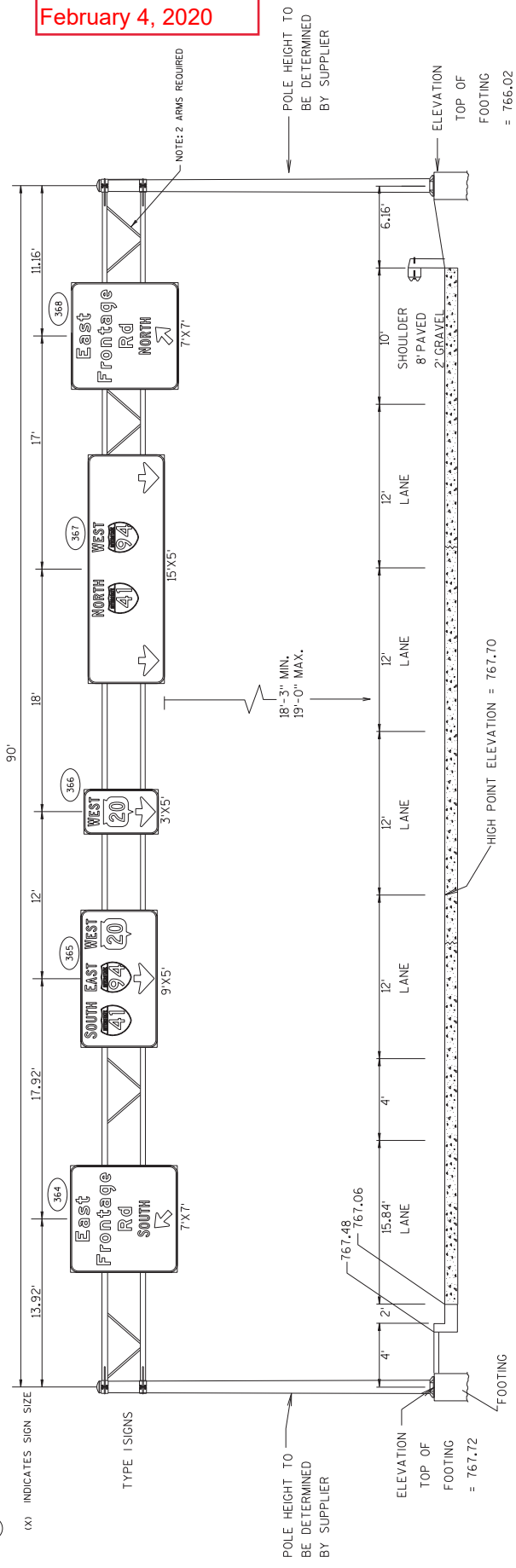
Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 65  
 February 4, 2020

NOTE CONTRACTOR SHALL:

1. SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT. THE DRAWINGS SHALL BE INCIDENTAL TO OVERHEAD SIGN SUPPORT.
2. PROVIDE DESIGN CALCULATIONS.
3. SHOW SIGNS ON SHOP DRAWINGS.
4. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.
5. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
6. REFER TO SIGN PLATE A4-7.4 FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT
7. INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 66  
February 4, 2020

LEGEND  
(XX) DENOTES SIGN NUMBER  
(X) INDICATES SIGN SIZE



OVERHEAD SIGN SUPPORTS DETAIL  
S-5H-259  
STH 20 WB AT EAST FRONTAGE RD  
STA 308+50

NOTE: CLEAR ZONE 18' MINIMUM FROM  
THRU 12' LAINE

NOTE: FOOTING SHALL BE PER STANDARD DETAIL DRAWING,  
36" DIAMETER FULL SPAN OVERHEAD SIGN  
SUPPORT BASE & INCIDENTAL TO STRUCTURE

ALLOWABLE DESIGN STRESSES
CONCRETE MASONRY
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60
FOUNDATION DATA
ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF

BEAMS - W5X3.7 BEAMS FOR MOUNTING SIGNS  
ARE INCIDENTAL TO TYPE 1 SIGNS

GENERAL NOTES

1. DRAWINGS NOT TO SCALE.
2. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY 1 CANTILEVERS.
3. THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
4. WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

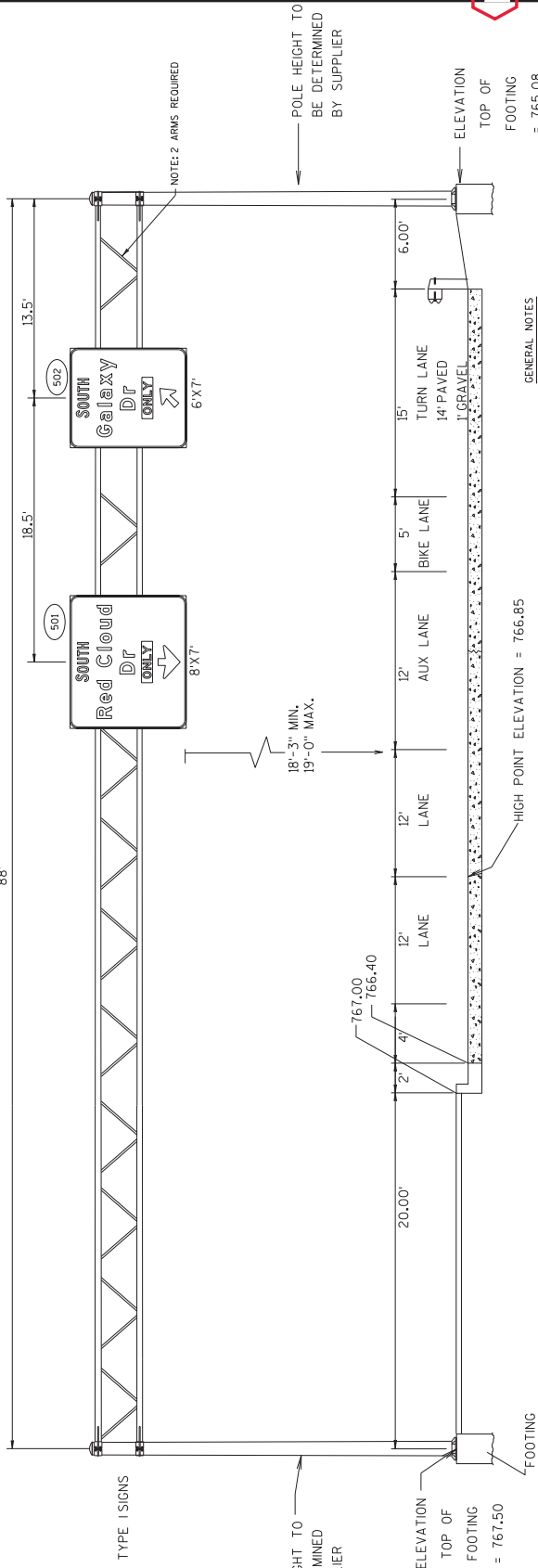
NOTE CONTRACTOR SHALL:

1. SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT. THE SIGN STRUCTURE SHALL BE INCIDENTAL TO OVERHEAD SIGN SUPPORT.
2. PROVIDE DESIGN CALCULATIONS.
3. SHOW SIGNS ON SHOP DRAWINGS.
4. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.
5. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
6. REFER TO SIGN PLATE A4-7.4 FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT
7. INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4



LEGEND  
 (XX) DENOTES SIGN NUMBER  
 (X) INDICATES SIGN SIZE

88'



OVERHEAD SIGN SUPPORTS DETAIL  
 S-51-260  
 STH 20 EB AT GALAXY DR  
 STA 311+25

NOTE: FOOTING SHALL BE PER STANDARD DETAIL DRAWING.  
 36" DIAMETER FULL SPAN OVERHEAD SIGN  
 SUPPORT BASE & INCIDENTAL TO STRUCTURE

ALLOWABLE DESIGN STRESSES  
 CONCRETE MASONRY FC=3500 PSI  
 HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60 FY=60,000 PSI  
 FOUNDATION DATA  
 ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF

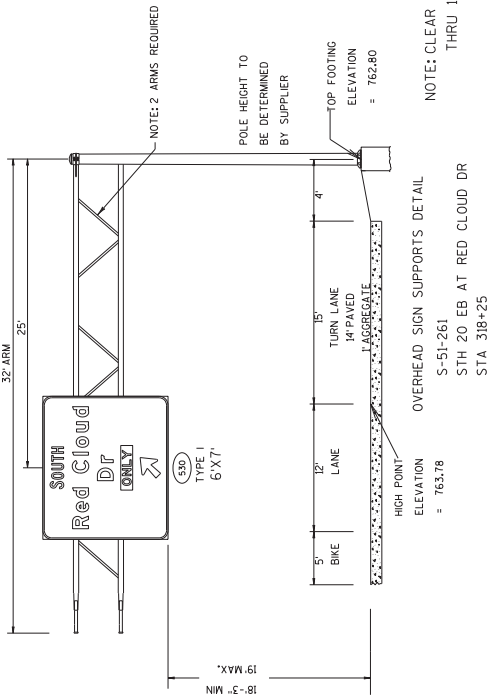
IBEAMS - W6X3.7 IBEAMS FOR MOUNTING SIGNS  
 ARE INCIDENTAL TO TYPE I SIGNS

- NOTE CONTRACTOR SHALL:
- SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT. THE DRAWINGS SHALL BE IDENTICAL TO OVERHEAD SIGN SUPPORT. FOOTING IS INCIDENTAL TO OVERHEAD SIGN SUPPORT.
  - PROVIDE DESIGN CALCULATIONS.
  - SHOW SIGNS ON SHOP DRAWINGS.
  - I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.
  - ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
  - REFER TO SIGN PLATE A4-7.4 FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT
  - INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

- GENERAL NOTES
- DRAWINGS NOT TO SCALE.
  - DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY ICANTILEVERS.
  - THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
  - WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
  - BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 67  
 February 4, 2020

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 68  
 February 4, 2020



NOTE: CLEAR ZONE 18' MINIMUM FROM THRU LANE

OVERHEAD SIGN SUPPORTS DETAIL  
 S-51-261  
 STH 20 EB AT RED CLOUD DR  
 STA 318+25

CONTRACTOR TO USE SDD 9C12-9g TYPE 13 BASE WITHOUT ELECTRICAL

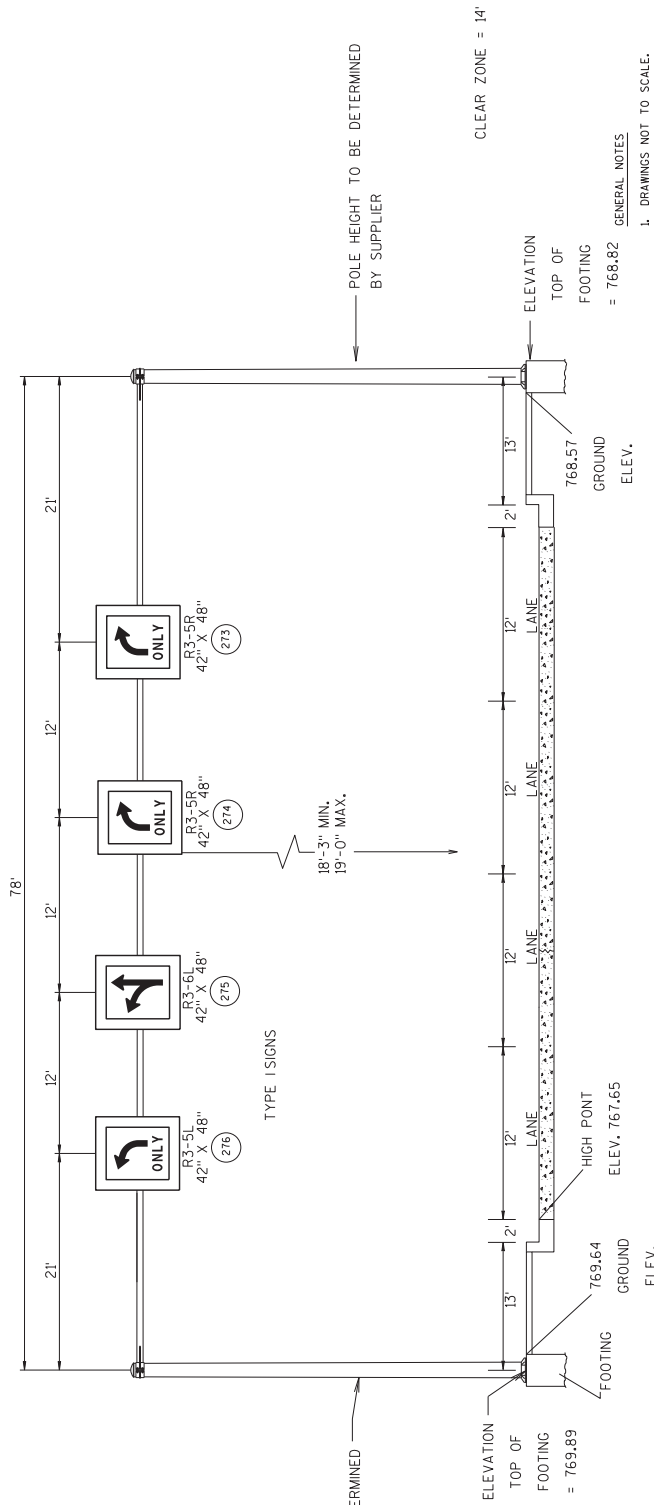
IBEAMS - #5X3.7 IBEAMS FOR MOUNTING SIGNS ARE INCIDENTAL TO TYPE 1 SIGNS

- GENERAL NOTES
1. DRAWINGS NOT TO SCALE.
  2. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY ICANTILEVERS.
  3. THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
  4. WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
  5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

- NOTE, CONTRACTOR SHALL:
1. SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT, TO TOM HEYDEL & BOS. FOOTING IS INCIDENTAL TO OVERHEAD SIGN SUPPORT.
  2. PROVIDE DESIGN CALCULATIONS.
  3. SHOW SIGNS ON SHOP DRAWINGS.
  4. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.
  5. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
  6. REFER TO SIGN PLATE A4-7.4 FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT
  7. INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 69  
February 4, 2020

LEGEND  
(XX) DENOTES SIGN NUMBER  
(X) INDICATES SIGN SIZE



OVERHEAD SIGN SUPPORTS DETAIL  
 S-51-249  
 SE RAMP IH-41/94 NB  
 EXIT RAMP TO STH 20  
 STA 858+00  
 (SEE SIGNING PLAN  
 FOR LOCATION)

NOTE: FOOTING SHALL BE PER STANDARD DETAIL DRAWING,  
 36" DIAMETER FULL SPAN OVERHEAD SIGN  
 SUPPORT BASE & INCIDENTAL TO STRUCTURE

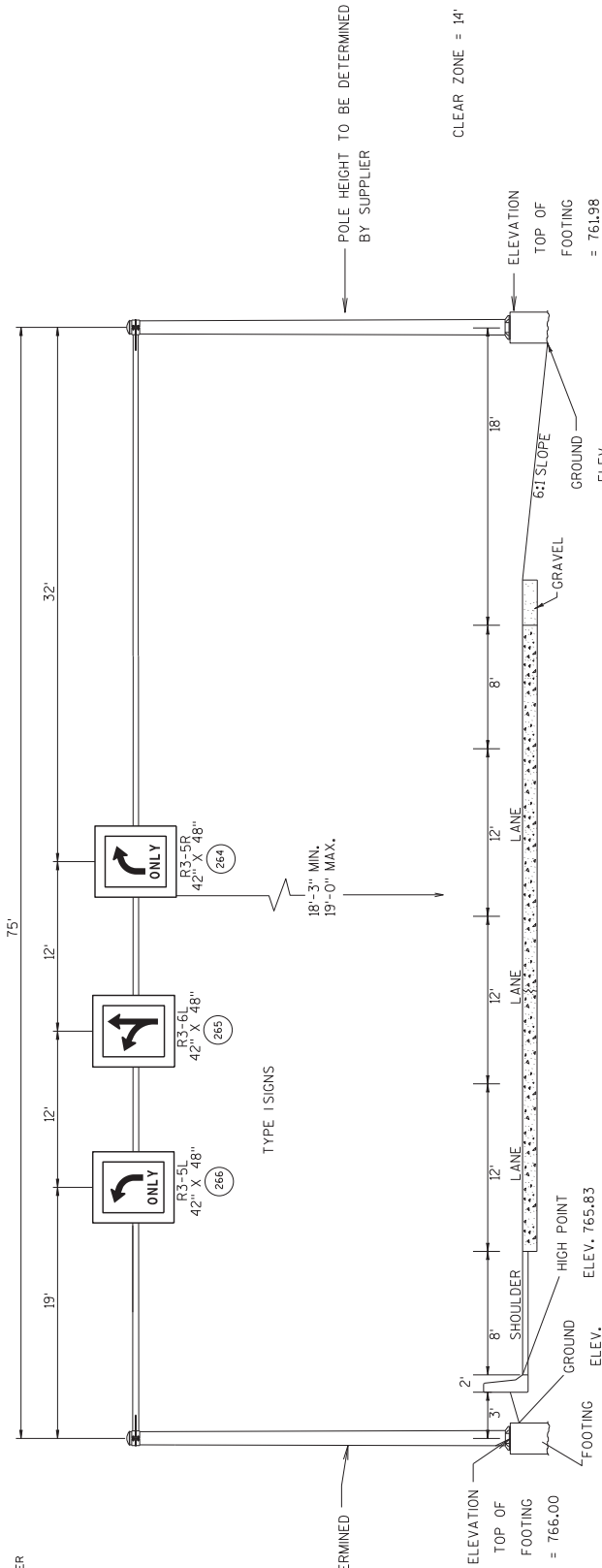
IBEAMS - W5X3.7 IBEAMS FOR MOUNTING SIGNS  
 ARE INCIDENTAL TO TYPE I SIGNS

ALLOWABLE DESIGN STRESSES  
 CONCRETE MASONRY FC=3500 PSI  
 HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60 FY=60,000 PSI  
 FOUNDATION DATA  
 ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF

- GENERAL NOTES
1. DRAWINGS NOT TO SCALE.
  2. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY 1CANTILEVERS.
  3. THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
  4. WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
  5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

- NOTE CONTRACTOR SHALL:
1. SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT. THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4. FOOTING IS INCIDENTAL TO OVERHEAD SIGN SUPPORT.
  2. PROVIDE DESIGN CALCULATIONS.
  3. SHOW SIGNS ON SHOP DRAWINGS.
  4. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT PER STANDARD SPEC 641.3.1.4.
  5. 6 ANCHOR RODS MINIMUM PER STANDARD DETAIL DRAWING. DESIGN STRUCTURE BASE PLATE CONNECTION TO ACCOMMODATE.
  6. REFER TO SIGN PLATE A4-7.4 FOR ATTACHMENT OF SIGNS TO OVERHEAD SIGN SUPPORT
  7. INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

LEGEND  
 (XX) DENOTES SIGN NUMBER  
 (X) INDICATES SIGN SIZE



OVERHEAD SIGN SUPPORTS DETAIL

S-51-250  
 IH-41/94 SB  
 EXIT RAMP TO STH 20  
 RAMP NW  
 STA 867+00  
 (SEE SIGNING PLAN  
 FOR LOCATION)

GENERAL NOTES

1. DRAWINGS NOT TO SCALE.
2. DESIGN ACCORDING TO ASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 6TH EDITION & INTERIM REVISIONS FATIGUE CATEGORY 1CANTILEVERS.
3. THE SIGN STRUCTURES SHALL BE DESIGNED TO SUPPORT THE SIGNS SHOWN.
4. WIND VELOCITY PER WISDOT STD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

NOTE: FOOTING SHALL BE PER STANDARD DETAIL DRAWING, 36" DIAMETER FULL SPAN OVERHEAD SIGN SUPPORT BASE & INCIDENTAL TO STRUCTURE

IBEAMS - W6X3.7 I BEAMS FOR MOUNTING SIGNS ARE INCIDENTAL TO TYPE 1 SIGNS

ALLOWABLE DESIGN STRESSES	
CONCRETE MASONRY	FC=3500 PSI
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	FY=60,000 PSI
FOUNDATION DATA	
ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF	

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 70  
 February 4, 2020

INSTALL SIGNS OR SIGN BLANKS ON OVERHEAD SIGN SUPPORTS AT THE TIME OF ERECTION AS SPECIFIED IN STANDARD SPEC 641.3.1.4.

SHEET 9 OF 9

LEGEND

- CP11 CONCRETE PAVEMENT 9 1/2-INCH, DOWELED AND TINED
- CP15 CONCRETE PAVEMENT 10 1/2-INCH, DOWELED AND TINED
- CP17 CONCRETE PAVEMENT 11 1/2-INCH, DOWELED AND TINED
- CP37 CONCRETE PAVEMENT 12-INCH, DOWELED

- A HMA PAVEMENT, 4 MT 58-28 5/2-INCH OVER
- B HMA PAVEMENT, 3 MT 58-28 5/2-INCH
- B HMA PAVEMENT, 4 MT 58-28 4, 2-INCH

- AG01 BASE AGGREGATE DENSE 3/4-INCH

- FV03 CONCRETE SURFACE DRAINS
- FV10 ASPHALTIC SURFACE, 3-INCH

- CG03 CURB RAMP TYPE 2
- CG07 CURB RAMP TYPE 5
- CG08 CURB RAMP TYPE 6

- CG19 CONCRETE CURB AND GUTTER 18-INCH TYPE D
- CG21 CONCRETE CURB AND GUTTER 30-INCH TYPE D

- CG24 CONCRETE CURB AND GUTTER 36-INCH TYPE A
- CG26 CONCRETE CURB AND GUTTER 36-INCH TYPE D
- CG27 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D REVERSE SLOPE
- CG30 CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG33 CONCRETE CURB AND GUTTER 4-INCH SLOPED 60-INCH TYPE A
- CG50 CONCRETE CURB AND GUTTER 18-INCH TYPE A
- CG57 CONCRETE CURB AND GUTTER 6-INCH SLOPED 24-INCH TYPE A

- CM01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
- CM02 CONCRETE MEDIAN SLOPED NOSE TYPE 2
- CM04 MAINTENANCE OPENING
- CM07 CONCRETE SIDEWALK 5-INCH

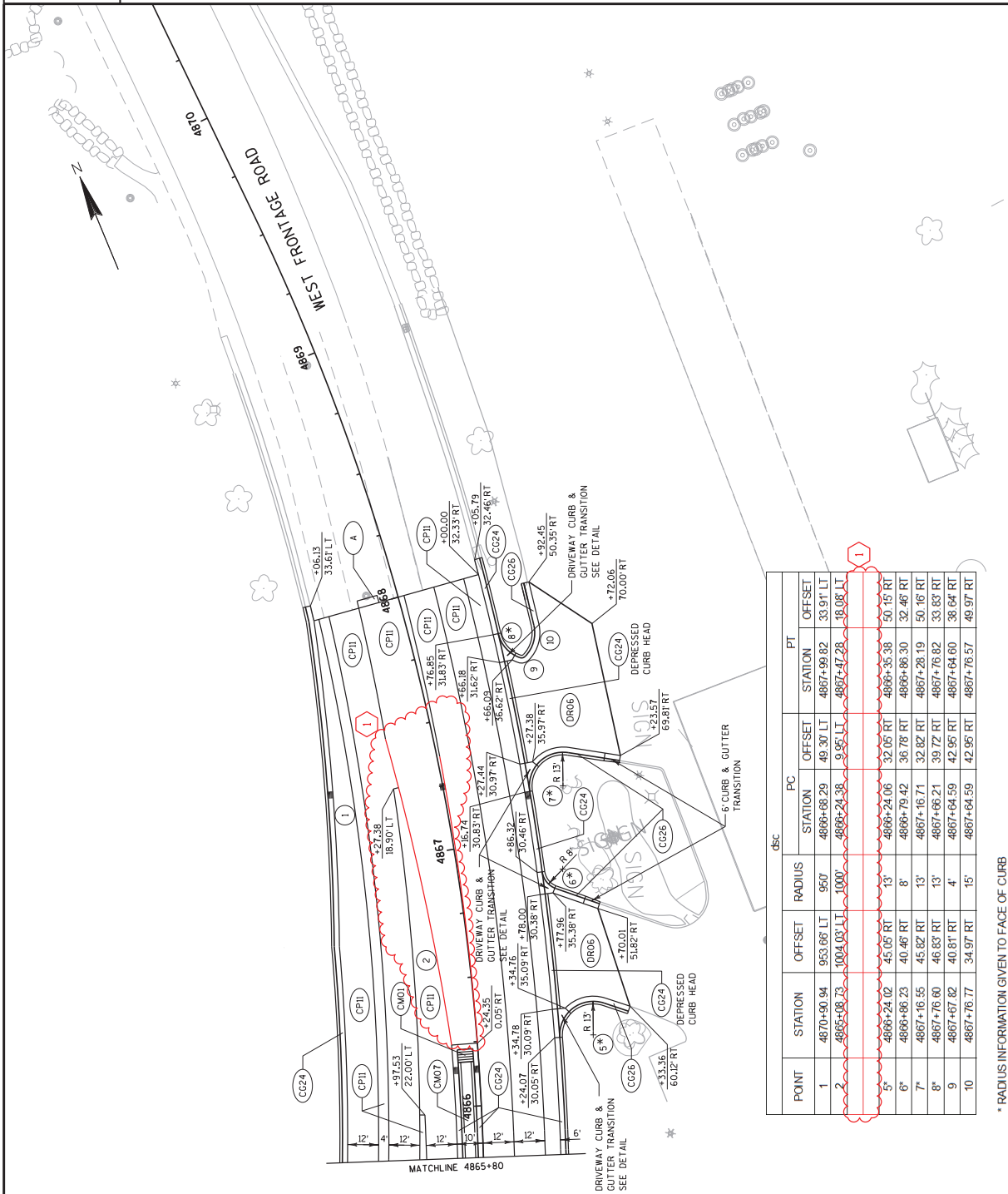
- DR01 CONCRETE DRIVEWAY 6-INCH
- DR03 CONCRETE DRIVEWAY 9-INCH
- DR04 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES, 3-INCH
- DR06 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES, 5-INCH
- DR12 CONCRETE DRIVEWAY HES 6-INCH
- DR13 CONCRETE DRIVEWAY HES 9-INCH

- CB02 CONCRETE BARRIER TYPE S42

- BG10 GUARD RAIL MOM STRIP ASPHALT
- BG15 MGS GUARDRAIL 3
- BG17 MGS GUARDRAIL TERMINAL EAT
- BG18 MGS GUARDRAIL TERMINAL TYPE 2
- BG24 CRASH CUSHION PERMANENT

- SW01 SAWING ASPHALT
- SW02 SAWING CONCRETE

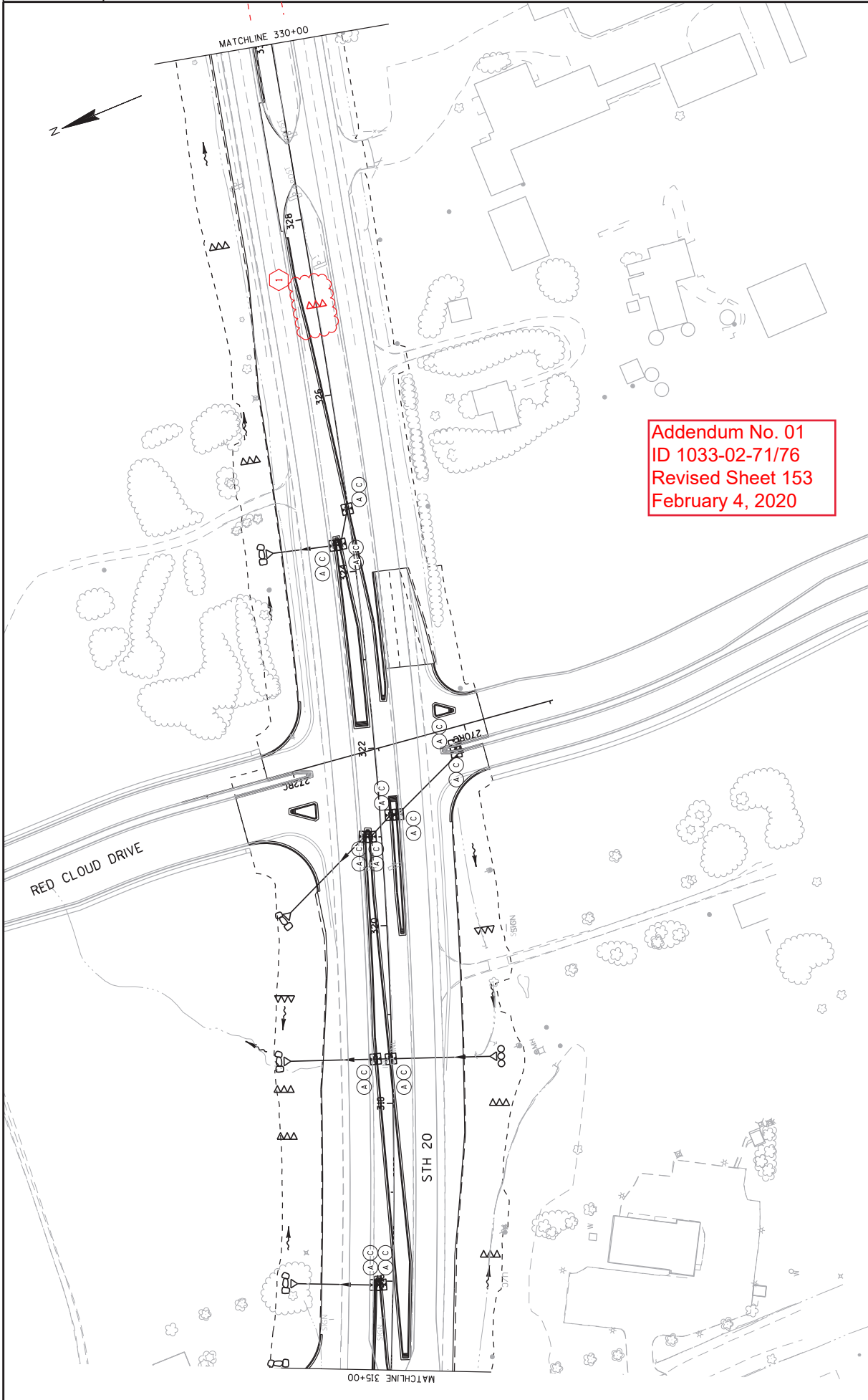
Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 85  
 February 4, 2020



POINT	dsc			PC			PT		
	STATION	OFFSET	RADIUS	STATION	OFFSET	STATION	OFFSET		
1	4870+90.94	953.06' LT	950'	4866+88.29	49.30' LT	4867+99.82	33.91' LT		
2	4865+08.73	1004.03' LT	1000'	4866+24.38	9.95' LT	4867+47.28	18.08' LT		
3	4866+24.02	45.05' RT	13'	4866+24.06	32.05' RT	4866+35.38	50.15' RT		
6	4866+86.23	40.46' RT	8'	4866+79.42	36.78' RT	4866+86.30	32.46' RT		
7	4867+16.55	45.82' RT	13'	4867+16.71	32.82' RT	4867+28.19	50.16' RT		
8	4867+76.60	46.83' RT	13'	4867+66.21	39.72' RT	4867+76.82	33.83' RT		
9	4867+67.82	40.81' RT	4'	4867+64.59	42.95' RT	4867+64.60	38.64' RT		
10	4867+76.77	34.97' RT	15'	4867+64.59	42.95' RT	4867+76.57	49.97' RT		

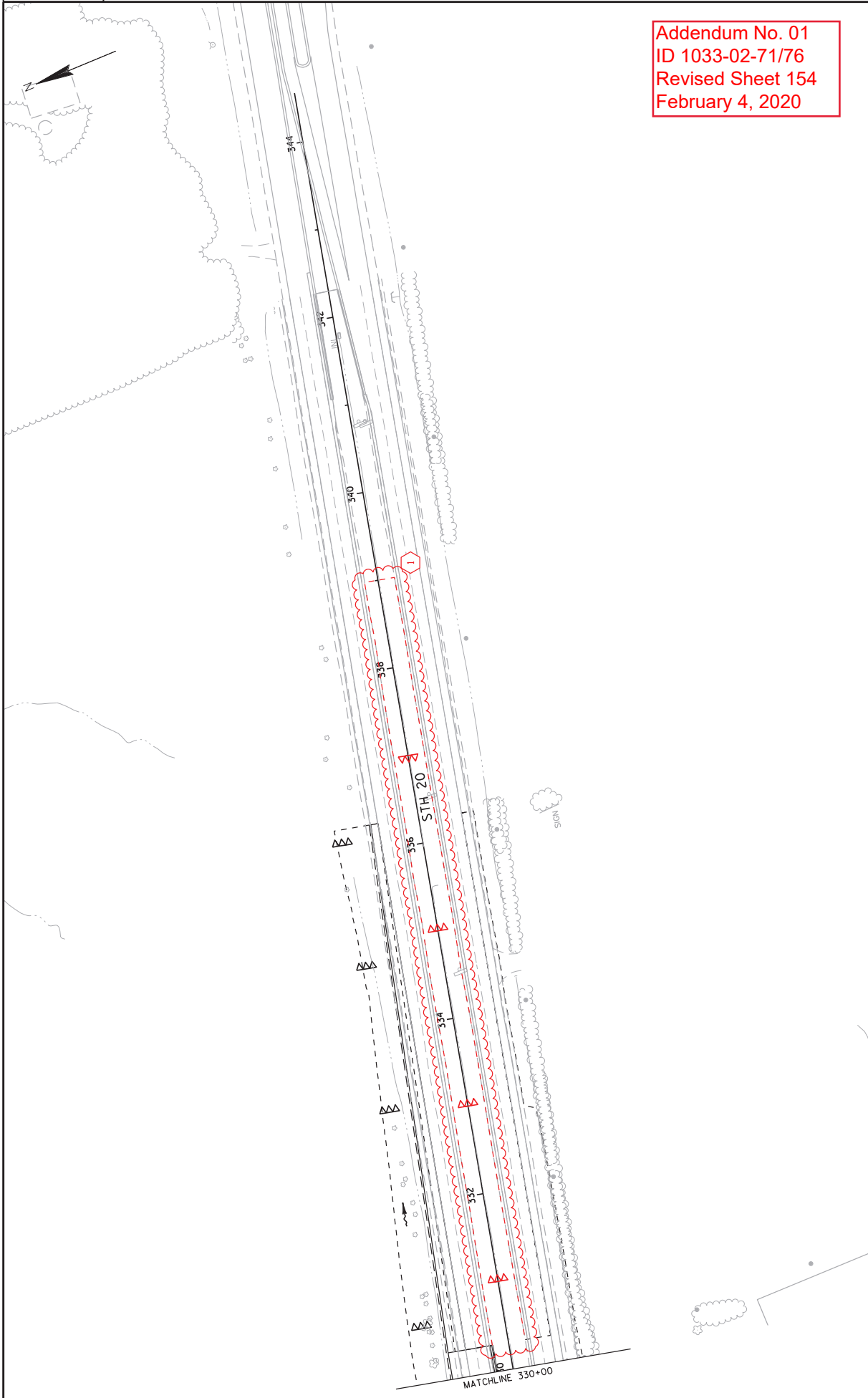
Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 106  
 February 4, 2020

NOTE  
 SEE "ALIGNMENT PLAN - TRANSITIONAL  
 CURVES" FOR EB AND WB LANE LAYOUTS



Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 153  
 February 4, 2020

PROJECT NO: 1033-02-71/76	HWY: IH 94/STH 20	COUNTY: RACINE	EROSION CONTROL	SHEET 153	E
<small>FILE NAME : S:\F_inval\Design\20\10330271\L.Racine\cadd\022055.ecr.dgn</small>					
<small>PLOT DATE : 01-FEB-2020 20:47</small>					
<small>PLOT BY : mscdls</small>					
<small>PLOT NAME : 022055.ecr</small>					
<small>PLOT SCALE : 1:100.1</small>					
<small>WISDOT/CADDIS SHEET 42</small>					



Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 154  
 February 4, 2020

PROJECT NO: 1033-02-71/76 FILE NAME : S:\F_inval\Des\gpa\20\10330271.L\Roads\cda\022056.ecr.dgn	HWY: IH 94/STH 20	COUNTY: RACINE	EROSION CONTROL PLOT DATE : 01-FEB-2020 20:58 PLOT BY : mscdl	SHEET 154	E
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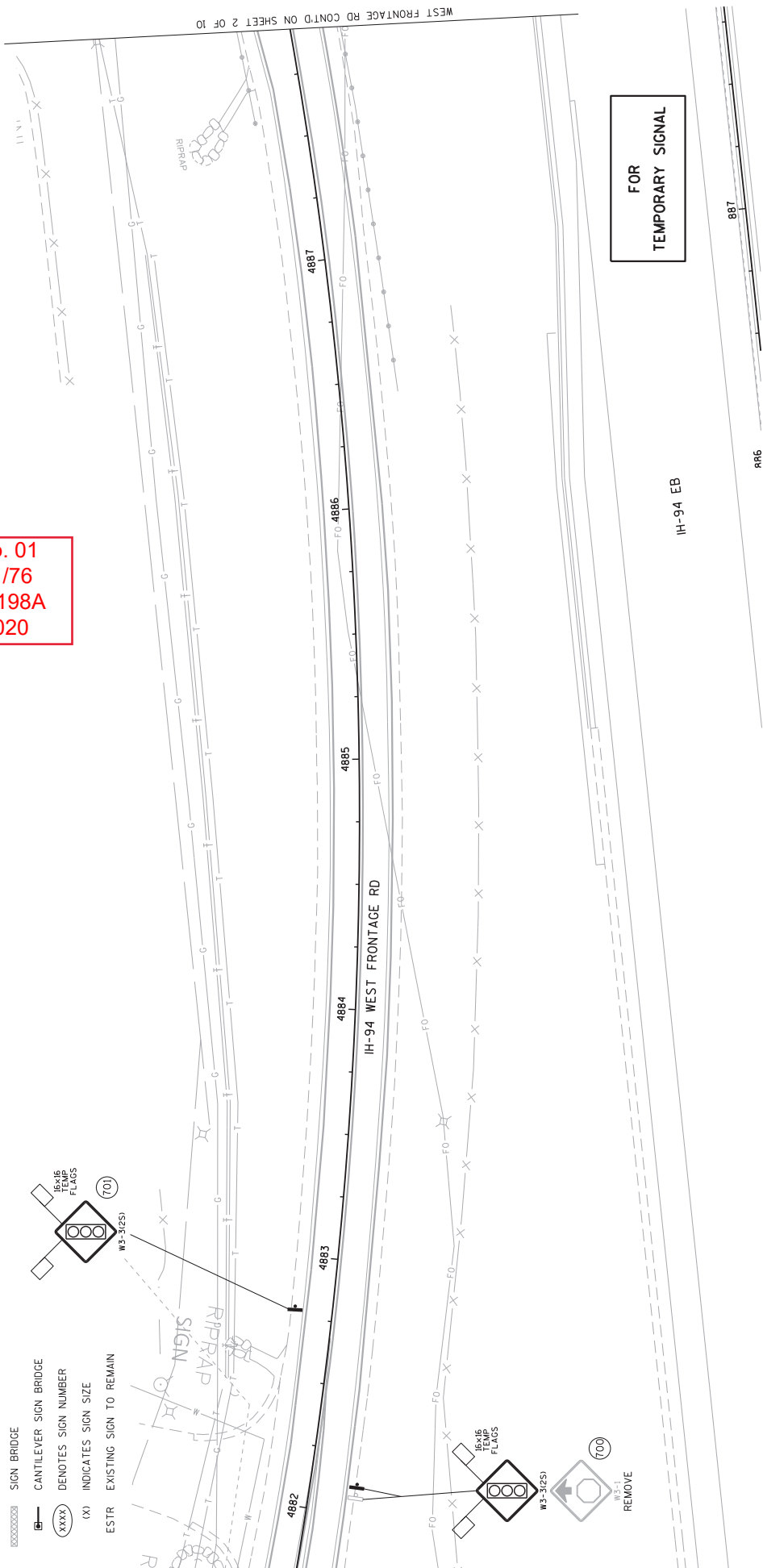


Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 198A  
 February 4, 2020



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- WOOD POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- EXISTING TEMP FLA GS (01)
- W3-3(2S)
- EXISTING TEMP FLA GS (00)
- W3-3(2S)
- W3-1 REMOVE



WEST FRONTAGE RD CONT'D ON SHEET 2 OF 10

IH-94 EB

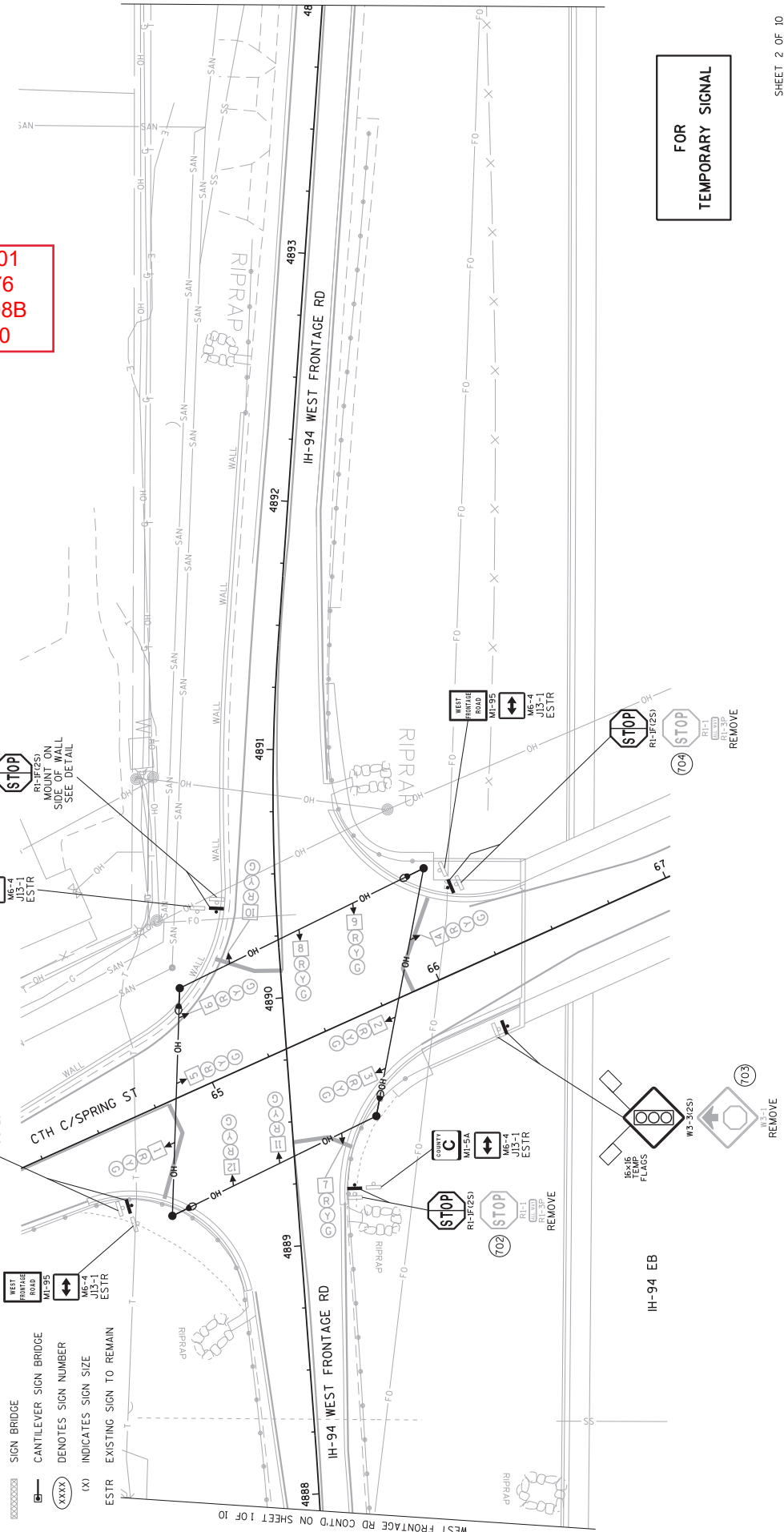
PROJECT NO: 1033-02-71/76	HWY: STH 20	COUNTY: RACINE	PERMANENT SIGNING - WEST FRONTAGE RD - TEMP SIGNAL	SHEET 198A	E
FILE NAME : J:\p\proj\cts\02_10330204\VI\SIGN\023351-rs.dgn			PLOT DATE : 22-JAN-2020 06:45		PLOT BY : dotcmv
			PLOT SCALE : 40:1		WISDOT/CADDS SHEET 42
			SHEET 1 OF 10		

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198B  
February 4, 2020



- LEGEND**
- EXISTING SIGN MOUNTED ON POST(S)
  - EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
  - PROPOSED SIGN MOUNTED ON POST(S)
  - PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
  - EXISTING LIGHT OR SIGNAL POLE
  - WOOD POLE
  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - DENOTES SIGN NUMBER
  - (X) INDICATES SIGN SIZE
  - ESTR EXISTING SIGN TO REMAIN

WEST FRONTAGE RD CONT'D ON SHEET 3 OF 10

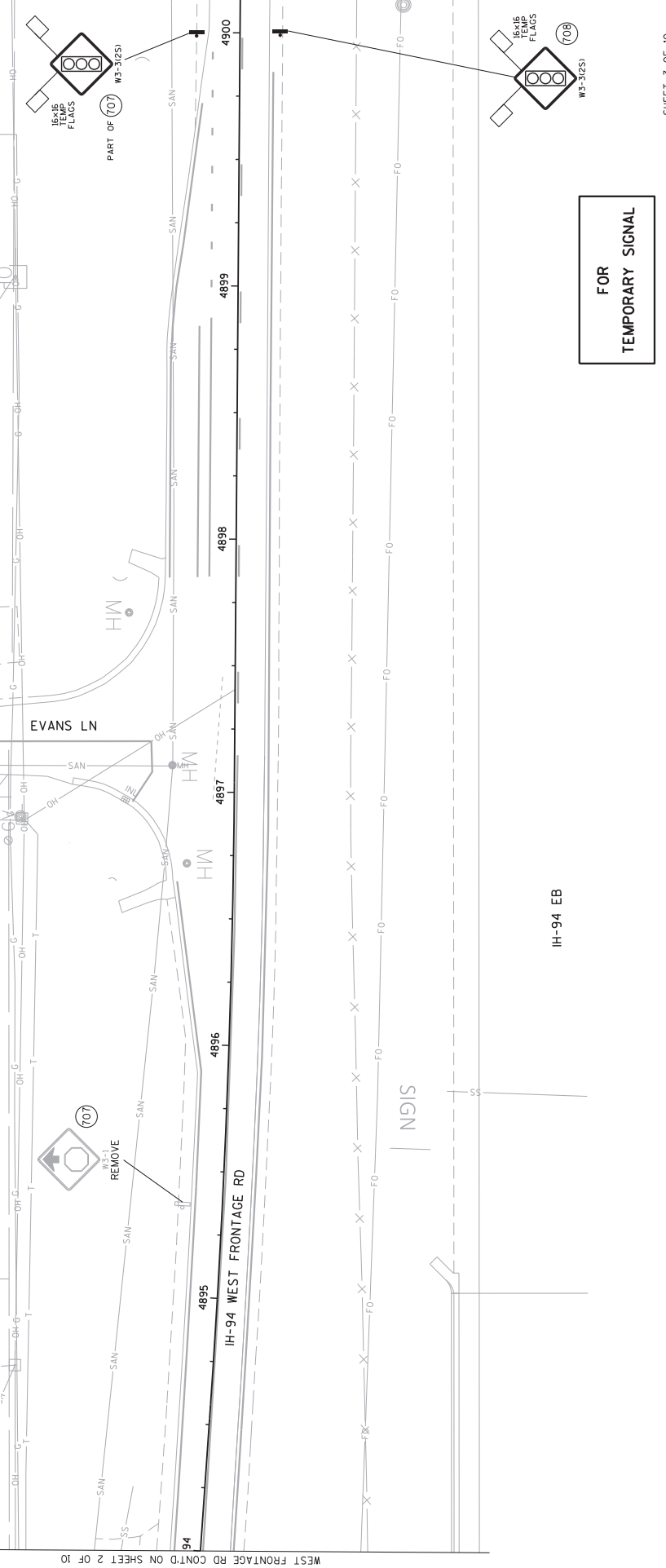


FOR  
TEMPORARY SIGNAL

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198C  
February 4, 2020

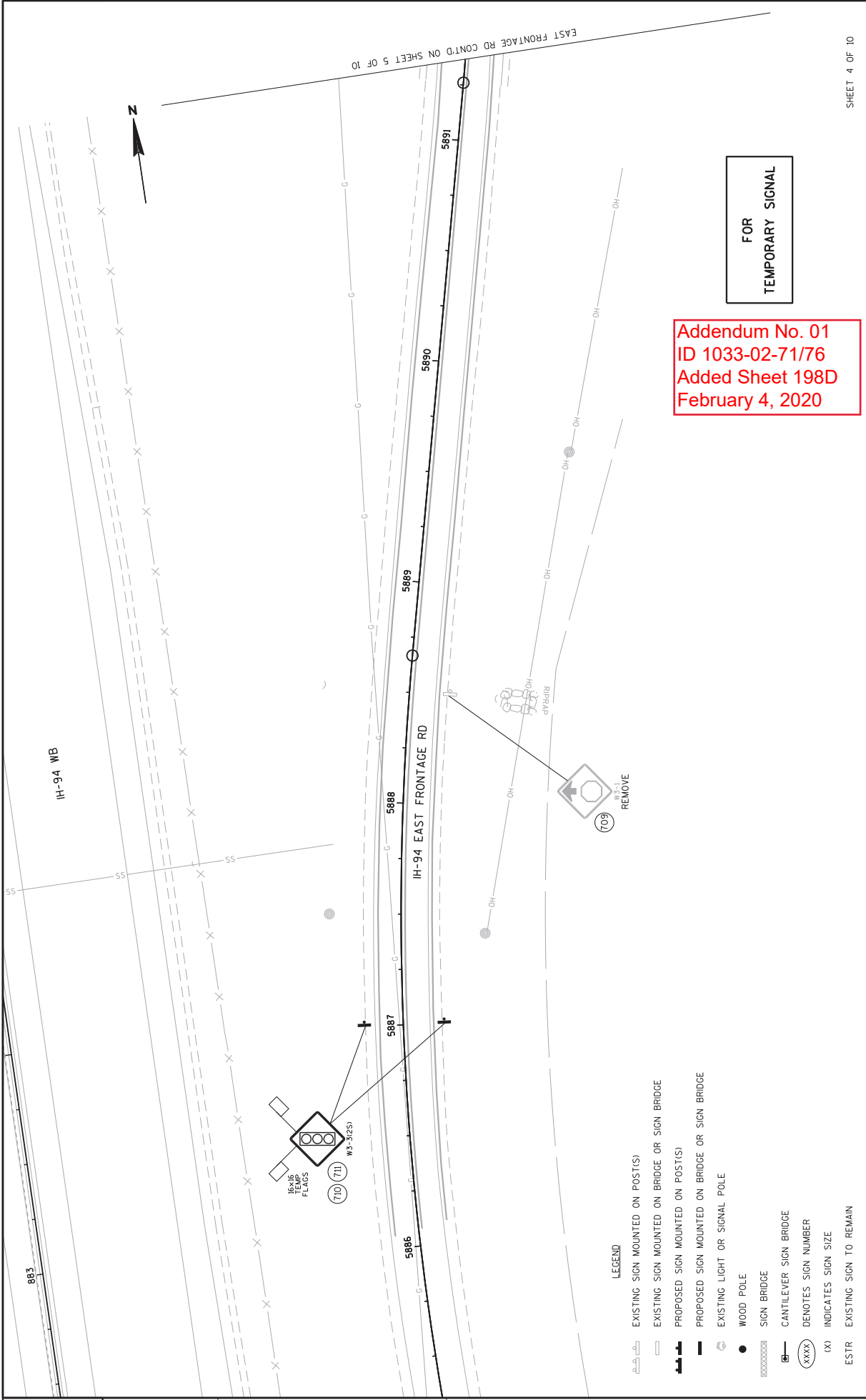


- LEGEND**
- EXISTING SIGN MOUNTED ON POST(S)
  - EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
  - PROPOSED SIGN MOUNTED ON POST(S)
  - PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
  - EXISTING LIGHT OR SIGNAL POLE
  - WOOD POLE
  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - DENOTES SIGN NUMBER
  - INDICATES SIGN SIZE
  - EXISTING SIGN TO REMAIN



SHEET 3 OF 10

PROJECT NO: 1033-02-71/76	HWY: STH 20	COUNTY: RACINE	PERMANENT SIGNING - WEST FRONTAGE RD - TEMP SIGNAL	SHEET 198C	E
FILE NAME : J:\sproj\02_10330294\VI\SIGN\023353-rs.dgn					
PLOT DATE : 22-JAN-2020 06:45					
PLOT BY : dotcmv					
PLOT NAME :					
PLOT SCALE : 40:1					
WISDOT/CADDIS SHEET 42					



Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 198D  
 February 4, 2020

FOR  
 TEMPORARY SIGNAL

**LEGEND**

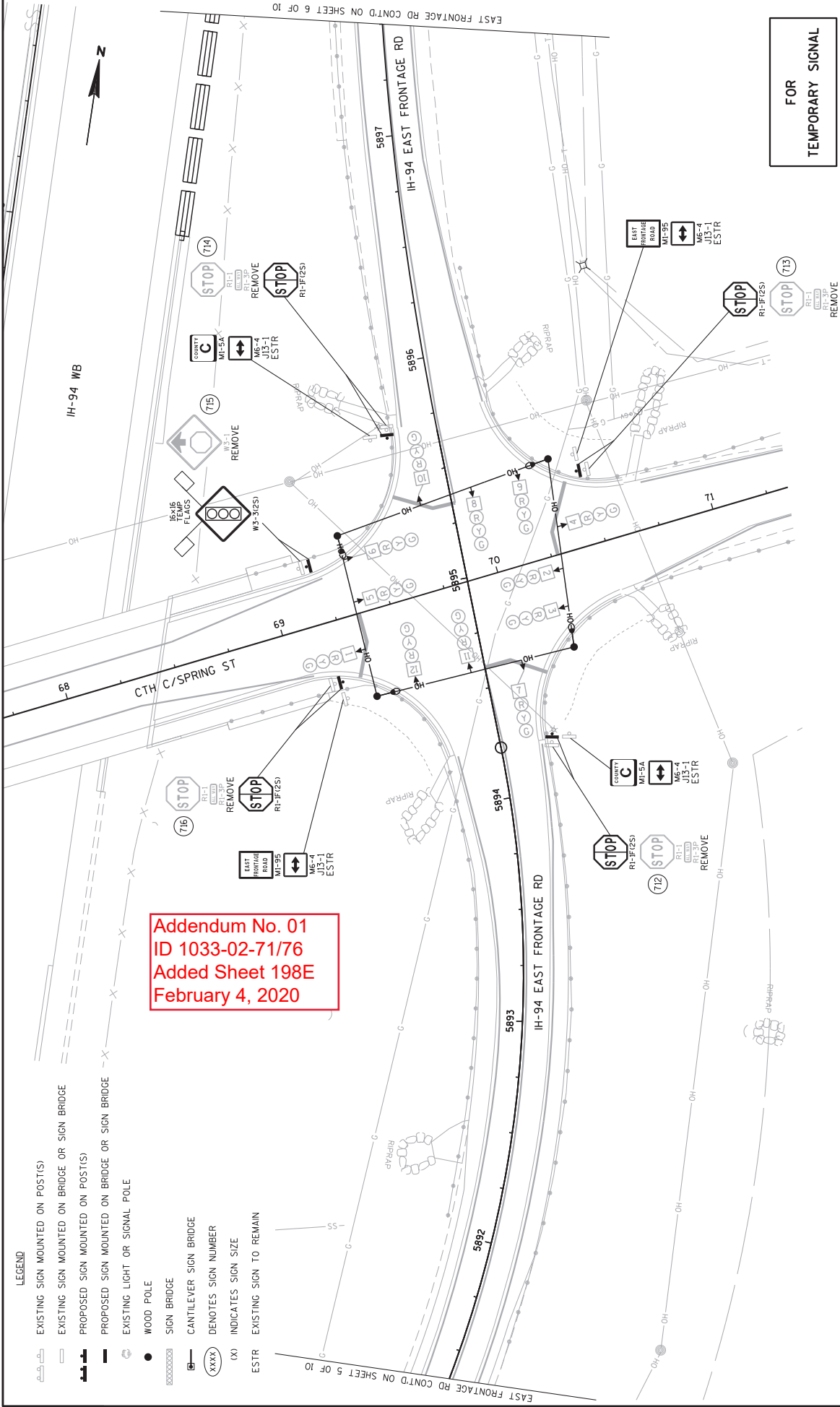
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- WOOD POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

PROJECT NO: 1033-02-71/76	HWY: STH. 20	COUNTY: RACINE	PERMANENT SIGNING - EAST FRONTAGE RD - TEMP SIGNAL	SHEET 198D	E
FILE NAME : J:\sproj\p01\p01\10330204\71\SIGN\023354-rs.dgn					
PLOT DATE : 22-JAN-2020 06:45					
PLOT BY : dotcmv					
PLOT NAME :					
PLOT SCALE : 40:1					
SHEET 4 OF 10					
WISDOT/CADDS SHEET 42					

LEGEND

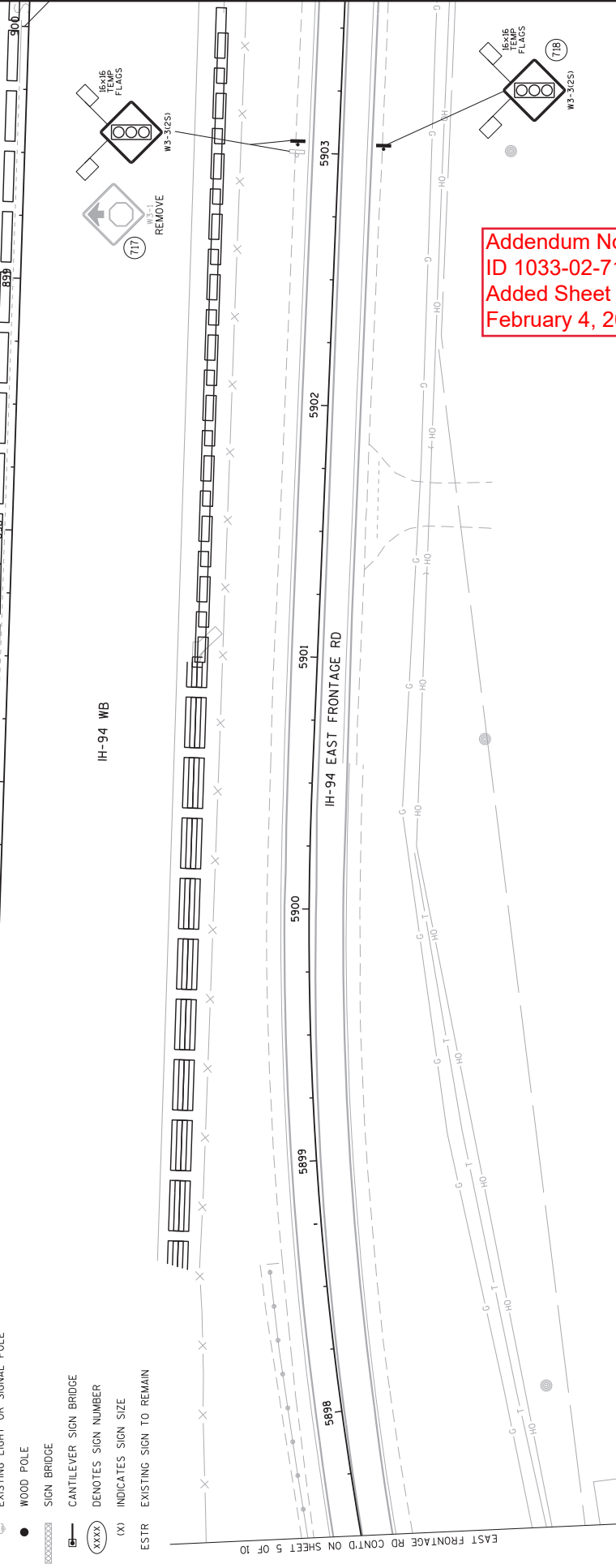
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- WOOD POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- EXISTING SIGN TO REMAIN

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198E  
February 4, 2020



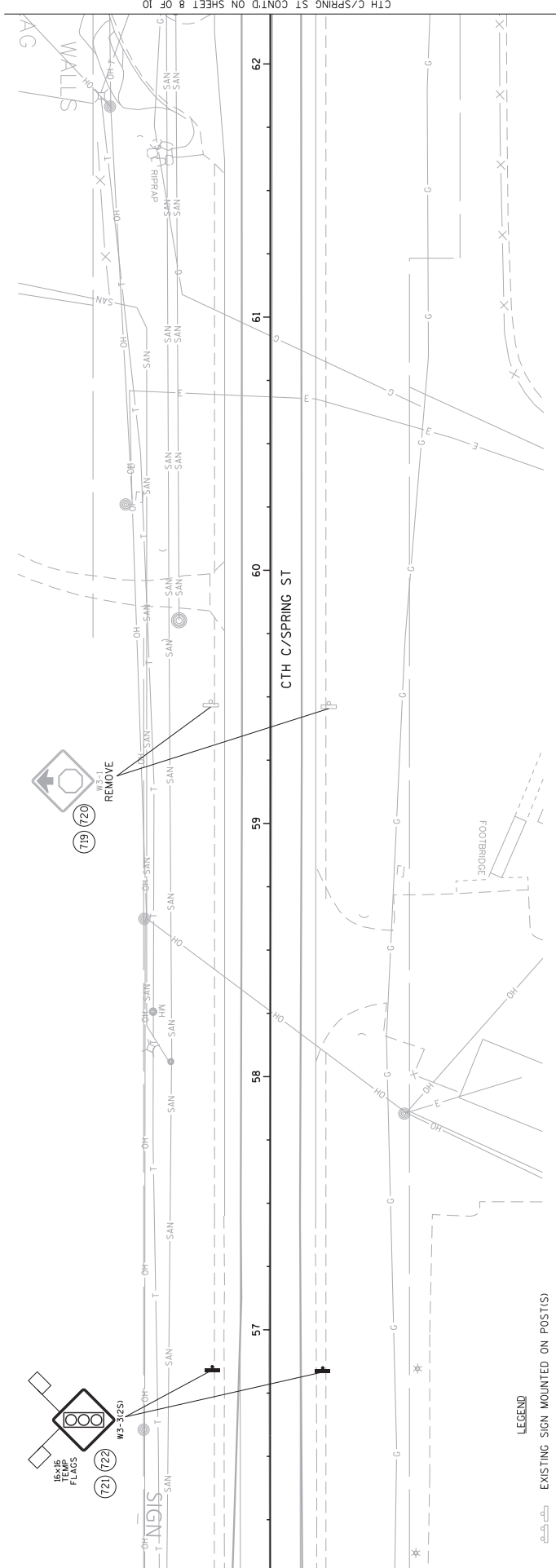
FOR  
TEMPORARY SIGNAL

- LEGEND**
- EXISTING SIGN MOUNTED ON POST(S)
  - EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
  - PROPOSED SIGN MOUNTED ON POST(S)
  - PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
  - EXISTING LIGHT OR SIGNAL POLE
  - WOOD POLE
  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - xxxx DENOTES SIGN NUMBER
  - (X) INDICATES SIGN SIZE
  - ESTR EXISTING SIGN TO REMAIN



Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198F  
February 4, 2020

FOR  
TEMPORARY  
SIGNAL



CTH C/SPRING ST CONT'D ON SHEET 8 OF 10

- LEGEND**
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  - INDICATES SIGN SIZE
  - EXISTING SIGN TO REMAIN

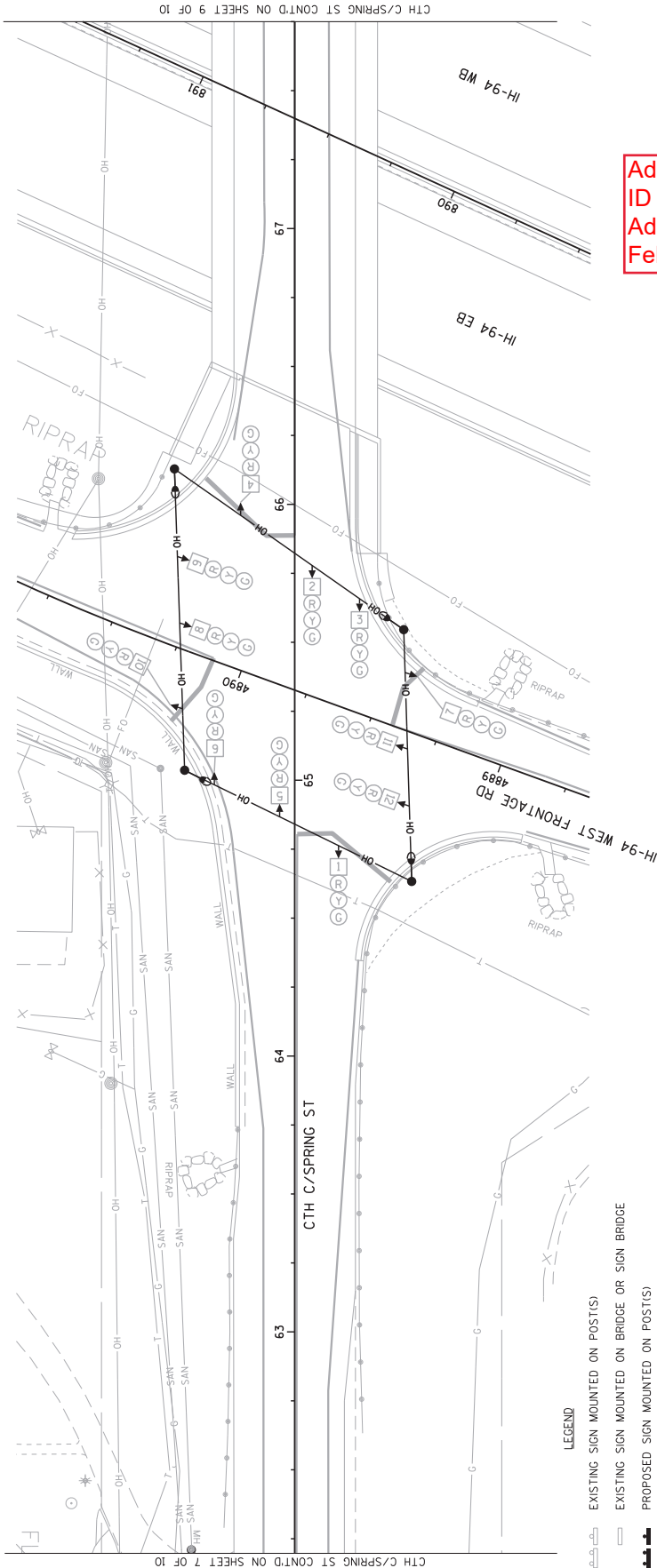
FOR  
TEMPORARY SIGNAL

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198G  
February 4, 2020

PROJECT NO:1033-02-71/76	HWY: STH. 20	COUNTY: RACINE	PERMANENT SIGNING - CTH C/SPRING ST - TEMP SIGNAL	SHEET 198G	E
PLOT DATE : 22-JAN-2020 06:45			PLOT NAME : 001cmv		WISDOT/CADDS SHEET 42
FILE NAME : J:\sproj\acts\02-10330294\71\SIGN\023357-rs.dgn			PLOT SCALE : 40:1		SHEET 7 OF 10



NO SIGNS THIS SHEET



- LEGEND**
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  - EXISTING LIGHT OR SIGNAL POLE
  - WOOD POLE
  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - DENOTES SIGN NUMBER
  - INDICATES SIGN SIZE
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**Addendum No. 01**  
**ID 1033-02-71/76**  
**Added Sheet 198H**  
**February 4, 2020**

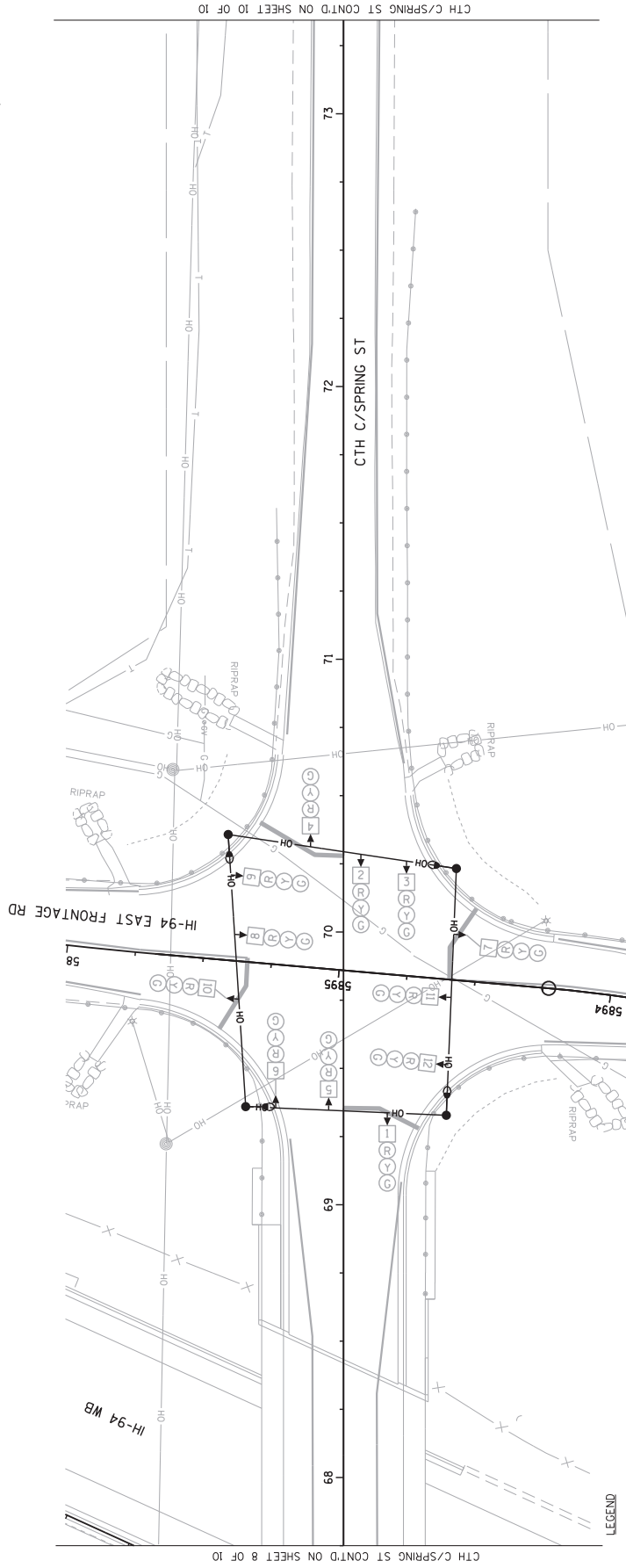
**FOR**  
**TEMPORARY SIGNAL**

<b>PROJECT NO:</b> 1033-02-71/76	<b>HWY:</b> STH. 20	<b>COUNTY:</b> RACINE	<b>PERMANENT SIGNING - CTH C/SPRING ST - TEMP SIGNAL</b>	<b>SHEET</b> 198H	<b>E</b>
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SIGN BRIDGE					
WOOD POLE					
EXISTING LIGHT OR SIGNAL POLE					
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WALL					
RIPRAP					
SAN					
G					
OH					
FO					
T					
X					
FL					
CTH C/SPRING ST CONT'D ON SHEET 7 OF 10					
CTH C/SPRING ST CONT'D ON SHEET 9 OF 10					
IH-94 WEST FRONTAGE RD					
IH-94 EB					
IH-94 WB					
PLOT DATE : 22-JAN-2020 06:45					
PLOT BY : dotcmv					
PLOT SCALE : 40:1					
SHEET 8 OF 10					
WISDOT/CADDS SHEET 42					





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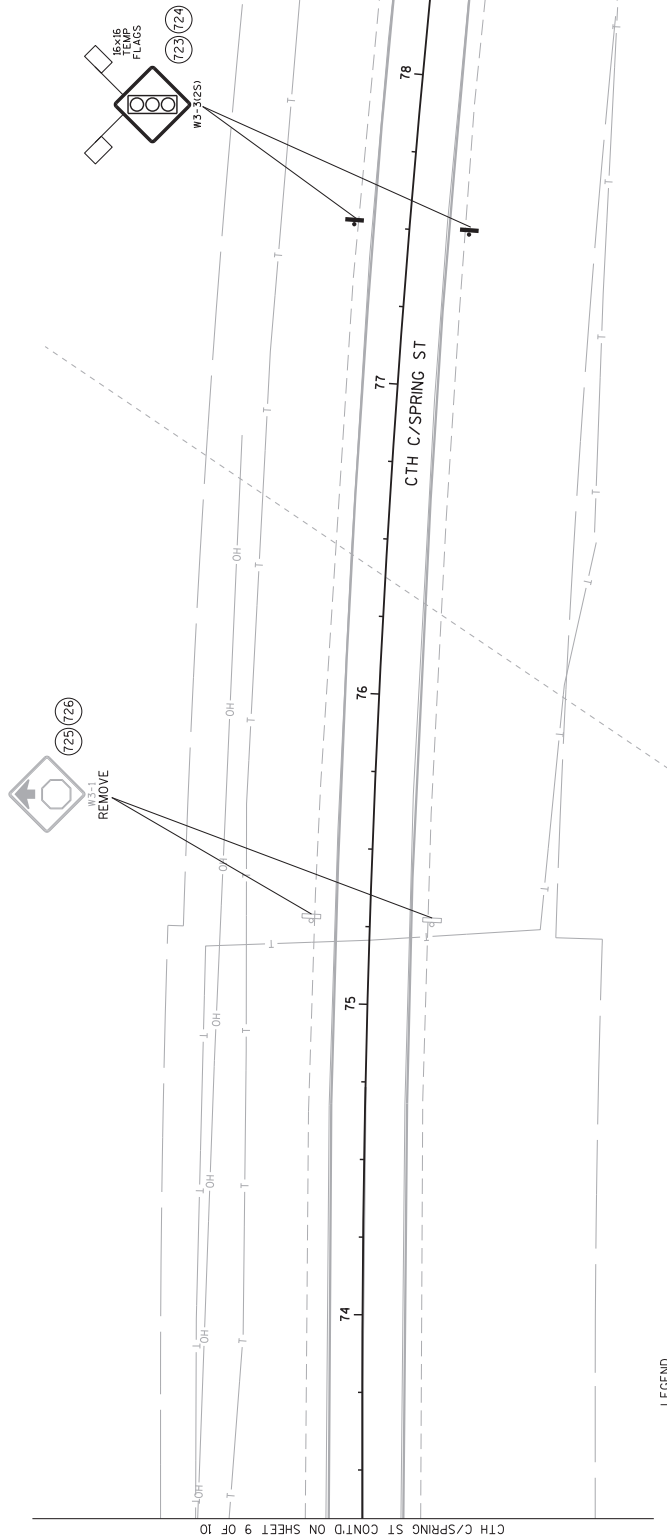


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  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - DENOTES SIGN NUMBER
  - INDICATES SIGN SIZE
  - EXISTING SIGN TO REMAIN

Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 198I  
 February 4, 2020

FOR  
 TEMPORARY SIGNAL

SHEET 9 OF 10



Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 198J  
 February 4, 2020

FOR  
 TEMPORARY SIGNAL

- LEGEND**
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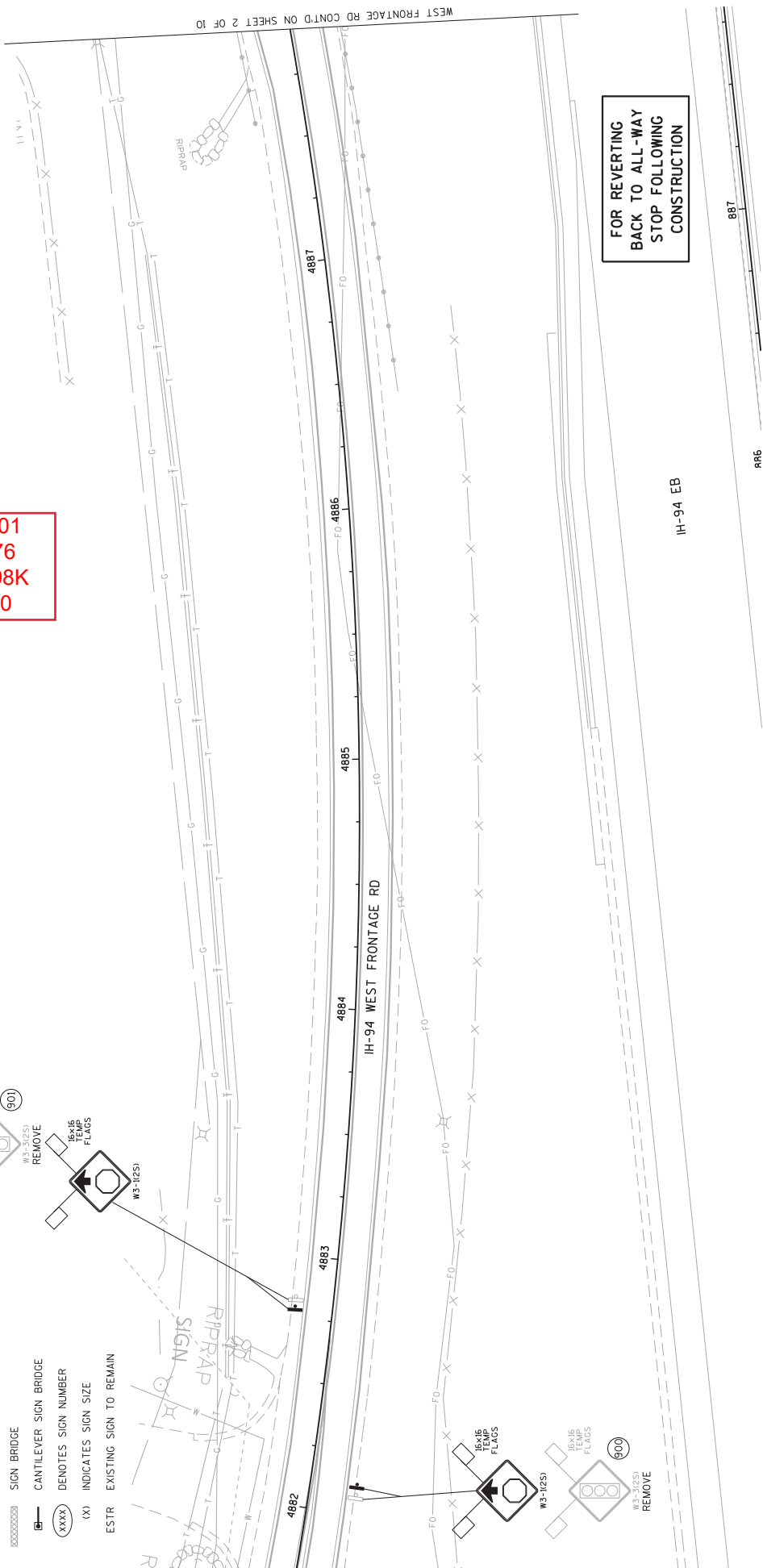
Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198K  
February 4, 2020



LEGEND

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- WOOD POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

WEST FRONTAGE RD CONT'D ON SHEET 2 OF 10



FOR REVERTING  
BACK TO ALL-WAY  
STOP FOLLOWING  
CONSTRUCTION

IH-94 EB

887

886

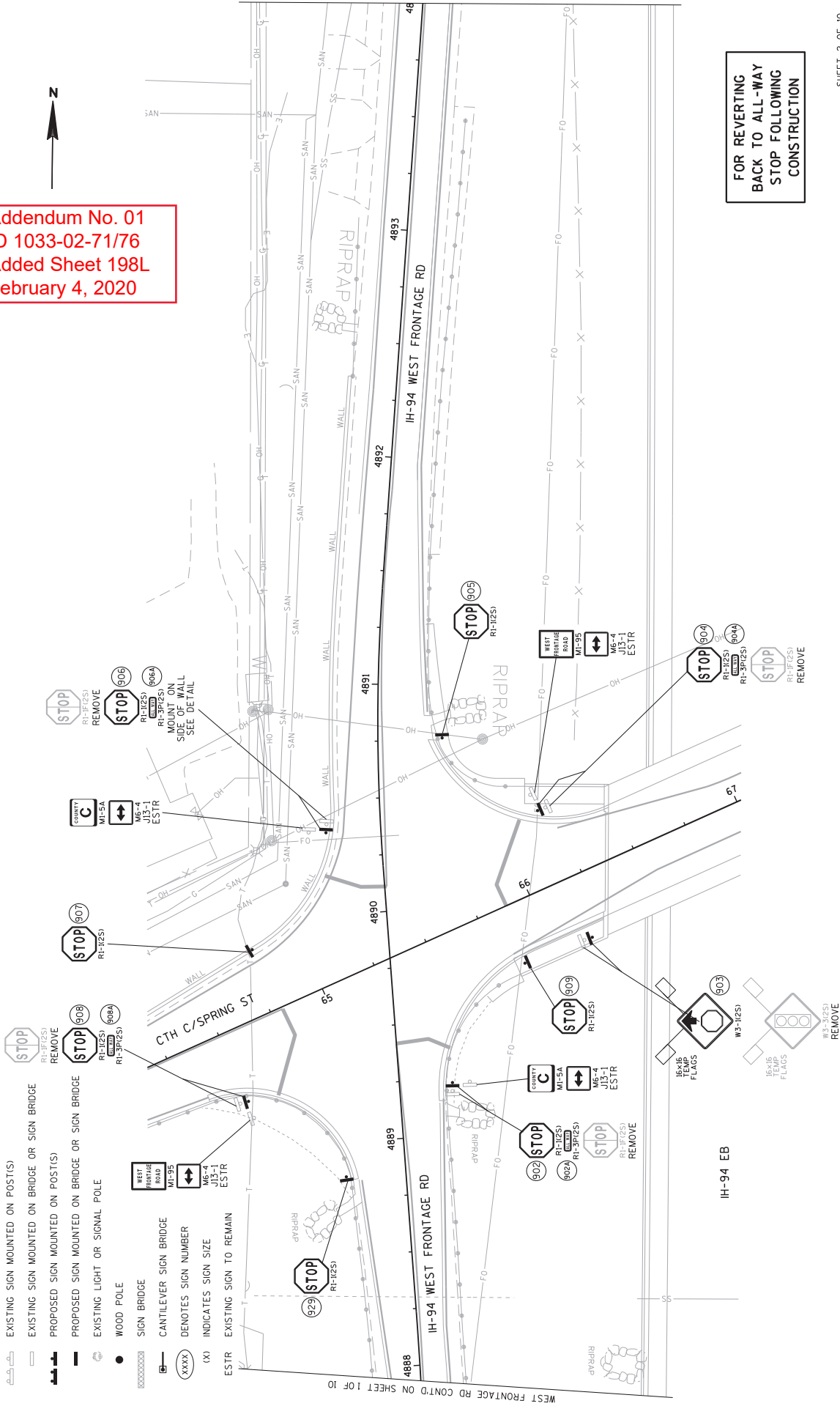
Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198L  
February 4, 2020



- LEGEND**
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  - PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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  - WOOD POLE
  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - DENOTES SIGN NUMBER
  - (X) INDICATES SIGN SIZE
  - EXSTR EXISTING SIGN TO REMAIN

WEST FRONTAGE RD CONT'D ON SHEET 3 OF 10

WEST FRONTAGE RD CONT'D ON SHEET 10F 10

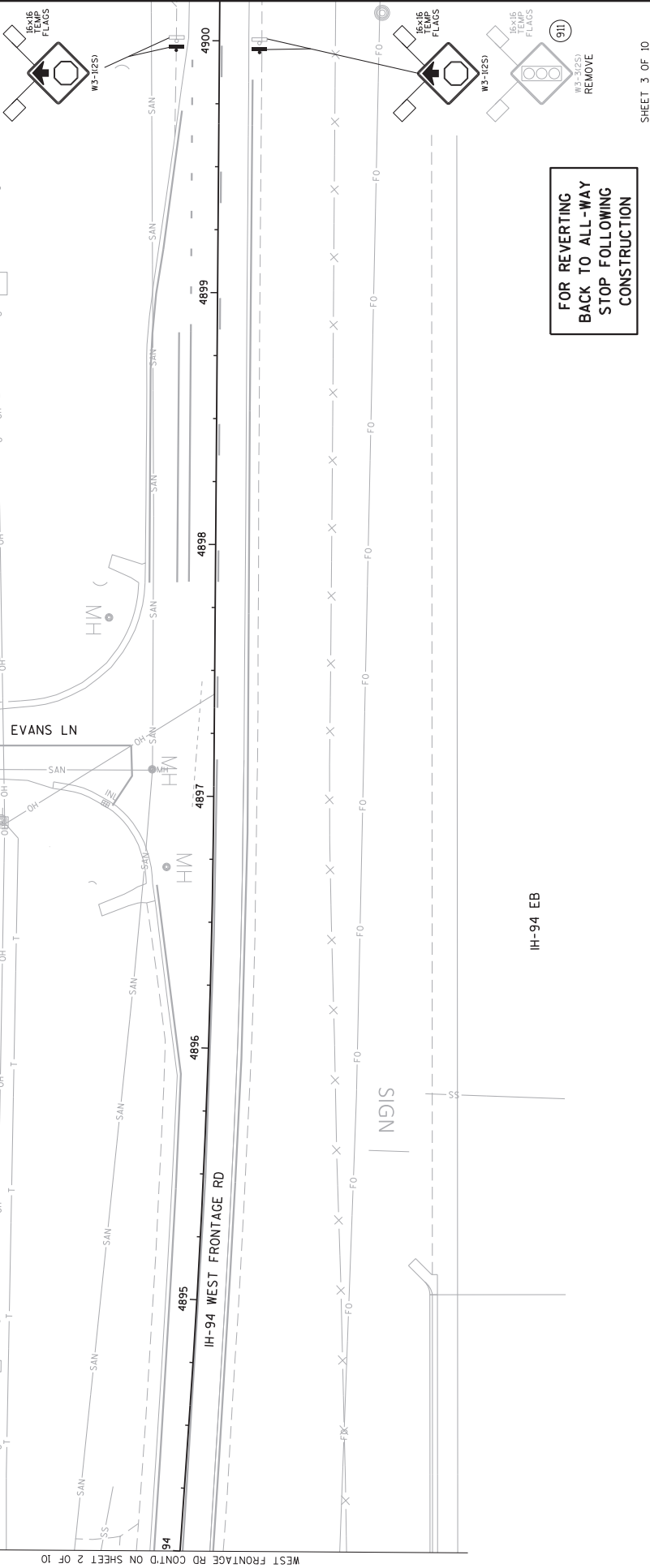


FOR REVERTING  
BACK TO ALL-WAY  
STOP FOLLOWING  
CONSTRUCTION

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198M  
February 4, 2020

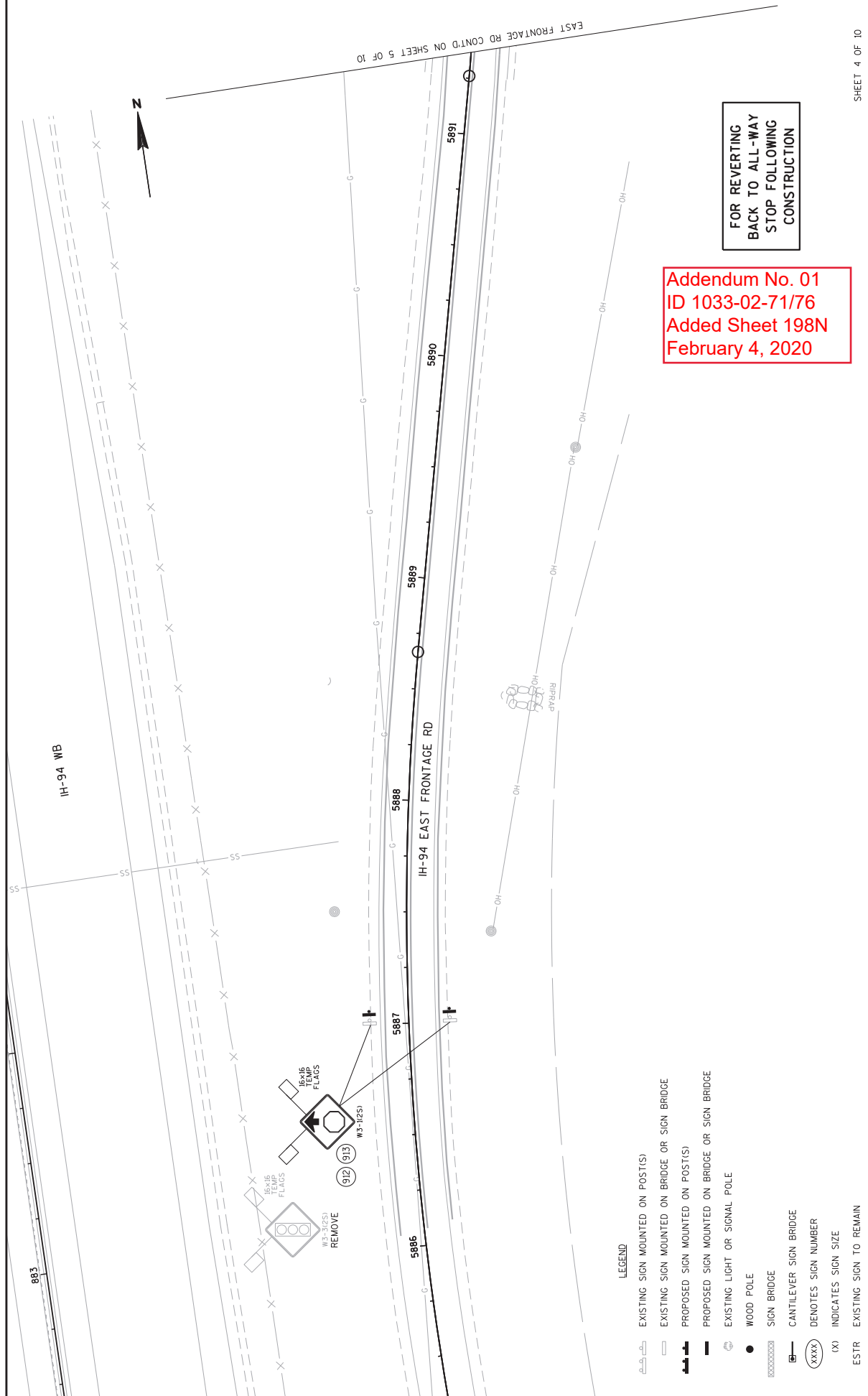


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  - WOOD POLE
  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - DENOTES SIGN NUMBER
  - INDICATES SIGN SIZE
  - EXISTING SIGN TO REMAIN



SHEET 3 OF 10

PROJECT NO: 1033-02-71/76	HWY: STH 20	COUNTY: RACINE	PERMANENT SIGNING - WEST FRONTAGE RD - ALL-WAY STOP	SHEET 198M	E
FILE NAME : J:\sproj\cts\02_10330204\VI\SIGN\023363_r.s.dgn					
PLOT DATE : 22-JAN-2020 06:53					
PLOT BY : dotcmv					
PLOT NAME :					
PLOT SCALE : 40:1					
WISDOT/CADD'S SHEET 42					



Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 198N  
 February 4, 2020

**LEGEND**

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- WOOD POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- (XXXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

SHEET 198N

PROJECT NO: 1033-02-71/76

HWY: STH 20

COUNTY: RACINE

PERMANENT SIGNING - EAST FRONTAGE RD - ALL-WAY STOP

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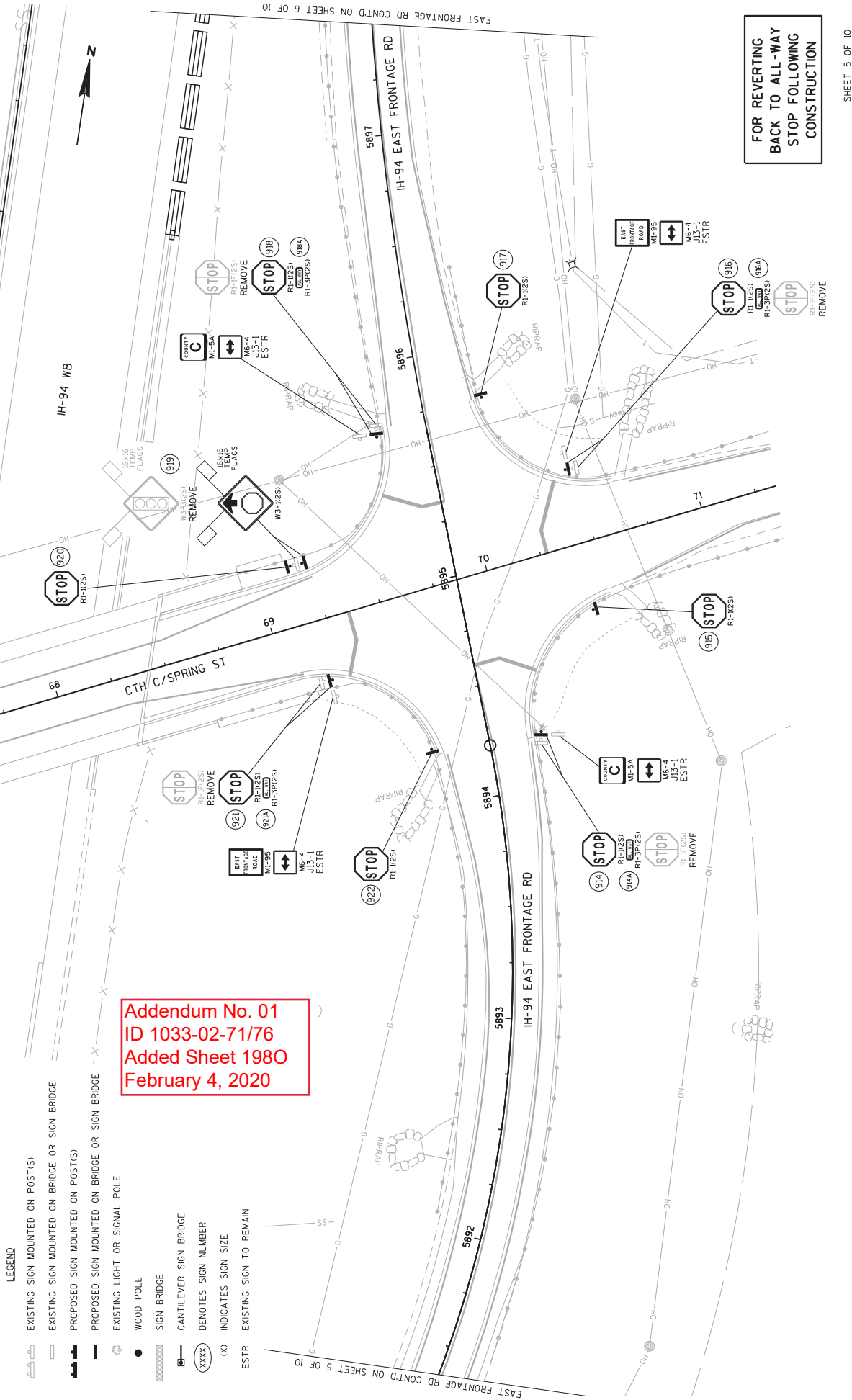
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PLOT BY : dotcmv

PLOT SCALE : 40:1

WISDOT/CADD\$ SHEET 42

FILE NAME : J:\sproj\pcts\02\_10330294\VI\SIGN\023364-rs.dgn



FOR REVERTING  
BACK TO ALL-WAY STOP  
STOP FOLLOWING  
CONSTRUCTION

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 1980  
February 4, 2020

LEGEND

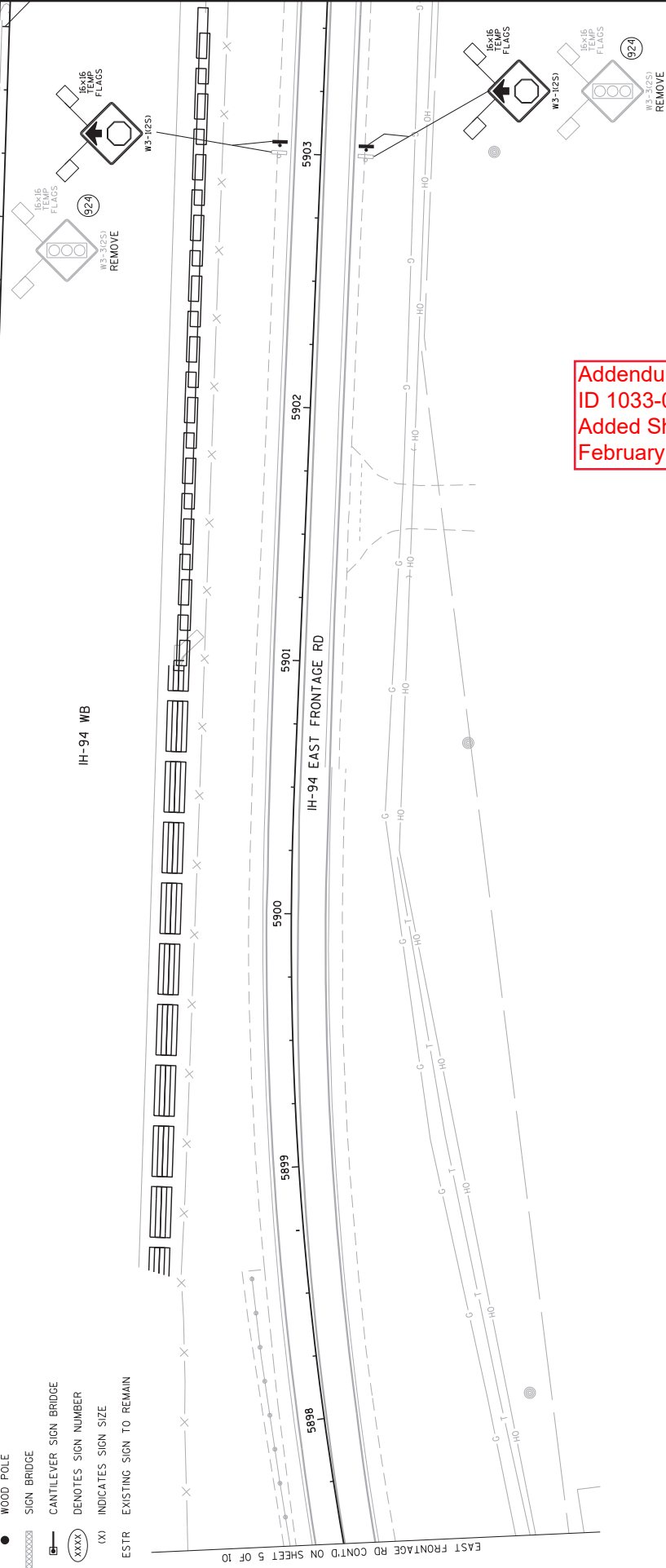
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- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- WOOD POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

- LEGEND**
- EXISTING SIGN MOUNTED ON POST(S)
  - EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
  - PROPOSED SIGN MOUNTED ON POST(S)
  - PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
  - EXISTING LIGHT OR SIGNAL POLE
  - WOOD POLE
  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - XXXX DENOTES SIGN NUMBER
  - (X) INDICATES SIGN SIZE
  - ESTR EXISTING SIGN TO REMAIN



IH-94 WB

IH-94 EAST FRONTAGE RD



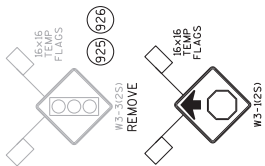
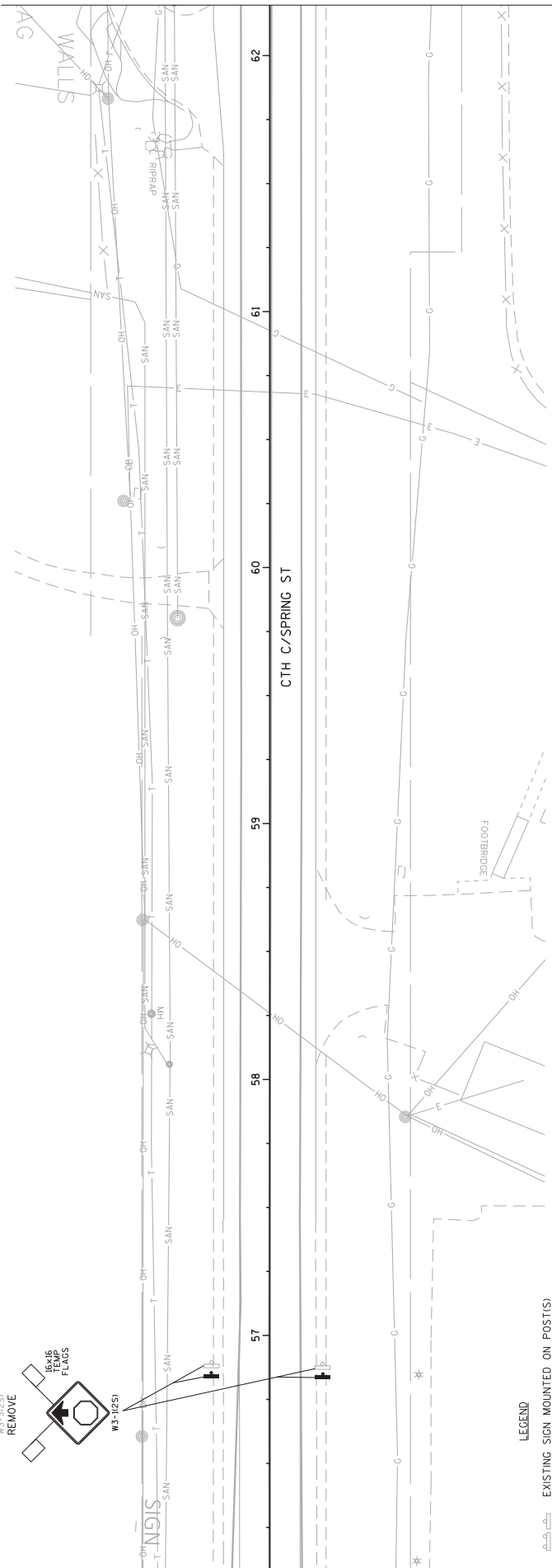
Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 198P  
 February 4, 2020

FOR REVERTING  
 BACK TO ALL-WAY  
 STOP FOLLOWING  
 CONSTRUCTION





CTH C/SPRING ST CONTD ON SHEET 8 OF 10



- LEGEND**
- EXISTING SIGN MOUNTED ON POST(S)
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  - PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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  - WOOD POLE
  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - DENOTES SIGN NUMBER
  - INDICATES SIGN SIZE
  - EXISTING SIGN TO REMAIN

FOR REVERTING  
BACK TO ALL-WAY  
STOP FOLLOWING  
CONSTRUCTION

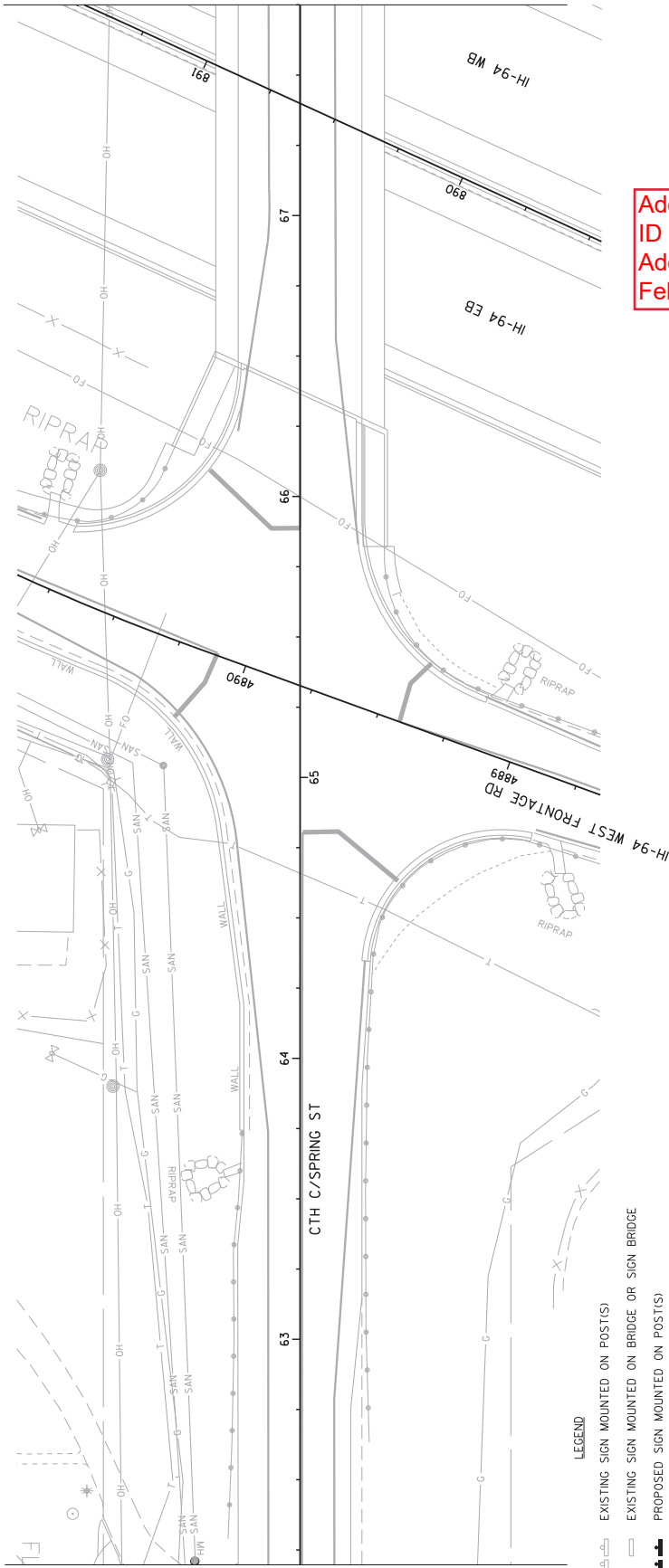
Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198Q  
February 4, 2020

SHEET 7 OF 10

PROJECT NO: 1033-02-71/76	HWY: STH. 20	COUNTY: RACINE	PERMANENT SIGNING - CTH C/SPRING ST - ALL-WAY STOP	SHEET 198Q	E
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PLOT SCALE : 40:1					
WISDOT/CADDS SHEET 42					



NO SIGNS THIS SHEET



- LEGEND**
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  - EXISTING LIGHT OR SIGNAL POLE
  - WOOD POLE
  - SIGN BRIDGE
  - CANTILEVER SIGN BRIDGE
  - DENOTES SIGN NUMBER
  - INDICATES SIGN SIZE
  - EXISTING SIGN TO REMAIN

**FOR REVERTING  
 BACK TO ALL-WAY  
 STOP FOLLOWING  
 CONSTRUCTION**

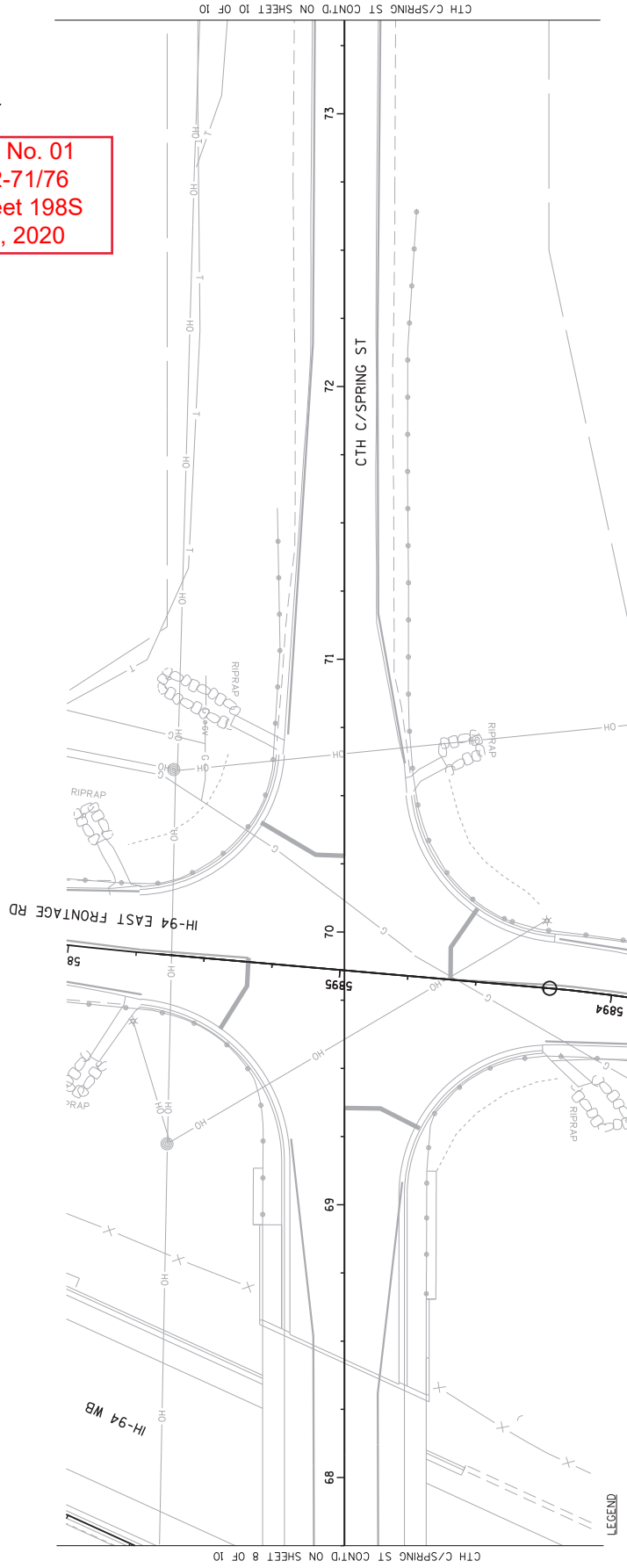
**Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 198R  
 February 4, 2020**

PROJECT NO: 1033-02-71/76	COUNTY: RACINE	SHEET 198R	E
HWY: STH 20	PERMANENT SIGNING - CTH C/SPRING ST - ALL-WAY STOP	SHEET 198R	E
FILE NAME : J:\sproj\02\10330294\VISION\023366-rs.dgn	PLOT DATE : 22-JAN-2020 06:53	PLOT NAME : 10330294	WISDOT/CADD/SHEET 42
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Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 198S  
February 4, 2020

NO SIGNS THIS SHEET



CTH C/SPRING ST CONT'D ON SHEET 8 OF 10

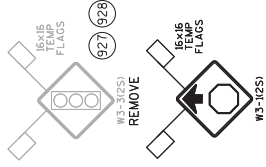
CTH C/SPRING ST CONT'D ON SHEET 10 OF 10

- LEGEND**
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  - EXISTING LIGHT OR SIGNAL POLE
  - WOOD POLE
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  - CANTILEVER SIGN BRIDGE
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  - INDICATES SIGN SIZE
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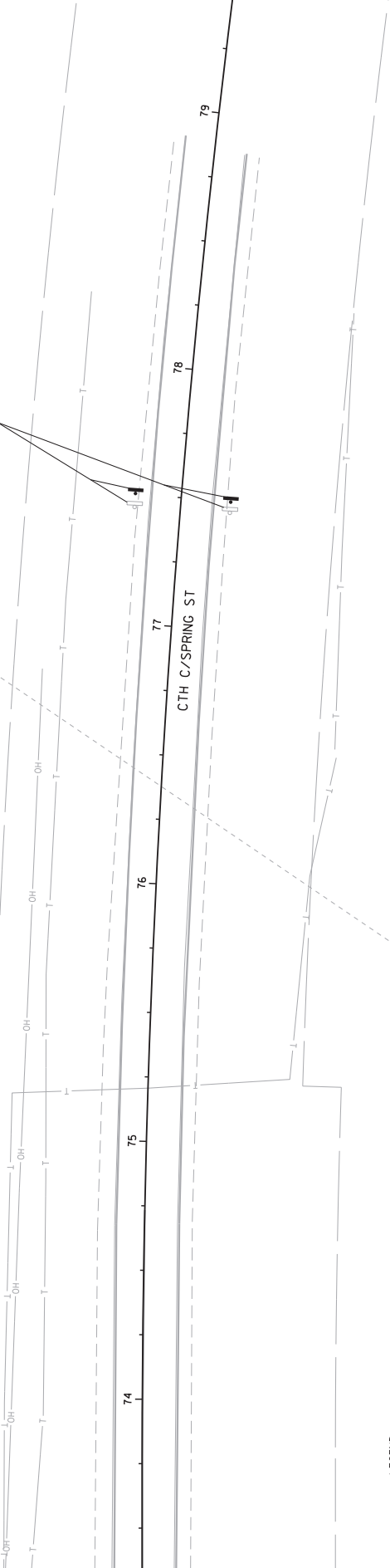
FOR REVERTING  
BACK TO ALL-WAY  
STOP FOLLOWING  
CONSTRUCTION

SHEET 9 OF 10

PROJECT NO:1033-02-71/76	HWY: STH 20	COUNTY: RACINE	PERMANENT SIGNING - CTH C/SPRING ST - ALL-WAY STOP	SHEET 198S	E
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WISDOT/CADDS SHEET 42					



CTH C/SPRING ST CONT'D ON SHEET 9 OF 10



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
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- WOOD POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- EXISTING SIGN TO REMAIN

Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 198T  
 February 4, 2020

FOR REVERTING  
 BACK TO ALL-WAY  
 STOP FOLLOWING  
 CONSTRUCTION

SHEET 10 OF 10

PROJECT NO: 1033-02-71/76

HWY: STH 20

COUNTY: RACINE

PERMANENT SIGNING - CTH C/SPRING ST - ALL-WAY STOP

SHEET 198T

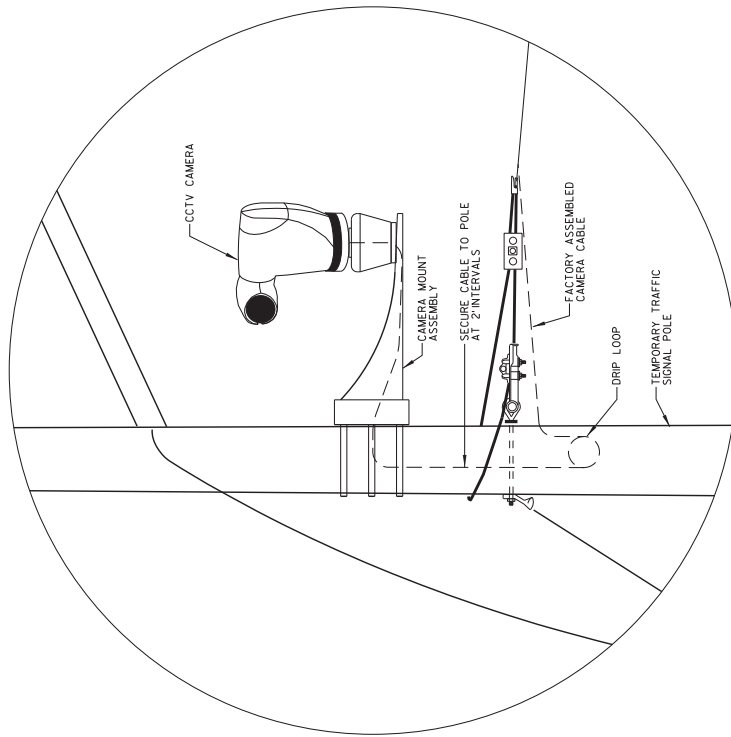
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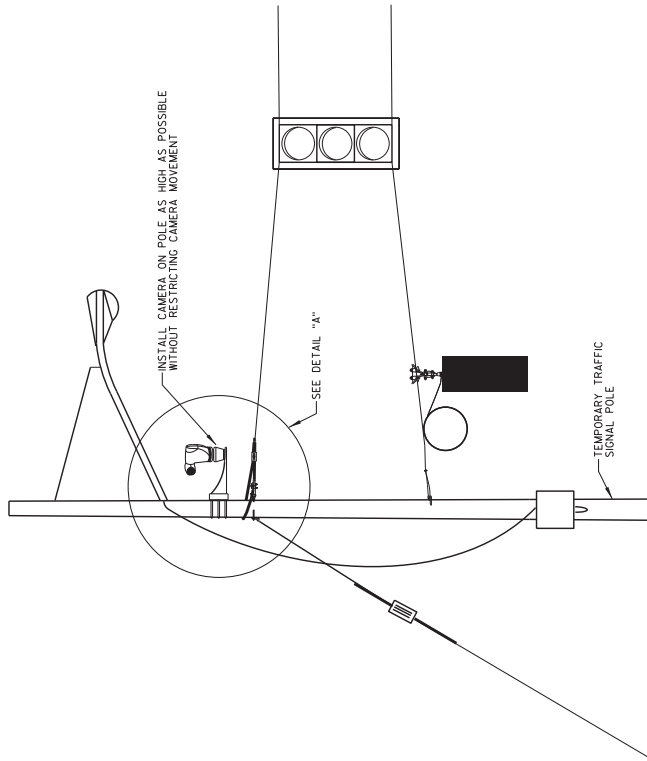
PLOT BY : d01cmv

PLOT SCALE : 40:1

WISDOT/CADD S SHEET 42



DETAIL "A"



CCTV MOUNTING DETAIL  
 (TEMPORARY TRAFFIC SIGNAL MOUNT)  
 NOT TO SCALE

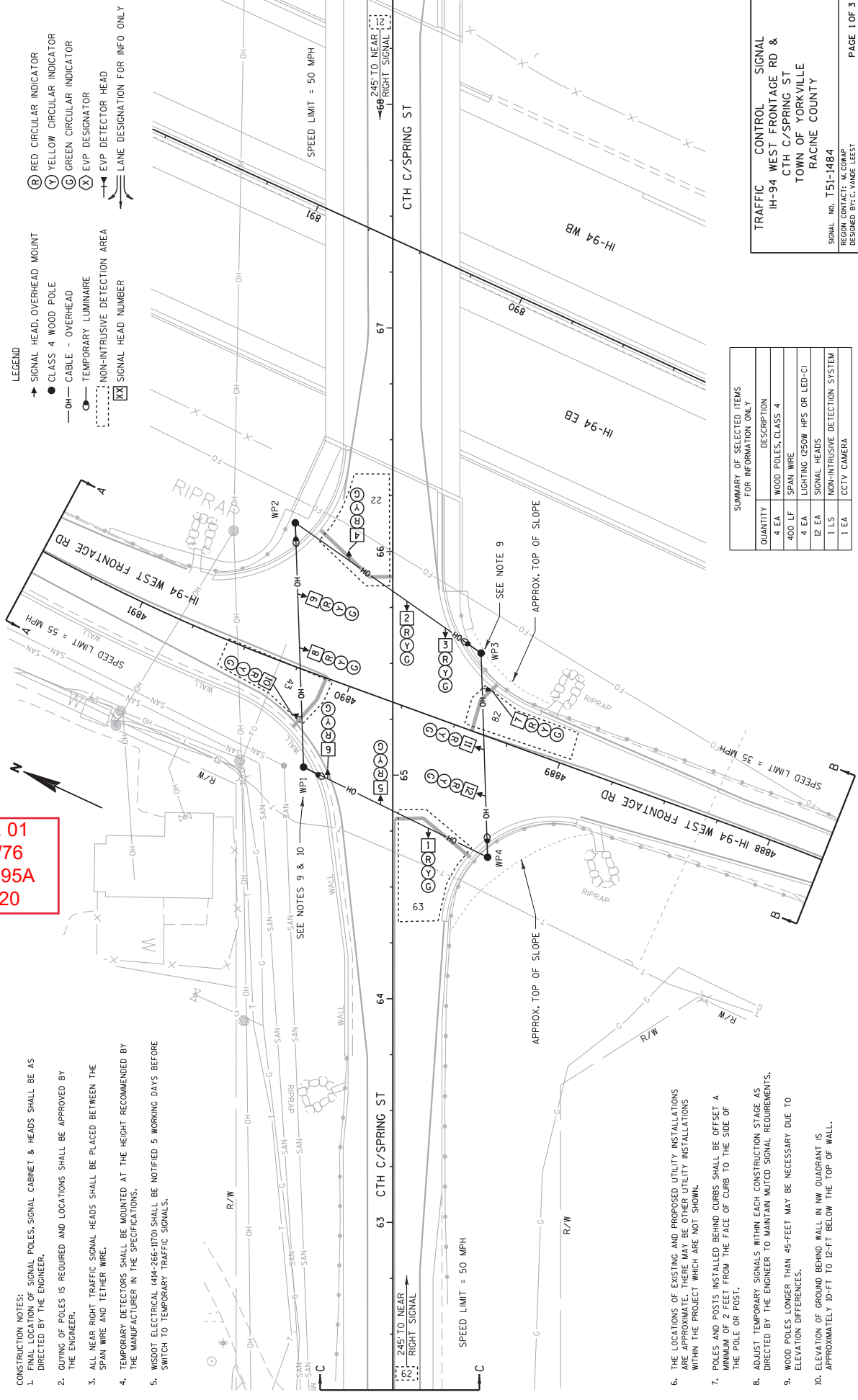
Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 212A  
 February 4, 2020

PROJECT NO: 1033-02-71	HWY: STH. 20	COUNTY: RACINE	TEMPORARY TRAFFIC SIGNAL DETAILS	SHEET 212A	E
FILE NAME : J:\proj\jects\02_10330204\71\SIG\Construction\Default\18\024405.sp - Temp_cctv.dgn					
PLOT DATE : 16-JAN-2020 11:06					
PLOT BY : dotcmv					
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PLOT SCALE : 2:1					
WISDOT/CADDS SHEET 42					

**Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 295A  
February 4, 2020**

- CONSTRUCTION NOTES:**
1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET & HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
  2. CLIPPING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
  3. ALL NEAR RIGHT TRAFFIC SIGNAL HEADS SHALL BE PLACED BETWEEN THE SPAN WIRE AND TETHER WIRE.
  4. TEMPORARY DETECTORS SHALL BE MOUNTED AT THE HEIGHT RECOMMENDED BY THE MANUFACTURER IN THE SPECIFICATIONS.
  5. WISDOT ELECTRICAL 644-266-(ITD) SHALL BE NOTIFIED 5 WORKING DAYS BEFORE SWITCH TO TEMPORARY TRAFFIC SIGNALS.

- LEGEND**
- SIGNAL HEAD, OVERHEAD MOUNT
  - CLASS 4 WOOD POLE
  - OH — CABLE - OVERHEAD
  - TEMPORARY LUMINAIRE
  - ⊗ NON-INTRUSIVE DETECTION AREA
  - ⊞ SIGNAL HEAD NUMBER
  - ⊙ RED CIRCULAR INDICATOR
  - ⊙ YELLOW CIRCULAR INDICATOR
  - ⊙ GREEN CIRCULAR INDICATOR
  - ⊙ EYP DESIGNATOR
  - ⊙ EYP DETECTOR HEAD
  - ⊞ LANE DESIGNATION FOR INFO ONLY



**SUMMARY OF SELECTED ITEMS FOR INFORMATION ONLY**

QUANTITY	DESCRIPTION
4 EA	WOOD POLES, CLASS 4
400 LF	SPAN WIRE
4 EA	LIGHTING (250W HPS OR LED-C)
12 EA	SIGNAL HEADS
1 LS	NON-INTRUSIVE DETECTION SYSTEM
1 EA	CCTV CAMERA

**TRAFFIC CONTROL SIGNAL**  
 IH-94 WEST FRONTAGE RD &  
 CTH C/SPRING ST  
 TOWN OF YORKVILLE  
 RACINE COUNTY

SIGNAL NO. T51-1484  
 REGIONAL CONTACT: M. COMAP  
 DESIGNED BY: C. VANDE LEESE  
 REVISIONS BY:

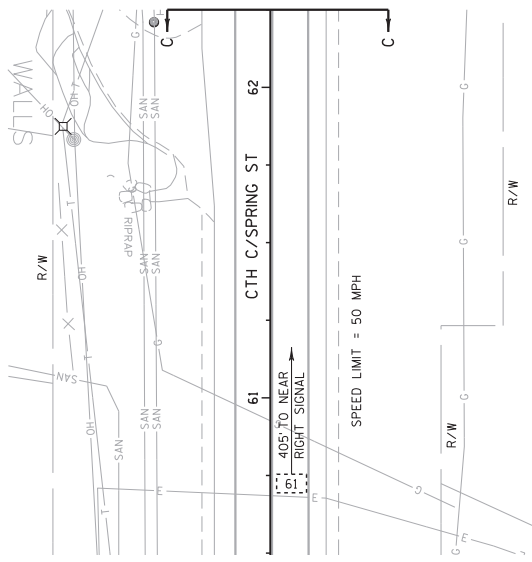
6. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
7. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POLE OR POST.
8. ADJUST TEMPORARY SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
9. WOOD POLES LONGER THAN 45-FEET MAY BE NECESSARY DUE TO ELEVATION DIFFERENCES.
10. ELEVATION OF GROUND BEHIND WALL IN NW QUADRANT IS APPROXIMATELY 10-FT TO 12-FT BELOW THE TOP OF WALL.

Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 295B  
 February 4, 2020

TRAFFIC CONTROL SIGNAL  
 IH-94 WEST FRONTAGE RD &  
 CTH C/SPRING ST.  
 TOWN OF YORKVILLE  
 RACINE COUNTY

SIGNAL NO. T51-1484  
 REGIONAL CONTACT: M. COMWAP  
 DESIGNED BY: C. VANDE LEESE  
 REVISIONS BY:

PAGE 2 OF 3  
 SHEET 295B



TEMPORARY TRAFFIC SIGNAL PLAN

COUNTY: RACINE

HWY: STH 20

PROJECT NO: 1033-02-71

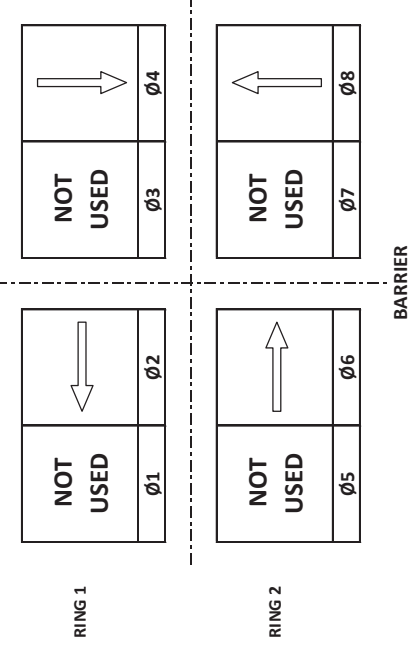
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PLOT BY: do0cmv

PLOT DATE: 16-JAN-2020 08:38

FILE NAME: J:\sproj\jects\02-10330294\71\SIG\T51-1484\_CTH-C-WFR\T51-1484\_CTH-C-WFR.dwg.dgn

HEAD NUMBERS	F	L	A	S	H
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Ø2					
Ø3					
Ø4					
Ø5					
Ø6					
Ø7					
Ø8					
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Ø4P					
Ø6P					
Ø8P					
OLA					
OLB					
OLC					
OLD					



**DETECTOR LOGIC**

DETECTOR NUMBER	AMPLIFIER CHANNEL	DETECTOR OPERATION		PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
		CALLS AND EXTENDS	CALLS ONLY							
21		X		2	2					NON-INTRUSIVE
22		X		2	2		X			NON-INTRUSIVE
41		X		4	4					NON-INTRUSIVE
42		X		4	4					NON-INTRUSIVE
43		X		4	4		X			NON-INTRUSIVE
81		X		8	8					NON-INTRUSIVE
82		X		8	8		X			NON-INTRUSIVE
61		X		6	6					NON-INTRUSIVE
62		X		6	6					NON-INTRUSIVE
63		X		6	6		X			NON-INTRUSIVE

**Addendum No. 01**  
**ID 1033-02-71/76**  
**Added Sheet 295C**  
**February 4, 2020**

**CONTROLLER LOGIC**

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				
2	X	6	MIN	X
3				
4		8		X
5				
6	X	2	MIN	X
7				
8		4		X

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWARE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	X

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO.	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

IH-94 WEST FRONTAGE RD & CTH C / SPRING ST	
TOWN OF YORKVILLE	
RACINE COUNTY	
SIGNAL NO: TS1-1484	CABINET TYPE: TS1
DATE: JANUARY 2020	CONTROLLER TYPE: COBALT
PAGE NUMBER: 3 OF 3	

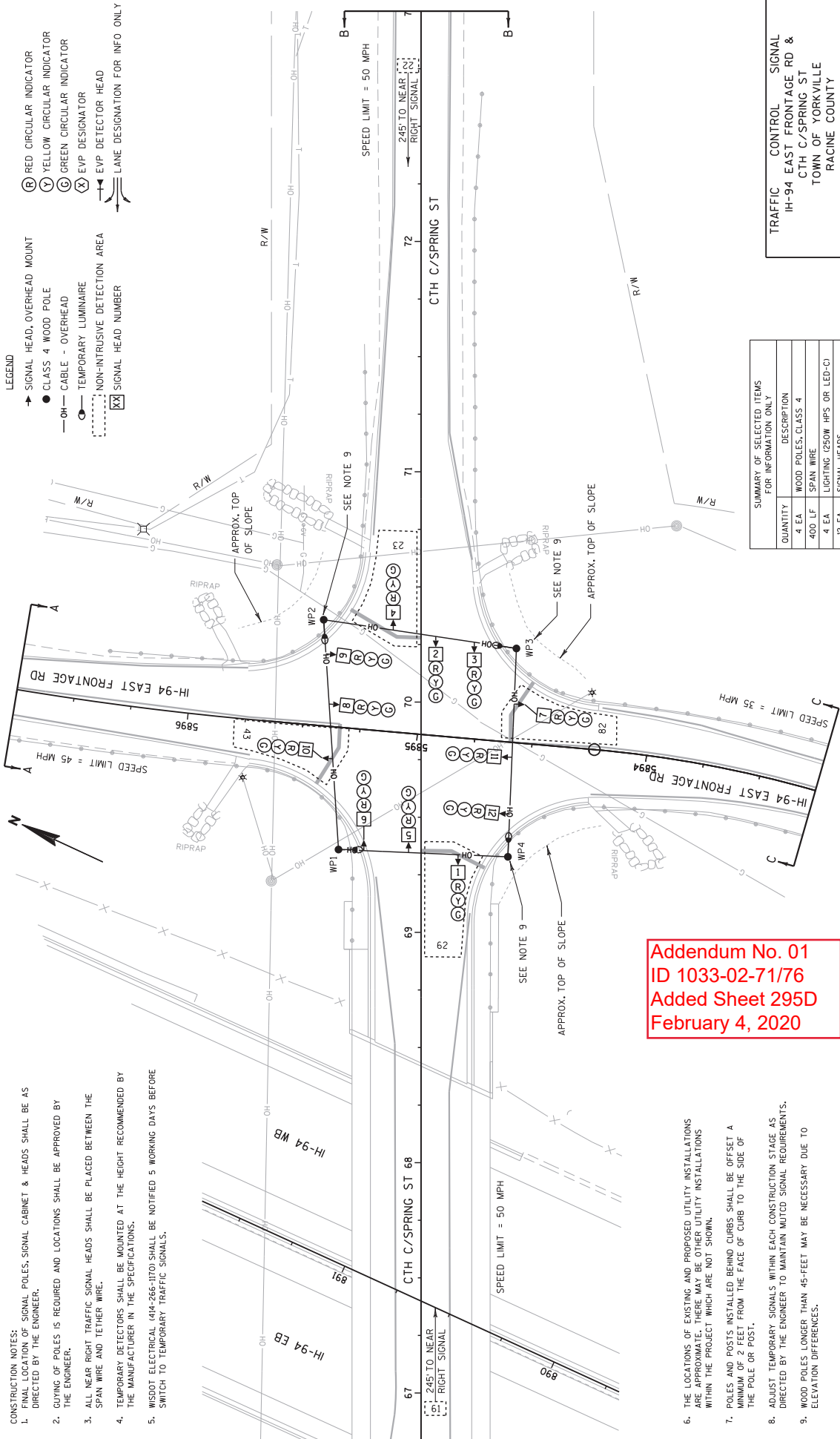
<b>PROJECT NO: 1033-02-71</b>	<b>COUNTY: RACINE</b>	<b>SEQUENCE OF OPERATIONS</b>
<b>HWY: IH 94 WEST FR</b>	<b>HWY: IH 94 WEST FR</b>	<b>SHEET NO: 295C</b>



- CONSTRUCTION NOTES:
1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET & HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
  2. CLIPPING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
  3. ALL NEAR RIGHT TRAFFIC SIGNAL HEADS SHALL BE PLACED BETWEEN THE SPAN WIRE AND TETHER WIRE.
  4. TEMPORARY DETECTORS SHALL BE MOUNTED AT THE HEIGHT RECOMMENDED BY THE MANUFACTURER IN THE SPECIFICATIONS.
  5. WISDOT ELECTRICAL 644-266-1170 SHALL BE NOTIFIED 5 WORKING DAYS BEFORE SWITCH TO TEMPORARY TRAFFIC SIGNALS.

LEGEND

- SIGNAL HEAD, OVERHEAD MOUNT
- CLASS 4 WOOD POLE
- OH — CABLE - OVERHEAD
- TEMPORARY LUMINAIRE
- ⊗ NON-INTRUSIVE DETECTION AREA
- ⊠ SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- EVP DESIGNATOR
- ⊗ EVP DETECTOR HEAD
- ⇄ LANE DESIGNATION FOR INFO ONLY



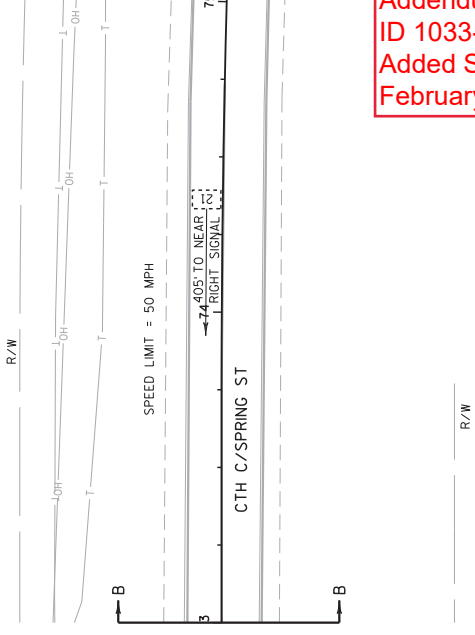
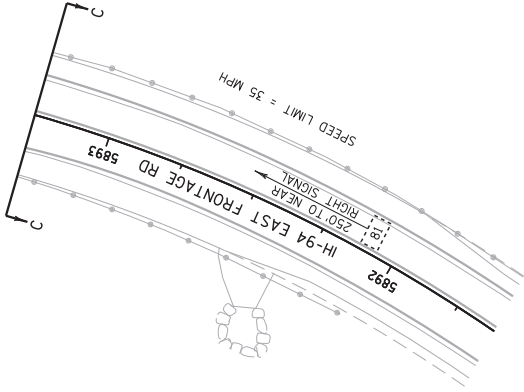
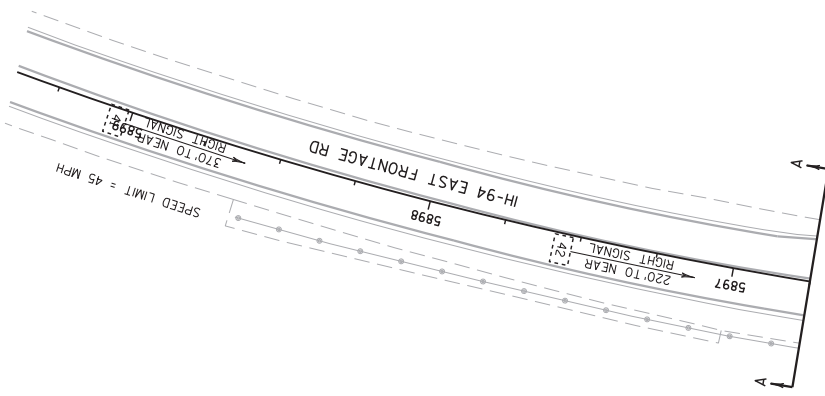
Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 295D  
February 4, 2020

SUMMARY OF SELECTED ITEMS FOR INFORMATION ONLY	
QUANTITY	DESCRIPTION
4 EA	WOOD POLES, CLASS 4
400 LF	SPAN WIRE
4 EA	LIGHTING (250W HPS OR LED-C)
12 EA	SIGNAL HEADS
1 LS	NON-INTRUSIVE DETECTION SYSTEM
1 EA	CCTV CAMERA

TRAFFIC CONTROL SIGNAL  
 IH-94 EAST FRONTAGE RD &  
 CTH C/SPRING ST  
 TOWN OF YORKVILLE  
 RACINE COUNTY

SIGNAL NO. T51-1485  
 REGIONAL CONTACT: M. COMAP  
 DESIGNED BY: C. VANDE LEESE  
 REUSED BY:

PAGE 1 OF 3



Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 295E  
 February 4, 2020

TRAFFIC CONTROL SIGNAL  
 IH-94 EAST FRONTAGE RD &  
 CTH C/SPRING ST  
 TOWN OF YORKVILLE  
 RACINE COUNTY

SIGNAL NO. T51-1485  
 REGIONAL CONTACT: M. COMAP  
 DESIGNED BY: C. VANDE LEESE  
 REVISED BY:

PAGE 2 OF 3

SHEET 295E  
 E

PROJECT NO: 1033-02-71

COUNTY: RACINE

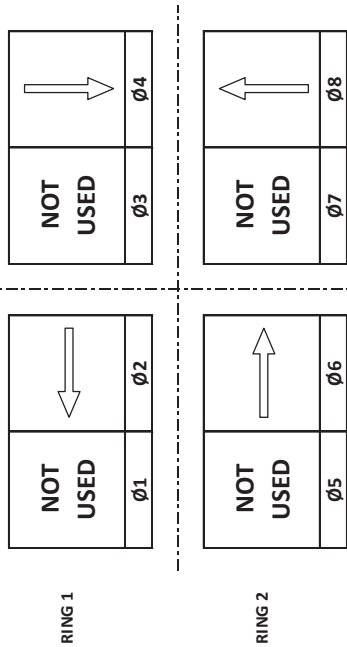
HWY: STH 20

TEMPORARY TRAFFIC SIGNAL PLAN

FILE NAME : J:\proj\02\1033024\71\SIG\T51-1485\_CTH-C-EFR\T51-1485\_CTH-C-EFR.dgn  
 PLOT DATE : 17-JAN-2020 07:35  
 PLOT BY : d01cmv  
 PLOT SCALE : 40:1  
 WISDOT/CADDIS SHEET 42

**DETECTOR LOGIC**

HEAD NUMBERS	F	L	A	S	H
Ø1					
Ø2					
Ø3					
Ø4					
Ø5					
Ø6					
Ø7					
Ø8					
Ø2P					
Ø4P					
Ø6P					
Ø8P					
OLA					
OLB					
OLC					
OLD					



DETECTOR NUMBER	AMPLIFIER CHANNEL	DETECTOR OPERATION			PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
		CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY							
21		X			2	2					NON-INTRUSIVE
22		X			2	2					NON-INTRUSIVE
23		X			2	2	X				NON-INTRUSIVE
41		X			4	4					NON-INTRUSIVE
42		X			4	4					NON-INTRUSIVE
43		X			4	4					NON-INTRUSIVE
81		X			8	8	X				NON-INTRUSIVE
82		X			8	8	X				NON-INTRUSIVE
61		X			6	6					NON-INTRUSIVE
62		X			6	6	X				NON-INTRUSIVE

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 295F  
February 4, 2020

IH-94 EAST FRONTAGE RD & CTH C/SPRING ST  
TOWN OF YORKVILLE  
RACINE COUNTY  
SIGNAL NO: T51-1485 CABINET TYPE: T51  
CONTROLLER TYPE: COBALT  
DATE: JANUARY 2020 PAGE NUMBER: 3 OF 3

**TYPE OF PRE-EMPT**

NONE	
RAILROAD	X
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWARE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

**TYPE OF INTERCONNECT/COMMUNICATION**

NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
GELL MODEM	X

**TYPE OF COORDINATION**

NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO. S-	
SIGNAL SYSTEM NO: S\$-	

**TYPE OF LIGHTING**

BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

**CONTROLLER LOGIC**

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				
2	X	6	MIN	X
3				
4		8		X
5				
6	X	2	MIN	X
7				
8		4		X

**SEQUENCE OF OPERATIONS**

<b>PROJECT NO: 1033-02-71</b>	<b>HWY: IH 94 EAST FR</b>	<b>COUNTY: RACINE</b>	<b>SEQUENCE OF OPERATIONS</b>	<b>SHEET NO: 295F</b>	<b>E</b>
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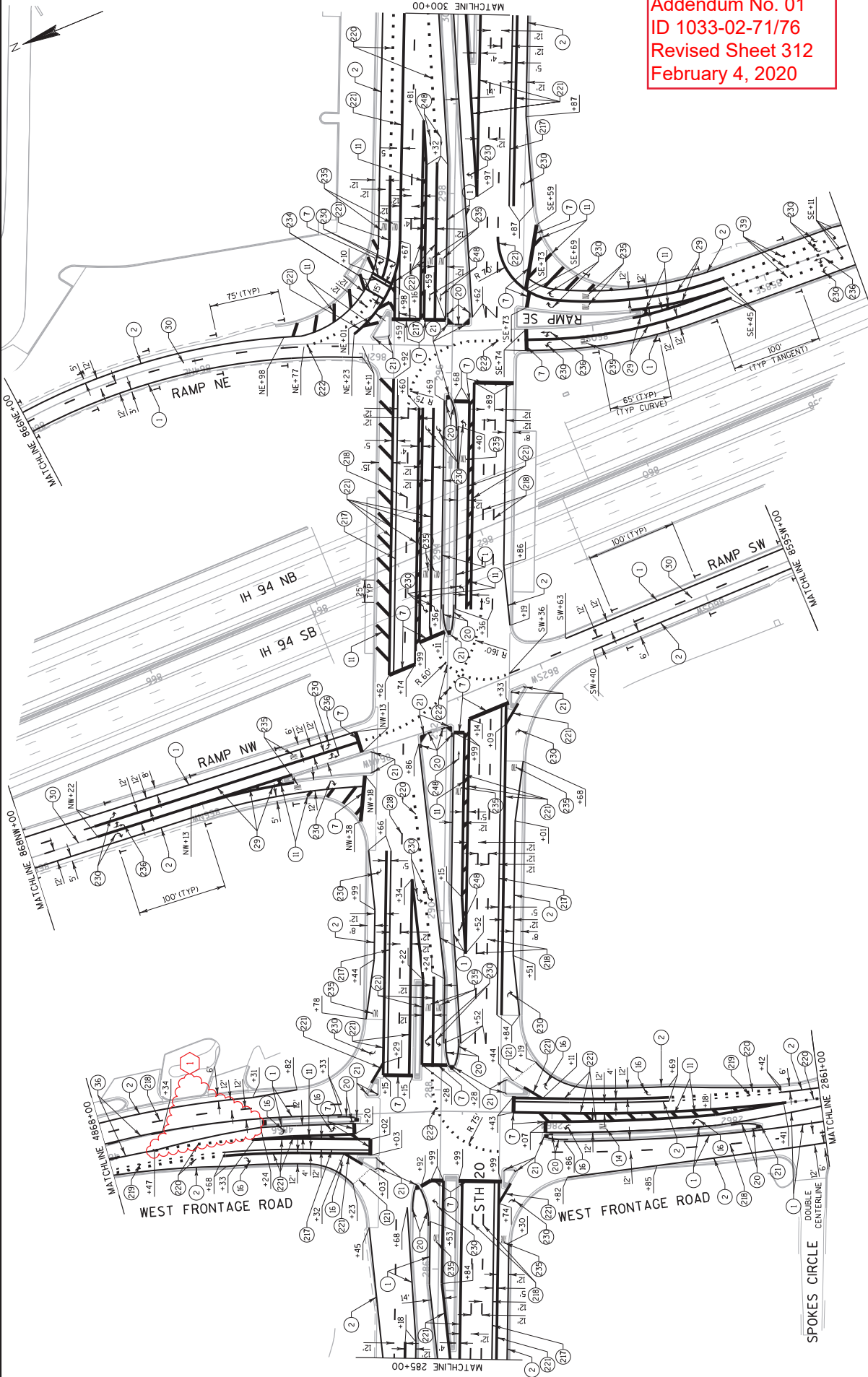
LEGEND

- 1 MARKING LINE EPOXY 4-INCH (YELLOW)
- 2 MARKING LINE EPOXY 4-INCH (WHITE)
- 3 MARKING LINE EPOXY 4-INCH (DASHED WHITE)  
(2.5 FT LINE 37.5 FT SKIP)
- 4 MARKING LINE EPOXY 4-INCH (DOT PATTERN WHITE)  
(3 FT LINE 9 FT SKIP)
- 5 MARKING LINE EPOXY 8-INCH (DOT PATTERN WHITE)  
(3 FT LINE 9 FT SKIP)
- 6 MARKING LINE EPOXY 8-INCH (WHITE)
- 7 MARKING STOP LINE EPOXY 18-INCH (WHITE)
- 10 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 11 MARKING DIAGONAL EPOXY 12-INCH (WHITE)
- 14 MARKING WORDS EPOXY (WHITE)
- 16 MARKING ARROWS EPOXY (TYPE 2) (WHITE)
- 20 MARKING CURB EPOXY (YELLOW)
- 21 MARKING ISLAND NOSE EPOXY (YELLOW)
- 29 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 8-INCH (WHITE)
- 30 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (DASHED WHITE)  
(2.5 FT LINE 37.5 FT SKIP)
- 36 MARKING LINE EPOXY 4-INCH (DASHED YELLOW)  
(2.5 FT LINE 37.5 FT SKIP)
- 37 MARKING LINE EPOXY 4-INCH (DOT PATTERN YELLOW)  
(3 FT LINE 9 FT SKIP)
- 39 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 8-INCH (DOT PATTERN WHITE)  
(3 FT LINE 9 FT SKIP)
- 121 MARKING YIELD LINE EPOXY 18-INCH (WHITE)
- 217 MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)  
(2.5 FT LINE 37.5 FT SKIP)
- 218 MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (DASHED WHITE)  
(2.5 FT LINE 37.5 FT SKIP)
- 219 MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (DOT PATTERN WHITE)  
(3 FT LINE 9 FT SKIP)
- 220 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE)  
(3 FT LINE 9 FT SKIP)
- 221 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
- 222 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE)  
(2 FT LINE 6 FT SKIP)
- 230 MARKING CONTRAST EPOXY SPECIAL MARKING ARROW (TYPE 2) (WHITE)
- 234 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- 235 MARKING CONTRAST EPOXY SPECIAL MARKING WORD (WHITE)
- 238 MARKING CONTRAST EPOXY SPECIAL MARKING ARROW (TYPE 3) (WHITE)
- 248 MARKING CONTRAST EPOXY SPECIAL MARKING ARROW (TYPE D) (WHITE)



1 SINGLE DELINEATOR

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 309  
 February 4, 2020



Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 312  
 February 4, 2020

PROJECT NO: 1033-02-71/76	COUNTY: RACINE	PAVEMENT MARKING	SHEET 312	E
FILE NAME : S:\A\FinalDesign\2010330271.L\Roads\cda\024503.dwg	HWY: IH 94/STH 20	PLOT BY : mscdls	PLOT SCALE : 1:100.1	WISDOT/CAOSD SHEET 42

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 325A  
February 4, 2020

**ACCESS TO  
LOCAL  
BUSINESSES**

R10-71  
66" X 36"



M06-1  
21" X 21"  
ROTATE ARROW AS  
DIRECTED BY ENGINEER

**ACCESS TO  
LOCAL  
BUSINESSES**

R10-71  
66" X 36"



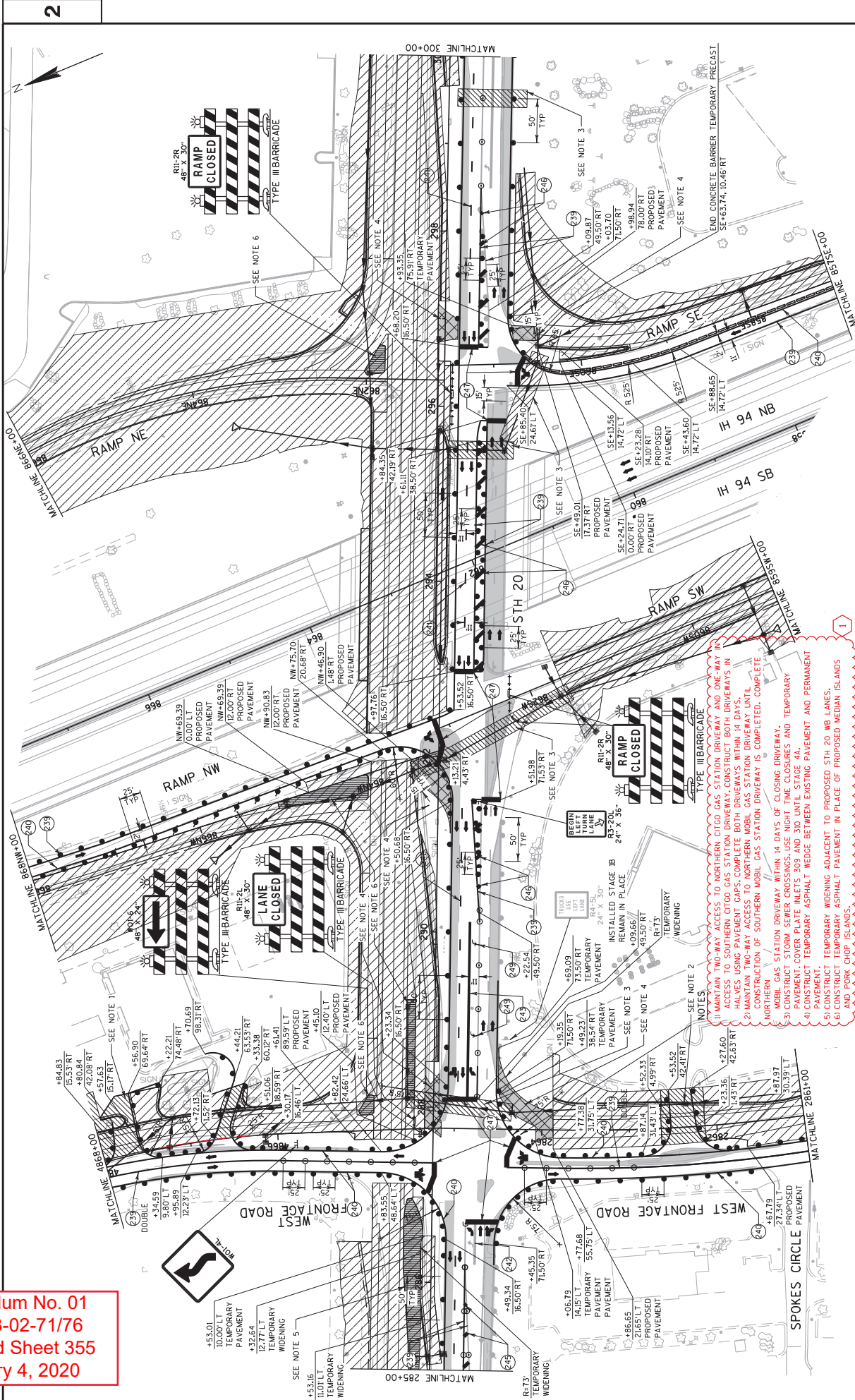
M 6-2  
21" X 21"  
ROTATE ARROW AS  
DIRECTED BY ENGINEER

LOCAL BUSINESS ACCESS SIGNS

INSTALL AT ALL LOCAL BUSINESS DRIVEWAY  
ACCESS POINTS IMPACTED BY CONSTRUCTION  
STAGING AS DIRECTED BY THE ENGINEER.

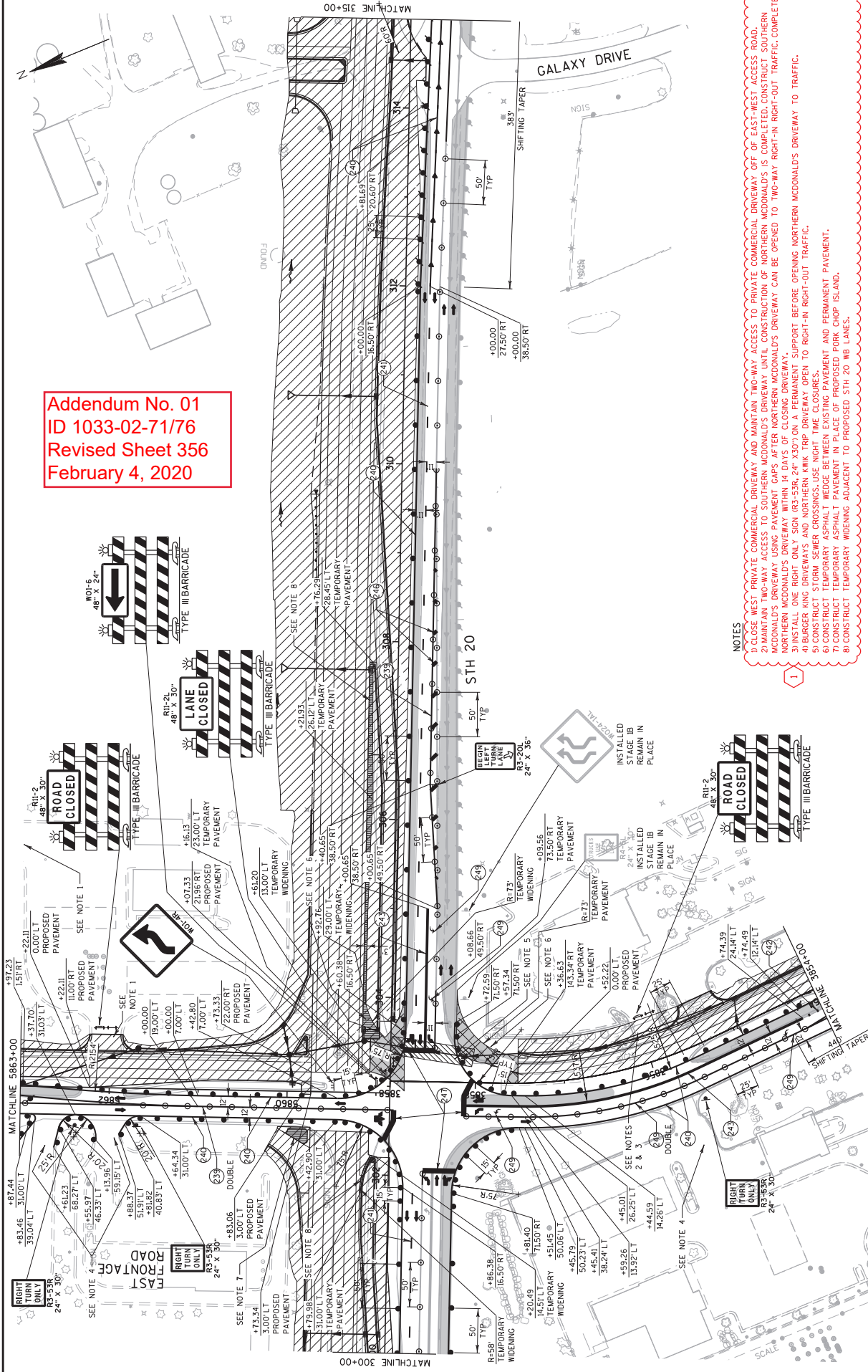


Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 355  
 February 4, 2020



- 1) MAINTAIN TWO-WAY ACCESS TO NORTHERN CITGO GAS STATION DRIVEWAY AND ONE-WAY IN ACCESS TO SOUTHERN CITGO GAS STATION DRIVEWAY. CONSTRUCT BOTH DRIVEWAYS IN HALVES USING PAVEMENT GAPS. COMPLETE BOTH DRIVEWAYS WITHIN 14 DAYS.
- 2) MAINTAIN TWO-WAY ACCESS TO NORTHERN MOBIL GAS STATION DRIVEWAY UNTIL NORTHERN SECTION OF SOUTHERN MOBIL GAS STATION DRIVEWAY IS COMPLETED. COMPLETE NORTHERN SECTION OF SOUTHERN MOBIL GAS STATION DRIVEWAY WITHIN 14 DAYS OF CLOSING DRIVEWAY.
- 3) CONSTRUCT STATION DRIVEWAY WITHIN 14 DAYS OF CLOSING DRIVEWAY.
- 4) CONSTRUCT STORM SEWER CROSSINGS. USE NIGHT TIME CLOSURES AND TEMPORARY PAVEMENT. COVER PLATE INLETS 309 AND 310 UNTIL STAGE 4A.
- 5) CONSTRUCT TEMPORARY ASPHALT WEDGE BETWEEN EXISTING PAVEMENT AND PERMANENT PAVEMENT.
- 6) CONSTRUCT TEMPORARY WIDENING ADJACENT TO PROPOSED STH 20 WB LANES. CONSTRUCT TEMPORARY ASPHALT PAVEMENT IN PLACE OF PROPOSED MEDIAN ISLANDS (300, 309, 310, 314, 315).

**Addendum No. 01**  
**ID 1033-02-71/76**  
**Revised Sheet 356**  
**February 4, 2020**

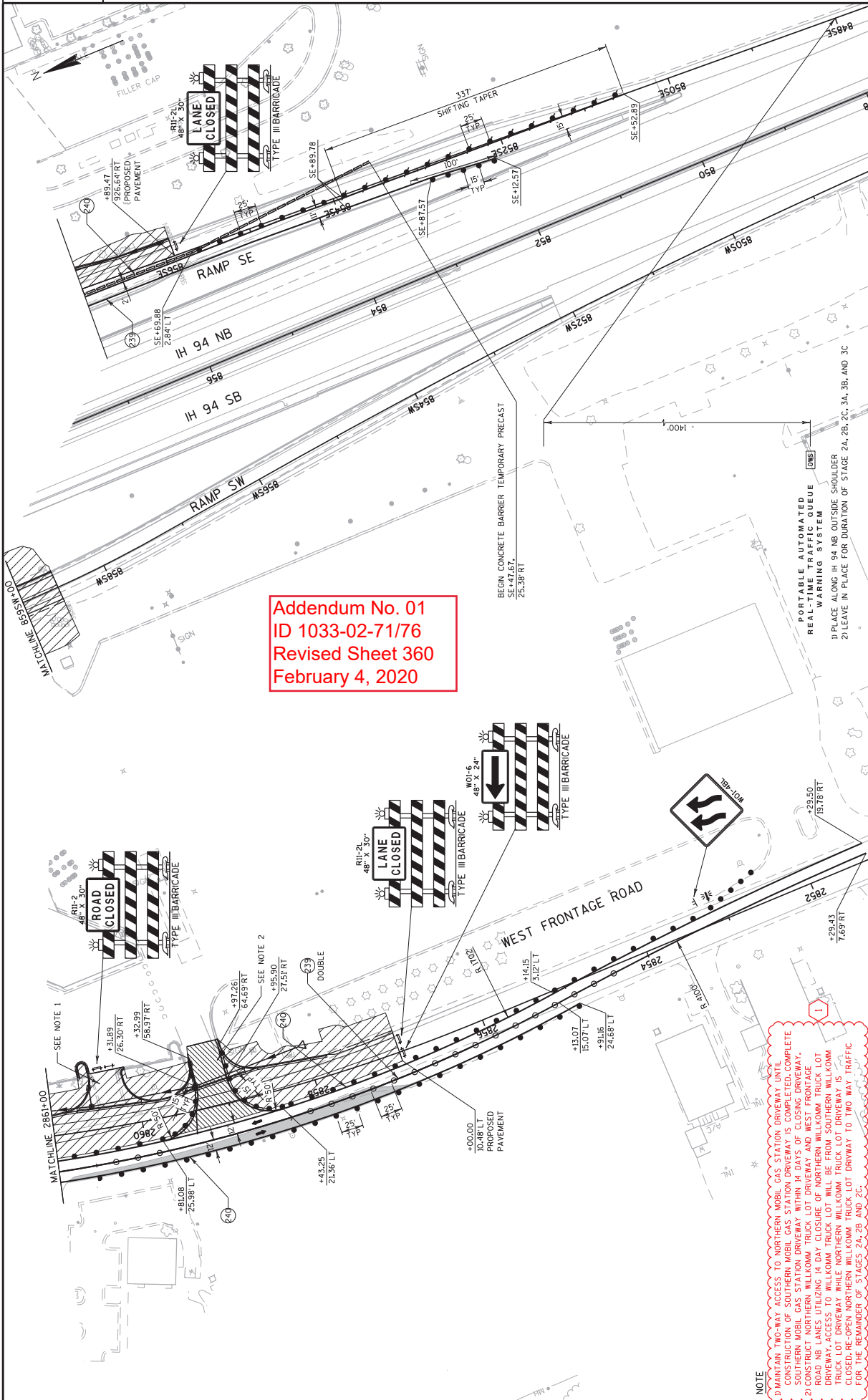


**NOTES**

- 1) CLOSE WEST PRIVATE COMMERCIAL DRIVEWAY AND MAINTAIN TWO-WAY ACCESS TO PRIVATE COMMERCIAL DRIVEWAY OFF OF EAST-WEST ACCESS ROAD.
- 2) MAINTAIN TWO-WAY ACCESS TO SOUTHERN MCDONALD'S DRIVEWAY UNTIL CONSTRUCTION OF NORTHERN MCDONALD'S IS COMPLETED. CONSTRUCT SOUTHERN MCDONALD'S DRIVEWAY USING PAVEMENT GAPS AFTER NORTHERN MCDONALD'S DRIVEWAY CAN BE OPENED TO TWO-WAY RIGHT-IN RIGHT-OUT TRAFFIC. COMPLETE NORTHERN MCDONALD'S DRIVEWAY WITHIN 14 DAYS OF CLOSING DRIVEWAY.
- 3) INSTALL ONE RIGHT ONLY SIGN (R3-53R, 24" X30") ON A PERMANENT DRIVEWAY.
- 4) BURGER KING DRIVEWAYS AND NORTHERN KWIK TRIP DRIVEWAY OPEN TO RIGHT-IN RIGHT-OUT TRAFFIC.
- 5) CONSTRUCT STORM SEWER CROSSINGS. USE HIGH TIME CLOSURES.
- 6) CONSTRUCT TEMPORARY ASPHALT PAVEMENT AND PERMANENT PAVEMENT.
- 7) CONSTRUCT TEMPORARY ASPHALT PAVEMENT IN PLACE OF PROPOSED PORK CHOP ISLAND.
- 8) CONSTRUCT TEMPORARY WIDENING ADJACENT TO PROPOSED STH 20 WB LANES.

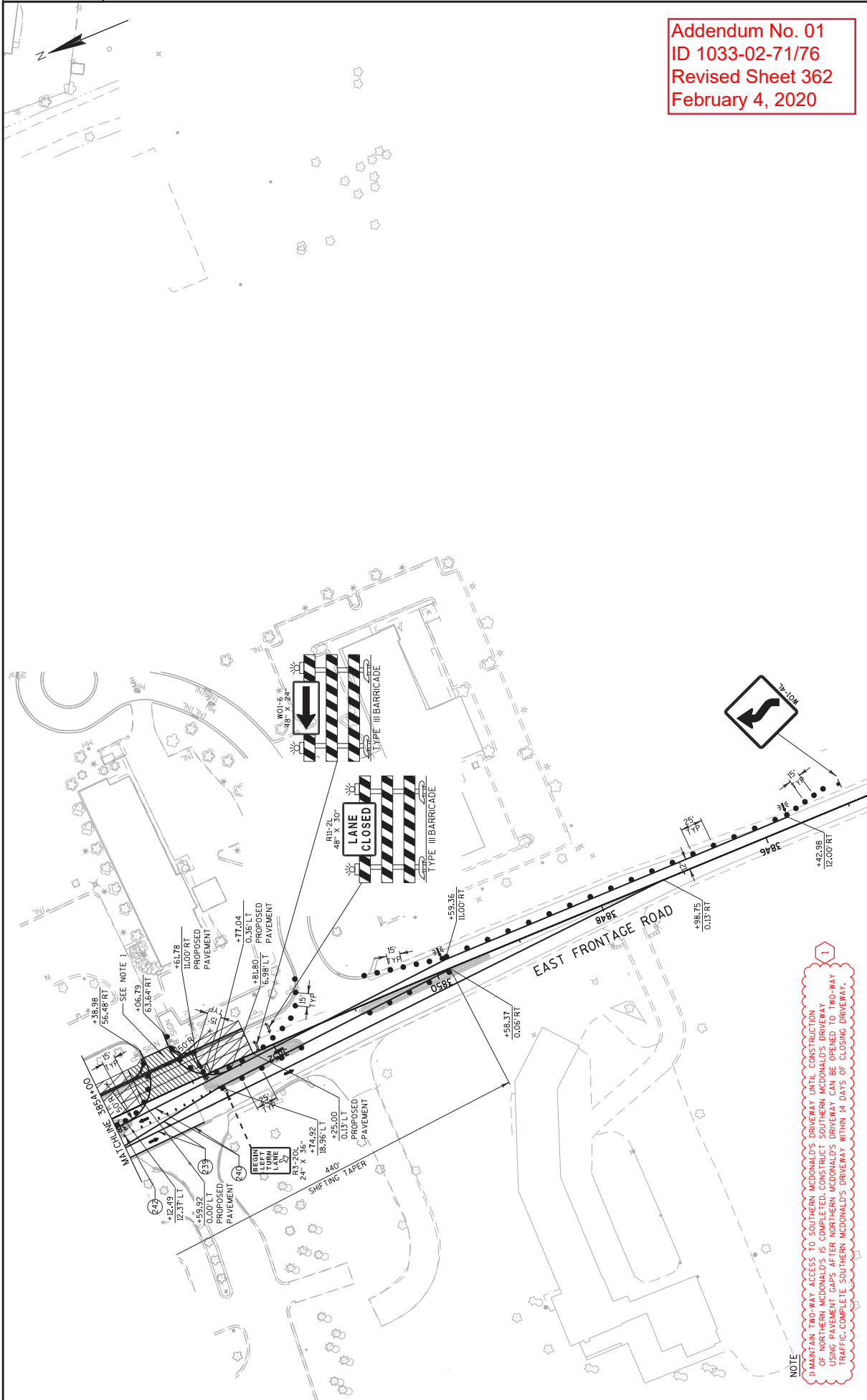
PROJECT NO: 1033-02-71/76      COUNTY: RACINE      STAGE 2A CONSTRUCTION      SHEET 356





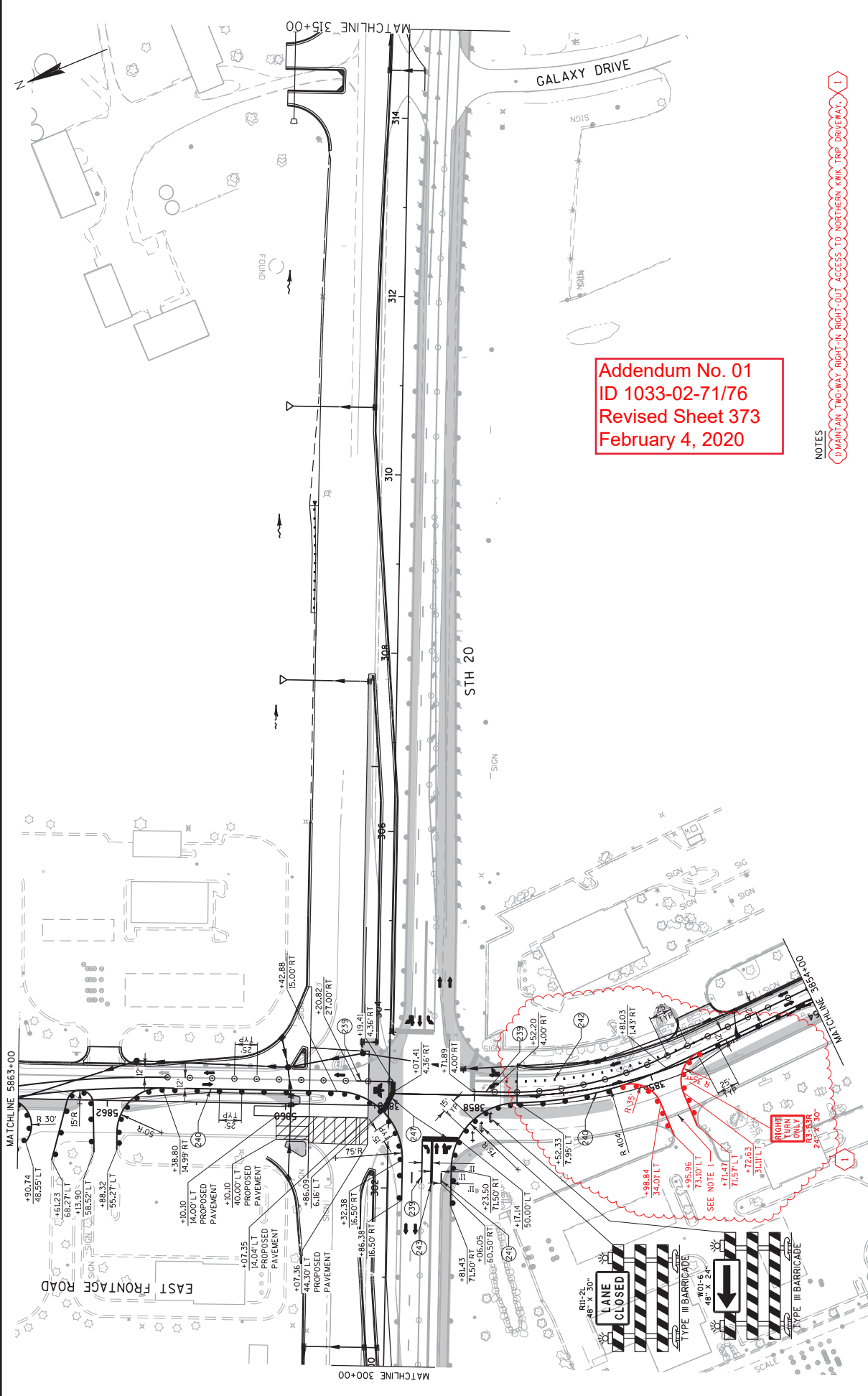
Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 360  
 February 4, 2020

**NOTE**  
 1) MAINTAIN TWO-WAY ACCESS TO NORTHERN MOBIL GAS STATION DRIVEWAY UNTIL CONSTRUCTION OF SOUTHERN MOBIL GAS STATION DRIVEWAY IS COMPLETED. COMPLETE SOUTHERN MOBIL GAS STATION DRIVEWAY WITHIN 14 DAYS OF CLOSING DRIVEWAY.  
 2) CONSTRUCT NORTHERN WILKOMM TRUCK LOT DRIVEWAY AND WEST FRONTAGE ROAD NB LANES UTILIZING 14 DAY CLOSURE OF NORTHERN WILKOMM TRUCK LOT DRIVEWAY. ACCESS TO WILKOMM TRUCK LOT WILL BE FROM SOUTHERN WILKOMM DRIVEWAY. NORTHERN WILKOMM TRUCK LOT DRIVEWAY IS CLOSED PER STAGES 2A, 2B AND 2C. ACCESS TO NORTHERN WILKOMM TRUCK LOT DRIVEWAY IS FOR THE REMAINDER OF STAGES 2A, 2B AND 2C.



Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 362  
 February 4, 2020

NOTE  
 1. MAINTAIN TWO-WAY ACCESS TO SOUTHERN MCDONALD'S DRIVEWAY UNTIL CONSTRUCTION OF NORTHERN MCDONALD'S IS COMPLETED. CONSTRUCT SOUTHERN MCDONALD'S DRIVEWAY USING PAVEMENT GAPS AFTER NORTHERN MCDONALD'S DRIVEWAY CAN BE OPENED TO TWO-WAY TRAFFIC. COMPLETE SOUTHERN MCDONALD'S DRIVEWAY WITHIN 14 DAYS OF CLOSING DRIVEWAY.

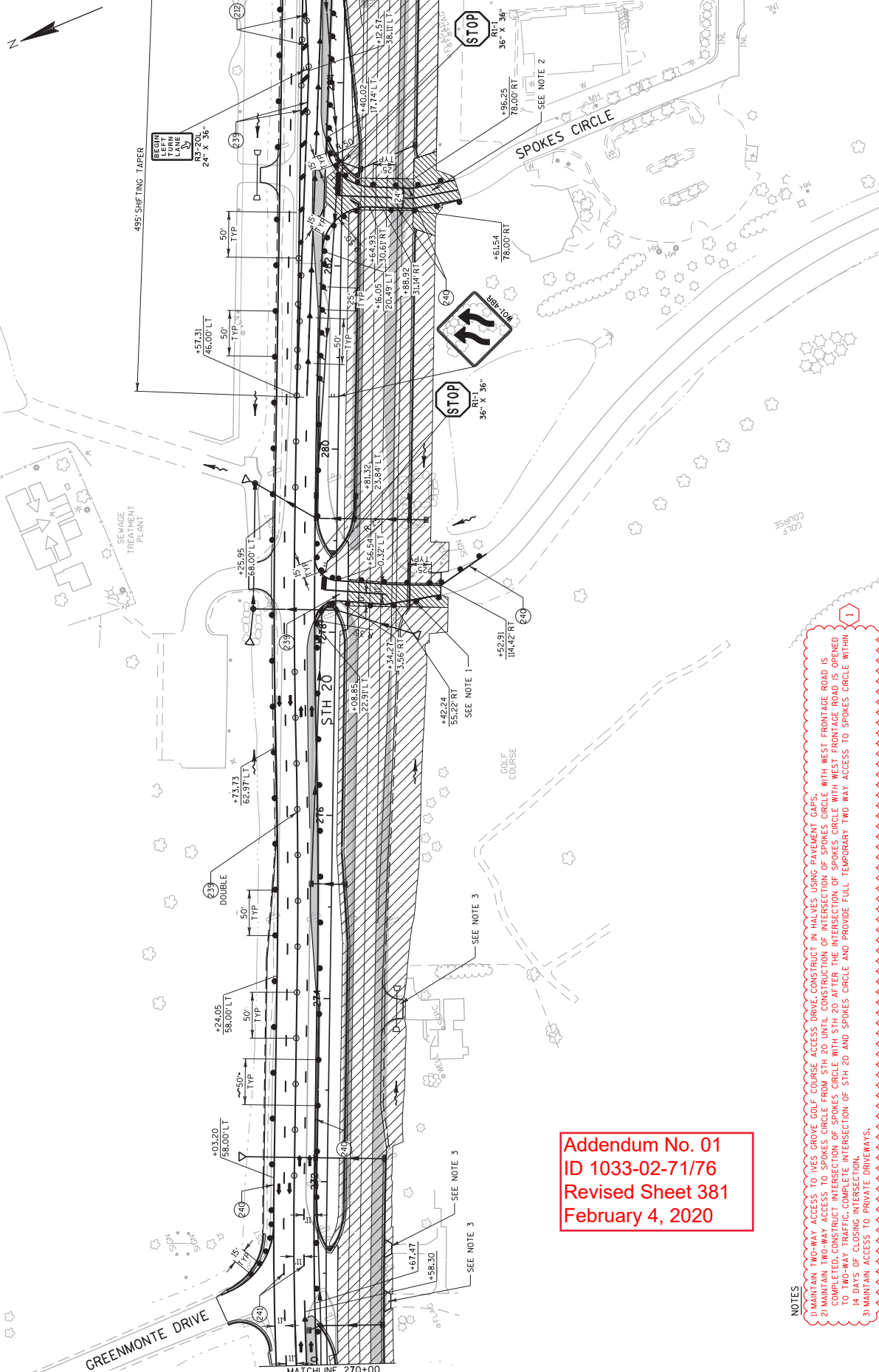


Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 373  
 February 4, 2020

NOTES

1. (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KK) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LL) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)

PROJECT NO: 1033-02-71/76	HWY: IH 94/STH 20	COUNTY: RACINE	STAGE 2C CONSTRUCTION	SHEET 373	E
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PLOT BY : mscdlis					
PLOT NAME : 026414_scc					
PLOT SCALE : 100:1					
WISDOT/CADD SHEET 42					

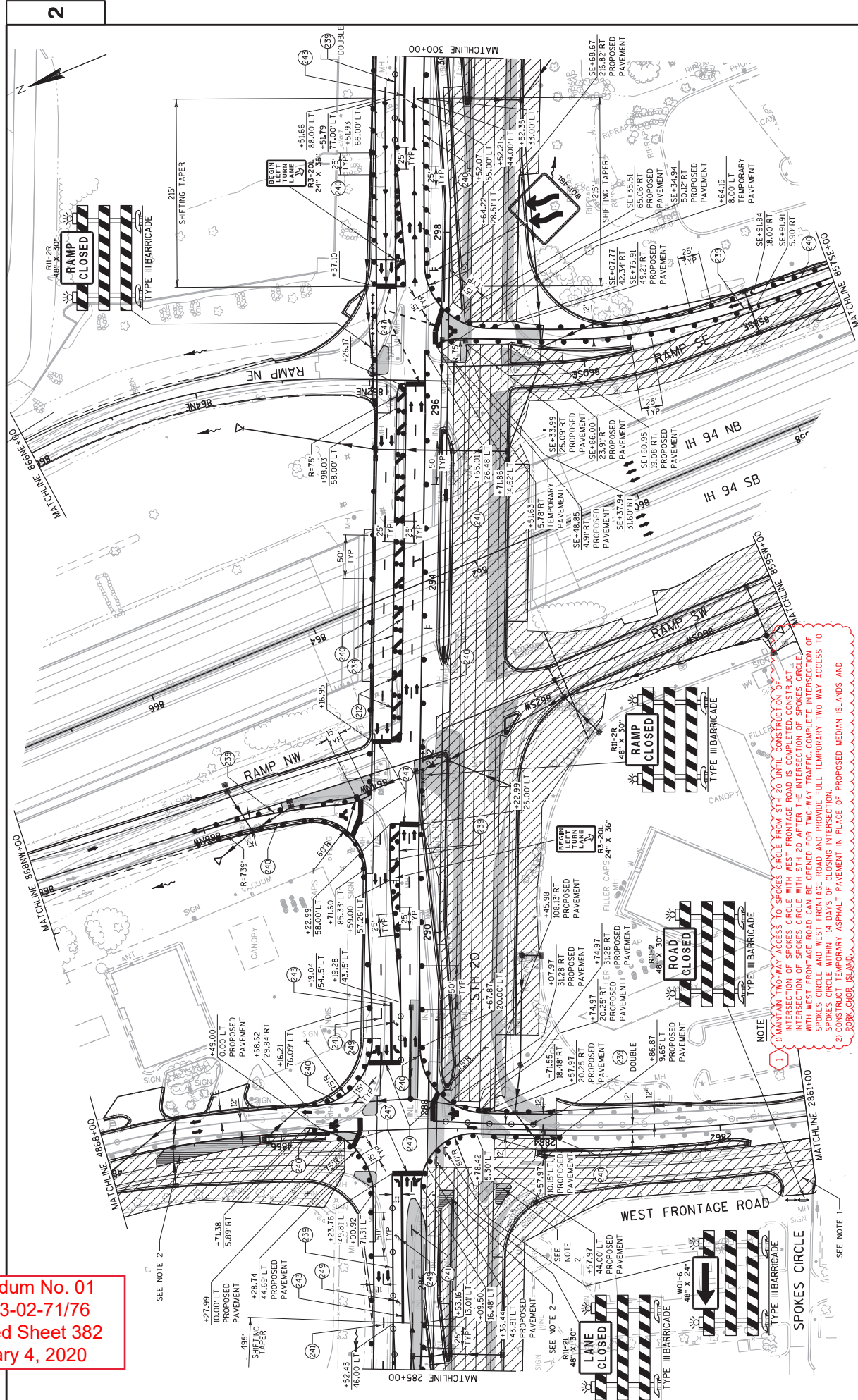


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 ID 1033-02-71/76  
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 February 4, 2020

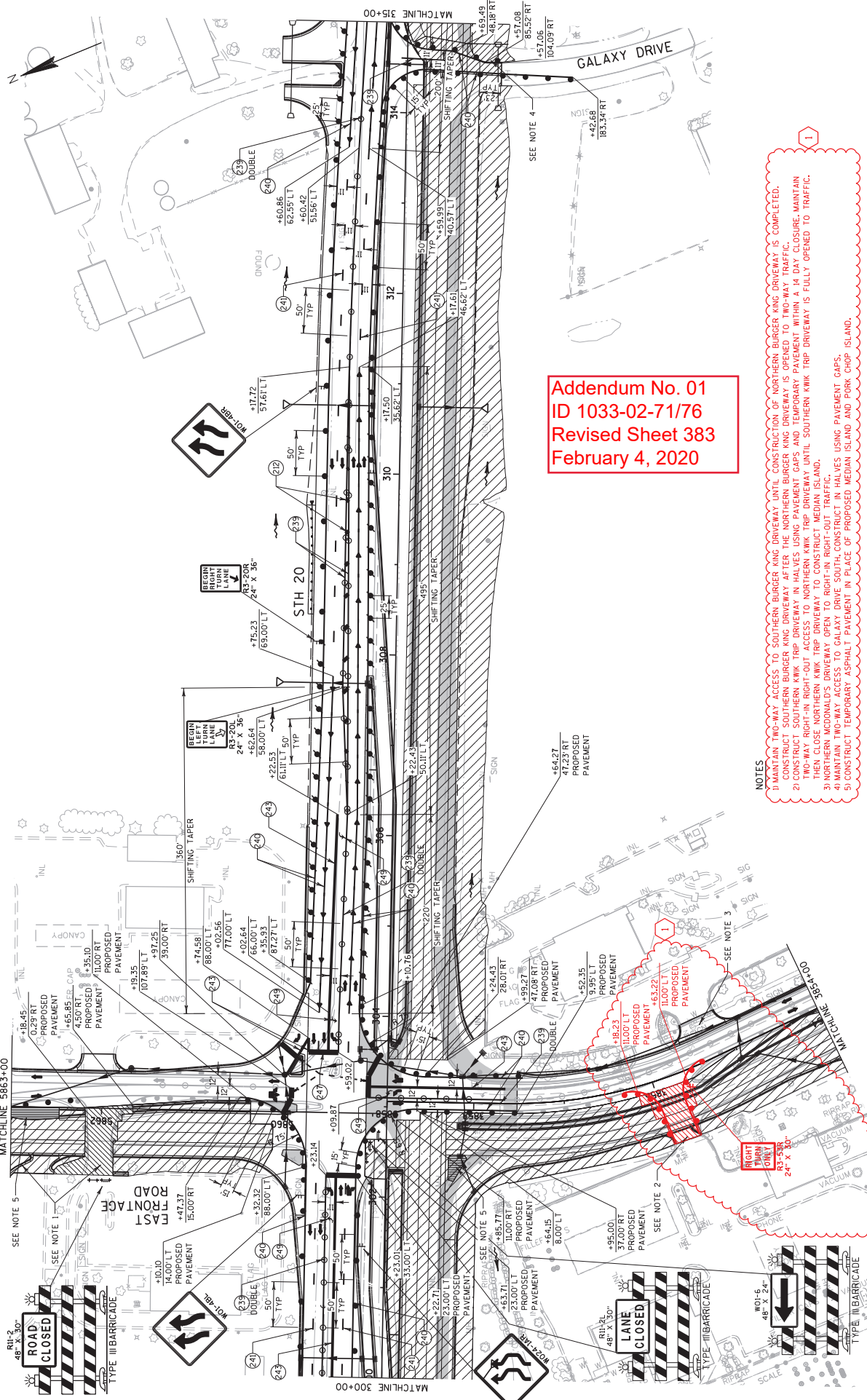
- NOTES**
- 1) MAINTAIN TWO-WAY ACCESS TO IVES GROVE GOLF COURSE ACCESS DRIVE. CONSTRUCT IN HALVES USING PAVEMENT GAPS.
  - 2) MAINTAIN TWO-WAY ACCESS TO SPOKES CIRCLE FROM STH 20 UNTIL CONSTRUCTION OF INTERSECTION OF SPOKES CIRCLE WITH WEST FRONTAGE ROAD IS COMPLETED. CONSTRUCT INTERSECTION OF SPOKES CIRCLE WITH STH 20 AFTER THE INTERSECTION OF SPOKES CIRCLE WITH WEST FRONTAGE ROAD IS OPENED TO TWO-WAY TRAFFIC. COMPLETE INTERSECTION OF STH 20 AND SPOKES CIRCLE AND PROVIDE FULL TEMPORARY TWO WAY ACCESS TO SPOKES CIRCLE WITHIN 14 DAYS OF CLOSING INTERSECTION.
  - 3) MAINTAIN ACCESS TO PRIVATE DRIVEWAYS.



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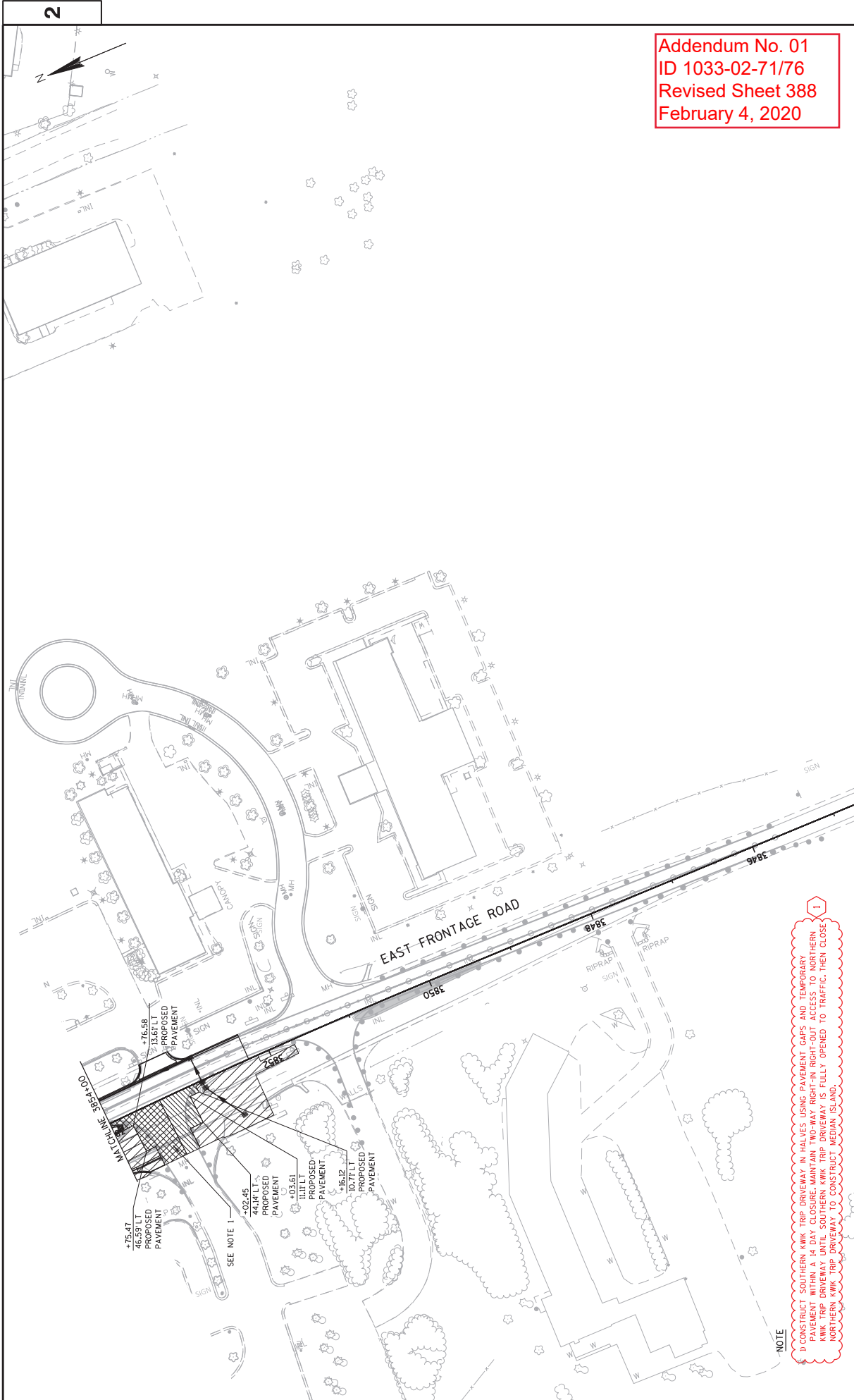


NOTE  
 1. MAINTAIN TWO-WAY ACCESS TO SPOKES CIRCLE FROM STH 20 UNTIL CONSTRUCTION OF INTERSECTION OF SPOKES CIRCLE WITH WEST FRONTAGE ROAD IS COMPLETED. CONSTRUCTION OF INTERSECTION OF SPOKES CIRCLE WITH STH 20 AFTER THE INTERSECTION OF SPOKES CIRCLE WITH WEST FRONTAGE ROAD CAN BE OPENED FOR TWO-WAY TRAFFIC. COMPLETE INTERSECTION OF SPOKES CIRCLE AND WEST FRONTAGE ROAD AND PROVIDE FULL TEMPORARY TWO WAY ACCESS TO SPOKES CIRCLE WITHIN 14 DAYS OF CLOSING INTERSECTION. PROVIDE TEMPORARY ASPHALT PAVEMENT IN PLACE OF PROPOSED MEDIAN ISLANDS AND 2' BUFFER ZONE ISLAND.



**Addendum No. 01**  
**ID 1033-02-71/76**  
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- NOTES:**
- 1) MAINTAIN TWO-WAY ACCESS TO SOUTHERN BURGER KING DRIVEWAY UNTIL CONSTRUCTION OF NORTHERN BURGER KING DRIVEWAY IS COMPLETED.
  - 2) CONSTRUCT SOUTHERN BURGER KING DRIVEWAY AFTER THE NORTHERN BURGER KING DRIVEWAY IS OPENED TO TWO-WAY TRAFFIC.
  - 3) CONSTRUCT SOUTHERN KWK TRIP DRIVEWAY HALVES USING PAVEMENT CAPS AND TEMPORARY PAVEMENT WITHIN A 14 DAY CLOSURE. MAINTAIN TWO-WAY ACCESS TO SOUTHERN KWK TRIP DRIVEWAY UNTIL SOUTHERN KWK TRIP DRIVEWAY IS FULLY OPENED TO TRAFFIC.
  - 4) THEN CLOSE NORTHERN KWK TRIP DRIVEWAY TO CONSTRUCT MEDIAN ISLAND.
  - 5) NORTHERN MCDONALD'S DRIVEWAY OPEN TO RIGHT-IN RIGHT-OUT TRAFFIC.
  - 6) MAINTAIN TWO-WAY ACCESS TO GALAXY DRIVE SOUTH, CONSTRUCT IN HALVES USING PAVEMENT CAPS.
  - 7) CONSTRUCT TEMPORARY ASPHALT PAVEMENT IN PLACE OF PROPOSED MEDIAN ISLAND AND PORK CHOP ISLAND.



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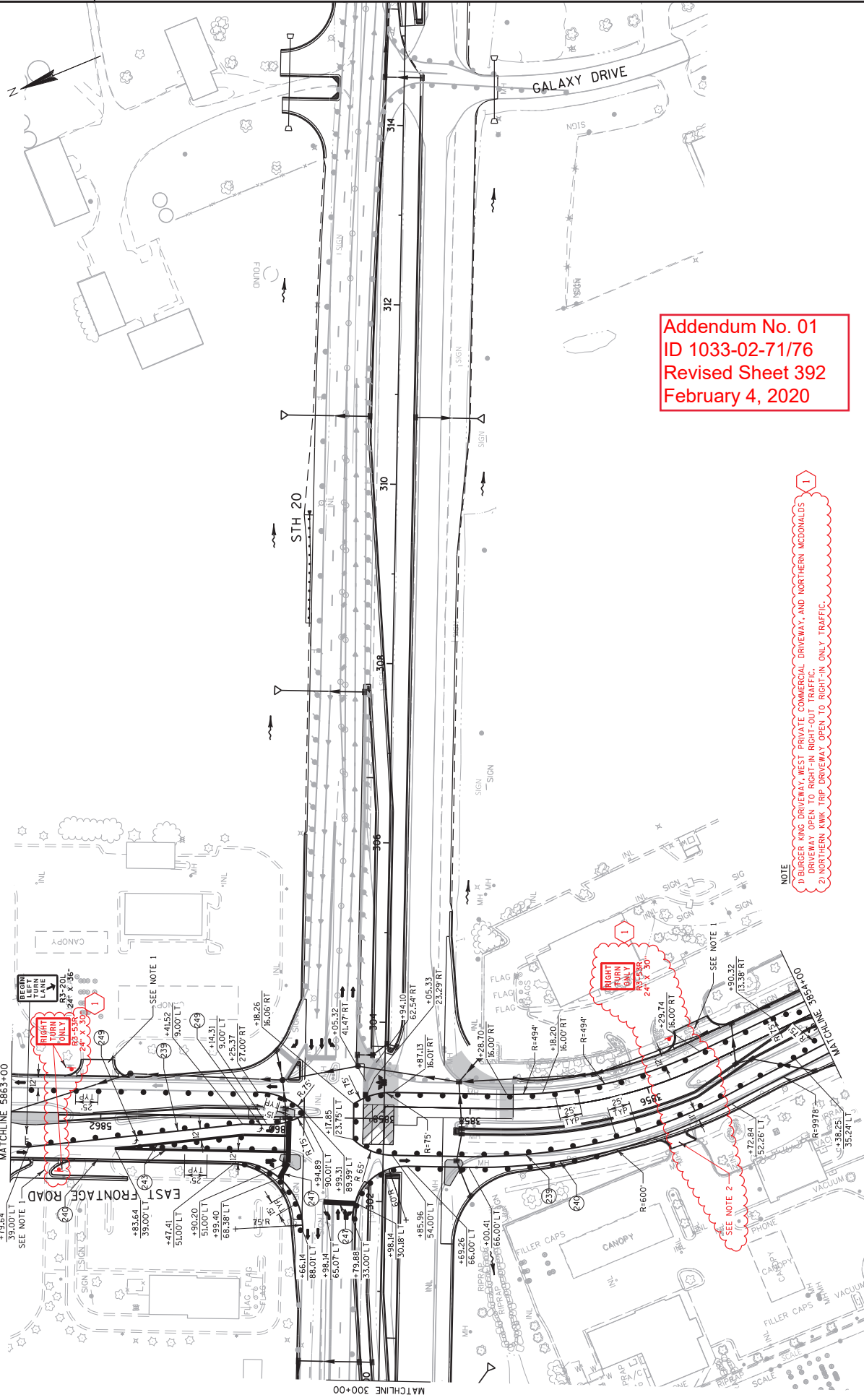
PROJECT NO: 1033-02-71/76	HWY: IH 94/STH. 20	COUNTY: RACINE	STAGE 3A CONSTRUCTION	SHEET 388	E
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PLOT DATE : 01-FEB-2020 18:21					
PLOT BY : mscdls					
PLOT NAME : 026520_s3g					
PLOT SCALE : 100:1					
WISDOT/CADD SHEET 42					

**NOTE**  
 1) CONSTRUCT SOUTHERN KWIK TRIP DRIVEWAY IN HALVES USING PAVEMENT CAPS AND TEMPORARY TRAFFIC CONTROL. FIRST HALF TO BE CONSTRUCTED FROM SOUTHERN KWIK TRIP DRIVEWAY UNTIL SOUTHERN KWIK TRIP DRIVEWAY IS FULLY OPENED TO TRAFFIC, THEN CLOSE NORTHERN KWIK TRIP DRIVEWAY TO CONSTRUCT MEDIUM ISLAND.

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NOTE  
 1) BUFFER AND DRIVEWAY, WEST PRIVATE COMMERCIAL DRIVEWAY, AND NORTHERN McDONALDS DRIVEWAY OPEN TO RIGHT-IN, RIGHT-OUT TRAFFIC.  
 2) NORTHERN KWIK TRIP DRIVEWAY OPEN TO RIGHT-IN ONLY TRAFFIC.



EARTHWORK

CATEGORY	STAGE	ROADWAY	FROM/ TO STATION	EXCAVATION COMMON CY	EBS (2/5) EXCAVATION CY	BACKFILL CY	ROADWAY EMBANKMENT CY	SOIL DRYING TREATMENT TON	SPV.0195.0001 STRENGTHENING TON	SPV.0195.0002 SUBGRADE TON	MASS ORDINATE +/-
<b>PROJECT ID: 1033-02-71</b>											
1000	1	TEMPORARY	260+64 to 339+62	6,186	1,238	1,238	3,293	0	248	2,883	2,883
		SUBTOTALS STAGE 1		6,186	1,238	1,238	3,293	0	248	2,883	2,883
1000	2	STH 20 RAMP NW	265+07 to 336+30	44,911	8,983	8,983	8,421	45	449	36,491	36,491
		RAMP SE	864+09 to 873+56	3,987	800	800	1,003	4	40	2,984	2,984
		RAMP SW	855+90 to 860+50	3,159	632	632	26	3	32	3,132	3,132
		RAMP NE	858+57 to 862+03	2,617	524	524	514	3	26	2,103	2,103
		WEST FRONTAGE ROAD	862+11 to 867+00	5,758	1,152	1,152	799	6	58	4,959	4,959
		EAST FRONTAGE ROAD	2857+00 to 4868+00	4,713	943	943	463	5	47	4,250	4,250
		RED CLOUD	3852+25 to 5863+14	4,481	897	897	114	5	45	4,367	4,367
		TEMPORARY	269+77 to 272+69	151	31	31	909	2	2	-759	-759
		SUBTOTALS STAGE 2	265+50 to 270+50	188	38	38	32	0	2	156	156
		SUBTOTALS STAGE 2		69,974	14,000	14,000	12,281	70	701	57,684	57,684
1000	3	STH 20 RAMP SE	285+07 to 336+30	47,467	9,494	9,494	6,581	48	475	40,886	40,886
		WEST FRONTAGE ROAD	855+90 to 860+50	2,746	550	550	0	3	28	2,746	2,746
		EAST FRONTAGE ROAD	2857+00 to 4868+00	3,675	735	735	647	4	37	3,027	3,027
		SUBTOTALS STAGE 3	3852+25 to 5863+14	5,968	1,194	1,194	166	6	60	5,802	5,802
		SUBTOTALS STAGE 3		59,856	11,973	11,973	7,394	60	600	52,462	52,462
1000	4	STH 20	330+50 to 339+00	1,558	312	312	0	0	0	1,558	1,558
		SUBTOTALS STAGE 4		1,558	312	312	0	0	0	1,558	1,558
<b>GRAND TOTALS</b>				137,574	27,523	27,523	22,968	130	1,549	114,608	114,608

NOTES:

- 1) Cut Volume includes Concrete and Asphaltic Surface Material.
- 2) EBS Excavation to be backfilled with EBS Backfill. All EBS material is assumed to be wasted offsite.
- 3) Roadway Embankment = Unexpanded Fill
- 4) The Mass Ordinate +/- or - quantity is calculated by stage. A positive quantity indicates an excess of material within the stage and a negative number indicates a shortage of material within the stage. Mass Ordinate = Cut-Embankment. The mass ordinate is for informational purposes only as Common Excavation and Roadway Embankment are not balanced for quantity purposes and does not guarantee the quality of Common Excavation, and if it can be reused onsite.

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BASE AGGREGATE ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	305.0110		305.0120		SELECT CRUSHED MATERIAL	TON	
							BASE AGGREGATE DENSE 3/4-INCH	BASE AGGREGATE DENSE 1 1/4-INCH					
1000	1	PROJECT ID 1033-02-71											
		STH 20 - TEMPORARY PAVEMENT											
			272+30	-	336+26	RT							
			327+56	-	330+28	LT							
		RAMP SE - TEMPORARY PAVEMENT											
			860SE+53	-	860SE+66	LT/RT							
		WEST FRONTAGE ROAD SOUTH - TEMPORARY PAVEMENT											
			2857+02	-	2863+04	LT							
		WEST FRONTAGE ROAD NORTH - TEMPORARY PAVEMENT											
			4865+40	-	4867+74	LT							
		EAST FRONTAGE ROAD SOUTH - TEMPORARY PAVEMENT											
			3849+37	-	3858+30	LT/RT							
		EAST FRONTAGE ROAD NORTH - TEMPORARY PAVEMENT											
			5861+30	-	5863+15	LT/RT							
		STAGE 1A SUBTOTAL											
1000	1B	STH 20 - TEMPORARY PAVEMENT											
			265+07	-	336+26	LT/RT							
		WEST FRONTAGE ROAD NORTH - TEMPORARY PAVEMENT											
			4865+08	-	4867+43	LT							
		WEST FRONTAGE ROAD NORTH - TEMPORARY PAVEMENT											
			4865+08	-	4867+43	LT							
		STAGE 1B SUBTOTAL											
1000	2	STH 20											
			260+64	-	278+00	LT/RT							
			265+71	-	266+04	LT							
			278+00	-	310+00	LT/RT							
			278+37	-	278+85	LT							
			282+60	-	283+16	LT							
			308+44	-	309+64	LT							
			310+00	-	330+30	LT/RT							
			327+90	-	329+37	LT							
			330+30	-	336+30	LT							
		RAMP SW											
			858SW+57	-	862SW+77	LT/RT							
		RAMP NW											
			863NW+81	-	868NW+51	LT/RT							

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	305.0110		305.0120		SELECT CRUSHED MATERIAL	TON	
							BASE AGGREGATE DENSE 3/4-INCH	BASE AGGREGATE DENSE 1 1/4-INCH					
1000	1	PROJECT ID 1033-02-71											
		STH 20 - TEMPORARY PAVEMENT											
			855SE+90	-	860SE+88	RT							
		RAMP NE											
			861NE+76	-	867NE+00	L/RT							
		WEST FRONTAGE ROAD SOUTH											
			2857+00	-	2864+58	LT							
			2858+73	-	2859+50	RT							
			2858+74	-	2859+49	RT							
		WEST FRONTAGE ROAD NORTH											
			4864+82	-	4868+06	L/RT							
			4866+33	-	4866+78	RT							
			4867+24	-	4867+54	RT							
		EAST FRONTAGE ROAD SOUTH											
			3849+39	-	3858+30	L/RT							
	3853+01	-	3853+48	RT									
	3854+98	-	3855+56	RT									
EAST FRONTAGE ROAD NORTH													
	5859+60	-	5863+16	L/RT									
	5861+61	-	5862+28	RT									
STH 20 - TEMPORARY PAVEMENT													
			265+43	-	330+30	L/RT							
			287+86	-	303+56	RT							
RAMP NW - TEMPORARY PAVEMENT													
			860NW+45	-	860NW+78	RT							
RAMP SE - TEMPORARY PAVEMENT													
			860SE+45	-	860SE+78	RT							
WEST FRONTAGE ROAD SOUTH - TEMPORARY PAVEMENT													
			2863+87	-	2864+50	L/RT							
WEST FRONTAGE ROAD NORTH - TEMPORARY PAVEMENT													
			4864+88	-	4868+00	L/RT							
EAST FRONTAGE ROAD NORTH - TEMPORARY PAVEMENT													
			5859+76	-	5863+13	L/RT							
H 94 SB													
	2		871+45	-	873+55	LT							
STH 20													
			278+00	-	310+00	L/RT							
			310+00	-	330+30	L/RT							
			330+30	-	336+30	LT							

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BASE AGGREGATE ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION TO	STATION	OFFSET	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON
6000	2	RAMP NW	868NW+51 -	873NW+56	RT	--	385	904
		<u>RED CLOUD DRIVE</u>	271+59 -	272+69	LT/RT	3	496	1,030
		STAGE 2 SUBTOTAL				711	30,109	60,998
1000	3	STH 20	260+64 -	278+00	RT	23	3,221	6,707
			266+45 -	266+68	RT	5	--	--
			268+99 -	269+22	RT	5	--	--
			270+57 -	270+81	RT	4	--	--
			271+18 -	271+37	RT	4	--	--
			278+00 -	310+00	LT/RT	17	9,128	20,356
		<u>RED CLOUD DRIVE</u>	278+30 -	278+83	RT	42	--	--
			310+00 -	330+30	LT/RT	29	2,684	5,156
			322+68 -	323+97	RT	--	333	--
		RAMP SW	858SW+57 -	862SW+77	LT/RT	--	270	604
		RAMP SE	855SE+90 -	860SE+88	LT	--	671	1,452
		WEST FRONTAGE ROAD SOUTH	2857+00 -	2864+58	LT/RT	5	1,559	3,620
		WEST FRONTAGE ROAD NORTH	4864+82 -	4868+06	LT/RT	--	506	1,159
		EAST FRONTAGE ROAD SOUTH	3849+39 -	3858+30	LT/RT	--	1,740	4,086
			3852+73 -	3823+94	LT	40	--	--
			3855+70 -	3855+99	LT	12	--	--
		EAST FRONTAGE ROAD NORTH	5860+11 -	5863+16	LT/RT	--	709	1,574

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BASE AGGREGATE ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION TO	STATION	OFFSET	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON
6000	3	STH 20	5661+69 -	5863+14	LT	57	--	--
			278+00 -	310+00	LT/RT	--	9	23
			310+00 -	330+30	LT/RT	--	1,245	2,995
			322+88 -	323+97	RT	--	74	--
		<u>RED CLOUD DRIVE</u>	269+77 -	270+56	LT/RT	--	322	678
		STAGE 3 SUBTOTAL				243	22,471	48,410
1000	4A	STH 20	260+64 -	262+66	LT/RT	--	95	--
		WEST FRONTAGE ROAD NORTH	4864+82 -	4868+06	LT	--	6	10
		STAGE 4A SUBTOTAL				--	6	10
		CA CATEGORY 1000 SUBTOTAL				951	56,423	97,498
		CA CATEGORY 6000 SUBTOTAL				3	5,663	11,920
		CONTRACT TOTAL				954	62,086	109,418

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CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	CONCRETE ITEMS (CONTINUED)										CONCRETE MEDIAN TYPE 1	CONCRETE STRENGTH	CONCRETE TYPE	INCENTIVE	OPTIMIZED
							CONCRETE PAVEMENT 9 1/2-INCH	CONCRETE PAVEMENT 10 1/2-INCH	CONCRETE PAVEMENT 11 1/2-INCH	CONCRETE PAVEMENT 12-INCH	CONCRETE DRIVEWAY HES 6-INCH	CONCRETE DRIVEWAY HES 9-INCH	CONCRETE SURFACE DRAINS	CONCRETE 5-INCH SIDEWALK	DETECTABLE YELLOW	DETECTABLE YELLOW					
1000	3	STH 20	260+64	-	278+00	RT															
			266+45	-	266+68	RT															
			268+99	-	269+22	RT															
			270+57	-	270+81	RT															
			271+18	-	271+37	RT															
			278+00	-	310+00	LT/RT															
			310+00	-	330+30	LT/RT															
		<u>RAMP SW</u>	865SW+57	-	862SW+77	LT/RT															
		<u>RAMP SE</u>	865SE+90	-	860SE+88	LT															
		<u>WEST FRONTAGE ROAD SOUTH</u>	2857+00	-	2864+58	LT/RT	3,367														
		<u>WEST FRONTAGE ROAD NORTH</u>	4864+82	-	4868+06	LT/RT	1,014														
		<u>EAST FRONTAGE ROAD SOUTH</u>	3849+39	-	3858+30	LT/RT	3,782														
		<u>EAST FRONTAGE ROAD NORTH</u>	5680+11	-	5683+16	LT/RT	1,333														
6000	3	STH 20	278+00	-	310+00	LT/RT															
			310+00	-	330+30	LT/RT															
		<u>RED CLOUD DRIVE</u>	269+77	-	270+56	LT/RT															
		<u>STAGE 3 SUBTOTAL</u>	9,496		1,058		200														
1000	4A	STH 20	260+64	-	278+00	LT/RT															
			278+00	-	310+00	LT															
			310+00	-	330+30	LT															
		<u>RAMP NW</u>	864NW+03	-	865NW+00	LT															
		<u>WEST FRONTAGE ROAD NORTH</u>	4864+82	-	4868+06	LT/RT															
		<u>EAST FRONTAGE ROAD NORTH</u>	5859+84	-	5863+15	LT/RT															
		<u>STAGE 4A SUBTOTAL</u>																			
		*ADDITIONAL QUANTITIES ELSEWHERE																			

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(CONTINUED ON NEXT SHEET)

CONCRETE ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	415.0095	415.1095	415.0105	415.1105	415.0115	415.1115	416.0120	416.0260	416.0290	416.0610	416.0620	416.1010	602.0410	602.0505	602.0605	603.1142	620.0300	715.0415	715.0710
CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY	CONCRETE DRIVEWAY
9 1/2-INCH	10 1/2-INCH	10 1/2-INCH	10 1/2-INCH	10 1/2-INCH	10 1/2-INCH	11 1/2-INCH	11 1/2-INCH	12-INCH	6-INCH	9-INCH	9-INCH	HEAVY	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS	DRILLED TIE BARS
1000	4B	RAMP	861NE+82	-	861NE+99	RT	--	--	--	--	--	--	--	--	--	--	--	241	--	--	--	--	39	--	--
			WEST FRONTAGE ROAD SOUTH																						
			2857+00	-	2864+58	LT/RT	--	--	--	--	--	--	--	--	--	--	--	108	--	--	--	--	38	--	--
			WEST FRONTAGE ROAD NORTH																						
			4864+32	-	4865+12	LT/RT	--	--	--	--	--	--	--	--	--	--	--	220	--	--	--	--	77	--	--
			EAST FRONTAGE ROAD SOUTH																						
			3858+10	-	3858+24	LT	--	--	--	--	--	--	--	--	--	--	--	170	--	--	--	--	39	--	--
			EAST FRONTAGE ROAD NORTH																						
			3859+79	-	3859+93	LT	--	--	--	--	--	--	--	--	--	--	--	97	--	--	--	--	38	--	--
			STAGE 4B SUBTOTAL															836	--	--	--	--	572	--	--
			CATEGORY 1000 SUBTOTAL															22,175	--	--	--	352	3,722	30,356	108,270
			CATEGORY 6000 SUBTOTAL															4,973	90	60	716	958	3,779	14,049	
			CONTRACT TOTAL															27,148	90	60	1,068	4,880	34,135	122,319	

\*ADDITIONAL QUANTITIES ELSEWHERE

CONCRETE PAVEMENT JOINT LAYOUT

CATEGORY	LOCATION
415.5110S	CONCRETE PAVEMENT JOINT LAYOUT
1000	PROJECT ID: 1033-02-71
	PROJECT WIDE
	TOTAL

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Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 463  
February 4, 2020

ASPHALTIC PAVEMENT ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION TO STATION	OFFSET	TON	WEATHER PAVING	GAL	TAACK COAT	DOL	HMA PAVEMENT	TON	HMA PAVEMENT	TON	HMA PAVEMENT	TON	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	TON	ASPHALTIC SURFACE TEMPORARY ASPHALT	TON	GUARDRAIL MOV STRIP	TON	
450.4000		HMA COLD WEATHER PAVING			2,048		350		381		139		460.6224	460.6224	460.6424	465.0105	465.0120	465.0125	614.0396			
CATEGORY 1000 SUBTOTAL																						
CATEGORY 6000 SUBTOTAL																						
<b>PROJECT ID 1033-02-71 SUBTOTAL</b>																						
1000	1A	COLD PATCH	INTERNATIONAL DRIVE - OVERLAY	111+75 - 135+58	1,687	1,055	1,080					1,687										
<b>PROJECT ID 1033-02-76 SUBTOTAL</b>																						
<b>STAGE 1A SUBTOTAL</b>																						
<b>PROJECT ID 1033-02-76 SUBTOTAL</b>																						
<b>CONTRACT TOTAL</b>																						

CONCRETE PAVEMENT GAPS

CATEGORY	STAGE	ROADWAY	STATION TO STATION	OFFSET	CONCRETE PAVEMENT GAPS	EACH
<b>PROJECT ID 1033-02-71</b>						
1000	2	STH 20	270+90 - 271+29	LT	1	
			278+59 - 278+86	LT	1	
			282+89 - 283+13	LT	1	
			287+13 - 287+63	LT	1	
			291+93 - 292+52	LT	1	
			302+48 - 303+14	LT	1	
<b>WEST FRONTAGE ROAD SOUTH</b>						
			2862+13 - 2862+64	RT	1	
<b>WEST FRONTAGE ROAD NORTH</b>						
			4866+44 - 4866+73	RT	1	
			4867+45 - 4868+00	RT	1	
<b>EAST FRONTAGE ROAD SOUTH</b>						
			3852+88 - 2853+59	RT	1	
<b>STAGE 2 SUBTOTAL</b>						
<b>10</b>						

CONCRETE PAVEMENT GAPS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION TO STATION	OFFSET	CONCRETE PAVEMENT GAPS	EACH
<b>PROJECT ID 1033-02-71</b>						
1000	3	STH 20	278+29 - 278+55	RT	1	
			282+62 - 282+96	RT	1	
			287+32 - 288+07	RT	1	
			296+73 - 296+99	RT	1	
			302+86 - 303+53	RT	1	
			314+43 - 314+85	RT	1	
<b>EAST FRONTAGE ROAD SOUTH</b>						
			3653+02 - 3853+75	LT	1	
			<b>3855+63 - 3856+18</b>	<b>LT</b>	<b>1</b>	
<b>EAST FRONTAGE ROAD NORTH</b>						
			5861+82 - 5862+17	RT	1	
<b>STAGE 3 SUBTOTAL</b>						
<b>CONTRACT TOTAL</b>						
<b>9</b>						
<b>19</b>						

COLD PATCH

CATEGORY	LOCATION	TON
495.1000.S	COLD PATCH	10
<b>PROJECT ID 1033-02-71</b>		
1000	STH 20	10
<b>UNDISTRIBUTED</b>		
<b>TOTAL</b>		<b>10</b>

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CONCRETE CURB & GUTTER ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	416.0610		601.0405		601.0407		601.0411		601.0561		601.0565		601.0577		SPV.0090.0001		SPV.0090.0002		SPV.0090.0005	
							LF	TYPE A	LF	TYPE A	LF	TYPE D	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A
1000	2	STH 20	280+64	-	278+00	LT/RT	--	--	--	--	--	--	--	--	--	--	488	--	--	--	--	--	--	--	--	25
			278+00	-	310+00	LT/RT	--	--	--	--	--	--	--	--	--	--	3,719	--	--	--	--	--	--	--	--	196
			310+00	-	330+30	LT/RT	--	--	--	--	--	--	--	--	--	--	1,057	--	--	--	--	--	--	--	--	56
		RAMP SW	866SW+57	-	862SW+77	LT	--	--	--	--	--	--	--	--	210	22	--	--	306	--	--	--	--	--	2	
		RAMP NW	863NW+81	-	868NW+51	LT/RT	--	--	--	--	--	--	--	--	--	318	--	--	--	--	--	--	--	--	17	
		RAMP SE	855SE+90	-	860SE+88	LT/RT	--	--	--	--	--	--	--	354	402	--	--	--	--	--	--	--	--	--	22	
		RAMP NE	861NE+76	-	867NE+00	LT/RT	--	--	--	--	--	--	--	--	--	192	48	--	--	--	--	--	--	--	11	
		WEST FRONTAGE ROAD SOUTH	2857+00	-	2864+58	LT/RT	--	--	112	61	42	--	--	--	--	594	--	--	--	--	--	--	--	--	32	
		WEST FRONTAGE ROAD NORTH	4864+82	-	4868+06	LT/RT	--	--	--	--	--	--	--	--	--	332	112	--	--	--	--	--	--	--	18	
		EAST FRONTAGE ROAD SOUTH	3649+39	-	3858+30	RT	--	--	--	32	8	--	--	--	--	514	--	--	--	--	--	--	--	--	28	
		EAST FRONTAGE ROAD NORTH	5860+11	-	5863+16	LT/RT	--	--	--	--	--	21	--	--	--	551	--	--	--	--	--	--	--	--	30	
6000	2	STH 20	278+00	-	310+00	LT/RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			310+00	-	330+30	LT/RT	--	--	--	--	--	--	--	--	--	--	1,601	--	--	--	--	--	--	--	--	85
		RED CLOUD DRIVE	271+59	-	272+69	LT/RT	--	--	--	--	--	--	--	--	--	355	--	--	--	--	--	--	--	--	19	
		STAGE 2 SUBTOTAL					--	112	93	71	564	160	306	10,125	541											

\*ADDITIONAL QUANTITIES ELSEWHERE

(CONTINUED ON NEXT SHEET)



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CONCRETE CURB & GUTTER ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	416.0610		601.0405		601.0407		601.0411		601.0551		601.0555		601.0557		SPV.0090.0001		SPV.0090.0002		SPV.0090.0005	
							LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A	LF	TYPE A
1000	3	STH 20	260+64	-	278+00	RT	--	--	--	--	--	--	--	--	--	--	1,798	--	--	--	--	--	--	--	--	95
			278+00	-	310+00	L/T/RT	--	--	--	--	--	--	--	--	--	--	4,337	--	--	--	--	--	--	--	--	229
			310+00	-	330+30	L/T/RT	--	--	--	--	--	--	--	--	--	--	681	--	--	--	--	--	--	--	--	36
		RAMP SW	856SW+57	-	862SW+77	L/T/RT	--	--	--	--	--	--	--	--	--	--	219	--	--	--	--	--	--	--	--	12
		RAMP SE	855SE+90	-	860SE+68	L/T/RT	--	--	--	--	--	--	--	--	--	--	225	--	--	--	--	--	--	--	--	12
		WEST FRONTAGE ROAD SOUTH	2857+00	-	2864+58	L/T/RT	--	--	--	--	--	--	--	--	--	--	936	--	--	--	--	--	--	--	--	50
		WEST FRONTAGE ROAD NORTH	4864+62	-	4868+06	LT	--	--	--	--	--	--	--	--	--	--	443	--	--	--	--	--	--	--	--	24
		EAST FRONTAGE ROAD SOUTH	3849+39	-	3858+30	L/T/RT	--	--	--	--	30	--	--	--	--	--	1,146	--	--	--	--	--	1,004	--	--	61
		EAST FRONTAGE ROAD NORTH	5860+11	-	5863+16	L/T/RT	--	--	--	--	148	--	--	--	--	--	688	10	--	--	--	--	--	--	--	37
6000	3	STH 20	278+00	-	310+00	L/T/RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			310+00	-	330+30	L/T/RT	--	--	--	--	--	--	--	--	--	--	315	--	--	--	--	--	12	--	--	17
		RED CLOUD DRIVE	269+77	-	270+56	LT	--	--	--	--	--	--	--	--	--	--	259	--	--	--	--	--	--	--	--	14
		STAGE 3 SUBTOTAL					--	--	--	--	30	148	364	364	364	11,047	10	--	--	--	--	1,083	--	--	587	

\*ADDITIONAL QUANTITIES ELSEWHERE

(CONTINUED ON NEXT SHEET)

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CONCRETE CURB & GUTTER ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	416.0610	601.0405	601.0407	601.0411	601.0551	601.0555		601.0557		601.0559.0001		601.0559.0002		601.0559.0005		
												CONCRETE CURB & GUTTER 18-INCH TYPE A	CONCRETE CURB & GUTTER 18-INCH TYPE D	CONCRETE CURB & GUTTER 30-INCH TYPE D	CONCRETE CURB & GUTTER 36-INCH TYPE A	CONCRETE CURB & GUTTER 36-INCH TYPE D	CONCRETE CURB & GUTTER 4-INCH SLOPED	CONCRETE CURB & GUTTER 6-INCH SLOPED	CONCRETE CURB & GUTTER 4-INCH SLOPED	CONCRETE CURB & GUTTER 6-INCH SLOPED	CONCRETE CURB & GUTTER 24-INCH TYPE A	CONCRETE CURB & GUTTER 36-INCH TYPE A
1000	4A	STH 20	260+64	-	278+00	LT/RT	211	--	--	--	--	1,460	--	--	--	--	--	--	--	77	77	
			278+00	-	310+00	LT/RT	--	--	--	--	--	1,425	--	--	--	--	--	--	--	75	75	
			310+00	-	330+30	LT/RT	--	--	--	--	--	126	--	--	--	--	--	--	--	7	7	
		RAMP NW	864NW+03	-	865NW+00	LT	--	--	--	--	--	196	--	--	--	--	--	--	--	11	11	
		WEST FRONTAGE ROAD NORTH	4864+82	-	4868+06	LT/RT	--	--	--	--	--	57	--	--	--	--	--	--	--	3	3	
		EAST FRONTAGE ROAD NORTH	5859+84	-	5863+15	LT/RT	--	--	--	--	--	199	--	--	--	--	--	--	--	11	11	
		STAGE 4A SUBTOTAL					211	--	--	--	--	3,463	--	--	--	--	--	--	--	184	184	
1000	4B	RAMP NE	861NE+82	-	861NE+99	RT	--	--	--	--	--	57	--	--	--	--	--	--	--	4	4	
		WEST FRONTAGE ROAD SOUTH	2857+00	-	2864+58	LT/RT	--	--	--	--	--	33	--	--	--	--	--	--	--	2	2	
		WEST FRONTAGE ROAD NORTH	4864+92	-	4865+12	LT/RT	--	--	--	--	--	66	--	--	--	--	--	--	--	4	4	
		EAST FRONTAGE ROAD SOUTH	3858+10	-	3858+24	LT	--	--	--	--	--	45	--	--	--	--	--	--	--	3	3	
		EAST FRONTAGE ROAD NORTH	5859+79	-	5859+93	LT	--	--	--	--	--	30	--	--	--	--	--	--	--	2	2	
		STAGE 4B SUBTOTAL					--	--	--	--	--	231	--	--	--	--	--	--	--	15	15	
		CATEGORY 1000 SUBTOTAL					211	112	123	219	928	22,336	170	306	1,071					1,192	1,192	
		CATEGORY 6000 SUBTOTAL					--	--	--	--	--	2,530	--	--	12					135	135	
		CONTRACT TOTAL					211	112	123	219	928	24,866	170	306	1,083					1,327	1,327	

\*ADDITIONAL QUANTITIES ELSEWHERE

PROJECT NO: 1033-02-71/76

HWY: IH 94/STH 20

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET: 466

FILE NAME: S:\Final\Design\2010330271\_L1Roads\cbs\10330271\_L1Roads\cbs\10330271\_L1Roads.dwg

PLOT DATE: 2/2/2020 12:18:31 AM

PLOT BY: MSCDIS

PLOT NAME: 030201\_mpl.dwg

PLOT SCALE: 1:1

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Revised Sheet 479  
February 4, 2020

EROSION CONTROL ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	606.0200	628.1104	628.1504	628.1520	628.1905	628.1910	628.2004	628.7005	628.7010	628.7015	628.7020	628.7504	628.7555	628.7570	645.0120
						RFRAP MEDIUM CY	EROSION BALES EACH	SILT FENCE LF	SILT FENCE MAINTENANCE LF	MOBILIZATIONS EROSION CONTROL EACH	MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	EROSION MAT CLASS TYPE B SY	INLET PROTECTION TYPE A EACH	INLET PROTECTION TYPE B EACH	INLET PROTECTION TYPE C EACH	INLET PROTECTION TYPE D EACH	TEMPORARY DITCH CHECK LF	CULVERT PIPE CHECKS EACH	ROCK BAGS EACH	GEOTEXTILE TYPE HR SY
1000	1A	PROJECT ID 1033-02-71 STH 20 - TEMPORARY PAVEMENT	202+25	-	344+55	--	--	487	244	--	--	3,109	9	--	37	4	125	--	--	--
		RAMP NW	863NW+81	-	868NW+51	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--
		RAMP SE	855SE+90	-	860SE+88	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--
		RAMP NE	86 NE+76	-	867NE+00	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--
		WEST FRONTAGE ROAD SOUTH	2857+00	-	2864+58	--	--	--	--	--	--	107	1	--	1	--	--	--	--	--
		EAST FRONTAGE ROAD SOUTH	3852+25	-	3858+30	--	--	220	110	--	--	77	--	--	--	--	--	--	--	--
		EAST FRONTAGE ROAD NORTH	5859+60	-	5863+16	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--
		UNDISTRIBUTED				--	200	177	89	3	2	824	3	--	11	1	32	--	50	--
		STAGE 1A SUBTOTAL				--	200	884	443	3	2	4,117	14	--	52	5	157	--	50	--
1000	1B	UNDISTRIBUTED				--	--	--	--	3	2	--	--	--	--	--	--	--	10	--
		STAGE 1B SUBTOTAL				--	--	--	--	3	2	--	--	--	--	--	--	--	10	--
1000	2	STH 20	262+25	-	344+55	377	--	1,286	643	--	--	21,359	47	--	37	10	200	3	--	95
		RAMP SW	858SW+57	-	862SW+77	--	--	--	--	--	--	1,807	5	--	5	--	--	1	--	--
		RAMP NW	863NW+81	-	868NW+51	9	--	--	--	--	--	4,275	6	1	4	--	--	--	--	8
		RAMP SE	855SE+90	-	860SE+88	--	--	--	--	--	--	1,959	6	--	6	--	--	--	--	--
		RAMP NE	86 NE+76	-	867NE+00	7	--	389	195	--	--	6,060	2	--	2	--	75	--	--	53
		WEST FRONTAGE ROAD SOUTH	262+25	-	344+55	--	--	--	--	--	--	2,441	4	--	4	--	--	1	--	--

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EROSION CONTROL ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	628.0200		628.1104		628.1504		628.1520		628.1905		628.1910		628.2004		628.7005		628.7010		628.7015		628.7020		628.7504		628.7555		628.7570		645.0120			
						RPRAP MEDIUM CY	EROSION BALES EACH	SILT FENCE LF	SILT FENCE LF	SLT FENCE LF	MOBILIZATIONS EROSION CONTROL EACH	MOBILIZATIONS EROSION CONTROL EACH	EROSION MAT CLASS SY	EROSION CLASS SY	INLET PROTECTION TYPEA EACH	INLET PROTECTION TYPEB EACH	INLET PROTECTION TYPEC EACH	INLET PROTECTION TYPED EACH	TEMPORARY DITCH CHECK LF	CULVERT PIPE CHECKS EACH	ROCK BAGS EACH	GEOTEXTILE TYPE HR SY															
1000	2	WEST FRONTAGE ROAD NORTH	4864+82	-	4868+06	--	--	173	87	--	--	--	6	1	5	--	--	1,605	6	1	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
		EAST FRONTAGE ROAD SOUTH	3852+25	-	3858+30	--	--	--	--	--	--	10	--	10	--	--	--	680	10	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
		EAST FRONTAGE ROAD NORTH	5859+60	-	5863+16	--	--	502	251	--	--	8	--	8	--	--	--	999	8	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
6000		H 94 SB	871+44	-	873+54	--	--	--	--	--	--	--	--	--	3	--	--	--	--	--	--	--	3	--	--	--	--	--	--	--	--	--	--	--	--	--	
		RAMP NW	868NW+51	-	873NW+56	--	--	--	--	--	--	--	--	--	--	--	--	771	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	
		UNDISTRIBUTED				99	200	588	294	5	5	3	24	1	21	4	69	2	50	2	50	39															
		STAGE 2 SUBTOTAL				492	200	2,938	1,470	5	5	3	118	3	102	18	344	7	50	7	50	195															
1000	3	STH 20	262+25	-	344+55	72	--	--	--	--	--	23	--	17	5	125	4	45	4	45	45																
		RAMP SW	868SW+57	-	862SW+77	--	--	--	--	--	--	--	1	--	1	--	--	796	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		RAMP NW	863NW+81	-	868NW+51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		RAMP SE	865SE+90	-	860SE+88	--	--	--	--	--	--	--	1	--	1	--	--	230	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		RAMP NE	861NE+76	-	867NE+00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		WEST FRONTAGE ROAD SOUTH	262+25	-	344+55	--	--	--	--	--	--	--	4	--	4	--	--	508	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		WEST FRONTAGE ROAD NORTH	4864+82	-	4868+06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		EAST FRONTAGE ROAD SOUTH	3852+25	-	3858+30	--	--	--	--	--	--	--	5	--	5	--	--	687	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		EAST FRONTAGE ROAD NORTH	5859+60	-	5863+16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		UNDISTRIBUTED				18	200	--	--	5	5	3	9	--	7	2	32	2	50	2	50	12															
		STAGE 3 SUBTOTAL				90	200	--	--	5	5	3	43	--	35	7	157	7	50	7	50	57															

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(CONTINUED ON NEXT SHEET)

EROSION CONTROL ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION TO STATION	606.0200 628.1104 628.1504		628.1520		628.1905		628.1910		628.2004		628.7005		628.7010		628.7015		628.7020		628.7504		628.7555		628.7570		645.0120	
				RPRAP MEDIUM	EROSION BALES	SILT FENCE	LF	SILT FENCE	LF	MOBILIZATIONS EROSION CONTROL	EACH	MOBILIZATIONS EROSION CONTROL	EACH	EROSION MAT CLASS I TYPEB	SY	INLET PROTECTION TYPEA	EACH	INLET PROTECTION TYPEB	EACH	INLET PROTECTION TYPEC	EACH	INLET PROTECTION TYPED	EACH	TEMPORARY DITCH CHECK	LF	CULVERT PIPE CHECKS	EACH	ROCK BAGS	EACH
1000	4A	STH20	282+25 - 344+55	--	--	--	--	--	--	--	14,565	--	--	--	--	--	--	--	--	--	63	--	--	--	--	--	--	--	--
		<u>UNDISTRIBUTED</u>		--	--	--	3	2			3,642	--	--	--	--	--	--	--	--	--	16	--	--	--	--	--	--	--	--
		STAGE 4A SUBTOTAL		--	--	--	3	2			18,207	--	--	--	--	--	--	--	--	--	79	--	--	--	--	--	--	--	--
		CATEGORY 1000 SUBTOTAL	582	600	3,822	1,913	19	12			93,643	175	3	189	26	737					14	160	252						
		CATEGORY 6000 SUBTOTAL	--	--	--	--	--	--			771	--	--	--	4	--					--	--	--	--	--	--	--	--	--
		PROJECT ID 1033-02-71 SUBTOTAL	582	600	3,822	1,913	19	12			94,414	175	3	189	30	737					14	160	252						
1000	1A	INTERNATIONAL DRIVE	111+75 - 135+58	--	--	--	--	--			--	--	--	22	--	--					--	--	--	--	--	--	--	--	--
		<u>UNDISTRIBUTED</u>		--	--	--	2	1			--	--	--	6	--	--					--	--	--	--	--	--	--	--	--
		STAGE 1A SUBTOTAL	--	--	--	--	2	1			--	--	--	28	--	--					--	--	--	--	--	--	--	--	--
		PROJECT ID 1033-02-76 SUBTOTAL	--	--	--	--	2	1			--	--	--	28	--	--					--	--	--	--	--	--	--	--	--
		CONTRACT TOTAL	582	600	3,822	1,913	21	13			94,414	175	3	217	30	737					14	160	252						

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RESTORATION ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	625.0500 SALVAGED TOPSOIL SY	628.6510 SOL. STABILIZER TYPE/B ACRE	629.0210 FERTILIZER TYPE/B CMT	630.0120 SEEDING MIX NO. 20 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MSGAL	
1000	1A	<b>PROJECT ID: 1033-02-71</b>										
		<u>STH 20 - TEMPORARY PAVEMENT</u>										
			262+25	-	344+55	3,109	--	2	84	42	35	
		<u>WEST FRONTAGE ROAD SOUTH</u>										
			2857+00	-	2864+58	107	--	1	3	2	2	
		<u>EAST FRONTAGE ROAD SOUTH</u>										
			3852+25	-	3858+30	77	--	1	3	2	1	
		<u>UNDISTRIBUTED</u>										
			824			824	1	1	23	12	10	
		<u>STAGE 1A SUBTOTAL</u>					4,117	1	5	113	58	48
1000	2	<u>STH 20</u>										
			262+25	-	344+55	21,359	--	14	577	289	240	
		<u>RAMP SW</u>										
			858SW+57	-	862SW+77	1,807	--	2	49	25	21	
		<u>RAMP NW</u>										
			863NW+81	-	868NW+51	4,275	--	3	116	58	48	
		<u>RAMP SE</u>										
			855SE+90	-	860SE+88	1,959	--	2	53	27	22	
		<u>RAMP NE</u>										
			861NE+76	-	867NE+00	6,060	--	4	164	82	69	
		<u>EAST FRONTAGE ROAD SOUTH</u>										
			3852+25	-	3858+00	2,441	--	2	66	33	28	
		<u>EAST FRONTAGE ROAD NORTH</u>										
			5860+00	-	5863+15	1,605	--	2	44	22	19	
		<u>WEST FRONTAGE ROAD SOUTH</u>										
			262+25	-	344+55	660	--	1	18	9	8	
		<u>WEST FRONTAGE ROAD NORTH</u>										
			4864+82	-	4868+06	999	--	1	27	14	12	
6000		<u>RAMP NW</u>										
			868NW+51	-	873NW+56	771	--	1	21	11	9	
		<u>UNDISTRIBUTED</u>										
			10,484			10,484	1	8	279	140	117	
		<u>STAGE 2 SUBTOTAL</u>					52,420	1	40	1,414	710	583

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RESTORATION ITEMS (CONTINUED)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	625.0500 TOPSOIL SY	628.6510 SOL. STABILIZER TY/FEB ACRE	629.0210 FERTILIZER TYPE/B CMT	630.0120 SEEDING MIX NO. 20 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MSAL
1000	3	STH20	262+25	-	344+55	13,515	--	9	365	183	152
		RAMP SW	858SW+57	-	862SW+77	796	--	1	22	11	9
		RAMP SE	855SE+90	-	860SE+88	230	--	1	7	4	3
		WEST FRONTAGE ROAD SOUTH	262+25	-	344+55	508	--	1	14	7	6
		EAST FRONTAGE ROAD SOUTH	3852+25	-	3856+30	687	--	1	19	10	8
		UNDISTRIBUTED	3,934			3,934	1	4	107	54	45
		STAGE 3 SUBTOTAL	19,670			1	17	17	534	269	223
1000	4A	STH20	262+25	-	344+55	14,565	--	10	394	197	164
		UNDISTRIBUTED	3,642			3,642	--	3	99	50	41
		STAGE 4A SUBTOTAL	18,207			13	13	13	493	247	205
		CATEGORY 1000 SUBTOTAL	93,643			2	74	74	2,533	1,273	1,060
		CATEGORY 6000 SUBTOTAL	771			--	--	1	21	11	9
		CONTRACT TOTAL	94,414			2	75	75	2,554	1,284	1,069

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PAVEMENT MARKING ITEMS (CONTINUED)

CATEGORY	ROADWAY	STATION	TO	STATION	646.3545		646.3555		646.5020		646.5120		646.6120		646.6220		646.7120		646.8120		646.8220		SPV.0060.0008		SPV.0060.0009		
					MARKING LINE GROOVED/WET REF CONTRAST EPOXY 8-INCH WHITE	2' LINE 9' SKIP WHITE	MARKING LINE GROOVED/CONTRAST PERMANENT TAPE 8-INCH WHITE	MARKING ARROW EPOXY WHITE	MARKING WORD EPOXY WHITE	MARKING STOP LINE 18-INCH WHITE	MARKING YIELD LINE 18-INCH WHITE	MARKING DIAGONAL 12-INCH WHITE	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH WHITE	MARKING CURB EPOXY YELLOW	MARKING ISLAND NOSE EPOXY YELLOW	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE	MARKING CONTRAST EPOXY SPECIAL MARKING ARROW WHITE
1000	PROJECT ID 1033-02-71 STH 20	259+20	-	344+56	10,185	216	714	--	--	--	567	--	582	--	--	922	18	6	41	--	21	--	--	--	--	--	--
	RAMP SW	861SW+41	-	862SW+00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	RAMP NW	866NW+00	-	868NW+51	--	--	651	--	--	76	--	73	--	--	--	--	2	--	3	2	2	--	--	--	--	--	
	RAMP SE	860SE+13	-	860SE+64	--	--	714	405	--	115	--	85	--	--	--	--	--	--	5	2	3	--	--	--	--	--	
	RAMP NE	862NE+00	-	866NE+95	116	26	--	--	--	--	--	124	--	--	--	--	2	--	--	--	--	--	--	--	--	--	
	WEST FRONTAGE ROAD	2851+29	-	286+38	767	--	71	--	4	1	30	105	--	--	--	56	2	--	--	--	--	--	--	--	--	--	
	SOUTH	4865+00	-	4874+10	428	66	66	--	4	30	30	23	--	--	--	25	6	--	--	--	--	--	--	--	--	--	
	EAST FRONTAGE ROAD	3845+69	-	3858+20	716	--	17	--	8	2	50	18	--	--	--	142	8	--	--	--	--	--	--	--	--	--	
	SOUTH	5859+50	-	5870+02	580	--	--	--	6	1	63	--	--	--	--	76	6	--	--	--	--	--	--	--	--	--	
6000	H 94 SE	871+45	-	873+55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	STH 20	308+48	-	328+23	3,175	53	257	--	--	189	--	334	--	--	--	84	3	--	14	--	--	--	--	--	--	6	
	RAMP NW	866NW+51	-	873NW+56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	RED CLOUD	269+77	-	272+69	--	--	--	--	6	8	97	67	--	--	--	60	6	--	--	--	--	--	--	--	--	--	
	PROJECT ID 1033-02-71 SUBTOTALS	15,967			15,967	295	1,125	1,416	405	28	12	1,217	3	18	1,393	1,365	53	6	63	4	32						
	CATEGORY 1000 SUBTOTAL	13,902			13,902	13,902	1,770	1,770	3	22	4	931	3	1,010	1,221	1,221	44	44	59	26	26						
	CATEGORY 6000 SUBTOTAL	3,485			3,485	3,485	51	51	6	6	8	286	6	401	950	144	9	14	14	6	6						
1000	PROJECT ID 1033-02-71 TOTAL	17,387			17,387	17,387	1,821	1,821	28	12	1,217	3	1,411	950	1,365	1,365	53	6	73	32	32						
	PROJECT ID 1033-02-76 INTERNATIONAL DRIVE	111+75	-	135+38	--	9	--	--	6	3	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PROJECT ID 1033-02-76 SUBTOTALS	--			--	9	--	--	6	3	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	PROJECT ID 1033-02-76 TOTAL	9			9	9	--	--	6	3	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	CONTRACT TOTAL	17,387			17,387	17,387	1,821	1,821	34	15	1,243	3	1,411	950	1,365	1,365	53	73	73	32	32						



ADVANCED SIGNING ITEMS

ADVANCED SIGNING ITEMS (CONTINUED)

CATEGORY	ROADWAY	PROJECT ID	STAGE	DURATION	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL SIGNS	STAGE	DURATION	TRAFFIC CONTROL SIGNS
			DAYS	DAY	EACH*	EACH*	DAYS	DAY	EACH*
1000		1033-02-71	30		14	14	21		14
	STAGE 1A								
	STH 20			420	3	3			3
	RAMPS SW			90	2	2			2
	RAMPS NW			60	2	2			2
	RAMP SE			60	3	3			3
	RAMP NE			90	6	6			126
	WEST FRONTAGE ROAD SOUTH			180	3	3			63
	WEST FRONTAGE ROAD NORTH			90	4	4			84
	EAST FRONTAGE ROAD SOUTH			120	3	3			63
	EAST FRONTAGE ROAD NORTH			90	3	3			840
	STAGE 1A SUBTOTAL			1,200					
	STAGE 1B								
	STH 20		15		14	14	21		14
	RAMPS SW			210	3	3			63
	RAMPS NW			45	2	2			42
	RAMP SE			30	2	2			42
	RAMP NE			30	3	3			63
	WEST FRONTAGE ROAD SOUTH			45	6	6			126
	WEST FRONTAGE ROAD NORTH			90	3	3			63
	EAST FRONTAGE ROAD SOUTH			45	4	4			84
	EAST FRONTAGE ROAD NORTH			60	3	3			63
	STAGE 1B SUBTOTAL			600					840
	STAGE 2								
	STH 20		84		14	14			14
	RAMPS NW			1,176	2	2			10,111
	RAMP SE			168	2	2			168
	WEST FRONTAGE ROAD SOUTH			168	6	6			504
	WEST FRONTAGE ROAD NORTH			504	3	3			252
	EAST FRONTAGE ROAD SOUTH			252	4	4			336
	EAST FRONTAGE ROAD NORTH			252	3	3			252
	STAGE 2 SUBTOTAL			2,856					
	STAGE 3								
	STH 20		84		14	14			14
	RAMPS NW			1,176	2	2			168
	RAMP SE			168	2	2			168
	WEST FRONTAGE ROAD SOUTH			168	6	6			504
	WEST FRONTAGE ROAD NORTH			504	3	3			252
	EAST FRONTAGE ROAD SOUTH			252	4	4			336
	EAST FRONTAGE ROAD NORTH			252	3	3			252
	STAGE 3 SUBTOTAL			2,856					

\*\* FOR INFORMATION ONLY  
\* A ADDITIONAL QUANTITIES ELSEWHERE

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TRAFFIC CONTROL DETOUR ITEMS

CATEGORY	ROADWAY	PROJECT ID	STAGE	DURATION	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL SIGNS	STAGE	DURATION	TRAFFIC CONTROL SIGNS
			DAYS	DAY	EACH**	EACH**	DAYS	DAY	EACH**
1000		1033-02-71	84		136	136	84		136
	STAGE 2								
	IH 94 NB ON-RAMP			11,424	144	144			12,096
	IH 94 SB ON-RAMP			23,520					23,520
	STAGE 2 SUBTOTAL								
	STAGE 3								
	IH 94 NB ON-RAMP			11,424	144	144			12,096
	IH 94 SB ON-RAMP			23,520					23,520
	STAGE 3 SUBTOTAL								
	FULL ROADWAY CLOSURE								
	STH 20 WB		6	12	180	180	6	12	180
	STH 20 EB		6	12	180	180	6	12	180
	STH 20 EB SUBTOTAL				360	360			3,060
	FULL ROADWAY CLOSURE								
	WEST FRONTAGE ROAD		8	16	128	128	8	16	128
	WEST FRONTAGE ROAD				64	64			1,712
	FULL ROADWAY CLOSURE								
	EAST FRONTAGE ROAD		8	16	128	128	8	16	128
	EAST FRONTAGE ROAD				64	64			1,712
	CONTRACT TOTAL				616	616			53,524

\* ADDITIONAL QUANTITIES ELSEWHERE  
\*\* FOR INFORMATION ONLY

TRAFFIC CONTROL PROJECT ITEM

CATEGORY	STAGE	LOCATION	QUANTITY
1000	ALL	PROJECT	1
	TOTAL		1

643.5000.0001

TRAFFIC CONTROL  
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TRAFFIC CONTROL ITEMS																								
CATEGORY	ROADWAY	643.0300			643.0420			643.0500			643.0600			643.0705			643.0715			643.0800				
		STAGE DURATION DAYS	TRAFFIC CONTROL DRUMS	TRAFFIC CONTROL BARCADES	TRAFFIC CONTROL TUBULAR MARKER POSTS	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS	TRAFFIC CONTROL WARNING LIGHTS		
		EACH**	DAY	EACH**	DAY	EACH**	DAY	EACH**	DAY	EACH**	DAY	EACH**	DAY	EACH**	DAY	EACH**	DAY	EACH**	DAY	EACH**	DAY	EACH**	DAY	
<b>PROJECT ID 1033-02-71</b>																								
1000	STAGE 1A	30																						
	STH 20	215	6,450	4	120	--	--	--	--	--	--	8	240	8	240	--	--	--	--	--	--	--	10	300
	RAMPS SW	5	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	RAMPS NW	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	RAMPS SE	10	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	WEST FRONTAGE ROAD SOUTH	65	1,950	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EAST FRONTAGE ROAD NORTH	15	450	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	30
	EAST FRONTAGE ROAD SOUTH	70	2,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EAST FRONTAGE ROAD NORTH	20	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	<b>BUSINESS ACCESS SIGNS</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	300
	UNDISTRIBUTED	1,200			12																			63
	STAGE 1A SUBTOTAL		13,200		132																			693
1000	STAGE 1B	15																						
	STH 20	430	6,450	18	270	--	--	--	--	--	--	36	540	90	1,350	3	45	45	45	45	45	45	45	675
	RAMPS SE	10	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	WEST FRONTAGE ROAD SOUTH	35	525	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	WEST FRONTAGE ROAD NORTH	20	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	<b>BUSINESS ACCESS SIGNS</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	150
	UNDISTRIBUTED	743			27																			63
	STAGE 1B SUBTOTAL		8,168		297																			908
1000	STAGE 2	84																						
	STH 20	620	52,080	3	252	130						6	504	105	8,820	2	168	29	2,436	29	2,436	29	2,436	
	RAMPS SW	--	--	4	336	--	--	--	--	--	--	8	672	--	--	--	--	--	--	--	--	--	2	168
	RAMPS NW	95	7,960	1	84	--	--	--	--	--	2	168	15	1,260	15	1,260	--	--	--	--	--	--	1	84
	RAMPS SE	35	2,940	1	84	--	--	--	--	--	2	168	15	1,260	15	1,260	--	--	--	--	--	--	1	84
	RAMPS NE	--	--	5	420	--	--	--	--	--	10	840	--	--	--	--	--	--	--	--	--	--	1	84
	WEST FRONTAGE ROAD SOUTH	110	9,240	3	252	45					6	504	--	--	--	--	--	--	--	--	--	4	336	
	WEST FRONTAGE ROAD NORTH	90	7,560	2	168	35					3	336	--	--	--	--	--	--	--	--	--	3	252	
	EAST FRONTAGE ROAD SOUTH	133	11,172	3	252	65					6	504	5	420	5	420	2	168	11	924	11	924	11	924
	EAST FRONTAGE ROAD NORTH	105	8,820	6	504	25					12	1,008	--	--	--	--	--	--	--	--	--	1	84	15
	<b>BUSINESS ACCESS SIGNS</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	1,680	
	UNDISTRIBUTED	9,980			236																			731
	STAGE 2 SUBTOTAL		116,418		2,802	355																		10,302
1000	STAGE 2	45																						
	STH 20	60	2,700	2	90	--	--	--	--	--	--	4	180	24	1,080	2	90	22	990	22	990	22	990	
	RENAISSANCE BLVD	66	2,970	2	90	--	--	--	--	--	4	180	20	900	2	90	18	1,680	18	1,680	18	1,680	18	1,680
	UNDISTRIBUTED	567			18																			
6000	STAGE 2	7																						
	HWY 94 SB	53	371	2	14	--	--	--	--	--	--	8	56	--	--	--	--	--	--	--	--	1	7	11
	UNDISTRIBUTED	38			2																			8
	STAGE 2 SUBTOTAL		116,418		2,802	355																		10,302

\*\* FOR INFORMATION ONLY \* ADDITIONAL QUANTITIES ELSEWHERE

(CONTINUED ON NEXT SHEET)

SHEET: 488

PLOT NAME: 00204\_mtl\_b2

PLOT BY: MSCDIS

MISCELLANEOUS QUANTITIES

COUNTY: RACINE

HWY: IH 94/STH 20

PROJECT NO: 1033-02-71/76

FILE NAME: S:\Final\Design\2010330271\_L1Roads\cbs\10330204\_mtl\_b1.gpt

PLOT SCALE: 1:1

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 489  
 February 4, 2020

TRAFFIC CONTROL ITEMS

CATEGORY	ROADWAY	STAGE DURATION DAYS	643.0300		643.0420		643.0500		643.0600		643.0705		643.0715		643.0800		643.0900	
			TRAFFIC DRUMS EACH**	DAY	TRAFFIC CONTROL BARICADES TYPE II	EACH**	DAY	TRAFFIC CONTROL TUBULAR MARKER POSTS EACH	EACH	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH	EACH	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAY	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAY	TRAFFIC CONTROL ARROW BOARDS	DAY	TRAFFIC CONTROL SIGNS
1000	STAGE 3	84	463	38,892	3	252	213	213	213	6	504	84	7,056	--	--	20	1,680	
	STH 20		--	--	5	420	--	--	10	840	--	--	--	--	--	1	84	
	RAMP SW		63	5,292	--	--	--	--	--	--	24	2,016	--	--	--	--	--	
	RAMP SE		--	--	7	588	--	--	14	1,176	--	--	--	--	--	1	84	
	RAMP NE		95	7,980	2	168	20	20	4	336	--	--	1	84	2	168		
	WEST FRONTAGE ROAD SOUTH		43	3,612	--	--	7	7	--	--	--	--	--	--	--	--	--	
	EAST FRONTAGE ROAD NORTH		117	9,828	6	504	20	12	1,008	--	--	--	--	--	11	924		
	EAST FRONTAGE ROAD SOUTH		21	1,764	3	252	5	5	6	504	--	--	--	--	5	420		
	BUSINESS ACCESS SIGNS		--	--	--	--	--	--	--	--	--	--	--	--	20	1,680		
	UNDISTRIBUTED		--	7,149	--	219	52	27	437	--	1,076	--	9	9	20	1,680		
	STAGE 3 SUBTOTAL		78,633	2,403	292	292	4,805	93	11,828	93	5,544	93	2,688	93	4,066	2,688		
1000	STAGE 4A	21	700	58,800	15	1,260	--	--	30	2,520	30	2,520	1	84	32	2,688		
	STH 20		40	3,360	--	--	--	--	--	--	--	--	--	--	--	--	--	
	RAMP NW		30	2,520	--	--	--	--	--	--	--	--	--	--	1	84		
	WEST FRONTAGE ROAD NORTH		25	2,100	--	--	--	--	--	--	--	--	--	--	1	84		
	EAST FRONTAGE ROAD SOUTH		30	2,520	--	--	--	--	--	--	--	--	--	--	1	84		
	EAST FRONTAGE ROAD NORTH		--	--	--	--	--	--	--	--	--	--	--	--	10	840		
	BUSINESS ACCESS SIGNS		--	6,930	--	126	--	--	252	--	252	--	9	9	370	4,066		
	UNDISTRIBUTED		--	76,230	--	1,386	--	--	2,772	--	2,772	--	93	93	4,066	2,688		
	STAGE 4A SUBTOTAL		700	58,800	15	1,260	--	--	30	2,520	30	2,520	1	84	32	2,688		
1000	STAGE 4B	21	140	11,760	2	168	--	--	4	336	20	1,680	--	--	2	168		
	STH 20		25	2,100	--	--	--	--	--	--	--	--	--	--	--	--		
	RAMP SE		15	1,260	--	--	--	--	--	--	--	--	--	--	--	--		
	WEST FRONTAGE ROAD NORTH		15	1,260	--	--	--	--	--	--	--	--	--	--	--	--		
	EAST FRONTAGE ROAD SOUTH		10	840	--	--	--	--	--	--	--	--	--	--	--	--		
	EAST FRONTAGE ROAD NORTH		--	--	--	--	--	--	--	--	--	--	--	--	10	840		
	BUSINESS ACCESS SIGNS		--	1,722	--	17	--	--	34	--	168	--	17	17	1,025	22,453		
	UNDISTRIBUTED		--	18,942	--	185	--	--	370	--	1,848	--	989	989	22,453	22,453		
	STAGE 4B SUBTOTAL		140	11,760	2	168	--	--	4	336	20	1,680	--	--	2	168		
	CATEGORY 1000 SUBTOTAL		311,182	7,189	672	622	14,376	33,311	989	22,453	989	22,453	989	22,453	22,453	22,453		
	CATEGORY 6000 SUBTOTAL		409	16	--	--	62	8	85	85	85	85	85	85	85	85		
	PROJECT ID 1033-02-71 SUBTOTAL		311,591	7,205	672	622	14,438	33,311	997	22,538	997	22,538	997	22,538	22,538	22,538		
	PROJECT ID 1033-02-76																	
1000	STAGE 1A	30	130	3,900	4	120	--	--	8	240	20	600	2	60	20	600		
	INTERNATIONAL DRIVE		390	12	--	--	24	24	60	60	60	60	60	60	60	60		
	UNDISTRIBUTED		4,290	132	--	--	264	264	66	66	66	66	66	66	66	66		
	STAGE 1A SUBTOTAL		4,290	132	--	--	264	264	66	66	66	66	66	66	66	66		
	PROJECT ID 1033-02-76 SUBTOTAL		315,881	7,337	672	622	14,702	33,971	1,063	23,198	1,063	23,198	1,063	23,198	23,198	23,198		
	CONTRACT TOTAL		315,881	7,337	672	622	14,702	33,971	1,063	23,198	1,063	23,198	1,063	23,198	23,198	23,198		

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PCMS SIGNING ITEMS

CATEGORY	ROADWAY	643:1050		643:1200.S	
		STAGE DURATION DAYS	TRAFFIC CONTROL SIGNS PCMS EACH*	PORTABLE/AUTOMATED REAL-TIME TRAFFIC QUEUE WARNING SYSTEM EACH*	DAY
1000	PROJECT ID:1033-02-71	30	--	--	--
	STAGE 1A				
	STH 20	1	30	--	--
	RAMPS NW	1	30	--	--
	RAMPS SE	1	30	--	--
	STAGE 1A SUBTOTAL		60	--	--
	STAGE 1B	15	--	--	--
	STH 20	1	15	--	--
	RAMPS NW	1	15	--	--
	RAMPS SE	1	15	--	--
	STAGE 1B SUBTOTAL		30	--	--
	STAGE 2	84	--	--	--
	STH 20	--	--	1	84
	RAMPS NW	--	--	1	84
	RAMPS SE	--	--	1	84
	STAGE 2 SUBTOTAL		--	168	168
	STAGE 3	84	--	--	--
	STH 20	--	--	1	84
	RAMPS NW	--	--	1	84
	RAMPS SE	--	--	1	84
	STAGE 3 SUBTOTAL		--	168	168
1000	STAGE 4A	21	--	--	--
	STH 20	--	--	--	--
	STAGE 4A SUBTOTAL		--	--	--
	STAGE 4B	21	--	--	--
	STH 20	--	--	--	--
	STAGE 4B SUBTOTAL		--	--	--
	UNDISTRIBUTED	9		34	34
	CONTRACT TOTAL	99		370	370

\*\* FOR INFORMATION ONLY

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TEMPORARY BARRIER

CATEGORY	STAGE	ROADWAY	STATION	OFFSET	STATION	OFFSET	UNIT	QUANTITY
1000	2A	RAMPS SE	853SE+48	25.38' RT	860SE+64	10.46' RT	LF	700
							LF	700
								CONTRACT TOTAL
								700

Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 490  
February 4, 2020

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 490A  
February 4, 2020

TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	STAGE	LOCATION	NUMBER REQUIRED	SIGN SIZE W X H FT X FT	643,1000		SIGN MESSAGE
					TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	
1000	1A	H 94 NB APPROACHING STH 11 EXIT	1	9 X 5	45.0		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	H 94 SB APPROACHING CTH K EXIT	1	9 X 5	45.0		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	H 94 NB BETWEEN CTH K AND STH 11 EXITS	1	11 X 5	55.0		ALTERNATE HWY 20 BUSINESS ACCESS USE HWY 11 EXIT
1000	1A	H 94 SB BETWEEN CTH K AND CTH K EXITS	1	11 X 5	55.0		ALTERNATE HWY 20 BUSINESS ACCESS USE HWY K EXIT
1000	1A	H 94 NB EXIT RAMP TO STH 11	1	11 X 5	55.0		ALTERNATE HWY 20 BUSINESS ACCESS USE FRONTAGE RDS
1000	1A	H 94 SB EXIT RAMP TO CTH K	1	11 X 5	55.0		ALTERNATE HWY 20 BUSINESS ACCESS USE FRONTAGE RDS
1000	1A	STH 11 WB AT EAST FRONTAGE ROAD	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	EAST FRONTAGE ROAD NB AT STH 11	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	STH 11 EB AT WEST FRONTAGE ROAD	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	WEST FRONTAGE ROAD NB AT STH 11	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	CTH K WB AT EAST FRONTAGE ROAD	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	EAST FRONTAGE ROAD SBA T CTH K	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	CTH K EB AT WEST FRONTAGE ROAD	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	WEST FRONTAGE ROAD SB AT CTH K	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	STH 20 EB AT USH 45/COLONIAL AVENUE	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	COLONY AVENUE SB AT STH 20/USH 45	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	STH 20 WB AT STH 20	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	STH 31 NB AT STH 20	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	1A	STH 31 SB AT STH 20	1	5.5 X 3	16.5		ROAD WORK ON HWY 20 USE ALT ROUTE
1000	2A	IH 94 NB	2	12 X 4	96.0		NO RE-ENTRY TO FREEWAY
1000	2A	IH 94 SB	2	12 X 4	96.0		NO RE-ENTRY TO FREEWAY
TOTAL					733.0		

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 491  
 February 4, 2020

TEMPORARY MARKING ITEMS

CATEGORY	ROADWAY	649.0120		649.0150		649.0220		649.0250		649.0520		649.0760		649.0820		649.0850		649.0920		649.0950	
		YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	TEMPORARY MARKING LINE REMOVEABLE TAPE 4-INCH	TEMPORARY MARKING LINE REMOVEABLE TAPE 4-INCH	TEMPORARY MARKING LINE REMOVEABLE TAPE 8-INCH	TEMPORARY MARKING LINE REMOVEABLE TAPE 8-INCH	TEMPORARY MARKING LINE REMOVEABLE TAPE 12.5 LINE 37.5 SKP	TEMPORARY MARKING LINE REMOVEABLE TAPE 12.5 LINE 37.5 SKP	TEMPORARY MARKING LINE REMOVEABLE TAPE 12.5 LINE 37.5 SKP	TEMPORARY MARKING LINE REMOVEABLE TAPE 12.5 LINE 37.5 SKP	TEMPORARY MARKING LINE REMOVEABLE TAPE 12.5 LINE 37.5 SKP	TEMPORARY MARKING LINE REMOVEABLE TAPE 12.5 LINE 37.5 SKP
1000	PROJECT ID 1033-02-71																				
	STAGE 1A																				
	STH 20																				
	RAMPS SW		7,149		1,648						985		82								
	RAMPS NW		241																		
	RAMPS SE		184		51				193												
	RAMP SE		375																		
	WEST FRONTAGE ROAD SOUTH		501						153												
	WEST FRONTAGE ROAD SOUTH		253						324		23										
	EAST FRONTAGE ROAD SOUTH		221		291				235												
	EAST FRONTAGE ROAD NORTH				69				141												
	INTERNATIONAL DRIVE								945												
	STAGE 1A SUBTOTAL	418	8,671	2,059		945	2,031	105	200	75											
	STAGE 1B																				
	STH 20																				
	RAMP SE		13,489		1,519				1,111		35										
	WEST FRONTAGE ROAD SOUTH		52																		
	EAST FRONTAGE ROAD SOUTH		223						280												
	STAGE 1B SUBTOTAL	13,164	13,846	1,519			1,391	35													
	STAGE 2																				
	STH 20																				
	RAMP NW		6,092		1,423				578		135										
	RAMP SE		2,151																		
	RAMP SE		882																		
	WEST FRONTAGE ROAD SOUTH		4,989						137												
	WEST FRONTAGE ROAD NORTH		3,645																		
	WEST FRONTAGE ROAD SOUTH		5,211		5,650				972		189										
	EAST FRONTAGE ROAD NORTH		2,503		3,520				356		37										
	STAGE 2 SUBTOTAL	25,483	35,079	1,423			2,043	361													
	STAGE 3																				
	STH 20																				
	RAMP NW		14,587		2,102				986												
	RAMP SE		210																		
	RAMP SE		2,331																		
	WEST FRONTAGE ROAD SOUTH		2,592																		
	WEST FRONTAGE ROAD NORTH		1,517						133												
	WEST FRONTAGE ROAD SOUTH		3,830						152												
	EAST FRONTAGE ROAD NORTH		1,696		1,843				691												
	STAGE 3 SUBTOTAL	26,763	35,219	2,102			1,962														

(CONTINUED ON NEXT SHEET)

TEMPORARY MARKING ITEMS (CONTINUED)

CATEGORY	ROADWAY	649.0120		649.0150		649.0220		649.0250		649.0760		649.0820		649.0850		649.0920		649.0950		
		YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF	YELLOW LF
1000	STAGE 4A STH 20	--	--	12,162	49	13,138	49	--	6,718	338	4	87	85	--	--	--	--	--	--	649.0950
	RAMP NW	--	--	--	--	944	--	--	--	--	--	--	--	--	--	--	--	--	--	TEMPORARY MARKING
	WEST FRONTAGE ROAD NORTH	--	--	--	--	216	--	--	--	--	--	22	--	--	--	--	--	--	--	DIAGONAL REMOVABLE TAPE
	EAST FRONTAGE ROAD NORTH	--	--	--	--	--	--	--	--	--	--	63	--	--	--	--	--	--	--	DIAGONAL REMOVABLE TAPE
	STAGE 4A SUBTOTAL	--	--	12,162	49	14,288	49	--	6,718	338	4	87	170	--	--	--	--	--	--	TEMPORARY MARKING
	STAGE 4B STH 20	--	--	203	--	3,851	--	296	--	--	--	9	--	68	--	--	--	--	--	TEMPORARY MARKING
	STAGE 4B SUBTOTAL	--	--	203	--	3,851	--	296	--	--	--	9	--	68	--	--	--	--	--	TEMPORARY MARKING
	UNDISTRIBUTED	6,583	9,282	1,237	5	1,815	5	772	50	692	3	37	132	96	34	40				TEMPORARY MARKING
	PROJECT ID 1033-02-71 SUBTOTAL		182,321		37,341		9,046		8,064		35	404	1,454	1,060	378	437				TEMPORARY MARKING
1000	PROJECT ID 1033-02-76 STAGE 1A INTERNATIONAL DRIVE	--	--	--	--	--	--	945	200	75	--	--	--	14	--	--	--	--	--	TEMPORARY MARKING
	STAGE 1A SUBTOTAL	--	--	--	--	--	--	945	200	75	--	--	--	14	--	--	--	--	--	TEMPORARY MARKING
	UNDISTRIBUTED	--	--	--	--	--	--	95	20	8	--	--	--	1	--	--	--	--	--	TEMPORARY MARKING
	PROJECT ID 1033-02-71 SUBTOTAL		--		1,040		--		303		--	--	15							TEMPORARY MARKING
	CONTRACT TOTAL		182,321		36,380		9,046		8,367		35	404	1,454	1,076	378	437				TEMPORARY MARKING

Addendum No. 01  
ID 1033-02-71/76  
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Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 521A  
February 4, 2020

1033-02-71 STH 20 CTH C at EFR and WFR - TEMP SIGNAL

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	SIGN TYPE II REFLECTIVE H [SF]	SIGN TYPE II REFLECTIVE F [SF]	SIGN TYPE II REFLECTIVE H FOLDING [SF]	REMOVING SIGNALS TYPE II EACH	REMOVING SMALL SIGNAL SUPPORTS EACH	MOVING SIGNALS TYPE II [EA]	POSTS WOOD 4" X 6" X 18" [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
700	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		REMOVE STOP AHEAD. 16 X 16 TEMPORARY FLAGS INCIDENTAL 16 X 16 TEMP FLAGS INCIDENTAL
701	W3-3(2S)		36 X 36		9.000					1		
702	R1-1F(2S)		30 X 30			5.180	1.000	1.000		1		REMOVE STOP SIGN AND PLAQUE
703	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		REMOVE STOP AHEAD. 16 X 16 TEMPORARY FLAGS INCIDENTAL
704	R1-1F(2S)		30 X 30			5.180	1.000	1.000		1		REMOVE STOP AND ALL WAY PLAQUE
705	R1-1F(2S)		30 X 30			5.180	1.000	1.000		1		REMOVE STOP AND ALL WAY PLAQUE SPECIAL MOUNTING BRACKET INCIDENTAL TO SIGN. SEE DETAIL
706	R1-1F(2S)		30 X 30			5.180	1.000	1.000		1		REMOVE STOP AND ALL WAY PLAQUE
707	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		REMOVE STOP AHEAD. 16 X 16 TEMPORARY FLAGS INCIDENTAL
708	W3-3(2S)		36 X 36		9.000					1		16 X 16 TEMP FLAGS INCIDENTAL
709	W3-1											
710	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		16 X 16 TEMP FLAGS INCIDENTAL
711	W3-3(2S)		36 X 36		9.000					1		16 X 16 TEMP FLAGS INCIDENTAL
712	R1-1F(2S)		30 X 30			5.180	1.000	1.000		1		REMOVE STOP AND ALL WAY PLAQUE
713	R1-1F(2S)		30 X 30			5.180	1.000	1.000		1		REMOVE STOP AND ALL WAY PLAQUE
714	R1-1F(2S)		30 X 30			5.180	1.000	1.000		1		REMOVE STOP AND ALL WAY PLAQUE
715	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		REMOVE STOP AHEAD. 16 X 16 TEMPORARY FLAGS INCIDENTAL
716	R1-1F(2S)		30 X 30			5.180	1.000	1.000		1		REMOVE STOP AND ALL WAY PLAQUE
717	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		REMOVE STOP AHEAD. 16 X 16 TEMPORARY FLAGS INCIDENTAL
718	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		16 X 16 TEMP FLAGS INCIDENTAL
719	W3-1											
720	W3-1											
721	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		16 X 16 TEMP FLAGS INCIDENTAL
722	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		16 X 16 TEMP FLAGS INCIDENTAL
723	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		16 X 16 TEMP FLAGS INCIDENTAL
724	W3-3(2S)		36 X 36		9.000		1.000	1.000		1		16 X 16 TEMP FLAGS INCIDENTAL
725	W3-1											
726	W3-1											
UNDISTRIBUTED												
TOTALS												

\* additional qty's shown elsewhere

SHEET: 1 OF 1

E

SHEET: 321A

MISCELLANEOUS QUANTITIES - PERMANENT SIGNING - TEMP SIGNAL

COUNTY: RACINE

HWY: STH 20 (CTH C)

PROJECT NO: 1033-02-71/76

PLOT NAME: 090504\_mpl.pdf

PLOT BY: \_bim

PLOT DATE: 1-27-20

FILE NAME: N:\SPOPERATIONS\SIGNING\MISCELLANEOUS QUANTITIES\1033-02-71\090504\_MQ.dwg

PLOT SCALE: 1:1



Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 521B  
February 4, 2020

1033-02-71\_STH 20\_CTH C at EFR and WFR - BACK TO ALL WAY S

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE [SF]	637.2230 SIGNS TYPE II REFLECTIVE [SF]	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.2102 MOVING SIGNS TYPE II [EA]	634.0618 POSTS WOOD 4" X 6" X 18" [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	
900	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
901	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
902	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE FOLD UP STOP.	
902A	R1-3P(2S)		18 X 6	0.750						902	REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
903	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE FOLD UP STOP	
904	R1-1(2S)		30 X 30	5.180		1.000	1.000		1	904	REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
904A	R1-3P(2S)		18 X 6	0.750							REMOVE FOLD UP STOP. SPECIAL MOUNTING BRACKET INCIDENTAL TO SIGN. SEE DETAIL	
905	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
906	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
906A	R1-3P(2S)		18 X 6	0.750						906	REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
907	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE FOLD UP STOP	
908	R1-1(2S)		30 X 30	5.180		1.000	1.000		1	908	REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
908A	R1-3P(2S)		18 X 6	0.750							REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
909	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
910	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
911	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
912	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
913	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
914	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE FOLD UP STOP	
914A	R1-3P(2S)		18 X 6	0.750						914	REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
915	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE FOLD UP STOP	
916	R1-1(2S)		30 X 30	5.180		1.000	1.000		1	916	REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
916A	R1-3P(2S)		18 X 6	0.750							REMOVE FOLD UP STOP	
917	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
918	R1-1(2S)		30 X 30	5.180		1.000	1.000		1	918	REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
918A	R1-3P(2S)		18 X 6	0.750							REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
919	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
920	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
921	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
921A	R1-3P(2S)		18 X 6	0.750						921	REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
922	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
923	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
924	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
925	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
926	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
927	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
928	W3-1(2S)		36 X 36		9.000	1.000	1.000		1		REMOVE SIGNAL AHEAD - 16 X 16 TEMP FLAGS INCIDENTAL	
929	R1-1(2S)		30 X 30	5.180		1.000	1.000		1		SHEET 2 OF 10	
UNDISTRIBUTED												
TOTALS												
				88.88°	126°	22°	22°	2	2	30'	--	--

\* additional qty's shown elsewhere

SHEET: 1 OF 1

PROJECT NO: 1033-02-71/76

HWY: STH 20 (CTH C)

COUNTY: RACINE

MISCELLANEOUS QUANTITIES - PERMANENT SIGNING - ALL WAY STOP

SHEET: 521B

E

FILE NAME: N:\SPOPERATIONS\SIGNING\MISCELLANEOUS QUANTITIES\1033-02-71\030505\_MQ.pptx PLOT DATE: 1/27/20 PLOT BY: j\_ban PLOT NAME: 030505.mspdf PLOT SCALE: 1:1

IH-94 WEST FRONTAGE RD & CTH C/SPRING ST  
 RACINE COUNTY  
 CATEGORY 1500  
 T51-1484

STATE FURNISHED MATERIALS SUMMARY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER, FULLY ACTUATED, 8 PHASE
1	CELLULAR MODEM
1	CCTV CAMERA

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

LOCATION	L.S.	INTERSECTIONS	INSTALL CAMERA ASSEMBLY EACH	TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS	TEMPORARY NON-INTRUSIVE VEHICLE DETECTION SYSTEM L.S.
IH-94 WEST FRONTAGE RD & CTH C/SPRING ST	1	1	1	1	1
TOTAL	1	1	1*	1	1

\* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN

Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 558A  
 February 4, 2020

IH-94 EAST FRONTAGE RD & CTH C/SPRING ST  
 RACINE COUNTY  
 CATEGORY 1500  
 T51-1485

STATE FURNISHED MATERIALS SUMMARY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER, FULLY ACTUATED, 8 PHASE
1	CELLULAR MODEM
1	CCTV CAMERA

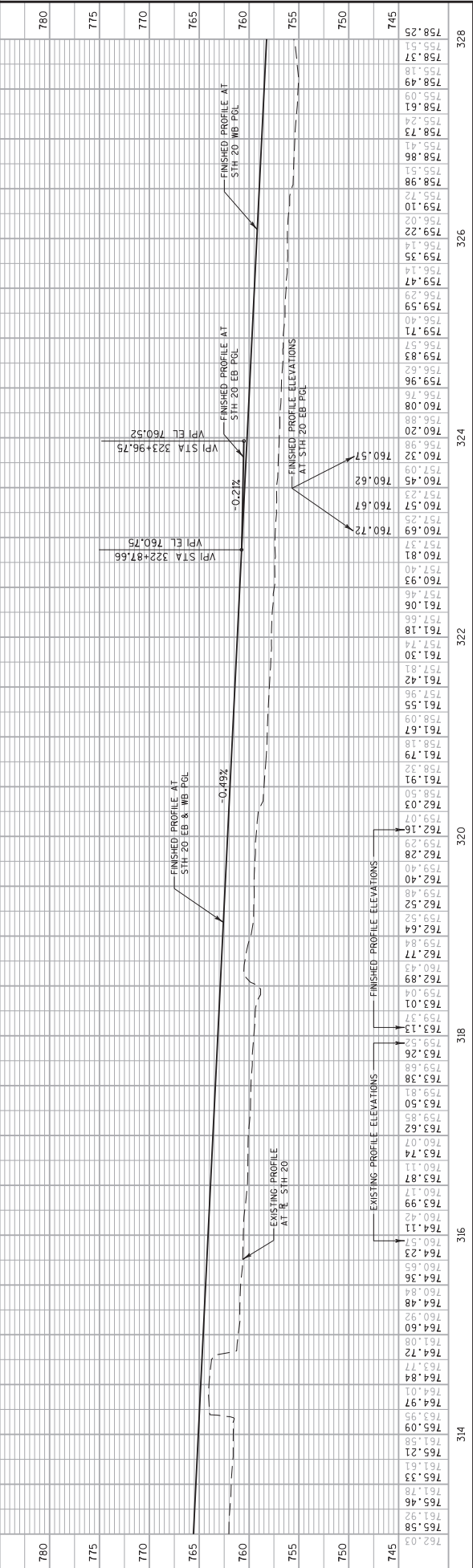
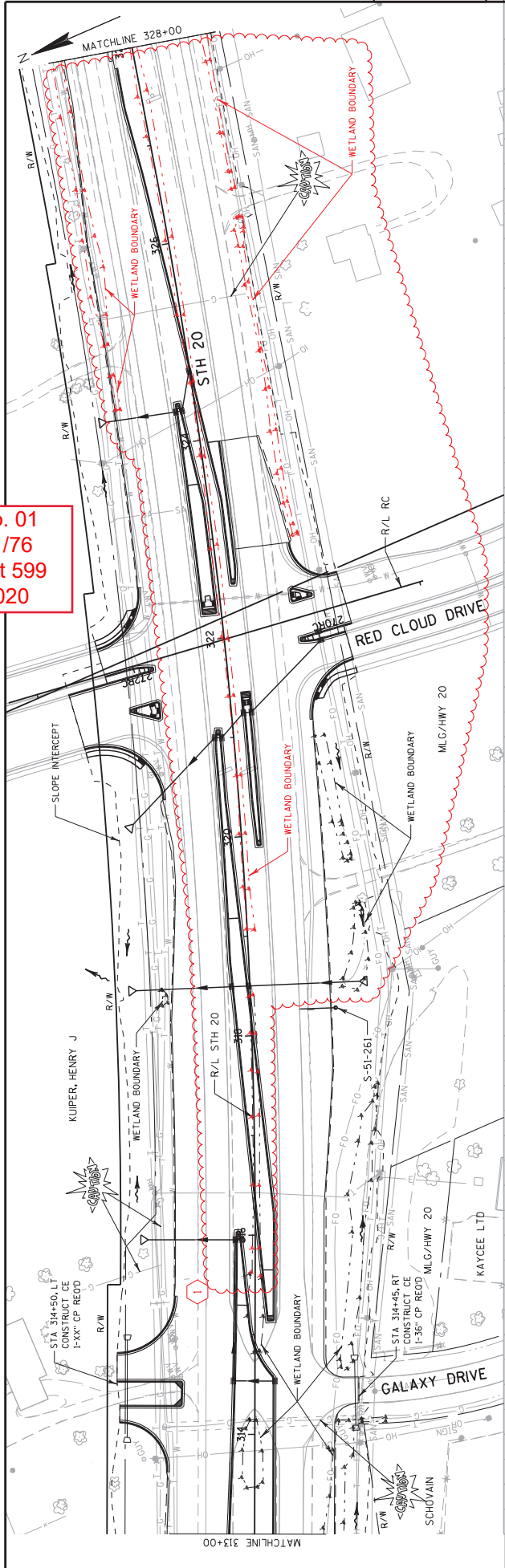
TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

LOCATION	661.0200.3007 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS L.S.	677.0200 INSTALL CAMERA ASSEMBLY EACH	SPV.0105.3023 TEMPORARY NON-INTRUSIVE VEHICLE DETECTION SYSTEM L.S.
IH-94 EAST FRONTAGE RD & CTH C/SPRING ST	1	1	1
	TOTAL	1	1
		1 *	

\* ADDITIONAL QUANTITY SHOWN ELSEWHERE ON PLAN

Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 558B  
 February 4, 2020

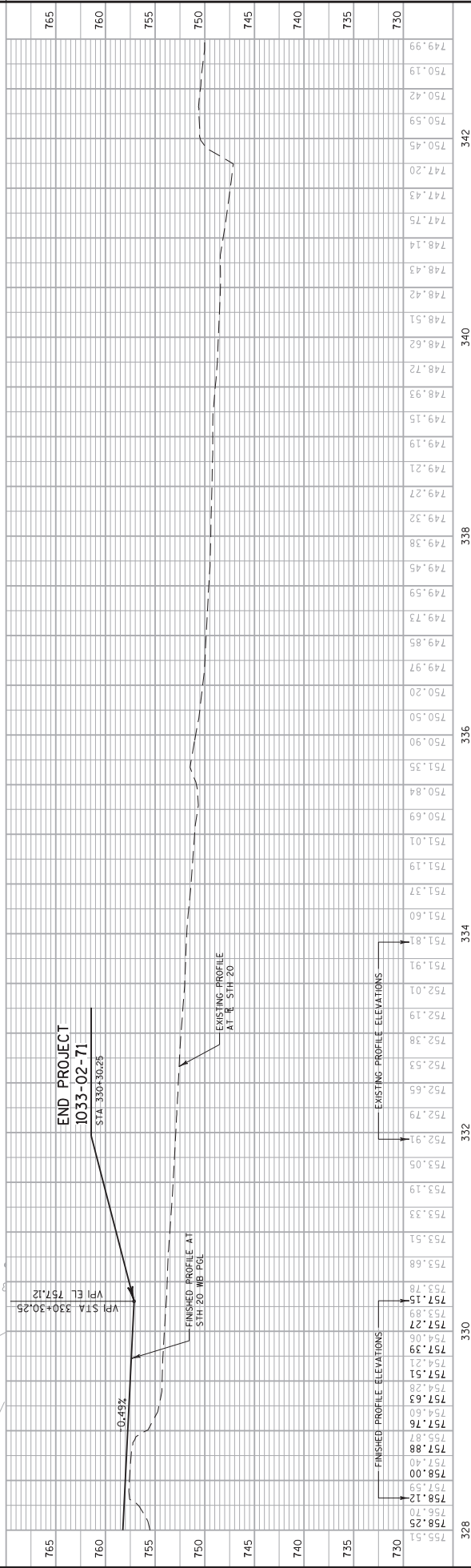
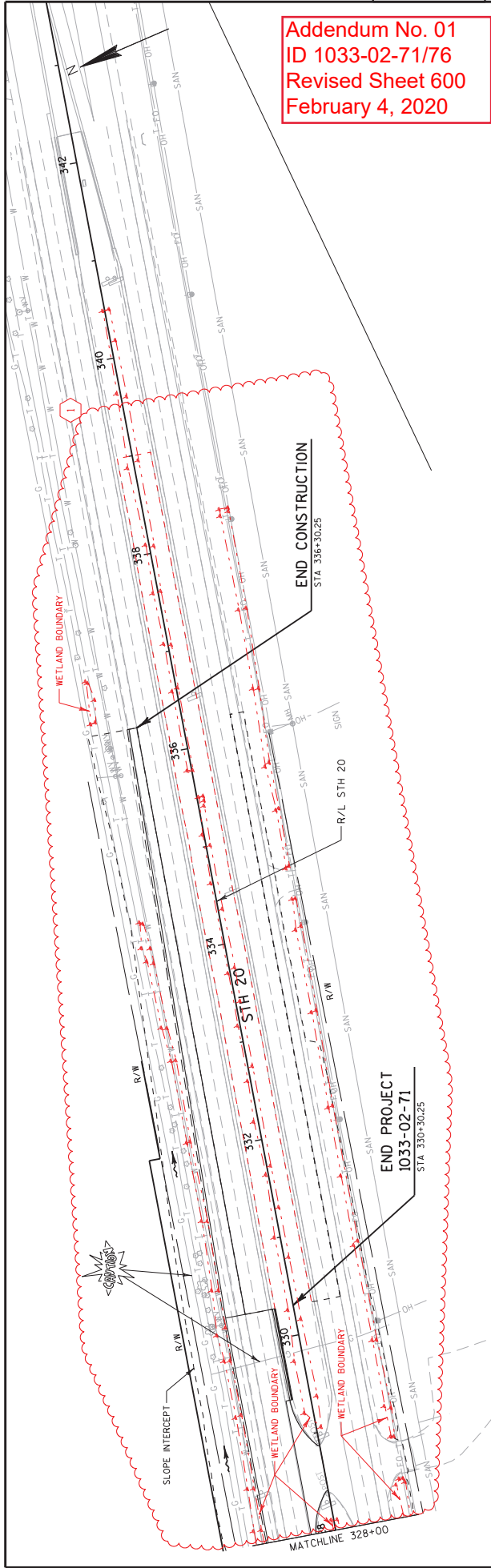
Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 599  
 February 4, 2020



Station	Elevation	Station	Elevation
780	758.25	328	758.25
775	758.37	328	758.37
770	758.49	328	758.49
765	758.61	328	758.61
760	758.73	328	758.73
755	758.86	328	758.86
750	758.98	328	758.98
745	759.10	328	759.10
	759.22	328	759.22
	759.35	328	759.35
	759.47	328	759.47
	759.59	328	759.59
	759.71	328	759.71
	759.83	328	759.83
	759.96	328	759.96
	760.08	328	760.08
	760.20	328	760.20
	760.32	328	760.32
	760.45	328	760.45
	760.57	328	760.57
	760.69	328	760.69
	760.81	328	760.81
	760.93	328	760.93
	761.06	328	761.06
	761.18	328	761.18
	761.30	328	761.30
	761.42	328	761.42
	761.55	328	761.55
	761.67	328	761.67
	761.79	328	761.79
	761.91	328	761.91
	762.03	328	762.03
	762.16	328	762.16
	762.28	328	762.28
	762.40	328	762.40
	762.52	328	762.52
	762.64	328	762.64
	762.77	328	762.77
	762.89	328	762.89
	763.01	328	763.01
	763.13	328	763.13
	763.26	328	763.26
	763.38	328	763.38
	763.50	328	763.50
	763.62	328	763.62
	763.74	328	763.74
	763.87	328	763.87
	764.00	328	764.00
	764.11	328	764.11
	764.23	328	764.23
	764.35	328	764.35
	764.48	328	764.48
	764.60	328	764.60
	764.72	328	764.72
	764.84	328	764.84
	764.97	328	764.97
	765.09	328	765.09
	765.21	328	765.21
	765.33	328	765.33
	765.46	328	765.46
	765.58	328	765.58
	765.70	328	765.70
	765.82	328	765.82
	765.94	328	765.94
	766.06	328	766.06
	766.18	328	766.18
	766.30	328	766.30
	766.42	328	766.42
	766.54	328	766.54
	766.66	328	766.66
	766.78	328	766.78
	766.90	328	766.90
	767.02	328	767.02
	767.14	328	767.14
	767.26	328	767.26
	767.38	328	767.38
	767.50	328	767.50
	767.62	328	767.62
	767.74	328	767.74
	767.86	328	767.86
	767.98	328	767.98
	768.10	328	768.10
	768.22	328	768.22
	768.34	328	768.34
	768.46	328	768.46
	768.58	328	768.58
	768.70	328	768.70
	768.82	328	768.82
	768.94	328	768.94
	769.06	328	769.06
	769.18	328	769.18
	769.30	328	769.30
	769.42	328	769.42
	769.54	328	769.54
	769.66	328	769.66
	769.78	328	769.78
	769.90	328	769.90
	770.02	328	770.02
	770.14	328	770.14
	770.26	328	770.26
	770.38	328	770.38
	770.50	328	770.50
	770.62	328	770.62
	770.74	328	770.74
	770.86	328	770.86
	770.98	328	770.98
	771.10	328	771.10
	771.22	328	771.22
	771.34	328	771.34
	771.46	328	771.46
	771.58	328	771.58
	771.70	328	771.70
	771.82	328	771.82
	771.94	328	771.94
	772.06	328	772.06
	772.18	328	772.18
	772.30	328	772.30
	772.42	328	772.42
	772.54	328	772.54
	772.66	328	772.66
	772.78	328	772.78
	772.90	328	772.90
	773.02	328	773.02
	773.14	328	773.14
	773.26	328	773.26
	773.38	328	773.38
	773.50	328	773.50
	773.62	328	773.62
	773.74	328	773.74
	773.86	328	773.86
	773.98	328	773.98
	774.10	328	774.10
	774.22	328	774.22
	774.34	328	774.34
	774.46	328	774.46
	774.58	328	774.58
	774.70	328	774.70
	774.82	328	774.82
	774.94	328	774.94
	775.06	328	775.06
	775.18	328	775.18
	775.30	328	775.30
	775.42	328	775.42
	775.54	328	775.54
	775.66	328	775.66
	775.78	328	775.78
	775.90	328	775.90
	776.02	328	776.02
	776.14	328	776.14
	776.26	328	776.26
	776.38	328	776.38
	776.50	328	776.50
	776.62	328	776.62
	776.74	328	776.74
	776.86	328	776.86
	776.98	328	776.98
	777.10	328	777.10
	777.22	328	777.22
	777.34	328	777.34
	777.46	328	777.46
	777.58	328	777.58
	777.70	328	777.70
	777.82	328	777.82
	777.94	328	777.94
	778.06	328	778.06
	778.18	328	778.18
	778.30	328	778.30
	778.42	328	778.42
	778.54	328	778.54
	778.66	328	778.66
	778.78	328	778.78
	778.90	328	778.90
	779.02	328	779.02
	779.14	328	779.14
	779.26	328	779.26
	779.38	328	779.38
	779.50	328	779.50
	779.62	328	779.62
	779.74	328	779.74
	779.86	328	779.86
	779.98	328	779.98
	780.10	328	780.10
	780.22	328	780.22
	780.34	328	780.34
	780.46	328	780.46
	780.58	328	780.58
	780.70	328	780.70
	780.82	328	780.82
	780.94	328	780.94
	781.06	328	781.06
	781.18	328	781.18
	781.30	328	781.30
	781.42	328	781.42
	781.54	328	781.54
	781.66	328	781.66
	781.78	328	781.78
	781.90	328	781.90
	782.02	328	782.02

PROJECT NO: 1033-02-71/76  
 HWY: IH 94/STH 20  
 COUNTY: RACINE  
 PLAN & PROFILE: STH 20  
 SHEET 599  
 WISDOT/CADDIS SHEET 40

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 600  
 February 4, 2020



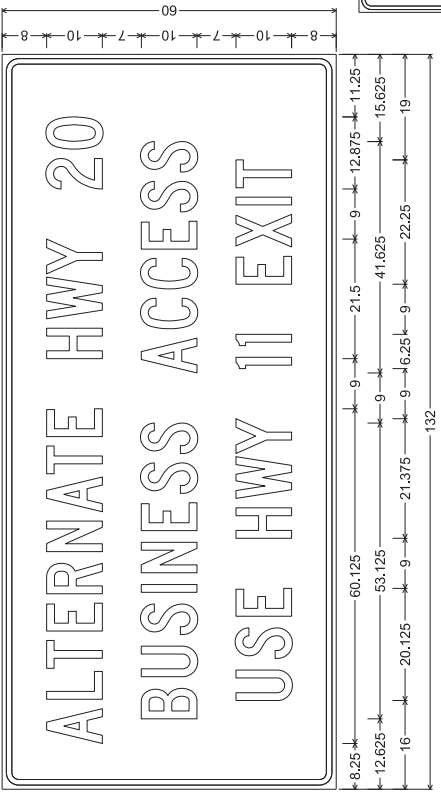
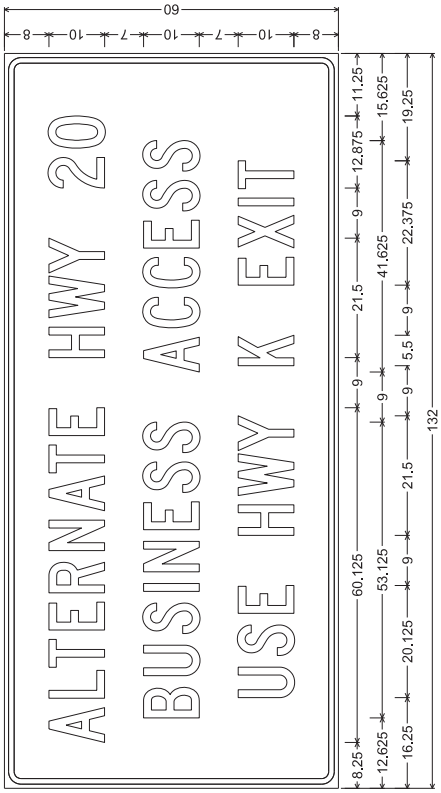
Station	Elevation	Station	Elevation
730	755.51	330	757.51
730	756.25	330	757.51
730	757.00	330	757.51
730	757.59	330	757.51
730	758.00	330	757.51
730	758.12	330	757.51
730	758.17	330	757.51
730	758.25	330	757.51
730	758.28	330	757.51
730	758.33	330	757.51
730	758.38	330	757.51
730	758.42	330	757.51
730	758.45	330	757.51
730	758.48	330	757.51
730	758.51	330	757.51
730	758.53	330	757.51
730	758.55	330	757.51
730	758.58	330	757.51
730	758.62	330	757.51
730	758.65	330	757.51
730	758.68	330	757.51
730	758.72	330	757.51
730	758.75	330	757.51
730	758.78	330	757.51
730	758.81	330	757.51
730	758.84	330	757.51
730	758.87	330	757.51
730	758.90	330	757.51
730	758.93	330	757.51
730	758.96	330	757.51
730	758.99	330	757.51
735	759.00	334	751.60
735	759.05	334	751.60
735	759.10	334	751.60
735	759.15	334	751.60
735	759.20	334	751.60
735	759.25	334	751.60
735	759.30	334	751.60
735	759.35	334	751.60
735	759.40	334	751.60
735	759.45	334	751.60
735	759.50	334	751.60
735	759.55	334	751.60
735	759.60	334	751.60
735	759.65	334	751.60
735	759.70	334	751.60
735	759.75	334	751.60
735	759.80	334	751.60
735	759.85	334	751.60
735	759.90	334	751.60
735	759.95	334	751.60
735	760.00	334	751.60
735	760.05	334	751.60
735	760.10	334	751.60
735	760.15	334	751.60
735	760.20	334	751.60
735	760.25	334	751.60
735	760.30	334	751.60
735	760.35	334	751.60
735	760.40	334	751.60
735	760.45	334	751.60
735	760.50	334	751.60
735	760.55	334	751.60
735	760.60	334	751.60
735	760.65	334	751.60
735	760.70	334	751.60
735	760.75	334	751.60
735	760.80	334	751.60
735	760.85	334	751.60
735	760.90	334	751.60
735	760.95	334	751.60
735	761.00	334	751.60
735	761.05	334	751.60
735	761.10	334	751.60
735	761.15	334	751.60
735	761.20	334	751.60
735	761.25	334	751.60
735	761.30	334	751.60
735	761.35	334	751.60
735	761.40	334	751.60
735	761.45	334	751.60
735	761.50	334	751.60
735	761.55	334	751.60
735	761.60	334	751.60
735	761.65	334	751.60
735	761.70	334	751.60
735	761.75	334	751.60
735	761.80	334	751.60
735	761.85	334	751.60
735	761.90	334	751.60
735	761.95	334	751.60
735	762.00	334	751.60
735	762.05	334	751.60
735	762.10	334	751.60
735	762.15	334	751.60
735	762.20	334	751.60
735	762.25	334	751.60
735	762.30	334	751.60
735	762.35	334	751.60
735	762.40	334	751.60
735	762.45	334	751.60
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735	763.00	334	751.60
735	763.05	334	751.60
735	763.10	334	751.60
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735	763.30	334	751.60
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735	763.50	334	751.60
735	763.55	334	751.60
735	763.60	334	751.60
735	763.65	334	751.60
735	763.70	334	751.60
735	763.75	334	751.60
735	763.80	334	751.60
735	763.85	334	751.60
735	763.90	334	751.60
735	763.95	334	751.60
735	764.00	334	751.60
735	764.05	334	751.60
735	764.10	334	751.60
735	764.15	334	751.60
735	764.20	334	751.60
735	764.25	334	751.60
735	764.30	334	751.60
735	764.35	334	751.60
735	764.40	334	751.60
735	764.45	334	751.60
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735	764.55	334	751.60
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735	764.70	334	751.60
735	764.75	334	751.60
735	764.80	334	751.60
735	764.85	334	751.60
735	764.90	334	751.60
735	764.95	334	751.60
735	765.00	334	751.60
735	765.05	334	751.60
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735	765.70	334	751.60
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735	765.80	334	751.60
735	765.85	334	751.60
735	765.90	334	751.60
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735	766.00	334	751.60
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735	766.70	334	751.60
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735	766.80	334	751.60
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735	766.95	334	751.60
735	767.00	334	751.60
735	767.05	334	751.60
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735	769.00	334	751.60
735	769.05	334	751.60
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735	769.35	334	751.60
735	769.40	334	751.60
735	769.45	334	751.60
735	769.50	334	751.60
735	769.55	334	751.60
735	769.60	334	751.60
735	769.65	334	751.60
735	769.70	334	751.60
735	769.75	334	751.60
735	769.80	334	751.60
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735	769.90	334	751.60
735	769.95	334	751.60
735	770.00	334	751.60

PROJECT NO: 1033-02-71/76 COUNTY: RACINE  
 HWY: IH 94/STH 20 PLAN & PROFILE: STH 20  
 PLOT DATE: 23-JAN-2020 14:12 PLOT BY: MSCDIS PLOT NAME: WISDOT/CADDIS SHEET 40  
 SHEET 600  
 SCALE: 100:1

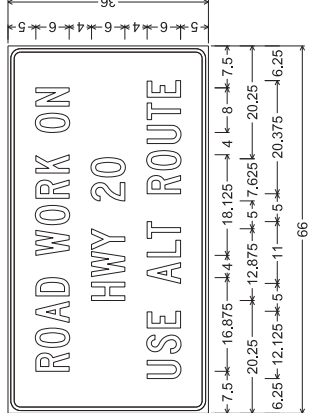
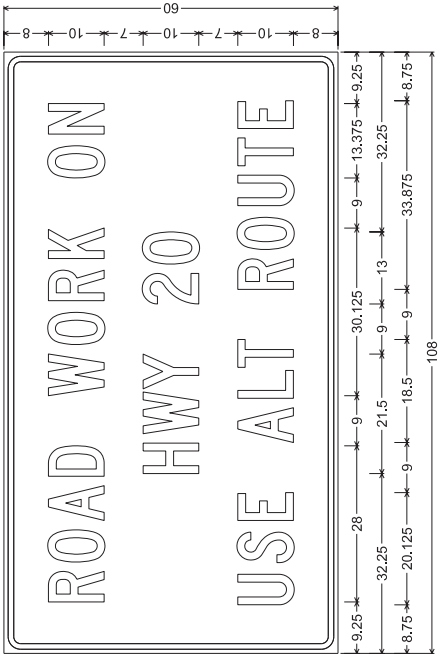
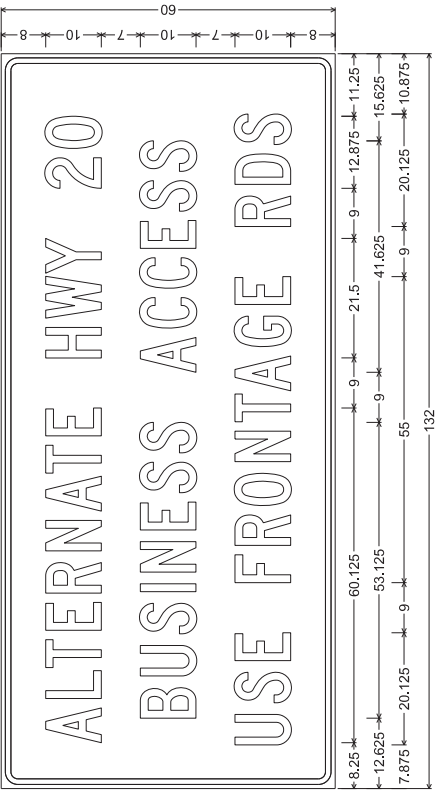


NOTES

1. All Signs Type II - Type F Reflective
2. Color:  
Background - Orange  
Message - Black
3. Message Series - C



Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 762A  
February 4, 2020





Division 1 TEMPORARY WIDENING AND CROSSEOVERS

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
260+64 AH	26064.08	0.00	3.11	6.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
261+00	26100.00	35.92	3.94	3.36	0.00	5.24	4.47	0.00	5.24	4.47	0.00	0.77
261+50	26150.00	50.00	7.36	3.29	0.00	13.63	6.09	0.00	18.87	10.56	0.00	8.31
262+00	26200.00	50.00	10.88	2.72	0.00	20.15	5.04	0.00	39.02	15.60	0.00	23.42
262+50	26250.00	50.00	17.32	0.00	0.00	32.07	0.00	0.00	71.09	15.60	0.00	55.49
262+65 BK	26265.00	15.00	11.10	0.00	0.00	6.17	0.00	0.00	77.26	15.60	0.00	61.66
263+25 AH	26325.00	0.00	23.99	0.00	0.00	0.00	0.00	0.00	77.26	15.60	0.00	61.66
263+50	26350.00	25.00	22.99	0.00	0.00	11.65	1.82	0.00	88.91	17.42	0.00	71.50
264+00	26400.00	50.00	22.22	0.00	0.00	25.29	3.23	0.00	114.20	20.65	0.00	93.55
264+50	26450.00	50.00	22.09	0.00	0.00	26.85	2.91	0.00	141.06	23.56	0.00	117.50
265+00	26500.00	50.00	23.03	0.00	0.00	28.29	2.64	0.00	169.34	26.20	0.00	143.14
265+50	26550.00	50.00	71.81	0.03	0.00	37.01	2.43	0.00	206.36	28.63	0.00	177.72
266+00	26600.00	50.00	68.11	0.99	0.00	129.56	0.94	0.00	335.91	29.58	0.00	306.33
266+50	26650.00	50.00	63.90	2.96	0.00	122.23	3.66	0.00	458.14	33.24	0.00	424.91
267+00	26700.00	50.00	58.87	0.33	0.00	113.68	3.05	0.00	571.82	36.28	0.00	535.54
267+50	26750.00	50.00	54.66	2.13	0.00	105.12	2.28	0.00	676.94	38.56	0.00	638.38
268+00	26800.00	50.00	49.23	1.35	0.00	96.19	3.22	0.00	773.13	41.78	0.00	731.35
268+50	26850.00	50.00	42.54	0.46	0.00	84.97	1.68	0.00	858.11	43.46	0.00	814.65
269+00	26900.00	50.00	39.74	0.18	0.00	76.19	0.59	0.00	934.29	44.05	0.00	890.24
269+50	26950.00	50.00	21.01	0.00	0.00	56.25	0.17	0.00	990.54	44.22	0.00	946.32
270+00	27000.00	50.00	22.03	0.00	0.00	39.85	0.00	0.00	1030.39	44.22	0.00	986.18
270+50	27050.00	50.00	22.22	0.00	0.00	40.97	0.00	0.00	1071.37	44.22	0.00	1027.15
271+00	27100.00	50.00	22.97	0.00	0.00	41.84	0.00	0.00	1113.21	44.22	0.00	1068.99
271+50	27150.00	50.00	23.07	0.00	0.00	42.63	0.00	0.00	1155.84	44.22	0.00	1111.62
272+00	27200.00	50.00	22.76	0.00	0.00	42.44	0.00	0.00	1198.27	44.22	0.00	1154.06
272+50	27250.00	50.00	22.90	0.00	0.00	42.28	0.00	0.00	1240.55	44.22	0.00	1196.33
273+00	27300.00	50.00	25.81	0.33	0.00	45.10	0.31	0.00	1285.65	44.52	0.00	1241.13
273+50	27350.00	50.00	24.74	0.70	0.00	46.81	0.95	0.00	1332.46	45.48	0.00	1286.98
274+00	27400.00	50.00	18.63	1.08	0.00	40.16	1.65	0.00	1372.62	47.12	0.00	1325.49
274+50	27450.00	50.00	23.49	3.98	0.00	39.00	4.69	0.00	1411.62	51.81	0.00	1359.81
275+00	27500.00	50.00	24.99	2.96	0.00	44.89	6.43	0.00	1456.50	58.24	0.00	1398.27
275+50	27550.00	50.00	22.53	4.14	0.00	44.00	6.57	0.00	1500.50	64.81	0.00	1435.70
276+00	27600.00	50.00	18.85	3.29	0.00	38.31	6.88	0.00	1538.82	71.69	0.00	1467.13
276+50	27650.00	50.00	14.00	2.32	0.00	30.42	5.19	0.00	1569.24	76.88	0.00	1492.35
277+00	27700.00	50.00	8.90	3.90	0.00	21.20	5.76	0.00	1590.44	82.64	0.00	1507.80
277+50	27750.00	50.00	6.28	1.15	0.00	14.06	4.68	0.00	1604.50	87.32	0.00	1517.18
278+00	27800.00	50.00	5.42	0.31	0.00	10.83	1.35	0.00	1615.33	88.67	0.00	1526.66
278+12 BK	27812.00	12.00	3.31	0.06	0.00	1.94	0.08	0.00	1617.27	88.75	0.00	1528.52
278+84 AH	27884.00	0.00	3.20	0.01	0.00	0.00	0.00	0.00	1617.27	88.75	0.00	1528.52
279+00	27900.00	16.00	6.23	0.61	0.00	2.79	0.18	0.00	1620.06	88.94	0.00	1531.13

(CONTINUED ON NEXT SHEET)

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Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 855  
February 4, 2020

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(CONTINUED)

Division 1. TEMPORARY WIDENING AND CROSSOVERS

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
279+50	27950.00	50.00	11.55	0.53	0.00	16.46	1.06	0.00	1636.53	89.99	0.00	1546.53
280+00	28000.00	50.00	16.95	0.72	0.00	26.39	1.16	0.00	1662.91	91.15	0.00	1571.77
280+50	28050.00	50.00	21.30	0.41	0.00	35.42	1.05	0.00	1698.33	92.20	0.00	1606.14
281+00	28100.00	50.00	21.54	0.13	0.00	39.67	0.50	0.00	1738.00	92.70	0.00	1645.30
281+50	28150.00	50.00	21.06	0.12	0.00	39.44	0.23	0.00	1777.44	92.93	0.00	1684.52
282+00	28200.00	50.00	21.91	0.00	0.00	39.79	0.11	0.00	1817.23	93.04	0.00	1724.19
282+50	28250.00	50.00	22.17	17.50	0.00	40.81	16.20	0.00	1858.04	109.24	0.00	1748.80
283+00	28300.00	50.00	20.17	21.00	0.00	39.20	35.65	0.00	1897.25	144.89	0.00	1752.36
283+50	28350.00	50.00	12.79	6.90	0.00	30.52	25.83	0.00	1927.77	170.72	0.00	1757.04
284+00	28400.00	50.00	10.83	7.84	0.00	21.87	13.65	0.00	1949.64	184.37	0.00	1765.27
284+50	28450.00	50.00	9.79	8.28	0.00	19.09	14.93	0.00	1968.73	199.30	0.00	1769.43
285+00	28500.00	50.00	9.82	7.67	0.00	18.16	14.77	0.00	1986.89	214.07	0.00	1772.82
285+50	28550.00	50.00	8.55	10.73	0.00	17.01	17.04	0.00	2003.90	231.10	0.00	1772.79
286+00	28600.00	50.00	9.43	12.61	0.00	16.65	21.61	0.00	2020.54	252.71	0.00	1767.83
286+50	28650.00	50.00	15.40	9.11	0.00	22.99	20.11	0.00	2043.53	272.83	0.00	1770.71
286+77 BK	28677.00	27.00	9.26	0.00	0.00	12.33	4.56	0.00	2055.86	277.38	0.00	1778.48
288+23 AH	28823.00	0.00	3.05	1.24	0.00	0.00	0.00	0.00	2055.86	277.38	0.00	1778.48
288+50	28850.00	27.00	9.75	2.16	0.00	6.40	1.70	0.00	2062.26	279.08	0.00	1783.18
289+00	28900.00	50.00	14.55	7.69	0.00	22.50	9.12	0.00	2084.76	288.20	0.00	1796.56
289+50	28950.00	50.00	15.10	8.53	0.00	27.45	15.02	0.00	2112.22	303.22	0.00	1809.00
290+00	29000.00	50.00	16.51	3.56	0.00	29.27	11.19	0.00	2141.49	314.41	0.00	1827.07
290+50	29050.00	50.00	20.98	0.37	0.00	34.71	3.64	0.00	2176.20	318.05	0.00	1858.15
291+00	29100.00	50.00	14.24	0.14	0.00	32.61	0.47	0.00	2208.81	318.52	0.00	1890.29
291+36 BK	29136.00	36.00	3.01	0.04	0.00	11.50	0.12	0.00	2220.31	318.64	0.00	1901.67
292+94 AH	29294.40	0.00	58.12	0.00	0.00	0.00	0.00	0.00	2220.31	318.64	0.00	1901.67
293+00	29300.00	5.60	69.68	0.00	0.00	13.25	0.00	0.00	2233.56	318.64	0.00	1914.92
293+50	29350.00	50.00	54.46	0.00	0.00	114.94	0.00	0.00	2348.51	318.64	0.00	2029.86
294+00	29400.00	50.00	35.74	0.04	0.00	83.52	0.04	0.00	2432.03	318.68	0.00	2113.35
294+50	29450.00	50.00	32.77	0.16	0.00	63.44	0.19	0.00	2495.46	318.87	0.00	2176.60
295+00	29500.00	50.00	35.60	0.18	0.00	63.31	0.31	0.00	2558.77	319.18	0.00	2239.59
295+50	29550.00	50.00	41.94	0.01	0.00	71.80	0.18	0.00	2630.56	319.36	0.00	2311.21
296+00	29600.00	50.00	64.33	0.00	0.00	98.40	0.01	0.00	2728.96	319.37	0.00	2409.60
296+20 BK	29620.00	20.00	21.10	0.00	0.00	31.64	0.00	0.00	2760.60	319.37	0.00	2441.24
296+96 AH	29696.00	0.00	4.99	0.00	0.00	0.00	0.00	0.00	2760.60	319.37	0.00	2441.24
297+00	29700.00	4.00	8.82	0.00	0.00	1.02	0.00	0.00	2761.63	319.37	0.00	2442.26
297+50	29750.00	50.00	20.52	10.76	0.00	27.17	9.96	0.00	2788.79	329.33	0.00	2459.46
298+00	29800.00	50.00	14.91	10.26	0.00	32.81	19.46	0.00	2821.60	348.79	0.00	2472.81
298+50	29850.00	50.00	36.35	0.00	0.00	47.46	9.50	0.00	2869.06	358.29	0.00	2510.77
299+00	29900.00	50.00	44.68	0.00	0.00	75.03	0.00	0.00	2944.09	358.29	0.00	2585.80

(CONTINUED ON NEXT SHEET)

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Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 856  
February 4, 2020

9

9

PROJECT NO: 1033-02-71/76

HWY: IH 94/STH 20

COUNTY: RACINE

EARTHWORK

SHEET: 856

E

FILE NAME: S:\FinalDesign\201030271\_L1\Roads\sheet001011.dwg.plt

PLOT DATE: 2/2/2020 12:29:56 AM

PLOT BY: MSCD/S

PLOT NAME: 090101.dwg

PLOT SCALE: 1:1

(CONTINUED)

Division 1 TEMPORARY WIDENING AND CROSSEVERS

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
299+50	29950.00	50.00	12.01	5.63	0.00	52.49	5.21	0.00	2996.58	363.51	0.00	26333.07
300+00	30000.00	50.00	15.08	11.29	0.00	25.08	15.67	0.00	3021.66	379.17	0.00	26442.49
300+50	30050.00	50.00	17.56	9.30	0.00	30.22	19.06	0.00	3051.89	398.24	0.00	26533.65
301+00	30100.00	50.00	15.27	11.38	0.00	30.40	19.15	0.00	3082.28	417.39	0.00	26644.90
301+50	30150.00	50.00	16.07	10.47	0.00	29.02	20.23	0.00	3111.30	437.62	0.00	26733.69
302+00	30200.00	50.00	17.02	5.48	0.00	30.64	14.77	0.00	3141.94	452.39	0.00	26893.56
302+44 BK	30244.28	44.28	26.38	0.00	0.00	35.59	4.49	0.00	3177.53	456.88	0.00	27203.65
303+39 AH	30339.00	0.00	12.11	0.00	0.00	0.00	0.00	0.00	3177.53	456.88	0.00	27203.65
303+50	30350.00	11.00	26.32	0.00	0.00	7.83	0.00	0.00	3185.36	456.88	0.00	27283.48
304+00	30400.00	50.00	14.68	3.62	0.00	37.96	3.35	0.00	3223.32	460.23	0.00	27633.09
304+50	30450.00	50.00	16.93	10.36	0.00	29.27	12.94	0.00	3252.59	473.18	0.00	27793.41
305+00	30500.00	50.00	22.41	12.48	0.00	36.43	21.15	0.00	3289.01	494.32	0.00	27943.69
305+50	30550.00	50.00	21.62	16.99	0.00	40.77	27.29	0.00	3329.78	521.61	0.00	28083.17
306+00	30600.00	50.00	21.06	18.01	0.00	39.52	32.41	0.00	3369.30	554.02	0.00	28153.28
306+50	30650.00	50.00	19.59	21.22	0.00	37.64	36.32	0.00	3406.94	590.34	0.00	28163.60
307+00	30700.00	50.00	20.21	21.79	0.00	36.85	39.82	0.00	3443.79	630.17	0.00	28133.63
307+50	30750.00	50.00	19.86	20.36	0.00	37.10	39.03	0.00	3480.89	669.19	0.00	28113.70
308+00	30800.00	50.00	20.54	18.68	0.00	37.41	36.15	0.00	3518.30	705.34	0.00	28123.96
308+50	30850.00	50.00	20.40	16.94	0.00	37.91	32.98	0.00	3556.21	738.32	0.00	28173.89
309+00	30900.00	50.00	20.62	14.14	0.00	37.98	28.78	0.00	3594.19	767.10	0.00	28273.09
309+50	30950.00	50.00	20.98	16.61	0.00	38.52	28.47	0.00	3632.71	795.57	0.00	28373.14
310+00	31000.00	50.00	20.44	16.51	0.00	38.35	30.67	0.00	3671.06	826.24	0.00	28443.82
310+50	31050.00	50.00	19.86	12.58	0.00	37.31	26.94	0.00	3708.38	853.18	0.00	28553.20
311+00	31100.00	50.00	19.80	13.44	0.00	36.72	24.09	0.00	3745.10	877.27	0.00	28673.83
311+50	31150.00	50.00	19.65	12.32	0.00	36.53	23.85	0.00	3781.63	901.12	0.00	28803.51
312+00	31200.00	50.00	19.78	12.81	0.00	36.51	23.27	0.00	3818.14	924.39	0.00	28933.75
312+50	31250.00	50.00	20.09	14.29	0.00	36.92	25.09	0.00	3855.05	949.48	0.00	29053.57
313+00	31300.00	50.00	20.91	12.17	0.00	37.96	24.50	0.00	3893.01	973.98	0.00	29193.03
313+50	31350.00	50.00	21.98	11.67	0.00	39.71	22.07	0.00	3932.73	996.06	0.00	29363.67
314+00	31400.00	50.00	15.42	9.10	0.00	34.63	19.23	0.00	3967.36	1015.29	0.00	29523.07
314+15 BK	31415.00	15.00	4.28	0.03	0.00	5.47	2.54	0.00	3972.83	1017.82	0.00	29553.01
314+66 AH	31466.00	0.00	5.30	0.03	0.00	0.00	0.00	0.00	3972.83	1017.82	0.00	29553.01
315+00	31500.00	34.00	16.91	7.59	0.00	13.98	4.80	0.00	3986.81	1022.62	0.00	29643.19
315+50	31550.00	50.00	22.74	10.69	0.00	36.71	16.93	0.00	4023.53	1039.55	0.00	29833.98
316+00	31600.00	50.00	22.19	11.89	0.00	41.60	20.91	0.00	4065.13	1060.45	0.00	30043.67
316+50	31650.00	50.00	20.99	22.17	0.00	39.98	31.54	0.00	4105.11	1091.99	0.00	30133.12
317+00	31700.00	50.00	20.35	22.79	0.00	38.28	41.63	0.00	4143.39	1133.62	0.00	30093.77
317+50	31750.00	50.00	20.98	20.16	0.00	38.27	39.77	0.00	4181.66	1173.39	0.00	30083.27
318+00	31800.00	50.00	20.34	20.51	0.00	38.26	37.66	0.00	4219.92	1211.05	0.00	30083.87
318+50	31850.00	50.00	20.89	51.59	0.00	38.81	46.02	0.00	4103.94	1106.48	0.00	29973.46
319+00	31900.00	50.00	20.47	24.57	0.00	38.30	70.52	0.00	4142.23	1176.99	0.00	29653.24

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(CONTINUED ON NEXT SHEET)

SHEET: 857

EARTHWORK

COUNTY: RACINE

HWY: IH 94/STH 20

PROJECT NO: 1033-02-71/76

PLOT NAME: 090101\_L.mxd

PLOT BY: MSCDIS

PLOT DATE: 2/1/2020 10:10:58 PM

FILE NAME: S:\PlanDesign\201030271\_L\Roads\cd090101\_Law.ppt

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(CONTINUED)

Division 1 TEMPORARY WIDENING AND CROSSEVERS

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
319+50	31950.00	50.00	24.80	3.97	0.00	41.92	26.43	0.00	4184.15	1203.42	0.00	2980.73
320+00	32000.00	50.00	19.38	38.73	0.00	40.91	39.54	0.00	4225.06	1242.96	0.00	2982.10
320+50	32050.00	50.00	20.36	41.88	0.00	36.80	74.64	0.00	4261.85	1317.60	0.00	2944.26
321+00	32100.00	50.00	20.18	40.64	0.00	37.54	76.41	0.00	4299.39	1394.00	0.00	2905.39
321+50	32150.00	50.00	20.72	37.50	0.00	37.87	72.35	0.00	4337.26	1466.36	0.00	2870.91
322+00	32200.00	50.00	20.84	33.54	0.00	38.48	65.78	0.00	4375.74	1532.13	0.00	2843.61
322+50	32250.00	50.00	20.27	21.91	0.00	38.06	51.34	0.00	4413.81	1583.48	0.00	2830.33
323+00	32300.00	50.00	22.80	26.22	0.00	39.88	44.56	0.00	4453.69	1628.04	0.00	2825.65
323+50	32350.00	50.00	22.91	18.12	0.00	42.32	41.06	0.00	4496.01	1669.10	0.00	2826.92
324+00	32400.00	50.00	21.97	12.33	0.00	41.56	28.19	0.00	4537.57	1697.29	0.00	2840.28
324+50	32450.00	50.00	23.12	9.38	0.00	41.75	20.10	0.00	4579.32	1717.39	0.00	2861.92
325+00	32500.00	50.00	22.50	6.11	0.00	42.24	14.34	0.00	4621.56	1731.73	0.00	2889.82
325+50	32550.00	50.00	20.30	7.00	0.00	39.63	12.14	0.00	4661.19	1743.87	0.00	2917.31
326+00	32600.00	50.00	23.24	8.68	0.00	40.31	14.52	0.00	4701.50	1758.39	0.00	2943.11
326+50	32650.00	50.00	26.02	12.46	0.00	45.61	19.57	0.00	4747.11	1777.97	0.00	2969.15
327+00	32700.00	50.00	20.74	18.67	0.00	43.30	28.82	0.00	4790.41	1806.79	0.00	2983.62
327+50	32750.00	50.00	20.30	22.30	0.00	38.00	37.94	0.00	4828.41	1844.73	0.00	2983.68
328+00	32800.00	50.00	21.11	25.83	0.00	38.34	44.56	0.00	4866.75	1889.29	0.00	2977.46
328+50	32850.00	50.00	32.32	2.40	0.00	49.47	26.14	0.00	4916.22	1915.43	0.00	3000.80
329+00	32900.00	50.00	22.41	21.85	0.00	50.68	22.45	0.00	4966.90	1937.88	0.00	3029.02
329+50	32950.00	50.00	26.94	34.26	0.00	45.69	51.95	0.00	5012.59	1989.84	0.00	3022.76
330+00	33000.00	50.00	28.10	33.43	0.00	50.96	62.68	0.00	5063.56	2052.51	0.00	3011.05
330+50	33050.00	50.00	40.52	40.26	0.00	63.54	68.23	0.00	5127.09	2120.74	0.00	3006.35
331+00	33100.00	50.00	42.24	42.62	0.00	76.63	76.74	0.00	5203.72	2197.48	0.00	3006.24
331+50	33150.00	50.00	45.78	45.44	0.00	81.50	81.54	0.00	5285.22	2279.02	0.00	3006.20
332+00	33200.00	50.00	47.12	43.92	0.00	86.02	82.74	0.00	5371.24	2361.76	0.00	3009.48
332+50	33250.00	50.00	41.14	36.65	0.00	81.72	74.60	0.00	5452.96	2436.36	0.00	3016.60
333+00	33300.00	50.00	32.57	20.26	0.00	68.25	52.69	0.00	5521.21	2489.06	0.00	3032.16
333+50	33350.00	50.00	26.99	23.44	0.00	55.15	40.46	0.00	5576.36	2529.52	0.00	3046.84
334+00	33400.00	50.00	24.84	24.58	0.00	47.99	44.46	0.00	5624.35	2573.98	0.00	3050.37
334+50	33450.00	50.00	21.48	29.64	0.00	42.89	50.20	0.00	5667.24	2624.19	0.00	3043.05
335+00	33500.00	50.00	19.78	32.76	0.00	38.20	57.78	0.00	5705.45	2681.97	0.00	3023.48
335+50	33550.00	50.00	21.83	36.77	0.00	38.53	64.38	0.00	5743.97	2746.35	0.00	2997.63
336+00	33600.00	50.00	28.37	32.04	0.00	46.48	63.71	0.00	5790.46	2810.06	0.00	2980.40
336+50	33650.00	50.00	23.19	39.99	0.00	47.74	66.69	0.00	5838.20	2876.75	0.00	2961.44
337+00	33700.00	50.00	22.02	40.23	0.00	41.86	74.28	0.00	5880.06	2951.03	0.00	2929.03
337+50	33750.00	50.00	20.65	33.79	0.00	39.51	68.54	0.00	5919.57	3019.57	0.00	2900.00
338+00	33800.00	50.00	18.42	26.67	0.00	36.18	55.98	0.00	5955.74	3075.55	0.00	2880.19
338+50	33850.00	50.00	15.76	19.36	0.00	31.65	42.62	0.00	5987.39	3118.17	0.00	2869.22
339+00	33900.00	50.00	8.30	3.43	0.00	22.28	21.10	0.00	6009.67	3139.27	0.00	2870.40
339+50	33950.00	50.00	6.10	0.01	0.00	13.33	3.19	0.00	6023.00	3142.46	0.00	2880.55
339+52 BK	33992.00	42.00	4.57	0.00	0.00	8.30	0.01	0.00	6031.30	3142.46	0.00	2888.84
			Column totals			6186.09	3293.06	0.00				

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Revised Sheet 863  
February 4, 2020

Division 2. RAMP NW

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate	
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS		
864+09 AH	86409.00	0.00	129.78	80.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
864+50	86450.00	41.00	114.37	87.58	0.00	185.37	127.40	0.00	185.37	127.40	0.00	57.98	
865+00	86500.00	50.00	116.01	153.37	0.00	213.31	223.10	0.00	398.69	350.50	0.00	48.19	
865+50	86550.00	50.00	111.61	66.11	0.00	210.76	203.22	0.00	609.45	553.72	0.00	55.73	
866+00	86600.00	50.00	194.63	73.34	0.00	283.56	129.12	0.00	893.00	682.84	0.00	210.16	
866+50	86650.00	50.00	174.75	18.54	0.00	342.02	85.07	0.00	1235.02	767.91	0.00	467.11	
867+00	86700.00	50.00	155.92	25.03	0.00	306.18	40.34	0.00	1541.20	808.26	0.00	732.94	
867+50	86750.00	50.00	143.13	45.11	0.00	276.90	64.94	0.00	1818.10	873.20	0.00	944.89	
868+00	86800.00	50.00	155.74	37.38	0.00	276.73	76.38	0.00	2094.83	949.58	0.00	1145.25	
868+50	86850.00	50.00	264.04	9.95	0.00	388.69	43.82	0.00	2483.51	993.41	0.00	1490.11	
869+00	86900.00	50.00	85.83	0.20	0.00	323.95	9.40	0.00	2807.47	1002.80	0.00	1804.66	
869+50	86950.00	50.00	84.88	0.01	0.00	158.06	0.19	0.00	2965.53	1003.00	0.00	1962.53	
870+00	87000.00	50.00	75.30	0.00	0.00	148.31	0.01	0.00	3113.85	1003.01	0.00	2110.84	
870+50	87050.00	50.00	80.35	0.01	0.00	144.12	0.01	0.00	3257.97	1003.02	0.00	2254.95	
871+00	87100.00	50.00	78.54	0.00	0.00	147.12	0.01	0.00	3405.09	1003.03	0.00	2402.06	
871+50	87150.00	50.00	91.89	0.02	0.00	157.81	0.02	0.00	3562.89	1003.04	0.00	2559.85	
872+00	87200.00	50.00	71.48	0.00	0.00	151.27	0.00	0.00	3714.16	1003.06	0.00	2711.10	
872+50	87250.00	50.00	52.09	0.00	0.00	114.42	0.00	0.00	3828.58	1003.06	0.00	2825.51	
873+00	87300.00	50.00	39.28	0.00	0.00	84.60	0.00	0.00	3913.18	1003.06	0.00	2910.12	
873+50	87350.00	50.00	41.64	0.00	0.00	74.93	0.00	0.00	3988.10	1003.06	0.00	2985.04	
873+56 BK	87356.00	6.00	39.51	0.00	0.00	9.02	0.00	0.00	3997.12	1003.06	0.00	2994.06	
Column totals						3997.12	1003.06	0.00					

Division 2. RAMP SE

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate	
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS		
855+90 AH	85590.00	0.00	62.21	4.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
856+00	85600.00	10.00	61.62	7.11	0.00	22.93	2.22	0.00	22.93	2.22	0.00	20.71	
856+50	85650.00	50.00	65.15	8.89	0.00	117.38	14.81	0.00	140.31	17.04	0.00	123.27	
857+00	85700.00	50.00	89.85	0.61	0.00	143.52	8.80	0.00	283.83	25.83	0.00	258.00	
857+50	85750.00	50.00	117.72	0.00	0.00	192.19	0.56	0.00	476.02	26.40	0.00	449.63	
858+00	85800.00	50.00	134.28	0.00	0.00	233.33	0.00	0.00	709.36	26.40	0.00	682.96	
858+50	85850.00	50.00	164.08	0.00	0.00	276.26	0.00	0.00	985.62	26.40	0.00	959.22	
859+00	85900.00	50.00	225.36	0.00	0.00	360.59	0.00	0.00	1346.21	26.40	0.00	1319.81	
859+50	85950.00	50.00	296.54	0.00	0.00	483.24	0.00	0.00	1829.45	26.40	0.00	1803.05	
860+00	86000.00	50.00	382.43	0.00	0.00	628.68	0.00	0.00	2458.13	26.40	0.00	2431.73	
860+50 BK	86050.00	50.00	374.36	0.00	0.00	700.73	0.00	0.00	3158.86	26.40	0.00	3132.46	
Column totals						3158.86	26.40	0.00					

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Division 2 RAMP SW

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
858+57 AH	85857.00	0.00	167.53	5.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
859+00	85900.00	43.00	127.53	131.25	0.00	234.96	108.65	234.96	108.65	0.00	234.96	126.31
859+50	85950.00	50.00	144.76	83.81	0.00	252.12	199.13	487.08	307.78	0.00	487.08	179.30
860+00	86000.00	50.00	170.10	34.72	0.00	291.54	109.75	778.61	417.53	0.00	778.61	361.09
860+50	86050.00	50.00	194.20	8.26	0.00	337.31	39.80	1115.93	457.32	0.00	1115.93	658.60
861+00	86100.00	50.00	227.59	5.52	0.00	390.55	12.76	1506.47	470.08	0.00	1506.47	1036.39
861+50	86150.00	50.00	263.77	20.79	0.00	454.96	24.36	1961.44	494.44	0.00	1961.44	1466.99
862+00	86200.00	50.00	391.05	0.30	0.00	606.31	19.53	2567.75	513.97	0.00	2567.75	2053.78
862+03 BK	86203.33	3.33	403.78	0.27	0.00	49.01	0.04	2616.77	514.01	0.00	2616.77	2102.76
Column totals			2616.77	514.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Division 2 RAMP NE

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
862+11 AH	86210.85	0.00	473.37	70.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
862+50	86250.00	39.15	356.44	47.33	0.00	601.61	85.59	601.61	85.59	0.00	601.61	516.03
863+00	86300.00	50.00	318.14	54.25	0.00	624.61	94.06	1226.22	179.64	0.00	1226.22	1046.58
863+50	86350.00	50.00	410.91	2.91	0.00	675.05	52.93	1901.27	232.57	0.00	1901.27	1668.70
864+00	86400.00	50.00	399.22	9.24	0.00	750.12	11.25	2651.39	243.82	0.00	2651.39	2407.57
864+50	86450.00	50.00	362.04	38.22	0.00	704.87	43.94	3356.26	287.76	0.00	3356.26	3068.50
865+00	86500.00	50.00	293.95	61.16	0.00	607.40	92.02	3963.66	379.78	0.00	3963.66	3583.88
865+50	86550.00	50.00	246.23	110.78	0.00	500.17	159.20	4463.83	538.98	0.00	4463.83	3924.84
866+00	86600.00	50.00	251.95	29.46	0.00	461.28	129.85	4925.10	668.84	0.00	4925.10	4256.27
866+50	86650.00	50.00	238.74	42.86	0.00	454.34	66.96	5379.45	735.80	0.00	5379.45	4643.65
867+00 BK	86699.60	49.60	173.73	26.15	0.00	378.86	63.39	5758.31	799.19	0.00	5758.31	4959.12
Column totals			5758.31	799.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Division 2 WEST FRONTAGE ROAD			AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
STATION	Real Station	Distance	Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	Mass Ordinate
2857+00 AH	285700.40	0.00	98.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2857+50	285750.00	49.60	90.61	0.00	0.00	173.58	0.00	0.00	173.58	0.00	0.00	173.58	0.00	0.00	173.58
2858+00	285800.00	50.00	82.44	28.08	0.00	160.23	26.00	0.00	333.81	26.00	0.00	333.81	26.00	0.00	307.81
2858+50	285850.00	50.00	75.13	38.59	0.00	145.90	61.73	0.00	479.71	61.73	0.00	479.71	61.73	0.00	391.98
2859+00	285900.00	50.00	157.17	0.00	0.00	215.09	35.73	0.00	694.80	123.46	0.00	694.80	123.46	0.00	571.34
2859+50	285950.00	50.00	115.85	21.93	0.00	252.80	20.31	0.00	947.60	143.77	0.00	947.60	143.77	0.00	803.83
2860+00	286000.00	50.00	92.78	1.50	0.00	193.18	21.69	0.00	1140.78	165.46	0.00	1140.78	165.46	0.00	975.31
2860+50	286050.00	50.00	173.17	16.37	0.00	246.25	16.55	0.00	1387.03	182.01	0.00	1387.03	182.01	0.00	1205.02
2861+00	286100.00	50.00	93.35	12.65	0.00	246.78	26.87	0.00	1633.80	208.88	0.00	1633.80	208.88	0.00	1424.92
2861+50	286150.00	50.00	111.38	10.01	0.00	189.56	20.98	0.00	1823.37	229.86	0.00	1823.37	229.86	0.00	1593.51
2862+00	286200.00	50.00	135.11	0.00	0.00	228.23	9.27	0.00	2051.60	239.13	0.00	2051.60	239.13	0.00	1812.47
2862+50	286250.00	50.00	164.22	1.54	0.00	277.16	1.43	0.00	2328.76	240.56	0.00	2328.76	240.56	0.00	2088.20
2863+00	286300.00	50.00	177.37	0.00	0.00	316.29	1.43	0.00	2645.04	241.98	0.00	2645.04	241.98	0.00	2403.06
2863+50	286350.00	50.00	226.57	0.00	0.00	374.02	0.00	0.00	3019.06	241.98	0.00	3019.06	241.98	0.00	2777.08
2864+00	286400.00	50.00	274.71	0.00	0.00	464.15	0.00	0.00	3483.21	241.98	0.00	3483.21	241.98	0.00	3241.23
2864+30 BK	286430.00	30.00	560.72	0.00	0.00	464.13	0.00	0.00	3947.34	241.98	0.00	3947.34	241.98	0.00	3705.36
4865+20 AH	486520.00	0.00	181.61	24.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3705.36
4865+50	486550.00	30.00	44.16	24.20	0.00	125.43	26.91	0.00	125.43	26.91	0.00	125.43	26.91	0.00	3803.87
4866+00	486600.00	50.00	28.98	48.90	0.00	67.72	67.69	0.00	193.15	94.60	0.00	193.15	94.60	0.00	3803.91
4866+50	486650.00	50.00	67.59	0.00	0.00	89.42	45.28	0.00	282.57	139.87	0.00	282.57	139.87	0.00	3848.05
4867+00	486700.00	50.00	70.60	25.42	0.00	127.95	23.54	0.00	410.52	163.41	0.00	410.52	163.41	0.00	3952.47
4867+50	486750.00	50.00	112.94	0.00	0.00	169.94	23.54	0.00	580.46	186.95	0.00	580.46	186.95	0.00	4098.87
4868+00 BK	486799.55	49.55	88.52	36.62	0.00	184.86	33.60	0.00	765.32	220.55	0.00	765.32	220.55	0.00	4250.13
			Column totals				4712.66	462.53	0.00						

PROJECT NO: 1033-02-71/76  
FILE NAME: S:\P\RoadDesign\2010302271\_URoads\cd080101\_low.ppt

HWY: IH 94/STH 20

COUNTY: RACINE

EARTHWORK

PLOT DATE: 2/1/2020 10:10:59 PM

PLOT BY: MSCDIS

PLOT NAME: 090101\_en11

PLOT SCALE: 1:1

SHEET: 865

E

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 866  
 February 4, 2020

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STATION		Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
				Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
3852+25	AH	385225.40	0.00	90.59	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3852+50		385250.00	24.60	85.91	2.09	0.00	80.41	2.20	0.00	80.41	2.20	0.00	78.20
3853+00		385300.00	50.00	77.32	3.30	0.00	151.14	4.99	0.00	231.54	7.20	0.00	224.35
3853+50		385350.00	50.00	74.01	3.54	0.00	140.12	6.33	0.00	371.66	13.53	0.00	358.14
3854+00		385400.00	50.00	78.20	2.04	0.00	140.94	5.17	0.00	512.60	18.70	0.00	493.90
3854+50		385450.00	50.00	87.32	0.00	0.00	153.26	1.89	0.00	665.86	20.58	0.00	645.27
3855+00		385500.00	50.00	92.21	0.00	0.00	166.23	0.00	0.00	832.09	20.58	0.00	811.51
3855+50		385550.00	50.00	135.88	0.00	0.00	211.19	0.00	0.00	1043.29	20.58	0.00	1022.70
3856+00		385600.00	50.00	124.39	1.24	0.00	240.99	1.15	0.00	1284.28	21.73	0.00	1262.54
3856+50		385650.00	50.00	159.54	0.00	0.00	262.90	1.15	0.00	1547.17	22.88	0.00	1524.29
3857+00		385700.00	50.00	168.10	0.00	0.00	303.37	0.00	0.00	1850.54	22.88	0.00	1827.66
3857+50		385750.00	50.00	188.07	0.00	0.00	329.79	0.00	0.00	2180.33	22.88	0.00	2157.45
3858+00		385800.00	50.00	0.00	0.00	0.00	174.14	0.00	0.00	2354.47	22.88	0.00	2331.59
3858+10	BK	385810.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	2354.47	22.88	0.00	2331.59
5859+96	AH	585996.00	0.00	483.87	57.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2331.59
5860+00		586000.00	4.00	460.95	59.37	0.00	69.99	8.65	0.00	69.99	8.65	0.00	2392.92
5860+50		586050.00	50.00	138.91	9.88	0.00	555.43	64.12	0.00	625.41	72.78	0.00	2884.23
5861+00		586100.00	50.00	136.00	1.39	0.00	254.55	10.44	0.00	879.96	83.21	0.00	3128.34
5861+50		586150.00	50.00	138.53	0.00	0.00	254.19	1.29	0.00	1134.15	84.50	0.00	3381.25
5862+00		586200.00	50.00	171.49	0.00	0.00	287.06	0.00	0.00	1421.21	84.50	0.00	3668.30
5862+50		586250.00	50.00	152.43	0.00	0.00	299.93	0.00	0.00	1721.13	84.50	0.00	3968.23
5863+00		586300.00	50.00	184.55	3.60	0.00	312.02	3.33	0.00	2033.15	87.83	0.00	4276.91
5863+14	BK	586314.00	14.00	175.01	7.66	0.00	93.22	2.92	0.00	2126.37	90.75	0.00	4367.21
				Column totals			4480.84	113.63	0.00				

**Division 2 TEMPORARY CROSSOVER**

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
265+50 AH	26550.00	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
266+00	26600.00	50.00	14.12	0.00	0.00	15.16	0.00	0.00	15.16	0.00	0.00	15.16
266+50	26650.00	50.00	17.21	0.26	0.00	29.01	0.24	0.00	44.17	0.24	0.00	43.93
267+00	26700.00	50.00	17.44	0.29	0.00	32.08	0.51	0.00	76.25	0.75	0.00	75.50
267+50	26750.00	50.00	11.76	3.15	0.00	27.04	3.19	0.00	103.29	3.94	0.00	99.35
268+00	26800.00	50.00	11.84	1.31	0.00	21.85	4.13	0.00	125.14	8.06	0.00	117.07
268+50	26850.00	50.00	8.92	2.12	0.00	19.22	3.18	0.00	144.36	11.24	0.00	133.12
269+00	26900.00	50.00	6.94	2.59	0.00	14.69	4.36	0.00	159.05	15.60	0.00	143.44
269+50	26950.00	50.00	5.42	3.20	0.00	11.44	5.36	0.00	170.49	20.96	0.00	149.53
270+00	27000.00	50.00	4.62	3.19	0.00	9.30	5.92	0.00	179.79	26.88	0.00	152.91
270+50 BK	27050.00	50.00	3.85	2.15	0.00	7.84	4.94	0.00	187.63	31.82	0.00	155.81
			Column totals			187.63	31.82	0.00				

Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 867A  
February 4, 2020



(CONTINUED)

Division 3 STH 20

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
304+50	30450.00	50.00	204.81	0.00	0.00	351.69	0.00	0.00	32952.34	2482.56	0.00	30469.78
305+00	30500.00	50.00	196.05	29.77	0.00	371.17	0.00	0.00	33233.51	2510.12	0.00	30813.38
305+50	30550.00	50.00	181.89	0.00	0.00	349.94	27.56	0.00	33673.45	2537.69	0.00	31135.76
306+00	30600.00	50.00	180.67	0.00	0.00	335.70	0.00	0.00	34009.15	2537.69	0.00	31471.47
306+50	30650.00	50.00	184.15	0.90	0.00	337.80	0.83	0.00	34346.95	2538.52	0.00	31808.43
307+00	30700.00	50.00	170.47	0.00	0.00	328.35	0.83	0.00	34675.30	2539.35	0.00	32135.95
307+50	30750.00	50.00	156.93	0.00	0.00	303.15	0.00	0.00	34978.45	2539.35	0.00	32439.10
308+00	30800.00	50.00	148.01	66.49	0.00	282.35	61.56	0.00	35260.80	2600.92	0.00	32659.88
308+50	30850.00	50.00	149.35	82.74	0.00	275.33	138.18	0.00	35536.14	2739.09	0.00	32797.04
309+00	30900.00	50.00	176.24	91.73	0.00	301.47	161.55	0.00	35837.61	2900.64	0.00	32936.97
309+50	30950.00	50.00	210.15	105.45	0.00	357.77	182.57	0.00	36195.38	3083.21	0.00	33112.16
310+00	31000.00	50.00	202.67	76.09	0.00	382.24	168.09	0.00	36577.62	3251.31	0.00	33326.31
310+50	31050.00	50.00	178.85	102.99	0.00	353.26	165.81	0.00	36930.88	3417.12	0.00	33513.75
311+00	31100.00	50.00	147.37	117.13	0.00	302.06	203.81	0.00	37232.93	3620.94	0.00	33612.00
311+50	31150.00	50.00	116.48	130.61	0.00	244.31	229.39	0.00	37477.24	3850.33	0.00	33626.91
312+00	31200.00	50.00	85.14	179.39	0.00	186.69	287.04	0.00	37663.92	4137.36	0.00	33526.56
312+50	31250.00	50.00	33.16	195.30	0.00	109.54	346.94	0.00	37773.46	4484.30	0.00	33289.16
313+00	31300.00	50.00	169.63	129.16	0.00	187.77	300.43	0.00	37961.23	4784.72	0.00	33176.50
313+50	31350.00	50.00	230.36	45.43	0.00	370.36	161.66	0.00	38331.59	4946.38	0.00	33385.21
314+00	31400.00	50.00	133.87	83.63	0.00	337.25	119.50	0.00	38668.84	5065.88	0.00	33602.96
314+50	31450.00	50.00	116.07	0.00	0.00	231.43	77.44	0.00	38900.26	5143.32	0.00	33756.95
315+00	31500.00	50.00	76.72	39.73	0.00	178.51	36.79	0.00	39078.77	5180.10	0.00	33898.67
315+50	31550.00	50.00	160.82	14.09	0.00	219.94	49.83	0.00	39298.72	5229.94	0.00	34068.78
316+00	31600.00	50.00	166.55	22.55	0.00	303.12	33.93	0.00	39601.84	5263.86	0.00	34337.98
316+50	31650.00	50.00	163.59	64.70	0.00	305.69	80.79	0.00	39907.52	5344.65	0.00	34562.87
317+00	31700.00	50.00	170.38	20.49	0.00	309.23	78.88	0.00	40216.76	5423.53	0.00	34793.23
317+50	31750.00	50.00	201.31	0.00	0.00	344.16	18.97	0.00	40560.91	5442.50	0.00	35118.41
318+00	31800.00	50.00	264.80	42.47	0.00	431.58	39.32	0.00	40992.50	5481.83	0.00	35510.67
318+50	31850.00	50.00	224.03	152.36	0.00	452.62	180.40	0.00	41445.12	5662.22	0.00	35782.89
319+00	31900.00	50.00	168.95	58.08	0.00	363.87	194.85	0.00	41808.99	5857.08	0.00	35951.91
319+50	31950.00	50.00	346.74	66.08	0.00	477.49	114.96	0.00	42286.48	5972.04	0.00	36314.44
320+00	32000.00	50.00	215.54	124.22	0.00	520.63	176.20	0.00	42807.11	6148.24	0.00	36658.87
320+50	32050.00	50.00	210.77	38.71	0.00	394.73	150.86	0.00	43201.84	6299.10	0.00	36902.74
321+00	32100.00	50.00	207.31	31.19	0.00	387.11	64.72	0.00	43588.95	6363.83	0.00	37225.12
321+50	32150.00	50.00	145.15	2.28	0.00	326.35	30.99	0.00	43915.30	6394.82	0.00	37520.49
322+00	32200.00	50.00	65.32	0.00	0.00	194.88	2.11	0.00	44110.18	6396.93	0.00	37713.25
322+50	32250.00	50.00	30.61	0.00	0.00	88.82	0.00	0.00	44199.01	6396.93	0.00	37802.08
323+00	32300.00	50.00	124.80	5.63	0.00	143.90	5.21	0.00	44342.90	6402.14	0.00	37940.76
323+50	32350.00	50.00	146.88	0.00	0.00	251.56	5.21	0.00	44594.46	6407.35	0.00	38187.11
324+00	32400.00	50.00	31.80	0.11	0.00	165.44	0.10	0.00	44759.90	6407.45	0.00	38352.45
324+50	32450.00	50.00	28.99	0.61	0.00	56.29	0.67	0.00	44816.19	6408.12	0.00	38408.07
325+00	32500.00	50.00	376.81	14.79	0.00	375.74	14.26	0.00	45191.93	6422.38	0.00	38769.55
325+50	32550.00	50.00	136.78	2.27	0.00	475.55	15.80	0.00	45667.48	6438.18	0.00	39229.30
326+00	32600.00	50.00	106.36	0.20	0.00	225.13	2.29	0.00	45892.61	6440.46	0.00	39452.14

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 870  
 February 4, 2020

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(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 3 STH 20

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
326+50	32650.00	50.00	41.48	1.63	0.00	136.89	1.69	0.00	46029.50	6442.16	0.00	39587.34
327+00	32700.00	50.00	34.34	14.50	0.00	70.20	14.94	0.00	46099.70	6457.09	0.00	39642.61
327+50	32750.00	50.00	36.01	12.17	0.00	65.14	24.69	0.00	46164.84	6481.79	0.00	39683.05
328+00	32800.00	50.00	37.08	0.00	0.00	67.68	11.27	0.00	46232.51	6493.06	0.00	39739.46
328+50	32850.00	50.00	67.72	0.13	0.00	97.04	0.12	0.00	46329.55	6493.18	0.00	39836.37
329+00	32900.00	50.00	63.20	0.66	0.00	121.22	0.73	0.00	46450.77	6493.91	0.00	39956.87
329+50	32950.00	50.00	137.34	0.00	0.00	185.69	0.61	0.00	46636.46	6494.52	0.00	40141.94
330+00	33000.00	50.00	130.47	3.11	0.00	247.97	2.88	0.00	46884.43	6497.40	0.00	40387.03
330+50	33050.00	50.00	37.03	2.22	0.00	155.09	4.94	0.00	47039.52	6502.33	0.00	40537.19
331+00	33100.00	50.00	46.65	0.61	0.00	77.48	2.62	0.00	47117.01	6504.95	0.00	40612.05
331+50	33150.00	50.00	47.36	1.15	0.00	87.05	1.63	0.00	47204.05	6506.58	0.00	40697.47
332+00	33200.00	50.00	32.57	0.22	0.00	74.01	1.27	0.00	47278.06	6507.85	0.00	40770.21
332+50	33250.00	50.00	19.07	3.51	0.00	47.81	3.45	0.00	47325.88	6511.31	0.00	40814.57
333+00	33300.00	50.00	13.86	8.79	0.00	30.49	11.39	0.00	47356.37	6522.70	0.00	40833.67
333+50	33350.00	50.00	12.50	4.44	0.00	24.41	12.25	0.00	47380.77	6534.95	0.00	40845.83
334+00	33400.00	50.00	10.37	4.38	0.00	21.18	8.17	0.00	47401.95	6543.11	0.00	40858.84
334+50	33450.00	50.00	2.91	0.00	0.00	12.30	4.06	0.00	47414.25	6547.17	0.00	40867.08
335+00	33500.00	50.00	0.01	3.71	0.00	2.70	3.44	0.00	47416.95	6550.60	0.00	40866.35
335+50	33550.00	50.00	10.64	9.35	0.00	9.86	12.09	0.00	47426.81	6562.70	0.00	40864.12
336+00	33600.00	50.00	17.46	5.74	0.00	26.02	13.97	0.00	47452.83	6576.67	0.00	40876.16
336+30 BK	33630.00	30.00	8.02	2.44	0.00	14.16	4.54	0.00	47466.99	6581.21	0.00	40885.77
Column totals						47466.99	6581.21	0.00				

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Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 871  
February 4, 2020

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 872  
 February 4, 2020

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Division 3 RAMP NW

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
864+09 AH	86409.00	0.00	103.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
864+50	86450.00	41.00	91.50	0.00	0.00	148.30	0.00	0.00	148.30	0.00	0.00	148.30
865+00	86500.00	50.00	92.81	0.00	0.00	170.65	0.00	0.00	318.95	0.00	0.00	318.95
865+50	86550.00	50.00	89.29	0.00	0.00	168.61	0.00	0.00	487.56	0.00	0.00	487.56
866+00	86600.00	50.00	155.70	0.00	0.00	226.84	0.00	0.00	714.40	0.00	0.00	714.40
866+50	86650.00	50.00	139.80	0.00	0.00	273.61	0.00	0.00	988.02	0.00	0.00	988.02
867+00	86700.00	50.00	77.96	0.00	0.00	201.63	0.00	0.00	1189.65	0.00	0.00	1189.65
867+50	86750.00	50.00	71.57	0.00	0.00	138.45	0.00	0.00	1328.10	0.00	0.00	1328.10
868+00	86800.00	50.00	77.87	0.00	0.00	138.37	0.00	0.00	1466.46	0.00	0.00	1466.46
868+50	86850.00	50.00	132.02	0.00	0.00	194.34	0.00	0.00	1660.80	0.00	0.00	1660.80
869+00	86900.00	50.00	42.92	0.20	0.00	161.98	0.19	0.00	1822.78	0.19	0.00	1822.60
869+50	86950.00	50.00	84.88	0.01	0.00	118.33	0.19	0.00	1941.11	0.38	0.00	1940.73
870+00	87000.00	50.00	75.30	0.00	0.00	148.31	0.01	0.00	2089.42	0.39	0.00	2089.04
870+50	87050.00	50.00	80.35	0.01	0.00	144.12	0.01	0.00	2233.54	0.40	0.00	2233.15
871+00	87100.00	50.00	78.54	0.00	0.00	147.12	0.01	0.00	2380.67	0.41	0.00	2380.26
871+50	87150.00	50.00	91.89	0.02	0.00	157.81	0.02	0.00	2538.47	0.43	0.00	2538.04
872+00	87200.00	50.00	71.48	0.00	0.00	151.27	0.02	0.00	2689.74	0.44	0.00	2689.29
872+50	87250.00	50.00	52.09	0.00	0.00	114.42	0.00	0.00	2804.16	0.44	0.00	2803.71
873+00	87300.00	50.00	39.28	0.00	0.00	84.60	0.00	0.00	2888.76	0.44	0.00	2888.31
873+50	87350.00	50.00	41.64	0.00	0.00	74.93	0.00	0.00	2963.68	0.44	0.00	2963.24
873+56 BK	87356.00	6.00	39.51	0.00	0.00	9.02	0.00	0.00	2972.70	0.44	0.00	2972.26
Column totals						2972.70	0.44	0.00				

Division 3 RAMP SE

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
855+90 AH	85590.00	0.00	60.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
856+00	85600.00	10.00	64.47	0.00	0.00	23.15	0.00	0.00	23.15	0.00	0.00	23.15
856+50	85650.00	50.00	88.86	0.00	0.00	141.97	0.00	0.00	165.12	0.00	0.00	165.12
857+00	85700.00	50.00	117.14	0.00	0.00	190.74	0.00	0.00	355.86	0.00	0.00	355.86
857+50	85750.00	50.00	128.93	0.00	0.00	227.84	0.00	0.00	583.71	0.00	0.00	583.71
858+00	85800.00	50.00	160.71	0.00	0.00	268.19	0.00	0.00	851.89	0.00	0.00	851.89
858+50	85850.00	50.00	189.22	0.00	0.00	324.01	0.00	0.00	1175.90	0.00	0.00	1175.90
859+00	85900.00	50.00	219.90	0.00	0.00	378.81	0.00	0.00	1554.71	0.00	0.00	1554.71
859+50	85950.00	50.00	217.42	0.00	0.00	404.93	0.00	0.00	1959.64	0.00	0.00	1959.64
860+00	86000.00	50.00	186.41	0.00	0.00	373.92	0.00	0.00	2333.56	0.00	0.00	2333.56
860+50 BK	86050.00	50.00	259.17	0.00	0.00	412.57	0.00	0.00	2746.13	0.00	0.00	2746.13
Column totals						2746.13	0.00	0.00				

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Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 873  
February 4, 2020

1

Division 3 WEST FRONTAGE ROAD			AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
STATION	Real Station	Distance	Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	Mass Ordinate	
2857+00 AH	285700.40	0.00	76.62	11.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2857+50	285750.00	49.60	48.06	40.65	0.00	114.52	47.46	0.00	114.52	47.46	0.00	114.52	47.46	0.00	67.06	
2858+00	285800.00	50.00	51.72	37.51	0.00	92.39	72.37	0.00	206.91	119.83	0.00	206.91	119.83	0.00	87.08	
2858+50	285850.00	50.00	68.69	22.24	0.00	111.49	55.32	0.00	318.40	175.15	0.00	318.40	175.15	0.00	143.25	
2859+00	285900.00	50.00	61.39	27.19	0.00	120.44	45.77	0.00	438.84	220.92	0.00	438.84	220.92	0.00	217.92	
2859+50	285950.00	50.00	67.32	18.13	0.00	119.18	41.96	0.00	558.02	262.89	0.00	558.02	262.89	0.00	295.14	
2860+00	286000.00	50.00	68.73	15.01	0.00	125.97	30.69	0.00	683.99	293.57	0.00	683.99	293.57	0.00	390.42	
2860+50	286050.00	50.00	71.71	16.37	0.00	130.04	29.06	0.00	814.03	322.63	0.00	814.03	322.63	0.00	491.40	
2861+00	286100.00	50.00	84.91	4.77	0.00	145.02	19.57	0.00	959.05	342.20	0.00	959.05	342.20	0.00	616.85	
2861+50	286150.00	50.00	80.52	21.52	0.00	153.18	24.34	0.00	1112.22	366.54	0.00	1112.22	366.54	0.00	745.68	
2862+00	286200.00	50.00	115.66	20.61	0.00	181.65	39.01	0.00	1293.87	405.55	0.00	1293.87	405.55	0.00	888.32	
2862+50	286250.00	50.00	119.88	15.54	0.00	218.09	33.47	0.00	1511.97	439.02	0.00	1511.97	439.02	0.00	1072.94	
2863+00	286300.00	50.00	130.38	7.08	0.00	231.72	20.94	0.00	1743.69	459.97	0.00	1743.69	459.97	0.00	1283.72	
2863+50	286350.00	50.00	170.46	0.54	0.00	278.56	7.06	0.00	2022.24	467.02	0.00	2022.24	467.02	0.00	1555.22	
2864+00	286400.00	50.00	318.57	0.15	0.00	452.81	0.64	0.00	2475.05	467.66	0.00	2475.05	467.66	0.00	2007.39	
2864+30 BK	286430.00	30.00	0.00	46.47	0.00	176.98	25.90	0.00	2652.03	493.56	0.00	2652.03	493.56	0.00	2158.47	
4865+20 AH	486520.00	0.00	0.00	87.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2158.47	
4865+50	486550.00	30.00	93.85	27.20	0.00	52.14	63.64	0.00	52.14	63.64	0.00	52.14	63.64	0.00	2146.97	
4866+00	486600.00	50.00	87.67	18.99	0.00	168.07	42.77	0.00	220.21	106.41	0.00	220.21	106.41	0.00	2272.27	
4866+50	486650.00	50.00	117.35	6.61	0.00	189.83	23.70	0.00	410.05	130.11	0.00	410.05	130.11	0.00	2438.40	
4867+00	486700.00	50.00	118.10	2.66	0.00	218.01	8.58	0.00	628.06	138.69	0.00	628.06	138.69	0.00	2647.83	
4867+50	486750.00	50.00	102.65	3.13	0.00	204.40	5.36	0.00	832.45	144.06	0.00	832.45	144.06	0.00	2846.87	
4868+00 BK	486799.55	49.55	104.82	7.49	0.00	190.37	9.74	0.00	1022.83	153.80	0.00	1022.83	153.80	0.00	3027.49	
Column totals																
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Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 874  
February 4, 2020

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Division 3 EAST FRONTAGE ROAD				AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
STATION	Real Station	Distance	Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	Mass Ordinate	
3852+25 AH	385225.40	0.00	150.66	10.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3852+50	385250.00	24.60	160.96	2.35	0.00	141.96	5.87	0.00	141.96	5.87	0.00	136.09	
3853+00	385300.00	50.00	155.03	0.00	0.00	292.58	2.18	0.00	434.54	8.05	0.00	426.50	
3853+50	385350.00	50.00	143.84	0.00	0.00	276.73	0.00	0.00	711.28	8.05	0.00	703.23	
3854+00	385400.00	50.00	159.89	0.00	0.00	281.23	0.00	0.00	992.51	8.05	0.00	984.46	
3854+50	385450.00	50.00	163.50	0.00	0.00	299.44	0.00	0.00	1291.94	8.05	0.00	1283.89	
3855+00	385500.00	50.00	161.58	1.37	0.00	301.00	1.27	0.00	1592.94	9.32	0.00	1583.63	
3855+50	385550.00	50.00	138.24	2.39	0.00	277.61	3.48	0.00	1870.55	12.80	0.00	1857.75	
3856+00	385600.00	50.00	145.64	0.00	0.00	262.85	2.21	0.00	2133.40	15.01	0.00	2118.39	
3856+50	385650.00	50.00	157.60	0.23	0.00	280.78	0.21	0.00	2414.18	15.22	0.00	2398.96	
3857+00	385700.00	50.00	180.45	3.61	0.00	313.01	3.56	0.00	2727.19	18.78	0.00	2708.41	
3857+50	385750.00	50.00	186.52	8.40	0.00	339.79	11.12	0.00	3066.98	29.90	0.00	3037.08	
3858+00	385800.00	50.00	595.34	37.24	0.00	723.94	42.26	0.00	3790.92	72.16	0.00	3718.76	
3858+10 BK	385810.00	10.00	625.61	95.62	0.00	226.10	24.60	0.00	4017.03	96.76	0.00	3920.26	
5859+96 AH	585996.00	0.00	0.00	26.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3920.26	
5860+00	586000.00	4.00	0.00	16.71	0.00	0.00	3.23	0.00	0.00	3.23	0.00	3917.03	
5860+50	586050.00	50.00	209.78	2.98	0.00	194.24	18.23	0.00	194.24	21.47	0.00	4093.04	
5861+00	586100.00	50.00	221.69	8.12	0.00	399.51	10.28	0.00	593.75	31.74	0.00	4482.27	
5861+50	586150.00	50.00	213.37	6.48	0.00	402.83	13.52	0.00	996.58	45.26	0.00	4871.58	
5862+00	586200.00	50.00	170.87	2.34	0.00	355.78	8.17	0.00	1352.36	53.43	0.00	5219.19	
5862+50	586250.00	50.00	160.09	1.43	0.00	306.44	3.49	0.00	1658.81	56.92	0.00	5522.15	
5863+00	586300.00	50.00	98.40	8.84	0.00	239.34	9.51	0.00	1898.15	66.43	0.00	5751.98	
5863+14 BK	586314.00	14.00	105.82	1.61	0.00	52.95	2.71	0.00	1951.09	69.14	0.00	5802.22	
					Column totals	5968.12	165.90	0.00					

SHEET: 874

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PLOT SCALE: 1:1

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COUNTY: RACINE

HWY: IH 94/STH 20

PROJECT NO: 1033-02-71/76

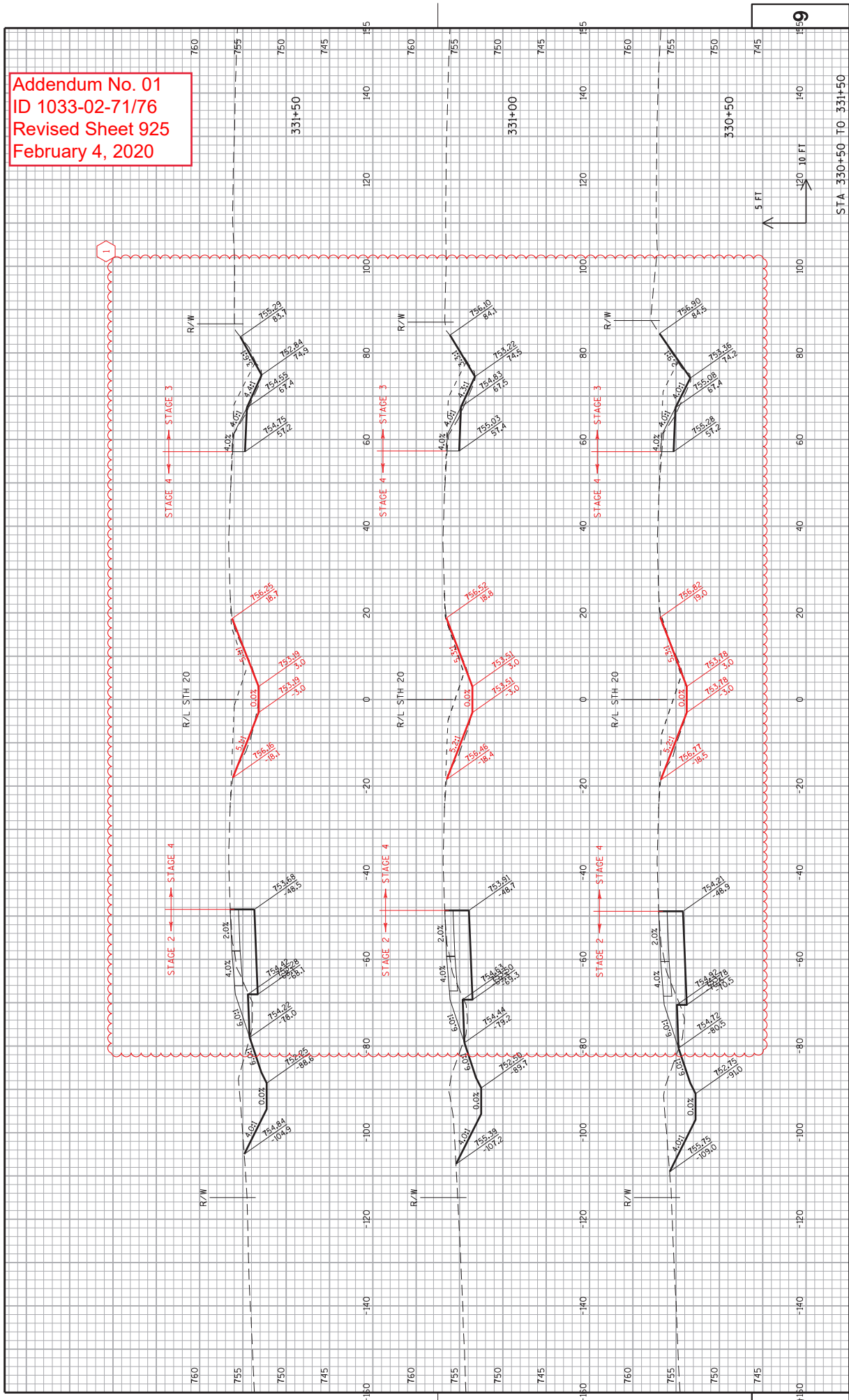
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Addendum No. 01  
ID 1033-02-71/76  
Added Sheet 874A  
February 4, 2020

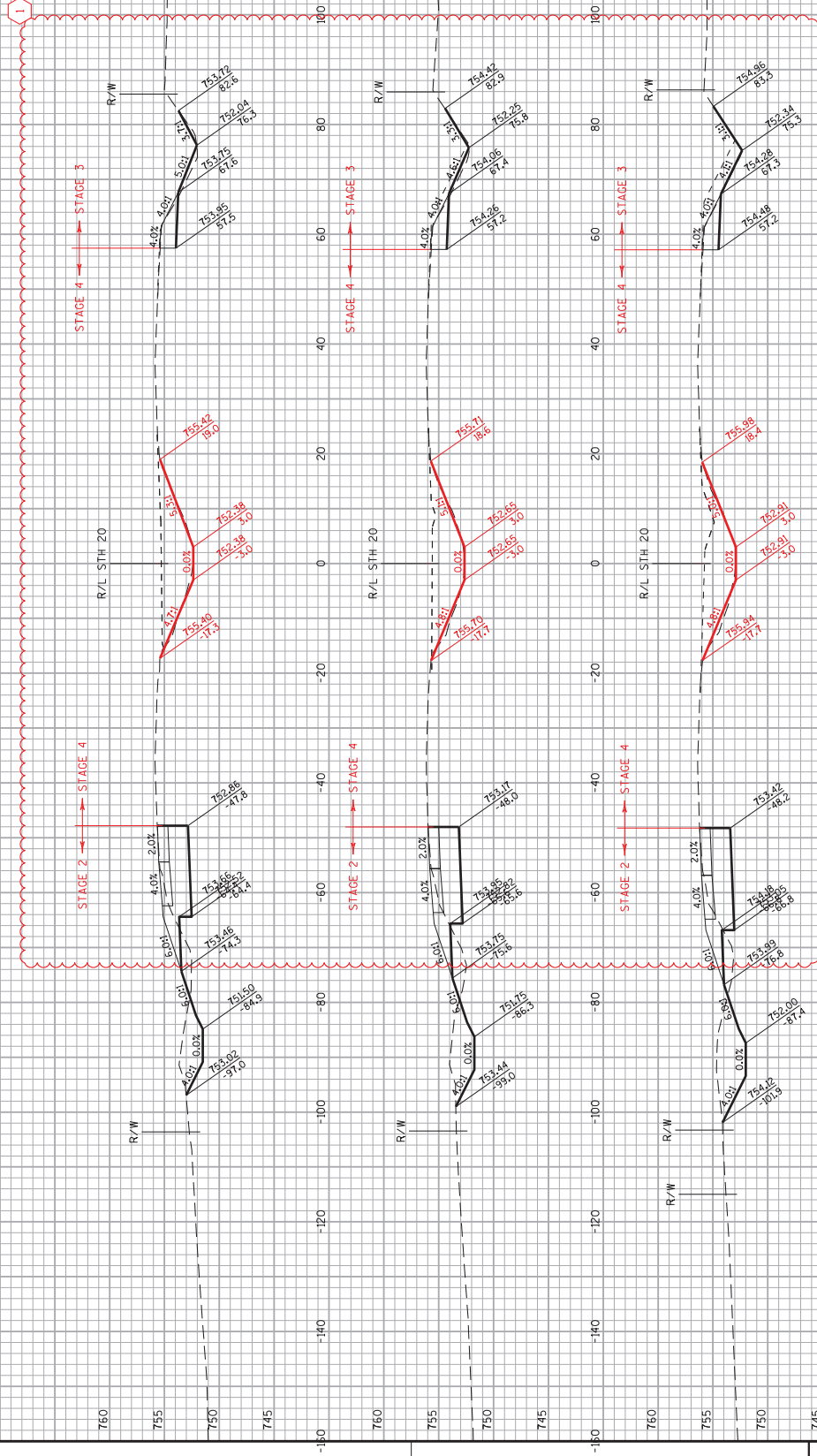
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STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
330+50 AH	33050.00	0.00	30.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
331+00	33100.00	50.00	39.20	0.00	0.00	64.20	0.00	0.00	64.20	0.00	0.00	64.20
331+50	33150.00	50.00	48.41	0.00	0.00	81.12	0.00	0.00	145.32	0.00	0.00	145.32
332+00	33200.00	50.00	54.12	0.00	0.00	94.94	0.00	0.00	240.26	0.00	0.00	240.26
332+50	33250.00	50.00	61.44	0.00	0.00	107.00	0.00	0.00	347.26	0.00	0.00	347.26
333+00	33300.00	50.00	56.12	0.00	0.00	108.85	0.00	0.00	456.11	0.00	0.00	456.11
333+50	33350.00	50.00	54.27	0.00	0.00	102.21	0.00	0.00	558.32	0.00	0.00	558.32
334+00	33400.00	50.00	48.13	0.00	0.00	94.81	0.00	0.00	653.14	0.00	0.00	653.14
334+50	33450.00	50.00	58.93	0.00	0.00	99.13	0.00	0.00	752.27	0.00	0.00	752.27
335+00	33500.00	50.00	70.41	0.00	0.00	119.76	0.00	0.00	872.03	0.00	0.00	872.03
335+50	33550.00	50.00	68.55	0.00	0.00	128.67	0.00	0.00	1000.69	0.00	0.00	1000.69
336+00	33600.00	50.00	64.79	0.00	0.00	123.46	0.00	0.00	1124.16	0.00	0.00	1124.16
336+50	33650.00	50.00	57.14	0.00	0.00	112.90	0.00	0.00	1237.06	0.00	0.00	1237.06
337+00	33700.00	50.00	52.25	0.00	0.00	101.29	0.00	0.00	1338.34	0.00	0.00	1338.34
337+50	33750.00	50.00	42.84	0.00	0.00	88.05	0.00	0.00	1426.39	0.00	0.00	1426.39
338+00	33800.00	50.00	31.42	0.00	0.00	68.76	0.00	0.00	1495.15	0.00	0.00	1495.15
338+50	33850.00	50.00	17.72	0.00	0.00	45.50	0.00	0.00	1540.65	0.00	0.00	1540.65
339+00 BK	33900.00	50.00	0.67	0.00	0.00	17.03	0.00	0.00	1557.68	0.00	0.00	1557.68
			Column totals			1557.68	0.00	0.00				

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 925  
 February 4, 2020

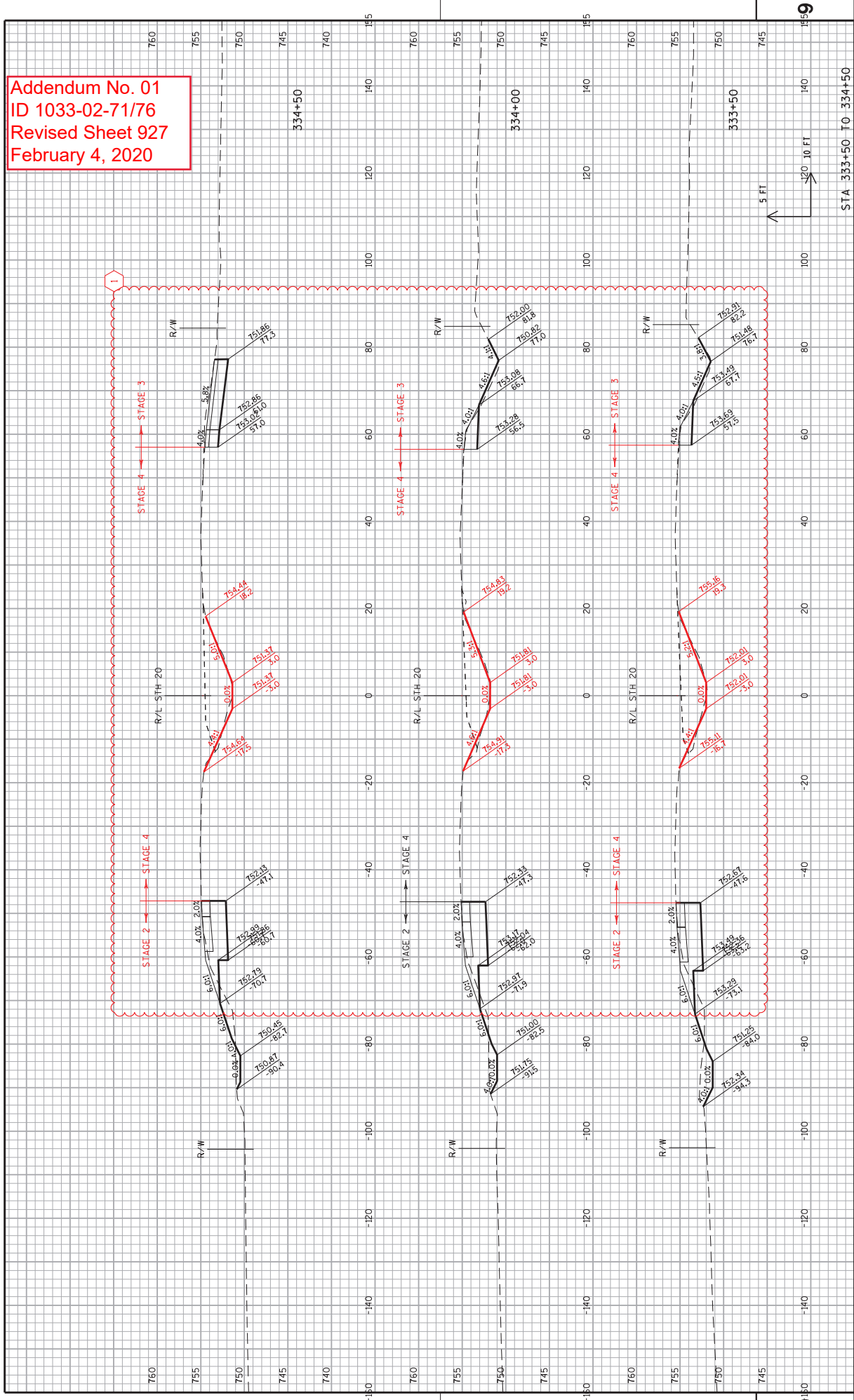


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 Revised Sheet 926  
 February 4, 2020

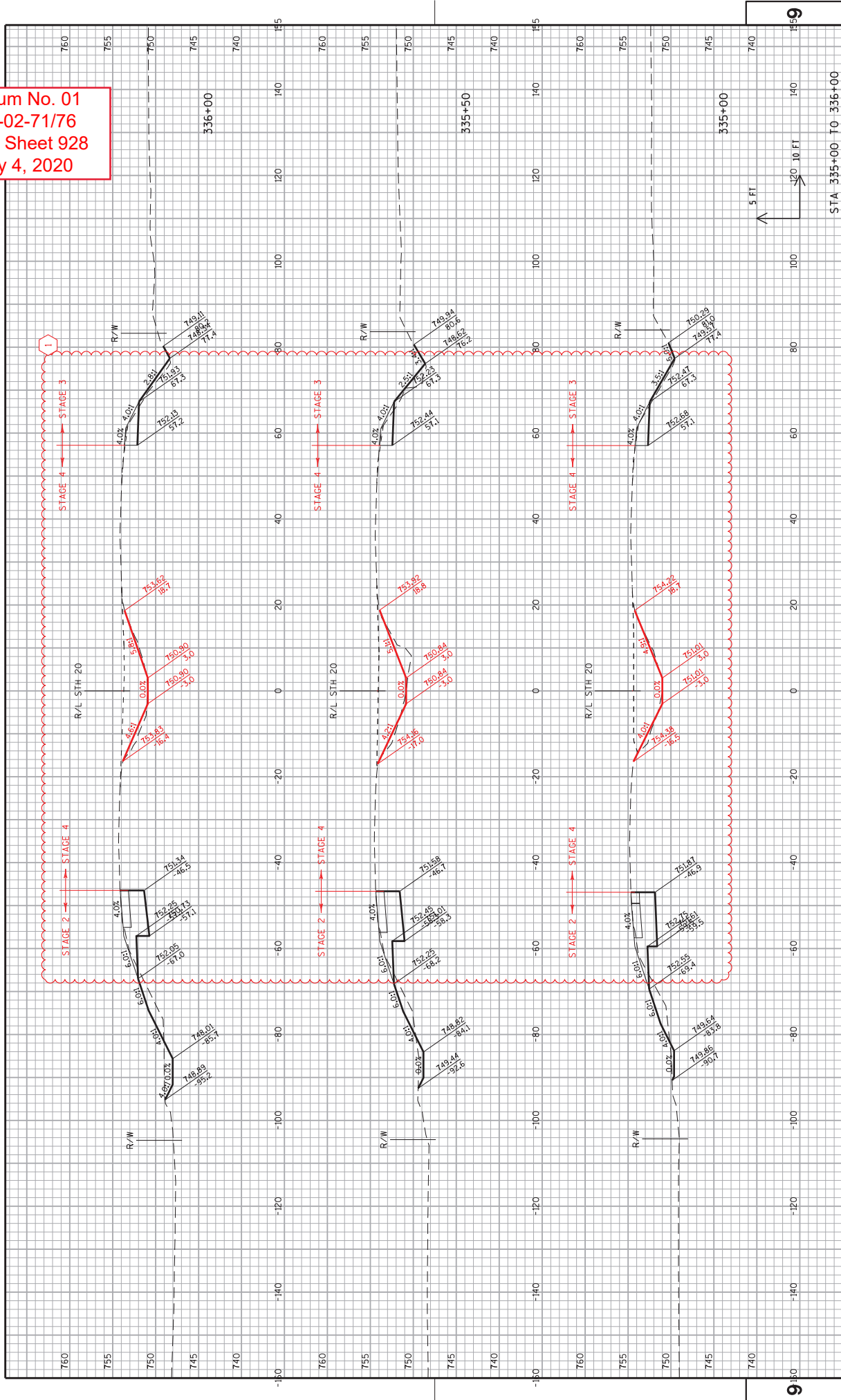




Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 927  
 February 4, 2020



Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 928  
 February 4, 2020

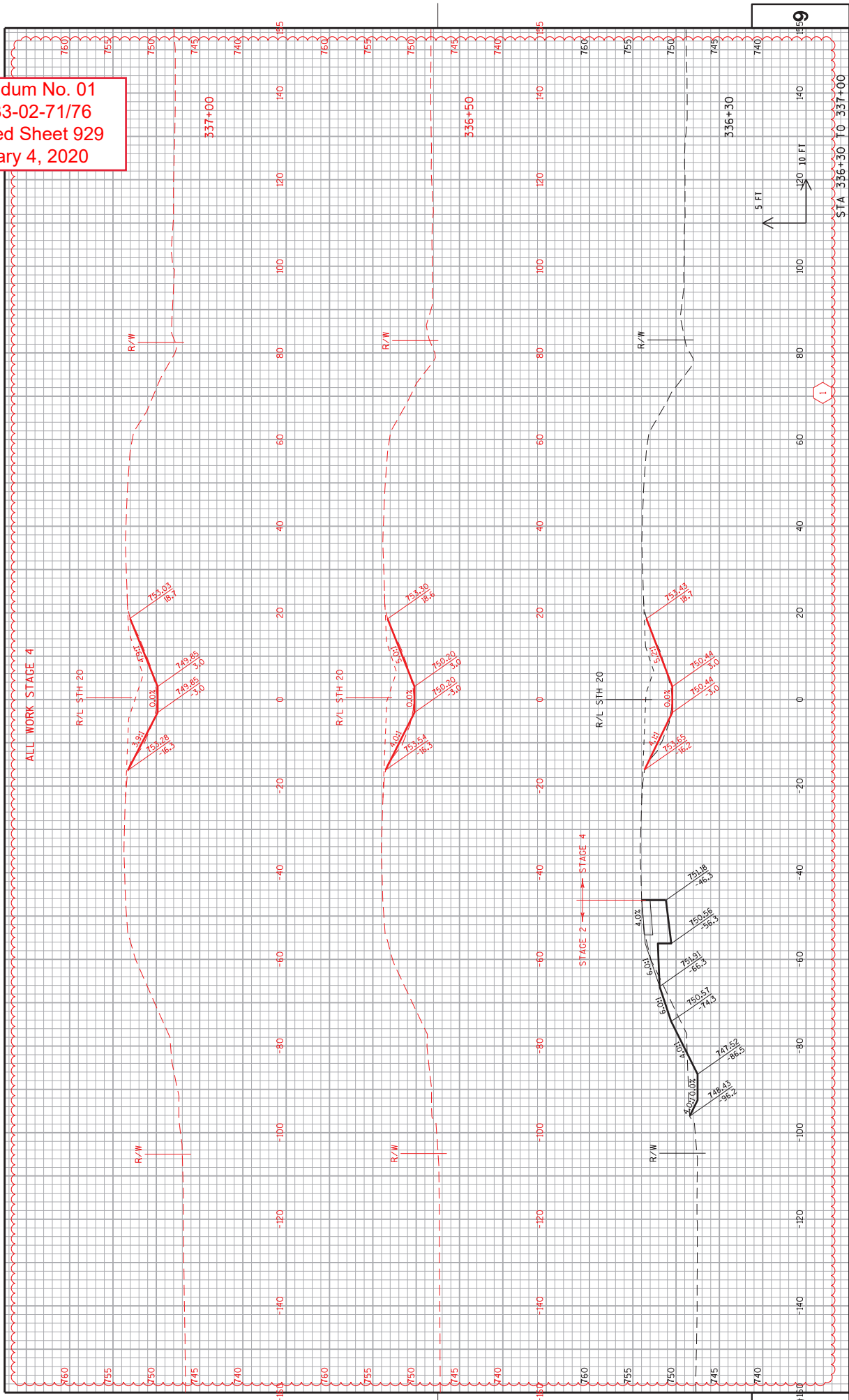


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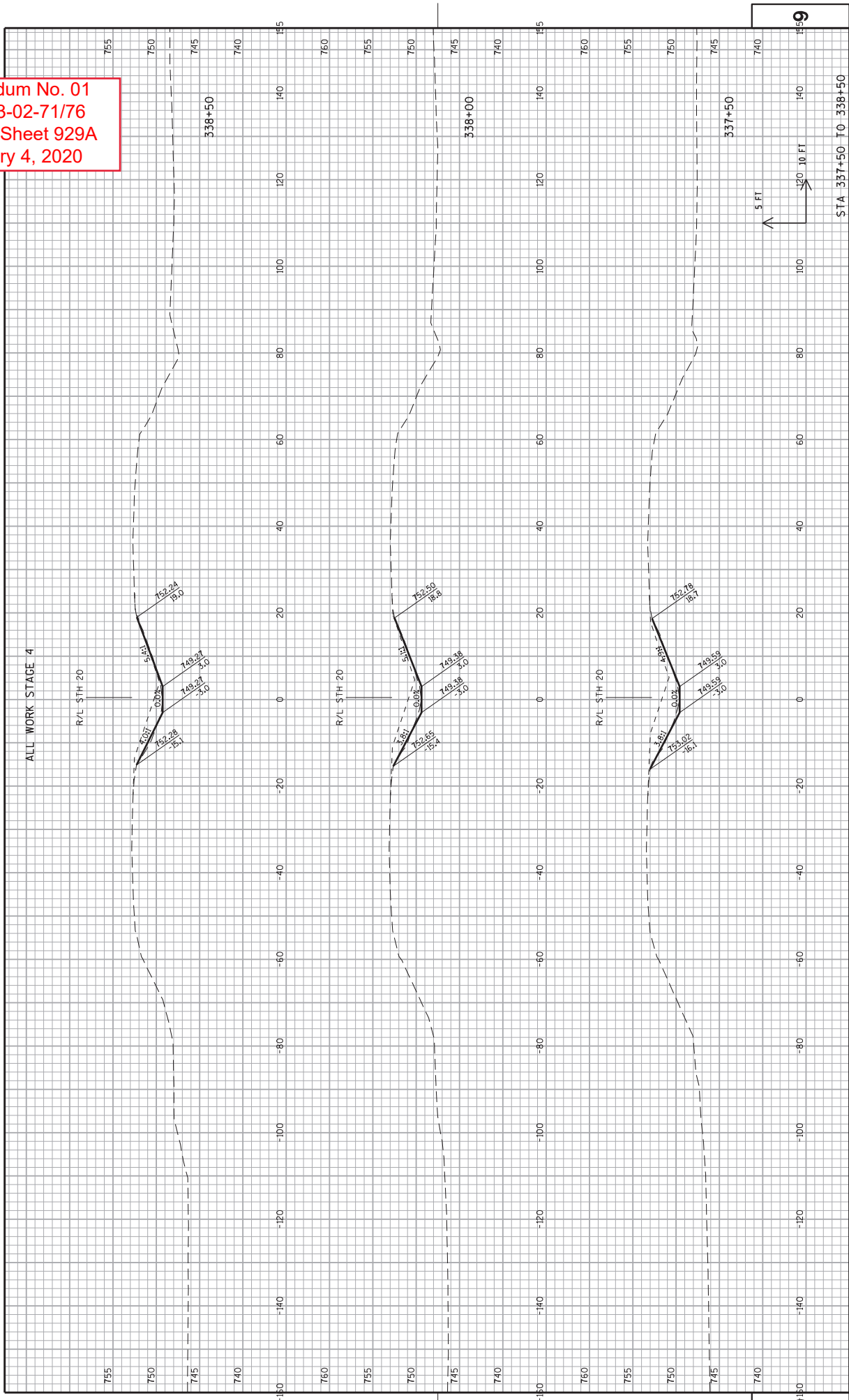
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Addendum No. 01  
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 Revised Sheet 929  
 February 4, 2020

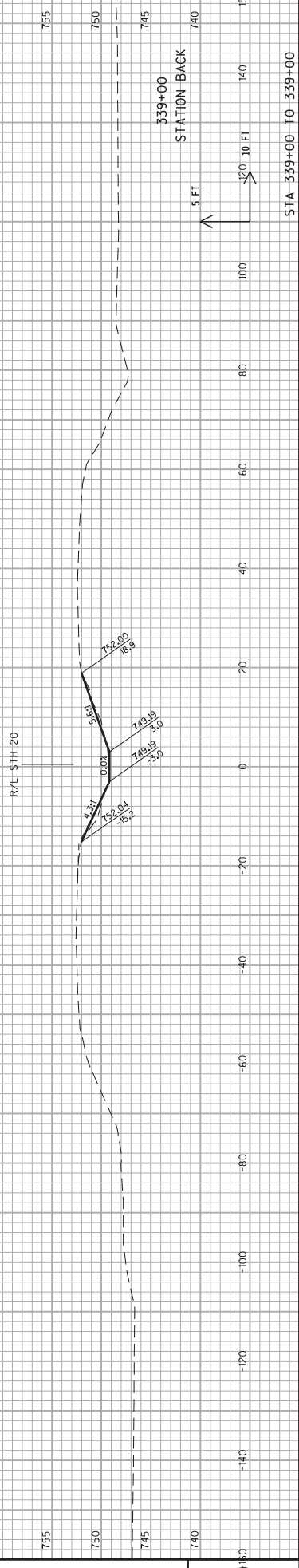


Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 929A  
 February 4, 2020



Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 929B  
 February 4, 2020

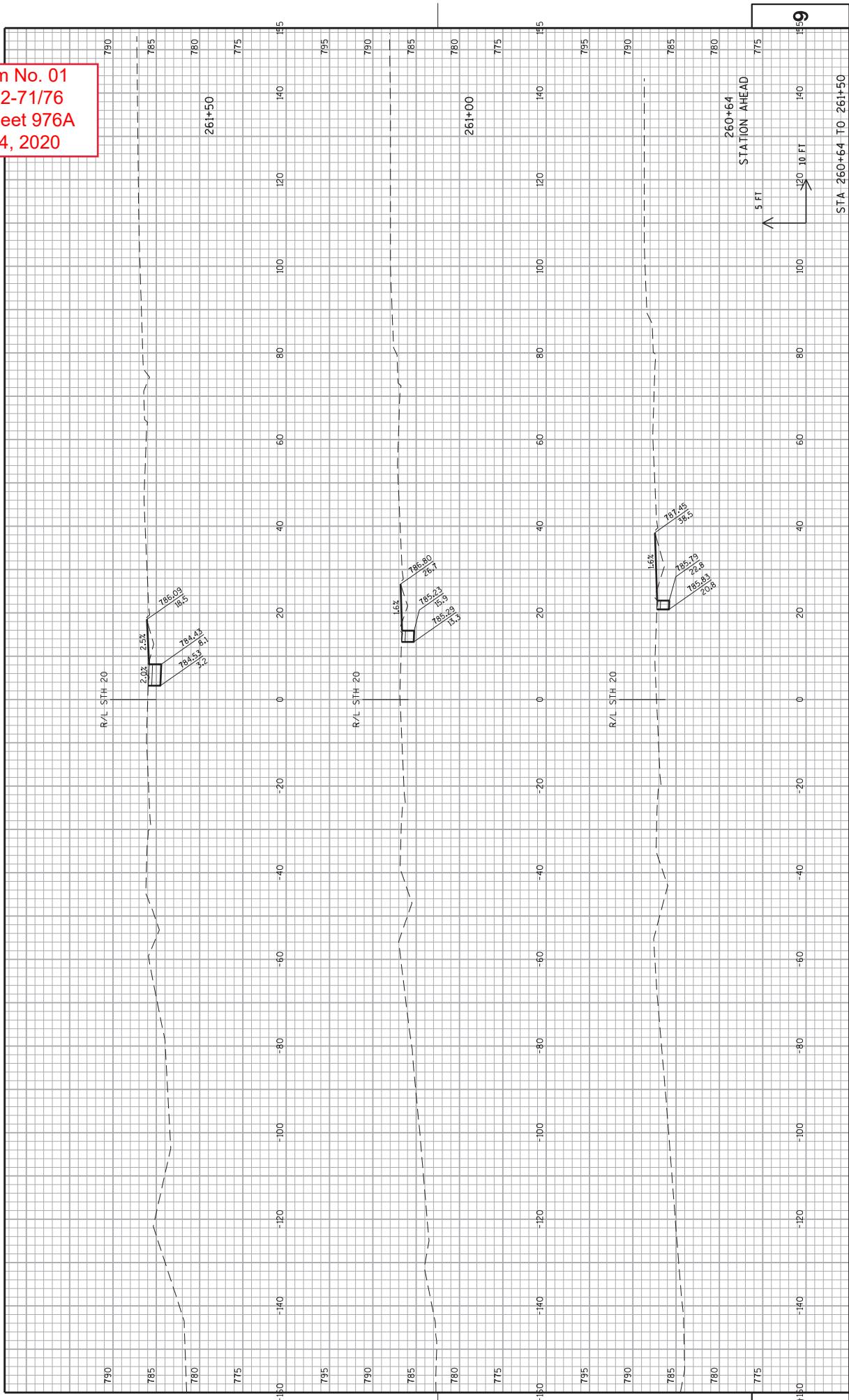
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PROJECT NO: 1033-02-71/76  
 COUNTY: RACINE  
 HWY: IH 94/STH 20  
 CROSS SECTIONS: STH 20  
 SHEET 929B  
 E

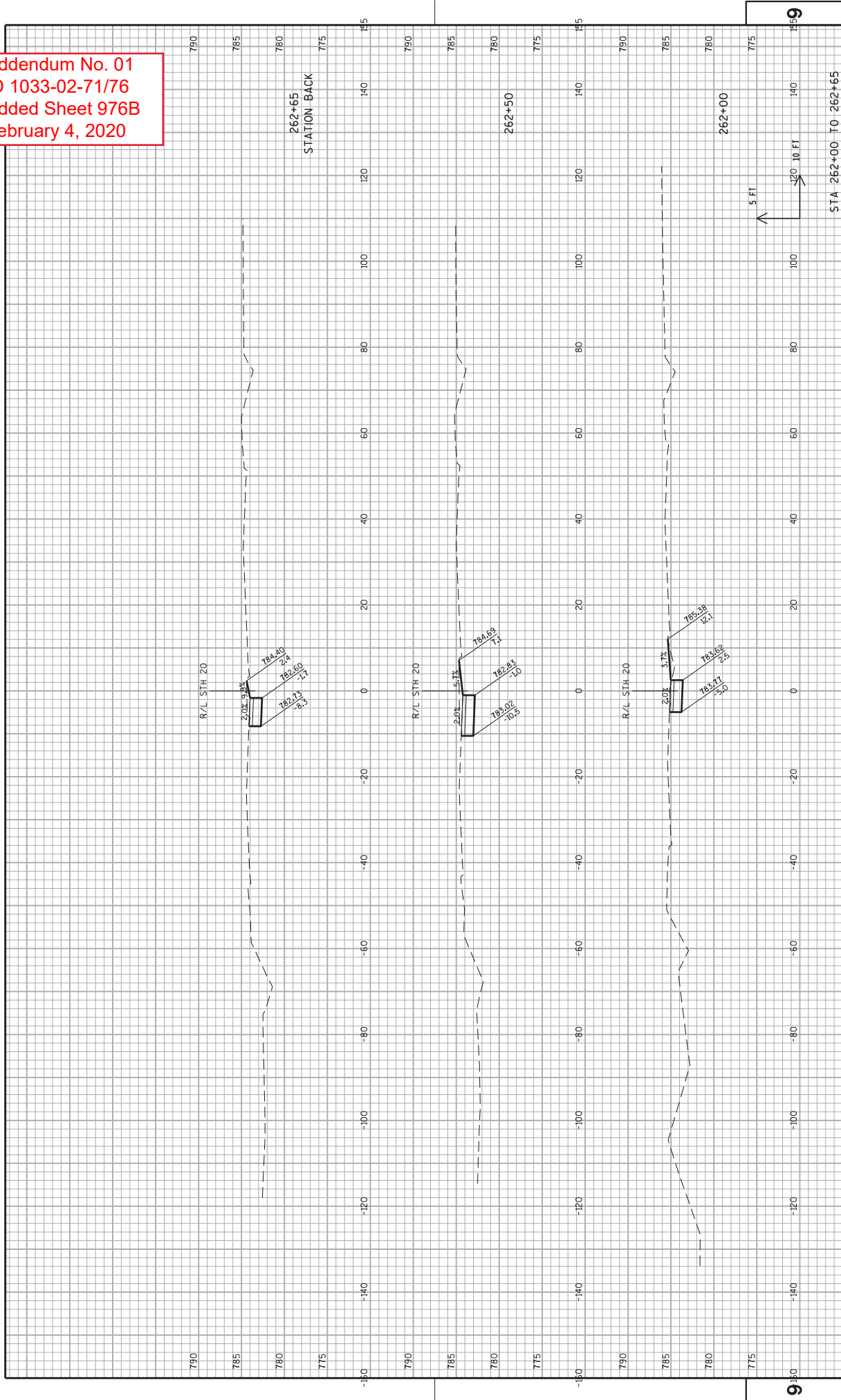
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Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 976A  
 February 4, 2020



PROJECT NO: 1033-02-71/76	HWY: IH 94/STH 20	COUNTY: RACINE	CROSS SECTIONS: TEMPORARY WIDENING AND CROSOVERS	SHEET 976A	E
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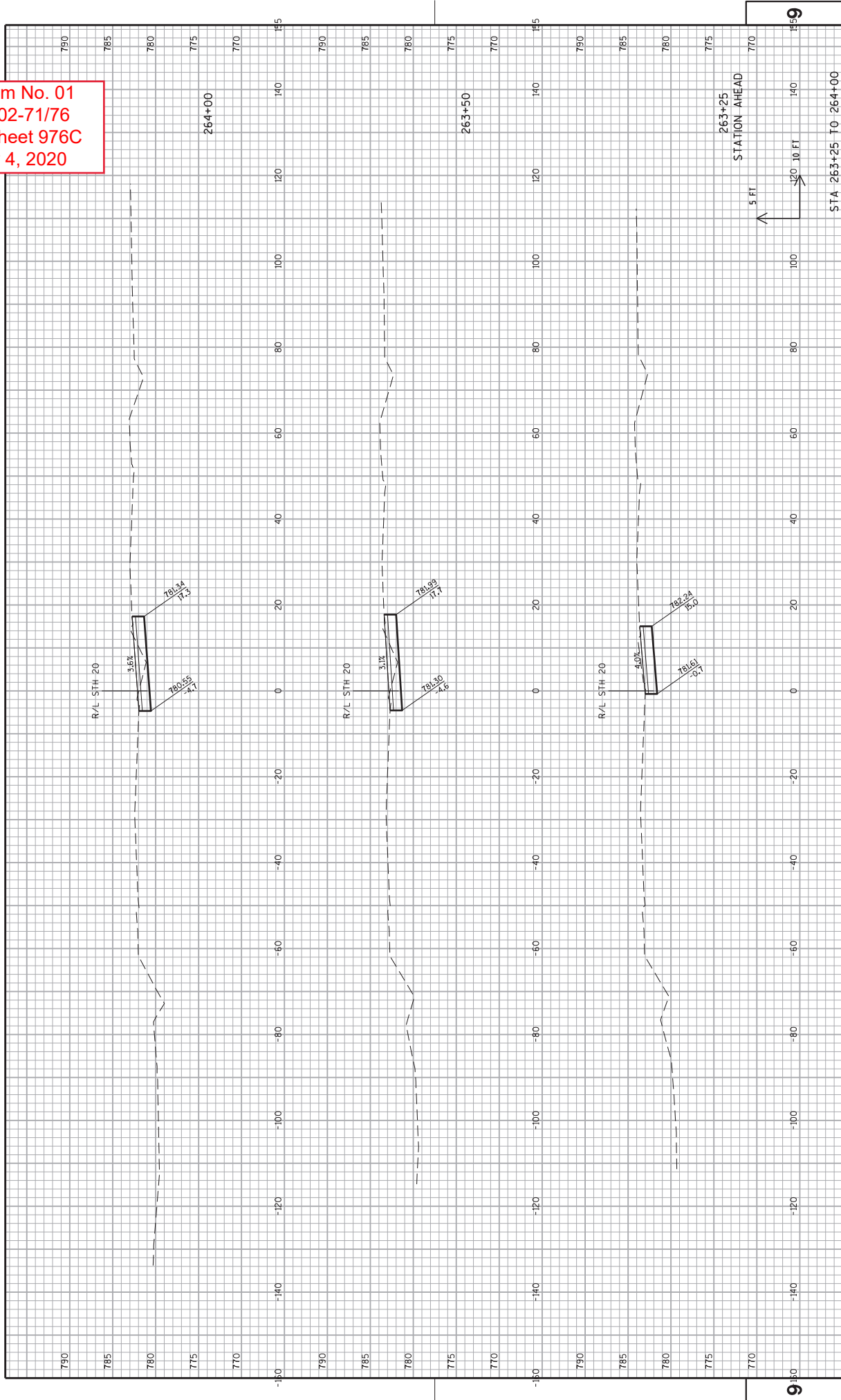
Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 976B  
 February 4, 2020



PROJECT NO: 1033-02-71/76      HWY: IH 94/STH 20      COUNTY: RACINE      CROSS SECTIONS: TEMPORARY WIDENING AND CROSSOVERS      SHEET 976B      E



Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 976C  
 February 4, 2020



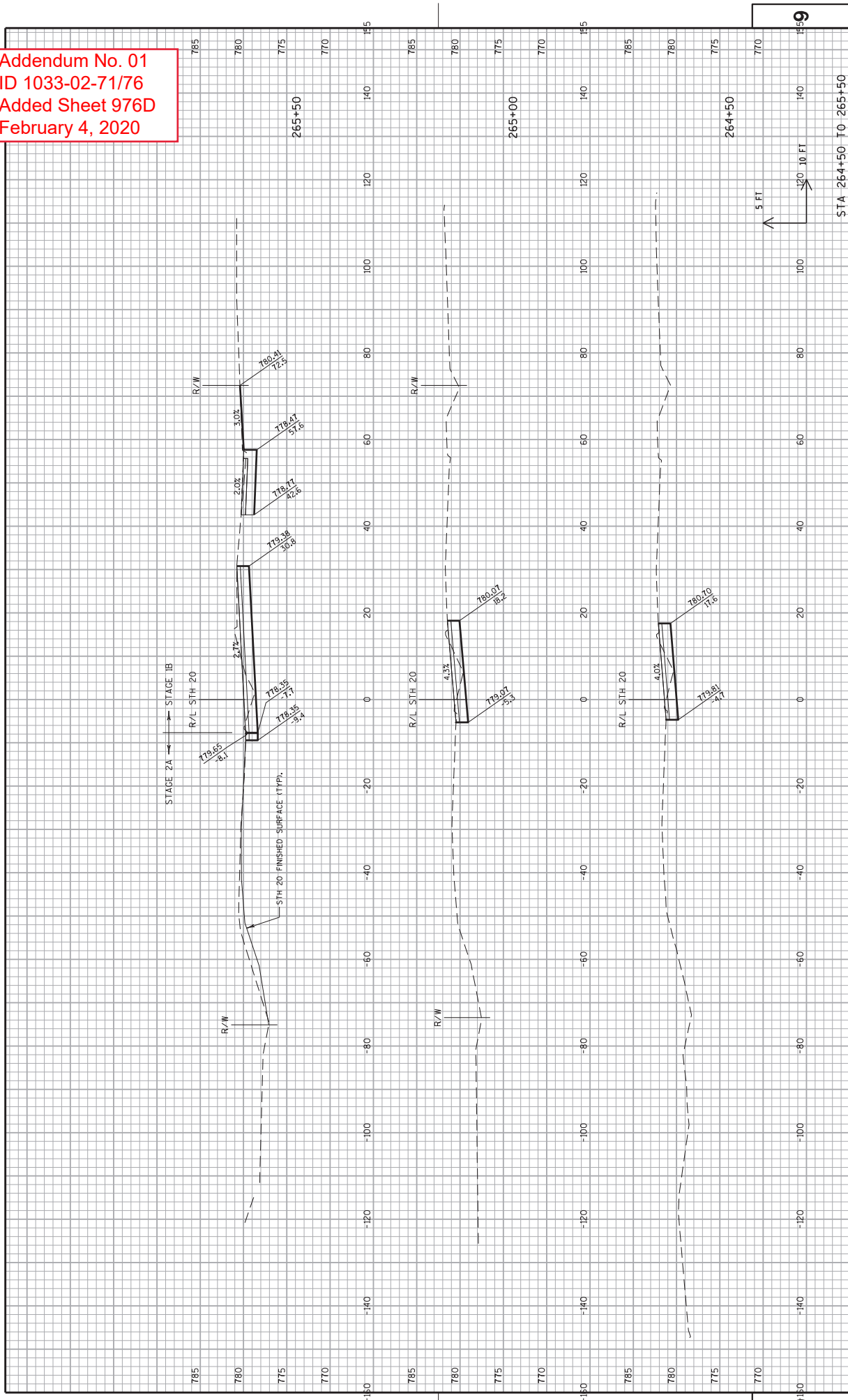
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HWY: IH 94/STH 20

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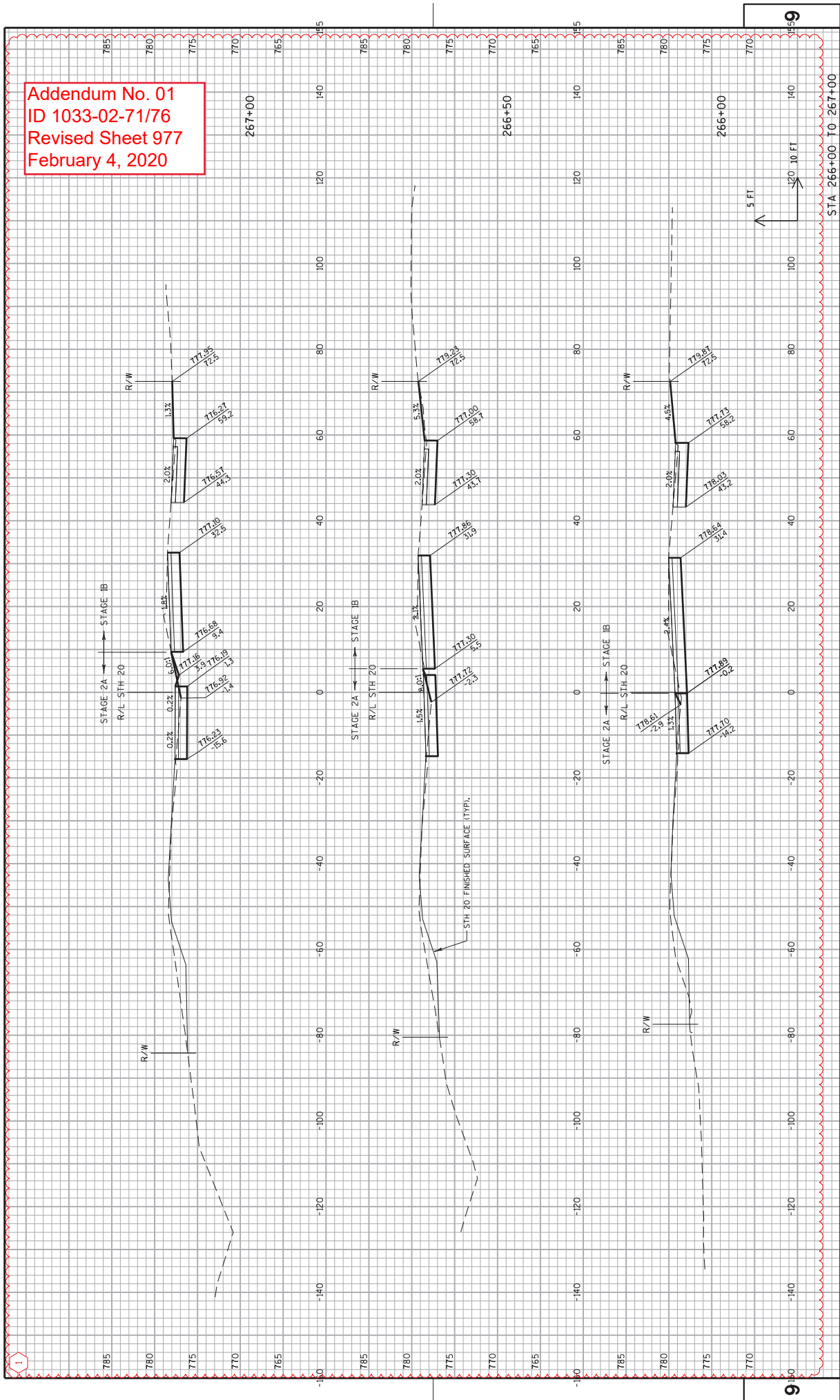


Addendum No. 01  
 ID 1033-02-71/76  
 Added Sheet 976D  
 February 4, 2020

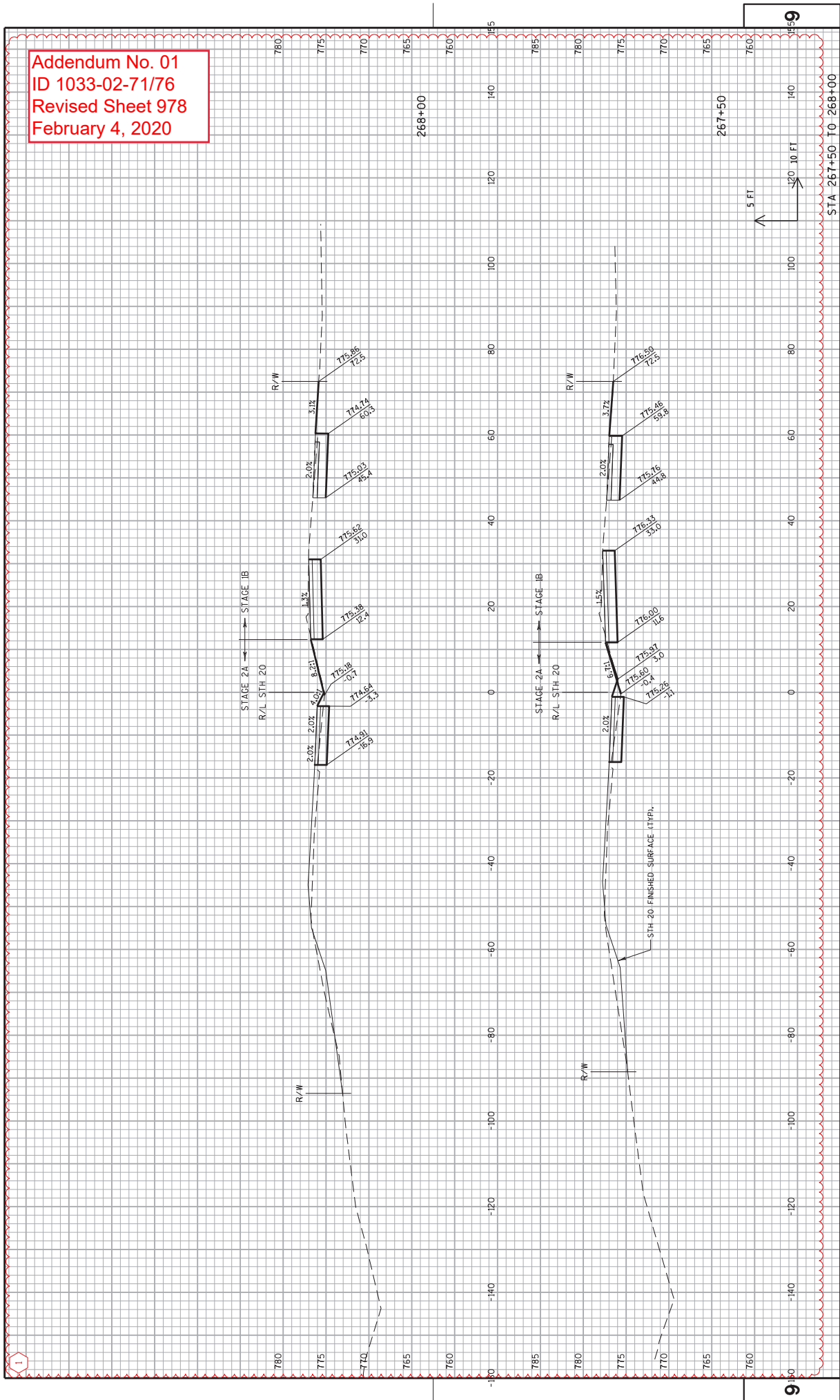


PROJECT NO: 1033-02-71/76  
 COUNTY: RACINE  
 HWY: IH 94/STH 20  
 CROSS SECTIONS: TEMPORARY WIDENING AND CROSOVERS  
 SHEET 976D  
 STA 264+50 TO 265+50  
 E

**Addendum No. 01**  
**ID 1033-02-71/76**  
**Revised Sheet 977**  
**February 4, 2020**

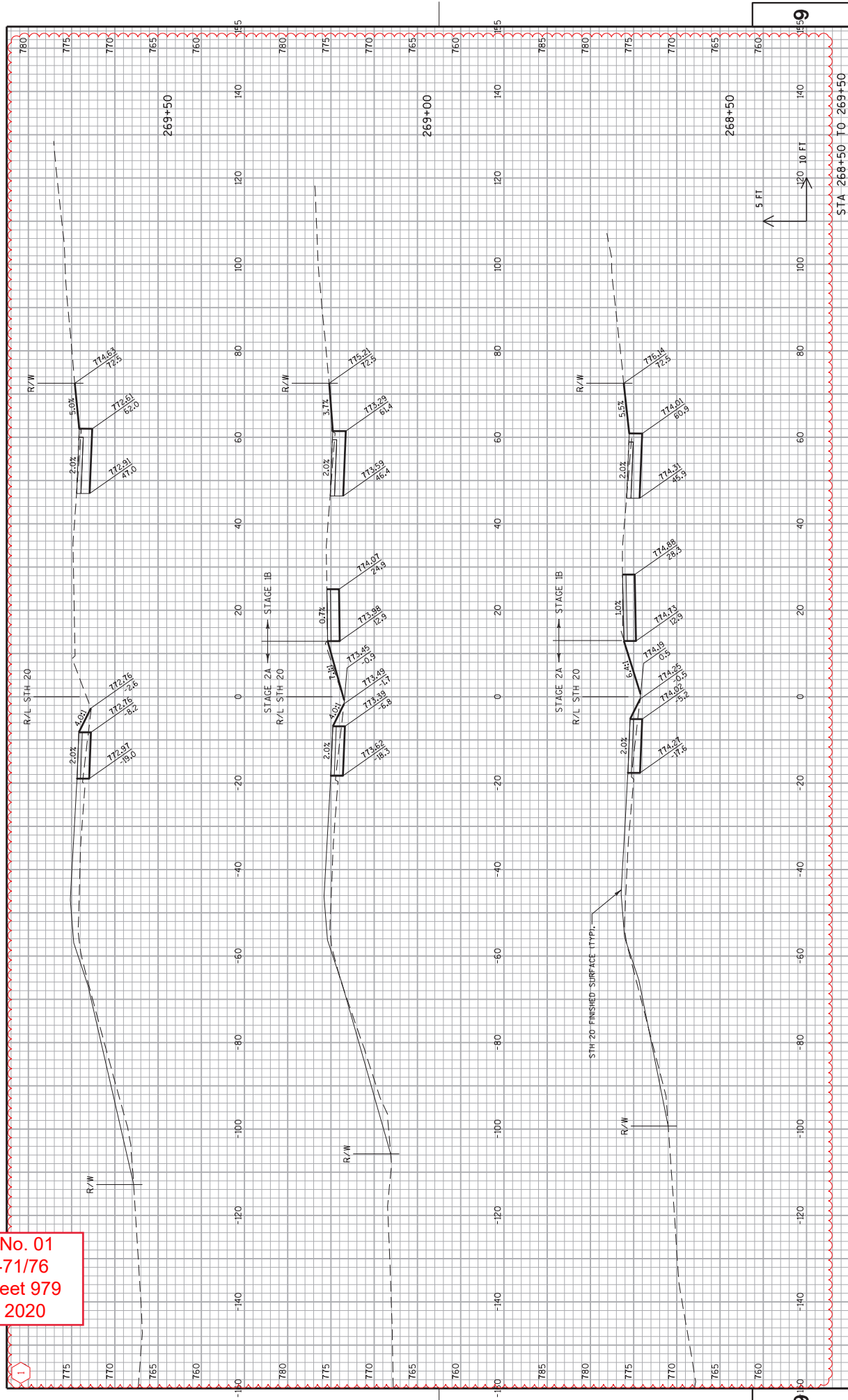


Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 978  
 February 4, 2020

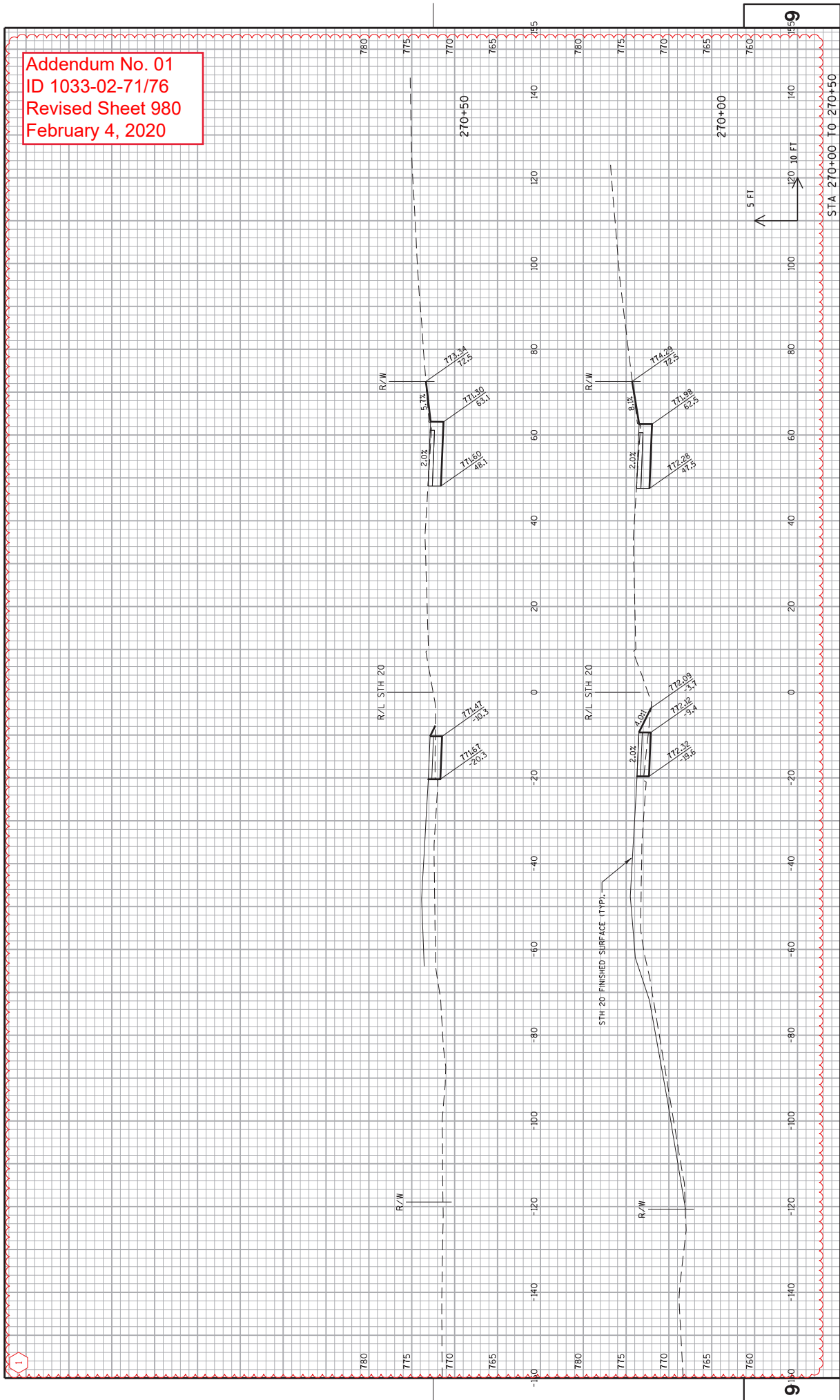


PROJECT NO: 1033-02-71/76 COUNTY: RACINE HWY: IH 94/STH 20 CROSS SECTIONS: TEMPORARY WIDENING AND CROSSOVERS SHEET 978 E  
 FILE NAME : S:\P\InRoads\20\10330271.L\Records\cde\990601\_xss\_temp.dgn PLOT BY : MSCGF PLOT DATE : 29-JUN-2020 13:03 PLOT NAME : 090601\_xss\_temp5 PLOT SCALE : 20:1

Addendum No. 01  
 ID 1033-02-71/76  
 Revised Sheet 979  
 February 4, 2020



Addendum No. 01  
ID 1033-02-71/76  
Revised Sheet 980  
February 4, 2020



PROJECT NO: 1033-02-71/76 COUNTY: RACINE HWY: IH 94/STH 20 CROSS SECTIONS: TEMPORARY WIDENING AND CROSSOVERS SHEET 980 E  
FILE NAME : S:\F:\Inl\Des\gn\20\10330271.L\Records\cde\V990601\_xss\_temp.dgn PLOT DATE : 29-JUN-2020 13:03 PLOT BY : MSCGF PLOT NAME : 090601\_xss\_temp7 PLOT SCALE : 20:1 WSDOT/CADDIS SHEET 21



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0105 Clearing	21.000 STA	_____.	_____.
0004	201.0120 Clearing	208.000 ID	_____.	_____.
0006	201.0205 Grubbing	21.000 STA	_____.	_____.
0008	201.0220 Grubbing	208.000 ID	_____.	_____.
0010	203.0100 Removing Small Pipe Culverts	20.000 EACH	_____.	_____.
0012	204.0100 Removing Pavement	60,830.000 SY	_____.	_____.
0014	204.0125 Removing Asphaltic Surface Milling	16,148.000 TON	_____.	_____.
0016	204.0150 Removing Curb & Gutter	6,600.000 LF	_____.	_____.
0018	204.0155 Removing Concrete Sidewalk	307.000 SY	_____.	_____.
0020	204.0157 Removing Concrete Barrier	44.000 LF	_____.	_____.
0022	204.0165 Removing Guardrail	196.000 LF	_____.	_____.
0024	204.0190 Removing Surface Drains	4.000 EACH	_____.	_____.
0026	204.0195 Removing Concrete Bases	48.000 EACH	_____.	_____.
0028	204.0210 Removing Manholes	5.000 EACH	_____.	_____.
0030	204.0220 Removing Inlets	59.000 EACH	_____.	_____.
0032	204.0245 Removing Storm Sewer (size) 0004. 12-Inch	1,092.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	204.0245 Removing Storm Sewer (size) 0006. 15-Inch	898.000 LF	_____.	_____.
0036	204.0245 Removing Storm Sewer (size) 0008. 18-Inch	1,646.000 LF	_____.	_____.
0038	204.0245 Removing Storm Sewer (size) 0010. 24-Inch	683.000 LF	_____.	_____.
0040	204.0245 Removing Storm Sewer (size) 0012. 30-Inch	368.000 LF	_____.	_____.
0042	204.0245 Removing Storm Sewer (size) 0016. 36-Inch	347.000 LF	_____.	_____.
0044	204.0270 Abandoning Culvert Pipes	1.000 EACH	_____.	_____.
0046	204.0275 Closing Culvert Pipes	1.000 EACH	_____.	_____.
0048	204.9060.S Removing (item description) 2010. Vault	1.000 EACH	_____.	_____.
0050	204.9060.S Removing (item description) 2011. Electrical Service Meter Breaker Pedestal	1.000 EACH	_____.	_____.
0052	204.9060.S Removing (item description) 2012. On-Ramp Closure Gate	5.000 EACH	_____.	_____.
0054	204.9105.S Removing (item description) 3001. Traffic Signals STH 20 & W Frontage Rd	LS	LUMP SUM	_____.
0056	204.9105.S Removing (item description) 3002. Traffic Signals IH-94 Ramps & STH 20	LS	LUMP SUM	_____.
0058	204.9105.S Removing (item description) 3003. Traffic Signals STH 20 & E Frontage Rd	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0060	204.9105.S Removing (item description) 3004. Traffic Signals STH 20 & CTH H/Renaissance	LS	LUMP SUM	_____.
0062	204.9105.S Removing (item description) 3005. Loop Detector Wire & Lead-In Cable STH 20 & W Frontage Rd	LS	LUMP SUM	_____.
0064	204.9105.S Removing (item description) 3006. Loop Detector Wire & Lead-In Cable IH-94 Ramps & STH 20	LS	LUMP SUM	_____.
0066	204.9105.S Removing (item description) 3007. Loop Detector Wire & Lead-In Cable STH 20 & E Frontage Rd	LS	LUMP SUM	_____.
0068	204.9180.S Removing (item description) 0001. Concrete Channel	187.000 SY	_____.	_____.
0070	205.0100 Excavation Common	137,574.000 CY	_____.	_____.
0072	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	7,072.000 TON	_____.	_____.
0074	213.0100 Finishing Roadway (project) 0001. 1033-02-71	1.000 EACH	_____.	_____.
0076	213.0100 Finishing Roadway (project) 0002. 1033-02-76	1.000 EACH	_____.	_____.
0084	415.0095 Concrete Pavement 9 1/2-Inch	17,667.000 SY	_____.	_____.
0086	415.0105 Concrete Pavement 10 1/2-Inch	9,846.000 SY	_____.	_____.
0088	415.0115 Concrete Pavement 11 1/2-Inch	76,005.000 SY	_____.	_____.
0090	415.0120 Concrete Pavement 12-Inch	94.000 SY	_____.	_____.
0092	415.0210 Concrete Pavement Gaps	19.000 EACH	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0094	415.1095 Concrete Pavement HES 9 1/2-Inch	1,989.000 SY	_____.	_____.
0096	415.1105 Concrete Pavement HES 10 1/2-Inch	1,098.000 SY	_____.	_____.
0098	415.1115 Concrete Pavement HES 11 1/2-Inch	7,156.000 SY	_____.	_____.
0100	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0102	416.0260 Concrete Driveway HES 6-Inch	65.000 SY	_____.	_____.
0104	416.0290 Concrete Driveway HES 9-Inch	209.000 SY	_____.	_____.
0106	416.0610 Drilled Tie Bars	462.000 EACH	_____.	_____.
0108	416.0620 Drilled Dowel Bars	206.000 EACH	_____.	_____.
0110	416.1010 Concrete Surface Drains	11.000 CY	_____.	_____.
0112	450.4000 HMA Cold Weather Paving	1,687.000 TON	_____.	_____.
0114	455.0605 Tack Coat	3,139.000 GAL	_____.	_____.
0116	460.2000 Incentive Density HMA Pavement	1,570.000 DOL	1.00000	1,570.00
0118	460.6223 HMA Pavement 3 MT 58-28 S	537.000 TON	_____.	_____.
0120	460.6224 HMA Pavement 4 MT 58-28 S	196.000 TON	_____.	_____.
0122	460.6424 HMA Pavement 4 MT 58-28 H	1,687.000 TON	_____.	_____.
0124	465.0105 Asphaltic Surface	48.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0126	465.0120 Asphaltic Surface Driveways and Field Entrances	361.000 TON	_____.	_____.
0128	465.0125 Asphaltic Surface Temporary	9,133.000 TON	_____.	_____.
0130	495.1000.S Cold patch	10.000 TON	_____.	_____.
0132	520.1012 Apron Endwalls for Culvert Pipe 12-Inch	2.000 EACH	_____.	_____.
0134	520.1036 Apron Endwalls for Culvert Pipe 36-Inch	4.000 EACH	_____.	_____.
0136	520.2012 Culvert Pipe Temporary 12-Inch	277.000 LF	_____.	_____.
0138	520.3336 Culvert Pipe Class III-A 36-Inch	163.000 LF	_____.	_____.
0140	521.1018 Apron Endwalls for Culvert Pipe Steel 18-Inch	4.000 EACH	_____.	_____.
0142	521.3118 Culvert Pipe Corrugated Steel 18-Inch	99.000 LF	_____.	_____.
0144	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	4.000 EACH	_____.	_____.
0146	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	4.000 EACH	_____.	_____.
0148	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	3.000 EACH	_____.	_____.
0150	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	1.000 EACH	_____.	_____.
0152	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0154	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	2.000 EACH	_____.	_____.
0156	522.2629 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	1.000 EACH	_____.	_____.
0158	522.2638 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 38x60-Inch	1.000 EACH	_____.	_____.
0160	601.0405 Concrete Curb & Gutter 18-Inch Type A	112.000 LF	_____.	_____.
0162	601.0407 Concrete Curb & Gutter 18-Inch Type D	123.000 LF	_____.	_____.
0164	601.0411 Concrete Curb & Gutter 30-Inch Type D	219.000 LF	_____.	_____.
0166	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	928.000 LF	_____.	_____.
0168	601.0555 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	24,866.000 LF	_____.	_____.
0170	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	170.000 LF	_____.	_____.
0172	602.0410 Concrete Sidewalk 5-Inch	27,148.000 SF	_____.	_____.
0174	602.0505 Curb Ramp Detectable Warning Field Yellow	90.000 SF	_____.	_____.
0176	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	60.000 SF	_____.	_____.
0178	603.1142 Concrete Barrier Type S42	1,068.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0180	603.8000 Concrete Barrier Temporary Precast Delivered	700.000 LF	_____.	_____.
0182	603.8125 Concrete Barrier Temporary Precast Installed	700.000 LF	_____.	_____.
0184	606.0200 Riprap Medium	582.000 CY	_____.	_____.
0186	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	1,807.000 LF	_____.	_____.
0188	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	4,834.000 LF	_____.	_____.
0190	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	2,434.000 LF	_____.	_____.
0192	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	32.000 LF	_____.	_____.
0194	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	226.000 LF	_____.	_____.
0196	608.2319 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	86.000 LF	_____.	_____.
0198	608.2324 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	918.000 LF	_____.	_____.
0200	608.2329 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	180.000 LF	_____.	_____.
0202	608.2338 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch	144.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0204	611.0535 Manhole Covers Type J-Special	8.000 EACH	_____.	_____.
0206	611.0627 Inlet Covers Type HM	124.000 EACH	_____.	_____.
0208	611.0642 Inlet Covers Type MS	2.000 EACH	_____.	_____.
0210	611.0654 Inlet Covers Type V	2.000 EACH	_____.	_____.
0212	611.0666 Inlet Covers Type Z	2.000 EACH	_____.	_____.
0214	611.2005 Manholes 5-FT Diameter	25.000 EACH	_____.	_____.
0216	611.2006 Manholes 6-FT Diameter	15.000 EACH	_____.	_____.
0218	611.2007 Manholes 7-FT Diameter	5.000 EACH	_____.	_____.
0220	611.2008 Manholes 8-FT Diameter	3.000 EACH	_____.	_____.
0222	611.3004 Inlets 4-FT Diameter	44.000 EACH	_____.	_____.
0224	611.3230 Inlets 2x3-FT	35.000 EACH	_____.	_____.
0226	611.3253 Inlets 2.5x3-FT	2.000 EACH	_____.	_____.
0228	611.3901 Inlets Median 1 Grate	2.000 EACH	_____.	_____.
0230	611.8115 Adjusting Inlet Covers	7.000 EACH	_____.	_____.
0232	611.8120.S Cover Plates Temporary	34.000 EACH	_____.	_____.
0234	611.9710 Salvaged Inlet Covers	7.000 EACH	_____.	_____.
0236	612.0106 Pipe Underdrain 6-Inch	15,132.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0238	612.0902.S Insulation Board Polystyrene (inch) 0001. 4-Inch	25.000 SY	_____.	_____.
0240	614.0396 Guardrail Mow Strip Asphalt	90.000 SY	_____.	_____.
0242	614.0800 Crash Cushions Permanent	1.000 EACH	_____.	_____.
0244	614.2300 MGS Guardrail 3	67.000 LF	_____.	_____.
0246	614.2610 MGS Guardrail Terminal EAT	1.000 EACH	_____.	_____.
0248	614.2620 MGS Guardrail Terminal Type 2	1.000 EACH	_____.	_____.
0250	616.0100 Fence Woven Wire (height) 0001. 4-ft	4,190.000 LF	_____.	_____.
0252	616.0700.S Fence Safety	2,000.000 LF	_____.	_____.
0254	619.1000 Mobilization	1.000 EACH	_____.	_____.
0258	620.0300 Concrete Median Sloped Nose	4,680.000 SF	_____.	_____.
0260	623.0200 Dust Control Surface Treatment	64,873.000 SY	_____.	_____.
0262	624.0100 Water	5,795.000 MGAL	_____.	_____.
0264	625.0500 Salvaged Topsoil	94,414.000 SY	_____.	_____.
0266	628.1104 Erosion Bales	600.000 EACH	_____.	_____.
0268	628.1504 Silt Fence	3,822.000 LF	_____.	_____.
0270	628.1520 Silt Fence Maintenance	1,913.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0272	628.1905 Mobilizations Erosion Control	21.000 EACH	_____.	_____.
0274	628.1910 Mobilizations Emergency Erosion Control	13.000 EACH	_____.	_____.
0276	628.2004 Erosion Mat Class I Type B	94,414.000 SY	_____.	_____.
0278	628.6510 Soil Stabilizer Type B	2.000 ACRE	_____.	_____.
0280	628.7005 Inlet Protection Type A	175.000 EACH	_____.	_____.
0282	628.7010 Inlet Protection Type B	3.000 EACH	_____.	_____.
0284	628.7015 Inlet Protection Type C	217.000 EACH	_____.	_____.
0286	628.7020 Inlet Protection Type D	30.000 EACH	_____.	_____.
0288	628.7504 Temporary Ditch Checks	737.000 LF	_____.	_____.
0290	628.7555 Culvert Pipe Checks	14.000 EACH	_____.	_____.
0292	628.7560 Tracking Pads	8.000 EACH	_____.	_____.
0294	628.7570 Rock Bags	160.000 EACH	_____.	_____.
0296	629.0210 Fertilizer Type B	75.000 CWT	_____.	_____.
0298	630.0120 Seeding Mixture No. 20	2,554.000 LB	_____.	_____.
0300	630.0200 Seeding Temporary	1,284.000 LB	_____.	_____.
0302	630.0500 Seed Water	1,069.000 MGAL	_____.	_____.
0304	633.0100 Delineator Posts Steel	33.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0306	633.0500 Delineator Reflectors	33.000 EACH	_____.	_____.
0308	633.1000 Delineators Barrier Wall	12.000 EACH	_____.	_____.
0310	633.5200 Markers Culvert End	18.000 EACH	_____.	_____.
0312	634.0618 Posts Wood 4x6-Inch X 18-FT	381.000 EACH	_____.	_____.
0314	634.0622 Posts Wood 4x6-Inch X 22-FT	22.000 EACH	_____.	_____.
0316	634.0816 Posts Tubular Steel 2x2-Inch X 16-FT	20.000 EACH	_____.	_____.
0318	637.1220 Signs Type I Reflective SH	831.500 SF	_____.	_____.
0320	637.1230 Signs Type I Reflective F	20.000 SF	_____.	_____.
0322	637.2210 Signs Type II Reflective H	3,242.590 SF	_____.	_____.
0324	637.2215 Signs Type II Reflective H Folding	469.360 SF	_____.	_____.
0326	637.2230 Signs Type II Reflective F	540.500 SF	_____.	_____.
0328	638.2101 Moving Signs Type I	1.000 EACH	_____.	_____.
0330	638.2102 Moving Signs Type II	52.000 EACH	_____.	_____.
0332	638.2602 Removing Signs Type II	294.000 EACH	_____.	_____.
0334	638.3000 Removing Small Sign Supports	305.000 EACH	_____.	_____.
0336	641.8100 Overhead Sign Support (structure) 0001. S-51-227	LS	LUMP SUM	_____.





Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0338	641.8100 Overhead Sign Support (structure) 0002. S-51-228	LS	LUMP SUM	_____.
0340	641.8100 Overhead Sign Support (structure) 0003. S-51-229	LS	LUMP SUM	_____.
0342	641.8100 Overhead Sign Support (structure) 0004. S-51-259	LS	LUMP SUM	_____.
0344	641.8100 Overhead Sign Support (structure) 0005. S-51-230	LS	LUMP SUM	_____.
0346	641.8100 Overhead Sign Support (structure) 0006. S-51-249	LS	LUMP SUM	_____.
0348	641.8100 Overhead Sign Support (structure) 0007. S-51-250	LS	LUMP SUM	_____.
0350	641.8100 Overhead Sign Support (structure) 0008. S-51-260	LS	LUMP SUM	_____.
0352	641.8100 Overhead Sign Support (structure) 0009. S-51-261	LS	LUMP SUM	_____.
0354	643.0300 Traffic Control Drums	315,881.000 DAY	_____.	_____.
0356	643.0420 Traffic Control Barricades Type III	7,645.000 DAY	_____.	_____.
0358	643.0500 Traffic Control Flexible Tubular Marker Posts	672.000 EACH	_____.	_____.
0360	643.0600 Traffic Control Flexible Tubular Marker Bases	622.000 EACH	_____.	_____.
0362	643.0705 Traffic Control Warning Lights Type A	15,318.000 DAY	_____.	_____.
0364	643.0715 Traffic Control Warning Lights Type C	33,971.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0366	643.0800 Traffic Control Arrow Boards	1,063.000 DAY	_____.	_____.
0368	643.0900 Traffic Control Signs	86,833.000 DAY	_____.	_____.
0370	643.1000 Traffic Control Signs Fixed Message	733.000 SF	_____.	_____.
0372	643.1050 Traffic Control Signs PCMS	99.000 DAY	_____.	_____.
0376	643.1200.S Portable Automated Real-Time Traffic Queue Warning System	370.000 DAY	_____.	_____.
0378	643.5000 Traffic Control 0001. 1033-02-71	1.000 EACH	_____.	_____.
0380	645.0111 Geotextile Type DF Schedule A	8,417.000 SY	_____.	_____.
0382	645.0120 Geotextile Type HR	252.000 SY	_____.	_____.
0384	645.0135 Geotextile Type SR	20,000.000 SY	_____.	_____.
0386	646.1020 Marking Line Epoxy 4-Inch	51,427.000 LF	_____.	_____.
0388	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch	10,594.000 LF	_____.	_____.
0390	646.1555 Marking Line Grooved Contrast Permanent Tape 4-Inch	762.000 LF	_____.	_____.
0392	646.3020 Marking Line Epoxy 8-Inch	2,124.000 LF	_____.	_____.
0394	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch	17,396.000 LF	_____.	_____.
0396	646.3555 Marking Line Grooved Contrast Permanent Tape 8-Inch	1,821.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0398	646.5020 Marking Arrow Epoxy	34.000 EACH	_____.	_____.
0400	646.5120 Marking Word Epoxy	15.000 EACH	_____.	_____.
0402	646.6120 Marking Stop Line Epoxy 18-Inch	1,243.000 LF	_____.	_____.
0404	646.6220 Marking Yield Line Epoxy 18-Inch	3.000 EACH	_____.	_____.
0406	646.7120 Marking Diagonal Epoxy 12-Inch	1,411.000 LF	_____.	_____.
0408	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	950.000 LF	_____.	_____.
0412	646.8120 Marking Curb Epoxy	1,365.000 LF	_____.	_____.
0414	646.8220 Marking Island Nose Epoxy	53.000 EACH	_____.	_____.
0416	646.9010 Marking Removal Line Water Blasting 4-Inch	16,388.000 LF	_____.	_____.
0418	646.9110 Marking Removal Line Water Blasting 8-Inch	3,051.000 LF	_____.	_____.
0420	646.9210 Marking Removal Line Water Blasting Wide	853.000 LF	_____.	_____.
0422	646.9310 Marking Removal Special Marking Water Blasting	24.000 EACH	_____.	_____.
0424	649.0120 Temporary Marking Line Epoxy 4-Inch	182,321.000 LF	_____.	_____.
0426	649.0150 Temporary Marking Line Removable Tape 4-Inch	38,381.000 LF	_____.	_____.
0428	649.0220 Temporary Marking Line Epoxy 8-Inch	9,046.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0430	649.0250 Temporary Marking Line Removable Tape 8-Inch	8,367.000 LF	_____.	_____.
0432	649.0520 Temporary Marking Arrow Epoxy	35.000 EACH	_____.	_____.
0434	649.0760 Temporary Marking Raised Pavement Marker Type I	404.000 EACH	_____.	_____.
0436	649.0820 Temporary Marking Stop Line Epoxy 18-Inch	1,454.000 LF	_____.	_____.
0438	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	1,075.000 LF	_____.	_____.
0440	649.0920 Temporary Marking Diagonal Epoxy 12-Inch	378.000 LF	_____.	_____.
0442	649.0950 Temporary Marking Diagonal Removable Tape 12-Inch	437.000 LF	_____.	_____.
0444	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	9,132.000 LF	_____.	_____.
0446	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	12,884.000 LF	_____.	_____.
0448	652.0700.S Install Conduit into Existing Item	4.000 EACH	_____.	_____.
0450	652.0800 Conduit Loop Detector	13,040.000 LF	_____.	_____.
0452	653.0135 Pull Boxes Steel 24x36-Inch	44.000 EACH	_____.	_____.
0454	653.0140 Pull Boxes Steel 24x42-Inch	93.000 EACH	_____.	_____.
0456	653.0154 Pull Boxes Non-Conductive 24x36-Inch	15.000 EACH	_____.	_____.
0458	653.0164 Pull Boxes Non-Conductive 24x42-Inch	12.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0460	653.0905 Removing Pull Boxes	77.000 EACH	_____.	_____.
0462	654.0101 Concrete Bases Type 1	37.000 EACH	_____.	_____.
0464	654.0102 Concrete Bases Type 2	6.000 EACH	_____.	_____.
0466	654.0107 Concrete Bases Type 7	21.000 EACH	_____.	_____.
0468	654.0110 Concrete Bases Type 10	7.000 EACH	_____.	_____.
0470	654.0113 Concrete Bases Type 13	6.000 EACH	_____.	_____.
0472	654.0217 Concrete Control Cabinet Bases Type 9 Special	4.000 EACH	_____.	_____.
0474	654.0230 Concrete Control Cabinet Bases Type L30	1.000 EACH	_____.	_____.
0476	655.0210 Cable Traffic Signal 3-14 AWG	7,638.000 LF	_____.	_____.
0478	655.0230 Cable Traffic Signal 5-14 AWG	5,188.000 LF	_____.	_____.
0480	655.0235 Cable Traffic Signal 7-12 AWG	1,446.000 LF	_____.	_____.
0482	655.0240 Cable Traffic Signal 7-14 AWG	10,006.000 LF	_____.	_____.
0484	655.0255 Cable Traffic Signal 12-12 AWG	1,380.000 LF	_____.	_____.
0486	655.0260 Cable Traffic Signal 12-14 AWG	10,608.000 LF	_____.	_____.
0488	655.0265 Cable Traffic Signal 15-12 AWG	628.000 LF	_____.	_____.
0490	655.0270 Cable Traffic Signal 15-14 AWG	2,589.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0492	655.0320 Cable Type UF 2-10 AWG Grounded	6,338.000 LF	_____.	_____.
0494	655.0325 Cable Type UF 2-8 AWG Grounded	314.000 LF	_____.	_____.
0496	655.0510 Electrical Wire Traffic Signals 12 AWG	8,777.000 LF	_____.	_____.
0498	655.0515 Electrical Wire Traffic Signals 10 AWG	19,663.000 LF	_____.	_____.
0500	655.0520 Electrical Wire Traffic Signals 8 AWG	628.000 LF	_____.	_____.
0502	655.0610 Electrical Wire Lighting 12 AWG	10,866.000 LF	_____.	_____.
0504	655.0620 Electrical Wire Lighting 8 AWG	13,885.000 LF	_____.	_____.
0506	655.0625 Electrical Wire Lighting 6 AWG	3,650.000 LF	_____.	_____.
0508	655.0640 Electrical Wire Lighting 1 AWG	18.000 LF	_____.	_____.
0510	655.0700 Loop Detector Lead In Cable	57,545.000 LF	_____.	_____.
0512	655.0800 Loop Detector Wire	48,234.000 LF	_____.	_____.
0514	655.0900 Traffic Signal EVP Detector Cable	7,638.000 LF	_____.	_____.
0516	656.0200 Electrical Service Meter Breaker Pedestal (location) 3001. STH 20 & W Frontage Rd	LS	LUMP SUM	_____.
0518	656.0200 Electrical Service Meter Breaker Pedestal (location) 3002. IH-94 Ramps & STH 20	LS	LUMP SUM	_____.
0520	656.0200 Electrical Service Meter Breaker Pedestal (location) 3003. STH 20 & E Frontage Rd	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0522	656.0200 Electrical Service Meter Breaker Pedestal (location) 3004. STH 20 & Red Cloud Drive	LS	LUMP SUM	_____.
0524	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 0001. HL-51-RZ	LS	LUMP SUM	_____.
0526	657.0100 Pedestal Bases	46.000 EACH	_____.	_____.
0528	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	6.000 EACH	_____.	_____.
0530	657.0310 Poles Type 3	6.000 EACH	_____.	_____.
0532	657.0330 Poles Type 7	21.000 EACH	_____.	_____.
0534	657.0405 Traffic Signal Standards Aluminum 3.5-FT	1.000 EACH	_____.	_____.
0536	657.0420 Traffic Signal Standards Aluminum 13-FT	26.000 EACH	_____.	_____.
0538	657.0425 Traffic Signal Standards Aluminum 15-FT	16.000 EACH	_____.	_____.
0540	657.0430 Traffic Signal Standards Aluminum 10-FT	3.000 EACH	_____.	_____.
0542	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	11.000 EACH	_____.	_____.
0544	657.0630 Luminaire Arms Single Member 6-Inch Clamp 8-FT	13.000 EACH	_____.	_____.
0546	657.0635 Luminaire Arms Single Member 6-Inch Clamp 10-FT	16.000 EACH	_____.	_____.
0548	658.0173 Traffic Signal Face 3S 12-Inch	116.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0550	658.0174 Traffic Signal Face 4S 12-Inch	29.000 EACH	_____.	_____.
0552	658.0416 Pedestrian Signal Face 16-Inch	14.000 EACH	_____.	_____.
0554	658.0500 Pedestrian Push Buttons	15.000 EACH	_____.	_____.
0556	658.5069 Signal Mounting Hardware (location) 3001. STH 20 & W Frontage Rd	LS	LUMP SUM	_____.
0558	658.5069 Signal Mounting Hardware (location) 3002. IH-94 Ramps & STH 20	LS	LUMP SUM	_____.
0560	658.5069 Signal Mounting Hardware (location) 3003. STH 20 & E Frontage Rd	LS	LUMP SUM	_____.
0562	658.5069 Signal Mounting Hardware (location) 3004. STH 20 & Red Cloud Drive	LS	LUMP SUM	_____.
0564	658.5069 Signal Mounting Hardware (location) 3005. STH 20 & CTH H/Renaissance Blvd	LS	LUMP SUM	_____.
0566	659.1125 Luminaires Utility LED C	76.000 EACH	_____.	_____.
0568	661.0200 Temporary Traffic Signals for Intersections (location) 3001. STH 20 & W Frontage Rd	LS	LUMP SUM	_____.
0570	661.0200 Temporary Traffic Signals for Intersections (location) 3002. IH-94 EB Ramps & STH 20	LS	LUMP SUM	_____.
0572	661.0200 Temporary Traffic Signals for Intersections (location) 3003. IH-94 WB Ramps & STH 20	LS	LUMP SUM	_____.
0574	661.0200 Temporary Traffic Signals for Intersections (location) 3004. STH 20 & E Frontage Rd	LS	LUMP SUM	_____.





Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0576	661.0200 Temporary Traffic Signals for Intersections (location) 3005. STH 20 & CTH H/Renaissance Blvd	LS	LUMP SUM	_____.
0578	662.6030.S Ramp Closure Barricade Rack 3-Unit	2.000 EACH	_____.	_____.
0580	670.0100 Field System Integrator 0001. 1033-02-71 Lighting	LS	LUMP SUM	_____.
0582	670.0100 Field System Integrator 3001. 1033-02-71 Signals	LS	LUMP SUM	_____.
0584	670.0200 ITS Documentation 0001. 1033-02-71 Lighting	LS	LUMP SUM	_____.
0586	670.0200 ITS Documentation 3001. 1033-02-71 Signals	LS	LUMP SUM	_____.
0588	671.0122 Conduit HDPE 2-Duct 2-Inch	1,855.000 LF	_____.	_____.
0590	671.0132 Conduit HDPE 3-Duct 2-Inch	6,095.000 LF	_____.	_____.
0592	671.0232 Conduit HDPE Directional Bore 3-Duct 2-Inch	205.000 LF	_____.	_____.
0594	673.0105 Communication Vault Type 1	7.000 EACH	_____.	_____.
0596	673.0200 Tracer Wire Marker Posts	1.000 EACH	_____.	_____.
0598	674.0300 Remove Cable	1,860.000 LF	_____.	_____.
0600	674.0400 Reinstall Cable	110.000 LF	_____.	_____.
0602	678.0036 Install Fiber Optic Cable Outdoor Plant 36-CT	13,284.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0604	678.0200 Fiber Optic Splice Enclosure	6.000 EACH	_____.	_____.
0606	678.0300 Fiber Optic Splice	96.000 EACH	_____.	_____.
0608	678.0500 Communication System Testing 0001. 1033-02-71 Lighting	LS	LUMP SUM	_____.
0610	678.0500 Communication System Testing 3001. 1033-02-71 Signals	LS	LUMP SUM	_____.
0612	678.0600 Install Ethernet Switches	5.000 EACH	_____.	_____.
0614	690.0150 Sawing Asphalt	9,597.000 LF	_____.	_____.
0616	690.0250 Sawing Concrete	10,662.000 LF	_____.	_____.
0618	715.0415 Incentive Strength Concrete Pavement	34,078.000 DOL	1.00000	34,078.00
0620	715.0710 Optimized Aggregate Gradation Incentive	122,150.000 DOL	1.00000	122,150.00
0622	740.0440 Incentive IRI Ride	17,207.000 DOL	1.00000	17,207.00
0624	SPV.0035 Special 0001. EBS Excavation	27,523.000 CY	_____.	_____.
0626	SPV.0035 Special 0002. EBS Backfill	27,523.000 CY	_____.	_____.
0628	SPV.0035 Special 0003. Roadway Embankment	22,968.000 CY	_____.	_____.
0630	SPV.0035 Special 0004. Backfill Slurry	500.000 CY	_____.	_____.
0632	SPV.0060 Special 0001. Manholes 9-FT Diameter	5.000 EACH	_____.	_____.
0634	SPV.0060 Special 0002. Manholes 10-FT Diameter	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0636	SPV.0060 Special 0003. Exposing Existing Infrastructure Unpaved Area	4.000 EACH	_____.	_____.
0638	SPV.0060 Special 0004. Exposing Existing Infrastructure Paved Area	4.000 EACH	_____.	_____.
0640	SPV.0060 Special 0005. Baseline CPM Progress Schedule	1.000 EACH	_____.	_____.
0642	SPV.0060 Special 0006. Monthly CPM Progress Schedule Updates 1033-02-71	10.000 EACH	_____.	_____.
0644	SPV.0060 Special 0007. Monthly CPM Progress Schedule Updates 1033-02-76	2.000 EACH	_____.	_____.
0646	SPV.0060 Special 0008. Marking Contrast Epoxy Special Marking Arrow	73.000 EACH	_____.	_____.
0648	SPV.0060 Special 0009. Marking Contrast Epoxy Special Marking Word	32.000 EACH	_____.	_____.
0650	SPV.0060 Special 0010. Reconnect Storm Sewer	2.000 EACH	_____.	_____.
0652	SPV.0060 Special 0029. Permanent Barricades Type III	12.000 EACH	_____.	_____.
0654	SPV.0060 Special 0034. Mobilizations Emergency Pavement Repair	5.000 EACH	_____.	_____.
0656	SPV.0060 Special 1000. Distribution Center Salvaged	1.000 EACH	_____.	_____.
0658	SPV.0060 Special 3001. Pull Box Rims & Covers	15.000 EACH	_____.	_____.
0660	SPV.0060 Special 3002. Removing Pull Box Rims & Covers	15.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0662	SPV.0060 Special 3003. Concrete Control Cabinet Base Type 9 Special Modified	1.000 EACH	_____.	_____.
0664	SPV.0060 Special 3004. Install Poles Type 10	7.000 EACH	_____.	_____.
0666	SPV.0060 Special 3005. Install Poles Type 9 Special	3.000 EACH	_____.	_____.
0668	SPV.0060 Special 3006. Install Poles Type 10 Special	9.000 EACH	_____.	_____.
0670	SPV.0060 Special 3007. Install Poles Type 12	1.000 EACH	_____.	_____.
0672	SPV.0060 Special 3008. Install Poles Type 13	5.000 EACH	_____.	_____.
0674	SPV.0060 Special 3009. Install Monotube Arms 20-FT	2.000 EACH	_____.	_____.
0676	SPV.0060 Special 3010. Install Monotube Arms 25-FT	2.000 EACH	_____.	_____.
0678	SPV.0060 Special 3011. Install Monotube Arms 30-FT	3.000 EACH	_____.	_____.
0680	SPV.0060 Special 3012. Install Monotube Arms 35-FT Type 9/10 Spec Pole	6.000 EACH	_____.	_____.
0682	SPV.0060 Special 3013. Install Monotube Arms 45-FT Type 9/10 Spec Pole	6.000 EACH	_____.	_____.
0684	SPV.0060 Special 3014. Install Monotube Arms 50-FT	1.000 EACH	_____.	_____.
0686	SPV.0060 Special 3015. Install Monotube Arms 55-FT	5.000 EACH	_____.	_____.
0688	SPV.0060 Special 3016. Install Luminaire Arms Steel 15-FT	36.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0690	SPV.0060 Special 3017. Concrete Bases Type 10 Special	12.000 EACH	_____.	_____.
0692	SPV.0060 Special 3018. Bicycle Signal Face 3S 12-Inch	1.000 EACH	_____.	_____.
0694	SPV.0060 Special 5000. Adjusting Sanitary Manhole Mt. Pleasant	1.000 EACH	_____.	_____.
0696	SPV.0060 Special 5001. Reconstructing Sanitary Manhole Mt. Pleasant	4.000 EACH	_____.	_____.
0698	SPV.0060 Special 5002. Adjusting Sanitary Manhole Yorkville	4.000 EACH	_____.	_____.
0700	SPV.0060 Special 5003. Reconstructing Sanitary Manhole Yorkville	3.000 EACH	_____.	_____.
0702	SPV.0060 Special 5004. Adjusting Water Valves	10.000 EACH	_____.	_____.
0704	SPV.0060 Special 5005. Hydrant Assembly Adjustment	3.000 EACH	_____.	_____.
0706	SPV.0060 Special 5006. Hydrant Assembly Relocation	2.000 EACH	_____.	_____.
0708	SPV.0075 Special 0001. Pavement Cleanup Project 1033-02-71	400.000 HRS	_____.	_____.
0710	SPV.0075 Special 0002. Pavement Cleanup Project 1033-02-76	20.000 HRS	_____.	_____.
0712	SPV.0090 Special 0001. Concrete Curb & Gutter 4-Inch Sloped 60-Inch Type A	306.000 LF	_____.	_____.
0714	SPV.0090 Special 0002. Concrete Curb & Gutter 6-Inch Sloped 24-Inch Type A	1,083.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0716	SPV.0090 Special 0003. Maintain and Remove Concrete Barrier Temporary Precast	361.000 LF	_____.	_____.
0718	SPV.0090 Special 0004. Drain Slotted Vane Longitudinal Temporary	523.000 LF	_____.	_____.
0720	SPV.0090 Special 2000. Adjust Conduit	25.000 LF	_____.	_____.
0722	SPV.0090 Special 3001. Fiber Optic Warning Tape	7,515.000 LF	_____.	_____.
0724	SPV.0105 Special 0001. Survey Project 1033-02-71	LS	LUMP SUM	_____.
0726	SPV.0105 Special 0002. Survey Project 1033-02-76	LS	LUMP SUM	_____.
0728	SPV.0105 Special 1000. Lighting System Integrator	LS	LUMP SUM	_____.
0730	SPV.0105 Special 1001. Lighting System Survey	LS	LUMP SUM	_____.
0732	SPV.0105 Special 2000. Temporary CCTV Power	LS	LUMP SUM	_____.
0734	SPV.0105 Special 3001. Trnspt & Install State Furn Traffic Signal Cabinet STH 20 & W Frontage Rd	LS	LUMP SUM	_____.
0736	SPV.0105 Special 3002. Trnspt & Install State Furn Traf Signal Cabinet IH-94 Ramps & STH 20 (CB1)	LS	LUMP SUM	_____.
0738	SPV.0105 Special 3003. Trnspt & Install State Furn Traf Signal Cabinet IH-94 Ramps & STH 20 (CB2)	LS	LUMP SUM	_____.
0740	SPV.0105 Special 3004. Trnspt & Install State Furn Traffic Signal Cabinet STH 20 & E Frontage Rd	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0742	SPV.0105 Special 3005. Trspt and Install State Furn Traffic Signal Cabinet STH 20 & Red Cloud Dr	LS	LUMP SUM	_____.
0744	SPV.0105 Special 3006. Trnspt Traf Signal & Intersection Lighting Material STH 20 & W Frontage Rd	LS	LUMP SUM	_____.
0746	SPV.0105 Special 3007. Trnspt Traf Signal & Intersection Lighting Material IH-94 Ramps & STH 20	LS	LUMP SUM	_____.
0748	SPV.0105 Special 3008. Trnspt Traf Signal & Intersection Lighting Material STH 20 & E Frontage Rd	LS	LUMP SUM	_____.
0750	SPV.0105 Special 3009. Trnspt Traf Signal & Intersection Lighting Materials STH 20 & Red Cloud Dr	LS	LUMP SUM	_____.
0752	SPV.0105 Special 3010. Trnspt Traf Signal & Intersection Lighting Material STH 20 & CTH H	LS	LUMP SUM	_____.
0754	SPV.0105 Special 3011. Trnspt & Install State Furn EVP Det Head & Conf Light STH 20 & W Frontage	LS	LUMP SUM	_____.
0756	SPV.0105 Special 3012. Trnspt & Install State Furn EVP Det Head & Conf Light IH 94 Ramps & STH 20	LS	LUMP SUM	_____.
0758	SPV.0105 Special 3013. Trnspt & Install State Furn EVP Det Head & Conf Light STH 20 & E Frontage	LS	LUMP SUM	_____.
0760	SPV.0105 Special 3014. Trnspt & Install State Furn EVP Det Head & Conf Light STH 20 & Red Cloud	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0762	SPV.0105 Special 3015. Trnspt & Install State Furn EVP Det Head & Conf Light STH 20 & CTH H	LS	LUMP SUM	_____.
0764	SPV.0105 Special 3016. Temporary Infrared EVP System STH 20 & CTH H/Renaissance Blvd	LS	LUMP SUM	_____.
0766	SPV.0105 Special 3017. Trnspt and Install State Furn Radar Detection System STH 20 & Red Cloud Dr	LS	LUMP SUM	_____.
0768	SPV.0105 Special 3018. Trnspt & Install State Furn Fiber Optic Cable Pigtail 8-CT CB1 (S51- 0728)	LS	LUMP SUM	_____.
0770	SPV.0105 Special 3019. Trnspt & Install State Furn Fiber Optic Cable Pigtail 8-CT CB1 (S51- 0324)	LS	LUMP SUM	_____.
0772	SPV.0105 Special 3020. Trnspt & Install State Furn Fiber Optic Cable Pigtail 8-CT CB1 (S51- 0727)	LS	LUMP SUM	_____.
0774	SPV.0105 Special 3021. Trnspt & Install State Furn Fiber Optic Cable Pigtail 8-CT CB1 (S51- 1478)	LS	LUMP SUM	_____.
0776	SPV.0135 Special 0001. Field Office Special	10.000 MON	_____.	_____.
0778	SPV.0170 Special 0001. Removal and Disposal of Invasive Plant Species	3.000 STA	_____.	_____.
0780	SPV.0195 Special 0001. Soil Drying Treatment	130.000 TON	_____.	_____.
0782	SPV.0195 Special 0002. Subgrade Strengthening Treatment	1,549.000 TON	_____.	_____.
0784	305.0110 Base Aggregate Dense 3/4-Inch	954.000 TON	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20200211013 Project(s): 1033-02-71, 1033-02-76

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0786	305.0120 Base Aggregate Dense 1 1/4-Inch	62,086.000 TON	_____.	_____.
0788	312.0110 Select Crushed Material	109,418.000 TON	_____.	_____.
0790	643.0920 Traffic Control Covering Signs Type II	120.000 EACH	_____.	_____.
0792	661.0200 Temporary Traffic Signals for Intersections (location) 3006. IH-94 West Frontage Rd & CTH C/Spring St	LS	LUMP SUM	_____.
0794	661.0200 Temporary Traffic Signals for Intersections (location) 3007. IH-94 East Frontage Rd & CTH C/Spring St	LS	LUMP SUM	_____.
0796	677.0200 Install Camera Assembly	2.000 EACH	_____.	_____.
0798	SPV.0090 Special 0005. Concrete Curb & Gutter HES 6-Inch Sloped 36-Inch Type A	1,327.000 LF	_____.	_____.
0800	SPV.0105 Special 3022. Temp Non-Intrusive Veh Detect Sys IH-94 W Frontage Rd & CTH C/Spring St	LS	LUMP SUM	_____.
0802	SPV.0105 Special 3022. Temp Non-Intrusive Veh Detect Sys IH-94 E Frontage Rd & CTH C/Spring St	LS	LUMP SUM	_____.
<b>Section: 0001</b>			<b>Total:</b>	_____.
			<b>Total Bid:</b>	_____.

