



Wisconsin Department of Transportation

February 9, 2018

Division of Transportation Systems Development

Bureau of Project Development
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NOTICE TO ALL CONTRACTORS:

**Proposal #34: 1035-04-71, WISC 2018 170
N-S Freeway, Ken&Rac Work Zone Prep
Sth 142 to Cth G
IH 41
Racine County/Kenosha County**

Letting of February 13, 2018

This is Addendum No. 02, which provides for the following:

Special Provisions

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress

Added Special Provisions	
Article No.	Description
79.	Notice to Contractor – Media Relations
80	Temporary Emergency Pullouts, Item 205.3000.S
81	Field Office Left In Place Special, Item SPV.0060.020
82	Cleaning Deck Drains, Item SPV.0060.021
83	Fastening Sewer Access Covers, Item SPV.0060.052
84	Apron Endwalls for Culvert Pipe Salvaged 15-Inch, Item SPV.0060.065
85	HMA Transverse Joint Repair, Item SPV.0195.015
86	Signs Type I and II

Deleted Special Provisions	
Article No.	Description
63	Welding Sewer Access Covers, Item SPV.0060.052

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0100	Removing Pavement	SY	6,611	103	6,714
204.0109.S	Removing Concrete Surface Partial Depth	SF	457,843	1,000	458,843
204.0120	Removing Asphaltic Surface Milling	SY	1,627	1,280	2,907
204.0157	Removing Concrete Barrier	LF	13,823	50	13,873
204.0220	Removing Inlets	EACH	6	-2	4
204.0280	Sealing Pipes	EACH	16	-14	2
205.0100	Excavation Common	CY	16,268	402	16,670
305.0120	Base Aggregate Dense 1-1/4 Inch	TON	12,991	1,150	14,141
455.0605	Tack Coat	GAL	7,047	64	7,111
460.2000	Incentive Density HMA Pavement	DOL	6,422	250	6,672
460.6223	HMA Pavement 3 MT 58-28 S	TON	10,037	390	10,427
465.0125	Asphaltic Surface Temporary	TON	6,205	160	6,365
608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	15	-7	8
608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	314	254	568
608.0442	Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	LF	25	333	358
608.2329	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class He-III 29x45-Inch	LF	41	-29	12
608.2334	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class He-III 34x53-Inch	LF	240	-221	19
611.0430	Reconstructing Inlets	EACH	8	22	30
611.0610	Inlet Covers Type BW	EACH	31	39	70
611.2005	Manhole 5-Ft Diameter	EACH	3	-2	1
611.2006	Manhole 6-Ft Diameter	EACH	8	-6	2
611.2008	Manhole 8-Ft Diameter	EACH	5	-1	4
611.3004	Inlets 4-Ft Diameter	EACH	6	54	60
625.0100	Topsoil	SY	8,966	1,863	10,829
628.2004	Erosion Mat Class I Type B	SY	6,763	1,863	8,625
628.7504	Temporary Ditch Checks	LF	473	125	598
629.0210	Fertilizer Type B	CWT	7.9	1.4	9.3
630.0120	Seeding Mixture No. 20	LB	153	60	213
630.0200	Seeding Temporary	LB	268	60	328
638.2102	Moving Signs Type li	EACH	76	6	82
646.1020	Marking Line Epoxy 4-Inch	LF	128,873	560	129,433
646.3020	Marking Line Epoxy 8-Inch	LF	14,058	385	14,443
646.9010	Marking Removal Line Water Blasting 4-Inch	LF	18,753	150	18,903
690.0150	Sawing Asphalt	LF	3,918	362	4,280
690.0250	Sawing Concrete	LF	88,312	180	88,492
SPV.0060.092	Reconnect Storm Sewer	EACH	16	55	71
SPV.0090.052	Drain Slotted Vane Longitudinal	LF	4,984	-883	4,101

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.3000.S	Temporary Emergency Pullouts	EACH	0	5	5
416.1720	Concrete Pavement Replacement	SY	0	410	410
522.2629	Apron Endwalls For Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	EACH	0	2	2
603.0105	Concrete Barrier Single-Faced 32-Inch	LF	0	50	50
603.0205	Concrete Barrier Double-Faced 32-Inch	LF	0	50	50
611.8115	Adjusting Inlet Covers	EACH	0	18	18
634.0614	Posts Wood 4x6-Inch X 14-Ft	EACH	0	8	8
637.1220	Signs Type I Reflective SH	SF	0	120	120
637.2210	Signs Type II Reflective H	SF	0	45	45
641.8100.01	Overhead Sign Support Structure S-30-262	LS	0	1	1
646.5020	Marking Arrow Epoxy	EACH	0	4	4
646.5120	Marking Word Epoxy	EACH	0	1	1
SPV.0060.020	Field Office Left In Place Special	EACH	0	1	1
SPV.0060.021	Cleaning Deck Drains	EACH	0	36	36
SPV.0060.052	Fastening Sewer Access Covers	EACH	0	82	82
SPV.0060.065	Apron Endwalls For Culvert Pipe Reinforced Concrete Salvaged 15-Inch	EACH	0	1	1
SPV.0195.015	HMA Transverse Joint Repair	TON	0	36	36

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
608.0415	Storm Sewer Pipe Reinforced Concrete Class Iv 15-Inch	LF	281	-281	0
608.0436	Storm Sewer Pipe Reinforced Concrete Class Iv 36-Inch	LF	1,168	-1,168	0
611.0535	Manhole Covers Type J-Special	EACH	1	-1	0
611.3003	Inlets 3-Ft Diameter	EACH	7	-7	0
611.8120.S	Cover Plates Temporary	EACH	2	-2	0
SPV.0060.003	Cover Plate Left In Place	EACH	2	-2	0
SPV.0060.052	Welding Sewer Access Covers	EACH	29	-29	0
SPV.0135.002	Field Office Special	MO	3	-3	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
3	General Notes (Added notes)
22	Construction Details (Revised ingress/egress)
58-60, 62	Storm Sewer (Revised drainage due to staging revision)
114, 121A-121F, 151-167, 172	Traffic Control (Added and updated speed limit signs for speed reduction, updated barrier callouts, edited storm sewer notes)
217-219, 223, 225, 226, 229-235, 238-241	Miscellaneous Quantities (Revisions to various repair, drainage, traffic control items)
262-266	Plans (Added inlets)
308	SDD – Pavement Marking (Turn Lanes)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
57A-57B, 62A-62F	Storm Sewer (added drainage due to staging revision)
64A, 64B	Construction Details (Added Overhead Sign Support)
226A, 230A, 231A, 231B, 241A	Miscellaneous Quantities (Revisions to various repair, drainage, traffic control items)
269A	Plan (added STH 20 SB Exit Ramp work)
285A-C	SDD – Concrete Pavement Repair and Placement
306A	SDD – Pavement Marking Words
306B	SDD – Pavement Marking Symbols
309A	SDD – 36" Diameter Cantilever Overhead Sign Support Base
311A	SDD – Temporary Emergency Pullouts
327A	Standard Sign Plate A4-6 – Attachment of Guide Signs to Supports
327B	Standard Sign Plate A4-7 – Type I Sign Connection to Overhead Sign Support
331A	Standard Sign Plate A5-2 – Aluminum Extrusions for Type I Signs
336A	Standard Sign Plate R3-8P – Standard Sign R3-P & R3-Q
584A to J	Cross Sections (added STH 20 SB Exit Ramp work)

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
61	Storm Sewer (deleted due to staging revision)
239A	Miscellaneous Quantities (Revisions to traffic control items)

Other

Revise the Contract Time for Completion from a Completion Date of December 1, 2018 to a Completion date of June 30, 2018.

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. 02
1035-04-71
February 8, 2018

Special Provisions

3. Prosecution and Progress.

*Replace entire section titled **A Schedule of Operations** with the following:*

A Schedule of Operations

The department anticipates that the schedule for each stage shall be as follows below, unless modifications are approved in writing by the engineer.

Stage 1A activities shall include construction of:

- Temporary widening along outside shoulder of Southbound IH 94 from STH 142 to CTH G.
- Concrete shoulder repairs, partial depth concrete surface removal, and HMA pavement overlay on existing outside shoulder of Southbound IH 94 from STH 142 to CTH G and on existing outside shoulder of Northbound IH 94 from STH 20 to CTH K.
- Culvert pipe extensions.

Keep IH 94 open to through traffic in both directions. Close the IH 94 Southbound outside lane to traffic from STH 142 to CTH G. Close the IH 94 Northbound outside lane to traffic from STH 20 to CTH K. Use nighttime lane closures as needed to install traffic control devices and pavement markings. Use nighttime ramp closures as needed to perform construction near and along ramps.

Stage 1B activities shall include construction of:

- Median concrete shoulder repairs, vane drain removals, inlet reconstruction, sign structure removals, storm sewer and temporary drainage, rumble strip removal, and profile milling of the IH 94 Southbound median shoulder from STH 142 to CTH G.

Keep IH 94 open to through traffic in both directions. Keep all ramps open to traffic. Close the IH 94 Southbound inside lane to traffic from STH 142 to CTH G. Close the IH 94 Northbound inside lane to traffic from STH 20 to CTH G.

In each stage, complete the construction operations from STH 142 to STH 20 prior to beginning work from STH 20 to CTH G.

*Replace paragraph two under the section titled **Interim Completion of Work** with the following:*

If the contractor fails to complete all work, except maintenance of asphalt pavements placed under this contract and concrete barrier temporary precast, on project 1035-04-71 prior to 12:01 AM May 1, 2018, the department will assess the contractor \$20,000.00 in interim liquidated damages for each calendar day contract work remains incomplete beyond 12:01 AM May 1, 2018. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

Asphalt pavements placed under this contract and concrete barrier temporary precast items shall be maintained until the completion date of this contract or the start of construction of contracts 1030-23-72 (STH 142 to STH 20) and 1030-11-72 (STH 20 to CTH G) whichever comes first.

63. DELETED.

79. Notice to Contractor – Media Relations

- a. The Contractor shall not disseminate or publicize this Agreement, information relating to this Agreement, their work responsibilities, or generally comment about the entire project without prior written consent from one of the Department's designated Project Communications Leaders listed under Section 1(d).
- b. The Contractor will refer all information requests or interview requests made by external parties, including media sources, to all of the Department's designated Project Communications Leaders listed under Section 1(d).
- c. The Contractor agrees to coordinate with the Department as to the form, content and timing of any public announcement of this Agreement.
- d. The Project Communications Leaders for the Department shall be:
 - i. The Department's Project Manager
 - ii. Becky Kikkert
4802 Sheboygan Avenue
Madison, WI 53705
Phone: (608) 266-3581
Email: rebecca.kikkert@dot.wi.gov
 - iii. Michael Pyritz
141 NW Barstow Street
P.O. Box 798
Waukesha, WI 53188
Phone: (262) 521-5373
Email: michael.pyritz@dot.wi.gov
- e. Noncompliance with this contract provision may result in removal of contractor personnel from the project or suspension of work in accordance with Wisconsin Department of Transportation Standard Specification 108.6 applicable under the contract.

Notwithstanding anything to the contrary contained herein, no provision of this Agreement shall be interpreted to impede the Contractor, or any individual, from reporting possible violations of state or federal law to any governmental agency or entity, or from making other disclosures under the whistleblower provisions of state or federal law. The Contractor does not need the prior authorization of the Department to make any such reports or disclosures and the Contractor shall not be required to notify the Department that such reports or disclosures have been made.

80. Temporary Emergency Pullouts, Item 205.3000.S.

A Description

This special provision describes grading, furnishing, and placing crushed aggregate base course and signs to construct temporary emergency pullouts. This item also includes the removal of the pullouts including furnishing and placing finishing items. The final location of each pullout shall be determined by the engineer.

B (Vacant)

C Construction

Dispose of all surplus and unsuitable material as specified in standard spec 205.3.12.

D Measurement

The department will measure Temporary Emergency Pullouts acceptably completed by the unit.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
205.3000.S	Temporary Emergency Pullouts	EACH

Payment is full compensation for grading, shaping, and compacting; providing and placing crushed aggregate base course; providing and placing signs; removing as required; and for providing and placing topsoil, fertilizer, seed, and mulch.

81. Field Office Left in Place Special, Item SPV.0060.020.

A Description

This special provision describes furnishing, equipping, and maintaining field office facilities from assembled Modular Field Office Units, and transferring the field office facilities to a subsequent contractor.

B Materials

Obtain engineer approval on the layout of field office that is to be constructed of 9 modular office building units that are a minimum of 56' long by 12' wide each and one additional equal size unit serving as a temporary lavatory. Each unit (unless is specified as a temporary lavatory unit) shall have separated private rooms on each end of the unit that measure a minimum of 11' x 12', or applicable layout approved by the engineer. Ensure that the units meet all local, state, and federal applicable health, fire, and building codes and standards.

The lavatory unit shall include temporary bathroom facilities for both men and women. The men's temporary bathroom facility shall have a minimum of 3 sinks, 4 barrier separated urinals, and 3 enclosed temporary toilet stalls. The women's temporary bathroom facility shall have a minimum of 2 sinks and 2 enclosed temporary toilet stalls. All water and septic lines to all units must withstand freezing conditions and remain operational during freezing conditions.

This field office will be located at the state owned park and ride at the southeast quadrant of the IH 94 and STH 11 interchange. Equip and maintain these facilities with suitable natural and artificial lighting. Also provide adequate heating and air conditioning equipment and fuel necessary to maintain a temperature range from 68 F to 80 F in all units during the hours occupied. All components of the heating and air conditioning system, including filters, shall be furnished, replaced, and maintained by the contractor.

Occupation of the field facility by the engineering staff shall be established within 10 calendar days of contract execution.

The contractor shall arrange and secure external power and landline data sources for the facility. Power and data shall be established prior to occupation of the facility. Provide one standalone shipping container, or engineer deemed equivalent, to serve as power/transformer and telecom data room with distribution panels to service entire distribution of field office. This standalone unit shall have a single access and secured main door. Line walls with ¾" fire rated plywood for attaching of electrical items. All cabling to be run with rigid PVC conduit as per local codes.

Equip:

- Doors and windows with locks.
- Exterior doors with dead bolt locks and an integrated proximity keypad access control system for entry.

- All windows shall be barred.
- Skirting for exterior of the modular units.
- Fire Alarms and Smoke Detectors per all local, state, and federal applicable health, fire, and building codes and standards.
- Windstrap tie downs Modular Office Building Units

Outfit main entrance of field office with an 8' wide x 30' long pressure treated wood deck constructed with 2"x6" and 4"x4" pressure treated wood types with various lengths. The entrance shall include stairs and a ramp that shall be ADA compliant and built per municipal building codes. The deck shall be fully constructed within 2 weeks when field office is occupied. A temporary stair unit to the entrance shall be supplied until deck is complete. Construct OSHA compliant railings as required around perimeter of deck, stairs, and ramp.

Supply a first aid kit in each field office provided under the contract. Ensure the kits are readily accessible to project personnel per OSHA 1910.151 and meet the minimum requirements of ANSI Z308.1-1998. Check and replenish the contents of each kit at least once a week. Ensure that each kit contains, at a minimum, a supply of nitrile examination gloves, CPR masks, adhesive tape, pressure and cling bandages, antiseptic wipes, bite/sting swabs, cold packs, and safety goggles.

Equip each modular unit with a 6-pound or larger fire extinguisher conforming to class A, B, and C of the NFPA Code. Inspection and maintenance of all fire extinguishers shall be incidental to the field office.

Total area of at least 6,720 square feet interior useable floor space, including shared spaces, such as office areas, storage areas, conference rooms, meeting areas, hallways, and temporary toilet facilities.

Provide; maintain in clean good working condition; and stock lavatories with sanitary supplies, including a sufficient supply of soap; hand sanitizer; toilet paper; and paper towels. The on-site sanitary facilities must meet Federal, State, and local health department requirements at all times. Comply with OSHA standards for number of sanitary facilities required.

Obtain engineer's approval of suitably sized, open meeting areas as follows:

Meeting Area 1: Should include tables and folding chairs to accommodate regularly scheduled meetings of 50 people. The meeting room shall include a wireless ceiling mounted 1080-pixel liquid crystal display projector with a minimum of 3,000 lumens, a 4' x 8' white board, and phone jack. Minimum space of 30' x 20' needed for Meeting Area 1.

Meeting Area 2: Should include tables and folding tables to accommodate regularly scheduled meetings of 30 people. The meeting room shall include a 4' x 8' white board and a phone jack. Minimum space of 18' x 20' needed for Meeting Area 2.

At the main entrance of the office, provide a common area with desk and phone jack.

Provide 9 private rooms with a minimum of 120 sf each, additionally equipped with 3 72"x30" folding tables, a four-shelf bookcase, a large lockable metal storage cabinet, and 3 110V electrical outlets.

Provide 9 private rooms with a minimum of 120 sf each, additionally equipped with 2 desks, one 72" x 30" folding table, a four-shelf bookcase, a large lockable metal storage cabinet, a fire proof 4-drawer file cabinet, 3 110V electrical outlets, and a 4' x 3' whiteboard with dry-erase markers. Supply the interior doors to these rooms with locks, independent of the main access key security

Provide 3 ergonomically correct office chairs in working condition, with, at a minimum, the following features, for each private room:

- Five-legged base with casters.
- High backrest.
- Seat adjustable from 15 inches to 22 inches from the floor with a "seamless waterfall, rounded front edge.

Provide an access controlled server room with a minimum of 100 sf, that can maintain a temperature range from 50 F to 75 F. The server room shall be equipped with an uninterruptible power supply, and 110 V electric outlets sufficient to run all necessary equipment. Contractor to provide separate wiring from server room to battery backup at power source for server room.

Provide at least 50 high speed broad band internet connections with a minimum download connection speed of 100 Mbps download, and 10 Mbps for uploads.

Use the state provided internet service provider, Badger Net, a BITS approved Dynamic IP Address (DHCP), a wireless router, a Digital Subscriber Loop (DSL) or Cable Modem Router. The package shall accommodate IPSec based VPN products. Coordinate network setup with Keith Waier at (608) 266-2492, two weeks in advance of work operations beginning at the field office.

Provide and install into the field office 4 four-line programmable touch-tone telephones and telephone exchanges with local and long distance service. At least one will be a cordless type operating at least 2.4 GHz. The voice exchanges are to be configured so that the incoming calls for any voice exchange utilize an open exchange. Furnish a voice mail answering service. The telephones and the communication services are for the sole use of the department staff.

Provide and maintain three new, wireless high-capacity color printer/photocopier/scanner capable of printing and copying up to 11" x 17" paper, with the ability to perform duplexing, sorting, stapling, and multiple sheet auto feeding, with a built-in scanner with the capability to scan black and white and color up to 11" x 17" at a minimum of 1200dpi, and with a network connection, as approved by the engineer.

Provide and maintain an adequate supply of bottled drinking water. Provide two refrigerators with a minimum 18 cubic foot capacity, including a freezer. Provide two microwave ovens with a minimum 1.1 cubic foot capacity, a minimum of 1000 watts, and a removable glass turntable.

Maintain the field office equipment and provide supplies for the photocopiers (paper and ink) as requested by the engineer.

Provide for the professional cleaning of the field office during regular business hours twice monthly. Have routine cleaning of the floors and mats of the trailer as requested by the engineer.

Provide clearly marked recycling and waste receptacles within the field office, and separate recycling and waste dumpsters near the field office. Cover outdoor containers to keep out rain, and snow. Provide regularly scheduled recycling and waste pick-up.

Include an adjacent, no-fee, lighted parking lot large enough to accommodate the needs of the field office at peak usage, as approved by the engineer. Maintain the parking lot and egress, including snow removal and salting of the parking lot and entrance steps/deck of the field office.

C Construction

Do not combine field offices, or combine them with, or attach them to, any buildings used by the contractor, unless the engineer allows in writing.

Do not begin construction operations requiring the use of the field offices by the department until the required field offices are approved by the engineer, furnished, fully equipped, and made ready for use as the engineer directs.

Maintain the field office until IH 94 North-South Freeway contract 1030-23-72 (STH 142 to STH 20) has been executed, anticipated to be May 1, 2018, and all facilities have been transferred to the 1030-23-72 contractor. Coordinate transfer of the Field Office Left in Place Special to the 1030-23-72 contractor, including all parking; lighting; field office units; office supplies, equipment, and furniture; lavatory supplies and equipment; secured access; telecommunications and IT equipment and services; utility services; cleaning and maintenance services; and all incidentals listed within this special provision.

These field facilities are for the sole use of the department. The field office shall remain available for department under this contract until the engineer approves its transfer to the 1030-23-72 contractor.

D Measurement

The department will measure Field Office Left In Place Special as each field office acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.020	Field Office Left In Place Special	EACH

Payment is full compensation for providing, equipping, all associated mobilizations of mobile modular office units, securing and providing employee access, cleaning and maintaining the facility and associated parking lot; for telecommunications equipment, installation, and service fees; and for providing all incidentals, including bottled water, refrigerator/freezer, microwave, utilities, fuel, safety, ventilation, maintenance of temporary toilet facilities, and office supplies as well as equipment and furniture as required, either independently or jointly, for the time specified in section C, and for coordination and transfer of all Field Office Left In Place Special facilities to the subsequent contractor.

82. Cleaning Deck Drains, Item SPV.0060.021.

A Description

This special provision describes the cleaning of deck drains on structures.

B Materials (Vacant)

C Construction

Clean the existing deck drains of dirt and debris. Dispose of all material as specified in standard spec 203.3.4.

D Measurement

The department will measure Cleaning Deck Drains as each individual deck drain acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.021	Cleaning Deck Drains	EACH

Payment for Cleaning Deck Drains is full compensation for cleaning the deck drain and for disposing of excess material and debris.

83. Fastening Sewer Access Covers, Item SPV.0060.052

A Description

This special provision describes sealing, maintaining, and removing sealant for sewer access covers.

B Materials

Furnish preformed butyl rubber based sealant conforming to ASTM C990 Section 6.2. Size the preformed joint sealant to fill the joint to 50% of its annular volume when assembled.

C Construction

Open the sewer access cover, inspect the frame and grate, and remove material that will interfere with the sealant application from the cover and casting. Apply sealant in a continuous ring around the frame without stretching. Knead the ends together with no overlap.

Monitor performance during the project and maintain as needed. Remove sealant after traffic is shifted into its final configuration.

D Measurement

The department will measure Fastening Sewer Access Covers as each individual cover acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.052	Fastening Sewer Access Covers	EACH

Payment is full compensation for providing and maintaining sealed covers; and removing sealant.

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84. Apron Endwalls for Culvert Pipe Salvaged 15-Inch, Item SPV.0060.065.

A Description

- (1) This special provision describes excavating and removing existing apron endwalls, and cleaning and reinstalling at locations the plan shows or the engineer directs.

B Materials

- (1) Use existing materials.

C Construction

- (1) If existing apron endwalls are designated for salvage and use in the new work, remove them from the existing location, clean, handle, and install at the location the plan shows without damaging the apron endwalls. Replace any material damaged by the contractor at no expense to the department.
- (2) Construct apron endwalls at the location shown in the plans as specified in 523.3.

D Measurement

- (1) The department will measure the Apron Endwalls for Culvert Pipe Salvaged bid item as each individual unit acceptably completed.

E Payment

- (1) The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.065	Apron Endwalls for Culvert Pipe Salvaged 15-Inch	EACH

- (2) Payment for the Apron Endwalls for Culvert Pipe Salvaged bid item is full compensation for excavating and removing apron endwalls from existing location; for cleaning, and installing apron endwalls, including bands or connectors; for all excavating, including forming bed; for geotextile wrap if required; for joint ties if required; and for backfilling.

85. HMA Transverse Joint Repair, Item SPV.0195.015.

A Description

This special provision describes providing transverse joint repairs in HMA pavements at bridges. Conform to standard spec 204, 315, 455, and 460, and as follows.

B Materials

Furnish asphaltic mixture as specified for type 3 MT 58-28 S under standard spec 460.2.

Provide tack coat conforming to standard spec 455.2.5.

C Construction

C.1 General

Remove an area two feet wide and at least to the full depth of asphaltic pavement; the engineer will determine the repair length. Remove damaged concrete pavement discovered below the asphalt during this removal, and replace with asphalt mixture.

Clean the existing exposed concrete pavement surface before placing tack coat.

Apply asphaltic materials the same day the joint is removed to prevent the entrance of water. Do not apply if weather or surface conditions are unfavorable or before impending rains.

Conform to standard spec 315.3.1 for placement of the HMA pavement.

Dispose of removed pavement and other waste materials outside of the project limits unless the engineer allows otherwise.

C.2 Maintenance

Maintain repaired joints during the contract. Remove and replace additional tack coat and HMA pavement if the engineer directs.

D Measurement

The department will measure HMA Transverse Joint Repair by the ton acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.015	HMA Transverse Joint Repair	TON

Payment for the HMA Transverse Joint Repair item is full compensation for providing the joint repair including removing the existing asphaltic surface and damaged concrete; for tack coat and asphaltic pavement mixture; and for maintaining the repair during the contract.

86. Signs Type I and II.

Furnish and install mounting brackets per approved product list for type II signs on overhead sign supports incidental to sign. For type II signs on sign bridges use aluminum vertical support beams noted above incidental to sign.

Supplement 637.2.4 of the standard specs with the following:

Use stainless steel bolts, washers and nuts for type I and type II signs mounted on sign bridges or type I signs mounted on overhead sign supports. Use clips on every joint for Sign Plate A 4-6 when mounted on a sign bridge or overhead sign support. Inspect installation of clips and assure bolts and nuts are tightened to manufacturers recommended torque values.

Use aluminum vertical sign support beams that have a 5-inch wide flange and weigh 3.7 pounds per foot, if the L-brackets are 4 inches wide then use 4 inch wide flange beams weighing 3.06 pounds per foot. Contractor shall measure the width of the L-brackets on existing structures of determine the width needed for sign support beams.

Use beams a minimum of six feet in length or equal to the height of the sign to be supported, whichever is greater. Use U-bolts that are made of stainless steel, one-half inch diameter and of the proper size to fit the truss cords of each sign bridge. Install vertical sign support beams on each sign and use new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss.

For type II signs on overhead sign supports follow the approved product list for mounting brackets.

Replace 637.2.4.1(2)2 of the standard specifications with the following:

Clips may be either stainless steel or aluminum conforming to ASTM B 108, alloy 356.0-T6.

Replace 637.3.3.2(2) of the standard specifications with the following:

Install Type I Signs at the offset stated in the plan, which shall be the clear distance between the edge of mainline pavement right edgeline and the near edge of the sign.

Supplement 637.3.3.3(3) of the standard specifications with the following:

Furnish and install new aluminum vertical sign support beams on each sign and new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss for Type I or Type II Signs and Type I signs on overhead sign supports incidental to sign.

Add the following to standard spec 641.2:

Submit shop drawings for sign bridges and overhead sign supports to SE Region Traffic Operations Engineer, Tom Heydel and Bureau of Structures.

SER-637.1 (20170405) U: mounting hardware for type I and II signs revised 4-6-17

Schedule of Items

Attached, dated February 9, 2018, are the revised Schedule of Items. Pages 1 - 12.

Plan Sheets

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

Revised: 3, 22, 58-60, 62, 114, 121A-121F, 151-167, 172, 217-219, 223, 225, 226, 229-235, 238-241, 262-266, and 308

Added: 57A-57B, 62A-62F, 64A, 64B, 226A, 230A, 231A, 231B, 241A, 269A, 285A-C, 306A-B, 309A, 311A, 327A-B, 331A, 336A, and 584A-J

Deleted: 61, 239A

END OF ADDENDUM

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS 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.

THE CONTRACTOR MUST CONTACT THE PROJECT ENGINEER AND SEWRPC (JOHN WASHBURN) AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY PUBLIC SURVEY MONUMENT.

ALL HOLES OR OPENINGS BELOW SUBGRADE RESULTING FROM ABANDONMENT OR REMOVAL OF EXISTING STRUCTURES SHALL BE FILLED WITH GRANULAR BACKFILL AS DIRECTED BY THE ENGINEER.

WHEN THE QUANTITY OF HMA PAVEMENT OR BASE AGGREGATE IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

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

PROVIDE TEMPORARY POSITIVE DRAINAGE ON THE NEWLY INSTALLED STORM SEWER SYSTEM UNTIL IT IS ABLE TO EFFECTIVELY DRAIN TO ITS INTENDED OR PLANNED OUTLET. ALL ANY WORK REQUIRED TO COMPLETE THIS DRAINAGE IS INCIDENTAL TO THE BID ITEMS FOR STORM SEWER.

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

REINFORCED CONCRETE APRON ENDWALLS AND ADJOINING TWO SECTIONS OF CONCRETE PIPE SHALL BE TIED TOGETHER AS SHOWN ON THE STANDARD DETAIL DRAWINGS AND AS LOCATED IN THE MISCELLANEOUS QUANTITIES. JOINT TIES SHALL BE INCIDENTAL ITEMS INCLUDED IN THE COST OF THE CONCRETE PIPE.

THE QUANTITY OF 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.

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

CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED.

SAVAGED 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.

USE CLASS I URBAN TYPE B EROSION MAT ADJACENT TO DISTURBED WETLANDS. DO NOT INSTALL CLASS I URBAN TYPE B EROSION MAT IN WATER.

THE LOCATION OF REPAIRS TO SPALLING AREAS ON CONCRETE BARRIERS AND PARAPETS WILL BE DETERMINED BY THE ENGINEER. REPAIRS WILL BE PAID UNDER ITEM REMOVING CONCRETE SURFACE PARTIAL DEPTH.

ASPHALTIC AND CONCRETE SURFACES SHALL BE SAWCUT AT THE MATCH LINE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

FILLING AGAINST EXISTING BARRIER MUST BE APPROVED BY THE ENGINEER IN THE FIELD. IF APPROVED BY THE ENGINEER, FILL MAY NOT EXCEED A HEIGHT OF 1.5' WITH A SLOPE OF 3:1. FILLING AGAINST EXISTING BARRIER WITH LESS THAN A 1.5:1 SLOPE WILL NOT BE PERMITTED.

INLET PROTECTION REQUIRED AT ALL INLETS AS PER EROSION CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER SHALL NOT BE USED WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS. STATIONING, DISTANCES AND OFFSETS FOR SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND THE LOCATIONS OF SIGNS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE RESTORED WITH TOPSOIL, FERTILIZER AND SEED AS DIRECTED BY THE ENGINEER. QUANTITIES FOR FINISHING ITEMS INCLUDE RESTORATION EXTENDING 3 FEET BEYOND THE SLOPE INTERCEPT FOR ROUNDING.

LOCATIONS OF DRAINILES ON THE PLAN ARE BASED ON AS-BUILT OR PROPERTY OWNER SURVEYS. DRAINILE EXPLORATION ITEM IS TO BE USED TO VERIFY THE EXACT SIZE AND LOCATION.

A CONVERSION FACTOR OF 2.10 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE.

A CONVERSION FACTOR OF 1.80 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR SELECT CRUSHED MATERIAL.

A CONVERSION FACTOR OF 115 LB./SY/IN IS USED TO ESTIMATE QUANTITIES FOR HMA PAVEMENT.

FOR SECTION CORNER REPLACEMENT CONTACT JOHN WASHBURN WITH SEWRPC AT 414-218-2866 OR J.WASHBURN@SEWRPC.ORG. CONTACT SHALL BE MADE A MINIMUM OF TWO WEEKS BEFORE STARTING CONSTRUCTION OPERATIONS.

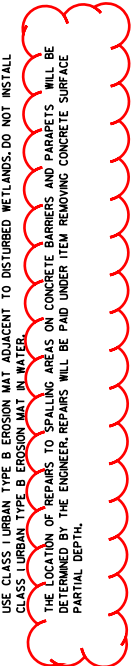
THESE PLANS SHOW UTILITY FACILITIES EXISTING AT THE TIME OF THE ORIGINAL SURVEY IN 2011. FACILITIES INSTALLED/ADJUSTED AFTER THIS ARE ADDRESSED IN THE SPECIAL PROVISIONS.

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

PAVEMENT TYPE	TOTAL LAYER THICKNESS	LAYERS	NORMAL MAXIMUM GRADATION
ASPHALTIC SURFACE TEMPORARY	1.5"	1.5" MINIMUM UPPER LAYER	9.5 MM
3 MT 58-28 S	7.5"	2" UPPER	12.5 MM
3 MT 58-28 S		2 3/4" UPPER LOWER	
ASPHALTIC SURFACE TEMPORARY	5"	2 3/4" LOWER LOWER	19.0 MM
		5" UPPER LAYER	25.0 MM

(A)

(B)

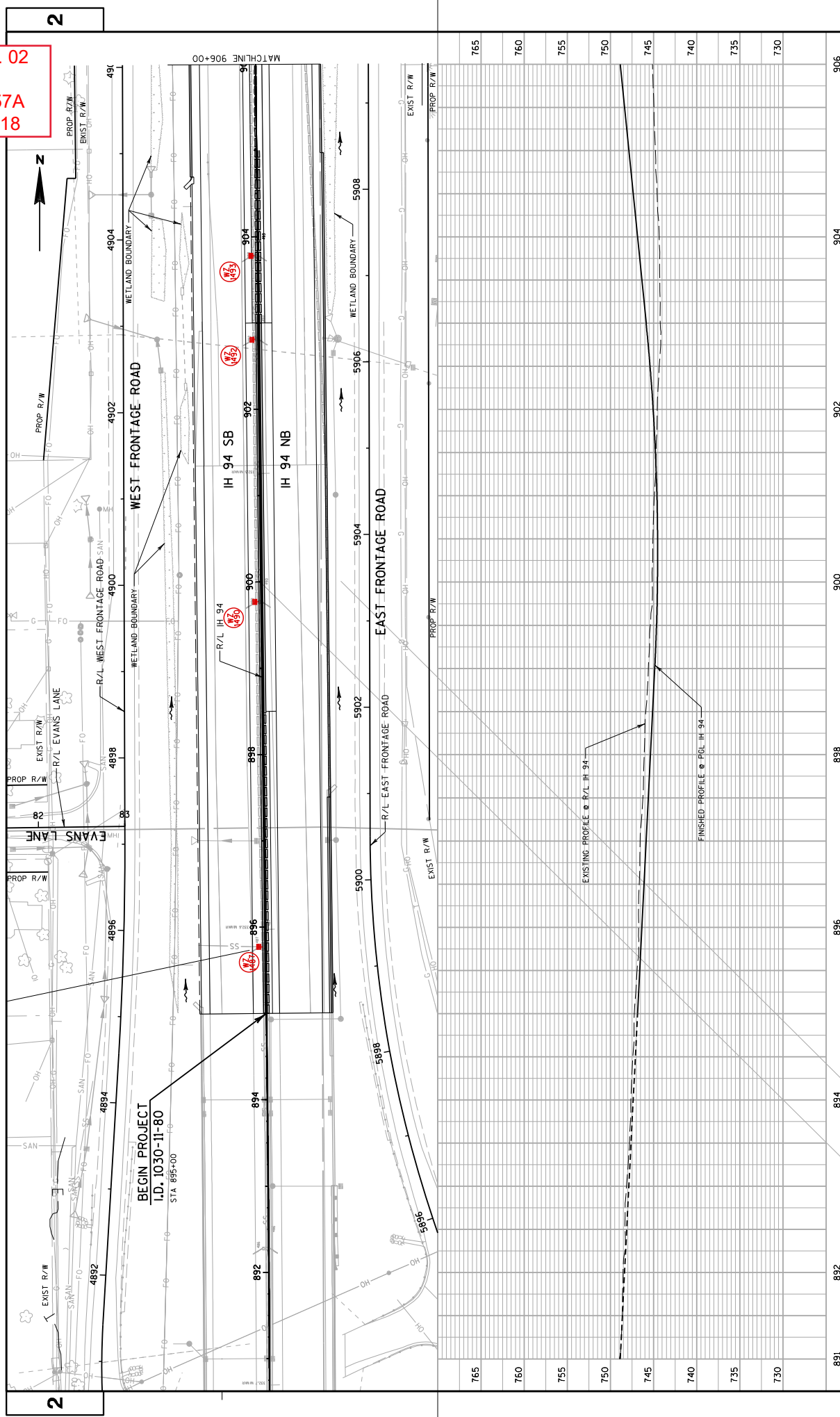


STANDARD ABBREVIATIONS

- AEW APRON END WALL
- AGG AGGREGATE
- BAD BASE AGGREGATE DENSE
- BM BENCH MARK
- C&G CURB AND GUTTER
- C/L OR CENTER OR CONSTRUCTION LINE
- CONC CONCRETE
- CP CULVERT PIPE CORRUGATED METAL
- CPM CULVERT PIPE REINFORCED CONCRETE
- CSD CONCRETE SURFACE DRAIN
- CY CUBIC-YARD
- D DEGREE OF CURVE
- DELTA DISCHARGE
- EL ELEVATION
- ESTR EXISTING SIGN TO REMAIN
- FDS FIELD DISCHARGE SIGN
- HMA HOT MIX ASPHALT
- INV INVERT
- L LENGTH OF CURVE
- LHF LEFT HAND FORWARD
- LT LEFT
- MIN MINIMUM
- M/L MATCHLINE
- NB NORTHBOUND
- NOB NORTHBOUND
- PAVT PAVEMENT
- PC POINT-OF-CURVE
- PCC POINT-OF-COMPOUND CURVE
- PE PROFILE GRADE LINE
- PGL POINT-OF-INTERSECTION
- PI PERMANENT LIMITED EASEMENT
- PT POINT OF TANGENT
- R/L RIGHT OF WAY
- R/W RIGHT OF WAY
- RC REVERSE CROWN
- RCAEW APRON ENDWALL FOR CULVERT PIPE REINFORCE CONCRETE
- RECD REQUIRED
- RHF RIGHT HAND FORWARD
- RO RUN OFF LENGTH
- RI RIGHT
- RIALV RIGHT ADJUTED
- SOB SOUTHBOUND
- STD STANDARD DETAIL DRAWING
- SE SUPER ELEVATION
- SF SQUARE FOOT
- SSPRC STORM SEWER PIPE REINFORCED CONCRETE
- SSPRCHE STORM SEWER PIPE REINFORCED CONCRETE ELLIPTICAL
- STA STATION
- SY SQUARE YARD
- TANGENT LENGTH
- TLE TYPICAL LIMITED EASEMENT
- TYP TYPICAL
- VCL VERTICAL CURVE LENGTH
- VPC POINT OF VERTICAL CURVE
- VPI POINT OF VERTICAL INTERSECTION
- VPT POINT OF VERTICAL TANGENT

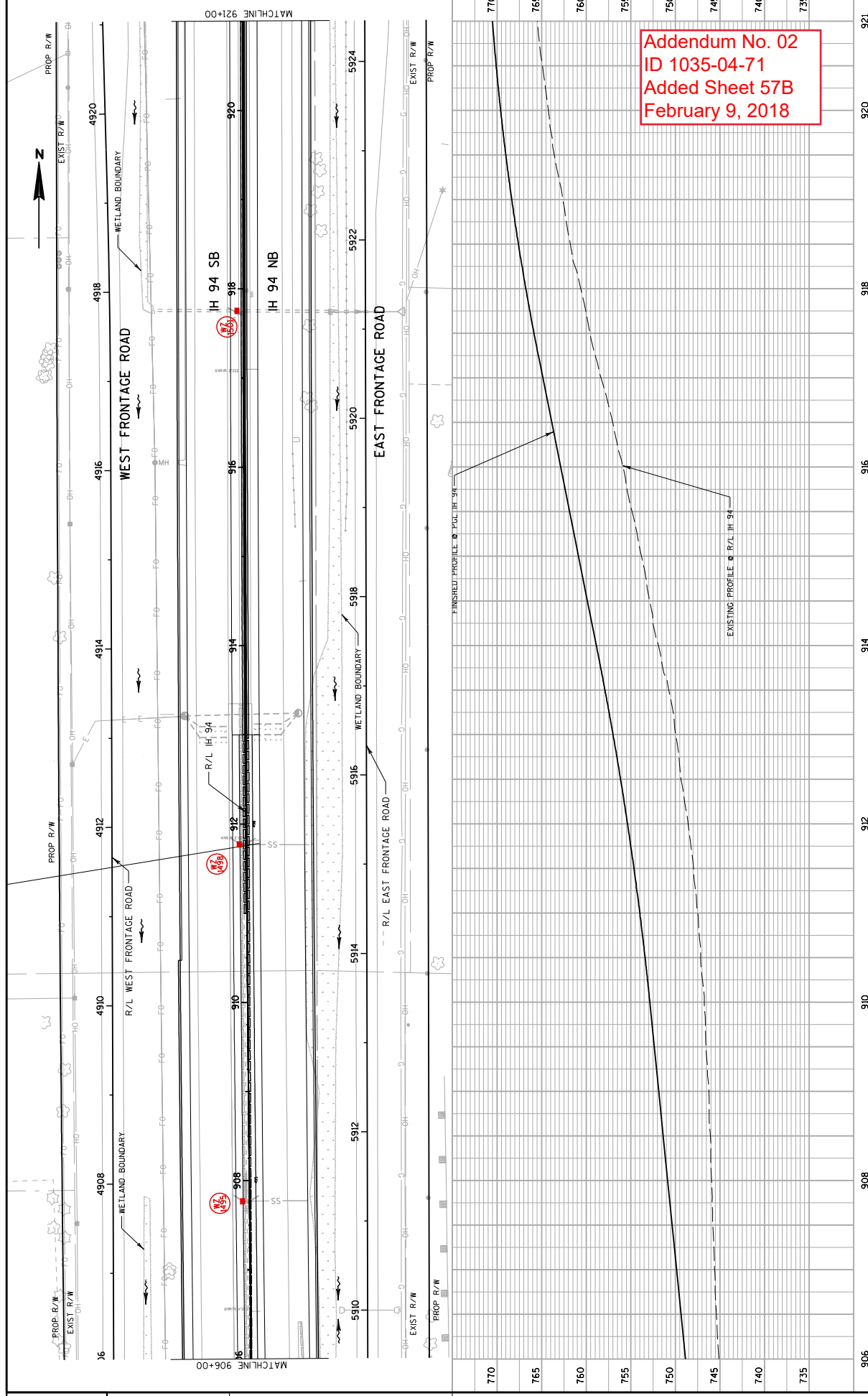
Addendum No. 02
ID 1035-04-71
Revised Sheet 3
February 9, 2018

Addendum No. 02
 ID 1035-04-71
 Added Sheet 57A
 February 9, 2018



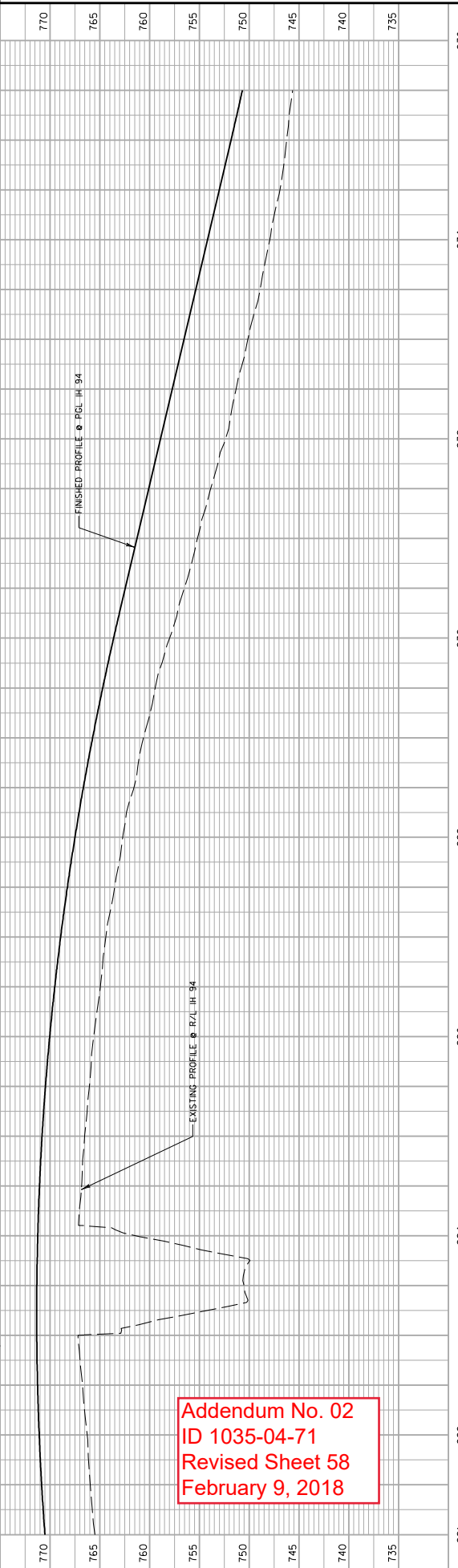
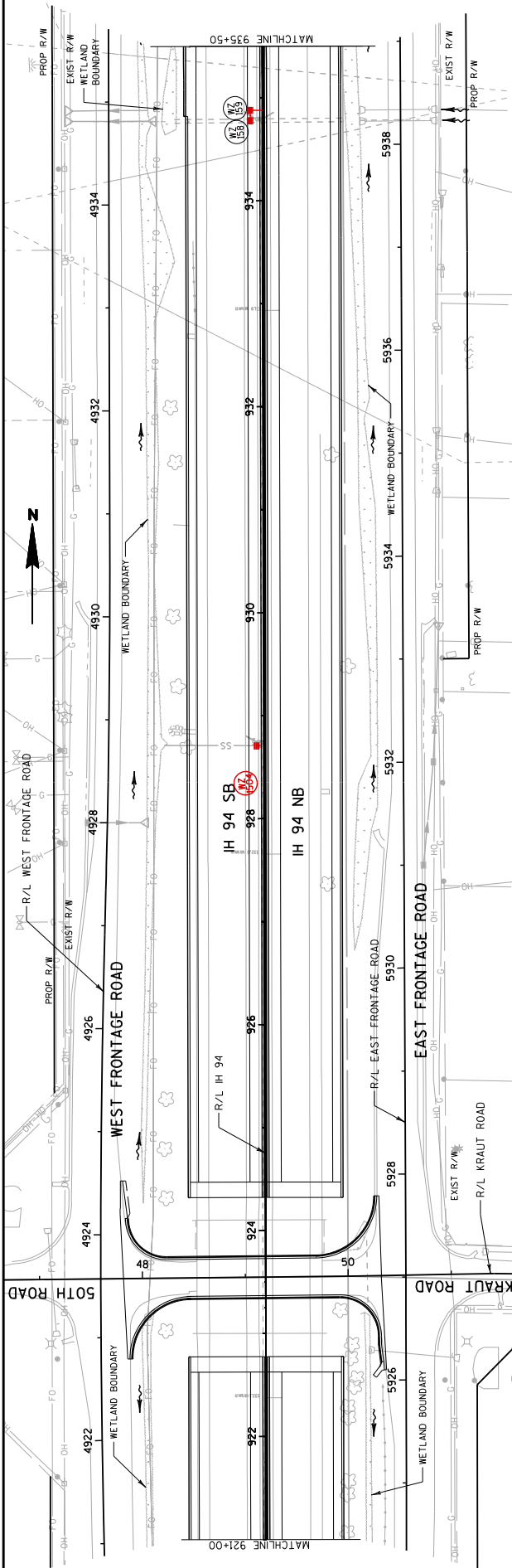
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WISDOT/CADD SHEET 410

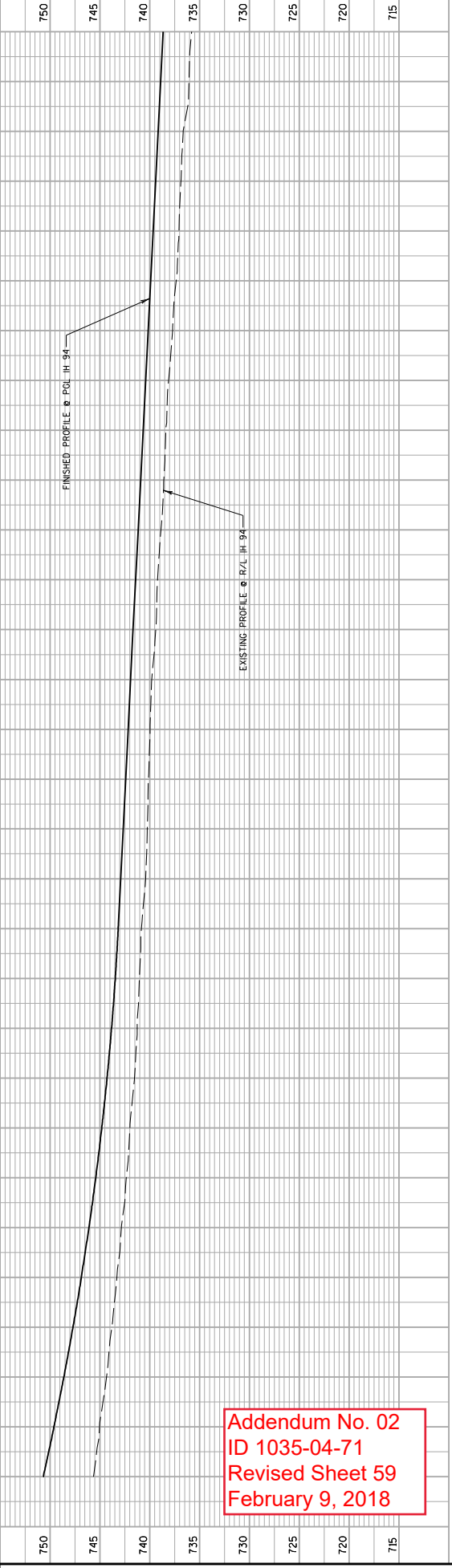
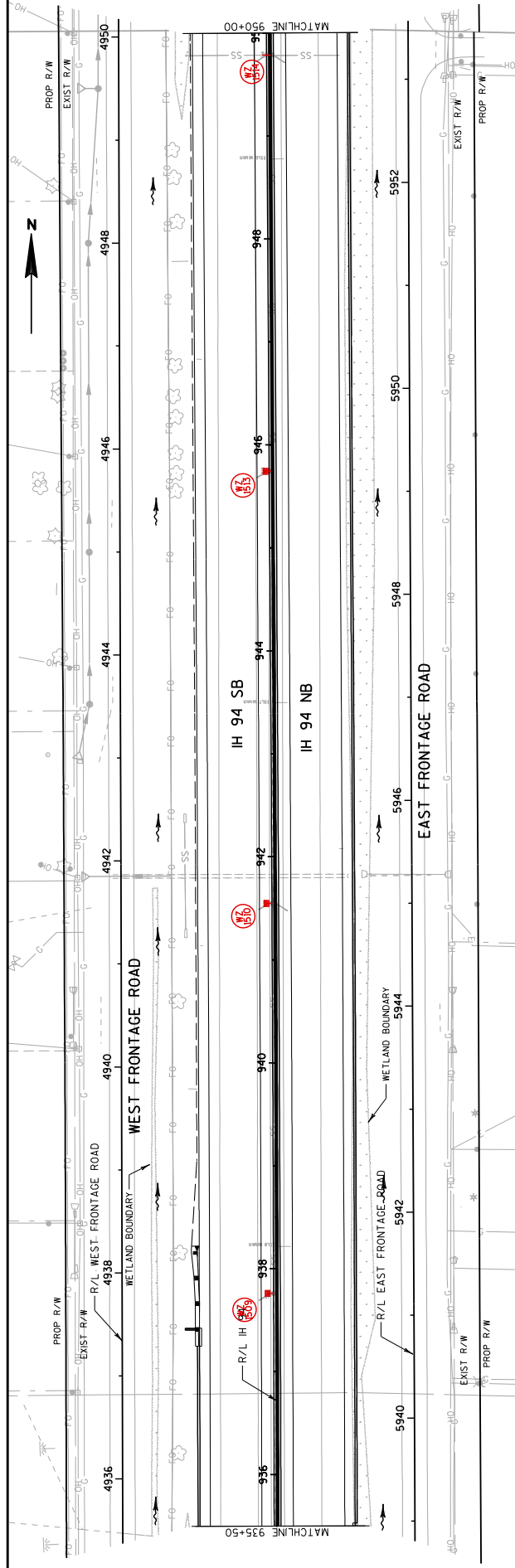


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 ID 1035-04-71
 Added Sheet 57B
 February 9, 2018

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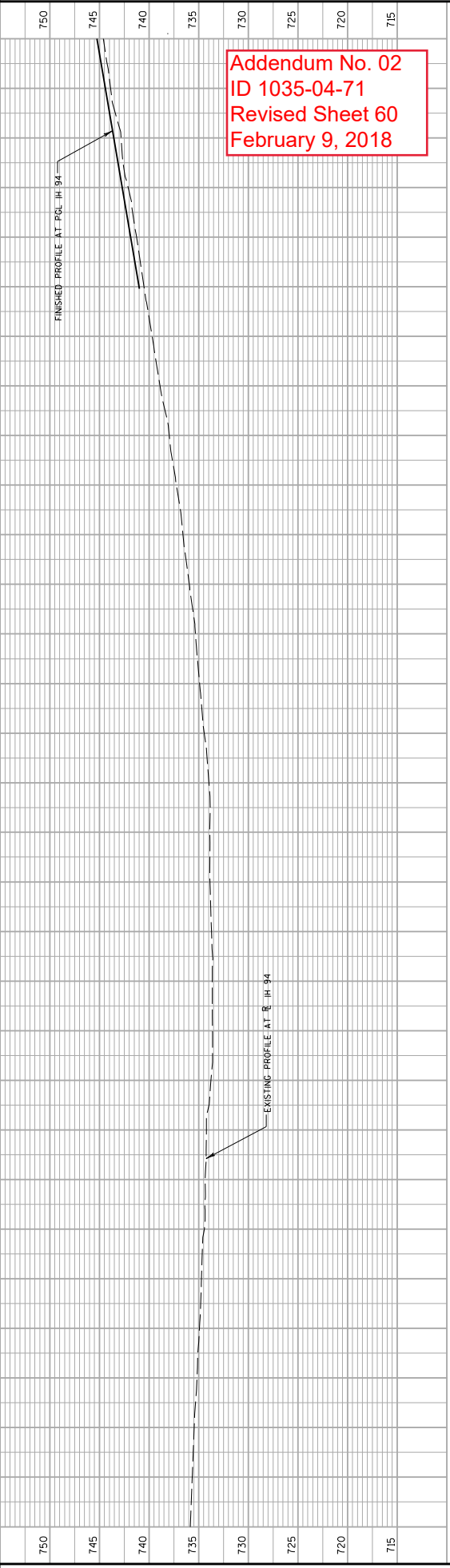
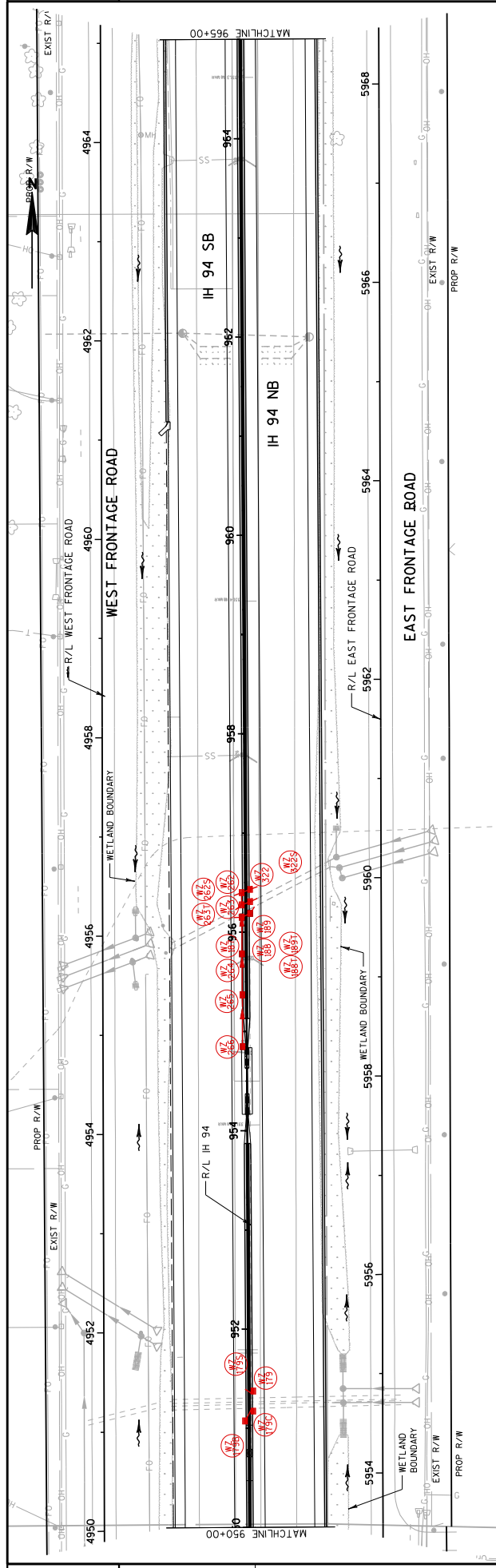


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ID 1035-04-71
Revised Sheet 58
February 9, 2018



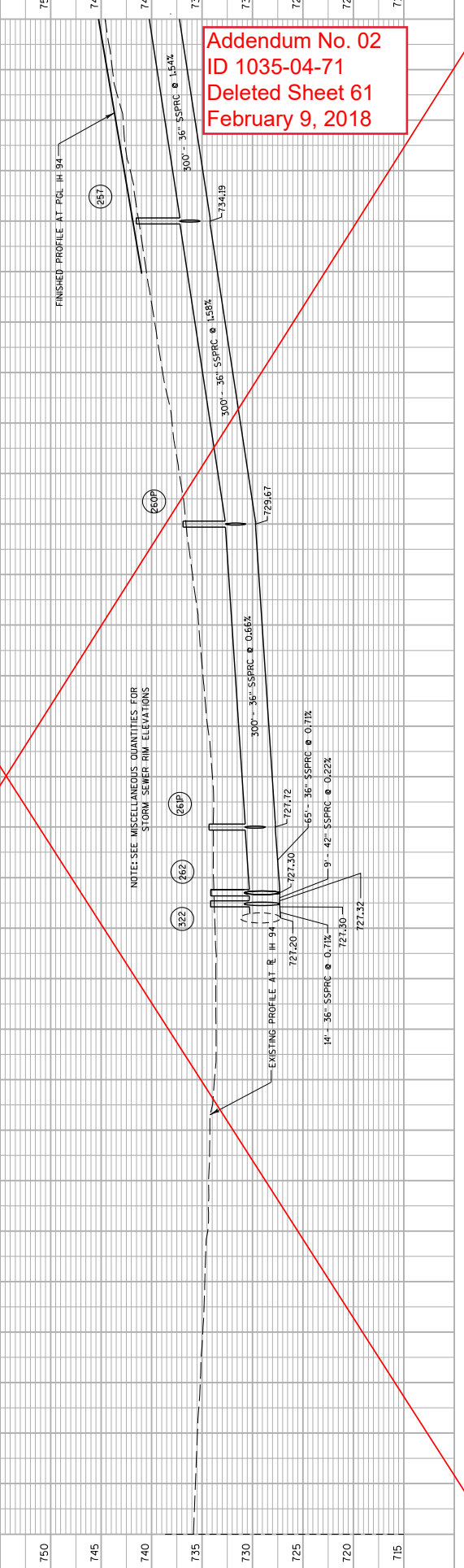
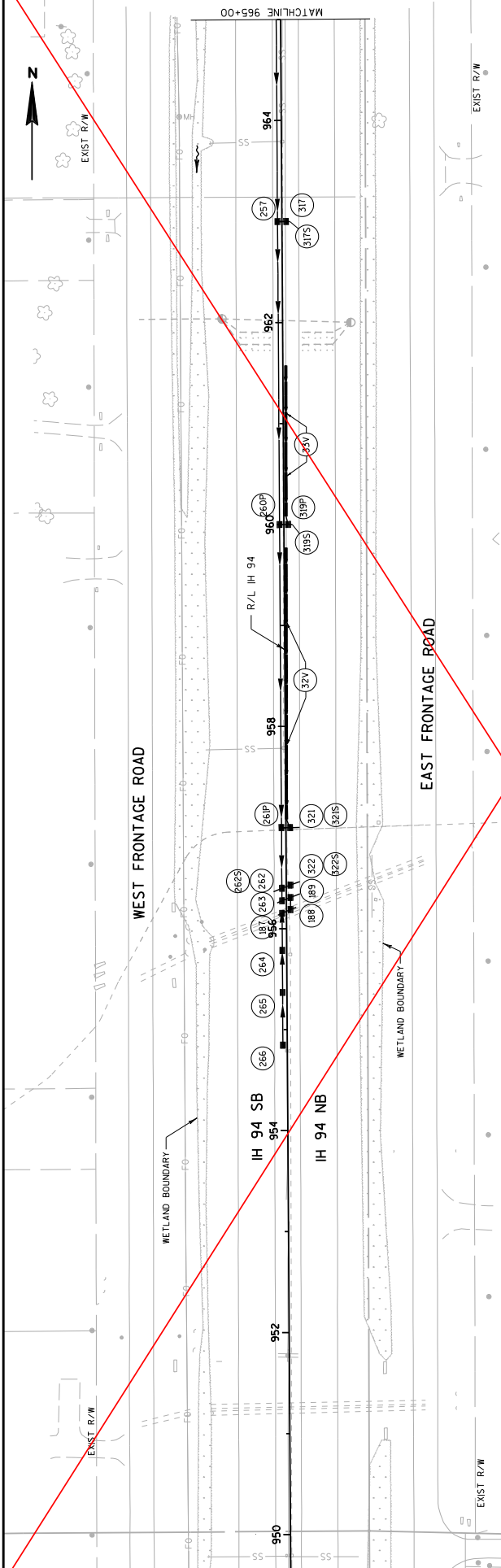
Addendum No. 02
 ID 1035-04-71
 Revised Sheet 59
 February 9, 2018

935	936	938	940	942	944	946	948	950			
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HWY: IH 41			PLOT DATE : 2/7/2018			PLOT BY : heathier.stabo			PLOT SCALE : 1:100		
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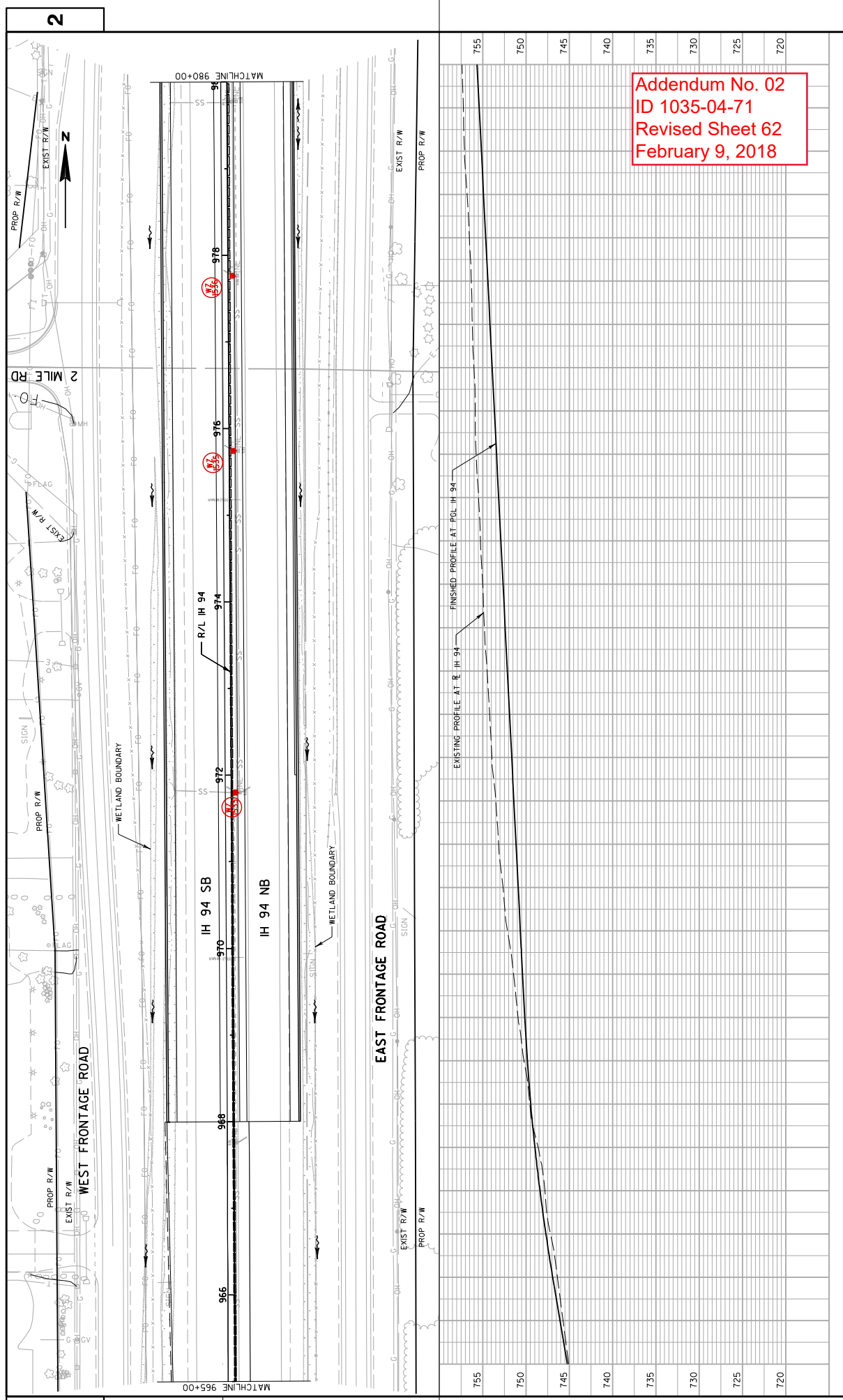
Addendum No. 02
 ID 1035-04-71
 Revised Sheet 60
 February 9, 2018

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HWY: IH 41				PLOT DATE : 2/8/2018		PLOT BY : heathier.stabo		WISDOT/CADD SHEET 410
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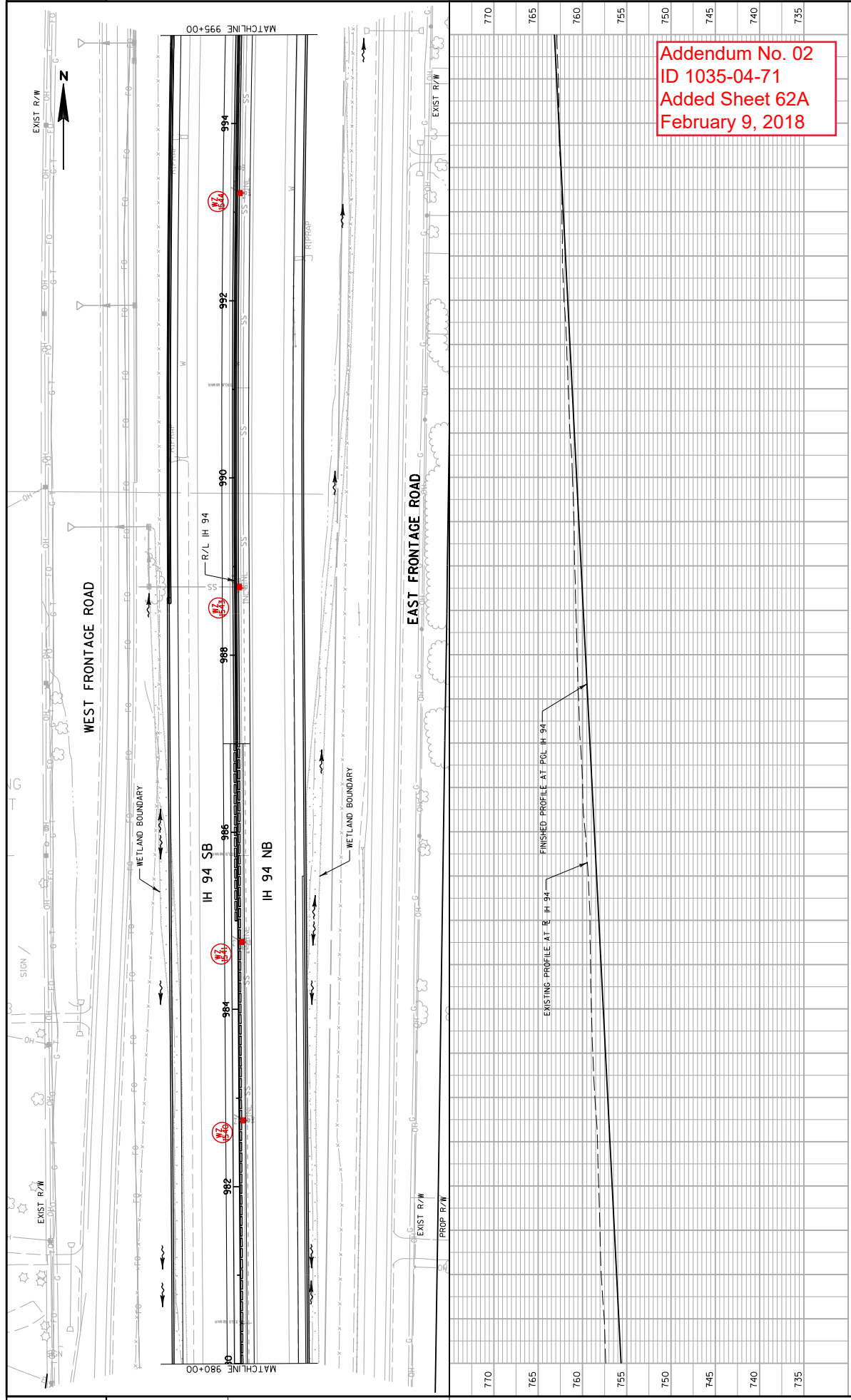


Addendum No. 02
 ID 1035-04-71
 Deleted Sheet 61
 February 9, 2018

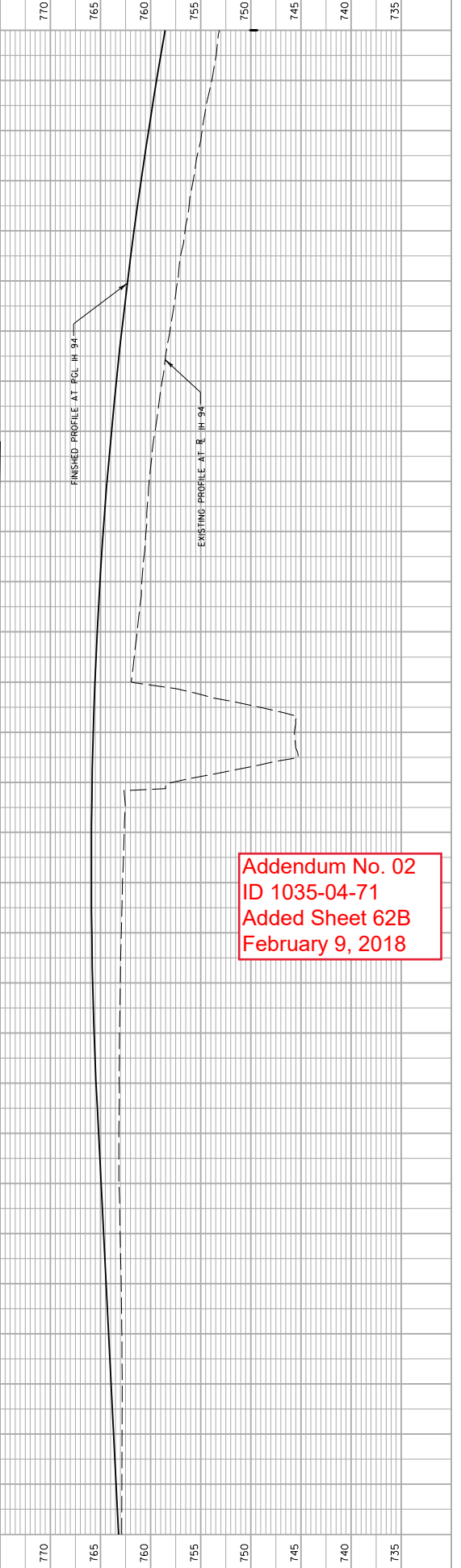
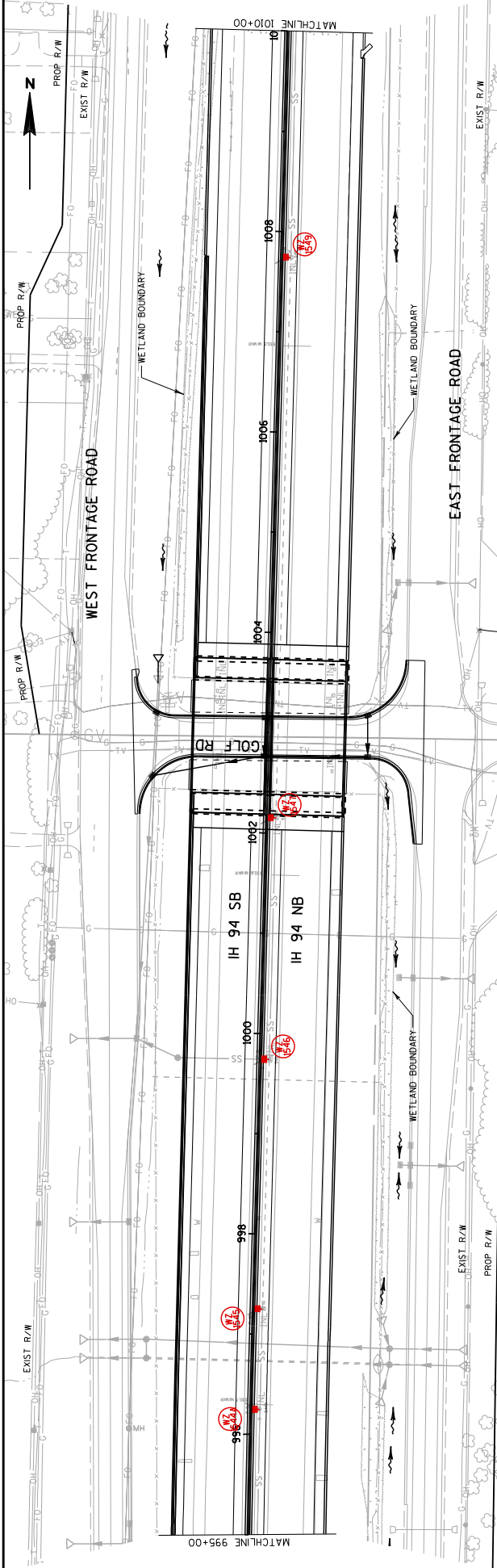
NOTE: SEE MISCELLANEOUS QUANTITIES FOR
 STORM SEWER RIM ELEVATIONS.



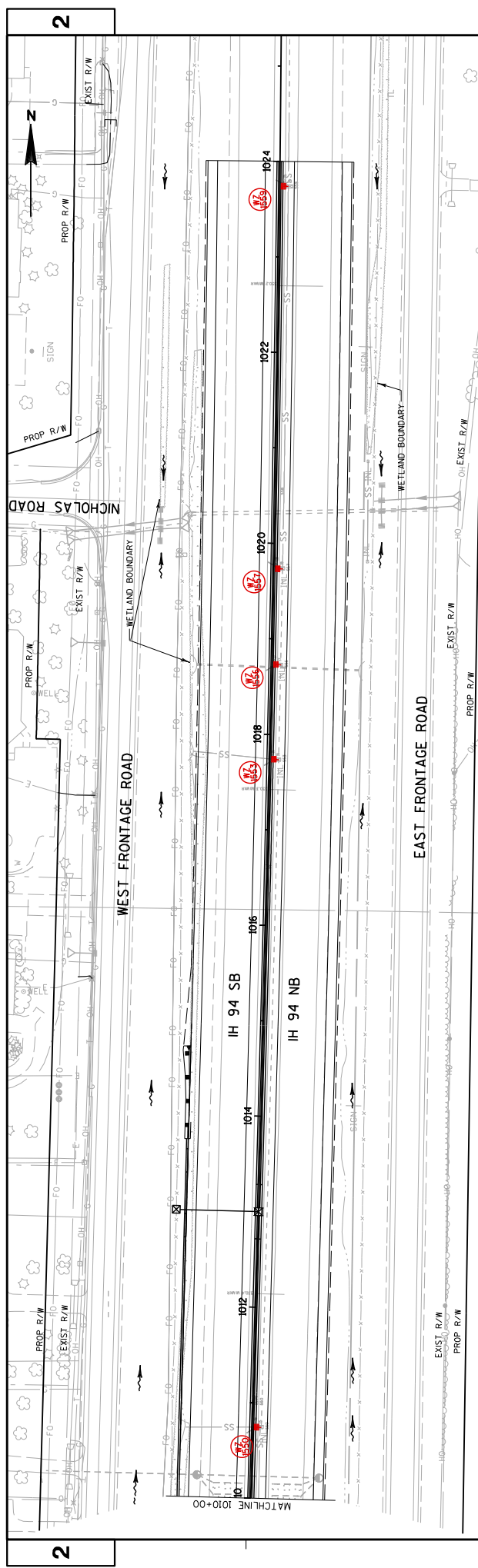
Addendum No. 02
 ID 1035-04-71
 Revised Sheet 62
 February 9, 2018



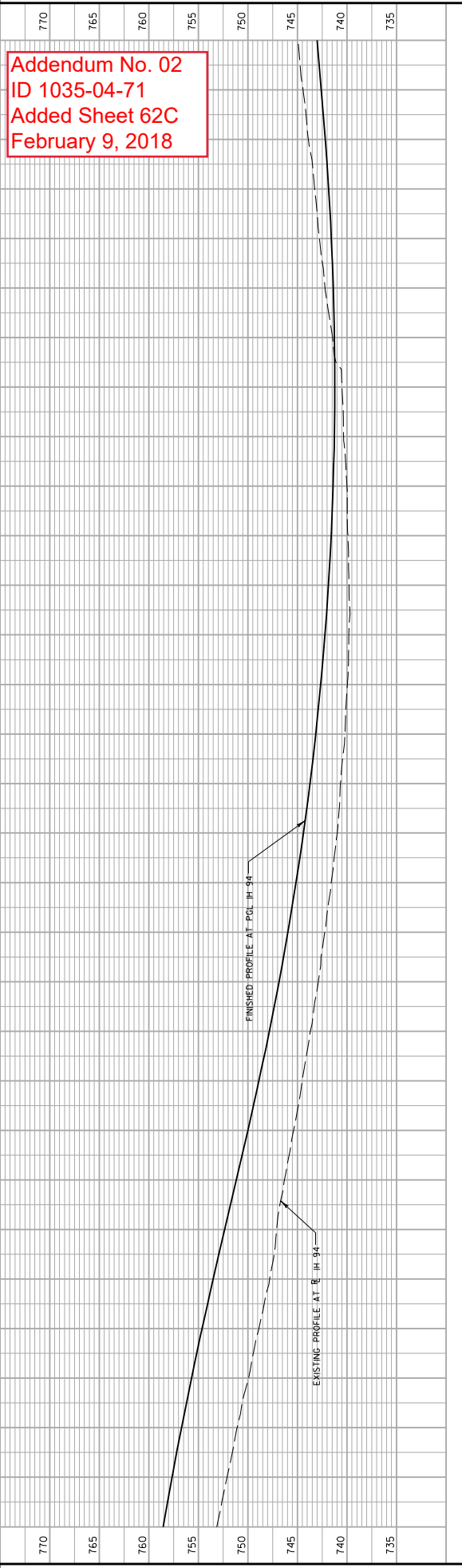
Addendum No. 02
 ID 1035-04-71
 Added Sheet 62A
 February 9, 2018



Addendum No. 02
 ID 1035-04-71
 Added Sheet 62B
 February 9, 2018



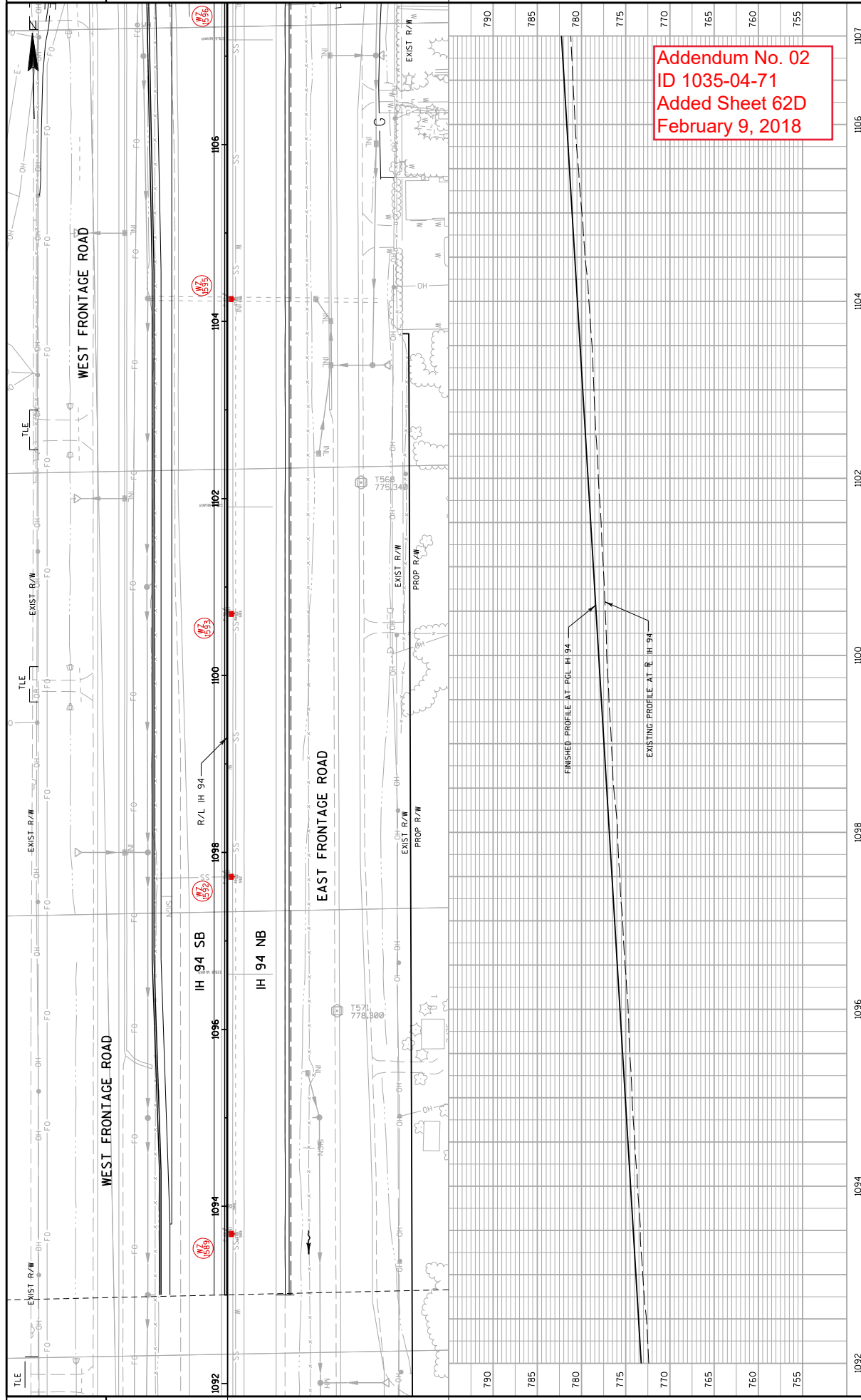
Addendum No. 02
 ID 1035-04-71
 Added Sheet 62C
 February 9, 2018



2

PROJECT NO: 1035-04-71	HWY: IH 41	COUNTY: RACINE	STORM SEWER: MAINLINE	SHEET 62C
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PLOT BY : heathier.stabo				
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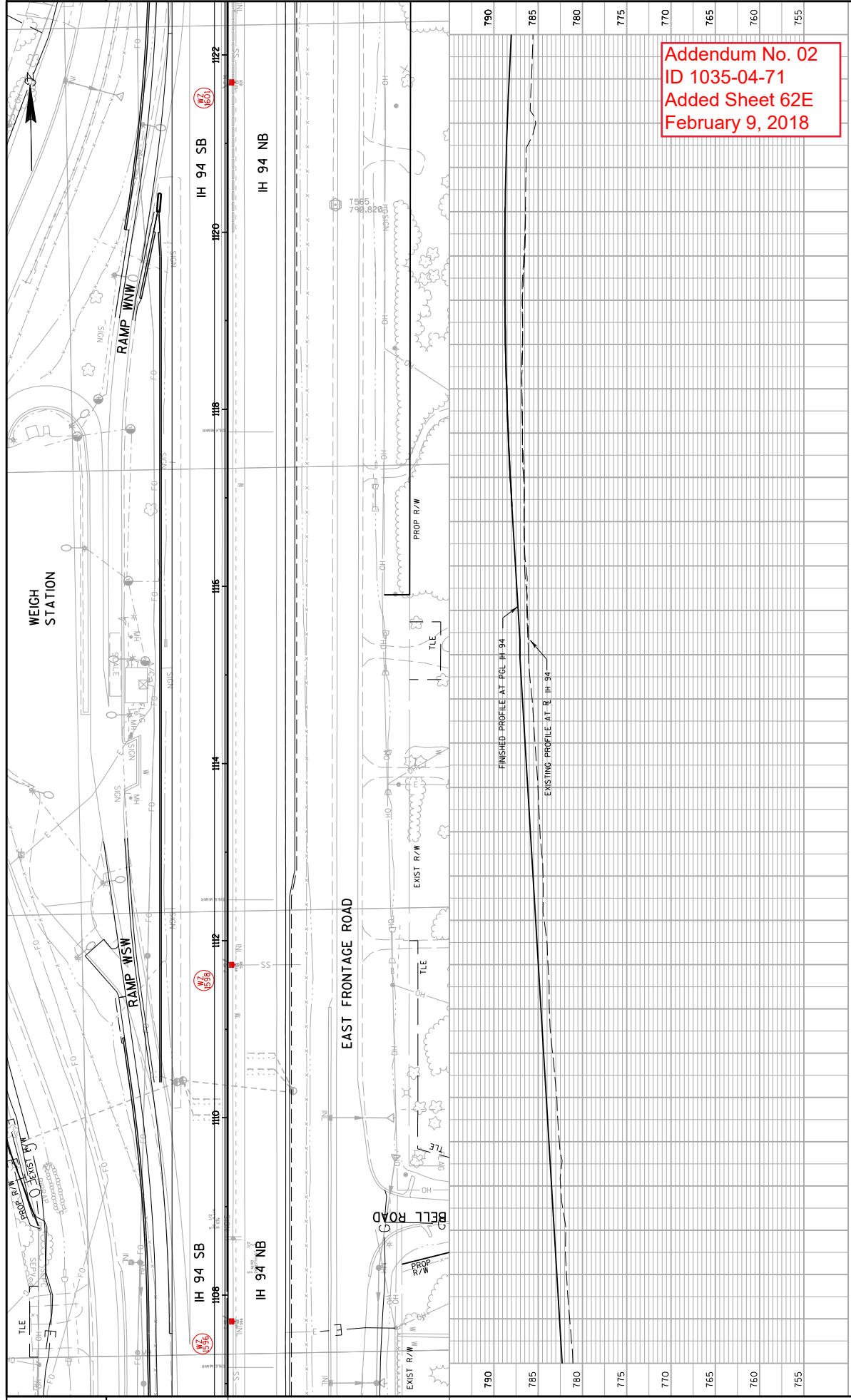
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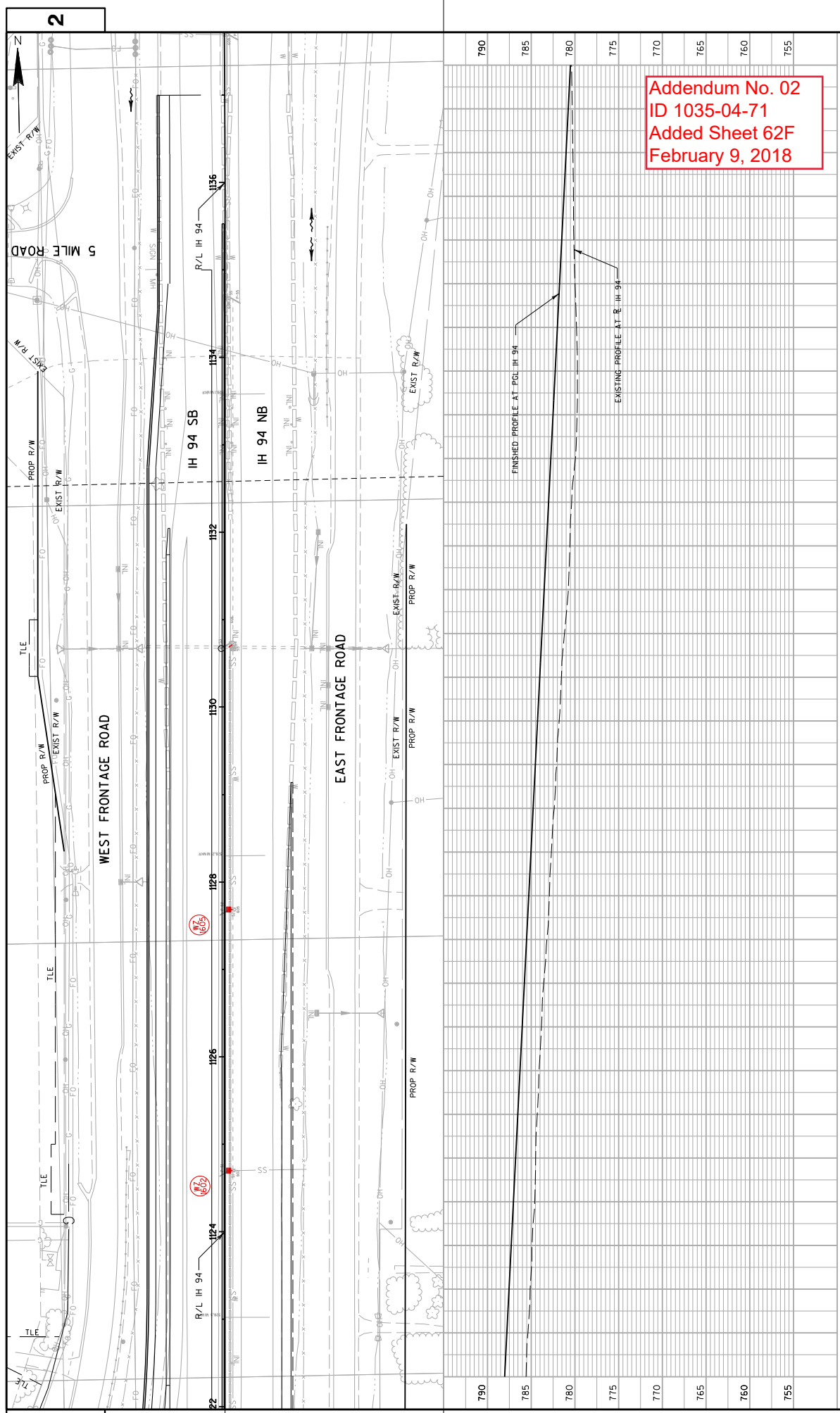
Addendum No. 02
 ID 1035-04-71
 Added Sheet 62D
 February 9, 2018

2

1092	1094	1096	1098	1100	1102	1104	1106	1107	
PROJECT NO: 1035-04-71			COUNTY: RACINE			STORMSEWER: MAINLINE			SHEET 62D
HWY: IH 41			PLOT DATE: 2/7/2018			PLOT BY: heather.stabo			WISDOT/CADD SHEET 410
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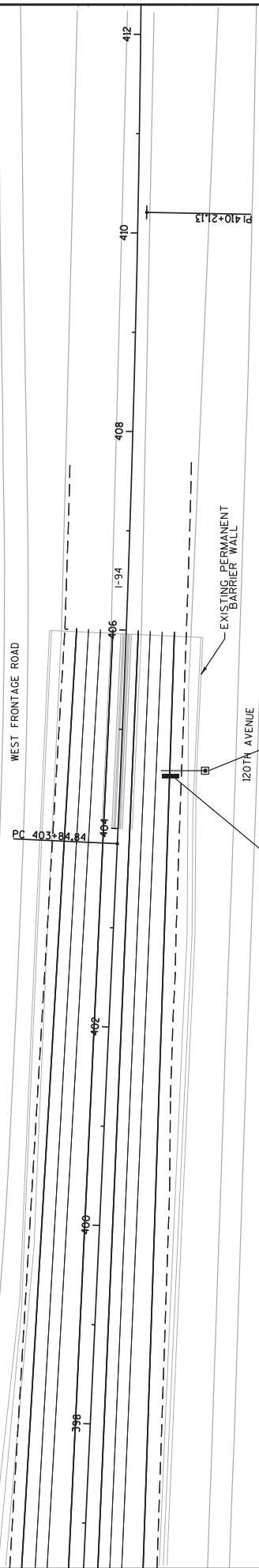
Addendum No. 02
 ID 1035-04-71
 Added Sheet 62E
 February 9, 2018



Addendum No. 02
 ID 1035-04-71
 Added Sheet 62F
 February 9, 2018

LEGEND

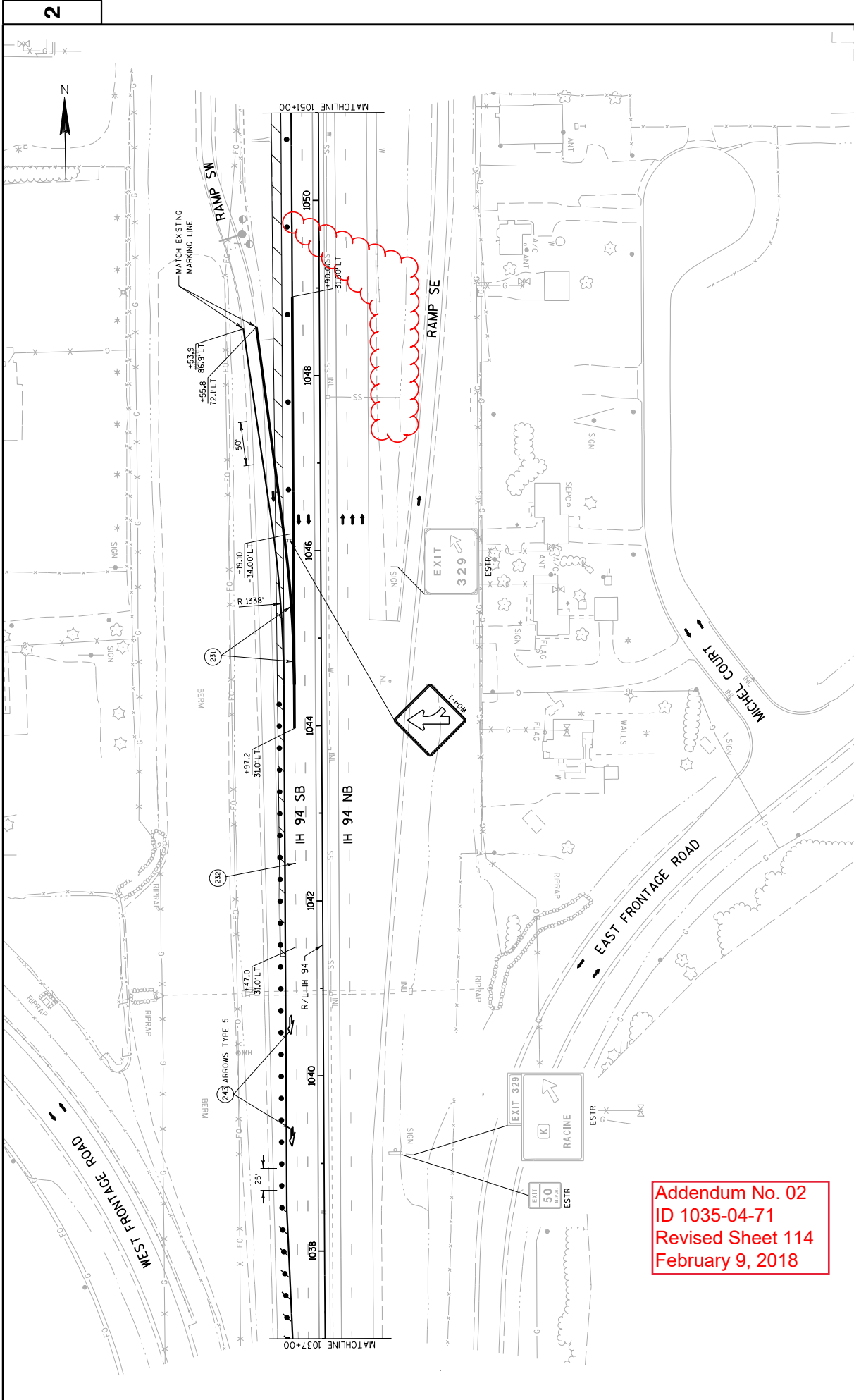
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE



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 ID 1035-04-71
 Added Sheet 64A
 February 9, 2018



1

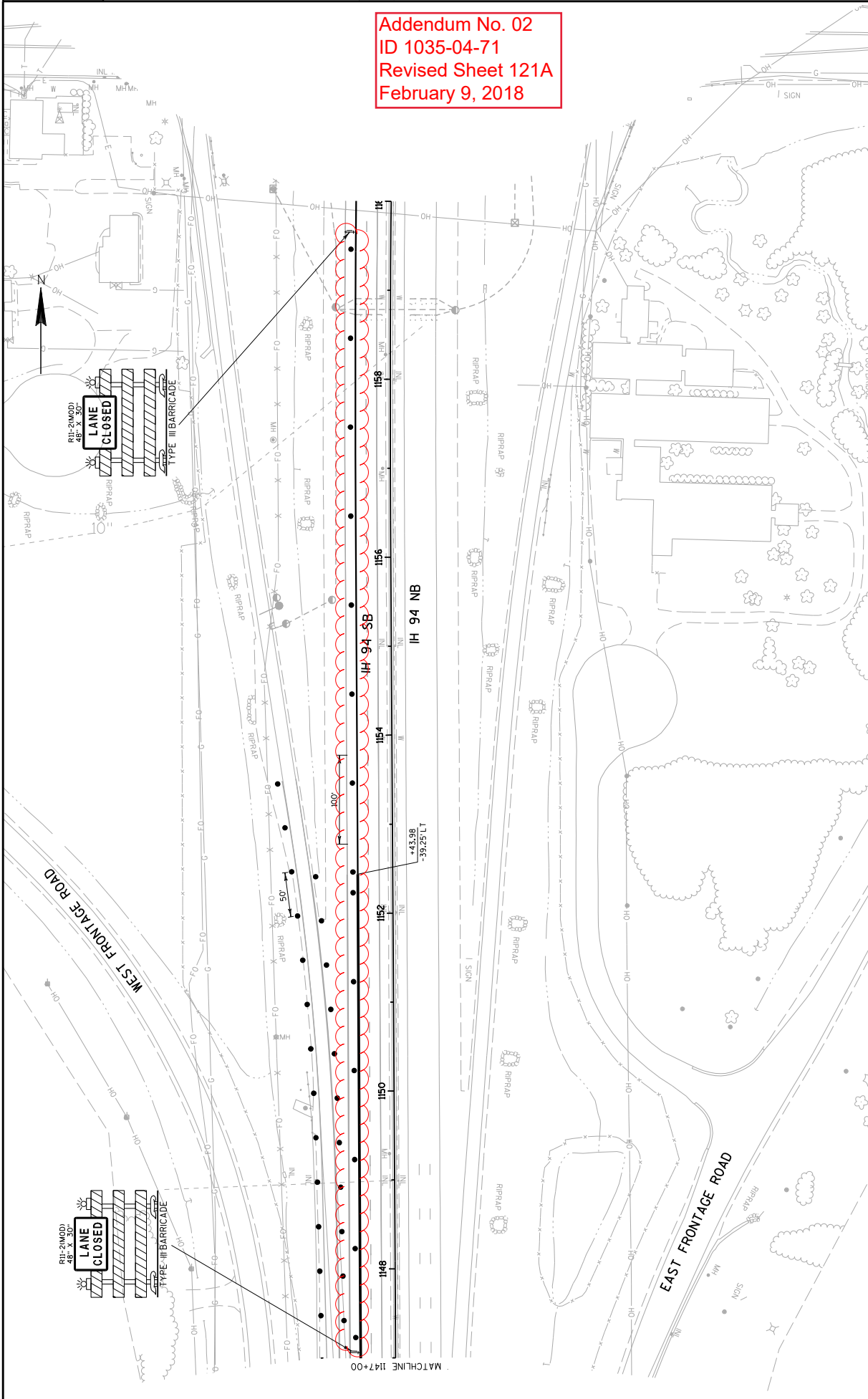


Addendum No. 02
 ID 1035-04-71
 Revised Sheet 114
 February 9, 2018

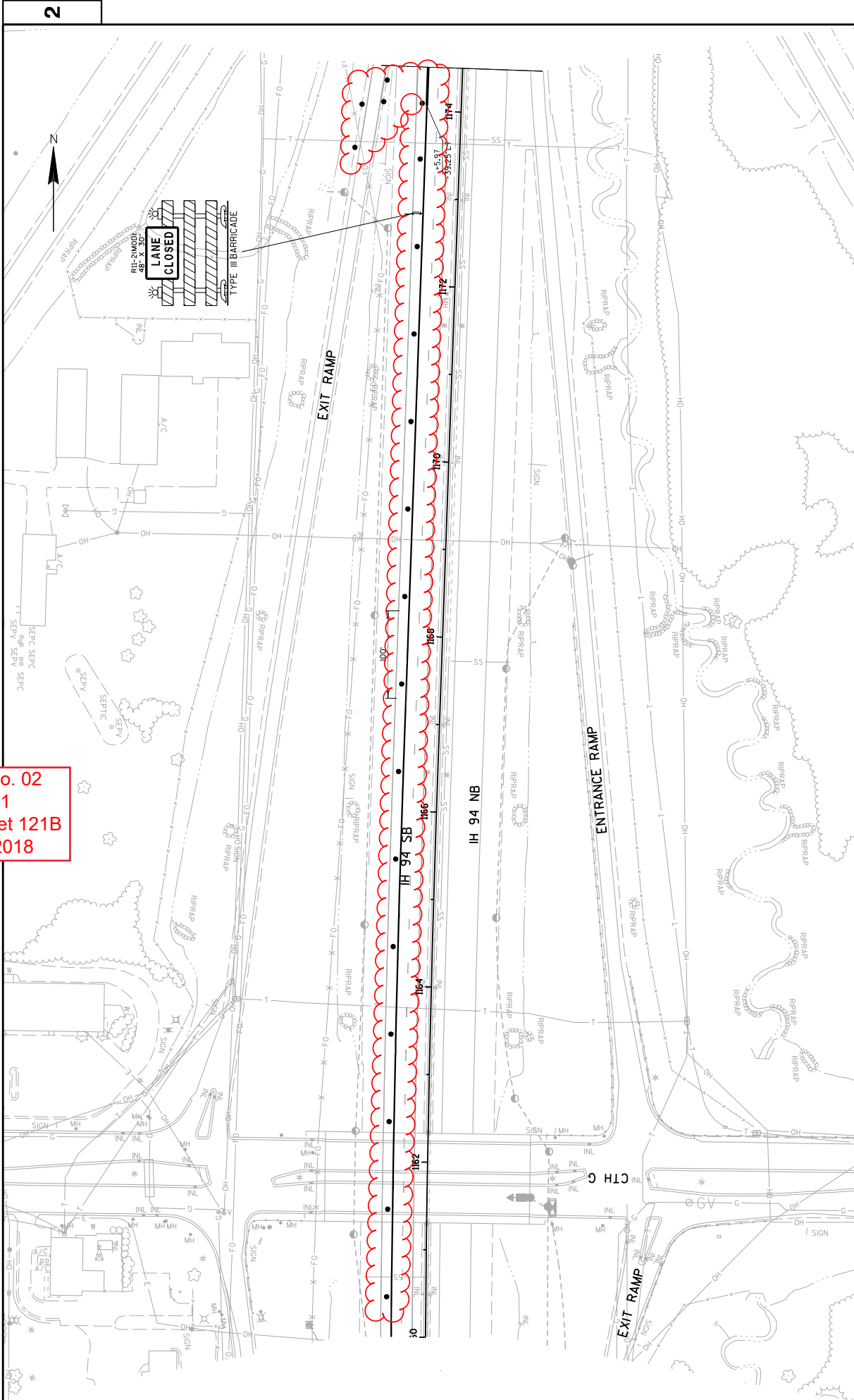
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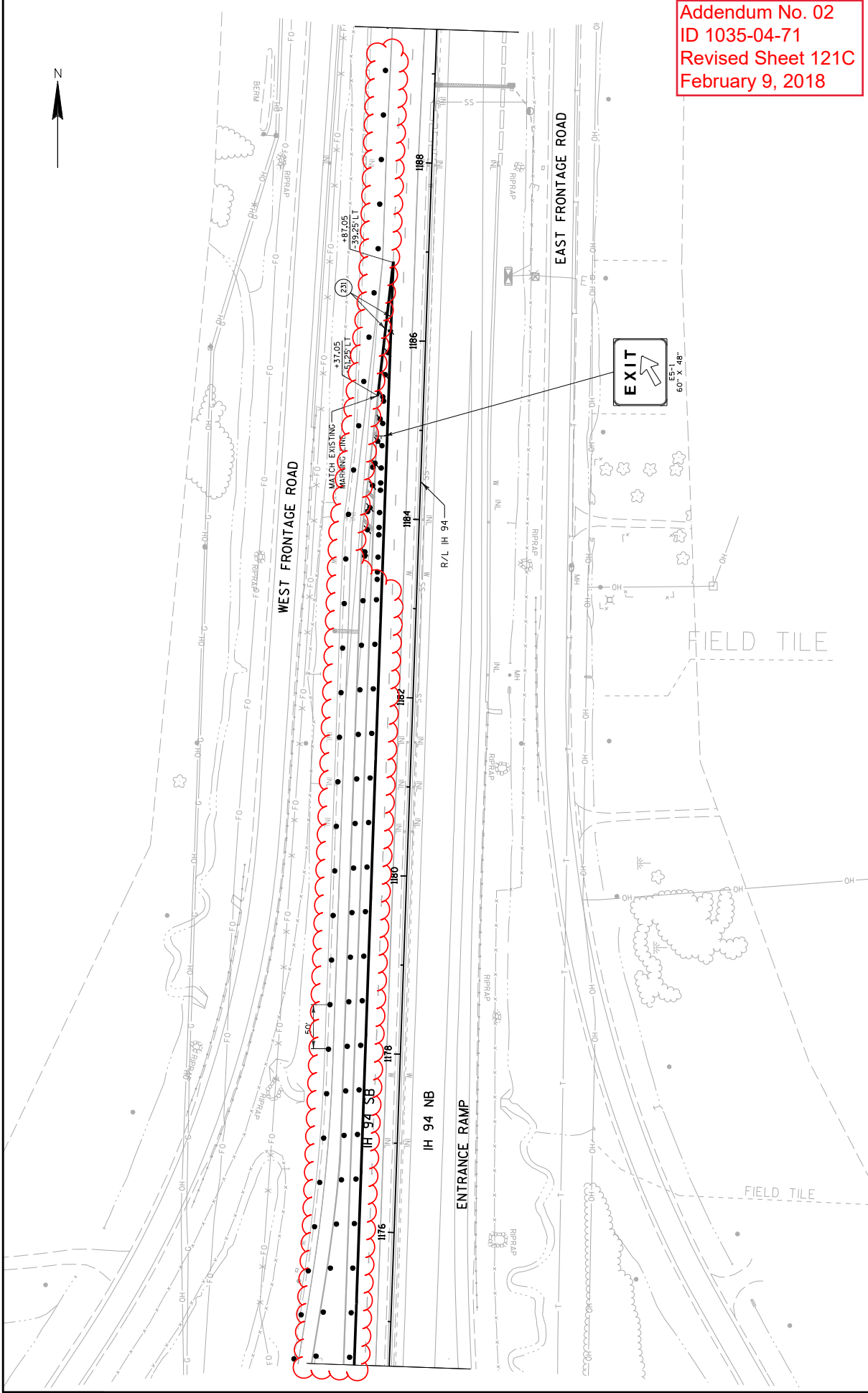
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Addendum No. 02
ID 1035-04-71
Revised Sheet 121A
February 9, 2018



Addendum No. 02
ID 1035-04-71
Revised Sheet 121B
February 9, 2018





Addendum No. 02
 ID 1035-04-71
 Revised Sheet 121C
 February 9, 2018

PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

TRAFFIC CONTROL: MAINLINE - STAGE 1A

SHEET 121C

E

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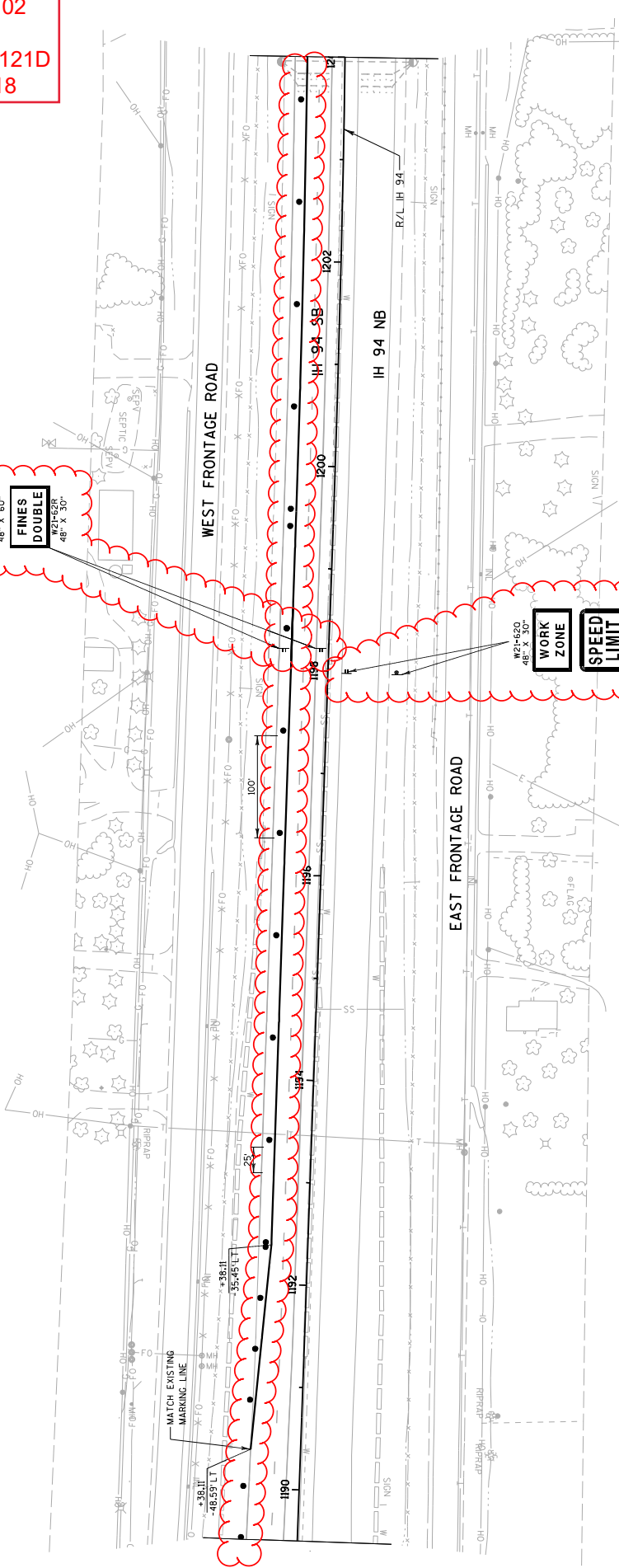
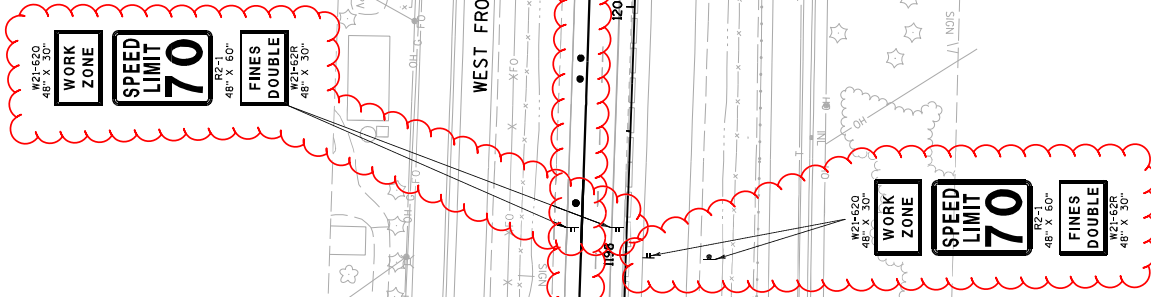
PLOT DATE : 2/8/2018

PLOT BY : James Buggs

PLOT SCALE : 1:30.48

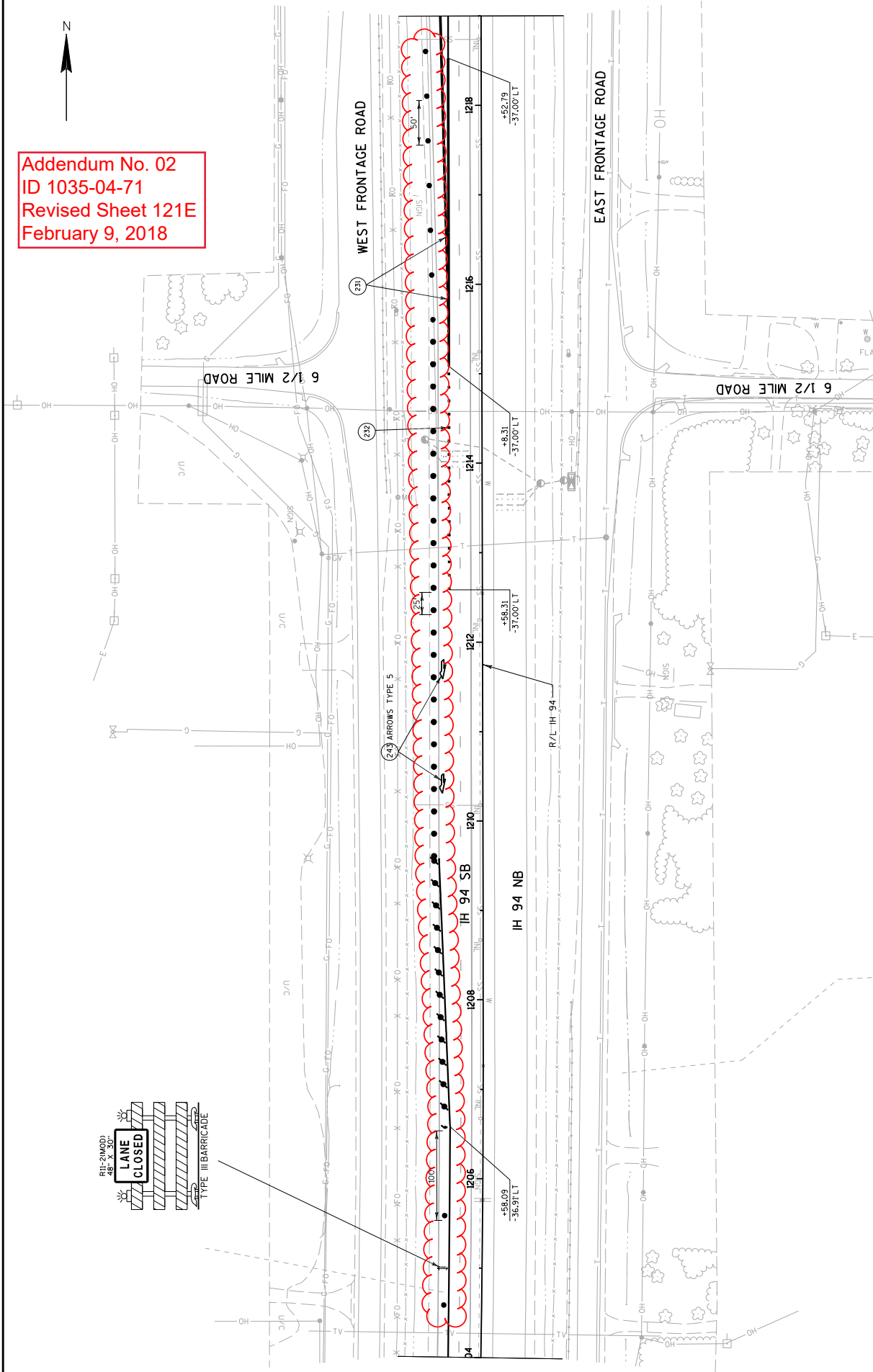
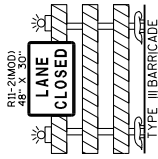
WISDOT/CADD SHEET 42

Addendum No. 02
ID 1035-04-71
Revised Sheet 121D
February 9, 2018





Addendum No. 02
ID 1035-04-71
Revised Sheet 121E
February 9, 2018



PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

TRAFFIC CONTROL: MAINLINE - STAGE 1A

SHEET 121E

E

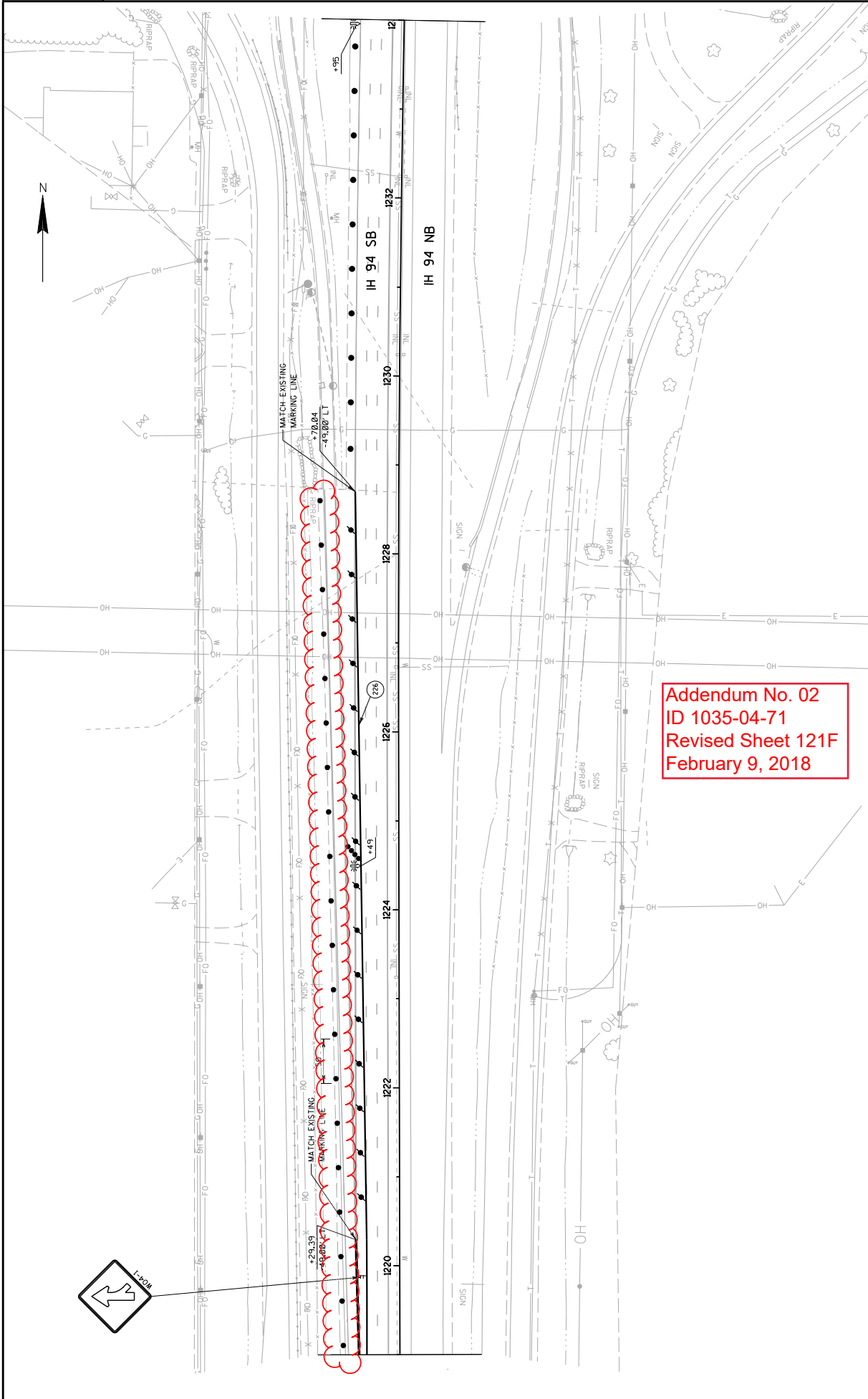
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PLOT BY : James.buggs

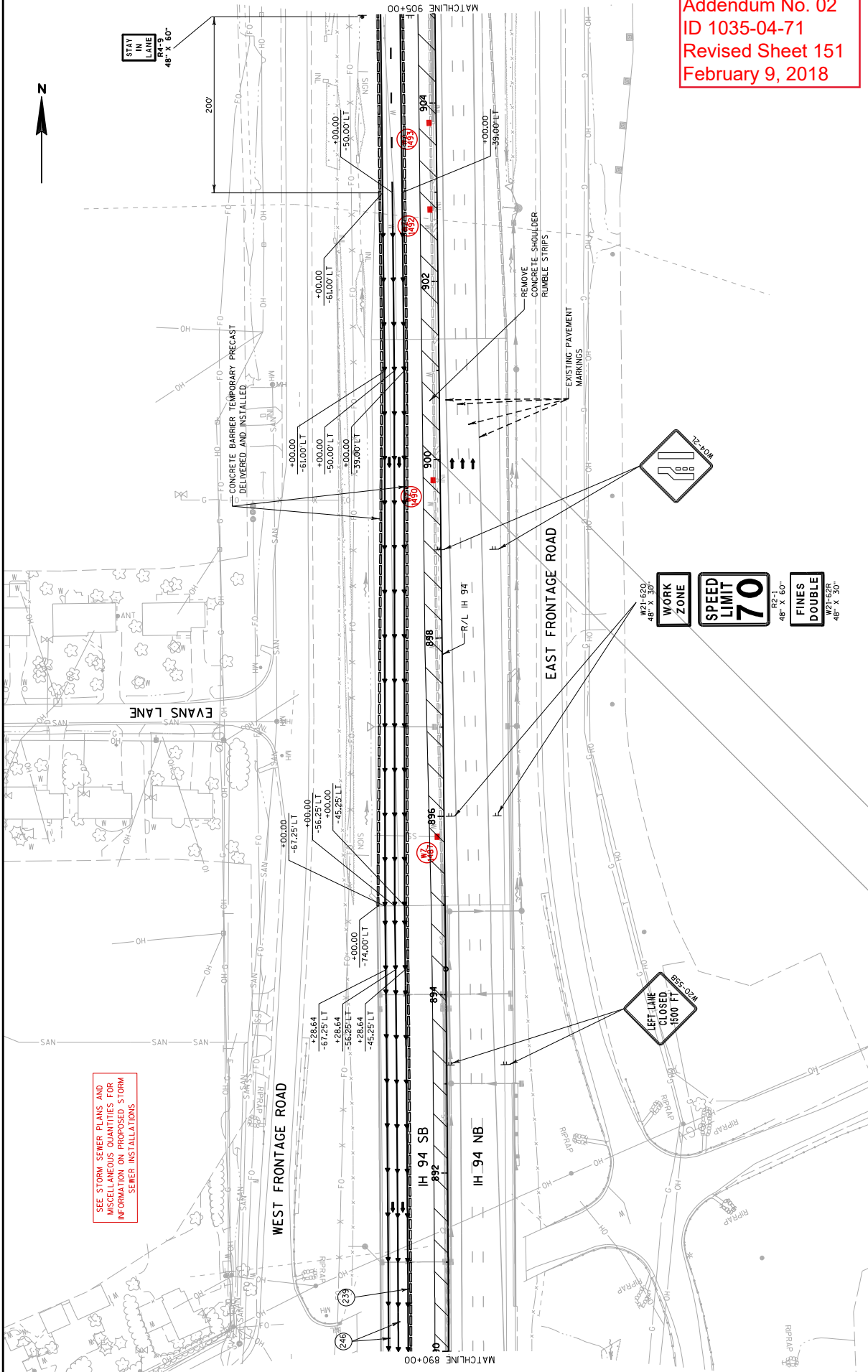
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WISDOT/CADD SHEET 42



Addendum No. 02
 ID 1035-04-71
 Revised Sheet 121F
 February 9, 2018

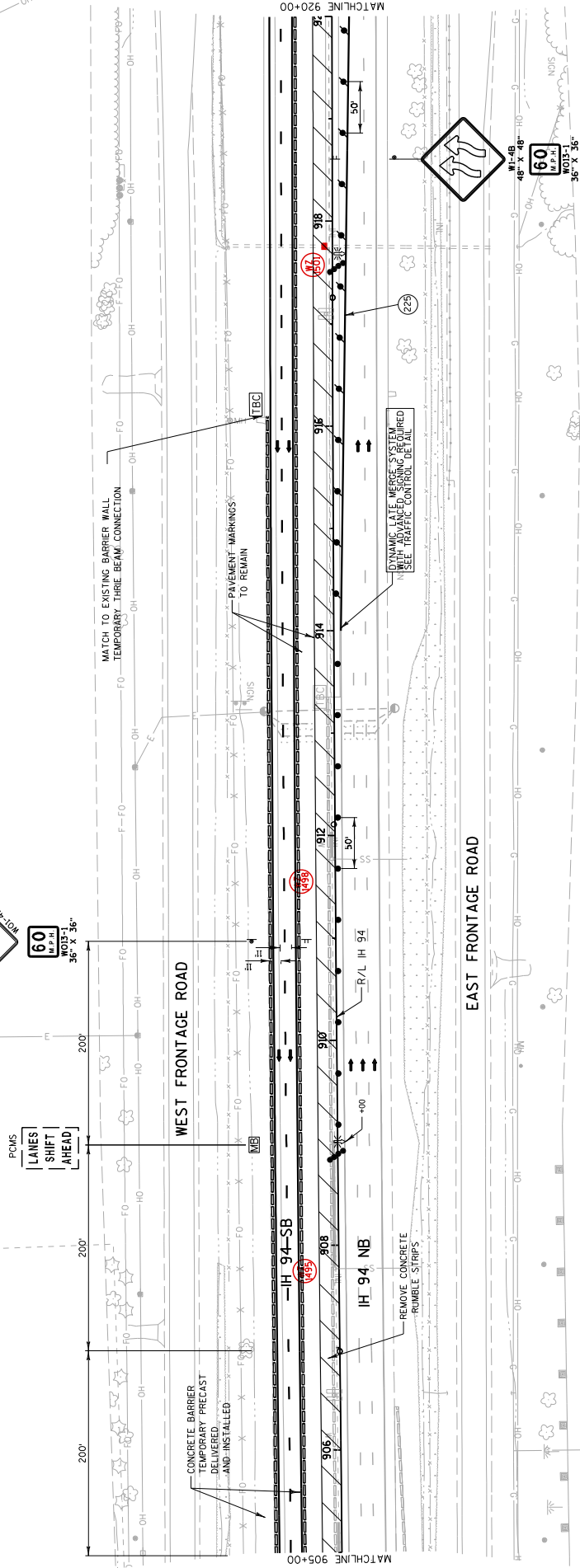




Addendum No. 02
 ID 1035-04-71
 Revised Sheet 151
 February 9, 2018

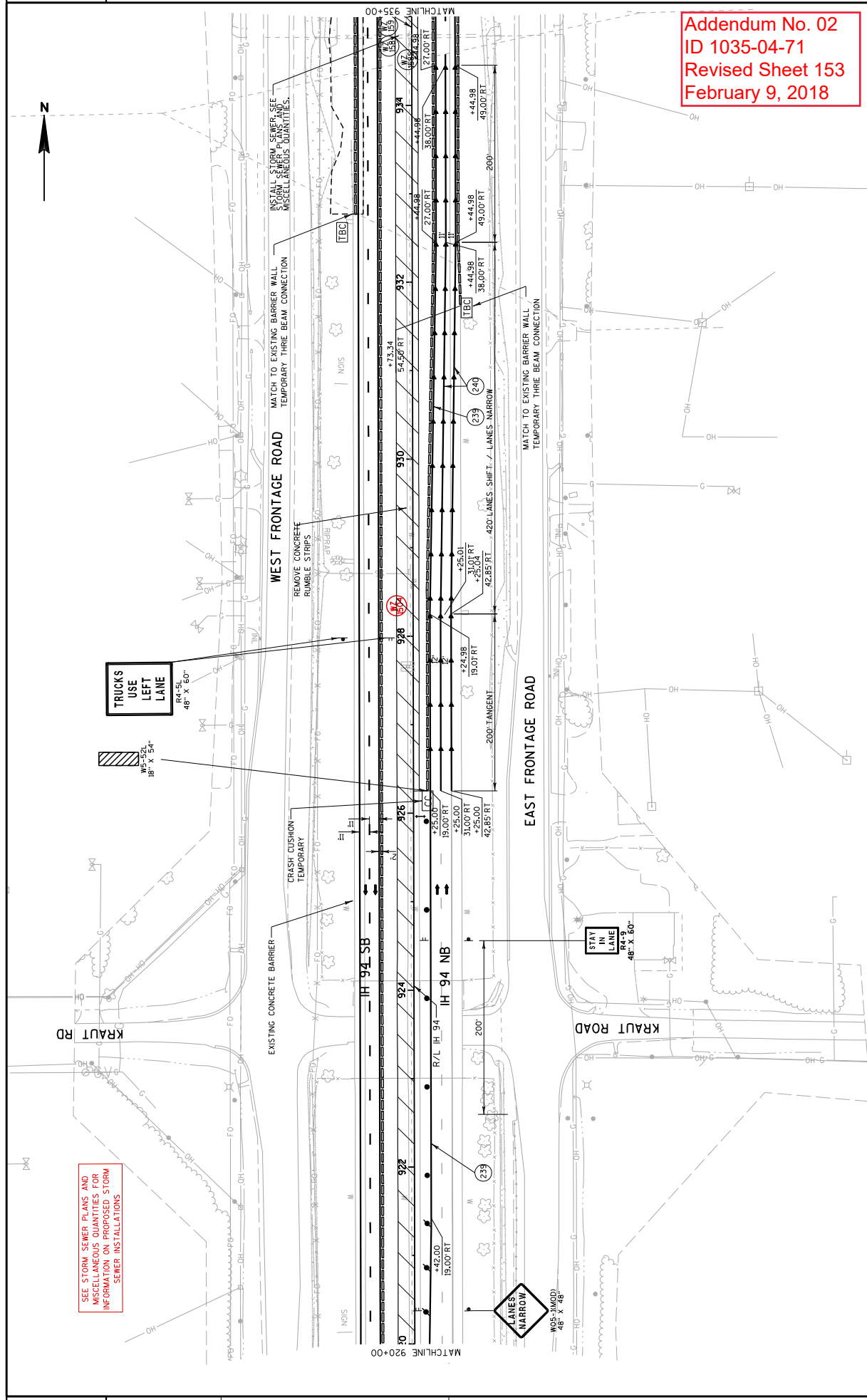


SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS



NOTE: REOPEN INSIDE LANE ON NORTHBOUND IH 41/94 AND SHIFT TRAFFIC BACK TO THE NORMAL LANES AT THE END OF STAGE 1B FROM STA 914+00 TO 918+00. REMOVE CONCRETE BARRIER TEMPORARY PRECAST AND TRAFFIC SIGNS FROM INSIDE LANE AND THE OUTSIDE SHOULDER. REMOVE CONFLICTING MARKING LINES AND REMARK LANE LINES USING MARKING LINE PAINT ITEMS.

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ID 1035-04-71
Revised Sheet 152
February 9, 2018



SEE STORM SEWER PLANS AND
 NOTES FOR DETAILS FOR
 INFORMATION ON PROPOSED STORM
 SEWER INSTALLATIONS

TRUCKS
 USE
 LEFT
 LANE

STAY
 IN
 LANE

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 ID 1035-04-71
 Revised Sheet 153
 February 9, 2018



SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS



PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

TRAFFIC CONTROL: MAINLINE - STAGE 1B

SHEET 154

E

FILE NAME : Z:\Proc\me\CADD\S\WZ Pr-ep-142-CV\CD\5\025087-TC1B-dgn

PLOT DATE : 2/8/2018

PLOT BY : James.buggs

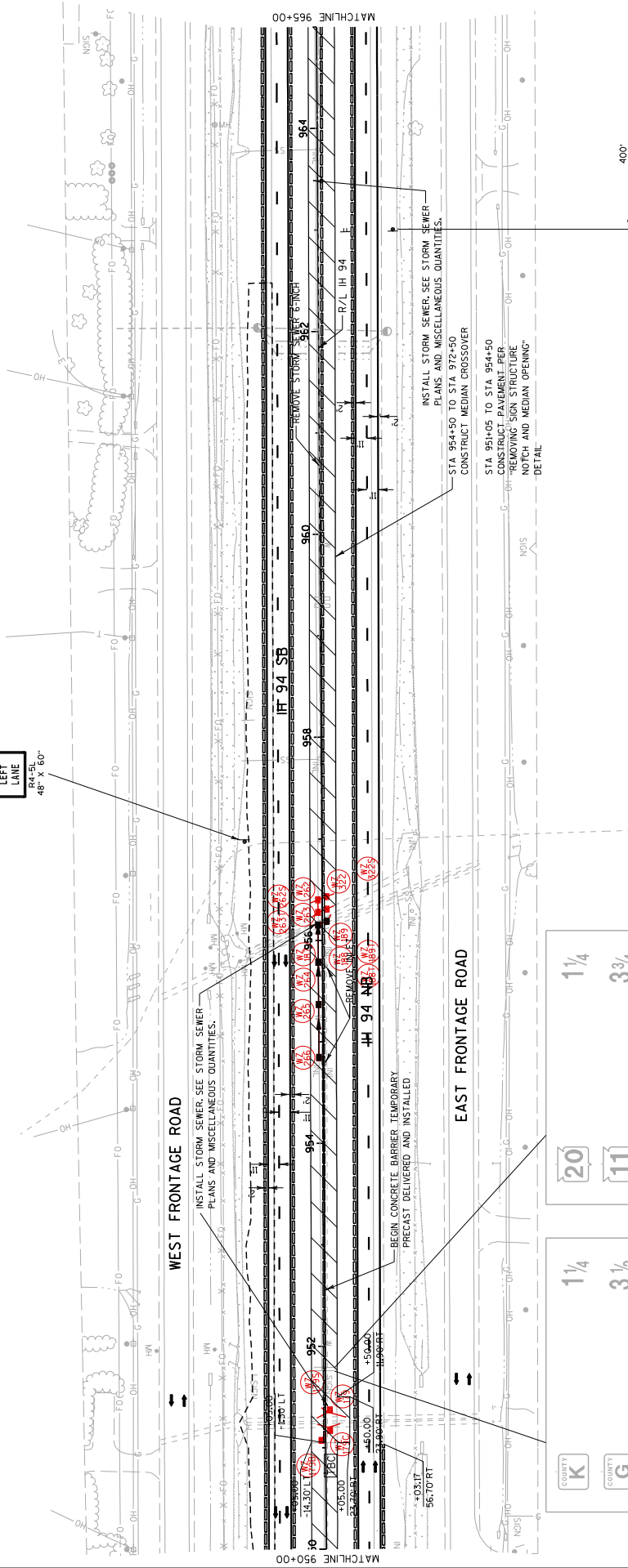
PLOT SCALE : 1:30.48

WISDOT/CADD'S SHEET 42



SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS

TRUCKS USE LEFT LANE
R4-5L
48" X 60"



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REMOVE SIGN TYPE I (SOUTHBOUND)

REMOVE SIGN TYPE I (NORTHBOUND)

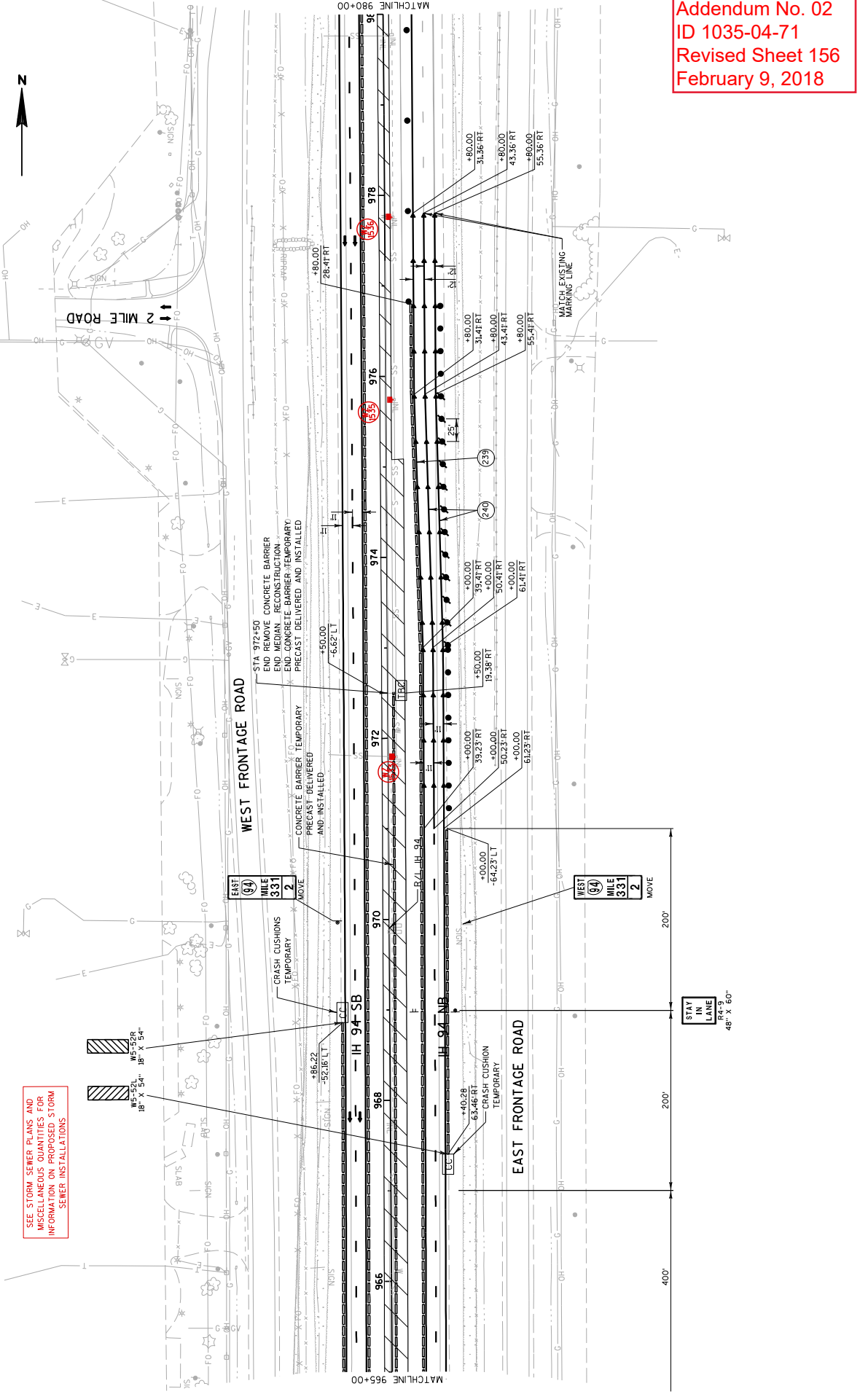
REMOVE SIGN STRUCTURE S-51-202
SEE DETAIL - REMOVING SIGN STRUCTURE NOTCH AND MEDIAN OPENING.



60
M.P.H.
W033-1
36" X 36"



SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS



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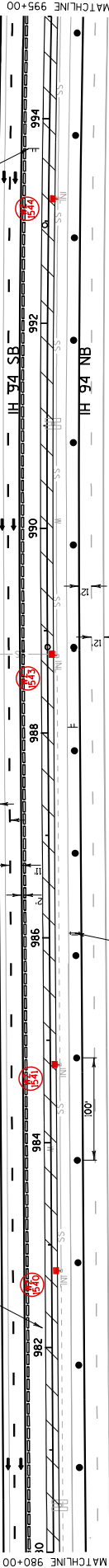
OWNER, TILES HEADING NORTH FROM HOUSES BUT INFORMATION UNKNOWN

SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS

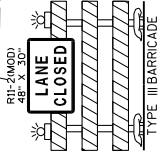
TRUCKS USE LEFT LANE
48' X 80'

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

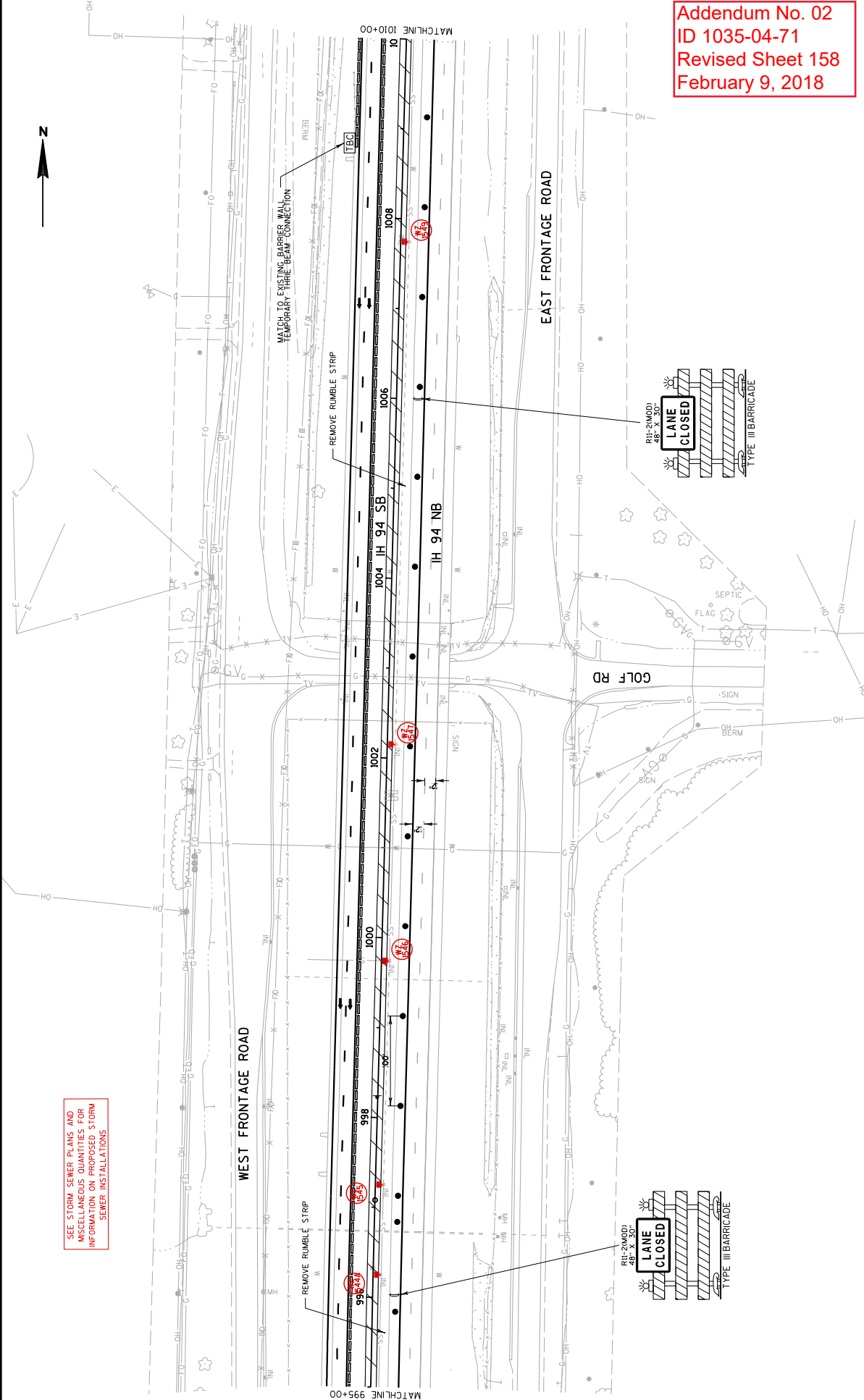


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February 9, 2018





SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS



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PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

TRAFFIC CONTROL: MAINLINE - STAGE 1B

SHEET 158

E

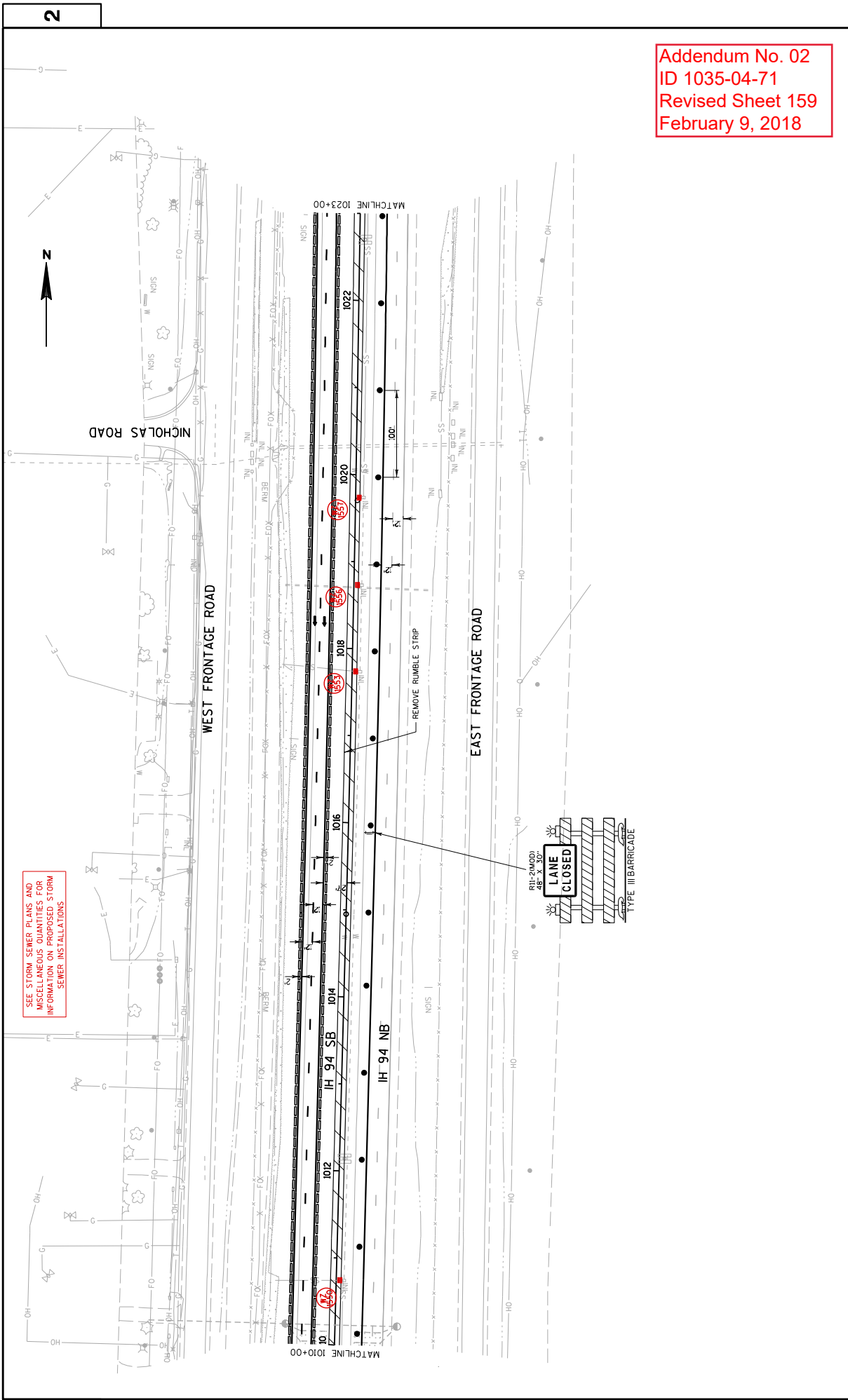
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PLOT DATE : 2/8/2018

PLOT BY : James.buggs

PLOT SCALE : 1:30.48

WISDOT/CADD SHEET 42



SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS

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 ID 1035-04-71
 Revised Sheet 159
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PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

TRAFFIC CONTROL: MAINLINE - STAGE 1B

SHEET 159

E

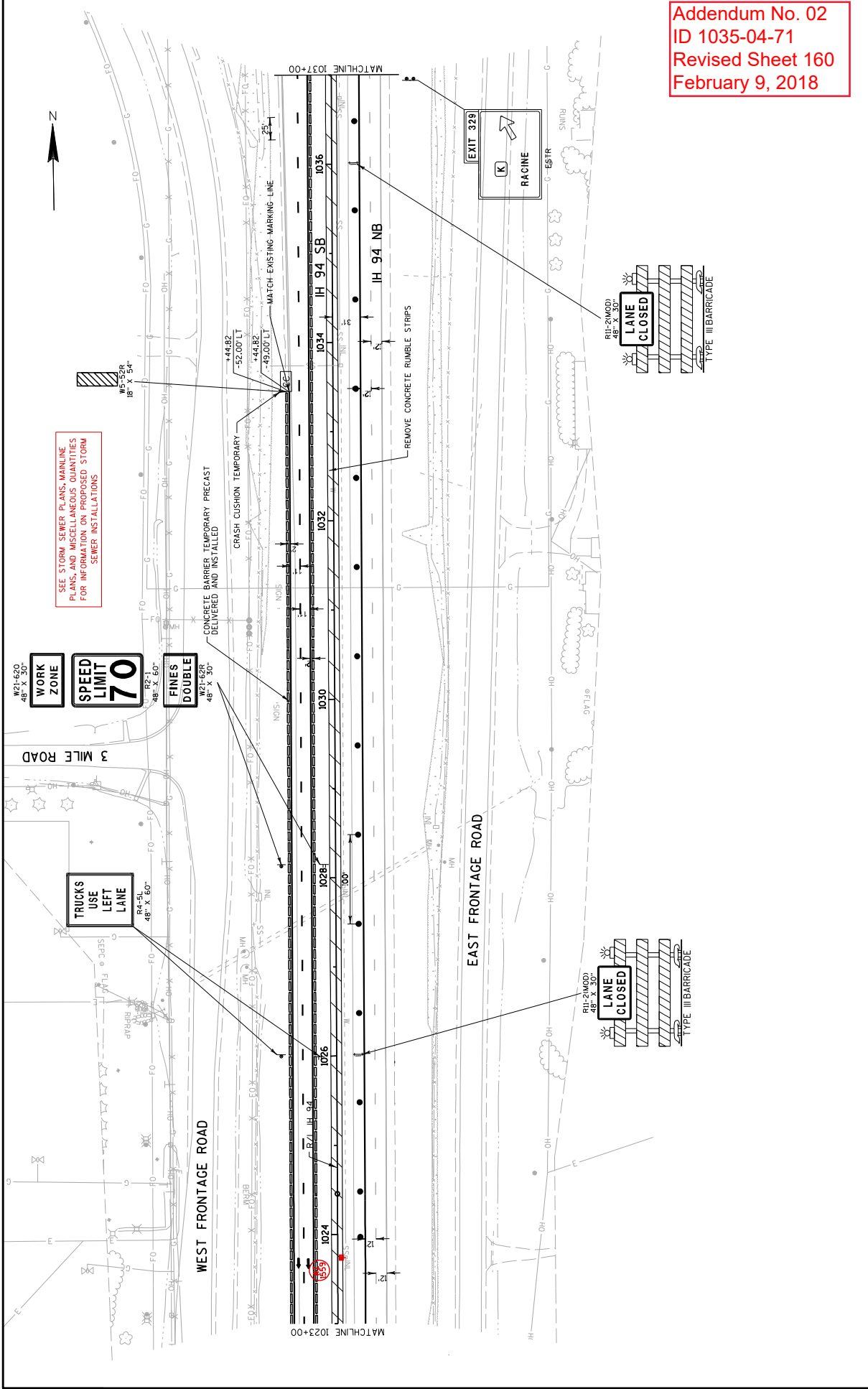
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PLOT DATE : 2/8/2018

PLOT BY : James.buggs

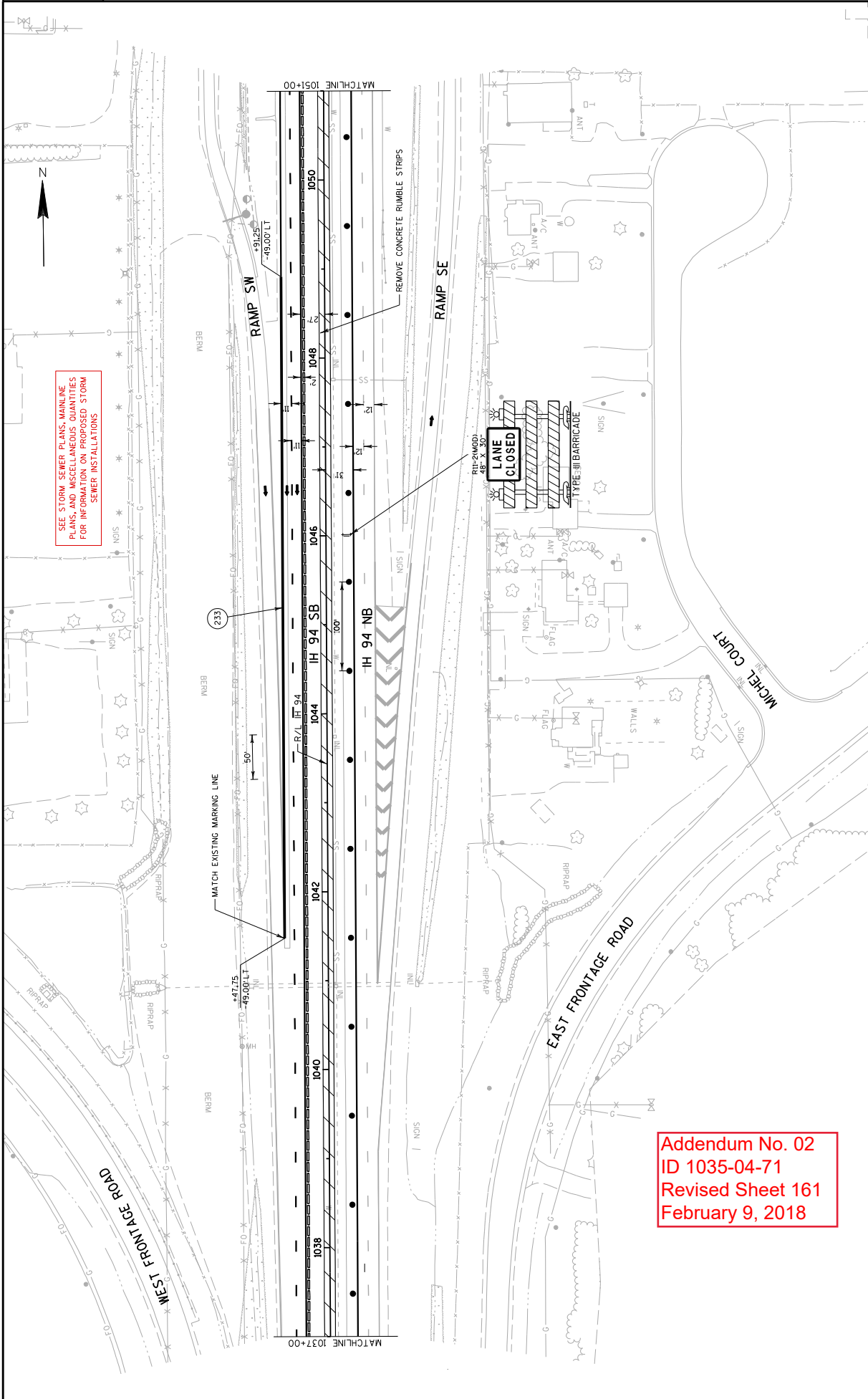
PLOT SCALE : 1:30.48

WISDOT/CADD SHEET 42



SEE STORM SEWER PLANS, MAINLINE PLANS, AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS

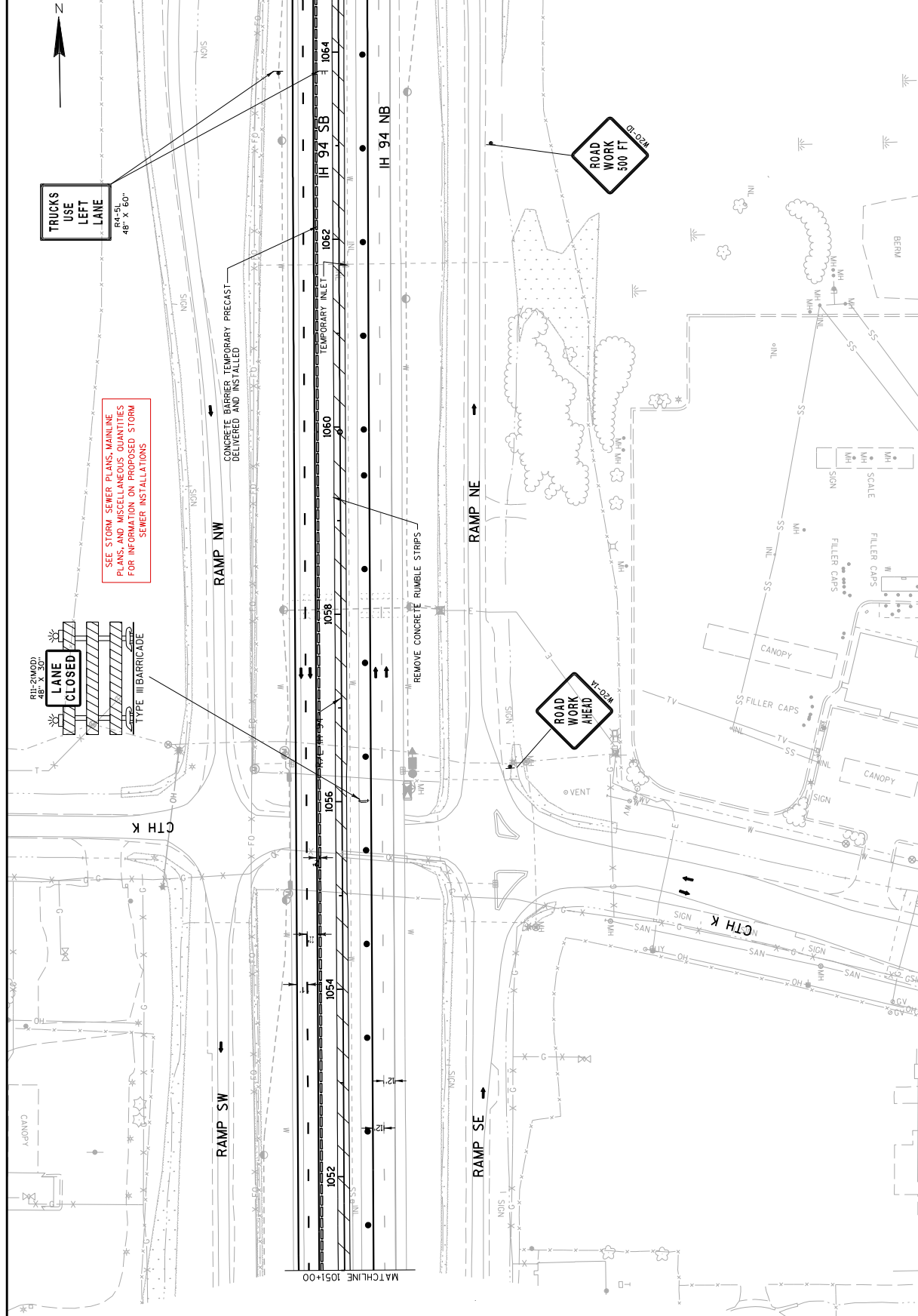
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SEE STORM SEWER PLANS, MAINLINE PLANS, AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS

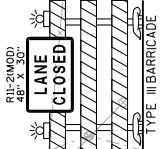
Addendum No. 02
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Addendum No. 02
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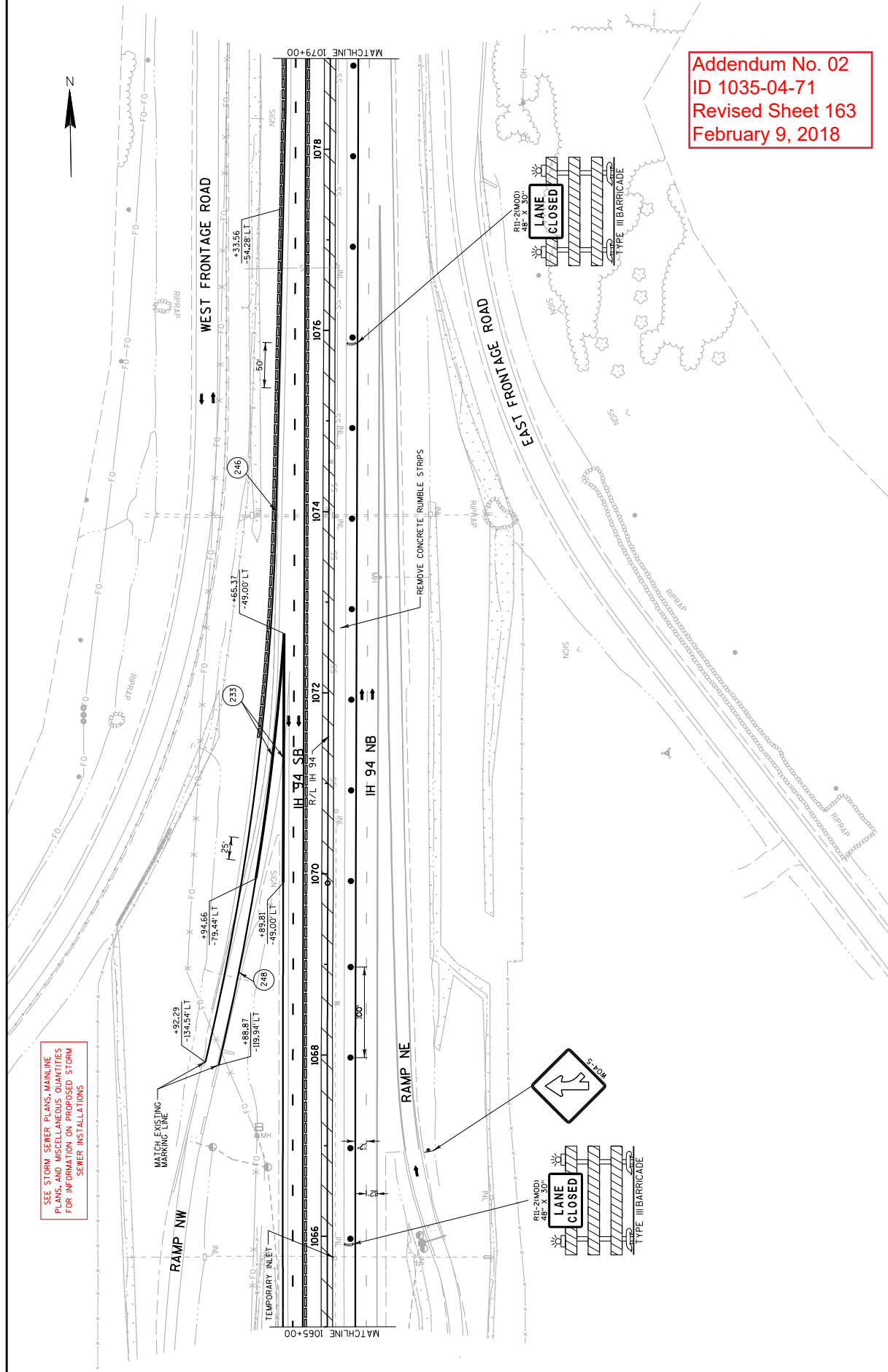


TRUCKS
 USE
 LEFT
 LANE
 R4-BL
 48" X 60"

SEE STORM SEWER PLANS, MAINLINE
 PLANS, AND MISCELLANEOUS QUANTITIES
 FOR INFORMATION ON PROPOSED STORM
 SEWER INSTALLATIONS



SEE STORM SEWER PLANS, MAINLINE PLANS, AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS



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PROJECT NO: 1035-04-71

HWY: IH 41

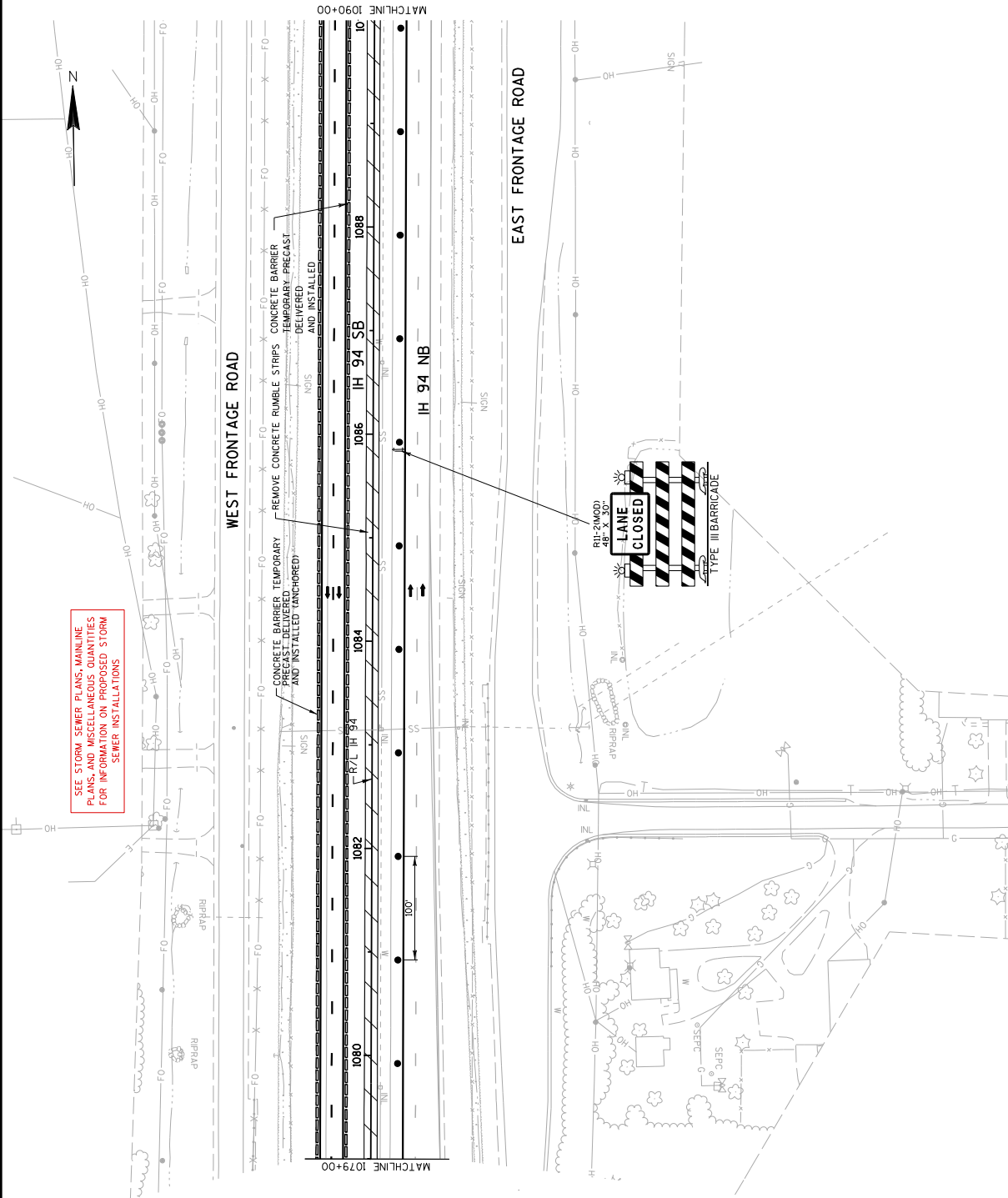
COUNTY: RACINE

TRAFFIC CONTROL: MAINLINE - STAGE 1B

SHEET 163

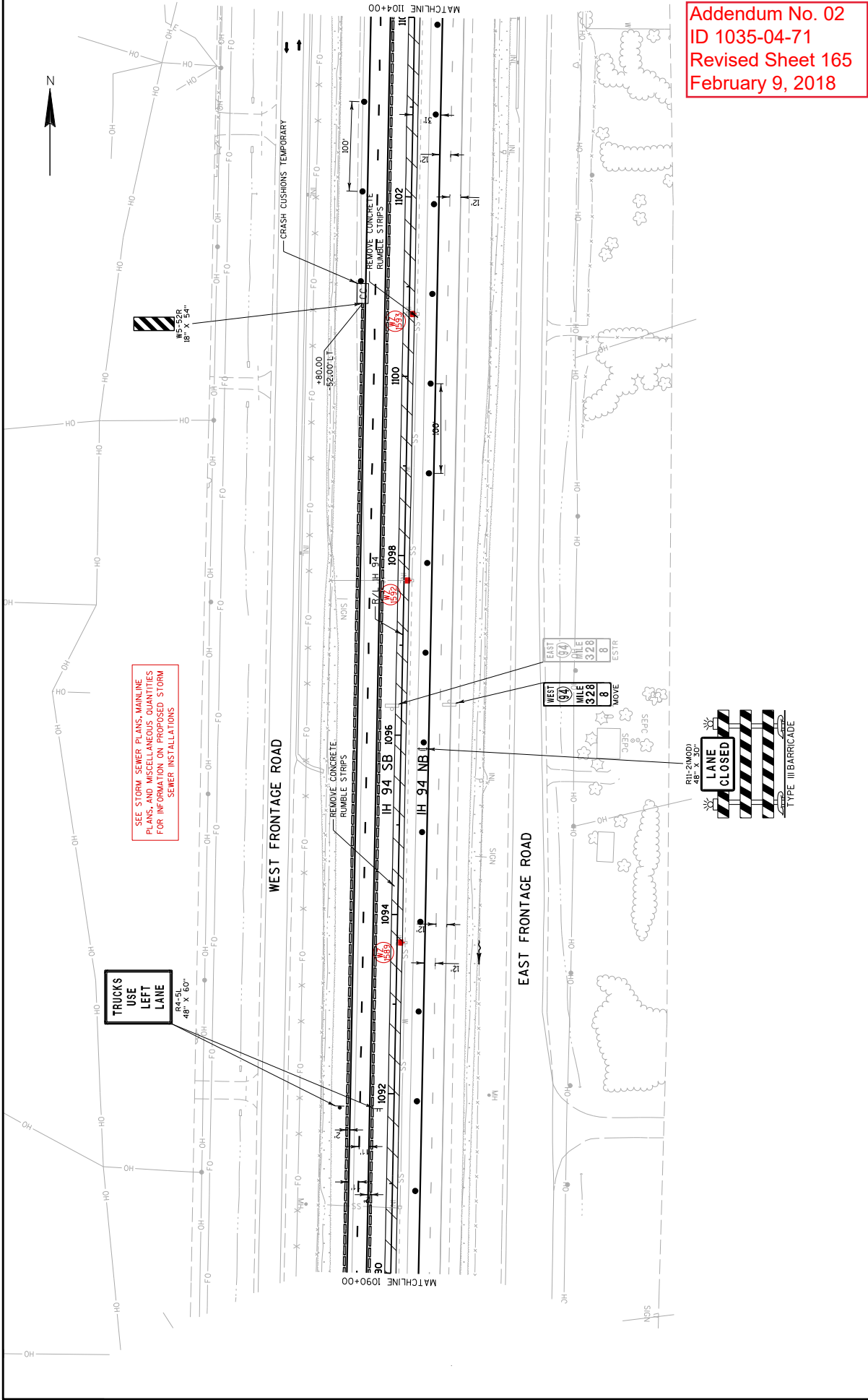
E

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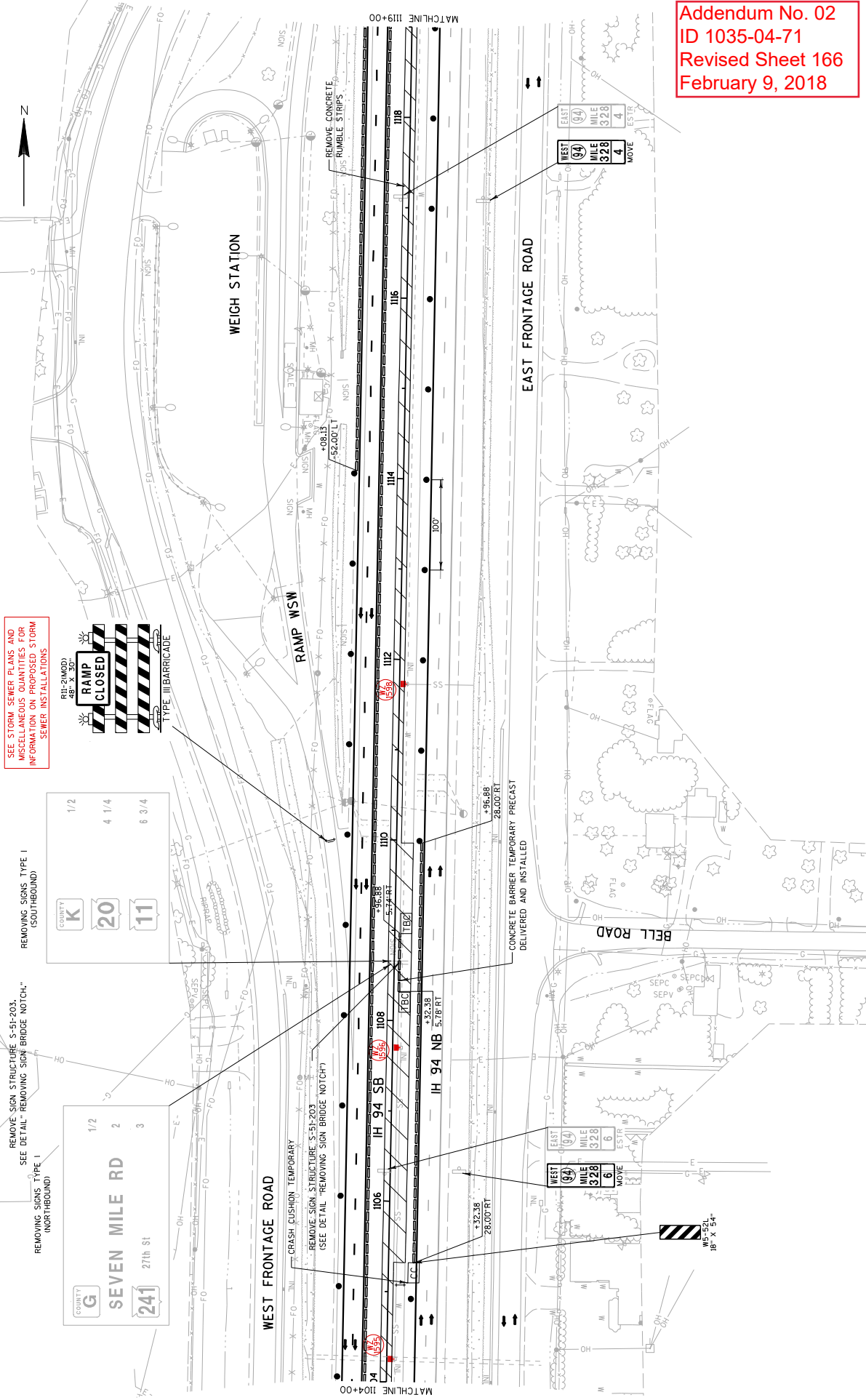
PROJECT NO: 1035-04-71
 COUNTY: RACINE
 HWY: IH 41
 TRAFFIC CONTROL: MAINLINE - STAGE 1B
 SHEET 164

FILE NAME : Z:\Roc\me\CADD\S\WZ Pr-op-142-CV\CD\025097-TC1B.dgn
 PLOT DATE : 2/8/2018
 PLOT BY : James.buggs
 PLOT SCALE : 1:30.48
 WISDOT/CADD/S SHEET 42



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PROJECT NO: 1035-04-71	HWY: IH 41	COUNTY: RACINE	TRAFFIC CONTROL: MAINLINE - STAGE 1B	SHEET 165	E
FILE NAME : Z:\Noc\me\CADD\SWZ Pr-ep-142-CV\DS\05098-TC1B.dgn			PLOT DATE : 2/8/2018		PLOT SCALE : 1:30.48
			PLOT BY : James.buggs		WISDOT/CADD SHEET 42

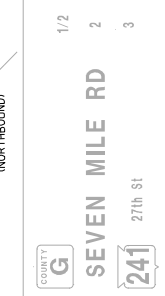


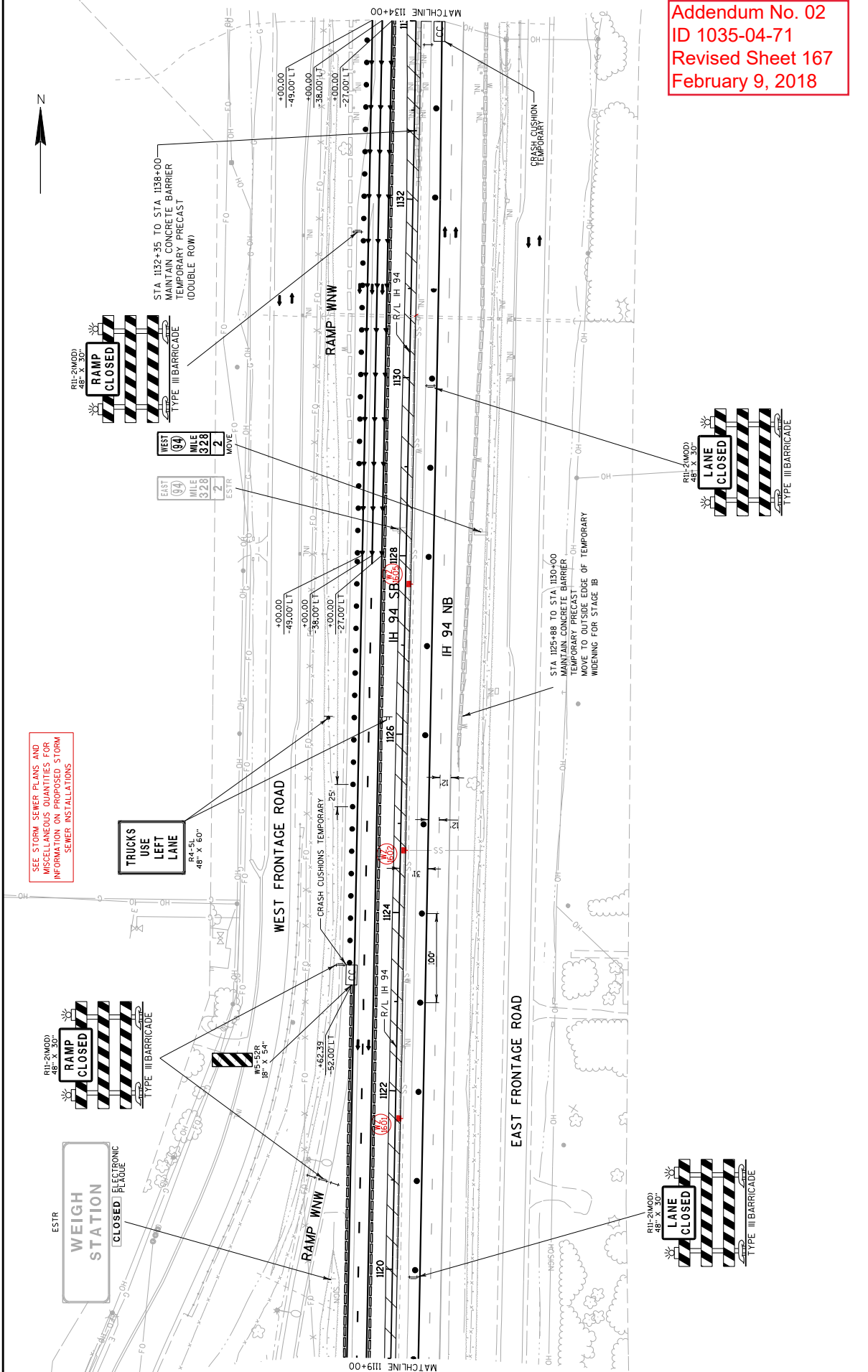
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SEE STORM SEWER PLANS AND MISCELLANEOUS QUANTITIES FOR INFORMATION ON PROPOSED STORM SEWER INSTALLATIONS

REMOVE SIGN STRUCTURE S-51-203. SEE DETAIL "REMOVING SIGN BRIDGE NOTCH".
 REMOVING SIGNS, TYPE I (NORTHBOUND)

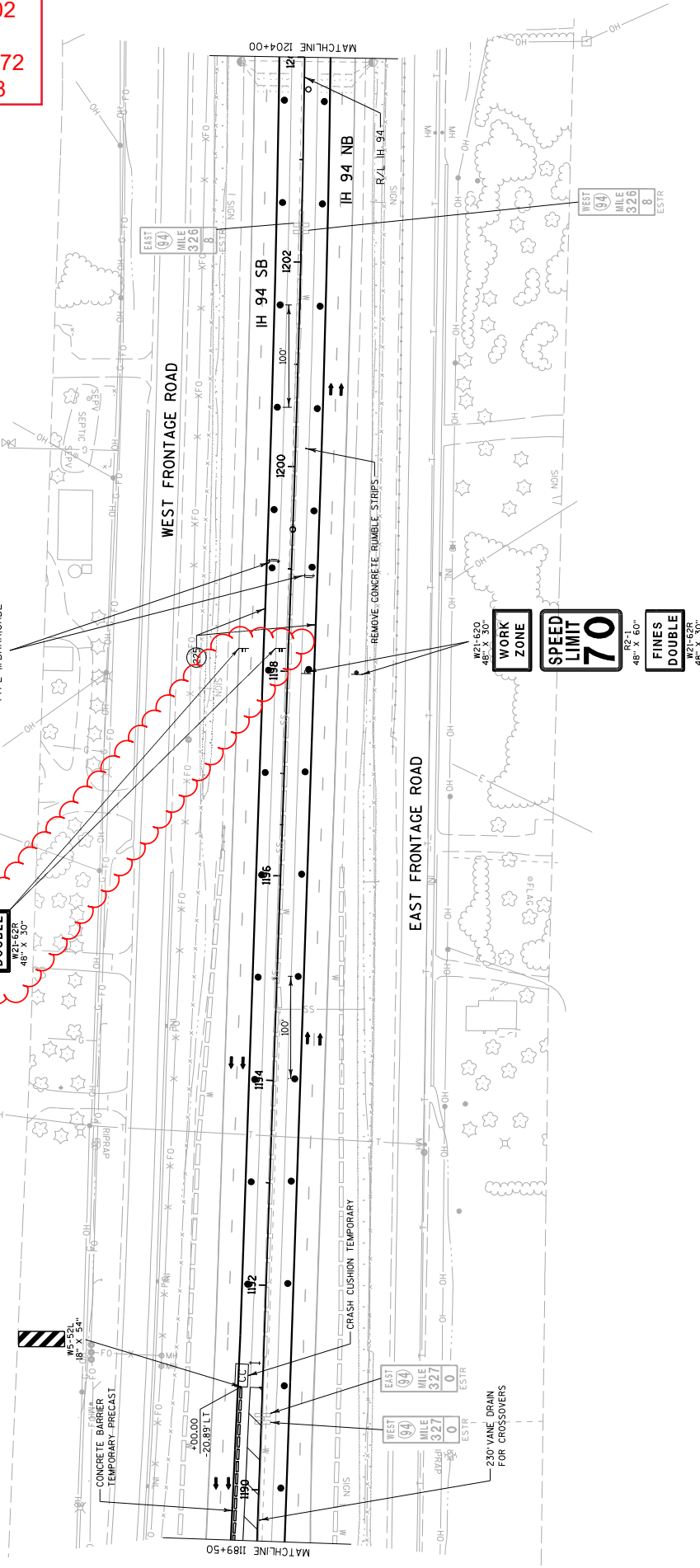
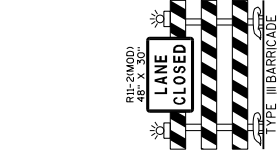
REMOVE SIGNS, TYPE I (SOUTHBOUND)





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CPM PROGRESS SCHEDULE

CATEGORY	LOCATION	STATION	TO	STATION	TO	STATION	TO	STATION
1000	IH 41, STH 142 TO CTH G	486+00		1137+00				
TOTALS								
								1

108.4400

CPM

PROGRESS

SCHEDULE

EACH

1

1

REMOVING PAVEMENT

CATEGORY	LOCATION	STATION	TO	STATION	204.0100*		204.0105		204.0109.S	
					REMOVING PAVEMENT SY	REMOVING PAVEMENT BUTT JOINTS SY	REMOVING PAVEMENT SY	REMOVING PAVEMENT BUTT JOINTS SY	REMOVING PAVEMENT CONCRETE SURFACE PARTIAL DEPTH SF	
1000	STH 142 TO CTH E	486+00		525+00	--	--	--	--	32,300	
	CTH E INTERCHANGE MAINLINE	525+00		582+00	467	--	--	--	44,886	
	CTH E TO CTH KR	582+00		632+50	--	--	--	--	50,500	
	CTH KR INTERCHANGE MAINLINE	632+50		683+50	--	24	--	--	40,883	
	CTH KR TO STH 11	683+50		730+00	--	18	--	--	45,773	
	STH 11 INTERCHANGE MAINLINE	730+00		783+00	103	18	--	--	39,108	
	STH 11 TO STH 20	783+00		829+00	--	6	--	--	36,967	
	STH 20 INTERCHANGE MAINLINE	829+00		895+00	--	--	--	--	--	
	STH 20 TO CTH K (SOUTH)	895+00		968+00	3,434	18	--	--	35,558	
	STH 20 TO CTH K (NORTH)	968+00		1024+00	--	18	--	--	54,855	
	CTH K INTERCHANGE MAINLINE	1024+00		1093+00	40	--	--	--	57,800	
	CTH K TO CTH G	1093+00		1137+00	2,017	6	--	--	19,213	
	UNDISTRIBUTED				--	--	--	--	1,000	
TOTALS					6,061	108			458,843	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING ASPHALTIC SURFACE

CATEGORY	LOCATION	STATION	TO	STATION	204.0115		204.0120	
					REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	REMOVING ASPHALTIC SURFACE MILLING SY		
1000	STH 142 TO CTH E	486+00		525+00	25	--	--	--
	CTH E INTERCHANGE MAINLINE	525+00		582+00	50	160	--	--
	CTH E TO CTH KR	582+00		632+50	--	160	--	--
	CTH KR INTERCHANGE MAINLINE	632+50		683+50	50	494	--	--
	CTH KR TO STH 11	683+50		730+00	--	753	--	--
	STH 11 INTERCHANGE MAINLINE	730+00		783+00	50	160	--	--
	STH 11 TO STH 20	783+00		829+00	25	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00		895+00	--	--	--	--
	STH 20 TO CTH K (SOUTH)	895+00		968+00	50	160	--	--
	STH 20 TO CTH K (NORTH)	968+00		1024+00	25	160	--	--
	CTH K INTERCHANGE MAINLINE	1024+00		1093+00	50	860	--	--
	CTH K TO CTH G	1093+00		1137+00	25	--	--	--
TOTALS					350	2,907		

CURB & GUTTER REMOVAL

CATEGORY	LOCATION	STATION	TO	STATION	204.0150	
					REMOVING CURB & GUTTER LF	REMOVING CURB & GUTTER LF
1000	STH 142 TO CTH E	486+00		525+00	--	--
	CTH E INTERCHANGE MAINLINE	525+00		582+00	341	--
	CTH E TO CTH KR	582+00		632+50	--	--
	CTH KR INTERCHANGE MAINLINE	632+50		683+50	--	--
	CTH KR TO STH 11	683+50		730+00	--	--
	STH 11 INTERCHANGE MAINLINE	730+00		783+00	--	--
	STH 11 TO STH 20	783+00		829+00	--	--
	STH 20 INTERCHANGE MAINLINE	829+00		895+00	--	--
	STH 20 TO CTH K (SOUTH)	895+00		968+00	--	--
	STH 20 TO CTH K (NORTH)	968+00		1024+00	--	--
	CTH K INTERCHANGE MAINLINE	1024+00		1093+00	--	--
	CTH K TO CTH G	1093+00		1137+00	--	--
TOTAL					341	

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REMOVING BARRIER

CATEGORY LOCATION	STATION TO STATION	COMMENTS	204.0157* REMOVING CONCRETE BARRIER LF
1000 STH 142 TO CTH E	486+00 525+00		--
CTH E INTERCHANGE MAINLINE	525+00 582+00	MEDIAN BARRIER	700
CTH E TO CTH KR	582+00 632+50		10
CTH KR INTERCHANGE MAINLINE	632+50 683+50		10
CTH KR TO STH 11	683+50 730+00		--
STH 11 INTERCHANGE MAINLINE	730+00 783+00		10
STH 11 TO STH 20	783+00 829+00		--
STH 20 INTERCHANGE MAINLINE	829+00 895+00		4,100
STH 20 TO CTH K (SOUTH)	895+00 968+00	MEDIAN BARRIER	10
STH 20 TO CTH K (NORTH)	968+00 1024+00		10
CTH K INTERCHANGE MAINLINE	1024+00 1093+00		--
CTH K TO CTH G	1093+00 1137+00	INCLUDES BARRIER REMOVAL FOR CROSSOVER CONSTRUCTION	8,435
TOTAL			13,285

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING DELINEATORS AND MARKERS

CATEGORY LOCATION	STATION TO STATION	204.0180 REMOVING DELINEATORS AND MARKERS EACH
1000 STH 142 TO CTH E	486+00 525+00	--
CTH E INTERCHANGE MAINLINE	525+00 582+00	--
CTH E TO CTH KR	582+00 632+50	--
CTH KR INTERCHANGE MAINLINE	632+50 683+50	4
CTH KR TO STH 11	683+50 730+00	4
STH 11 INTERCHANGE MAINLINE	730+00 783+00	4
STH 11 TO STH 20	783+00 829+00	--
STH 20 INTERCHANGE MAINLINE	829+00 895+00	--
STH 20 TO CTH K (SOUTH)	895+00 968+00	--
STH 20 TO CTH K (NORTH)	968+00 1024+00	14
CTH K INTERCHANGE MAINLINE	1024+00 1093+00	10
CTH K TO CTH G	1093+00 1137+00	9
TOTAL		45

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REMOVING FENCE

CATEGORY LOCATION	STATION TO STATION	204.0170 REMOVING FENCE LF
1000 STH 142 TO CTH E	486+00 525+00	100
CTH E INTERCHANGE MAINLINE	525+00 582+00	100
CTH E TO CTH KR	582+00 632+50	100
CTH KR INTERCHANGE MAINLINE	632+50 683+50	100
CTH KR TO STH 11	683+50 730+00	100
STH 11 INTERCHANGE MAINLINE	730+00 783+00	100
STH 11 TO STH 20	783+00 829+00	100
STH 20 INTERCHANGE MAINLINE	829+00 895+00	100
STH 20 TO CTH K (SOUTH)	895+00 968+00	100
STH 20 TO CTH K (NORTH)	968+00 1024+00	100
CTH K INTERCHANGE MAINLINE	1024+00 1093+00	100
CTH K TO CTH G	1093+00 1137+00	100
TOTAL		1,200

REMOVING INLETS

CATEGORY LOCATION	STATION TO STATION	204.0220 REMOVING INLETS EACH
1000 STH 142 TO CTH E	486+00 525+00	--
CTH E INTERCHANGE MAINLINE	525+00 582+00	--
CTH E TO CTH KR	582+00 632+50	--
CTH KR INTERCHANGE MAINLINE	632+50 683+50	--
CTH KR TO STH 11	683+50 730+00	--
STH 11 INTERCHANGE MAINLINE	730+00 783+00	--
STH 11 TO STH 20	783+00 829+00	--
STH 20 INTERCHANGE MAINLINE	829+00 895+00	4
STH 20 TO CTH K (SOUTH)	895+00 968+00	--
STH 20 TO CTH K (NORTH)	968+00 1024+00	--
CTH K INTERCHANGE MAINLINE	1024+00 1093+00	--
CTH K TO CTH G	1093+00 1137+00	--
TOTAL		4

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HWY: IH 41

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET 218

E

REMOVING STORM SEWER

CATEGORY LOCATION	STATION	TO STATION	204.0245.002 REMOVING STORM SEWER 6-INCH		204.0245.006 REMOVING STORM SEWER 15-INCH		204.0245.008 REMOVING STORM SEWER 18-INCH		204.0245.020 REMOVING STORM SEWER 42-INCH	
			LF	LF	LF	LF	LF	LF		
1000	STH 142 TO CTH E	486+00	525+00	--	--	--	--	--	--	--
	CTH E INTERCHANGE MAINLINE	525+00	582+00	--	--	--	--	--	--	--
	CTH E TO CTH KR	582+00	632+50	--	--	--	--	--	--	--
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	--	--	--	--	--	--	--
	CTH KR TO STH 11	683+50	730+00	--	--	--	--	--	--	--
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	--	--	--	--	--	--	--
	STH 11 TO STH 20	783+00	829+00	--	--	--	--	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	--	--	--	--	--	--	--
	STH 20 TO CTH K (SOUTH)	895+00	968+00	1,082	259	96	28	26	26	26
	STH 20 TO CTH K (NORTH)	968+00	1024+00	--	135	--	--	--	--	--
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	--	--	--	--	--	--	--
	CTH K TO CTH G	1093+00	1137+00	--	--	--	--	--	--	--
TOTALS			1,082	394	124	26				

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VANE DRAIN REMOVALS

CATEGORY LOCATION	STATION	TO STATION	204.0100* REMOVING PAVEMENT		204.9060.S.003 REMOVING SLOTTED VANE DRAIN		390.0303* BASE PATCHING CONCRETE		611.0430 RECONSTRUCTING INLETS		COMMENTS
			SY	EACH	SY	EACH	SY	EACH	SY	EACH	
1000	STH 142 TO CTH E	486+00	525+00	--	--	--	--	--	--	--	
	CTH E INTERCHANGE MAINLINE	525+00	582+00	--	--	--	--	--	2		
	CTH E TO CTH KR	582+00	632+50	80	16	208	3		3		
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	35	7	91	1		1		
	CTH KR TO STH 11	683+50	730+00	15	3	39	1		1		
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	20	4	52	1		1		
	STH 11 TO STH 20	783+00	829+00	--	--	--	--	--	--	--	
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	--	--	--	--	--	--	--	
	STH 20 TO CTH K (SOUTH)	895+00	968+00	85	17	221	8		8		
	STH 20 TO CTH K (NORTH)	968+00	1024+00	85	17	221	8		8		
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	--	--	--	--	--	--	--	
	CTH K TO CTH G	1093+00	1137+00	50	10	130	6		6		
TOTALS			370	74	962	30					

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET 219

E

EARTHWORK SUMMARY

Division	Station - Station	Location	(2) Cut		(3)(7) EBS Excavation		(1) Excavation Common		(4) Roadway Embankment		(5) Select Borrow Factor 1.00	(6) Mass Ordinate +/-	Comment:
			CY	CY	CY	CY	CY	CY	CY	CY			
Stage 1A	672+40 - 680+27	IH 41 SB at KR (TEMP EXIT RAMP)	640	0	0	640	0	640	11	11	0	629	
	727+53 - 738+15	IH 41 SB at 11 (TEMP ENTRANCE RAMP)	960	0	0	960	0	960	5	5	0	956	
	932+77 - 962+48	IH 41 SB TEMP WIDENING	5,279	0	0	5,279	0	5,279	77	77	0	5,202	
Division 1 Subtotal			6,879	0	0	6,879	0	6,879	93	93	0	6,786	
Stage 1B	829+00 - 895+00	STH 20 INTERCHANGE - IH 41 SB EXIT RAMP	402	0	0	402	0	402	0	514	0	402	
	829+00 - 843+50	IH 41 MEDIAN CROSSOVER	1,477	0	0	1,477	0	1,477	0	0	0	1,477	
	880+00 - 886+00	IH 41 MEDIAN CROSSOVER	811	0	0	811	0	811	0	0	0	811	
	1137+00 - 1143+10	IH 41 MEDIAN CROSSOVER	620	0	0	620	0	620	0	0	0	620	
	1171+50 - 1188+00	IH 41 MEDIAN CROSSOVER	1,712	0	0	1,712	0	1,712	0	0	0	1,712	
Division 2 Subtotal			5,022	0	0	5,022	0	5,022	0	514	0	5,022	
Total			11,901	0	0	11,901	0	11,901	607	607	0	0	

NOTES:
 1) Excavation Common = Cut + EBS Excavation.
 * ADDITIONAL QUANTITIES LISTED ELSEWHERE.

- Cut Volume Includes Concrete and Asphaltic Surface Material.
- EBS Excavation to be backfilled with Select Borrow. All EBS material is assumed to be wasted offsite. EBS quantity estimated using soil boring and median test pit logs plus an additional 25% of estimated EBS as undistributed quantity.
- Roadway Embankment = Unexpanded Fill
- Select Borrow is used for backfill of EBS. Select Borrow = EBS Excavation x 1.0.
- The Mass Ordinate is calculated by Division. A positive quantity indicates an excess of material within the division and a negative number indicates a shortage of material within the division. Mass Ordinate = Cut - Unexpanded Fill. The Mass Ordinate is for information 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.
- Geogrid Type SR is to be used in locations of EBS backfill. If warranted, quantity is listed elsewhere.

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TEMPORARY EMERGENCY PULLOUTS

205.3000.S
TEMPORARY
EMERGENCY
PULLOUTS

CATEGORY LOCATION STATION TO STATION EACH

1000 IH 41, STH 142 TO CTH G 486+00 1137+00 5

TOTAL

5

FINISHING ROADWAY

213.0100.080
FINISHING
ROADWAY
(1035-04-71)

CATEGORY LOCATION STATION TO STATION EACH

1000 IH 41, STH 142 TO CTH G 486+00 1137+00 1

TOTAL

1

BASE AGGREGATE ITEMS

CATEGORY LOCATION	STATION TO STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH		305.0120* BASE AGGREGATE DENSE 1 1/4-INCH		SELECT CRUSHED MATERIAL	COMMENTS
		TON	TON	TON	TON		
1000	STH 142 TO CTH E	486+00	525+00	--	530	627	
	CTH E INTERCHANGE MAINLINE	525+00	582+00	--	2,869	2,858	
	CTH E TO CTH KR	582+00	632+50	--	80	32	
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	--	447	472	
	CTH KR TO STH 11	683+50	730+00	--	108	106	
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	--	534	557	
	STH 11 TO STH 20	783+00	829+00	--	--	--	
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	--	2,593	1,237	
	STH 20 TO CTH K (SOUTH)	895+00	968+00	--	4,068	3,102	
	STH 20 TO CTH K (NORTH)	968+00	1024+00	--	741	470	
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	0	700	740	
	CTH K TO CTH G	1093+00	1137+00	--	1,116	1,287	INCLUDES CROSSOVER QTYS
	UNDISTRIBUTED		1,500		200	50	
	TOTALS		1,500		13,886	11,538	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

Addendum No. 02
ID 1035-04-71
Revised Sheet 225
February 9, 2018

ASPHALTIC ITEMS

CATEGORY LOCATION	STATION TO STATION	450.1100.S ASPHALTIC MIXTURE FOR EXTREME CONDITIONS		455.0605 TACK COAT		460.2000 INCENTIVE DENSITY PAVEMENT		465.0125* ASPHALTIC SURFACE TEMPORARY		COLD PATCH
		TON	TON	GAL	DOL	TON	TON	TON	TON	
1000	STH 142 TO CTH E	486+00	525+00	466	\$357	558	364	10	10	
	CTH E INTERCHANGE MAINLINE	525+00	582+00	154	\$845	1,320	450	10	10	
	CTH E TO CTH KR	582+00	632+50	511	\$0	0	698	10	10	
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	516	\$140	220	609	10	10	
	CTH KR TO STH 11	683+50	730+00	480	\$30	50	634	10	10	
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	477	\$180	281	533	10	10	
	STH 11 TO STH 20	783+00	829+00	493	\$0	0	654	10	10	
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	353	\$820	1,279	0	--	--	
	STH 20 TO CTH K (SOUTH)	895+00	968+00	1,899	\$3,030	4,741	497	10	10	
	STH 20 TO CTH K (NORTH)	968+00	1024+00	737	\$360	558	757	10	10	
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	475	\$210	325	670	10	10	
	CTH K TO CTH G	1093+00	1137+00	550	\$700	1,095	266	10	10	
	TOTALS	220	5,901	7,111	\$6,672	10,427	6,132	110	110	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET 225

E

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ID 1035-04-71
Added Sheet 226A
February 9, 2018

CONCRETE BARRIER ITEMS

CATEGORY	LOCATION	STATION	TO STATION	603.0105 CONCRETE BARRIER SINGLE-FACED 32-INCH		603.0205 CONCRETE BARRIER DOUBLE-FACED 32-INCH	
				LF	LF	LF	LF
1000	STH 142 TO CTH E	486+00	525+00	--	--	--	--
	CTH E INTERCHANGE MAINLINE	525+00	582+00	--	--	--	--
	CTH E TO CTH KR	582+00	632+50	10	10	10	10
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	10	10	10	10
	CTH KR TO STH 11	683+50	730+00	--	--	--	--
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	10	10	10	10
	STH 11 TO STH 20	783+00	829+00	--	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	--	--	--	--
	STH 20 TO CTH K (SOUTH)	895+00	968+00	10	10	10	10
	STH 20 TO CTH K (NORTH)	968+00	1024+00	10	10	10	10
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	--	--	--	--
	CTH K TO CTH G	1093+00	1137+00	--	--	--	--
TOTALS				50	50	50	50

PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET

226A

E

PIPE EXTENSIONS

CATEGORY	LOCATION	STATION	OFFSET	EACH	520.4018		520.4042		521.1518	
					RECONNECT	STORMSEWER	CULVERT PIPE	TEMPORARY	CULVERT PIPE	TEMPORARY
					18-INCH	42-INCH	18-INCH	42-INCH	18-INCH	42-INCH
					LF	LF	LF	LF	LF	LF
1000	STH 20 INTERCHANGE - IH 41 SB EXIT RAMP	895+77	RT	--	--	--	--	--	--	--
	STH 20 TO CTH K (SOUTH)	941+81	LT	1	--	--	1	--	1	--
	STH 20 TO CTH K (SOUTH)	949+78	RT	1	24	--	--	--	--	--
	STH 20 TO CTH K (SOUTH)	949+79	LT	1	--	--	1	--	1	--
	STH 20 TO CTH K (SOUTH)	957+80	LT	1	--	--	1	--	1	--
	STH 20 TO CTH K (NORTH)	1018+70	RT	1	26	--	--	--	--	--
	CTH K TO CTH G	1111+73	RT	--	38	--	--	--	--	--
	CTH K TO CTH G	1124+70	RT	--	38	--	--	--	--	--
TOTALS					6	126	26	3	3	46

CATEGORY	LOCATION	STATION	OFFSET	EACH	608.0418		608.0418		608.0418	
					RECONNECT	STORMSEWER	STORMSEWER PIPE	TEMPORARY	STORMSEWER PIPE	TEMPORARY
					15-INCH	18-INCH	15-INCH	18-INCH	15-INCH	18-INCH
					LF	LF	LF	LF	LF	LF
1000	STH 20 INTERCHANGE - IH 41 SB EXIT RAMP	895+77	RT	--	8	--	--	--	1	--
	STH 20 TO CTH K (SOUTH)	941+81	LT	1	--	--	18	--	--	--
	STH 20 TO CTH K (SOUTH)	949+78	RT	1	24	--	--	--	--	--
	STH 20 TO CTH K (SOUTH)	949+79	LT	1	--	--	14	--	--	--
	STH 20 TO CTH K (SOUTH)	957+80	LT	1	--	--	14	--	--	--
	STH 20 TO CTH K (NORTH)	1018+70	RT	1	26	--	--	--	--	--
	CTH K TO CTH G	1111+73	RT	--	38	--	--	--	--	--
	CTH K TO CTH G	1124+70	RT	--	38	--	--	--	--	--
TOTALS					8	126	46	46	1	46

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

PIPE UNDERDRAIN ITEMS

CATEGORY	LOCATION	STATION	TO	STATION	612.0404		612.0600	
					UNDERDRAIN WRAPPED 4-INCH	UNDERDRAIN TRENCH	UNDERDRAIN WRAPPED 4-INCH	UNDERDRAIN TRENCH
					LF	LF	LF	LF
1000	STH 142 TO CTH E	486+00	525+00	315	315	315	315	315
	CTH E INTERCHANGE MAINLINE	525+00	582+00	660	660	660	660	660
	CTH E TO CTH KR	582+00	632+50	--	--	--	--	--
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	345	345	345	345	345
	CTH KR TO STH 11	683+50	730+00	320	320	320	320	320
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	--	--	--	--	--
	STH 11 TO STH 20	783+00	829+00	--	--	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	--	--	--	--	--
	STH 20 TO CTH K (SOUTH)	895+00	968+00	--	--	--	--	--
	STH 20 TO CTH K (NORTH)	968+00	1024+00	--	--	--	--	--
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	--	--	--	--	--
	CTH K TO CTH G	1093+00	1137+00	--	--	--	--	--
TOTALS					1,640	1,640	1,640	1,640

DRAIN TILE ITEMS

CATEGORY	LOCATION	STATION	TO	STATION	612.0700	
					DRAIN TILE	EXPLORATION
					LF	LF
1000	STH 142 TO CTH E	486+00	525+00	--	--	--
	CTH E INTERCHANGE MAINLINE	525+00	582+00	--	--	--
	CTH E TO CTH KR	582+00	632+50	--	--	--
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	--	--	--
	CTH KR TO STH 11	683+50	730+00	--	--	--
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	--	--	--
	STH 11 TO STH 20	783+00	829+00	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	--	--	--
	STH 20 TO CTH K (SOUTH)	895+00	968+00	200	200	200
	STH 20 TO CTH K (NORTH)	968+00	1024+00	--	--	--
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	--	--	--
	CTH K TO CTH G	1093+00	1137+00	--	--	--
TOTAL					200	200

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ID 1035-04-71
Revised Sheet 229
February 9, 2018

PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET 229

E

Addendum No. 02
ID 1035-04-71
Revised Sheet 230
February 9, 2018

STORM SEWER STRUCTURES

611.2005 611.2006 611.2008 SPV.0060.027 611.3004 611.3225 611.0610

MANHOLES MANHOLES MANHOLES MANHOLES INLETS INLETS INLET

5-FT 6-FT 8-FT 10-FT 4-FT 4-FT 2X2.5-FT TYPE BW

DIAMETER DIAMETER DIAMETER DIAMETER DIAMETER DIAMETER DIAMETER

EACH EACH EACH EACH EACH EACH EACH

COVERS INLETS INLETS INLETS INLETS INLETS INLETS

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STRUCTURE NUMBER STATION

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1000 WZ IH-94-MEDIAN

744+00

3.00

LT

749+00

3.00

LT

753+00

3.00

LT

895+77

9.00

LT

899+77

9.00

LT

902+71

9.00

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903+78

9.00

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907+77

9.00

LT

911+77

9.00

LT

917+75

9.00

LT

928+71

9.00

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937+76

9.00

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941+54

8.00

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945+74

6.50

LT

949+79

7.00

LT

934+78

13.50

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WZ1487

WZ1490

WZ1492

WZ1493

WZ1495

WZ1498

WZ1501

WZ1504

WZ1509

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CONTINUED ON THE NEXT PAGE

PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET 230

E

STORM SEWER STRUCTURES

CATEGORY	STAGE	STRUCTURE NUMBER	STATION	OFFSET FT	5-FT		6-FT		8-FT		10-FT		DIAMETER		2x2.5-FT		INLET	COVERS	INLET	STR DEPTH FT	
					DIAMETER	EACH	DIAMETER	EACH	DIAMETER	EACH	DIAMETER	EACH	DIAMETER	EACH	DIAMETER	EACH					DIAMETER
WZ1540	RT	982+75	3.24																		
WZ1541	RT	984+76	3.19																		
WZ1543	RT	988+77	3.10																		
WZ1544	RT	993+22	3.05																		
WZ1544A	RT	996+25	3.01																		
WZ1545	RT	997+25	3.00																		
WZ1546	RT	999+74	3.00																		
WZ1547	RT	1002+15	3.00																		
WZ1549	RT	1007+75	3.00																		
WZ1550	RT	1010+74	2.00																		
WZ1553	RT	1017+74	2.00																		
WZ1556	RT	1018+73	2.00																		
WZ1557	RT	1019+73	2.00																		
WZ1559	RT	1023+74	2.00																		
WZ1589	RT	1093+67	3.00																		
WZ1592	RT	1097+72	3.00																		
WZ1593	RT	1100+70	3.00																		
WZ1595	RT	1104+25	3.00																		
WZ1596	RT	1107+70	3.00																		
WZ1598	RT	1111+73	3.00																		
WZ1601	RT	1121+69	3.00																		
WZ1602	RT	1124+70	3.00																		
WZ1605	RT	1127+69	3.00																		
TOTAL																					

Addendum No. 02
 ID 1035-04-71
 Added Sheet 230A
 February 9, 2018

- NOTES
- 1) STATIONS ARE TO THE CENTER OF STRUCTURES OR TO THE APRON END OF ENDWALLS.
 - 2) OFFSETS ARE 2' FROM THE PROPOSED FLOW LINE FOR STRUCTURES IN THE ROADWAY WITH INLET GRATES, AND TO THE CENTER OF COVER FOR FIELD INLETS AND MANHOLES WITH SOLID LIDS.
 - 3) MANHOLES WITH A DIAMETER GREATER THAN 6-FT AND DEPTHS GREATER THAN 5-FT WILL REQUIRE THE INLET COVER TO BE OFFSET FROM THE STRUCTURE TO ACCESS STEPS
 - 4) PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES AND TO THE END OF PIPE AT APRON ENDWALLS (NOT INCLUDING LENGTH OF ENDWALL)
 - 5) RIMELEVATIONS ARE GIVEN AT 2' FROM THE PROPOSED FLOW LINE FOR STRUCTURES IN THE ROADWAY WITH INLET GRATES, AND TO THE CENTER OF COVER FOR FIELD INLETS AND MANHOLES WITH SOLID LIDS.
 - 6) STRUCTURE DEPTH = RIMELEVATION - INVERT - CASTING HEIGHT - ADJUSTMENT
 - 7) CASTING HEIGHT = 0.75 FT FOR J COVERS; 0.5 FT FOR HM COVERS; 0.83 FT FOR TYPE V; 0 FT FOR TYPE MS COVERS
 - 8) ADJUSTMENT (RINGS) = 0.33 FT FOR B, V, J, HM AND S COVERS; 0 FT FOR TYPE MS COVERS
 - 9) FLAT TOP SLAB WITH CENTERED 21" X 24" RECTANGULAR OPENING REQUIRED ON ALL MANHOLES WITH TYPE BW INLET COVERS
 - 10) FLAT TOP SLAB WITH CENTERED 21" X 24" RECTANGULAR OPENING REQUIRED ON INLETS 3-FT AND 4-FT DIAMETER WITH TYPE BW INLET COVERS
 - 11) REMOVAL OF SEALING PIPE (BRICK, BLOCK, MORTAR, PLASTER) TO BE INCIDENTAL TO STORM SEWER INSTALLATION
 - 12) STRUCTURE DEPTH AT RETAINING WALLS = RIMELEVATION - INVERT - 1.69 FT FOR LEVELING SLAB

PROJECT NO: 1035-04-71	HWY: IH 41	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET 230A	E
FILE NAME: Z:\Racine\06 Roadway\MOVZ Prep_142-G	PLOT BY: _____	ORG DATE: _____	ORG INSTRUCTOR: .DIST	PLOT SCALE: 1:1	

STORM SEWER PIPES

204.0280 *SPV.0060.092

522.2629

608.2329

608.0424

608.2334

608.0442

STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS IV 24-INCH 42-INCH 29x45-INCH 34x53-INCH 29x45-INCH APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 34x53-INCH

RECONNECT STORM SEWER

SEALING PIPES EACH

SEALING PIPES EACH

SEALING PIPES EACH

SEALING PIPES EACH

SEALING PIPES EACH

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Addendum No. 02
ID 1035-04-71
Added Sheet 231A
February 9, 2018

- NOTES
- STATIONS ARE TO THE CENTER OF STRUCTURES OR TO THE APRON END OF ENDWALLS. OFFSETS ARE 2' FROM THE PROPOSED FLOW LINE FOR STRUCTURES IN THE ROADWAY WITH INLET GRATES, AND TO THE CENTER OF COVER FOR FIELD INLETS AND MANHOLES WITH SOLID LIDS. MANHOLES WITH A DIAMETER GREATER THAN 6-FT AND DEPTHS GREATER THAN 5-FT WILL REQUIRE THE INLET COVER TO BE OFFSET FROM THE STRUCTURE TO ACCESS STEPS
 - PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES AND TO THE END OF PIPE AT APRON ENDWALLS (NOT INCLUDING LENGTH OF ENDWALL)
 - RIME ELEVATIONS ARE GIVEN AT 2' FROM THE PROPOSED FLOW LINE FOR STRUCTURES IN THE ROADWAY WITH INLET GRATES, AND TO THE CENTER OF COVER FOR FIELD INLETS AND MANHOLES WITH SOLID LIDS
 - STRUCTURE DEPTH = RIM ELEVATION - INVERT - CASTING HEIGHT - ADJUSTMENT
CASTING HEIGHT = 0.75 FT FOR J COVERS; 0.5 FT FOR HM COVERS; 0.83 FT FOR TYPE V; 0 FT FOR TYPE MS COVERS
ADJUSTMENT (RINGS) = 0.33 FT FOR B, V, J, HM AND S COVERS; 0 FT FOR TYPE MS COVERS
 - FLAT TOP SLAB WITH CENTERED 21" X 24" RECTANGULAR OPENING REQUIRED ON ALL MANHOLES WITH TYPE BW INLET COVERS
 - FLAT TOP SLAB WITH CENTERED 21" X 24" RECTANGULAR OPENING REQUIRED ON INLETS 3-FT AND 4-FT DIAMETER WITH TYPE BW INLET COVERS
 - REMOVAL OF SEALING PIPE (BRICK, BLOCK, MORTAR, PLASTER) TO BE INCIDENTAL TO STORM SEWER INSTALLATION
 - STRUCTURE DEPTH AT RETAINING WALLS = RIME ELEVATION - INVERT - 1.69 FT FOR LEVELING SLAB

Addendum No. 02
ID 1035-04-71
Added Sheet 231B
February 9, 2018

STORM SEWER ITEMS

CATEGORY	STRUCTURE NUMBER	STATION	OFFSET FT	DIA.	4-FT INLETS	COVERS	RIM OR FLANGE ELEV	FROM STR	TO STR	REINFORCED CONCRETE CLASS IV	STORM SEWER	RECONNECT	NOTES
1000	WZ1610	1027+90	3	RT	1	1	747.090	WZ1610	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1611	1033+75	3	RT	1	1	754.850	WZ1611	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1612	1036+74	3	RT	1	1	760.230	WZ1612	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1613	1040+94	3	RT	1	1	769.250	WZ1613	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1614	1043+73	3	RT	1	1	775.330	WZ1614	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1615	1047+75	3	RT	1	1	783.750	WZ1615	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1616	1051+71	3	RT	1	1	792.090	WZ1616	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1617	1061+72	3	RT	1	1	786.910	WZ1617	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1618	1065+78	3	RT	1	1	776.950	WZ1618	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1619	1070+69	3	RT	1	1	766.060	WZ1619	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1620	1073+95	3	RT	1	1	762.400	WZ1620	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1621	1074+70	3	RT	1	1	762.280	WZ1621	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1622	1076+70	3	RT	1	1	762.730	WZ1622	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1623	1079+69	3	RT	1	1	764.480	WZ1623	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1624	1083+15	3	RT	1	1	766.630	WZ1624	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1625	1086+70	3	RT	1	1	768.850	WZ1625	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	WZ1626	1090+72	3	RT	1	1	771.360	WZ1626	EXIST	6	1	1	TEMPORARY DRAINAGE; CONNECT TO EXISTING INLET
	TOTAL				17	17				102	17	17	

STORM SEWER NOTES

- 1) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS. APRON ENDWALLS SHALL BE TIED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST
- 2) STATIONS ARE TO THE CENTER OF STRUCTURES OR TO THE APRON END OF ENDWALLS. OFFSETS ARE TO THE FLANGE LINE FOR STRUCTURES IN THE ROADWAY WITH INLET GRATES, AND TO THE CENTER OF STRUCTURE FOR FIELD INLETS AND MANHOLES WITH SOLID LIDS.
- 3) PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES AND TO THE END OF PIPE AT APRON END WALLS (DOES NOT INCLUDE AEW LENGTH)
- 4) RIMELEVATIONS ARE GIVEN AT THE FLANGE LINE FOR INLET GRATES OR THE CENTER OF THE MANHOLE COVER FOR MANHOLES
- 5) STRUCTURE DEPTH = RIM ELEVATION - INVERT - CASTING HEIGHT - ADJUSTMENT
CASTING HEIGHT = 0.75 FT FOR J COVERS; 0.5 FT FOR HM AND S COVERS; 0.83 FT FOR TYPE V; 0.67 FT FOR TYPE B; 0 FT FOR TYPE MS COVERS
ADJUSTMENT (RINGS) = 0.33 FT FOR B, V, J, HM AND S COVERS; 0 FT FOR TYPE MS COVERS
- 6) FLAT TOP SLAB WITH CENTERED 21" X 24" RECTANGULAR OPENING REQUIRED ON ALL MANHOLES WITH TYPE V INLET COVERS
- 7) FLAT TOP SLAB WITH CENTERED 21" X 24" RECTANGULAR OPENING REQUIRED ON TYPE 3 INLETS WITH TYPE V INLET COVERS
- 8) REMOVAL OF SEALING PIPE (BRICK, BLOCK, MORTAR, PLASTER) TO BE INCIDENTAL TO STORM SEWER INSTALLATION
- 9) ONSTRUCT MH 189 TO EXISTING GROUND ELEVATION IN ST. 3A (APPROX. 779.8); RECONSTRUCT TO FINAL ELEVATION IN ST. 3C; FLANGE ELEVATION IN TABLE IS FINAL ELEVATION

* - ADDITIONAL QUANTITIES SHOWN ELSEWHERE

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ADJUSTING INLET COVERS

CATEGORY	LOCATION	STATION	TO STATION	EACH
611.8115				ADJUSTING INLET COVERS
1000	IH 41, STH 142 TO CTH G	486+00	1137+00	18
TOTAL				18

FENCING ITEMS

CATEGORY	LOCATION	STATION	TO STATION	LF
616.0700.S				FENCE SAFETY
1000	STH 142 TO CTH E	486+00	525+00	100
	CTH E INTERCHANGE MAINLINE	525+00	582+00	100
	CTH E TO CTH KR	582+00	632+50	100
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	100
	CTH KR TO STH 11	683+50	730+00	100
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	100
	STH 11 TO STH 20	783+00	829+00	100
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	100
	STH 20 TO CTH K (SOUTH)	895+00	968+00	100
	STH 20 TO CTH K (NORTH)	968+00	1024+00	100
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	100
	CTH K TO CTH G	1093+00	1137+00	100
TOTAL				1,200

MAINTENANCE AND REPAIR OF HAUL ROADS 1035-04-71

CATEGORY	LOCATION	STATION	TO STATION	EACH
618.0100.043				MAINTENANCE AND REPAIR OF HAUL ROADS (1035-04-71)
1000	IH 41, STH 142 TO CTH G	486+00	1137+00	1
TOTAL				1

MOBILIZATION

CATEGORY	LOCATION	STATION	TO STATION	EACH
619.1000				MOBILIZATION
1000	IH 41, STH 142 TO CTH G	486+00	1137+00	1
TOTAL				1

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MISCELLANEOUS QUANTITIES

SHEET 232

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DUST CONTROL SURFACE TREATMENT

CATEGORY	LOCATION	STATION	TO STATION	SY	623.0200 DUST CONTROL SURFACE TREATMENT
1000	IH 41, STH 142 TO CTH G	486+00	1137+00	47,443	
TOTAL					47,443

WATER ITEMS

CATEGORY	LOCATION	STATION	TO STATION	624.0100 WATER	
1000	IH 41, STH 142 TO CTH G	486+00	1137+00	578	
TOTAL					578

RESTORATION ITEMS

CATEGORY	LOCATION	STATION	TO STATION	TOPSOIL SY	MULCHING SY	FERTILIZER TYPE B CWT	SEEDING MIXTURE NO. 20 LB	SEEDING TEMPORARY LB
1000	STH 142 TO CTH E	486+00	525+00	733	--	1.4	19	19
	CTH E INTERCHANGE MAINLINE	525+00	582+00	243	--	0.7	7	7
	CTH E TO CTH KR	582+00	632+50	--	--	--	--	--
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	627	--	0.5	6	21
	CTH KR TO STH 11	683+50	730+00	9	--	--	--	1
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	901	--	0.7	8	29
	STH 11 TO STH 20	783+00	829+00	--	--	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	1,490	--	1.1	48	48
	STH 20 TO CTH K (SOUTH)	895+00	968+00	2,530	--	1.8	20	75
	STH 20 TO CTH K (NORTH)	968+00	1024+00	--	--	--	--	--
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	2,130	--	1.2	62	62
	CTH K TO CTH G	1093+00	1137+00	--	--	--	--	--
UNDISTRIBUTED				2,166	2,000	1.9	43	66
TOTALS				10,829	2,000	9.3	213	328

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HWY: IH 41

COUNTY: RACINE

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EROSION CONTROL ITEMS

CATEGORY LOCATION	606.0200		628.1104		628.1504		628.1520		628.1905		628.1910		628.2004		628.2008		628.7504		628.7555		628.7570		645.0120		SPV0090.084		
	STATION TO STATION	CY	EROSION BALES	SILT FENCE	LF	SILT FENCE MAINT	LF	EROSION CONTROL	LF	EROSION CONTROL	EROSION EMERGENCY MOBILIZATIONS	EACH	EROSION CONTROL	SY	EROSION MAT CLASS I TYPE B	EROSION MAT CLASS I TYPE B	SY	TEMPORARY DITCH CHECKS	LF	CULVERT PIPE CHECKS	EACH	ROCK BAGS	EACH	GEOTEXTILE FABRIC	SY	SILT FENCE	HEAVY DUTY
1000 STH 142 TO CTH E	486+00	--	--	437	--	--	--	--	--	733	--	--	--	--	50	--	--	--	--	--	--	--	--	--	--	1,250	
CTH E INTERCHANGE MAINLINE	525+00	--	--	437	--	437	--	--	--	478	--	--	--	6	50	--	--	6	50	6	--	--	--	--	--	1,418	
CTH E TO CTH KR	582+00	--	--	560	--	560	--	--	--	--	--	--	--	770	38	--	--	38	38	--	17	--	--	--	--	270	
CTH KR INTERCHANGE MAINLINE	632+50	--	--	730+00	--	730+00	--	--	--	910	--	--	--	910	100	--	--	100	100	--	34	--	--	--	--	270	
CTH KR TO STH 11	683+50	--	--	829+00	--	829+00	--	--	--	1,490	--	--	--	1,490	210	--	--	210	210	--	60	120	26	--	--	870	
STH 11 INTERCHANGE MAINLINE	730+00	--	--	895+00	--	895+00	--	--	--	2,530	--	--	--	2,530	210	--	--	210	210	--	60	120	26	--	--	1,100	
STH 11 TO STH 20	783+00	--	--	968+00	--	968+00	--	--	--	1,200	--	--	--	1,200	80	--	--	80	80	--	3	50	--	--	--	1,100	
STH 20 INTERCHANGE MAINLINE	829+00	--	--	1024+00	--	1024+00	--	--	--	1,275	--	--	--	1,275	120	--	--	120	120	--	24	75	7	--	--	1,295	
STH 20 TO CTH K (SOUTH)	895+00	--	--	1093+00	--	1093+00	--	--	--	8,825	22	22	22	8,825	5,726	--	--	5,726	5,726	--	119	296	33	--	--	6,473	
STH 20 TO CTH K (NORTH)	968+00	8	--	1137+00	--	1137+00	--	--	--	8,825	22	22	22	8,825	5,726	--	--	5,726	5,726	--	119	296	33	--	--	6,473	
CTH K INTERCHANGE MAINLINE	1024+00	--	--	UNDISTRIBUTED	--	UNDISTRIBUTED	--	--	--	8,825	22	22	22	8,825	5,726	--	--	5,726	5,726	--	119	296	33	--	--	6,473	
CTH K TO CTH G	1093+00	2	50	249	249	249	22	22	22	8,825	22	22	22	8,825	5,726	--	--	5,726	5,726	--	119	296	33	--	--	6,473	
UNDISTRIBUTED	1137+00	2	50	249	249	249	22	22	22	8,825	22	22	22	8,825	5,726	--	--	5,726	5,726	--	119	296	33	--	--	6,473	
TOTALS		10	50	1,246	1,246	1,246	22	22	22	8,825	22	22	22	8,825	5,726	--	--	5,726	5,726	--	119	296	33	--	--	6,473	

INLET PROTECTION

CATEGORY LOCATION	628.7005		628.7010		628.7015		628.7020	
	STATION TO STATION	INLET PROTECTION TYPE A	INLET PROTECTION TYPE B	INLET PROTECTION TYPE C	INLET PROTECTION TYPE D	INLET PROTECTION TYPE E	INLET PROTECTION TYPE F	INLET PROTECTION TYPE G
1000 STH 142 TO CTH E	486+00	--	--	--	--	--	--	--
CTH E INTERCHANGE MAINLINE	525+00	2	15	--	--	--	--	--
CTH E TO CTH KR	582+00	--	--	--	16	--	--	--
CTH KR INTERCHANGE MAINLINE	632+50	--	--	--	14	--	--	--
CTH KR TO STH 11	683+50	--	--	--	10	--	--	--
STH 11 INTERCHANGE MAINLINE	730+00	--	--	--	11	--	--	--
STH 11 TO STH 20	783+00	--	--	--	15	--	--	--
STH 20 INTERCHANGE MAINLINE	829+00	--	--	--	--	--	--	--
STH 20 TO CTH K (SOUTH)	895+00	8	--	--	20	--	--	--
STH 20 TO CTH K (NORTH)	968+00	1	3	1	36	--	--	--
CTH K INTERCHANGE MAINLINE	1024+00	1	5	--	16	--	--	--
CTH K TO CTH G	1093+00	4	3	--	13	--	--	--
UNDISTRIBUTED	1137+00	4	7	1	38	--	--	--
TOTALS		20	33	2	189	--	--	--

TRACKING PADS

CATEGORY	LOCATION	STATION TO STATION	TRACKING PADS EACH
1000	IH 41, STH 142 TO CTH G	486+00	12
TOTAL		1137+00	12

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MISCELLANEOUS QUANTITIES

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CATEGORY	LOCATION	STATION TO	STATION	634.0614		637.2210		638.2102		638.2601		638.2602		638.3000		638.3000		
				POSTS	WOOD	POSTS	WOOD	MOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING
				4X6-INCH	X14-FEET	4X6-INCH	X18-FEET	TYPE II	REFLECTIVE H	SF	TYPE II	TYPE I	TYPE II	SMALL SIGN	SUPPORTS	SIGN SUPPORT	SIGN SUPPORT	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
1000	STH 142 TO CTH E	486+00	525+00	3	3	3	2	2	2	2	2	2	2	2	2	2	2	
	CTH E INTERCHANGE MAINLINE	525+00	582+00	6	6	8	1	1	1	1	1	1	1	1	1	1	1	
	CTH E TO CTH KR	582+00	632+50	5	5	5	2	2	2	2	2	2	2	2	2	2	2	
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	2	2	4	2	2	2	2	2	2	2	2	2	2	2	
	CTH KR TO STH 11	683+50	730+00	5	5	5	2	2	2	2	2	2	2	2	2	2	2	
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	3	3	5	2	2	2	2	2	2	2	2	2	2	2	
	STH 11 TO STH 20	783+00	829+00	4	4	4	2	2	2	2	2	2	2	2	2	2	2	
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	8	8	14	4	4	4	4	4	4	4	4	4	4	4	
	STH 20 TO CTH K (SOUTH)	895+00	968+00	5	5	7	2	2	2	2	2	2	2	2	2	2	2	
	STH 20 TO CTH K (NORTH)	968+00	1024+00	6	6	7	1	1	1	1	1	1	1	1	1	1	1	
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	4	4	6	2	2	2	2	2	2	2	2	2	2	2	
	CTH K TO CTH G	1093+00	1137+00	2	2	4	2	2	2	2	2	2	2	2	2	2	2	
	UNDISTRIBUTED			10	10	10	10	10	10	10	10	10	10	10	10	10	10	
TOTALS				59	59	82	45	45	45	45	12	12	10	10	18	18	16	16

SIGNING ITEMS

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FILE NAME : Z:\Racine\06 Roadway\MQWZ Prep_142.G	PLOT BY :	PLOT NAME :	ORG DATE :	ORIGINATOR : DIST	PLOT SCALE : 1:1

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TRAFFIC CONTROL

643.5000		TRAFFIC CONTROL	
CATEGORY	LOCATION	STATION TO STATION	EACH
1000	IH 41, STH 142 TO CTH G	486+00 1137+00	1
TOTAL			1

PAVEMENT MARKING REMOVAL ITEMS

CATEGORY	LOCATION	STATION TO STATION	STAGE	646.9000 MARKING REMOVAL LINE 4-INCH		646.9100 MARKING REMOVAL LINE 8-INCH		646.9110 MARKING REMOVAL LINE WATER BLASTING 8-INCH		646.9200 MARKING REMOVAL WIDE		646.9210 MARKING REMOVAL LINE WATER BLASTING WIDE		646.9300 MARKING REMOVAL SPECIAL MARKING		646.9310 MARKING REMOVAL SPECIAL MARKING WATER BLASTING		
				LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
1000	STH 142 TO CTH E	486+00 525+00	STAGE 1A	5.800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH E INTERCHANGE MAINLINE	525+00 582+00	STAGE 1A	5.875	--	1,950	--	--	--	--	--	--	--	--	--	--	--	--
	CTH E TO CTH KR	582+00 632+50	STAGE 1A	6.313	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH KR INTERCHANGE MAINLINE	632+50 683+50	STAGE 1A	6.075	--	2,600	--	--	--	--	--	--	--	--	--	--	--	--
	CTH KR TO STH 11	683+50 730+00	STAGE 1A	5.813	--	1,800	--	--	--	--	--	--	--	--	--	--	--	--
	STH 11 INTERCHANGE MAINLINE	730+00 783+00	STAGE 1A	5.675	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 11 TO STH 20	783+00 829+00	STAGE 1A	5.750	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00 895+00	STAGE 1A	--	7,600	--	2,350	--	--	--	--	400	--	--	--	--	--	--
	STH 20 TO CTH K (SOUTH)	895+00 968+00	STAGE 1A	15.625	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 20 TO CTH K (NORTH)	968+00 1024+00	STAGE 1A	8.250	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH K INTERCHANGE MAINLINE	1024+00 1093+00	STAGE 1A	7.775	--	1,750	--	--	--	--	--	--	--	--	--	--	--	--
	CTH K TO CTH G	1093+00 1137+00	STAGE 1A	8.225	3,425	900	1,350	--	--	--	--	3,000	--	--	--	--	--	--
	STAGE 1A SUBTOTALS			81,176	11,025	9,000	3,700	3,700	0	0	3,400	0	0	0	0	0	0	0
1000	STH 142 TO CTH E	486+00 525+00	STAGE 1B	4.852	746	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH E INTERCHANGE MAINLINE	525+00 582+00	STAGE 1B	7.091	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH E TO CTH KR	582+00 632+50	STAGE 1B	6.282	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH KR INTERCHANGE MAINLINE	632+50 683+50	STAGE 1B	6.344	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH KR TO STH 11	683+50 730+00	STAGE 1B	5.785	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 11 INTERCHANGE MAINLINE	730+00 783+00	STAGE 1B	6.593	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 11 TO STH 20	783+00 829+00	STAGE 1B	5.722	0	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00 895+00	STAGE 1B	--	3,882	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 20 TO CTH K (SOUTH)	895+00 968+00	STAGE 1B	9.125	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 20 TO CTH K (NORTH)	968+00 1024+00	STAGE 1B	7.000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH K INTERCHANGE MAINLINE	1024+00 1093+00	STAGE 1B	8.625	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH K TO CTH G	1093+00 1137+00	STAGE 1B	5.500	3,250	--	--	--	--	--	--	--	--	--	--	--	--	--
	STAGE 1B SUBTOTALS			72,919	7,878	0	0	0	0	0	0	0	0	0	0	0	0	0
	UNDISTRIBUTED			154,095	18,903	9,000	3,700	3,700	500	500	3,400	2	2	4	4	4	4	4
	TOTALS			154,095	18,903	9,000	3,700	3,700	500	500	3,400	2	2	4	4	4	4	4

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FILE NAME: Z:\Racine\06 Roadway\MDWZ Prep_142-G PLOT NAME: _____ PLOT SCALE: 1:1

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PAVEMENT MARKING ITEMS

CATEGORY LOCATION	STATION TO STATION		STAGE	646.1020		646.3020		646.5020		646.5020		649.0105		649.0150		649.0205		649.0250		649.0505		649.0760	
	MARKING LINE EPOXY 4-INCH YELLOW WHITE	LF		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
1000	STH 142 TO CTH E	486+00	525+00	STAGE 1A	--	--	--	--	4,701	--	--	--	--	--	--	56	--	--	--	--	--	--	--
	CTH E INTERCHANGE MAINLINE	525+00	582+00	STAGE 1A	--	--	--	--	5,115	--	--	--	3,307	--	--	3,307	--	2	--	--	--	--	--
	CTH E TO CTH KR	582+00	632+50	STAGE 1A	--	--	--	--	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	STAGE 1A	--	--	--	--	95	4,731	--	--	1,650	--	--	1,650	--	2	--	--	--	--	--
	CTH KR TO STH 11	683+50	730+00	STAGE 1A	--	--	--	--	4,648	--	--	--	2,036	--	--	2,036	--	2	--	--	--	--	--
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	STAGE 1A	--	--	--	--	4,328	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 11 TO STH 20	783+00	829+00	STAGE 1A	--	--	--	--	4,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	STAGE 1A	--	--	--	--	5,975	--	--	--	3,960	--	--	3,960	--	2	--	--	--	--	--
	STH 20 TO CTH K (SOUTH)	895+00	968+00	STAGE 1A	--	--	--	--	12,491	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	STH 20 TO CTH K (NORTH)	968+00	1024+00	STAGE 1A	--	--	--	--	6,602	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	STAGE 1A	--	--	--	--	6,054	--	--	--	1,661	--	--	1,661	--	2	--	--	--	--	--
	CTH K TO CTH G	1093+00	1137+00	STAGE 1A	--	--	--	--	9,137	--	--	--	4,354	--	--	4,354	--	4	--	--	--	--	--
	STAGE 1A SUBTOTALS				0	0	0	0	95	73,382	0	0	17,023	0	0	17,023	0	14	0	0	14	0	0
1000	STH 142 TO CTH E	486+00	525+00	STAGE 1B	--	4,626	--	--	8,142	3,484	610	1,151	--	--	--	--	--	--	--	--	--	--	36
	CTH E INTERCHANGE MAINLINE	525+00	582+00	STAGE 1B	224	7,350	1,643	--	10,200	5,625	--	--	10,200	5,625	--	--	--	--	--	--	--	2	--
	CTH E TO CTH KR	582+00	632+50	STAGE 1B	--	6,250	--	--	10,050	6,313	--	--	10,050	6,313	--	--	--	--	--	--	--	--	--
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	STAGE 1B	307	5,459	1,481	--	10,250	6,375	--	--	10,250	6,375	--	--	--	--	--	--	--	2	--
	CTH KR TO STH 11	683+50	730+00	STAGE 1B	--	5,808	--	--	9,298	5,813	--	--	9,298	5,813	--	--	--	--	--	--	--	--	--
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	STAGE 1B	--	6,509	1,366	--	10,603	6,625	--	--	10,603	6,625	--	--	--	--	--	--	--	2	--
	STH 11 TO STH 20	783+00	829+00	STAGE 1B	--	5,750	--	--	8,500	4,875	--	--	8,500	4,875	--	--	--	--	--	--	--	--	--
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	STAGE 1B	--	7,527	3,359	4	8,300	4,250	1,699	2,497	8,300	4,250	1,699	2,497	410	--	--	--	--	2	93
	STH 20 TO CTH K (SOUTH)	895+00	968+00	STAGE 1B	--	8,125	--	--	23,280	20,844	1,620	3,240	23,280	20,844	1,620	3,240	--	--	--	--	--	--	98
	STH 20 TO CTH K (NORTH)	968+00	1024+00	STAGE 1B	210	7,283	1,292	--	16,119	7,375	680	1,360	16,119	7,375	680	1,360	--	--	--	--	--	2	42
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	STAGE 1B	193	6,810	1,302	--	24,600	13,500	--	--	24,600	13,500	--	--	--	--	--	--	--	2	--
	CTH K TO CTH G	1093+00	1137+00	STAGE 1B	934	78,499	10,443	4	164,783	85,079	5,209	9,448	164,783	85,079	5,209	9,448	0	410	0	410	0	12	306
	STAGE 1B SUBTOTALS				79,433	10,443	4	1	249,862	14,657	14,657	0	410	0	410	0	410	0	410	0	12	306	306
	UNDISTRIBUTED				40,000	10,000	4,000																
	TOTALS				129,433	14,443	4	1	323,339	14,657	14,657	0	410	0	410	0	410	0	410	0	14	12	306

PROJECT NO: 1035-04-71	HWY: IH 41	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET 239	E
FILE NAME : Z:\Racine\06 Roadway\MO\WZ Prep_142.G	PLOT BY :	PLOT NAME :	ORG DATE :	ORIGINATOR : DIST	PLOT SCALE : 1:1

3

FTMS ITEMS

CATEGORY LOCATION	STATION TO STATION	PULL BOXES EACH	REMOVE CABLE LF
1300	STH 142 TO CTH E	--	--
	CTH E INTERCHANGE MAINLINE	2	610
	CTH E TO CTH KR	--	--
	CTH KR INTERCHANGE MAINLINE	--	--
	CTH KR TO STH 11	--	--
	CTH 11 INTERCHANGE MAINLINE	--	--
	CTH 11 TO STH 20	--	--
	CTH 20 INTERCHANGE MAINLINE	--	--
	CTH 20 TO CTH K (SOUTH)	1	--
	CTH 20 TO CTH K (NORTH)	1	--
	CTH K INTERCHANGE MAINLINE	--	--
	CTH K TO CTH G	1	--
TOTALS		5	610

BACKFILL SLURRY

CATEGORY LOCATION	STATION TO STATION	SPV.0035.005* BACKFILL SLURRY CY
1000	STH 142 TO CTH E	--
	CTH E INTERCHANGE MAINLINE	--
	CTH E TO CTH KR	16
	CTH KR INTERCHANGE MAINLINE	7
	CTH KR TO STH 11	3
	CTH 11 INTERCHANGE MAINLINE	4
	CTH 11 TO STH 20	--
	CTH 20 INTERCHANGE MAINLINE	--
	CTH 20 TO CTH K (SOUTH)	17
	CTH 20 TO CTH K (NORTH)	17
	CTH K INTERCHANGE MAINLINE	--
	CTH K TO CTH G	10
TOTAL		74

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

SAW CUTTING ITEMS

CATEGORY LOCATION	STATION TO STATION	ASPHALT LF	CONCRETE LF	COMMENTS
1000	STH 142 TO CTH E	826	4,896	INCLUDES CROSS OVER QTYS
	CTH E INTERCHANGE MAINLINE	340	4,516	
	CTH E TO CTH KR	--	6,866	
	CTH KR INTERCHANGE MAINLINE	788	7,101	
	CTH KR TO STH 11	148	6,116	
	CTH 11 INTERCHANGE MAINLINE	816	6,884	
	CTH 11 TO STH 20	--	5,296	
	CTH 20 INTERCHANGE MAINLINE	362	4,322	
	CTH 20 TO CTH K (SOUTH)	--	16,454	
	CTH 20 TO CTH K (NORTH)	--	8,456	
	CTH K INTERCHANGE MAINLINE	--	7,180	
	CTH K TO CTH G	--	9,520	INCLUDES CROSS OVER QTYS
	UNDISTRIBUTED	1,000	--	
TOTALS		4,280	87,607	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CLEANING DECK DRAINS

CATEGORY LOCATION	STATION TO STATION	SPV.0060.021 CLEANING DECK DRAINS EACH
1000	IH 41, STH 142 TO CTH G	36
TOTALS		36

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ID 1035-04-71
Revised Sheet 240
February 9, 2018

SEWER ACCESS COVER ITEMS

CATEGORY LOCATION	STATION TO STATION	SPV.0060.052 FASTENING SEWER ACCESS COVERS EACH
1000	IH 41, STH 142 TO CTH G	82
TOTALS		82

PROJECT NO: 1035-04-71

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET 240

E

FIELD OFFICE

SPV.0060.020
FIELD OFFICE
LEFT IN PLACE
SPECIAL
EACH

CATEGORY	LOCATION	STATION TO	STATION	TO STATION	LS
1000	IH 41, STH 142 TO CTH G	486+00	1137+00		1
TOTAL					1

PAVEMENT CLEANUP

SPV.0075.090
PAVEMENT
CLEANUP PROJECT
1035-04-71
HR

CATEGORY	LOCATION	STATION TO	STATION	TO STATION	HR
1000	IH 41, STH 142 TO CTH G	486+00	1137+00		100
TOTAL					100

DRAIN SLOTTED VANE LONGITUDINAL

SPV.0090.052*
DRAIN
SLOTTED
VANE
LONGITUDINAL

CATEGORY	LOCATION	STATION	TO STATION	LF	COMMENTS
1000	STH 142 TO CTH E	486+00	525+00	675	INCLUDES CROSSOVER QTYS
	CTH E INTERCHANGE MAINLINE	525+00	582+00	298	
	CTH E TO CTH KR	582+00	632+50	24	
	CTH KR INTERCHANGE MAINLINE	632+50	683+50	24	
	CTH KR TO STH 11	683+50	730+00	--	
	STH 11 INTERCHANGE MAINLINE	730+00	783+00	24	
	STH 11 TO STH 20	783+00	829+00	24	
	STH 20 INTERCHANGE MAINLINE	829+00	895+00	1,190	
	STH 20 TO CTH K (SOUTH)	895+00	968+00	24	
	STH 20 TO CTH K (NORTH)	968+00	1024+00	24	
	CTH K INTERCHANGE MAINLINE	1024+00	1093+00	24	
	CTH K TO CTH G	1093+00	1137+00	1,770	INCLUDES CROSSOVER QTYS
TOTAL					4,101

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

BIRD DETERRENT SYSTEM

SPV.0105.005
BIRD
DETERRENT
SYSTEM

CATEGORY	LOCATION	STATION TO	STATION	TO STATION	LS
1000	IH 41, STH 142 TO CTH G	486+00	1137+00		1
TOTAL					1

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February 9, 2018

CONSTRUCTION STAKING

SPV.0105.089
SURVEY PROJECT
1035-04-71

CATEGORY	LOCATION	STATION TO	STATION	TO STATION	LS
1000	IH 41 (1035-04-71)				1
TOTAL					1

PROJECT NO: 1035-04-71

HWY: IH 41

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET 241

E

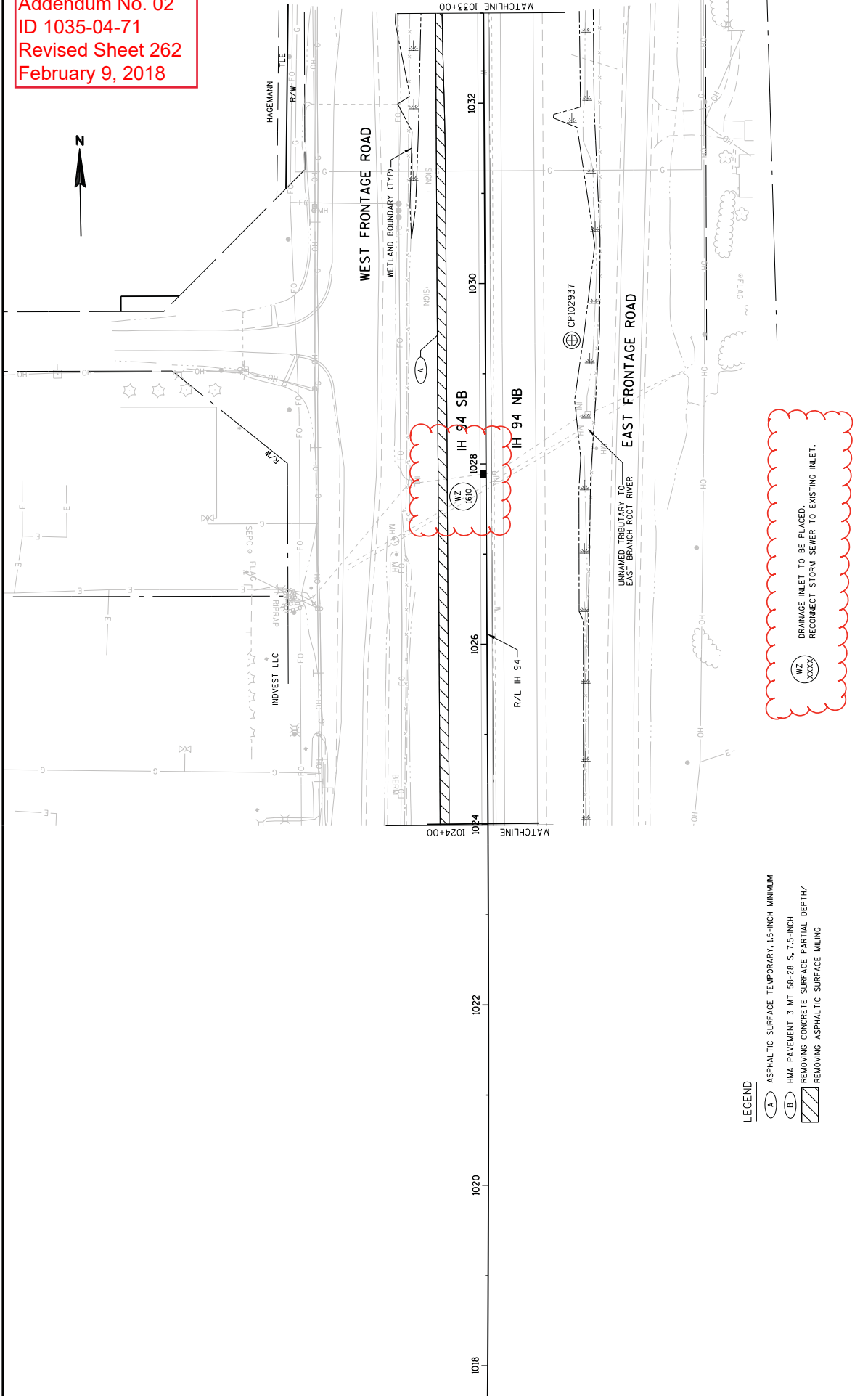
OVERHEAD SIGN SUPPORTS AND TYPE I SIGN-
MISC QUANTITIES

1035-04-71

LOCATION	OVERHEAD SIGN SUPPORT STRUCTURE S-30-262 L.S. 641.8'100.01	SIGNS TYPE I REFLECTIVE SH SF 637.1220
IH 94 NB AT 142 - TEMP OVERHEAD SIGN SUPPORT	1	
SIGN # 1 -		120
TOTAL	1	120

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ID 1035-04-71
Added Sheet 241A
February 9, 2018

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 ID 1035-04-71
 Revised Sheet 262
 February 9, 2018



LEGEND

- (A) ASPHALTIC SURFACE TEMPORARY, 1.5-INCH MINIMUM
- (B) HMA PAVEMENT 3 MT 58-28 S, 7.5-INCH
- REMOVING CONCRETE SURFACE PARTIAL DEPTH/
- REMOVING ASPHALTIC SURFACE MILLING

(WZ XXXX)
 DRAINAGE INLET TO BE PLACED.
 RECONNECT STORM SEWER TO EXISTING INLET.

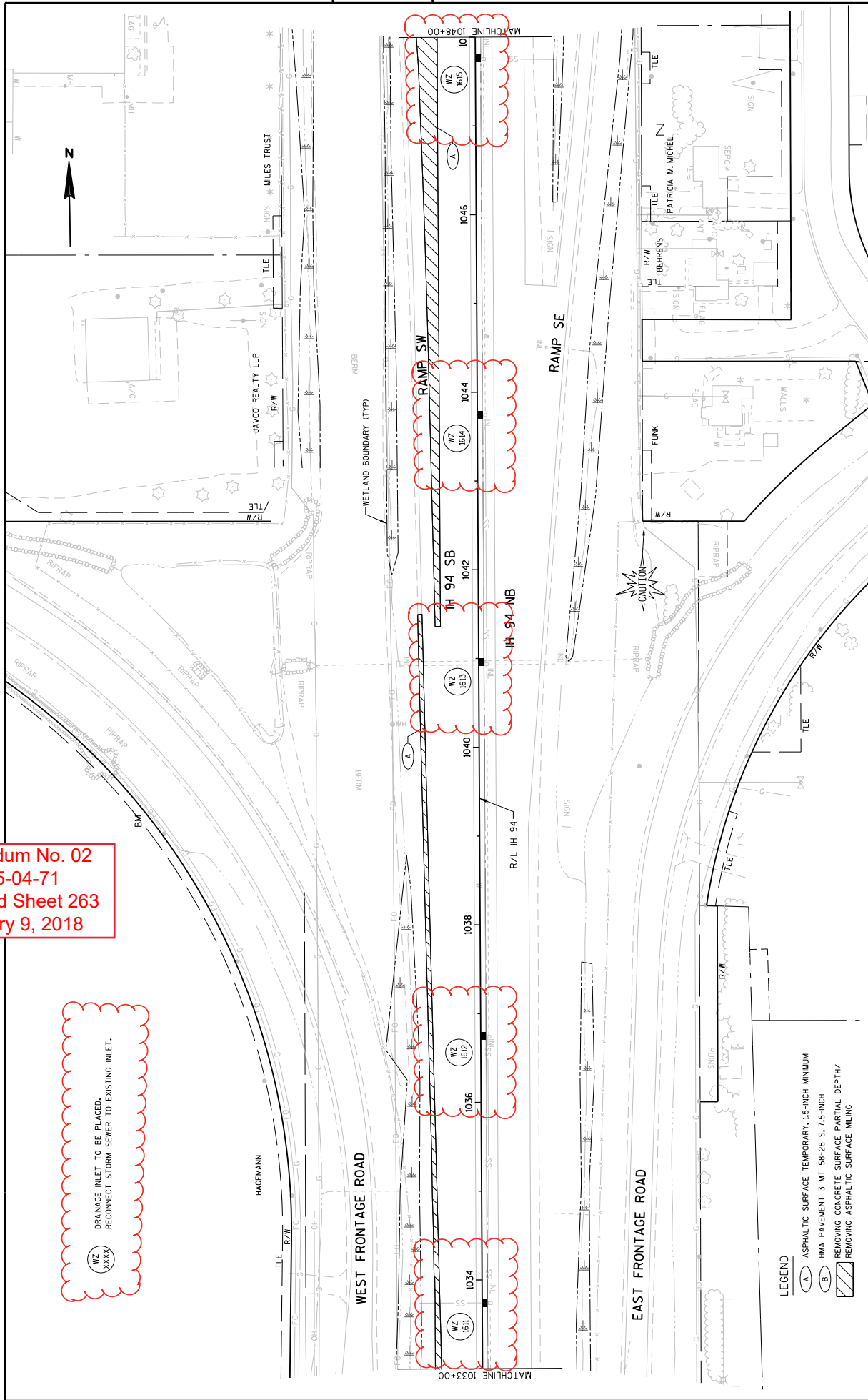
5

5

PROJECT NO: 1035-04-71	HWY: IH 41	COUNTY: RACINE	PLAN - IH 94	PLOT NAME : 050201.prn	SCALE, FEET 0 50 100	SHEET 262	E
FILE NAME : F:\NM1-1644D_CTH K\10301172_MRoads\cbs\050201.L.prn.dgn							
PLOT DATE : 08-FEB-2018 09:07							
PLOT BY : mgosik							
FLOT SCALE : 100:1							
WISDOT/CADDS SHEET 44							

Addendum No. 02
 ID 1035-04-71
 Revised Sheet 263
 February 9, 2018

(WZ
 XXX)
 DRAINAGE INLET TO BE PLACED,
 RECONNECT STORM SEWER TO EXISTING INLET.

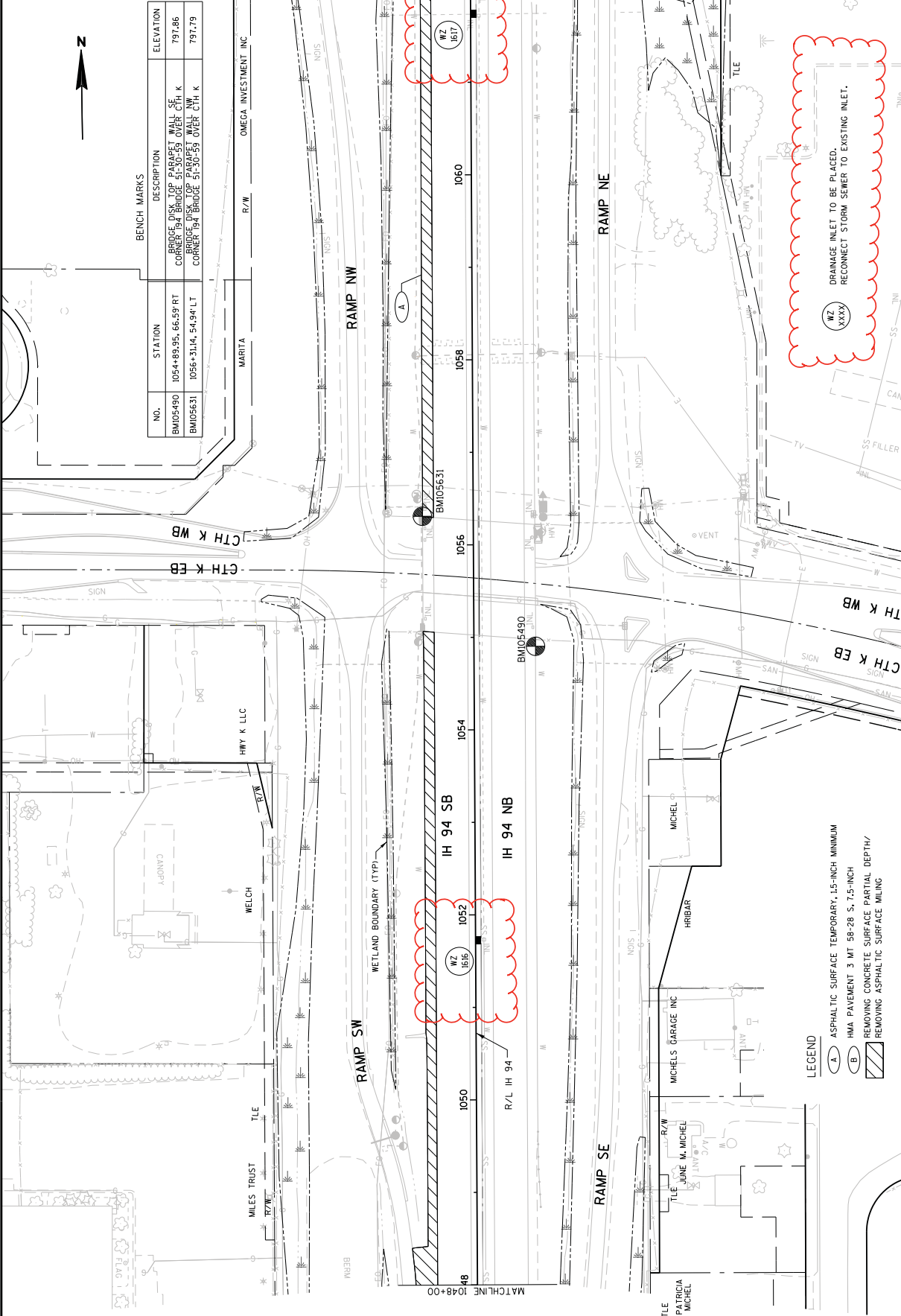


- LEGEND
- (A) ASPHALTIC SURFACE TEMPORARY, 1.5-INCH MINIMUM
 - (B) HMA PAVEMENT 3 MT 58-28 5, 7.5-INCH
 - (C) REMOVING CONCRETE SURFACE PARTIAL DEPTH/
 - (D) REMOVING ASPHALTIC SURFACE MILLING

PROJECT NO: 1035-04-71 HWY: IH 41 COUNTY: RACINE PLAN - IH 94 SCALE, FEET 0 50 100 SHEET 263

FILE NAME : F:\NM1-1644D_CTH K\10301172_MRoads\cbs\050202.dgn PLOT BY : hposik PLOT NAME : 050202.plt PLOT DATE : 08-FEB-2018 09:07 WISDOT/CADDS SHEET 44

Addendum No. 02
 ID 1035-04-71
 Revised Sheet 264
 February 9, 2018



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEVATION
BM05490	1054+89.95, 66.59 RT	BRIDGE, DISK TOP PARAPET WALL, SET CORNER TO TOP OF BRIDGE	797.86
BM05631	1056+31.14, 54.94 LT	BRIDGE, DISK TOP PARAPET WALL, SET CORNER TO TOP OF BRIDGE	797.79

WZ 1062
 DRAINAGE INLET TO BE PLACED. RECONNECT STORM SEWER TO EXISTING INLET.

- LEGEND
- (A) ASPHALTIC SURFACE TEMPORARY, 1.5-INCH MINIMUM
 - (B) HMA PAVEMENT 3 MT 58-28 5, 7.5-INCH
 - (C) REMOVING CONCRETE SURFACE PARTIAL DEPTH/
 - (D) REMOVING ASPHALTIC SURFACE MILLING

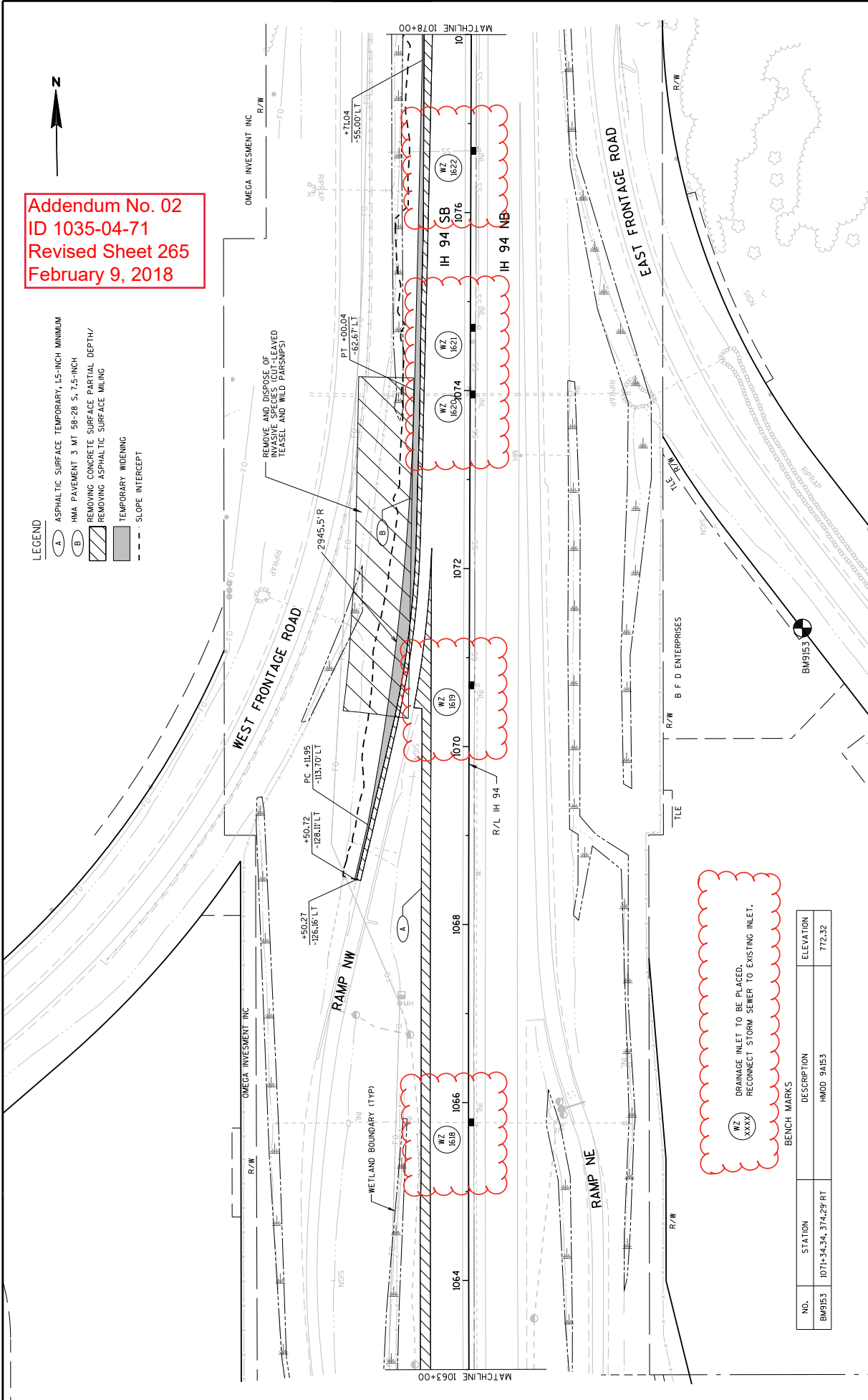
PROJECT NO: 1035-04-71
 COUNTY: RACINE
 HWY: IH 41
 PLAN - IH 94
 SCALE, FEET 0 50 100
 SHEET 264
 E

FILE NAME : F:\BMT-1644D_CTH K\10301172_MRoads\cbs\050203.pn.dgn
 PLOT DATE : 09-FEB-2018 09:07
 PLOT BY : hgossik
 PLOT NAME : 050203.pn
 FLOT SCALE : 100:1
 WISDOT/CADD SHEET 44

Addendum No. 02
 ID 1035-04-71
 Revised Sheet 265
 February 9, 2018

LEGEND

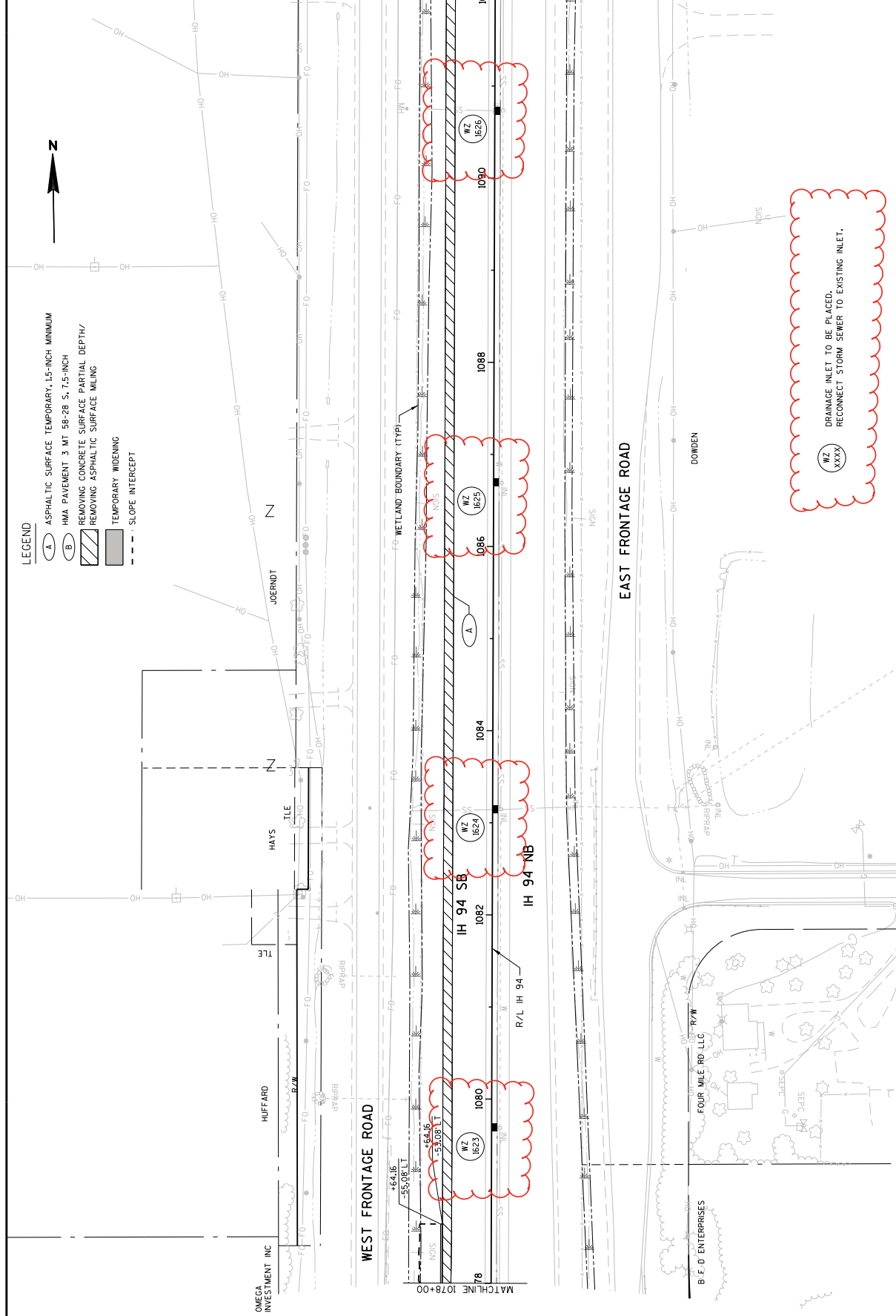
- (A) ASPHALTIC SURFACE TEMPORARY, 1.5-INCH MINIMUM
- (B) HMA PAVEMENT 3 MT 58-28 S. 7.5-INCH
- (C) REMOVING CONCRETE SURFACE PARTIAL DEPTH/
- (D) REMOVING ASPHALTIC SURFACE MILLING
- (E) TEMPORARY WIDENING
- (F) SLOPE INTERCEPT



(WZ XXXX)
 BENCH MARKS
 DRAINAGE INLET TO BE PLACED.
 RECONNECT STORM SEWER TO EXISTING INLET.

NO.	STATION	DESCRIPTION	ELEVATION
BM9153	1071+34.34, 174+29'RT	HM00 9A153	772.32

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 ID 1035-04-71
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 February 9, 2018



LEGEND

- (A) ASPHALTIC SURFACE TEMPORARY, 1.5-INCH MINIMUM
- (B) HMA PAVEMENT 3 MT 58-28 S, 7.5-INCH
- (Hatched) REMOVING CONCRETE SURFACE PARTIAL DEPTH/ REMOVING ASPHALTIC SURFACE MILLING
- (Grey) TEMPORARY WIDENING
- (---) SLOPE INTERCEPT

WZ
 XXXX
 DRAINAGE INLET TO BE PLACED.
 RECONNECT STORM SEWER TO EXISTING INLET.

5

5

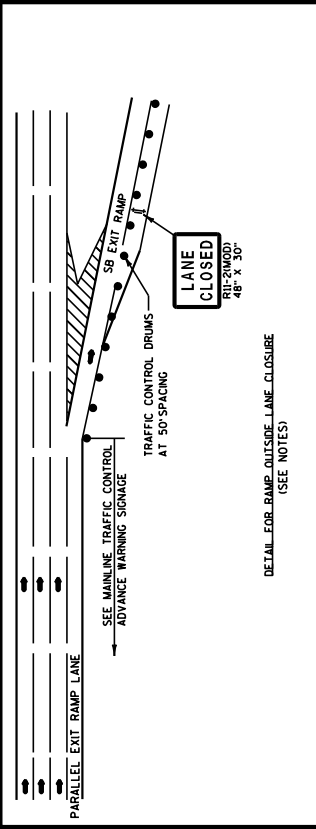
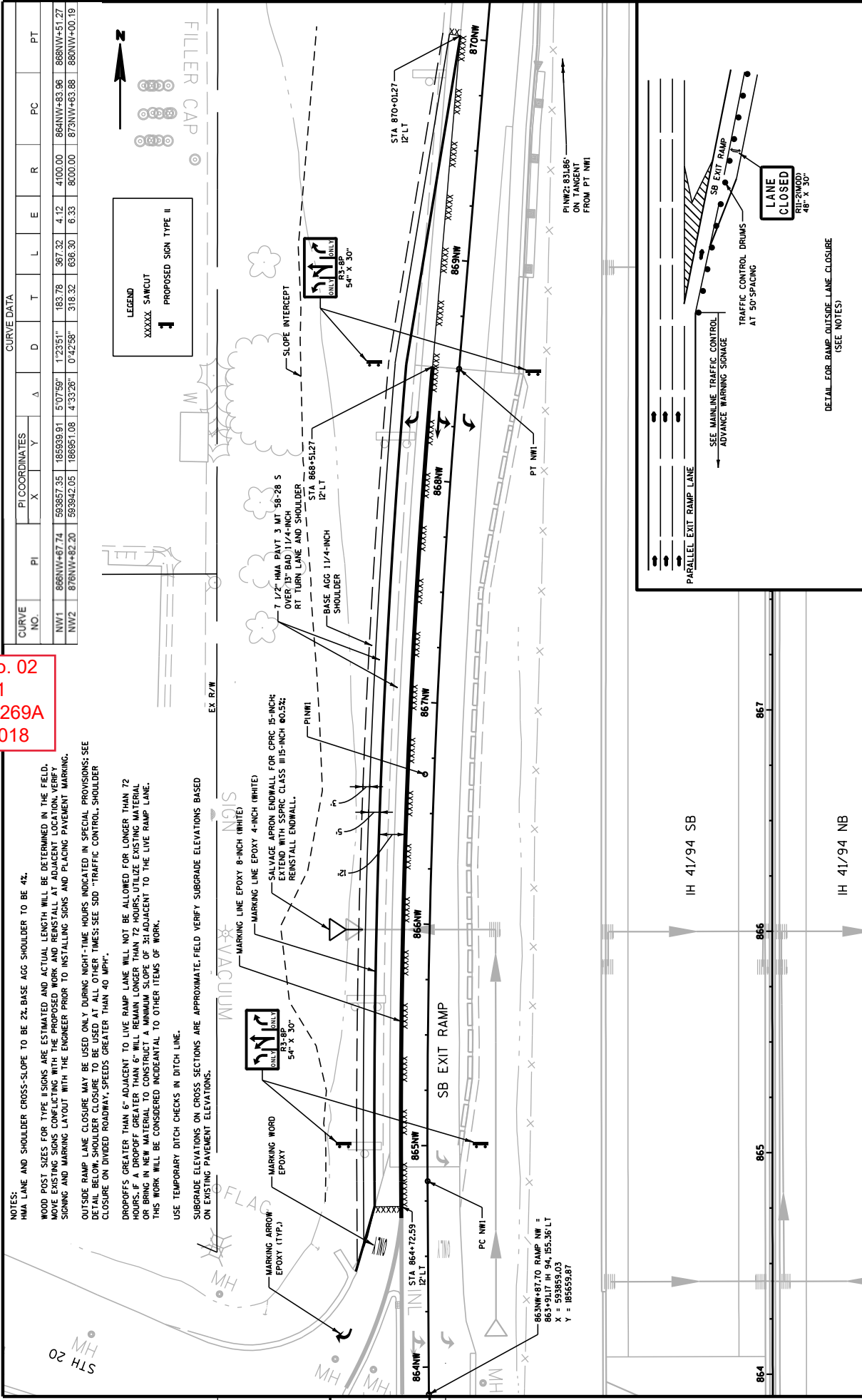
PROJECT NO: 1035-04-71	COUNTY: RACINE	PLAN - IH 94	SCALE, FEET 0 50 100	SHEET 266
FILE NAME : F:\B\1-1644D_CTH K\10301172_MRoads\cbs\050205.pn.dgn				
PLOT DATE : 09-FEB-2018 09:07				
PLOT BY : hqosik				
PLOT NAME : 050205.pn				
FLOT SCALE : 100:1				
WISDOT/CADDS SHEET 44				

Addendum No. 02
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 Added Sheet 269A
 February 9, 2018

NOTES:
 HMA LANE AND SHOULDER CROSS-SLOPE TO BE 2% BASE AGG SHOULDER TO BE 4%.
 WOOD POST SIZES FOR TYPE II SIGNS ARE ESTIMATED AND ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.
 MOVE EXISTING SIGNS CONFLICTING WITH THE PROPOSED WORK AND REINSTALL AT ADJACENT LOCATION. VERIFY
 SIGNING AND MARKING LAYOUT WITH THE ENGINEER PRIOR TO INSTALLING SIGNS AND PLACING PAVEMENT MARKING.
 OUTSIDE RAMP LANE CLOSURE MAY BE USED ONLY DURING NIGHT-TIME HOURS INDICATED IN SPECIAL PROVISIONS; SEE
 DETAIL BELOW. SHOULDER CLOSURE TO BE USED AT ALL OTHER TIMES; SEE SDD "TRAFFIC CONTROL, SHOULDER
 CLOSURE ON UNDIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH".
 DEPROFES GREATER THAN 6" ADJACENT TO LIVE RAMP LANE WILL NOT BE ALLOWED FOR LONGER THAN 72
 HOURS. IF A DROPOFF GREATER THAN 6" WILL REMAIN LONGER THAN 72 HOURS, UTILIZE EXISTING MATERIAL
 OR BRING IN NEW MATERIAL TO CONSTRUCT A MINIMUM SLOPE OF 3% ADJACENT TO THE LIVE RAMP LANE.
 THIS WORK WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK.
 USE TEMPORARY DITCH CHECKS IN DITCH LINE.
 SUBGRADE ELEVATIONS ON CROSS SECTIONS ARE APPROXIMATE. FIELD VERIFY SUBGRADE ELEVATIONS BASED
 ON EXISTING PAVEMENT ELEVATIONS.

CURVE NO.	PI COORDINATES			Δ	D	T	L	E	R	PC	PT
	X	Y	Z								
NW1	866NW+67.74	185939.91	507969	1.2351"	183.78	367.32	4.12	4100.00	864NW+63.96	868NW+51.27	
NW2	876NW+62.20	186951.08	43326"	0.4256"	318.32	636.30	6.33	8000.00	873NW+63.88	880NW+00.19	

LEGEND
 XXXXX SAWCUT



PROJECT NO: 1035-04-71
 HWY: IH 41
 COUNTY: RACINE
 STH 20 SB EXIT RAMP RT TURN LANE
 SHEET 269A
 E

FILE NAME : Z:\Roc\ne\CADD\SWZ Pr-p-142-G\STH20_SBex.t\021001.cad-dgn
 PLOT DATE : 2-7-2018
 PLOT BY : D.J.W
 PLOT NAME :
 PLOT SCALE : 1:61.8182
 WISDOT/CADD SHEET 44

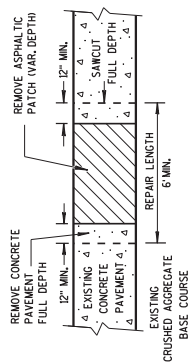
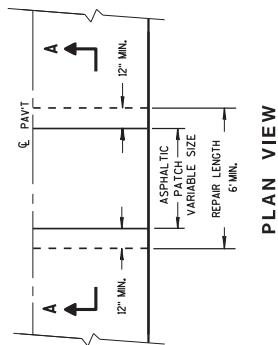
GENERAL NOTES

SAW CUT, DRILL AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

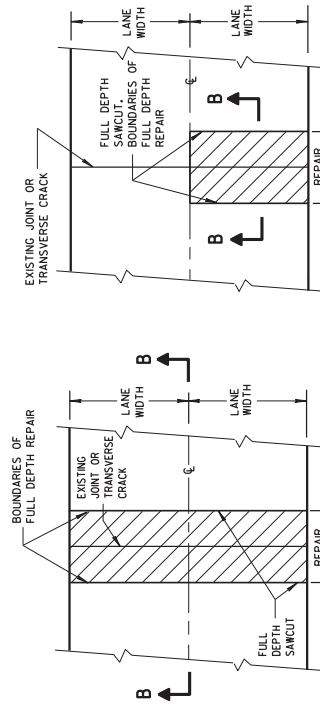
PROVIDE A 6-FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREAS TO ADJACENT TRANSVERSE JOINT OR CRACK IN THE SAME LANE.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NONDOMELED AND THE PAVEMENT IS TO BE OVERLAD AFTER REPAIRING.

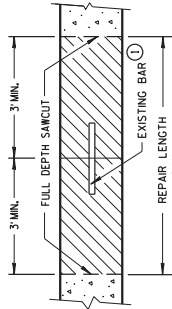
① Dowel bars might not exist.



HMA PATCH REMOVAL



FULL DEPTH CONCRETE PAVEMENT REMOVAL



CONCRETE REMOVAL

Addendum No. 02
ID 1035-04-71
Added Sheet 285A
February 9, 2018

CONCRETE PAVEMENT REPAIR
AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

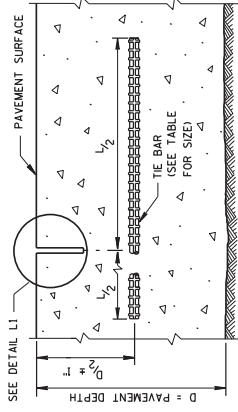
285A

GENERAL NOTES

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.
 CONCRETE PAVEMENT REPAIRS OF EXISTING NONDOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.
 DO NOT SEAL OR FILL JOINTS.

ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY. FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

① APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

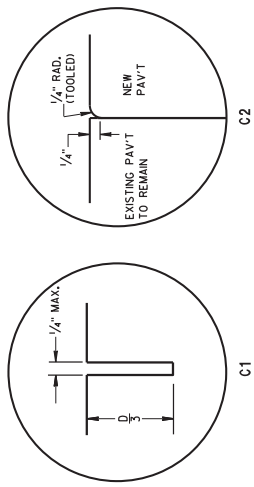


SAWED LONGITUDINAL JOINT

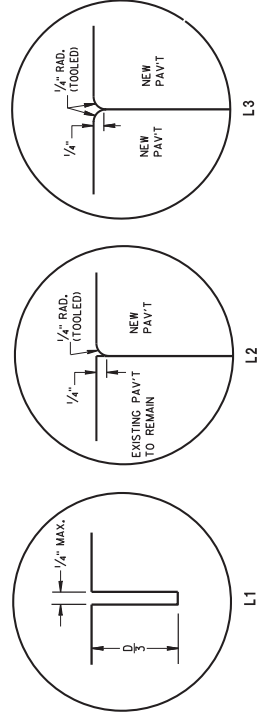
TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

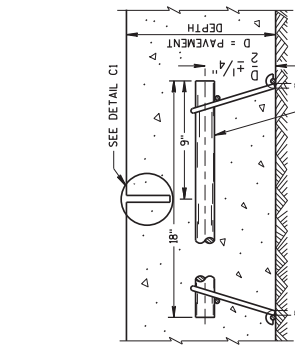
* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)
 ** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



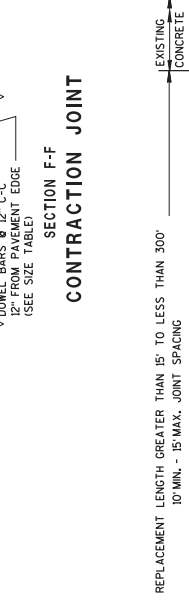
TRANSVERSE JOINTS



LONGITUDINAL JOINTS



CONTRACTION JOINT

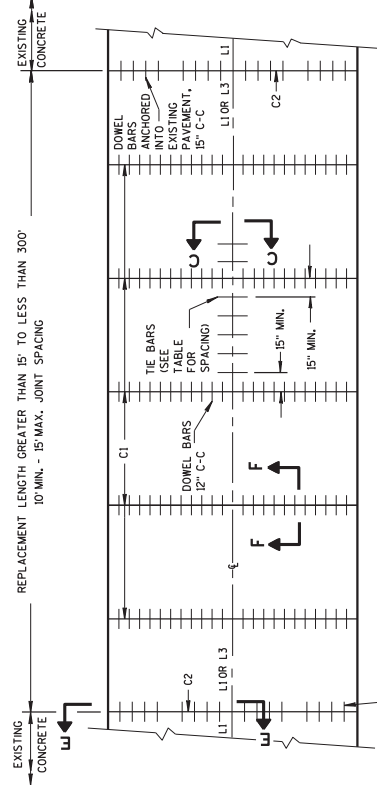


DRILLED DOWEL BAR CONSTRUCTION JOINT

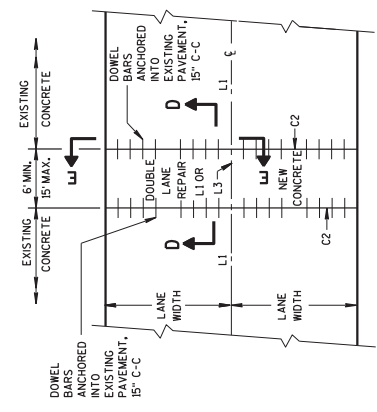
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED JOINT DIAMETER	CONTRACTION JOINT SPACING
5 1/2" - 6 1/2"	NONE	NONE	12"
7" - 7 1/2"	1"	1"	14"
8" - 8 1/2"	1 1/4"	1 1/4"	15"
9" - 9 1/2"	1 1/4"	1 1/4"	15"
10" & ABOVE	1 1/2"	1 1/2"	15"

Addendum No. 02
 ID 1035-04-71
 Added Sheet 285B
 February 9, 2018



MULTI-LANE CONCRETE PAVEMENT REPLACEMENT



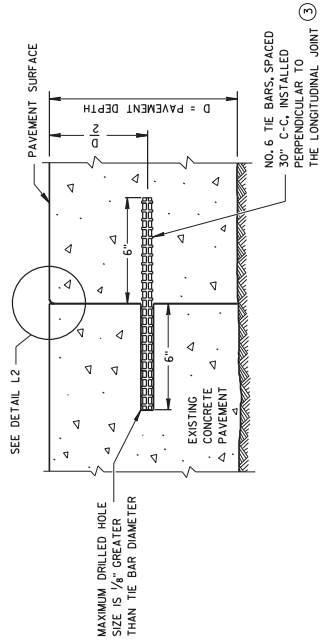
MULTI-LANE CONCRETE PAVEMENT REPAIR

CONCRETE PAVEMENT
 REPAIR AND REPLACEMENT

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

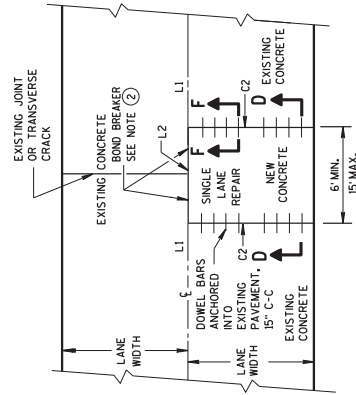
GENERAL NOTES

- ① WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6" SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR, DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
- ② USE AN ENGINEER-APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
- ③ ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

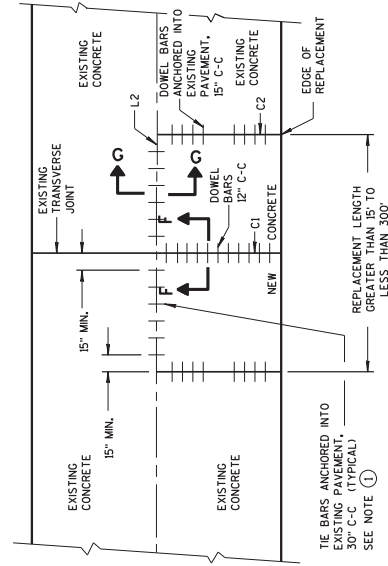


SECTION G-G

TIE BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW
SINGLE LANE
CONCRETE PAVEMENT REPAIR



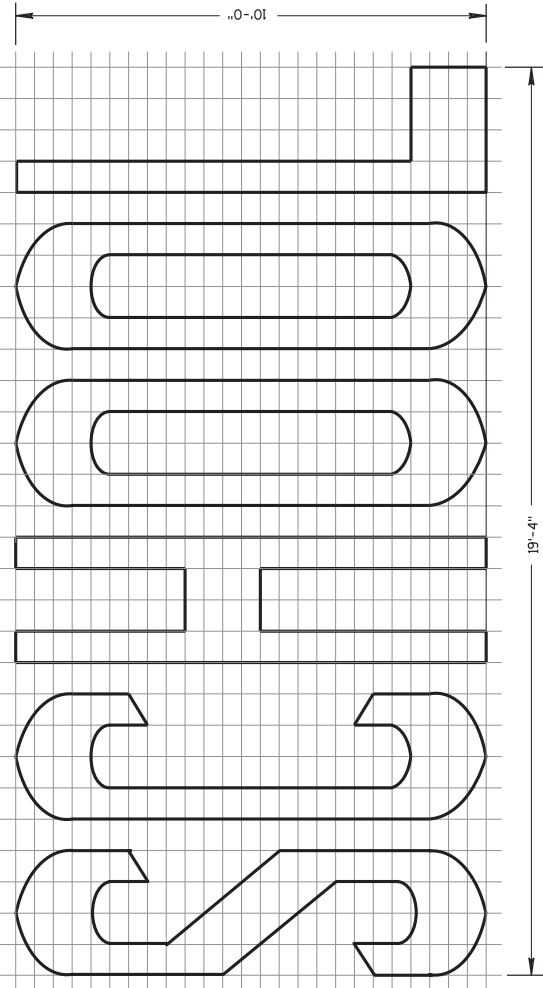
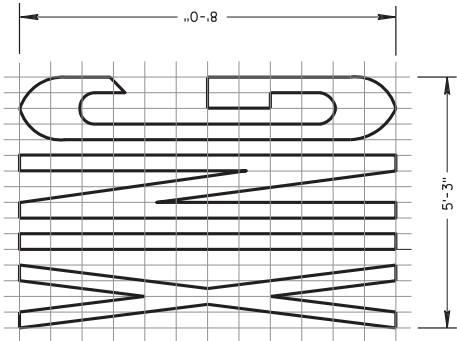
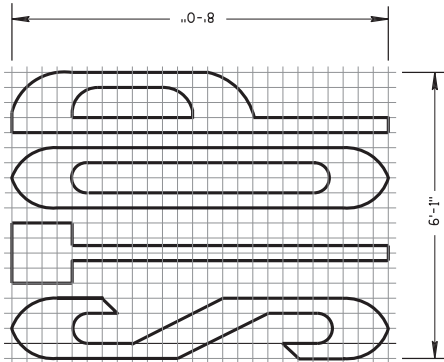
PLAN VIEW
SINGLE LANE
CONCRETE PAVEMENT REPLACEMENT

Addendum No. 02
ID 1035-04-71
Added Sheet 285C
February 9, 2018

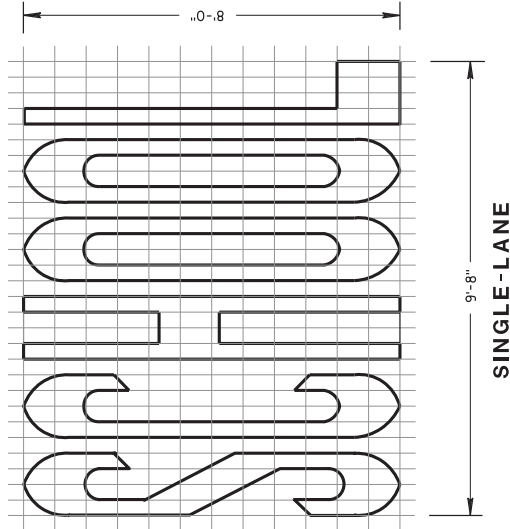
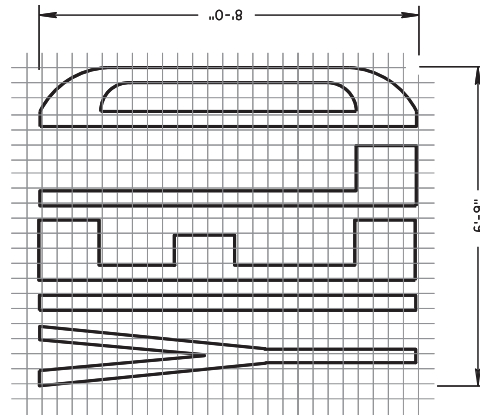
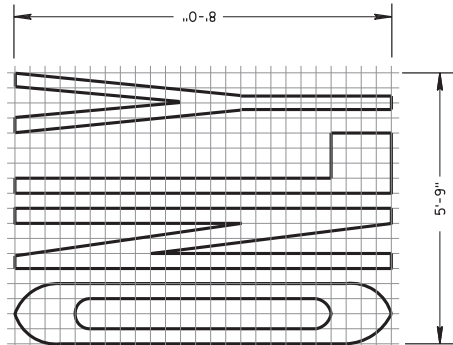
CONCRETE PAVEMENT REPAIR AND REPLACEMENT
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED _____ March, 2017 _____ DATE PAVEMENT SUPERVISOR P.W.M.A.

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TWO - LANE

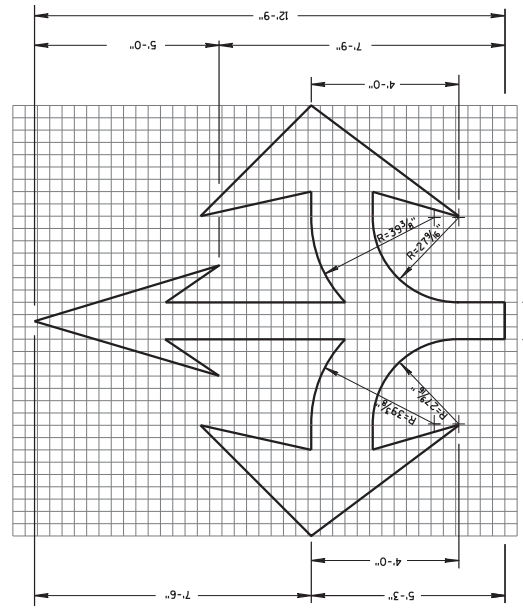
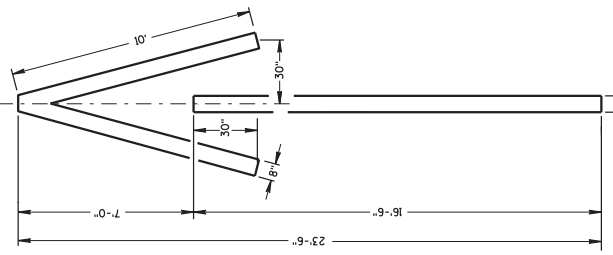


SINGLE - LANE

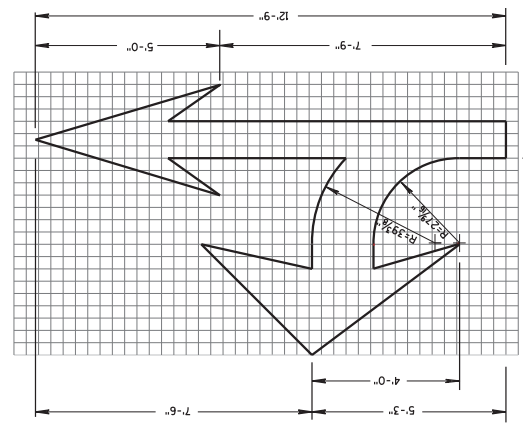
Addendum No. 02
ID 1035-04-71
Added Sheet 306A
February 9, 2018

PAVEMENT MARKING WORDS
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED June 2017 DATE /S/ Matthew R. Rauch STATE SIGNING AND MARKING ENGINEER FHWA

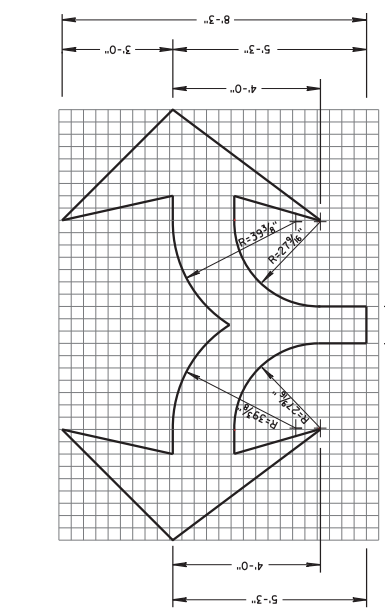
GENERAL NOTES
 DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



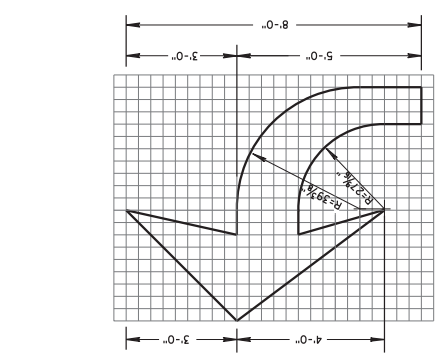
TYPE 2



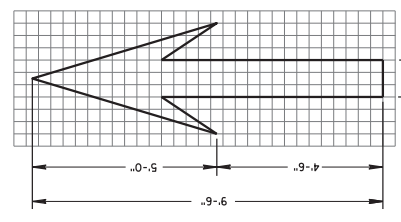
TYPE 3



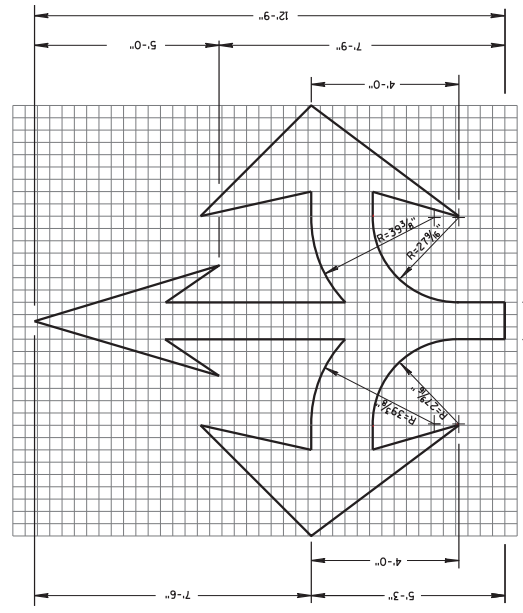
TYPE 4



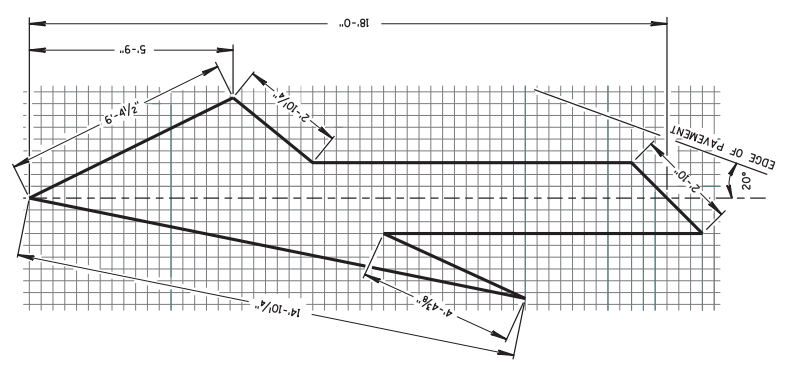
TYPE 5



TYPE 6



TYPE 7

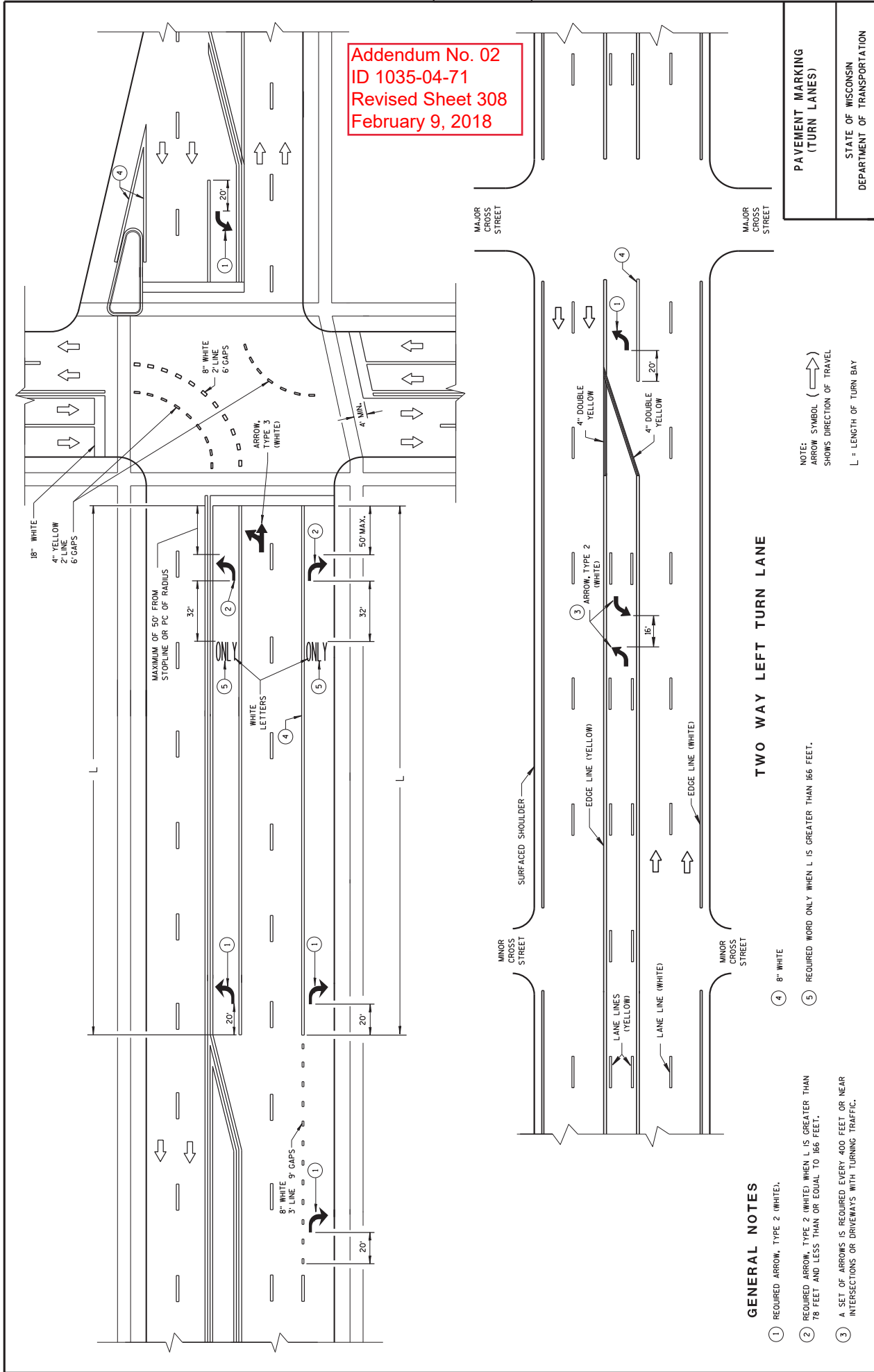


TYPE 8

Addendum No. 02
 ID 1035-04-71
 Added Sheet 306B
 February 9, 2018

PAVEMENT MARKING ARROWS
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED DATE: June 2017 DATE: /S/ Matthew R. Ruch STATE SIGNING AND MARKING ENGINEER PWMA

Addendum No. 02
ID 1035-04-71
Revised Sheet 308
February 9, 2018



PAVEMENT MARKING
(TURN LANES)
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

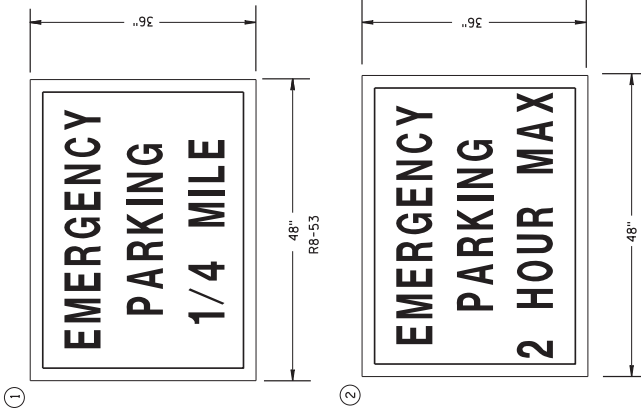
GENERAL NOTES
① REQUIRED ARROW, TYPE 2 (WHITE).
② REQUIRED ARROW, TYPE 2 (WHITE) WHEN L IS GREATER THAN 78 FEET AND LESS THAN OR EQUAL TO 166 FEET.
③ A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

NOTE:
ARROW SYMBOL (↑)
SHOWS DIRECTION OF TRAVEL
L = LENGTH OF TURN BAY

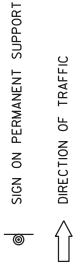
TWO WAY LEFT TURN LANE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE SPECIAL PROVISIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 TEMPORARY EMERGENCY PULLOUTS AND SIGNS SHALL BE REMOVED AND THE ROADWAY RESTORED TO ITS ORIGINAL CROSS SECTION AND CONDITION PRIOR TO REOPENING THE ROADWAY TO ONE WAY TRAFFIC.

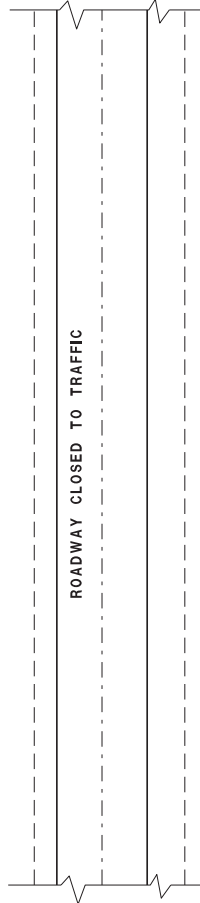
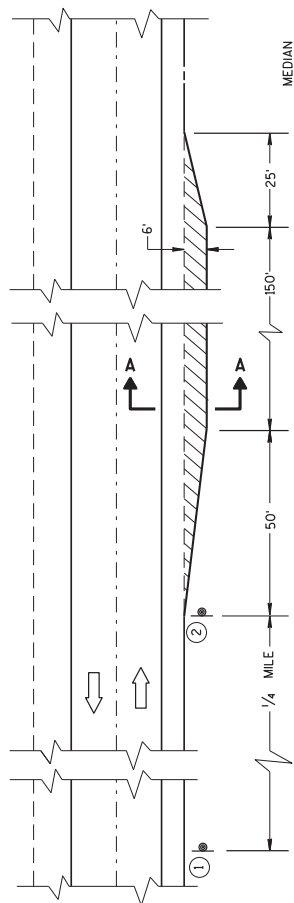


LEGEND

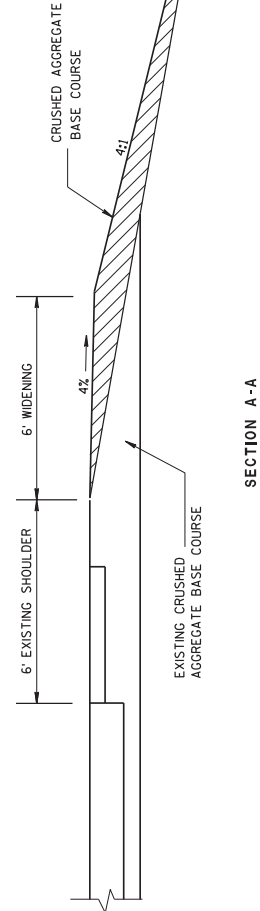


SIGNS TO BE BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

SIGNS FOR TEMPORARY EMERGENCY PULLOUTS



TEMPORARY EMERGENCY PULLOUTS FOR DIVIDED HIGHWAYS



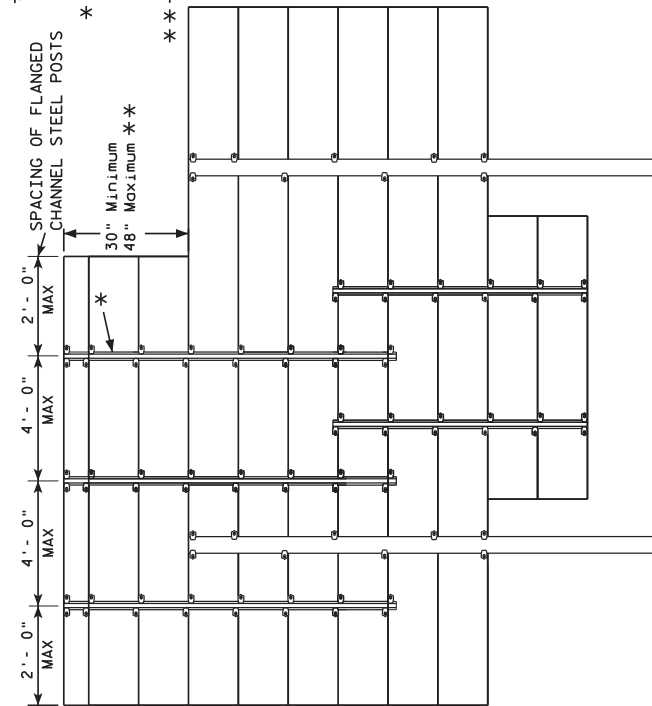
Addendum No. 02
 ID 1035-04-71
 Added Sheet 311A
 February 9, 2018

TEMPORARY
 EMERGENCY PULLOUTS

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

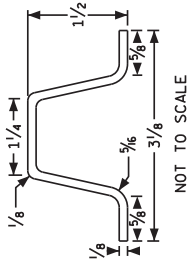
APPROVED
 DATE 8/2013 /S/ Travis Feiters
 STATE TRAFFIC ENGINEER OF DESIGN
 FHWA

GROUND MOUNTED SIGN



**2.00 lb/ft FLANGED CHANNEL, MIN. YIELD STRENGTH = 60,000 PSI (GRADE 60) GALVANIZED
 **FOR 48" HEIGHT PANELS ON OVERHEAD STRUCTURES, ENTIRE SIGN SHALL BE CENTERED VERTICALLY ABOUT THE DEPTH OF THE TRUSS.
 *** THESE SPACING DISTANCES SHALL ONLY BE USED WHEN THE MAIN SIGN HAS A MAXIMUM HEIGHT (DIMENSION H) OF 16 FT OR LESS. FOR SIGNS WITH A HEIGHT OF GREATER THAN 16 FT, STRUCTURAL CALCULATIONS SHALL BE PERFORMED.

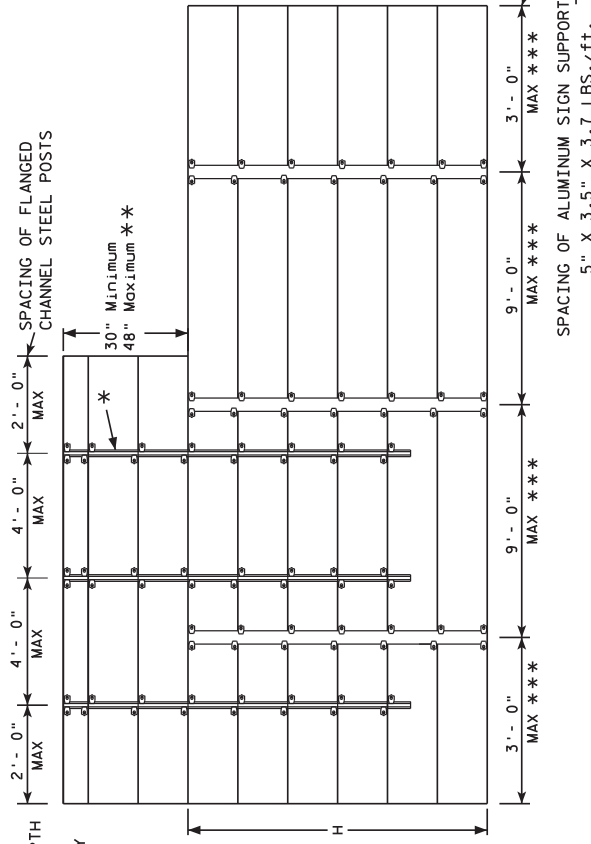
FLANGE CHANNEL DETAIL



GENERAL NOTES

1. Flanged channel steel posts shall conform to size and material above, and shall be considered as incidental to other items in the contract.
2. Number of Flanged channel steel supports varies with length of panel and shall be spaced as shown:
 PANEL LENGTH 8'-0" OR LESS = 2 CHANNELS
 PANEL LENGTH 9'-0" - 12'-0" = 3 CHANNELS
 PANEL LENGTH 13'-0" OR MORE = 4 CHANNELS
 If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the sign.

BRIDGE MOUNTED SIGN



Addendum No. 02
 ID 1035-04-71
 Added Sheet 327A
 February 9, 2018

ATTACHMENT OF GUIDE
 SIGNS TO SUPPORTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Lausch*
 State Traffic Engineer

DATE 12/05/13 PLATE NO. A4-6.12

SHEET NO: 327A

WISDOT/CADD'S SHEET 42

PLOT BY : mscsjj

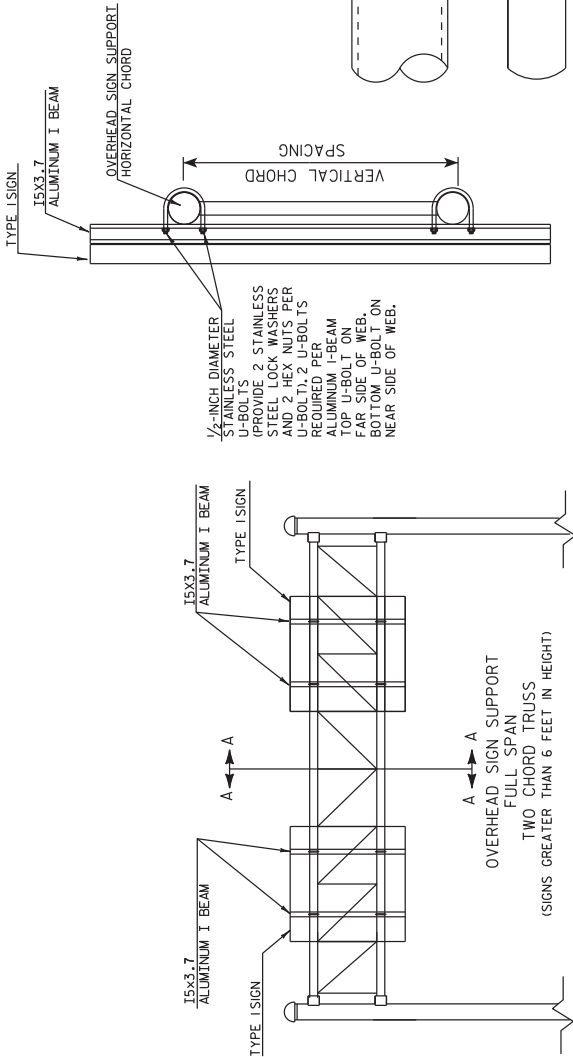
PLOT DATE : 05-DEC-2013 12:47

PROJECT NO: FILE NAME : C:\CAEF_files\Projects\tr_stdp\lots\A46.DGN

GENERAL NOTES:

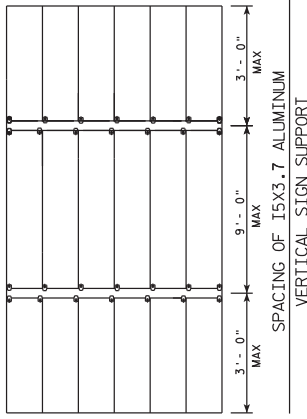
1. USE STAINLESS STEEL U-BOLTS, WASHERS, AND NUTS.
2. USE CLIPS ON EVERY EXTRUDED PANEL JOINT PER SIGN PLATE A4-6.
3. USE ALUMINUM VERTICAL SIGN SUPPORT BEAMS HAVING A 5 INCH BEAM DEPTH AND WEIGHT OF 3.7 LBS PER FOOT.
4. U-BOLTS SHALL BE STAINLESS STEEL AND MANUFACTURED TO THE PROPER SIZE TO FIT THE CHORDS OF THE OVERHEAD SIGN STRUCTURE.
5. DIAMETER OF U-BOLTS SHALL BE AS SHOWN.
6. THE LENGTH OF THE ALUMINUM VERTICAL SIGN SUPPORT BEAMS SHALL BE THE SAME AS THE HEIGHT OF THE SIGN THEY ARE SUPPORTING. BEAM LENGTHS MAY BE LONGER FOR PROPER ATTACHMENT TO CHORDS.
7. MINIMUM NUMBER OF BRACKETS PER SIGN IS TWO. SEE DETAIL BELOW FOR SPACING OF ALUMINUM VERTICAL SIGN SUPPORTS
8. MATERIAL NOTES:
STAINLESS STEEL U-BOLTS AND LOCKWASHERS ASTM 304.
STAINLESS STEEL HEX NUTS ASTM A276.
ALUMINUM I-BEAMS ARE 6061-T6.

Addendum No. 02
ID 1035-04-71
Added Sheet 327B
February 9, 2018

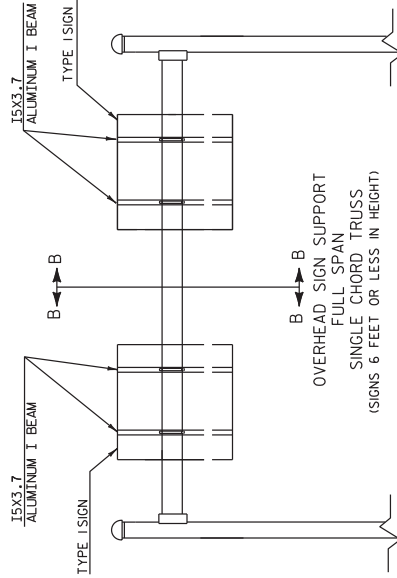


CUT SECTION A-A

TYPICAL SIGN CONNECTION FOR TWO CHORD TRUSS
PLAN VIEW



SPACING OF 15X3.7 ALUMINUM VERTICAL SIGN SUPPORT



CUT SECTION B-B

TYPICAL SIGN CONNECTION FOR SINGLE CHORD TRUSS
PLAN VIEW

TYPE I SIGN CONNECTION TO OVERHEAD SIGN SUPPORT

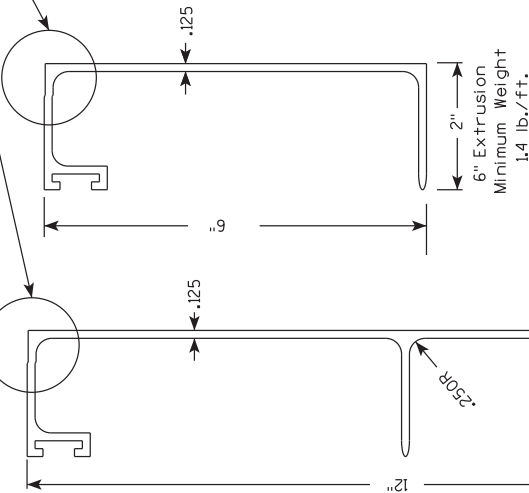
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew P. Rausch*
For
State Traffic Engineer

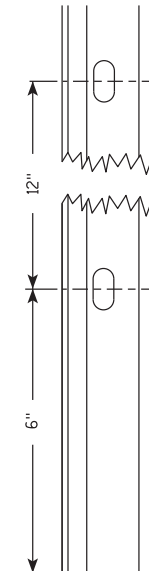
DATE 11/10/15 PLATE NO. A4-T-4

Extruded Shape

See Detail A



See Detail A

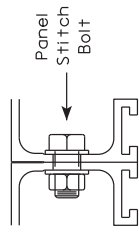


Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC on both edges of 6" and 12" panels.

Hardware

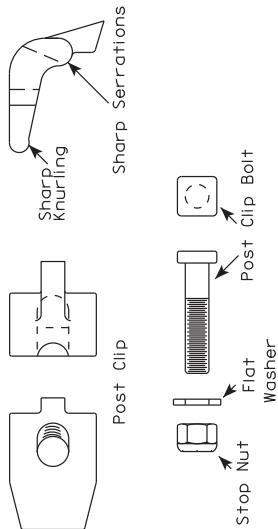
STITCH BOLT, WASHER & NUT

The hardware includes:
3/8" - 16 X 3/4" Economy Bolt 2024-T4 alloy
3/8" - Stainless steel stop nut
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy



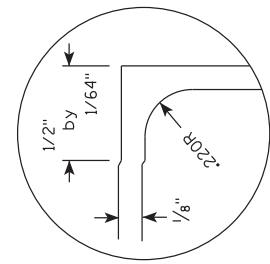
POST CLIP, POST CLIP BOLT, WASHER & NUT

Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Stainless Steel.
Flat washer shall be 3/8" X .091, Stainless Steel.
Stop nut shall be stainless steel.



NOTES

1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.
4. Edge wrapping of sign sheeting required on all extrusions joints shown in Detail A.



DETAIL A (EDGE WRAP JOINT)

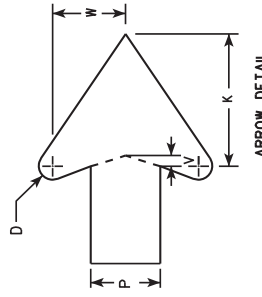
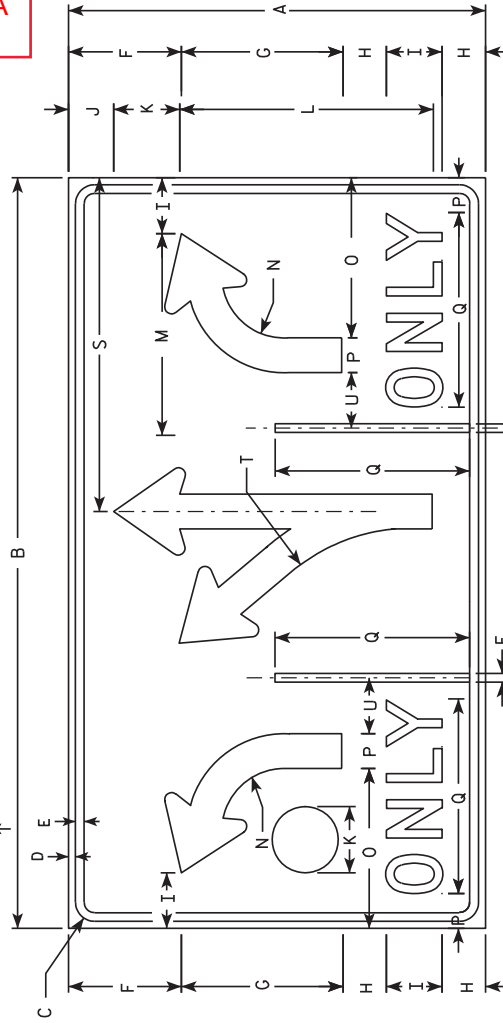
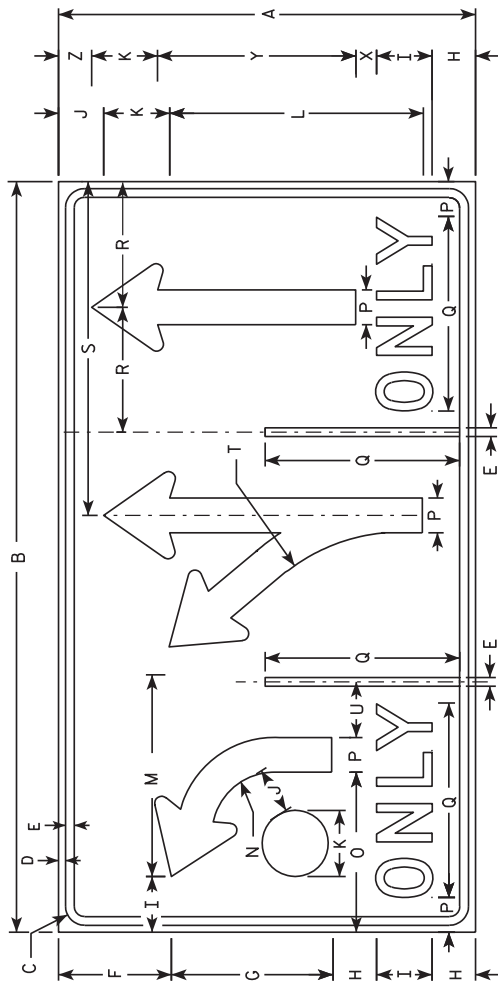
Addendum No. 02
ID 1035-04-71
Added Sheet 331A
February 9, 2018

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS
WISCONSIN DEPT OF TRANSPORTATION APPROVED <i>Matthew P. Rauch</i> for State Traffic Engineer DATE 11/30/16 PLATE NO. A5-2.10

Addendum No. 02
 ID 1035-04-71
 Added Sheet 336A
 February 9, 2018

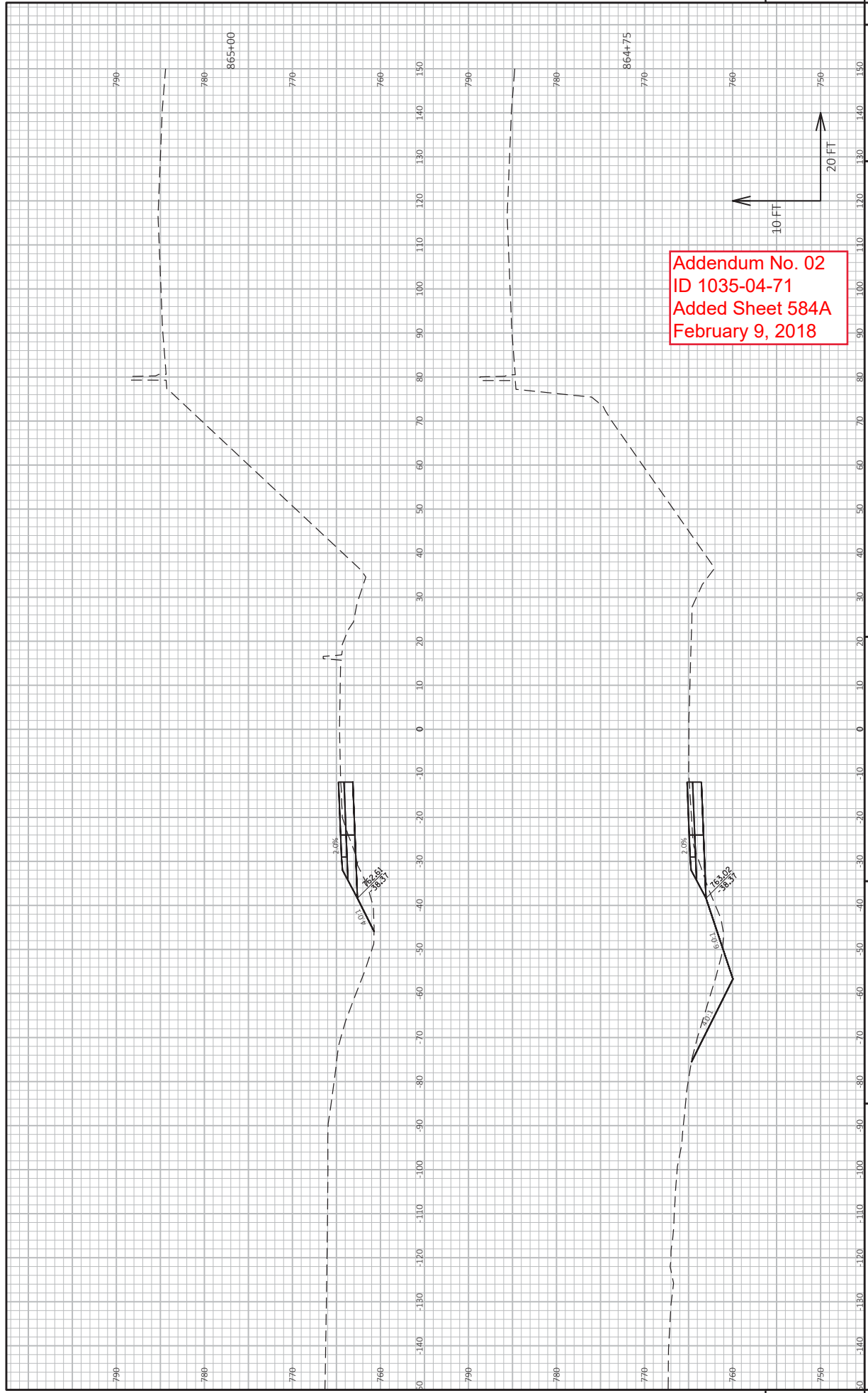
NOTES

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



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	APPRO. DR. YR.	
1																												
2S	30	54	1 3/8	1/2	5/8	8 1/8	11 3/8	3 1/8	4	3 1/4	4 3/4	18 1/4	14 1/2	4 1/2	11 1/2	2 1/2	2 1/2	14	9	24	13 1/4	4	3/8	2 3/8	1 1/2	14 1/4	2 3/8	11.25
2M	30	54	1 3/8	1/2	5/8	8 1/8	11 3/8	3 1/8	4	3 1/4	4 3/4	18 1/4	14 1/2	4 1/2	11 1/2	2 1/2	2 1/2	14	9	24	13 1/4	4	3/8	2 3/8	1 1/2	14 1/4	2 3/8	11.25
3																												
4																												
5																												

STANDARD SIGN
 R3-8PP & R3-800
 WISCONSIN DEPT. OF TRANSPORTATION
 APPROVED
Matthew R. Rauch
 State Traffic Engineer
 DATE 3/24/2011 PLATE NO. R3-8PP.2



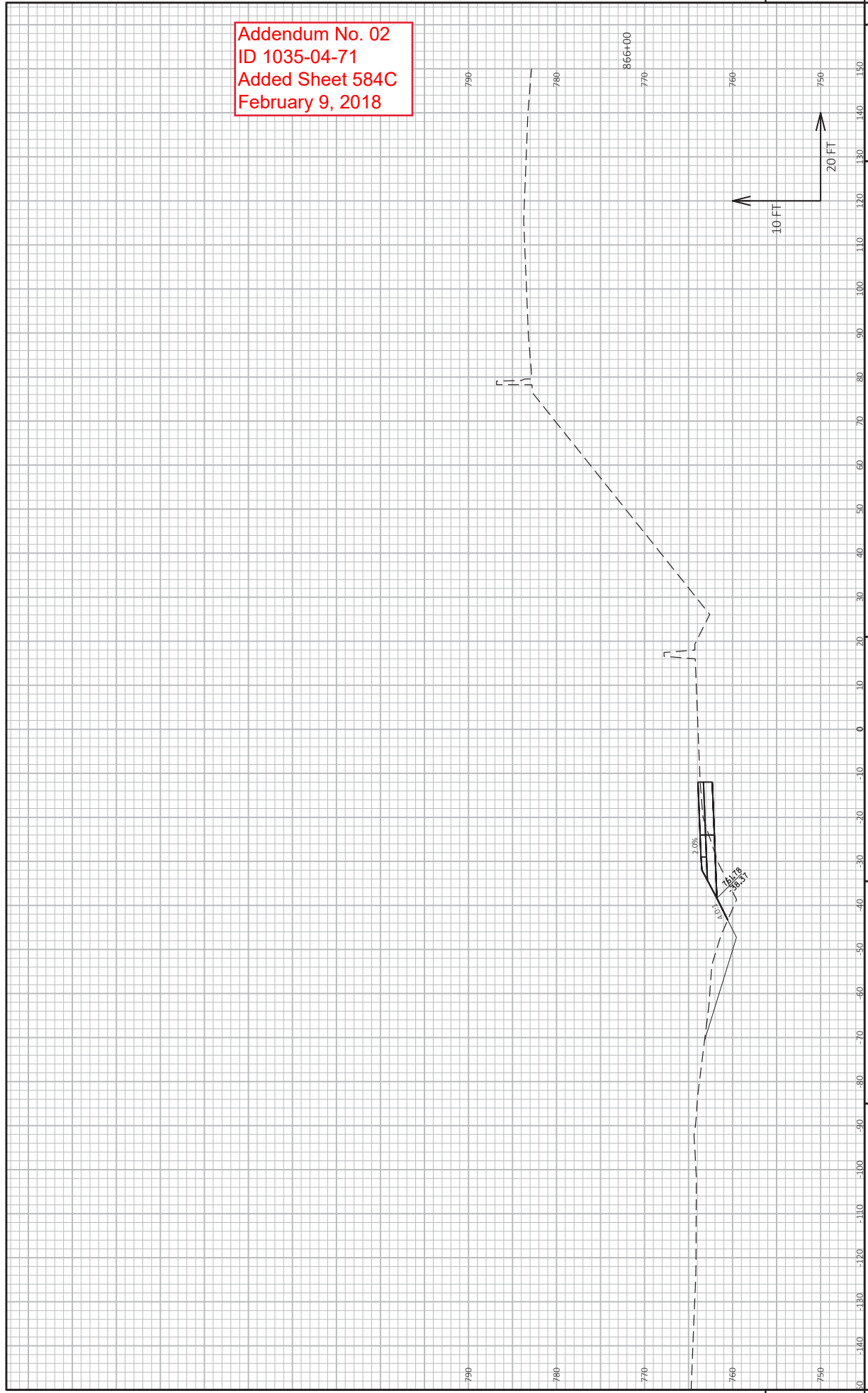
Addendum No. 02
 ID 1035-04-71
 Added Sheet 584A
 February 9, 2018

PROJECT NO: 1035-04-71
 COUNTY: RACINE
 HWY: IH 41
 CROSS SECTIONS: STH 20 SB EXIT RAMP RT TURN LANE
 PLOT BY: AARON SCHRAMM
 PLOT DATE: 2/7/2018 11:03 PM
 SHEET 584A
 WISDOT/CADD/SHEET 49

9

9

Addendum No. 02
ID 1035-04-71
Added Sheet 584C
February 9, 2018

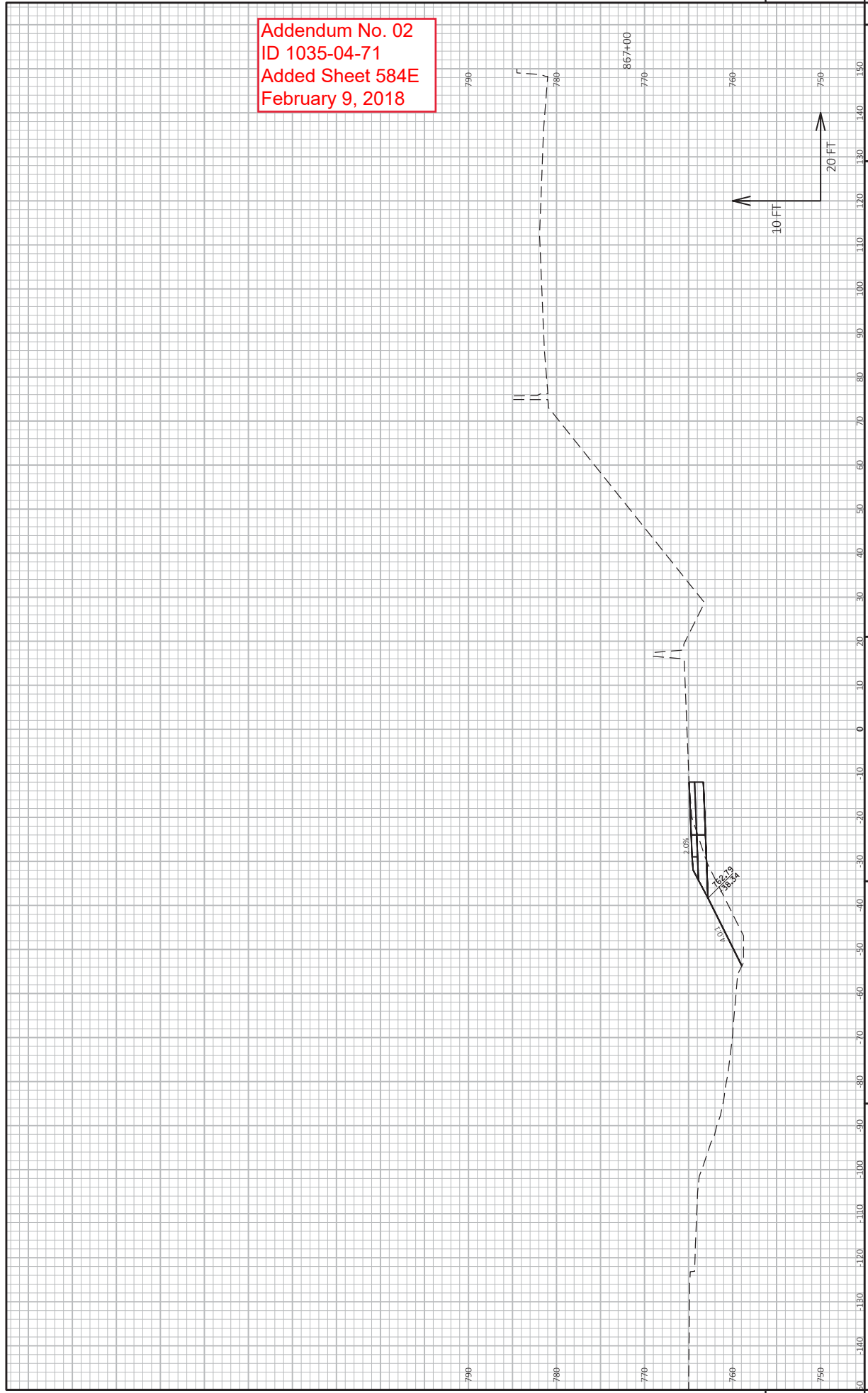


PROJECT NO: 1035-04-71
HWY: IH 41
COUNTY: RACINE
CROSS SECTIONS: STH 20 SB EXIT RAMP RT TURN LANE
PLOT BY: AARON SCHRAMM
PLOT DATE: 2/7/2018 11:04 PM
PLOT SCALE: 1 IN=20 FT HORZ. / 1 IN=10 FT VERT.
SHEET 584C
E

WISDOT/CADD/SHEET 49

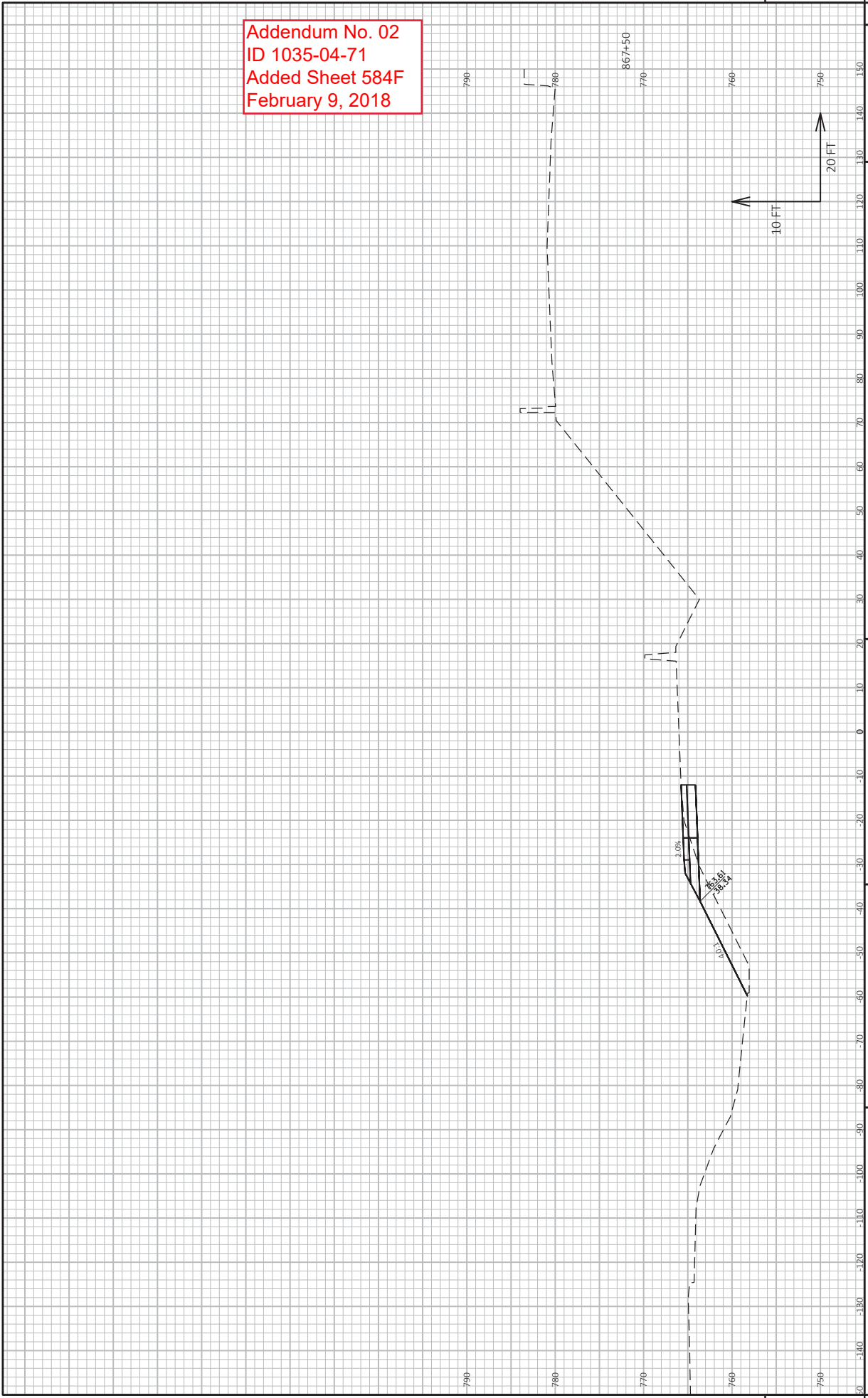
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LAYOUT NAME: Section Sheet - 141

Addendum No. 02
ID 1035-04-71
Added Sheet 584E
February 9, 2018



PROJECT NO: 1035-04-71
HWY: IH 41
COUNTY: RACINE
CROSS SECTIONS: STH 20 SB EXIT RAMP RT TURN LANE
PLOT BY: AARON SCHRAMM
PLOT DATE: 2/7/2018 11:04 PM
PLOT SCALE: 1 IN=20 FT HORZ. / 1 IN=10 FT VERT.
SHEET 584E
E

Addendum No. 02
ID 1035-04-71
Added Sheet 584F
February 9, 2018

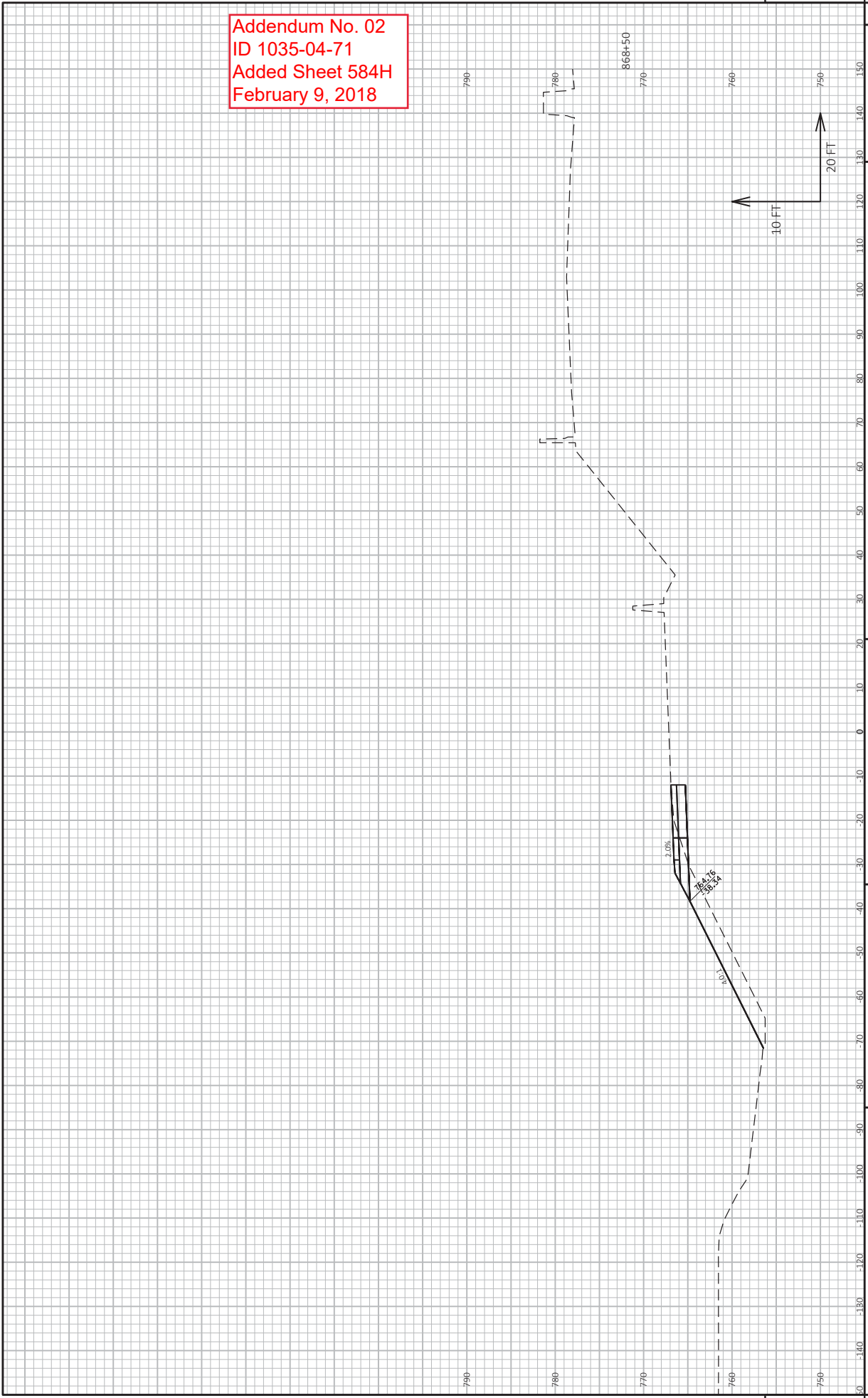


PROJECT NO: 1035-04-71
HWY: IH 41
COUNTY: RACINE
CROSS SECTIONS: STH 20 SB EXIT RAMP RT TURN LANE
PLOT BY: AARON SCHRAMM
PLOT DATE: 2/7/2018 11:04 PM
PLOT SCALE: 1 IN=20 FT HORZ. / 1 IN=10 FT VERT.
SHEET 584F
E

WISDOT/CADD/SHEET 49

FILE NAME: Z:\RACINE\CADD\1035\DESIGN\CORRIDORS\CRDR-RMP-24-SB-STH20-EXT.DWG
LAYOUT NAME: Section Sheet - 17

Addendum No. 02
ID 1035-04-71
Added Sheet 584H
February 9, 2018

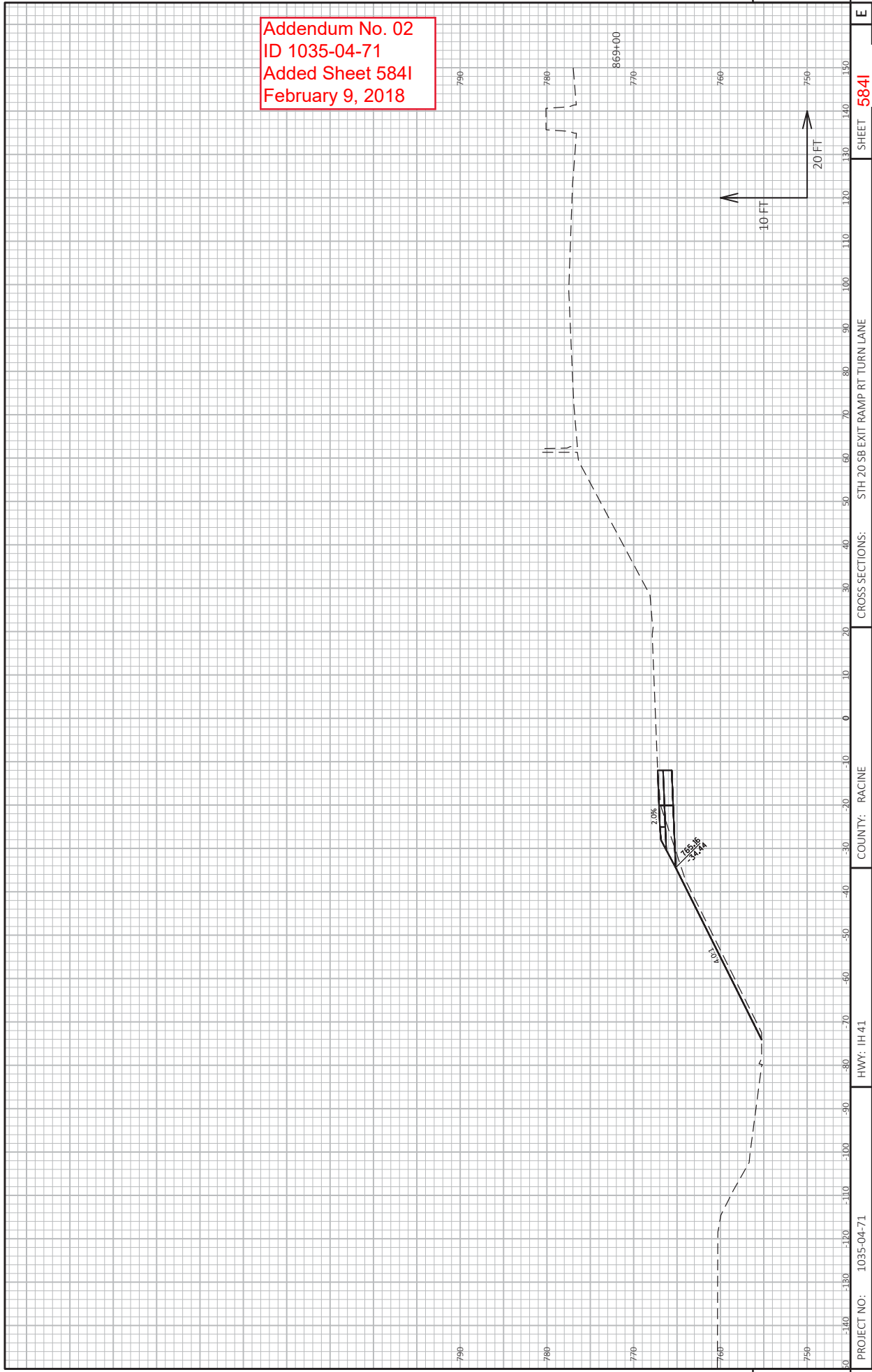


PROJECT NO: 1035-04-71
HWY: IH 41
COUNTY: RACINE
CROSS SECTIONS: STH 20 SB EXIT RAMP RT TURN LANE
PLOT BY: AARON SCHRAMM
PLOT DATE: 2/7/2018 11:04 PM
PLOT SCALE: 1 IN=20 FT HORZ. / 1 IN=10 FT VERT.
SHEET 584H
WISDOT/CADD/SHEET 49

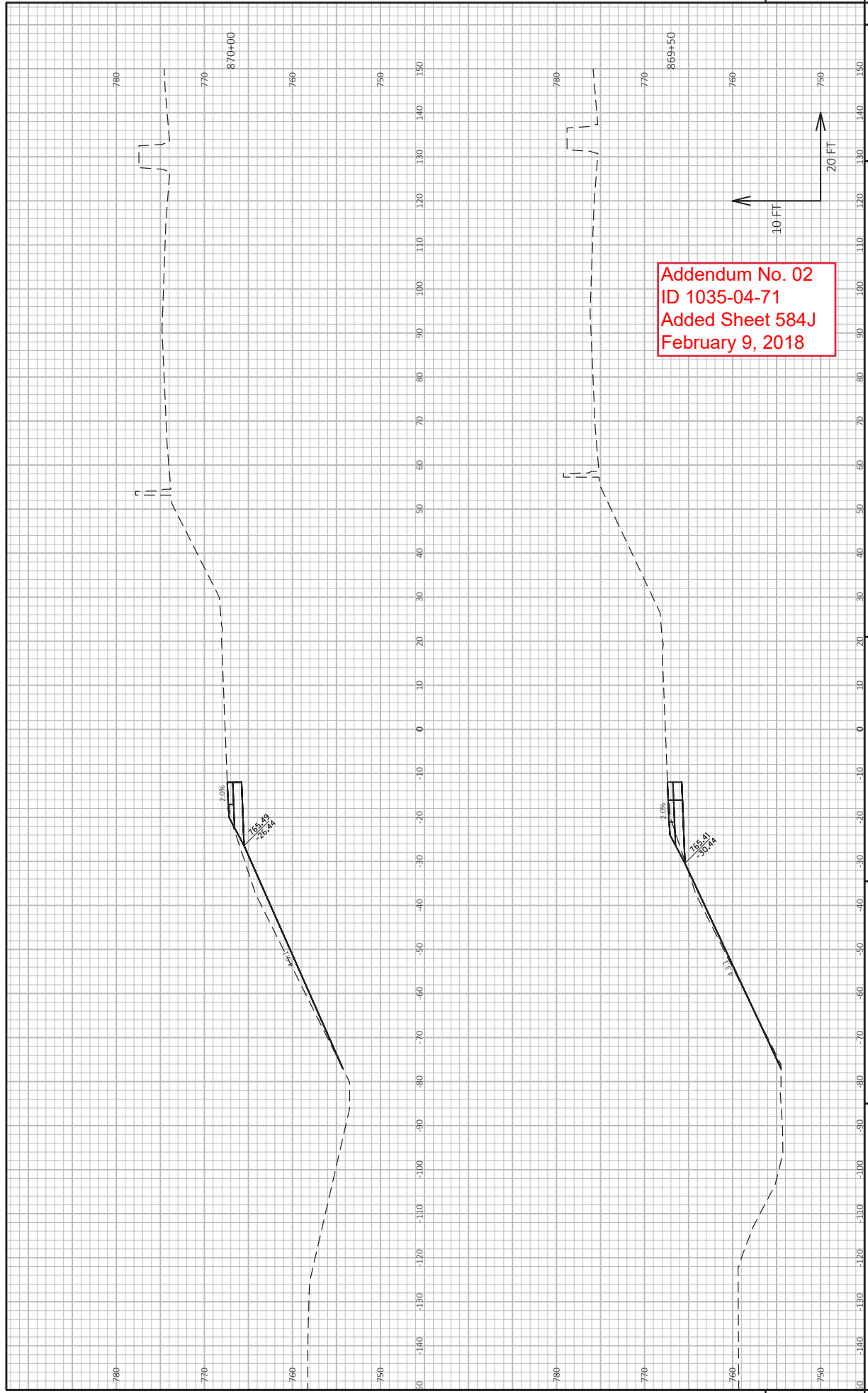
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9

Addendum No. 02
ID 1035-04-71
Added Sheet 584I
February 9, 2018



PROJECT NO: 1035-04-71
COUNTY: RACINE
CROSS SECTIONS: STH 20 SB EXIT RAMP RT TURN LANE
HWY: IH 41
PLOT DATE: 2/7/2018 11:04 PM
PLOT BY: AARON SCHRAMM
PLOT NAME: STH 20 SB EXIT RAMP RT TURN LANE
SHEET 584I
WISDOT/CADD/SHEET 49



Addendum No. 02
 ID 1035-04-71
 Added Sheet 584J
 February 9, 2018

PROJECT NO: 1035-04-71
 COUNTY: RACINE
 HWY: IH 94
 CROSS SECTIONS: STH 20 SB EXIT RAMP RT TURN LANE
 PLOT BY: AARON SCHRAMM
 PLOT DATE: 2/7/2018 11:04 PM
 SHEET 584J
 E

WISDOT/CADD/SHEET 49

FILE NAME: Z:\RACINE\CADD\1035\DESIGN\CORRIDORS\CRDR-RMP-24-SB-STH20-EXT.DWG
 LAYOUT NAME: Section Sheet - (2)



Proposal Schedule of Items

Proposal ID: 20180213034 Project(s): 1035-04-71

Federal ID(s): WISC 2018170

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	108.4400 CPM Progress Schedule	1.000 EACH	_____.	_____.
0004	204.0100 Removing Pavement	6,714.000 SY	_____.	_____.
0006	204.0105 Removing Pavement Butt Joints	108.000 SY	_____.	_____.
0008	204.0109.S Removing Concrete Surface Partial Depth	458,843.000 SF	_____.	_____.
0010	204.0115 Removing Asphaltic Surface Butt Joints	350.000 SY	_____.	_____.
0012	204.0120 Removing Asphaltic Surface Milling	2,907.000 SY	_____.	_____.
0014	204.0150 Removing Curb & Gutter	341.000 LF	_____.	_____.
0016	204.0157 Removing Concrete Barrier	13,873.000 LF	_____.	_____.
0018	204.0170 Removing Fence	1,200.000 LF	_____.	_____.
0020	204.0180 Removing Delineators and Markers	45.000 EACH	_____.	_____.
0022	204.0220 Removing Inlets	4.000 EACH	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 002. 6-Inch	1,082.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 006. 15-Inch	394.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 008. 18-Inch	124.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 020. 42-Inch	26.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213034 Project(s): 1035-04-71

Federal ID(s): WISC 2018170

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0280 Sealing Pipes	2.000 EACH	_____.	_____.
0034	204.9060.S Removing (item description) 003. Slotted Vane Drain	74.000 EACH	_____.	_____.
0036	204.9105.S Removing (item description) 001. Sign Structure S-51-203	LS	LUMP SUM	_____.
0038	204.9105.S Removing (item description) 002. Sign Structure S-51-200	LS	LUMP SUM	_____.
0040	204.9105.S Removing (item description) 003. Sign Structure S-51-201	LS	LUMP SUM	_____.
0042	204.9105.S Removing (item description) 004. Sign Structure S-51-202	LS	LUMP SUM	_____.
0044	204.9105.S Removing (item description) 010. Sign Structure S-30-205	LS	LUMP SUM	_____.
0046	204.9105.S Removing (item description) 011. Sign Structure S-30-206	LS	LUMP SUM	_____.
0048	205.0100 Excavation Common	16,670.000 CY	_____.	_____.
0050	209.0200.S Backfill Controlled Low Strength	335.000 CY	_____.	_____.
0052	209.2500 Backfill Granular Grade 2	220.000 TON	_____.	_____.
0054	213.0100 Finishing Roadway (project) 080. 1035-04-71	1.000 EACH	_____.	_____.
0056	305.0110 Base Aggregate Dense 3/4-Inch	1,500.000 TON	_____.	_____.
0058	305.0120 Base Aggregate Dense 1 1/4-Inch	14,141.000 TON	_____.	_____.
0060	312.0110 Select Crushed Material	11,538.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213034 Project(s): 1035-04-71

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	390.0203 Base Patching Asphaltic	500.000 SY	_____.	_____.
0064	390.0303 Base Patching Concrete	13,848.000 SY	_____.	_____.
0066	390.0403 Base Patching Concrete Shes	1,620.000 SY	_____.	_____.
0068	416.0610 Drilled Tie Bars	11,563.000 EACH	_____.	_____.
0070	416.0620 Drilled Dowel Bars	25,056.000 EACH	_____.	_____.
0072	416.1710 Concrete Pavement Repair	14,820.000 SY	_____.	_____.
0074	416.1715 Concrete Pavement Repair SHES	200.000 SY	_____.	_____.
0076	450.1100.S Asphaltic Mixture For Extreme Conditions	220.000 TON	_____.	_____.
0078	450.4000 HMA Cold Weather Paving	5,901.000 TON	_____.	_____.
0080	455.0605 Tack Coat	7,111.000 GAL	_____.	_____.
0082	460.2000 Incentive Density HMA Pavement	6,672.000 DOL	1.00000	6,672.00
0084	460.6223 HMA Pavement 3 MT 58-28 S	10,427.000 TON	_____.	_____.
0086	465.0125 Asphaltic Surface Temporary	6,365.000 TON	_____.	_____.
0088	495.1000.S Cold patch	110.000 TON	_____.	_____.
0090	511.1100 Temporary Shoring	1,000.000 SF	_____.	_____.
0092	511.2300 Temp Shoring Left in Place (location) 001. STH 142 to CTH E	780.000 SF	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0094	511.2300 Temp Shoring Left in Place (location) 002. CTH E SB Exit Ramp	1,463.000 SF	_____.	_____.
0096	511.2300 Temp Shoring Left in Place (location) 003. CTH KR SB Exit Ramp	1,725.000 SF	_____.	_____.
0098	511.2300 Temp Shoring Left in Place (location) 004. STH 11 SB Entrance Ramp	1,600.000 SF	_____.	_____.
0100	520.4018 Culvert Pipe Temporary 18-Inch	126.000 LF	_____.	_____.
0102	520.4042 Culvert Pipe Temporary 42-Inch	26.000 LF	_____.	_____.
0104	521.1518 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 6 to 1	3.000 EACH	_____.	_____.
0106	603.8000 Concrete Barrier Temporary Precast Delivered	25,299.000 LF	_____.	_____.
0108	603.8125 Concrete Barrier Temporary Precast Installed	125,774.000 LF	_____.	_____.
0110	606.0200 Riprap Medium	10.000 CY	_____.	_____.
0112	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	8.000 LF	_____.	_____.
0116	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	46.000 LF	_____.	_____.
0118	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	568.000 LF	_____.	_____.
0122	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	358.000 LF	_____.	_____.



Proposal Schedule of Items

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Federal ID(s): WISC 2018170

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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0124	608.2329 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	12.000 LF	_____.	_____.
0126	608.2334 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch	19.000 LF	_____.	_____.
0128	611.0430 Reconstructing Inlets	30.000 EACH	_____.	_____.
0132	611.0610 Inlet Covers Type BW	70.000 EACH	_____.	_____.
0134	611.2005 Manholes 5-FT Diameter	1.000 EACH	_____.	_____.
0136	611.2006 Manholes 6-FT Diameter	2.000 EACH	_____.	_____.
0138	611.2008 Manholes 8-FT Diameter	4.000 EACH	_____.	_____.
0142	611.3004 Inlets 4-FT Diameter	60.000 EACH	_____.	_____.
0144	611.3225 Inlets 2x2.5-FT	3.000 EACH	_____.	_____.
0148	612.0404 Pipe Underdrain Wrapped 4-Inch	1,640.000 LF	_____.	_____.
0150	612.0600 Underdrain Trench	1,640.000 LF	_____.	_____.
0152	612.0700 Drain Tile Exploration	200.000 LF	_____.	_____.
0154	614.0905 Crash Cushions Temporary	13.000 EACH	_____.	_____.
0156	614.0920 Salvaged Rail	319.000 LF	_____.	_____.
0158	614.0925 Salvaged Guardrail End Treatments	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213034 Project(s): 1035-04-71

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0162	616.0700.S Fence Safety	1,200.000 LF	_____.	_____.
0164	618.0100 Maintenance And Repair of Haul Roads (project) 043. 1035-04-71	1.000 EACH	_____.	_____.
0166	619.1000 Mobilization	1.000 EACH	_____.	_____.
0168	623.0200 Dust Control Surface Treatment	47,443.000 SY	_____.	_____.
0170	624.0100 Water	578.000 MGAL	_____.	_____.
0172	625.0100 Topsoil	10,829.000 SY	_____.	_____.
0174	627.0200 Mulching	2,000.000 SY	_____.	_____.
0176	628.1104 Erosion Bales	50.000 EACH	_____.	_____.
0178	628.1504 Silt Fence	1,246.000 LF	_____.	_____.
0180	628.1520 Silt Fence Maintenance	1,246.000 LF	_____.	_____.
0182	628.1905 Mobilizations Erosion Control	22.000 EACH	_____.	_____.
0184	628.1910 Mobilizations Emergency Erosion Control	22.000 EACH	_____.	_____.
0186	628.2004 Erosion Mat Class I Type B	8,625.000 SY	_____.	_____.
0188	628.2008 Erosion Mat Urban Class I Type B	5,726.000 SY	_____.	_____.
0190	628.7005 Inlet Protection Type A	20.000 EACH	_____.	_____.
0192	628.7010 Inlet Protection Type B	33.000 EACH	_____.	_____.



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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0194	628.7015 Inlet Protection Type C	2.000 EACH	_____.	_____.
0196	628.7020 Inlet Protection Type D	189.000 EACH	_____.	_____.
0198	628.7504 Temporary Ditch Checks	598.000 LF	_____.	_____.
0200	628.7555 Culvert Pipe Checks	119.000 EACH	_____.	_____.
0202	628.7560 Tracking Pads	12.000 EACH	_____.	_____.
0204	628.7570 Rock Bags	296.000 EACH	_____.	_____.
0206	629.0210 Fertilizer Type B	9.300 CWT	_____.	_____.
0208	630.0120 Seeding Mixture No. 20	213.000 LB	_____.	_____.
0210	630.0200 Seeding Temporary	328.000 LB	_____.	_____.
0212	634.0618 Posts Wood 4x6-Inch X 18-FT	59.000 EACH	_____.	_____.
0218	638.2102 Moving Signs Type II	82.000 EACH	_____.	_____.
0220	638.2601 Removing Signs Type I	12.000 EACH	_____.	_____.
0222	638.2602 Removing Signs Type II	10.000 EACH	_____.	_____.
0224	638.3000 Removing Small Sign Supports	18.000 EACH	_____.	_____.
0228	643.0300 Traffic Control Drums	123,640.000 DAY	_____.	_____.
0230	643.0420 Traffic Control Barricades Type III	3,745.000 DAY	_____.	_____.
0232	643.0705 Traffic Control Warning Lights Type A	6,280.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213034 Project(s): 1035-04-71

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0234	643.0715 Traffic Control Warning Lights Type C	17,455.000 DAY	_____.	_____.
0236	643.0800 Traffic Control Arrow Boards	525.000 DAY	_____.	_____.
0238	643.0900 Traffic Control Signs	16,145.000 DAY	_____.	_____.
0240	643.0910 Traffic Control Covering Signs Type I	12.000 EACH	_____.	_____.
0242	643.0920 Traffic Control Covering Signs Type II	25.000 EACH	_____.	_____.
0244	643.1050 Traffic Control Signs PCMS	135.000 DAY	_____.	_____.
0246	643.1051 Traffic Control Signs PCMS with Cellular Communications	180.000 DAY	_____.	_____.
0248	643.1055.S Truck or Trailer Mounted Attenuator	10.000 DAY	_____.	_____.
0250	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0252	645.0120 Geotextile Type HR	33.000 SY	_____.	_____.
0256	646.1020 Marking Line Epoxy 4-Inch	129,433.000 LF	_____.	_____.
0260	646.3020 Marking Line Epoxy 8-Inch	14,443.000 LF	_____.	_____.
0266	646.9000 Marking Removal Line 4-Inch	154,095.000 LF	_____.	_____.
0268	646.9010 Marking Removal Line Water Blasting 4-Inch	18,903.000 LF	_____.	_____.
0270	646.9100 Marking Removal Line 8-Inch	9,000.000 LF	_____.	_____.
0272	646.9110 Marking Removal Line Water Blasting 8-Inch	3,700.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213034 Project(s): 1035-04-71

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SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0274	646.9200 Marking Removal Line Wide	500.000 LF	_____.	_____.
0276	646.9210 Marking Removal Line Water Blasting Wide	3,400.000 LF	_____.	_____.
0278	646.9300 Marking Removal Special Marking	2.000 EACH	_____.	_____.
0280	646.9310 Marking Removal Special Marking Water Blasting	4.000 EACH	_____.	_____.
0282	649.0150 Temporary Marking Line Removable Tape 4-Inch	14,657.000 LF	_____.	_____.
0284	649.0505 Temporary Marking Arrow Paint	14.000 EACH	_____.	_____.
0286	649.0520 Temporary Marking Arrow Epoxy	12.000 EACH	_____.	_____.
0288	649.0760 Temporary Marking Raised Pavement Marker Type I	306.000 EACH	_____.	_____.
0290	653.0905 Removing Pull Boxes	5.000 EACH	_____.	_____.
0292	674.0300 Remove Cable	610.000 LF	_____.	_____.
0294	690.0150 Sawing Asphalt	4,280.000 LF	_____.	_____.
0296	690.0250 Sawing Concrete	88,492.000 LF	_____.	_____.
0298	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	1,200.000 HRS	5.00000	6,000.00
0300	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,000.000 HRS	5.00000	10,000.00
0302	SPV.0035 Special 005. Backfill Slurry	74.000 CY	_____.	_____.



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SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0304	SPV.0045 Special 001. Portable Speed Trailer	150.000 DAY	_____.	_____.
0306	SPV.0045 Special 002. Dynamic Late Merge System	150.000 DAY	_____.	_____.
0310	SPV.0060 Special 016. Mobilization Emergency Pavement Repair	11.000 EACH	_____.	_____.
0312	SPV.0060 Special 027. Manholes 10-FT Diameter	3.000 EACH	_____.	_____.
0314	SPV.0060 Special 028. Sign Support Galvanized Posts, 8.5-FT	16.000 EACH	_____.	_____.
0316	SPV.0060 Special 040. Crash Cushions Temporary Left In Place	10.000 EACH	_____.	_____.
0320	SPV.0060 Special 092. Reconnect Storm Sewer	71.000 EACH	_____.	_____.
0322	SPV.0060 Special 098. Maintain and Salvage Crash Cushions Temporary Left In Place	1.000 EACH	_____.	_____.
0324	SPV.0075 Special 090. Pavement Cleanup Project 1035-04-71	100.000 HRS	_____.	_____.
0326	SPV.0090 Special 017. Concrete Barrier Temporary Precast Delivered Special	99,425.000 LF	_____.	_____.
0328	SPV.0090 Special 018. Maintain Concrete Barrier Temporary Precast	19,140.000 LF	_____.	_____.
0330	SPV.0090 Special 052. Drain Slotted Vane Longitudinal	4,101.000 LF	_____.	_____.
0332	SPV.0090 Special 084. Heavy Duty Silt Fence	6,473.000 LF	_____.	_____.
0334	SPV.0090 Special 090. Temporary Glare Screen Left In Place	60,303.000 LF	_____.	_____.



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Proposal ID: 20180213034 Project(s): 1035-04-71

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0336	SPV.0105 Special 089. Survey Project ID 1035-04-71	LS	LUMP SUM	_____.
0340	SPV.0170 Special 002. Removal and Disposal of Invasive Plant Species	4.000 STA	_____.	_____.
0342	SPV.0180 Special 004. Removing Concrete Rumble Strips	5,061.000 SY	_____.	_____.
0344	SPV.0180 Special 013. Profile Milling	56,910.000 SY	_____.	_____.
0346	SPV.0195 Special 004. HMA Longitudinal Joint Repair	1,100.000 TON	_____.	_____.
0348	643.0500 Traffic Control Flexible Tubular Marker Posts	300.000 EACH	_____.	_____.
0350	643.0600 Traffic Control Flexible Tubular Marker Bases	300.000 EACH	_____.	_____.
0352	649.0105 Temporary Marking Line Paint 4-Inch	323,339.000 LF	_____.	_____.
0354	649.0205 Temporary Marking Line Paint 8-Inch	17,023.000 LF	_____.	_____.
0356	649.0250 Temporary Marking Line Removable Tape 8-Inch	410.000 LF	_____.	_____.
0358	SPV.0105 Special 005. Bird Deterrent System	LS	LUMP SUM	_____.
0360	205.3000.S Temporary Emergency Pullouts	5.000 EACH	_____.	_____.
0362	416.1720 Concrete Pavement Replacement	410.000 SY	_____.	_____.
0364	522.2629 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180213034 Project(s): 1035-04-71

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0366	603.0105 Concrete Barrier Single-Faced 32-Inch	50.000 LF	_____.	_____.
0368	603.0205 Concrete Barrier Double-Faced 32-Inch	50.000 LF	_____.	_____.
0370	611.8115 Adjusting Inlet Covers	18.000 EACH	_____.	_____.
0372	634.0614 Posts Wood 4x6-Inch X 14-FT	8.000 EACH	_____.	_____.
0374	637.1220 Signs Type I Reflective SH	120.000 SF	_____.	_____.
0376	637.2210 Signs Type II Reflective H	45.000 SF	_____.	_____.
0378	641.8100 Overhead Sign Support (structure) 01. S-30-262	LS	LUMP SUM	_____.
0380	646.5020 Marking Arrow Epoxy	4.000 EACH	_____.	_____.
0382	646.5120 Marking Word Epoxy	1.000 EACH	_____.	_____.
0384	SPV.0060 Special 020. Field Office Left In Place Special	1.000 EACH	_____.	_____.
0386	SPV.0060 Special 021. Cleaning Deck Drains	36.000 EACH	_____.	_____.
0388	SPV.0060 Special 052. Fastening Sewer Access Covers	82.000 EACH	_____.	_____.
0390	SPV.0060 Special 065. Apron Endwalls for Culvert Pipe Salvaged 15-Inch	1.000 EACH	_____.	_____.
0392	SPV.0195 Special 015. HMA Transverse Joint Repair	36.000 TON	_____.	_____.

Section: 0001

Total: _____.

Total Bid: _____.

