Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
4802 Sheboygan Avenue, Rm 601
P O Box 7916
Madison, WI 53707-7916

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

March 2, 2016

NOTICE TO ALL CONTRACTORS:

Proposal #21: 4994-01-15, WISC 2016 063
N Main Street, City of Oshkosh
New York-Murdock
Local Street
Winnebago County

Letting of March 8, 2016

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

Special Provisions

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
4	Traffic
21	Traffic Signals and Lighting, General

Added Special Provisions	
Article No.	Description
92	Poles Type 9, Item SPV.0060.70
93	Monotube Arms 30-FT, Item SPV.0060.74
94	Install Pedestal Bases, Item SPV.0060.84; Install Traffic Signal Standards Aluminum 15-Ft, Item SPV.0060.85; Install Traffic Signal Standards Aluminum 10-Ft, Item SPV.0060.86; Install Luminaire Arms Single Member 6-Inch Clamp 10-Ft, Item SPV.0060.87; Install Luminaire Arms Single Member 6-Inch Clamp 15-Ft, Item SPV.0060.88; Install Poles Type 9, Item SPV.0060.89; Install Poles Type 10, Item SPV.0060.90; Install Poles Type 13, Item SPV.0060.91; Install Monotube Arms 30-Ft, Item SPV.0060.92; Install Monotube Arms 30-Ft, Item SPV.0060.93.
95	Install Traffic Signal Face 3-12 Inch Vertical, Item SPV.0060.100; Install Traffic Signal Face 4-12 Inch Vertical, Item SPV.0060.101; Install Backplates Signal Face 3 Section 12-Inch, Item SPV.0060.102; Install Backplates Signal Face 4 Section 12-Inch, Item SPV.0060.103; Install Pedestrian Signal Face 16-Inch, Item SPV.0060.104; Install Pedestrian Push Buttons, Item SPV.0060.105; Install Led Modules 12-Inch Red Ball, Item SPV.0060.106; Install Led Modules 12-Inch Yellow Ball, Item SPV.0060.107; Install Led Modules 12-Inch Green Ball, Item SPV.0060.108; Install Led Modules 12-Inch Red Arrow, Item SPV.0060.109; Install Led Modules 12-Inch Yellow Arrow, Item SPV.0060.110; Install Led Modules 12-Inch Green Arrow, Item SPV.0060.111; Install Led Modules Pedestrian Countdown Timer 16-Inch, Item SPV.0060.112; Install Signal Mounting Hardware New York Avenue Intersection, Item SPV.0060.113.
96	Install Luminaires Utility LED A, Item SPV.0060.115

97	Traffic Signal Controller and Cabinet, Item SPV.0060.120
98	Salvaged Handrail, Item SPV.0060.121
99	Notice to Contractor – Remove Retaining Wall
100	Curb Ramp Detectable Warning Field Natural Patina
101	Traffic Signal Faces and Pedestrian Signal Faces
102	Luminaires Utility LED Type A

Deleted Special Provisions	
Article No.	Description
59	Poles Type 9, Item SPV.0060.70; Poles Type 10, Item SPV.0060.71; Poles Type 13, Item SPV.0060.72
60	Monotube Arms 28-FT, Item SPV.0060.73; Monotube Arms 30-FT, Item SPV.0060.74; Monotube Arm 48-FT, Item SPV.0060.75

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0100	Excavation Common	CY	10,780	120	10,909
415.0080	Concrete Pavement 8-Inch	SY	10,098	1,674	11,772
601.0600	Concrete Curb Pedestrian	LF	227	8	235
602.0405	Concrete Sidewalk 4-Inch	SF	20,683	28	20,711
657.0635	Luminaire Arms Single Member 6-Inch Clamp 10-Ft	Each	2	-1	1
658.0110	Traffic Signal Face 3-12 Inch Vertical	Each	18	-15	3
658.0115	Traffic Signal Face 4-12 Inch Vertical	Each	8	-6	2
658.0215	Backplates Signal Face 3 Section 12 Inch	Each	18	-15	3
658.0220	Backplates Signal Face 4 Section 12 Inch	Each	8	-6	2
658.0416	Pedestrian Push Signal Face 16-Inch	Each	11	-10	1
658.0500	Pedestrian Push Buttons	Each	11	-9	2
658.0600	Led Modules 12-Inch Red Ball	Each	18	-15	3
658.0605	Led Modules 12-Inch Yellow Ball	Each	18	-15	3
658.0610	Led Modules 12-Inch Green Ball	Each	18	-15	3
658.0615	Led Modules 12-Inch Red Arrow	Each	8	-6	2
658.0620	Led Modules 12-Inch Yellow Arrow	Each	16	-12	4
658.0625	Led Modules 12-Inch Green Arrow	Each	8	-6	2
658.0635	Led Modules Pedestrian Countdown Timer 16-Inch	Each	11	-10	1
659.1115	Luminaires Utility LED A	Each	4	-3	1
SPV.0060.16	Traffic Signal Controller and Cabinet	Each	2	-1	1
SPV.0060.70	Poles Type 9	Each	2	-1	1
SPV.0060.74	Monotube Arms 30-FT	Each	2	-1	1
SPV.0090.40	Salvage and Reset Fence	LF	4	95	99
SPV.0180.01	Sealing Concrete Pavement Joints	SY	12,348	1,675	14,023

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0060.84	Install Pedestal Bases	Each	0	7	7
SPV.0060.85	Install Traffic Signal Standards Aluminum 15-Ft	Each	0	5	5

SPV.0060.86	Install Traffic Signal Standards Aluminum 10-Ft	Each	0	2	2
SPV.0060.87	Install Luminaire Arms Single Member 6-Inch Clamp 10-Ft	Each	0	1	1
SPV.0060.88	Install Luminaire Arms Single Member 6-Inch Clamp 15-Ft	Each	0	2	2
SPV.0060.89	Install Poles Type 9	Each	0	1	1
SPV.0060.90	Install Poles Type 10	Each	0	2	2
SPV.0060.91	Install Poles Type 13	Each	0	1	1
SPV.0060.92	Install Monotube Arms 30-Ft	Each	0	3	3
SPV.0060.93	Install Monotube Arms 50-Ft	Each	0	1	1
SPV.0060.100	Install Traffic Signal Face 3-12 Inch Vertical	Each	0	15	15
SPV.0060.101	Install Traffic Signal Face 4-12 Inch Vertical	Each	0	6	6
SPV.0060.102	Install Backplates Signal Face 3 Section 12-Inch	Each	0	15	15
SPV.0060.103	Install Backplates Signal Face 4 Section 12-Inch	Each	0	6	6
SPV.0060.104	Install Pedestrian Signal Face 16-Inch	Each	0	10	10
SPV.0060.105	Install Pedestrian Push Buttons	Each	0	9	9
SPV.0060.106	Install Led Modules 12-Inch Red Ball	Each	0	15	15
SPV.0060.107	Install Led Modules 12-Inch Yellow Ball	Each	0	15	15
SPV.0060.108	Install Led Modules 12-Inch Green Ball	Each	0	15	15
SPV.0060.109	Install Led Modules 12-Inch Red Arrow	Each	0	6	6
SPV.0060.110	Install Led Modules 12-Inch Yellow Arrow	Each	0	12	12
SPV.0060.111	Install Led Modules 12-Inch Green Arrow	Each	0	6	6
SPV.0060.112	Install Led Modules Pedestrian Countdown Timer 16-Inch	Each	0	10	10
SPV.0060.113	Install Signal Mounting Hardware New York Avenue Intersection	Each	0	1	1
SPV.0060.115	Install Luminaires Utility LED A	Each	0	3	3
SPV.0060.120	Install Traffic Signal Controller and Cabinet	Each	0	1	1
SPV.0060.121	Salvage and Reset Handrail	Each	0	1	1

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
657.0100	Pedestal Bases	Each	7	-7	0
657.0425	Traffic Signal Standards Aluminum 15-Ft	Each	5	-5	0
657.0430	Traffic Signal Standards Aluminum 10-Ft	Each	2	-2	0
657.0640	Luminaire Arms Single Member 6-Inch Clamp 15-Ft	Each	2	-2	0
658.5069.01	Signal Mounting Hardware (New York)	Each	1	-1	0
SPV.0060.71	Poles Type 10	Each	2	-2	0
SPV.0060.72	Poles Type 13	Each	1	-1	0
SPV.0060.73	Monotube Arms 28-FT	Each	2	-2	0
SPV.0060.75	Monotube Arms 48-FT	Each	1	-1	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
7	Note added on curb pan to clarify cross slope requirement
8	Note added on curb pan to clarify cross slope requirement

9	Note added on curb pan to clarify cross slope requirement
17	Note updated on allowable driveway slope
25	Additional salvage and reset fence item (previously called out as removed by others). Added note about matching existing curb pans on Tennessee Avenue that are currently overlaid with asphalt.
26	Added salvaged handrail and additional sidewalk
28	Revised saw cut locations
29	Removal and replacement of concrete sidewalk 4-inch beyond RW at Sta. 35+00 has been removed.
70	Changes to monotube arm lengths in structure number table
83	Earthwork summary has been revised
84	MQ table for concrete pavement and sealing joints have been revised.
85	MQ table for concrete curb pedestrian and sidewalk have been revised. Added table for Salvage and Reset Handrail.
97	MQ table for salvage and reset fence has been revised
100,101,103,105	MQ revisions for traffic signal quantities
203-243	Earthwork table has been revised and all cross sections have been revisited.

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
72A	List of traffic signal equipment to be provided by the City of Oshkosh for the intersection of N Main Street/New York Avenue/Harrison Street
204A	Earthwork Table
205A	Earthwork Table

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

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

4994-01-15

March 2, 2016

Special Provisions

3. Prosecution and Progress

Replace paragraph four with the following:

Interim Completion for New York Avenue Intersection
Complete construction of the east, west, northeast and south approaches of the North Main Street intersection with New York Avenue and Harrison Street by 12:01 AM July 1, 2016. The limits on New York Avenue which must be completed are from Sta. 8+58.46 to Sta. 10+80.19. The limits on North Main Street that need to be completed are from 9+08 to 11+00. The limits on Harrison Street are from 10+00 to 11+87.24. Work items to be completed include earthwork, removal of existing traffic signals, storm sewer, sanitary sewer, water main, base aggregate dense, concrete pavement, concrete curb and gutter, concrete sidewalk and curb ramps, installation of the new traffic signals, concrete driveways, pavement marking, and finishing items including topsoil, seeding, fertilizer, and erosion control.

4. Traffic

Replace paragraph two under section titled **B.1 Intersection Access** *with the following:*

(1) Intersection of North Main Street/New York Avenue and Harrison Street - The contractor will be allowed to completely close this 5 legged intersection. Work within the south approach (North Main Street), the east & west approaches (New York Avenue), and the northeast approach (Harrison Street) shall be completed by 12:01 AM July 1st. The limits on New York Avenue which must be completed are from Sta. 8+58.46 to Sta. 10+80.19. The limits on North Main Street that need to be completed are from 9+08 to 11+00. The limits on Harrison Street are from 10+00 to 11+87.24. Work items to be completed include earthwork, removal of existing traffic signals, storm sewer, sanitary sewer, water main, base aggregate dense, concrete pavement, concrete curb and gutter, concrete sidewalk and curb ramps, installation of new traffic signals, concrete driveways, pavement marking, and finishing items including topsoil, seeding, fertilizer, and erosion control. The south, east, west, and northeast approaches to the intersection shall be re-opened to two-way traffic. The Harrison Street approach cannot be re-opened until the new traffic signals are installed and fully operational. The north approach (North Main Street) can remain closed until the project is completed.

21. Traffic Signals and Lighting, General

Replace paragraph three with the following:

Traffic Signal and Lighting Equipment
The City of Oshkosh will furnish all above ground traffic signal equipment for the intersection of N. Main Street/New York Avenue/Harrison Street. The list of traffic signal equipment that will be furnished by the City is included in the plans. The estimated shipping date for the manufacturer to send the traffic signal equipment to the City is April 8, 2016. The traffic signal equipment will be stored at the City's storage facility at 639 Witzel Avenue. Contact Dan Kussmann at (920)379-1127 to make arrangements for picking up the traffic signal equipment. The cost of picking up the traffic signal equipment and transporting to the project site shall be considered incidental to the cost of

installing the City furnished materials. Any damage to the City furnished traffic signal equipment during transportation to the site or during installation shall be the responsibility of the contractor. All damaged equipment shall be replaced at the contractor's cost. As an alternative, the contractor may request that the traffic signal equipment be delivered to the contractor's place of business. Contact the contact Dan Kussmann at (920)379-1127 to make this request.

The Contractor shall furnish all other traffic signal equipment and lighting equipment required for the project. Prior to placing any orders for traffic signal or lighting equipment, review the equipment list with the City of Oshkosh; contact Dan Kussmann at (920)379-1127.

59. DELETED.

60. DELETED.

92. Poles Type 9, Item SPV.0060.70.

A Description
Work under this item consists of furnishing and installing monotube poles.

B Materials
Design support structures conforming to the minimum wall thickness the plan details show and to AASHTO design and fabrication standards for structural supports for highway signs, luminaires, and traffic signals. Use a design life of 50 years. Design to withstand a 3 second gust wind speed of 90 mph (145 km/h). Do not use the methods of Appendix C of those AASHTO standards.

Use Category III criteria for Type 9.

For structures requiring a fatigue analysis, use 45 mph (72 km/h) for truck-induced gusts.

After welding and before zinc coating, clean the exterior surface of each steel pole free of all loose rust and mill scale, dirt, oil or grease, and other foreign substances.

Apply a zinc coating conforming to the process specified for steel sign bridges in standard spec 641.2.8. Ensure that the zinc coating is tight, free from rough areas or slag, and presents a uniform appearance.

After completing manufacturing, clean the exterior surfaces of each pole free of all loose scale, dirt, oil or grease, and other foreign substances.

Provide a reinforced hand hole measuring 4-inches by 6-inches (100 mm by 150 mm) as the plans show. Locate the hand hole 18-inches (450 mm) from the bottom of the pole base to the center of the door.

For the hand hole, include an access cover mounted to the pole by two ¼" - 20 x ¾" (m6 x 1.00 x 19 mm) hex-head stainless steel bolts.

Provide a grounding lug complete with mounting hardware, as required, inside the pole as the plans show.

Provide access to the grounding lug from the hand hole. Weld the ground lug directly opposite the hand hole on the inside wall of the pole.

Equip the top of the shaft with a removable, ventilated cap held securely in place by at least 3¼" – 20 x ¾" (m6 x 1.00 x 19 mm) hex-head stainless steel set screws.

Ensure that all castings are clean, smooth, and with all details well defined and true to pattern.

Attached base plates firmly to the pole shaft by welding or other approved method.

Include anchor bolts meeting AASHTO standards applicable to the pole type and loading. Provide a mounting template that ensures correct installation of anchor bolts in foundation.

Paint poles black using a powder coat over the galvanizing.

C Construction
Install poles as specified in the plan details and using appropriate contractor-furnished anchor bolts and hardware. Use the appropriate anchor bolt template to ensure correct installation. Secure pole to anchor assembly and document tensioning procedures conforming to standard spec 641.3.1.2.

After completing erection using normal pole shaft raking techniques, ensure the centerline of the shaft appears vertical.

D Measurement
The department will measure Poles Type 9 as each individual pole, 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.0060.70	Poles Type 9	Each

Payment is full compensation for providing and installing poles including all hardware and fittings necessary to install the poles, and for installing identification plaques.

93. Monotube Arms 30-FT, Item SPV.0060.74.

A Description
Work under this item consists of furnishing and installing monotube arms.

B Materials
Design support structures conforming to the minimum wall thickness of the plan details show and to AASHTO design and fabrication standards for structural supports for highway signs, luminaires, and traffic signals. Use a design life of 50 years. Design to withstand a 3 second gust wind speed of 90 mph (145 km/h). Do not use the methods of Appendix C of those AASHTO standards.

Use Category III criteria for 15 to 30 foot arms. Use Category II criteria for 35 to 55 foot arms.

For structures requiring a fatigue analysis, use 45 mph (72 km/h) for truck-induced gusts.

Base the designs on the completed maximum loading configuration the standard detail drawing shows. Along with the materials list, submit a certificate of compliance certifying that the arms as furnished, conform to the above structural performance requirements. Ensure that the certificate of compliance is on the manufacturer's letterhead, signed by an authorized company officer, and notarized. Send a copy of the certificate and a copy of the monotube arm shop drawings to the department electrical engineer.

Furnish monotube arms conforming to the following:

1. Consist of zinc coated steel round or oval members.

2. Have a mounting device welded to the pole end of the monotube arm that allows the attachment of the arm to a pole as the plans show.

3. Have stiffeners or gussets if required between the arm tube and the arm mounting device to provide adequate strength to resist side loads.

4. Monotube arms to be painted black using a powder coat over the galvanizing.

After welding and before zinc coating, clean exterior surfaces of each arm free of all loose rust and mill scale, dirt, oil or grease, and other foreign substances.

Apply zinc coating as specified for sign bridge components in standard spec 641.2.8. Ensure that the zinc coating is tight, free from rough areas or slag, and presents a uniform appearance.

After manufacturing is complete, clean the exterior surfaces of each pole free of all loose scale, dirt, oil, or grease, and other foreign substances.

Paint arms black using a powder coat over the galvanizing.

C Construction
Conform to section 657.3 of the standard specifications.

D Measurement
The department will measure Monotube Arms 30-FT as each individual arm, 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.0060.74	Monotube Arms 30-FT	Each

Payment is full compensation for providing and installing all materials, including all hardware, fittings, mounting devices, shims, and attachments necessary to completely install the arms.

94. Install Pedestal Bases, Item SPV.0060.84; Install Traffic Signal Standards Aluminum 15-Ft, Item SPV.0060.85; Install Traffic Signal Standards Aluminum 10-Ft, Item SPV.0060.86; Install Luminaire Arms Single Member 6-Inch Clamp 10-Ft, Item SPV.0060.87; Install Luminaire Arms Single Member 6-Inch Clamp 15-Ft, Item SPV.0060.88; Install Poles Type 9, Item SPV.0060.89; Install Poles Type 10, Item SPV.0060.90; Install Poles Type 13, Item SPV.0060.91; Install Monotube Arms 30-Ft, Item SPV.0060.92; Install Monotube Arms 30-Ft, Item SPV.0060.93.

A Description
(1) This section describes installing City furnished poles, arms, standards, and bases for lighting and traffic signals at the intersection of N. Main Street/New York Avenue/Harrison Street, as shown on the plans and as hereinafter provided.

B Materials
B.1 City Furnished Items
(1) The City of Oshkosh will furnish the following:

-Traffic signal standards

-Luminaire arms and associated connecting bolts.

-Type 9, 10, and 13 poles and associated mounting hardware, hand hole covers, and pole caps.

- Monotube arms.

- High-strength bolt/nut/washer assemblies including additional bolts for pre-installation testing.

-Direct tension indicating (DTI) washers including additional DTI's for pre-installation testing.

-Identification plaques

The list of equipment that will be furnished by the City is included in the plans.

B.2 Contractor Furnished Items

(1) Contractor to furnish any miscellaneous tools, hardware, and components not included on the City's equipment list that are needed to complete the equipment installation. This includes providing the engineer with at least two 0.005-inch metal feeler gauges for the DTI's.

C Construction

C.1 Installation

(1) Install the city-furnished components indicated in the bid item names. Also provide high-strength bolts and DTIs, fittings, aluminum or galvanized steel shims, hardware, and other components the city does not furnish but that are required to complete the installation as the plans show.

(2) Install a grounding lug either inside the base or pole as required to connect equipment grounding conductors.

C.2 Poles

(1) Clean each pole before installation.

(2) Secure type 9, 10, and 13 structures to anchor assemblies conforming to the procedures enumerated in department form DT2321. Complete department form DT2321 for each structure. Indicate the parties responsible for the installation and submit the form to the engineer for inclusion in the permanent project record.

(3) After completing erection using normal pole shaft raking techniques, ensure that the centerline of the shaft is vertical.

(4) Install identification plaques as the plans show.

C.3 Arms

(1) Install trombone, monotube, and luminaire arms to supporting structures at the height and alignment the plans show. Clamp luminaire arms to the pole and rake so the initial level of the luminaire tenon is plus 3 degrees.

(2) Install traffic signal heads within 5 days after monotube arms are erected to control vibration. Contact the bureau of structures if signal heads cannot be installed within those 5 days.

C.4 High-Strength Bolts for Monotube Arms

C.4.1 Handling and Storage

(1) Store bolts/nut/washer assemblies and DTIs in closed containers in a protected shelter to protect them
from dirt and moisture until used. Maintain fastener system components as nearly as possible in the as manufactured condition until installed. Remove from storage only as needed and promptly return unused components to storage.

C.4.2 Pre-installation Testing

(1) Notify the engineer before performing the required field pre-installation testing.

(2) Lubricate high-strength bolt threads with a wax-based lubricant before testing. Test bolt/nut/washer assemblies with DTIs in all the configurations used for installation.

(3) Perform pre-installation testing in the field conforming to the procedures enumerated in department form DT2322 for each bolt/nut/washer/DTI size and configuration installed. Provide the engineer with the test results by submitting 2 copies of department form DT2322.

C.4.3 Bolt Installation

(1) Do not begin bolt installation without the engineer's approval.

(2) Lubricate high-strength bolt threads with a wax-based lubricant before installation.

(3) Tension high-strength bolts using DTIs. Install the DTI on the bolt with the protrusions facing away from the connected materials. Install bolt/nut/washer assemblies with DTIs in the same configuration used for pre-installation testing.

(4) Tighten conforming to department form DT2322 to provide the correct installation tension. During the operation, ensure no rotation of the part not turned by the wrench. Snug systematically from the most rigid part of the connection to the free edges. Repeat until the full connection is in a snug condition and the faying surfaces are in firm contact. Systematically tighten the connection required number of refusals is achieved. If the gaps on the DTI are completely closed, discontinue tightening.

(5) Perform QC testing as specified in section 506.3.12.3.3.3 of the standard specifications for tensioning with DTIs. The engineer may verify bolt installation by periodically testing with a feeler gauge.

C.5 Standards

(1) Thread traffic signal standards into their pedestal bases without damaging the threads. Ensure that the base is level on its concrete foundation and the standard is vertical after all connections are tight.

C.6 Bases

(1) Before installing, clean the mill scale, oil, and foreign material off transformer bases, traffic signal pedestal bases, and all other aluminum bases.

(2) Install transformer bases conforming to the manufacturer's instructions.

D Measurement

(1) The department will measure all the bid items under this section 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.0060.84	Install Pedestal Bases	Each
SPV.0060.85	Install Traffic Signal Standards Aluminum 15-Ft	Each

SPV.0060.86	Install Traffic Signal Standards Aluminum 10-Ft	Each
SPV.0060.87	Install Luminaire Arms Single Member 6-Inch Clamp 10-Ft	Each
SPV.0060.88	Install Luminaire Arms Single Member 6-Inch Clamp 15-Ft	Each
SPV.0060.89	Install Poles Type 9	Each
SPV.0060.90	Install Poles Type 10	Each
SPV.0060.91	Install Poles Type 13	Each
SPV.0060.92	Install Monotube Arms 30-Ft	Each
SPV.0060.93	Install Monotube Arms 50-Ft	Each

(2) Payment for Install Pedestal Bases is full compensation for installing the pedestal base including grounding lugs and related mounting hardware; and for providing related hardware, leveling shims, and other required components the city does not furnish.

(3) Payment for the Install Traffic Signal Standards Aluminum bid items is full compensation for installing the standards; and for providing related mounting hardware, leveling shims, and other required components the city does not furnish.

(4) Payment for the Install Poles bid items is full compensation for installing department-furnished poles and for providing grounding lugs, fittings, shims, hardware, and other required components the city does not furnish.

(5) Payment for the Install Monotube Arms and Install Luminaire Arms bid items is full compensation for installing city-furnished arms; for providing high-strength bolt/nut/washer assemblies and DTIs including those required for testing; and for providing related mounting hardware, leveling shims, and other required components the city does not furnish.

95. Install Traffic Signal Face 3-12 Inch Vertical, Item SPV.0060.100; Install Traffic Signal Face 4-12 Inch Vertical, Item SPV.0060.101; Install Backplates Signal Face 3 Section 12-Inch, Item SPV.0060.102; Install Backplates Signal Face 4 Section 12-Inch, Item SPV.0060.103; Install Pedestrian Signal Face 16-Inch, Item SPV.0060.104; Install Pedestrian Push Buttons, Item SPV.0060.105; Install Led Modules 12-Inch Red Ball, Item SPV.0060.106; Install Led Modules 12-Inch Yellow Ball, Item SPV.0060.107; Install Led Modules 12-Inch Green Ball, Item SPV.0060.108; Install Led Modules 12-Inch Red Arrow, Item SPV.0060.109; Install Led Modules 12-Inch Yellow Arrow, Item SPV.0060.110; Install Led Modules 12-Inch Green Arrow, Item SPV.0060.111; Install Led Modules Pedestrian Countdown Timer 16-Inch, Item SPV.0060.112; Install Signal Mounting Hardware New York Avenue Intersection, Item SPV.0060.113.

A Description

(1)This section describes installing City of Oshkosh furnished traffic signal faces and pedestrian signal faces at the intersection of N. Main Street/New York Avenue/Harrison Street, as shown on the plans and as hereinafter provided.

B Materials

(1)The City of Oshkosh will be furnishing signal mounting hardware, traffic signal faces, traffic signal housings and backplates, traffic signal LED modules, pedestrian signal faces, pedestrian signal housings, pedestrian signal LED modules, programmable traffic signal faces, and pedestrian push buttons.

(2)Contact Dan Kussmann at (920) 379-1127 to obtain a complete list of equipment that will be furnished by the City. Furnish any miscellaneous tools, hardware, and components not included on the City's equipment list that are needed to complete the equipment installation.

C Construction

C.1 Signal Mounting Hardware

(1) Install mounting hardware necessary to attach pedestrian and traffic signal faces to standards, poles, monotube arms, and trombone arms.

(2) Seal all voids between mounting brackets and poles by using silicon or rubberized caulking or similar material as the engineer approves.

(3) Install engineer-approved sealing or closure pinnacles with neoprene/rubber washers in all topside holes of upper signal face head mounting brackets. Plug bottom holes on bottom mounting brackets with engineer-approved sealing or closure pinnacles.

(4) If using 2 brackets with 2 mounting holes in each bracket, only use the upper hole of the top bracket to bolt the bracket to a pole or standard. Band the lower end of the upper bracket and the lower bracket to the pole or standard using 3/4 inch wide, 0.025 inch thick, stainless steel bands. Use stainless steel clips.

(5) Mount brackets banded to poles or standard so that the traffic signal assemblies are immovable. Mount all other traffic signal and pedestrian assemblies so that they are immovable.

(6) Furnish stainless steel hex-head cap screw 3/8 inch-24 NF mounting bolts. Drill and tap the pole or standard to match. Do not extend the bolt more than 1/4 inch through the wall, into the interior cavity of the pole or standard. Use a stainless steel flat washer sized to properly cover the bolt hole in the bracket and a stainless steel lock washer with each bolt.

C.2 Traffic Signal Faces

(1) Install traffic signal faces with backplates as the plans show. Install LED modules conforming to the manufacturer's recommendations.

(2) Cover with hood or turn away all traffic signal faces from the view of the traveling public until the signal is accepted for use and activated.

C.3 Programmable Traffic Signal Faces

(1) Install programmable signal faces according to the manufacturers recommendations.

C.4 Pedestrian Signal Faces

(1) Install pedestrian signal faces as the plans show. Install LED modules conforming to the manufacturer's recommendations. Use cut away, tunnel, or z-crate type visors as the plans show.

(2) Cover or turn away all pedestrian signal faces from the view of the traveling public until the signal is accepted for use and activated.

C.5 Pedestrian Push Buttons

(1) Install pedestrian push buttons. Provide a 3/4-inch diameter push button mounting hole for wiring purposes in standards or poles. De-burr the holes after sawing and before installing the wire.

(2) Plug the opening in the bottom of the pedestrian push button with a threaded pipe plug. Drill a 1/4-inch diameter hole in the plug for drainage purposes. Use IMSA 50-2 loop lead-in cable to wire the push button to the conductors in the base.

D Measurement

(1) The department will measure the Traffic Signal Face bid items, the Pedestrian Signal Face bid items, the Backplates bid items, Pedestrian Push Buttons, Programmable Traffic Signal Faces, and LED Module bid items as each individual unit acceptably completed.

(2) The department will measure the Signal Mounting Hardware bid items as a single lump sum unit for each intersection 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.0060.100	Install Traffic Signal Face 3-12 Inch Vertical	Each
SPV.0060.101	Install Traffic Signal Face 4-12 Inch Vertical	Each
SPV.0060.102	Install Backplates Signal Face 3 Section 12-Inch	Each
SPV.0060.103	Install Backplates Signal Face 4 Section 12-Inch	Each
SPV.0060.104	Install Pedestrian Signal Face 16-Inch	Each
SPV.0060.105	Install Pedestrian Push Buttons	Each
SPV.0060.106	Install Led Modules 12-Inch Red Ball	Each
SPV.0060.107	Install Led Modules 12-Inch Yellow Ball	Each
SPV.0060.108	Install Led Modules 12-Inch Green Ball	Each
SPV.0060.109	Install Led Modules 12-Inch Red Arrow	Each
SPV.0060.110	Install Led Modules 12-Inch Yellow Arrow	Each
SPV.0060.111	Install Led Modules 12-Inch Green Arrow	Each
SPV.0060.112	Install Led Modules Pedestrian Countdown Timer 16-Inch	Each
SPV.0060.113	Install Signal Mounting Hardware New York Avenue Intersection	Each

(2) Payment for the Install Signal Mounting Hardware bid items is full compensation for providing any miscellaneous tools, hardware, and components not included on the City's equipment list, necessary to attach pedestrian and traffic signal faces to standards, poles, trombone, or monotube arms.

(3) Payment for the Traffic Signal Face bid items, the Pedestrian Signal Face bid items, and the Programmable Traffic Signal Face bid items is full compensation for installing signal faces, and for providing any miscellaneous tools, hardware, and components not included on the City's equipment list that are necessary for completing the installation.

(4) Payment for the Backplates Signal Face bid items is full compensation for installing backplates and mounting screws, and for providing any miscellaneous tools, hardware, and components not included on the City's equipment list that are necessary for completing the installation.

(5) Payment for Pedestrian Push Buttons is full compensation for installing pedestrian push buttons, pipe plugs, mounting hardware, signs, banding, and wiring, and for providing any miscellaneous tools, hardware, and components not included on the City's equipment list that are necessary for completing the installation.

(6) Payment for the LED Modules bid items is full compensation for install LED display modules, and for providing any miscellaneous tools, hardware, and components not included on the City's equipment list that are necessary for completing the installation.

96. Install Luminaires Utility LED A, Item SPV.0060.115

A Description

(1)This section describes installing street lighting at the intersection of N. Main Street/New York Avenue/Harrison Street, as shown on the plans and as hereinafter provided.

B Materials

(1)Install City furnished lighting components. The list of equipment that will be furnished by the City is included in the plans.

(2)Contractor to furnish any miscellaneous tools, hardware, and components not included on the City's equipment list that are needed to complete the equipment installation.

C Construction

C.1 General

(1) Keep the luminaire lamps in their shipping cartons and protect against contamination until use. Wear clean gloves when installing luminaire lamps. Provide circuit identification plaques and luminaire sequence decals suitable for outdoor construction on the support poles as the plans show.

C.2 Wiring and Fusing

(1) Use 12 AWG, stranded copper, XLP insulated, single conductor, USE rated, 600 volt AC wire from pole hand holes to luminaires, as shown on the plans.

(2) For fusing in hand-holes, install fuse holder assemblies from a department-approved manufacturer. Use in-line 600 volt AC breakaway fuse holder assemblies with waterproof insulating boots and midget 13/32-inch by 1 1/2-inch fast acting fuses. Fuse as follows:

- Use 250 volt AC rated fuses for 240/120 volt systems

(3) Individually fuse the luminaires at 5 amp. Locate fusing at the pole handhole.

(4) For hand-hole splices and fuse assemblies, provide a neatly trained loop of each conductor to facilitate removing each splice and each fuse assembly from the hand-hole for servicing. Ground each hand-hole as the plans show.

(5) Ground the neutral only as far as the hand-hole or the junction box. From the hand-hole or junction box to the luminaires, isolate the neutral, and separately bond metal parts to ground.

(6) Connect the equipment grounding conductor to the grounding lug in each metal lighting pole.

(7) Make lighting conductor splices in hand holes electrically secure using UL or NRTL approved insulated multi-tap terminal block type connectors.

C.3 Luminaires

(1) Install utility luminaires on luminaire arms with an initial rake of plus 3 degrees, this measurement includes the rake of the arm. Install luminaires on luminaire arms level in the longitudinal direction of the highway. Except on segments where the profile is sloped greater than 3 degrees, then the engineer will determine the longitudinal level of the luminaires.

D Measurement

(1) The department will measure the each bid items under this section 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.0060.115	Install Luminaires Utility LED A	Each

(2) Payment for the Install Luminaires bid items is full compensation installing luminaires, Ballasts, lamps, fittings, brackets, hardware and attachments; and for furnishing luminaire fusing if required.

(3) The department will pay for wiring from the lighting underground feeder systems to any luminaires under the separate contract bid item.

97. Install Traffic Signal Controller and Cabinet, Item SPV.0060.120.

A Description
This work shall consist of installing a City furnished traffic signal controller at the intersection of N. Main Street/New York Avenue/Harrison Street as shown on the plans and as hereinafter provided.

B Materials
The City will provide the traffic signal controller and cabinet. The list of equipment that will be furnished by the City is included in the plans.

Contractor to furnish any miscellaneous tools, hardware, and components not included on the City's equipment list that are needed to complete the equipment installation.

The City's supplier will do initial field setup of the cabinet and conduct an instructional "how to use" field seminar for City personnel. Contact Dan Kussmann at (920)379-1127 to schedule the field seminar.

C Construction
Install in general conformance with the relevant provisions of section 675 of the standard specifications and the manufacturer's recommendations.

D Measurement
The department will measure Install Traffic Signal Controller and Cabinet as each individual assembly 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.0060.120	Install Traffic Signal Controller and Cabinet	Each

Payment is full compensation for installing the Traffic Signal Controller and Cabinet, for making all connections, for all required testing, and all labor, materials, equipment, tools, and incidentals necessary to complete the work.

98. Salvage and Reset Handrail, Item SPV.0060.121.

A Description
This special provision describes salvaging, storing, and reinstalling existing handrail as shown on the plans and as hereinafter provided.

B (Vacant)

C Construction
Remove, salvage and reinstall existing handrail at the locations shown on the plans in such a manner that prevents damaging the handrail materials.

If the contractor damages existing handrail through their own operations, the contractor shall replace them at no expense to the department.

D Measurement
The department will measure Salvage and Reset Handrail as each individual handrail 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.0060.121	Salvage and Reset Handrail	Each.

Payment is full compensation for furnishing all labor, tools, materials and incidentals; for removing, storing, and reinstalling the handrail materials.

99. Notice to Contractor – Removing Retaining Wall

The existing retaining wall at #1402 N. Main Street is being removed as part of this project. The property owner has requested that he be allowed to keep all or a portion of the concrete slabs from the existing wall after the contractor removes them. Contact Joel Porst at (920) 203-7466 to coordinate where on the property the existing slabs are to be placed after removal. Dispose of any materials that the property owner does not want.

100. Curb Ramp Detectable Warning Field Natural Patina

Modify standard specification 602.2(3) to include the following:
Furnish Neenah Foundry R-4984 cast iron detectable plate natural finish or Pioneer detectable warning field natural finish.

101. Traffic Signal Faces and Pedestrian Signal Faces

Modify standard specification 658.2.2.1(1) to include the following:

Furnish Eagle Polycarbonate Vehicle Signal (SA)

Modify standard specification 658.2.3.1(1) to include the following:

Furnish Eagle Polycarbonate Pedestrian Signal

102. Luminaires Utility LED Type A

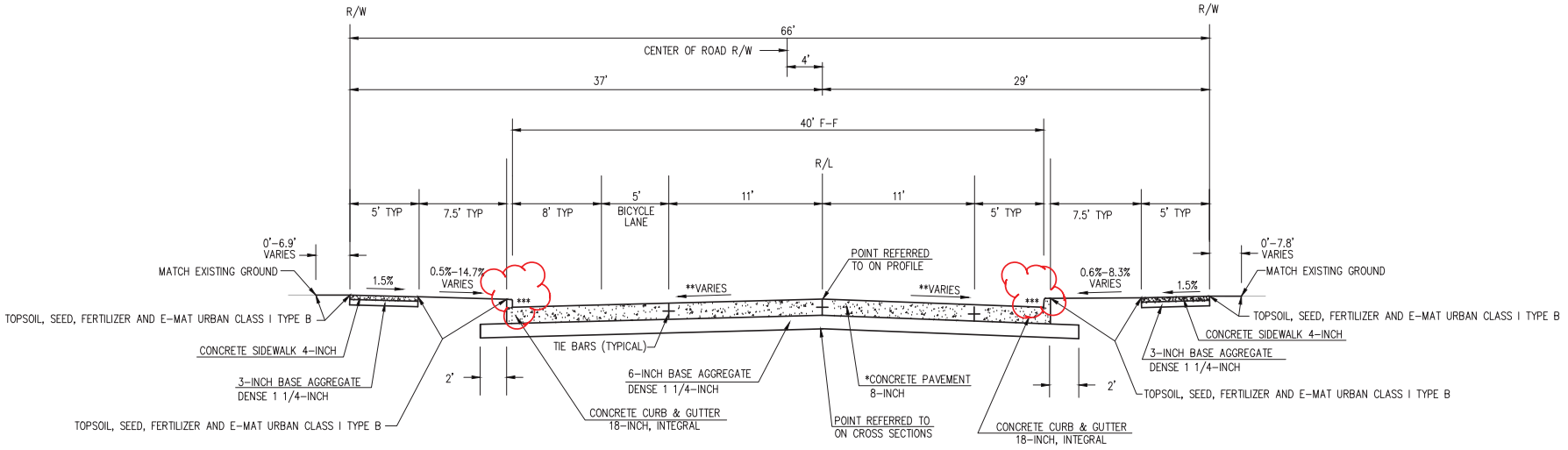
Modify standard specification 659.2 (1) to include the following:

Furnish Cooper Lighting LED Luminaire Model NVN-AE-03-E-U-T3R

Schedule of Items
Attached, dated March 2, 2016, are the revised Schedule of Items Pages 1 – 26.

Plan Sheets
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 7 – 9, 17, 25, 26, 28, 29, 70, 83 - 85, 97, 100, 101, 103, 105, and 203 – 243.
Added: 72A, 204A, and 205A.

END OF ADDENDUM



**CROSS SLOPE VARIES. SEE PAVING DETAILS
*** CURB PAN CROSS SLOPE TO MATCH ADJACENT PAVEMENT CROSS SLOPE

N. MAIN STREET PROPOSED TYPICAL SECTION

STA. 9+08 – STA. 36+17.02

*CONCRETE PAVEMENT HES 9-INCH (DOWELED) STA. 9+08- STA. 11+02.28

CONCRETE CURB AND GUTTER INTEGRAL, SPECIAL 12-INCH WIDE CURB HEAD LOCATED AT RADIUS LOCATIONS. SEE PAVING DETAILS FOR MORE INFORMATION.

Addendum No. 01
ID 4994-01-15
Revised Sheet 7
March 2, 2016

PROJECT NO: 4994-01-15	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	TYPICAL SECTIONS	SHEET: 7	E

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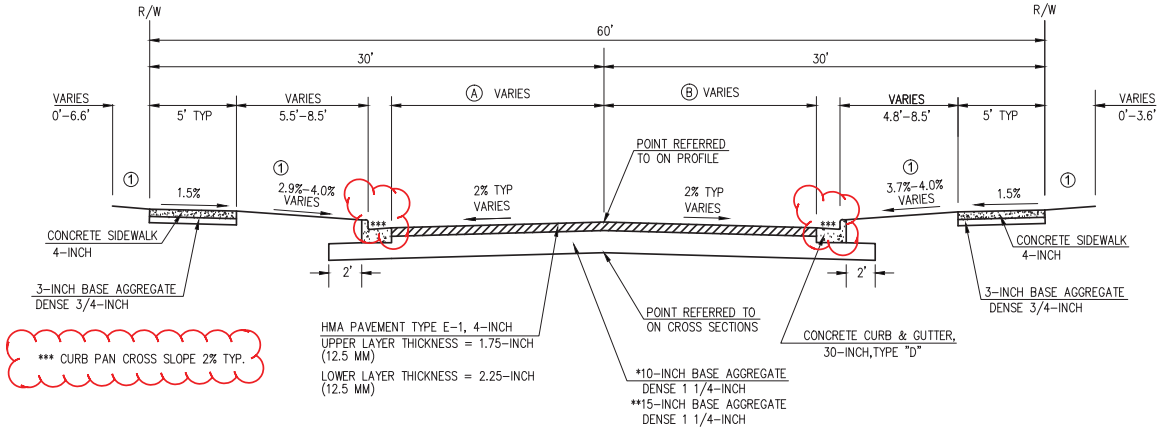
NOTE: MATCH INTO SIDE STREETS WITH 4–INCHES OF ASPHALTIC SURFACE OVER 10–INCHES OF BASE AGGREGATE DENSE, 1 1/4–INCH. SEE PAVING DETAILS FOR LOCATIONS.

① TOPSOIL, FERTILIZER, SEED, AND E–MAT URBAN CLASS I TYPE B

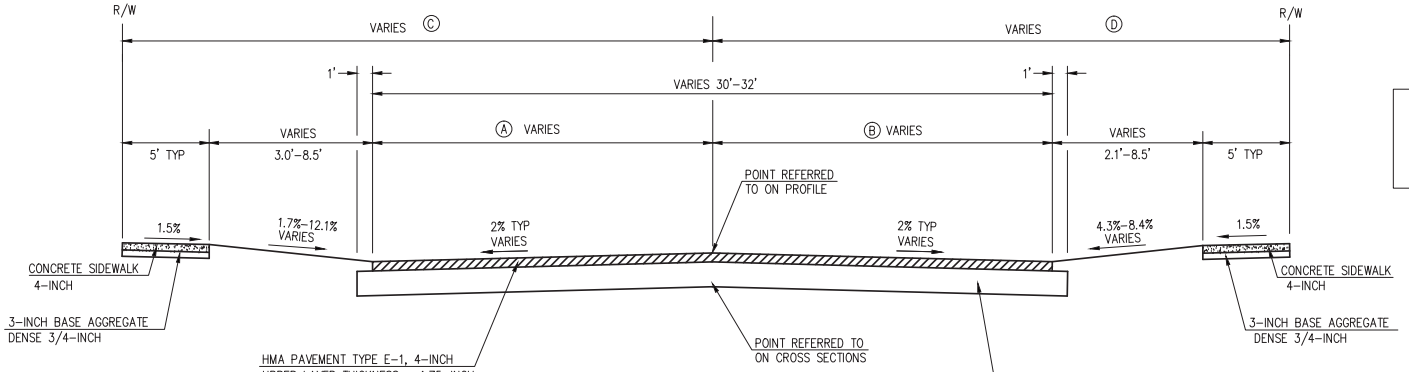


PROPOSED TYPICAL SECTION FOR SIDE STREETS
ASPHALT PAVEMENT (WITH CURB)
NEW YORK (WEST), TENNESSEE
(SEE PAVING DETAILS FOR PAVING LIMITS)

Ⓐ AND Ⓑ = DISTANCE FROM C/L TO EDGE OF PAVEMENT AT THE E.O.R.

STREET NAME	Ⓐ	Ⓑ
**NEW YORK AVE WEST	17	17
*TENNESSEE AVE	14	14

CONCRETE CURB AND GUTTER INTEGRAL, SPECIAL 12–INCH WIDE CURB HEAD LOCATED AT RADIUS LOCATIONS. SEE PAVING DETAILS FOR MORE INFORMATION.



PROPOSED TYPICAL SECTION FOR SIDE STREETS
ASPHALT PAVEMENT (NO CURB)
BENT, HURON
(SEE PAVING DETAILS FOR PAVING LIMITS)

Ⓐ AND Ⓑ = DISTANCE FROM C/L TO EDGE OF PAVEMENT AT THE E.O.R.

STREET NAME	Ⓐ	Ⓑ	Ⓒ	Ⓓ
BENT AVE	16'	16'	30'	30'
HURON AVE	15'	15'	25'	25'

Addendum No. 01
ID 4994-01-15
Revised Sheet 8
March 2, 2016

PROJECT NO: 4994–01–15	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	TYPICAL SECTIONS	SHEET: 8	E

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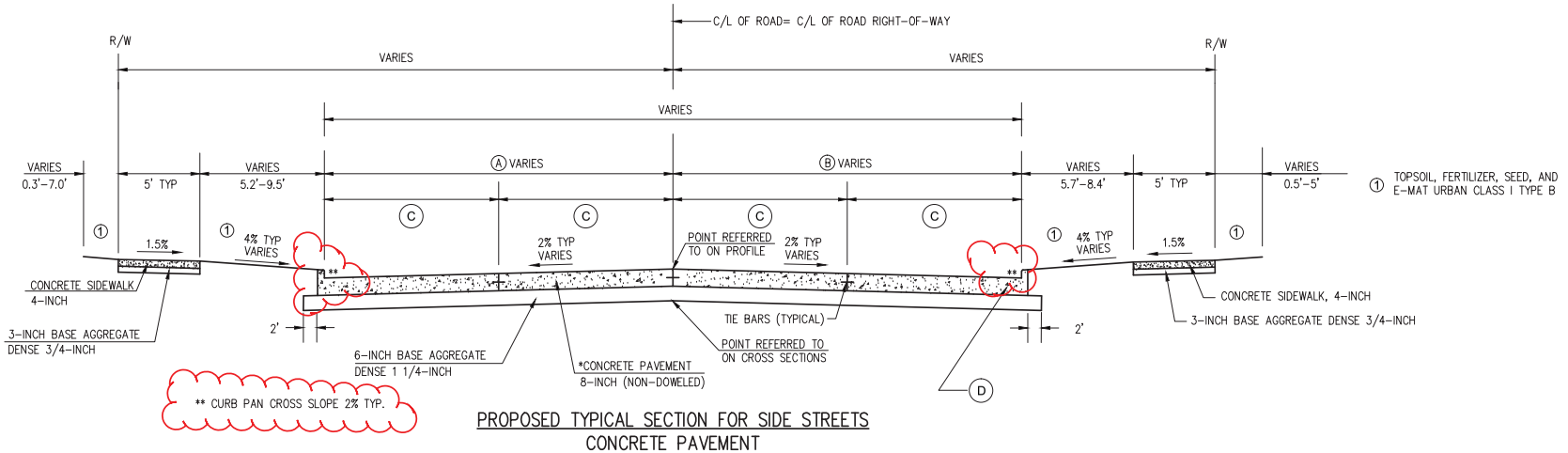

PROPOSED TYPICAL SECTION FOR SIDE STREETS
CONCRETE PAVEMENT
NEW YORK (EAST), HARRISON, CUSTER, NEVADA

(SEE PAVING DETAILS FOR PAVING LIMITS)

*NOTE: CONCRETE PAVEMENT HES 9-INCH (DOWELED) REQUIRED STA. 9+37.55 – STA. 10+78 NEW YORK AVE. AND STA. 10+00 – STA. 12+17.40 HARRISON ST. REFER TO THE PAVING DETAILS FOR MORE INFORMATION.

STREET NAME	(A)	(B)	(C)	(D) CONCRETE CURB & GUTTER:
NEW YORK AVE. EAST	19'	19'	9.5'	INTEGRAL 18-INCH
HARRISON ST.	21'	21'	10.5'	INTEGRAL 18-INCH
CUSTER AVE. WEST	16'	16'	8'	30-INCH TYPE A
CUSTER AVE. EAST	16'	16'	8'	INTEGRAL 18-INCH
NEVADA AVE. WEST	16'	16'	8'	INTEGRAL 18-INCH
NEVADA AVE. EAST	16'	16'	8'	INTEGRAL 18-INCH

(A) AND (B) = DISTANCE FROM C/L TO CURB FACE

(C) = ¼ OF TOTAL PAVEMENT WIDTH (F-F)

NOTES:
1. MATCH EXISTING JOINT SPACING, LONGITUDINAL JOINT SPACING SHALL NOT EXCEED 15-FT.
2. WIDTHS OF SIDE STREETS ARE AT THE E.O.R.

   CONCRETE CURB AND GUTTER INTEGRAL, SPECIAL 12-INCH WIDE CURB HEAD LOCATED AT RADIUS LOCATIONS. SEE PAVING DETAILS FOR MORE INFORMATION.

Addendum No. 01
ID 4994-01-15
Revised Sheet 9
March 2, 2016

PROJECT NO: 4994-01-15	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	TYPICAL SECTIONS	SHEET: 9	E

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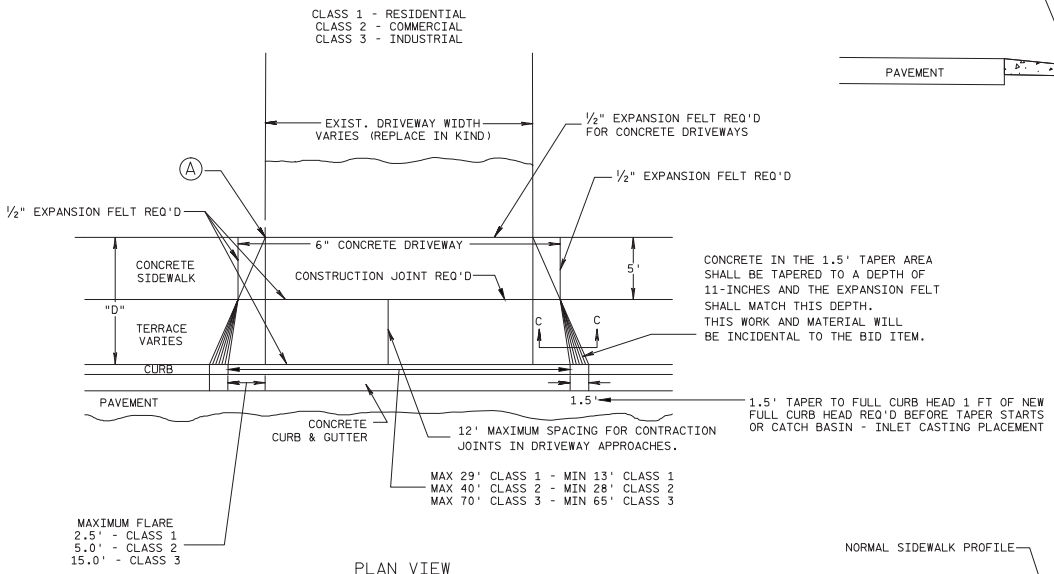
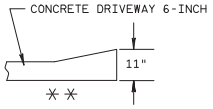
DRIVEWAY ENTRANCE DETAIL WITH SIDEWALK, CURB & GUTTER



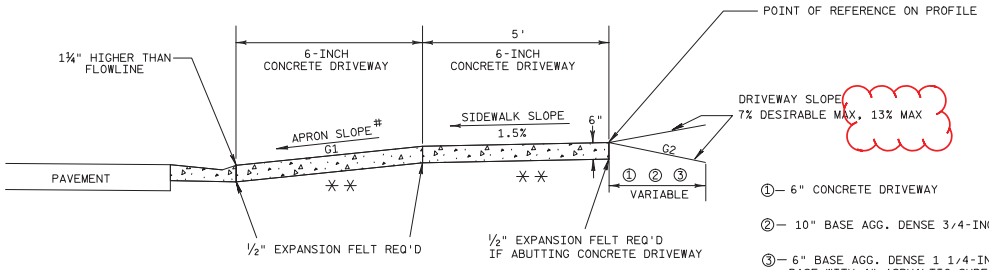
CONCRETE IN THE 1.5' TAPER AREA SHALL BE TAPERED TO A DEPTH OF 11-INCHES AND THE EXPANSION FELT SHALL MATCH THIS DEPTH. THIS WORK AND MATERIAL WILL BE INCIDENTAL TO THE BID ITEM.

1.5' TAPER TO FULL CURB HEAD 1 FT OF NEW FULL CURB HEAD REQ'D BEFORE TAPER STARTS OR CATCH BASIN - INLET CASTING PLACEMENT

PLAN VIEW



SECTION C-C



TYPICAL SIDEWALK SECTION

① — 6" CONCRETE DRIVEWAY

② — 10" BASE AGG. DENSE 3/4-INCH

③ — 6" BASE AGG. DENSE 1 1/4-INCH BASE WITH 4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

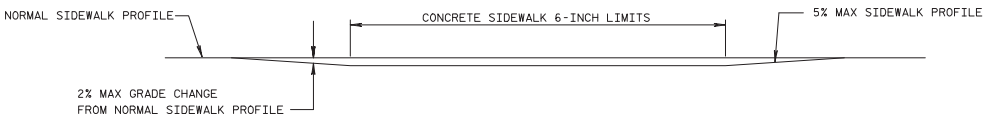
✳✳ = 6" BASE AGG. DENSE 1 1/4-INCH REQ'D UNDER CONCRETE DRWY

\#

TERRACE WIDTH	APRON SLOPE (G1) MIN %	DESIRABLE %	MAX %
3 FT	7.0	8.5	9.0
4 FT	5.0	7.0	9.0
5 FT	4.0	7.0	9.0
6 FT	4.0	7.0	9.0
7 FT	3.5	9.0	12.0
8 FT	3.0	9.0	12.0

NOTE: ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 TO NOT EXCEED 15%

*DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE

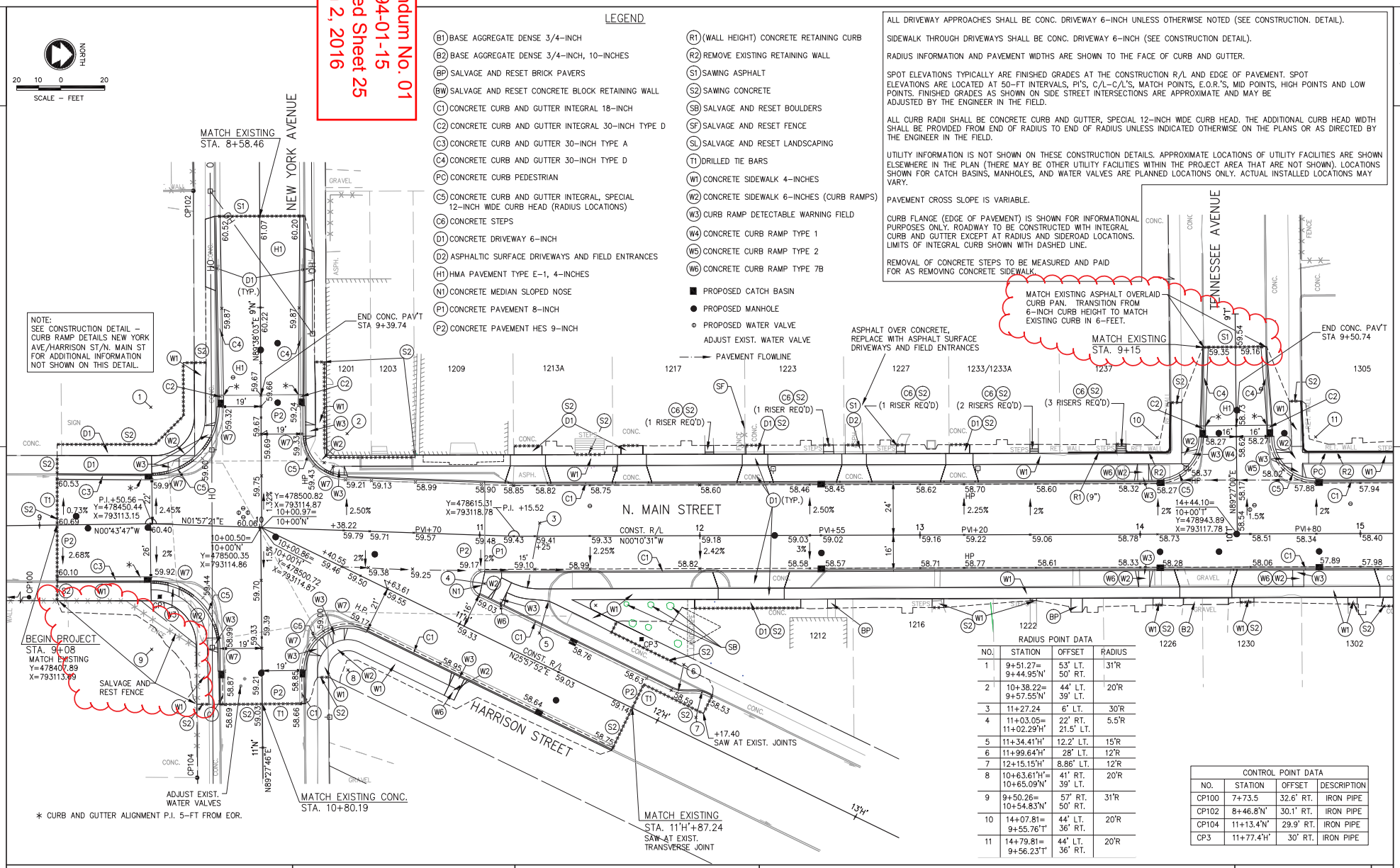


DEPRESSED SIDEWALK PROFILE DETAIL

Addendum No. 01
ID 4994-01-15
Revised Sheet 17
March 2, 2016

PROJECT NO: 4994-01-15	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CONSTRUCTION DETAIL	SHEET: 17	E

Addendum No. 01
ID 4994-01-15
Revised Sheet 25
March 2, 2016



LEGEND

- (B1) BASE AGGREGATE DENSE 3/4-INCH
- (B2) BASE AGGREGATE DENSE 3/4-INCH, 10-INCHES
- (BP) SALVAGE AND RESET BRICK PAVERS
- (BW) SALVAGE AND RESET CONCRETE BLOCK RETAINING WALL
- (C1) CONCRETE CURB AND GUTTER INTEGRAL 18-INCH
- (C2) CONCRETE CURB AND GUTTER INTEGRAL 30-INCH TYPE D
- (C3) CONCRETE CURB AND GUTTER 30-INCH TYPE A
- (C4) CONCRETE CURB AND GUTTER 30-INCH TYPE D
- (PC) CONCRETE CURB PEDESTRIAN
- (C5) CONCRETE CURB AND GUTTER INTEGRAL, SPECIAL 12-INCH WIDE CURB HEAD (RADIUS LOCATIONS)
- (C6) CONCRETE STEPS
- (D1) CONCRETE DRIVEWAY 6-INCH
- (D2) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (H1) HMA PAVEMENT TYPE E-1, 4-INCHES
- (N1) CONCRETE MEDIAN SLOPED NOSE
- (P1) CONCRETE PAVEMENT 8-INCH
- (P2) CONCRETE PAVEMENT HES 9-INCH
- (R1) (WALL HEIGHT) CONCRETE RETAINING CURB
- (R2) REMOVE EXISTING RETAINING WALL
- (S1) SAWING ASPHALT
- (S2) SAWING CONCRETE
- (SB) SALVAGE AND RESET BOULDERS
- (SF) SALVAGE AND RESET FENCE
- (SL) SALVAGE AND RESET LANDSCAPING
- (T1) DRILLED TIE BARS
- (W1) CONCRETE SIDEWALK 4-INCHES
- (W2) CONCRETE SIDEWALK 6-INCHES (CURB RAMPS)
- (W3) CURB RAMP DETECTABLE WARNING FIELD
- (W4) CONCRETE CURB RAMP TYPE 1
- (W5) CONCRETE CURB RAMP TYPE 2
- (W6) CONCRETE CURB RAMP TYPE 7B
- ■ PROPOSED CATCH BASIN
- ● PROPOSED MANHOLE
- ⊕ PROPOSED WATER VALVE
- ADJUST EXIST. WATER VALVE
- PAVEMENT FLOWLINE

ALL DRIVEWAY APPROACHES SHALL BE CONC. DRIVEWAY 6-INCH UNLESS OTHERWISE NOTED (SEE CONSTRUCTION. DETAIL).

SIDEWALK THROUGH DRIVEWAYS SHALL BE CONC. DRIVEWAY 6-INCH (SEE CONSTRUCTION DETAIL).

RADIUS INFORMATION AND PAVEMENT WIDTHS ARE SHOWN TO THE FACE OF CURB AND GUTTER.

SPOT ELEVATIONS TYPICALLY ARE FINISHED GRADES AT THE CONSTRUCTION R/L AND EDGE OF PAVEMENT. SPOT ELEVATIONS ARE LOCATED AT 50-FT INTERVALS, PI'S, C/L-C/L'S, MATCH POINTS, E.O.R.'S, MID POINTS, HIGH POINTS AND LOW POINTS. FINISHED GRADES AS SHOWN ON SIDE STREET INTERSECTIONS ARE APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD.

ALL CURB RADII SHALL BE CONCRETE CURB AND GUTTER, SPECIAL 12-INCH WIDE CURB HEAD. THE ADDITIONAL CURB HEAD WIDTH SHALL BE PROVIDED FROM END OF RADIUS TO END OF RADIUS UNLESS INDICATED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE ENGINEER IN THE FIELD.

UTILITY INFORMATION IS NOT SHOWN ON THESE CONSTRUCTION DETAILS. APPROXIMATE LOCATIONS OF UTILITY FACILITIES ARE SHOWN ELSEWHERE IN THE PLAN (THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN). LOCATIONS SHOWN FOR CATCH BASINS, MANHOLES, AND WATER VALVES ARE PLANNED LOCATIONS ONLY. ACTUAL INSTALLED LOCATIONS MAY VARY.

PAVEMENT CROSS SLOPE IS VARIABLE.

CURB FLANGE (EDGE OF PAVEMENT) IS SHOWN FOR INFORMATIONAL PURPOSES ONLY. ROADWAY TO BE CONSTRUCTED WITH INTEGRAL CURB AND GUTTER EXCEPT AT RADIUS AND SIDEROAD LOCATIONS. LIMITS OF INTEGRAL CURB SHOWN WITH DASHED LINE.

REMOVAL OF CONCRETE STEPS TO BE MEASURED AND PAID FOR AS REMOVING CONCRETE SIDEWALK.

RADIUS POINT DATA

NO.	STATION	OFFSET	RADIUS
1	9+51.27= 9+44.95'N'	53' LT. 50' RT.	31'R
2	10+38.22= 9+57.55'N'	44' LT. 39' LT.	20'R
3	11+27.24	6' LT.	30'R
4	11+03.05= 11+02.29'H'	22' RT. 21.5' LT.	5.5'R
5	11+34.41'H'	12.2' LT.	15'R
6	11+99.64'H'	28' LT.	12'R
7	12+15.15'H'	8.86' LT.	12'R
8	10+63.61'H'= 10+65.09'N'	41' RT. 39' LT.	20'R
9	9+50.26= 10+54.83'N'	57' RT. 50' RT.	31'R
10	14+07.81= 9+55.76'T'	44' LT. 36' RT.	20'R
11	14+79.81= 9+56.23'T'	44' LT. 36' RT.	20'R

CONTROL POINT DATA

NO.	STATION	OFFSET	DESCRIPTION
CP100	7+73.5	32.6' RT.	IRON PIPE
CP102	8+46.8'N'	30.1' RT.	IRON PIPE
CP104	11+13.4'N'	29.9' RT.	IRON PIPE
CP3	11+77.4'H'	30' RT.	IRON PIPE

PROJECT NO: 4994-01-15	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	PAVING AND HORIZONTAL ALIGNMENT DETAILS	SHEET: 25	E

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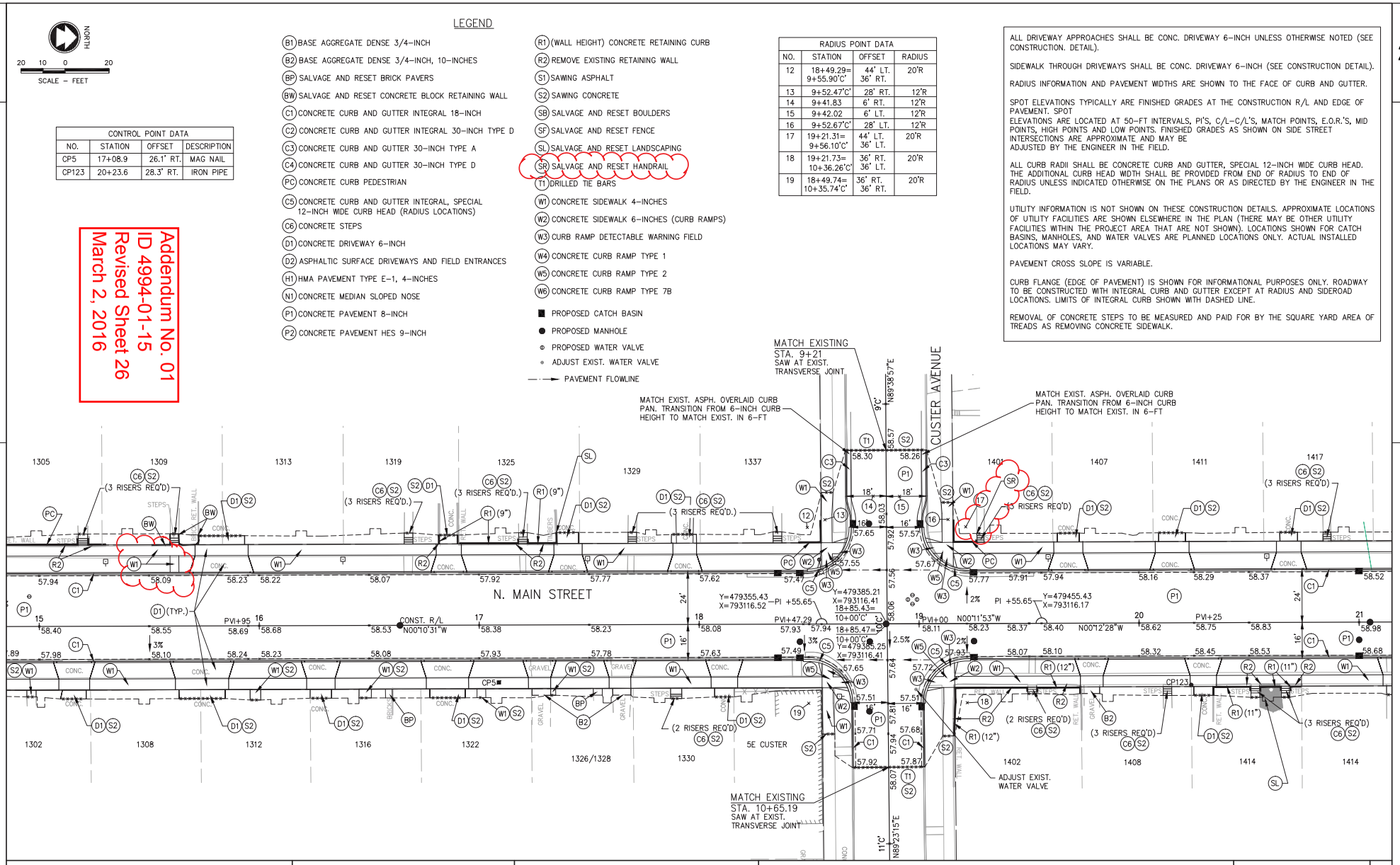
NORTH
20 10 0 20
SCALE – FEET
LEGEND
(B1) BASE AGGREGATE DENSE 3/4–INCH
(B2) BASE AGGREGATE DENSE 3/4–INCH, 10–INCHES
(BP) SALVAGE AND RESET BRICK PAVERS
(BW) SALVAGE AND RESET CONCRETE BLOCK RETAINING WALL
(C1) CONCRETE CURB AND GUTTER INTEGRAL 18–INCH
(C2) CONCRETE CURB AND GUTTER INTEGRAL 30–INCH TYPE D
(C3) CONCRETE CURB AND GUTTER 30–INCH TYPE A
(C4) CONCRETE CURB AND GUTTER 30–INCH TYPE D
(PC) CONCRETE CURB PEDESTRIAN
(C5) CONCRETE CURB AND GUTTER INTEGRAL, SPECIAL 12–INCH WIDE CURB HEAD (RADIUS LOCATIONS)
(C6) CONCRETE STEPS
(D1) CONCRETE DRIVEWAY 6–INCH
(D2) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
(H1) HMA PAVEMENT TYPE E–1, 4–INCHES
(N1) CONCRETE MEDIAN SLOPED NOSE
(P1) CONCRETE PAVEMENT 8–INCH
(P2) CONCRETE PAVEMENT HES 9–INCH
(R1) (WALL HEIGHT) CONCRETE RETAINING CURB
(R2) REMOVE EXISTING RETAINING WALL
(S1) SAWING ASPHALT
(S2) SAWING CONCRETE
(SB) SALVAGE AND RESET BOULDERS
(SF) SALVAGE AND RESET FENCE
(SL) SALVAGE AND RESET LANDSCAPING
(SR) SALVAGE AND RESET HANDRAIL
(T1) DRILLED TIE BARS
(W1) CONCRETE SIDEWALK 4–INCHES
(W2) CONCRETE SIDEWALK 6–INCHES (CURB RAMPS)
(W3) CURB RAMP DETECTABLE WARNING FIELD
(W4) CONCRETE CURB RAMP TYPE 1
(W5) CONCRETE CURB RAMP TYPE 2
(W6) CONCRETE CURB RAMP TYPE 7B
PROPOSED CATCH BASIN
PROPOSED MANHOLE
PROPOSED WATER VALVE
ADJUST EXIST. WATER VALVE
PAVEMENT FLOWLINE
CONTROL POINT DATA
NO. STATION OFFSET DESCRIPTION
CP5 17+08.9 26.1' RT. MAG NAIL
CP123 20+23.6 28.3' RT. IRON PIPE
RADIUS POINT DATA
NO. STATION OFFSET RADIUS
12 18+49.29= 9+55.90'C' 44' LT. 36' RT. 20'R
13 9+52.47'C' 28' RT. 12'R
14 9+41.83 6' RT. 12'R
15 9+42.02 6' LT. 12'R
16 9+52.67'C' 28' LT. 12'R
17 19+21.31= 9+56.10'C' 44' LT. 36' LT. 20'R
18 19+21.73= 10+36.26'C' 36' RT. 36' LT. 20'R
19 18+49.74= 10+35.74'C' 36' RT. 36' RT. 20'R
ALL DRIVEWAY APPROACHES SHALL BE CONC. DRIVEWAY 6–INCH UNLESS OTHERWISE NOTED (SEE CONSTRUCTION. DETAIL).
SIDEWALK THROUGH DRIVEWAYS SHALL BE CONC. DRIVEWAY 6–INCH (SEE CONSTRUCTION DETAIL).
RADIUS INFORMATION AND PAVEMENT WIDTHS ARE SHOWN TO THE FACE OF CURB AND GUTTER.
SPOT ELEVATIONS TYPICALLY ARE FINISHED GRADES AT THE CONSTRUCTION R/L AND EDGE OF PAVEMENT. SPOT ELEVATIONS ARE LOCATED AT 50–FT INTERVALS, PI'S, C/L–C/L'S, MATCH POINTS, E.O.R.'S, MID POINTS, HIGH POINTS AND LOW POINTS. FINISHED GRADES AS SHOWN ON SIDE STREET INTERSECTIONS ARE APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD.
ALL CURB RADII SHALL BE CONCRETE CURB AND GUTTER, SPECIAL 12–INCH WIDE CURB HEAD. THE ADDITIONAL CURB HEAD WIDTH SHALL BE PROVIDED FROM END OF RADIUS TO END OF RADIUS UNLESS INDICATED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE ENGINEER IN THE FIELD.
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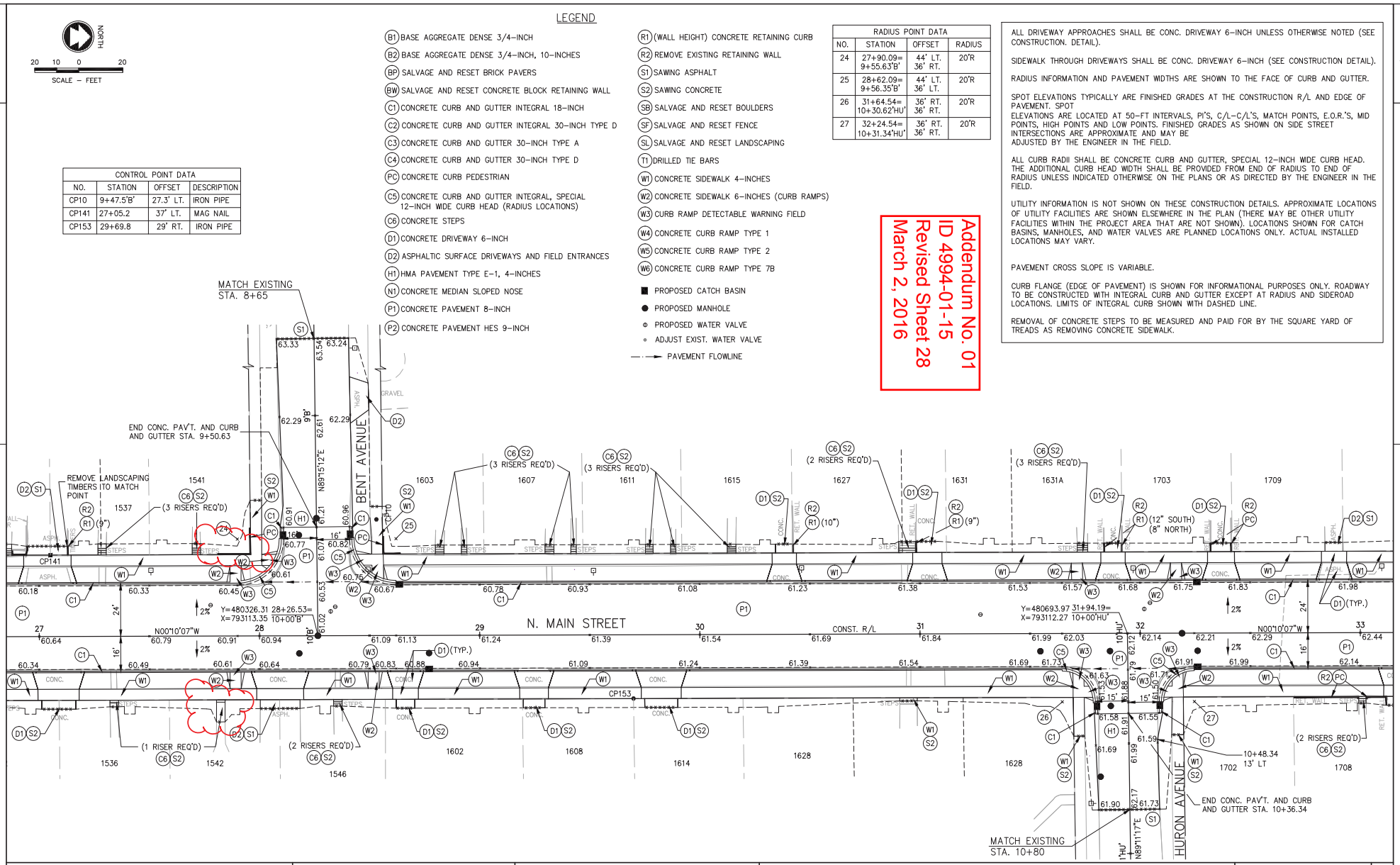
PAVEMENT CROSS SLOPE IS VARIABLE.
CURB FLANGE (EDGE OF PAVEMENT) IS SHOWN FOR INFORMATIONAL PURPOSES ONLY. ROADWAY TO BE CONSTRUCTED WITH INTEGRAL CURB AND GUTTER EXCEPT AT RADIUS AND SIDEROAD LOCATIONS. LIMITS OF INTEGRAL CURB SHOWN WITH DASHED LINE.
REMOVAL OF CONCRETE STEPS TO BE MEASURED AND PAID FOR BY THE SQUARE YARD AREA OF TREADS AS REMOVING CONCRETE SIDEWALK.
Addendum No. 01
ID 4994-01-15
Revised Sheet 26
March 2, 2016
MATCH EXISTING
STA. 9+21
SAW AT EXIST.
TRANSVERSE JOINT
MATCH EXIST. ASPH. OVERLAID CURB PAN. TRANSITION FROM 6–INCH CURB HEIGHT TO MATCH EXIST. IN 6–FT
CUSTER AVENUE
N. MAIN STREET
CONST. R/L
N00°10'31"W
N00°11'53"W
N00°12'28"W
PI +55.65
PI +47.29
PVI+95
PVI+00
PVI+25
Y=479355.43
X=793116.52
Y=479385.21
X=793116.41
Y=479455.43
X=793116.17
18+85.43=
10+00'C'
(3 RISERS REQ'D.)
(3 RISERS REQ'D)
(2 RISERS REQ'D)
(TYP.)
5E CUSTER
CP5
CP123
ADJUST EXIST.
WATER VALVE
MATCH EXISTING
STA. 10+65.19
SAW AT EXIST.
TRANSVERSE JOINT
N89°38'57"E
N89°23'15"E
PROJECT NO: 4994–01–15
HWY: N. MAIN STREET
COUNTY: WINNEBAGO
PAVING AND HORIZONTAL ALIGNMENT DETAILS
SHEET: 26
E
skelliher, W:\PROJECTS\00005\830103\01– Plan Preparation\02–Pavement Details\02 PAVING DETAILS.dwg, 02 paving details, Plot Date: 2/29/2016 1:57 PM, xrefs: (x–existing main street, x–proposed, x–main street rw comps hpa, flohrs valves)



PROJECT NO: 4994–01–15	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	PAVING AND HORIZONTAL ALIGNMENT DETAILS	SHEET: 28	E

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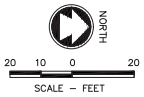

CONTROL POINT DATA			
NO.	STATION	OFFSET	DESCRIPTION
CP13	37+05.3	36.5' LT.	MAG NAIL
CP14	39+93.2	36.2' LT.	MAG NAIL

RADIUS POINT DATA			
NO.	STATION	OFFSET	RADIUS
28	36+07.61	59.03' LT.	32.9'R

LEGEND

- (B1) BASE AGGREGATE DENSE 3/4–INCH
- (B2) BASE AGGREGATE DENSE 3/4–INCH, 10–INCHES
- (BP) SALVAGE AND RESET BRICK PAVERS
- (BW) SALVAGE AND RESET CONCRETE BLOCK RETAINING WALL
- (C1) CONCRETE CURB AND GUTTER INTEGRAL 18–INCH
- (C2) CONCRETE CURB AND GUTTER INTEGRAL 30–INCH TYPE D
- (C3) CONCRETE CURB AND GUTTER 30–INCH TYPE A
- (C4) CONCRETE CURB AND GUTTER 30–INCH TYPE D
- (PC) CONCRETE CURB PEDESTRIAN
- (C5) CONCRETE CURB AND GUTTER INTEGRAL, SPECIAL 12–INCH WIDE CURB HEAD (RADIUS LOCATIONS)
- (C6) CONCRETE STEPS
- (D1) CONCRETE DRIVEWAY 6–INCH
- (D2) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- (H1) HMA PAVEMENT TYPE E–1, 4–INCHES
- (N1) CONCRETE MEDIAN SLOPED NOSE
- (P1) CONCRETE PAVEMENT 8–INCH
- (P2) CONCRETE PAVEMENT HES 9–INCH
- (R1) (WALL HEIGHT) CONCRETE RETAINING CURB
- (R2) REMOVE EXISTING RETAINING WALL
- (S1) SAWING ASPHALT
- (S2) SAWING CONCRETE
- (SB) SALVAGE AND RESET BOULDERS
- (SF) SALVAGE AND RESET FENCE
- (SL) SALVAGE AND RESET LANDSCAPING
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- (W1) CONCRETE SIDEWALK 4–INCHES
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- (W5) CONCRETE CURB RAMP TYPE 2
- (W6) CONCRETE CURB RAMP TYPE 7B
- ■ PROPOSED CATCH BASIN
- ● PROPOSED MANHOLE
- ⊕ PROPOSED WATER VALVE
- ⊕ ADJUST EXIST. WATER VALVE
- PAVEMENT FLOWLINE

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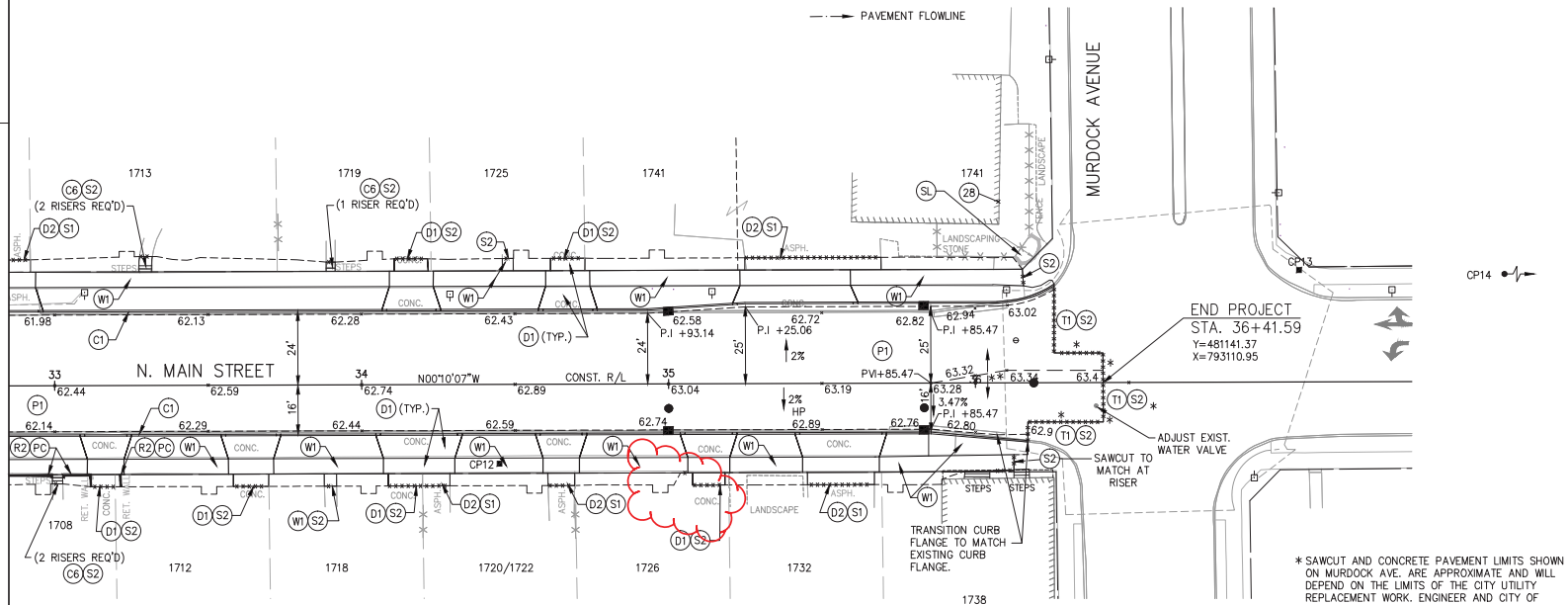

* SAWCUT AND CONCRETE PAVEMENT LIMITS SHOWN ON MURDOCK AVE. ARE APPROXIMATE AND WILL DEPEND ON THE LIMITS OF THE CITY UTILITY REPLACEMENT WORK. ENGINEER AND CITY OF OSHKOSH WILL DETERMINE EXACT LIMITS AT THE TIME OF CONSTRUCTION.

** BEGIN PAVEMENT CROWN OFFSET STA. 35+85.47. MATCH INTO EXISTING PAVEMENT AT STA. 36+41.59.

Addendum No. 01
ID 4994-01-15
Revised Sheet 29
March 2, 2016

PROJECT NO: 4994–01–15	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	PAVING AND HORIZONTAL ALIGNMENT DETAILS	SHEET: 29	E

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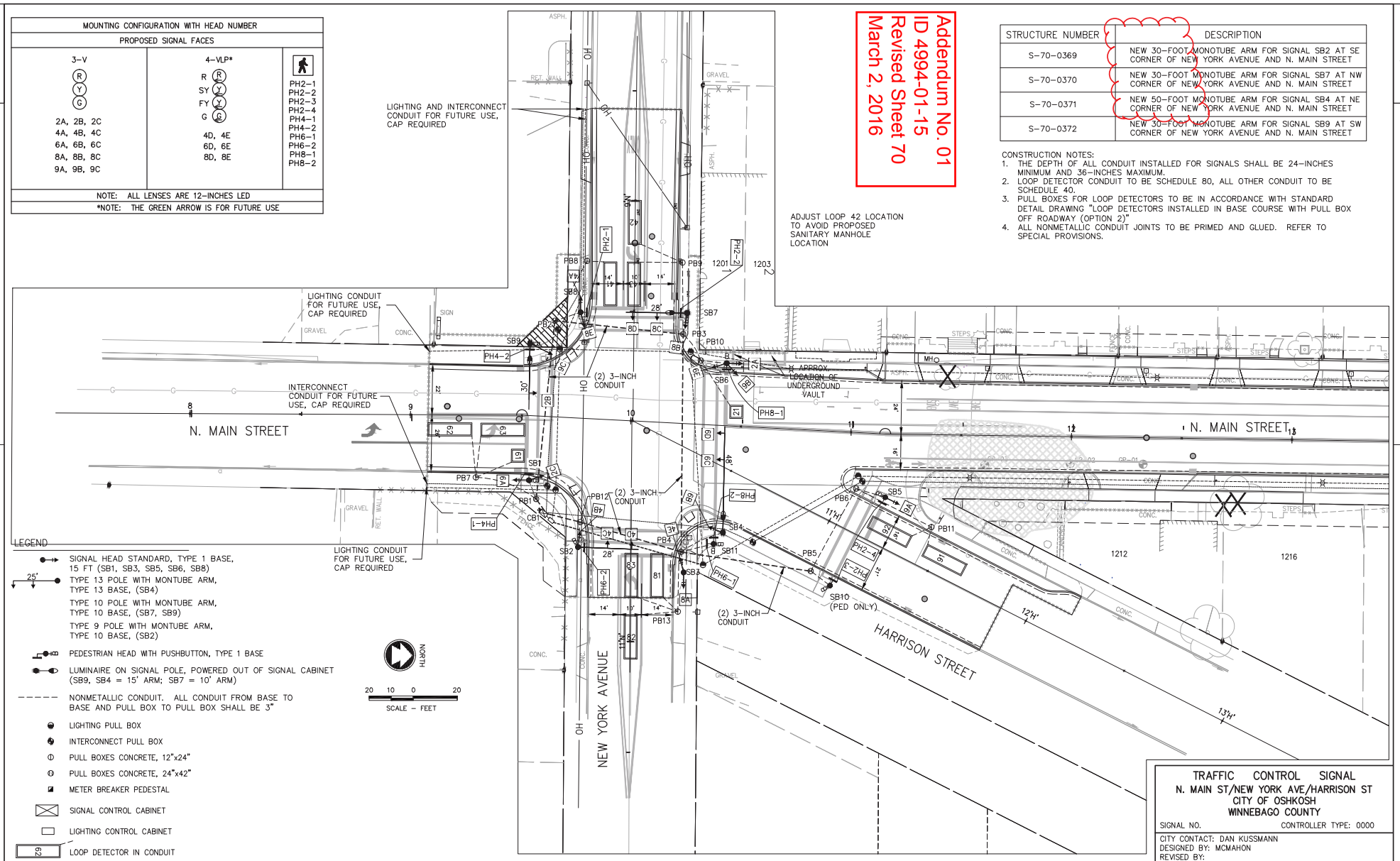

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INTERSECTION OF N. MAIN ST/NEW YORK AVE/HARRISON ST TRAFFIC SIGNAL EQUIPMENT
(LIST OF MATERIALS TO BE PROVIDED BY THE CITY OF OSHKOSH)

VENDOR

Item No.	Description	Unit	Quantity
373-01299	Signal Equipment	Each	1
861-00001	Anodize Black	Each	1
203-00014	Base,Aluminum Square Pedestal, BLACK Door, SP-5444-PNC	Each	7
373-1080	Standard Aluminum Pole,10' Sch 80,4.5"OD BLACK 6061-T6, T.O.E. Stamped	Each	2
373-1580	Standard Aluminum Pole,15' Sch 80 BLACK 6061-T6 4.5" O.D., T.O.E. Stamped	Each	5
203-00010	Cap, for 4.5" O.D. Pole, 4C Signal BLACK with 1/4x3/4 -20 stainless steel hex head Bolts	Each	7
373-TYPE 9B	Monotube Black Type 9 WISDOT	Each	1
373-TYPE 10B	Monotube Black Pole Type 10 WisDot	Each	2
373-TYPE 13B	Monotube Black Pole Type 13 WisDot	Each	1
201-0030B	Montoube Black Arm 30ft WisDot	Each	3
201-0050B	Monotube Black Arm 50ft WisDot	Each	1
118935B	10ft Black Steel Luminaire Arm for Monotube Pole	Each	1
105523B	15ft Black Steel Luminaire Arm for Monotube Pole	Each	2
128955	Cooper OVH-E03-LED-E-U-SL3-BK 150W w/ New E Chip and SL3 DIST LED Roadway Fixture	Each	3
2505-00066	Bull Dog,Pushbutton,Black, NO LED	Each	9
2505-00089	Universal Bull Dog Pole Mount (Black) BDPM3-B	Each	9
373-06614	R10-3ELWI,9"x15",HIP,Start Crossing..Don't Start.. Don't Cross...To Cross w/Left Arrow,Push Button	Each	5
373-06615	R10-3ERWI,9"x15" HIP,Start Crossing...on't Start.. Don't Cross...To Cross...w/Right Arrow,Push Button	Each	4
035-00008	Flared Leg Bracket, No Bolt, no Washer D02299	Each	18
035-00010	Bolt, 5/16-18"x3/4" HEX S/S G5 vmi	Each	18
122-3103BT	3 Sec 12" Black Vert No Lenses Polytun Vsr SA103A1C11BBB30-00	Each	15
220-5XST	WisDOT LED 12" Red Ball with Spades, 433-1210-003XLWI, signal head module	Each	15
220-10XST	WisDOT LED 12" Amber Ball With Spades, 433-3230-901XLWI, signal head module	Each	15
220-19XST	WisDOT LED 12" Green Ball With Spades 433-2220-001XLWI, signal head module	Each	15
122-4104BT	4 Sec 12" Black Vert No Lenses Poly Tun Vsr SA104A1C11BBB40-18	Each	6
220-18XST	WisDOT LED 12" Red Arrow, New ITE 4321314001XODWI, signal head module	Each	6
220-14XST	WisDOT LED 12" Amber Arrow 431-3334-901XODWI, signal head module	Each	12
220-17XST	WisDOT LED 12" Green Arrow, 432-2324-001XODWI, signal head module	Each	6
122-BPD503AN	Backplate 3 Sec 12-Poly/Sa BPD503ANF	Each	15
290-00011	Backplate Screw, 1/2" & Washer w/FW-SS# 10 & PPAS100.5	Each	180
122-BPD504AN	Backplate 4 SEC 12-POLY/SA BPD504ANF	Each	6

VENDOR

Item No.	Description	Unit	Quantity
290-00011	Backplate Screw, 1/2" & Washer w/FW-SS# 10 & PPAS100.5	Each	96
122-50BST	16" Ped Body Black Egg Crate Visor SG7SZ10C1BBF10-04 Poly No Lens	Each	10
220-49XST	WisDOT 16" Countdown Combo with Filled Hand & Person, 430-6479-001XWI	Each	10
373-12574	Signal Mounting Hardware	KIT	1
290-0060B	Black Astro Signal Brac for 3 Sec AB-0116-3-56	Each	6
290-0061B	Black Astro Brac 4 Sec Signal AB-0116-4-56	Each	1
122-FR1JPBWI	Bracket,Tapco, Poly Black 2 FR1JPBWI	Each	24
2574-00001	Bracket,Signal,Black Poly,SOP-1	Each	48
217-00004	Nipple Pipe 1.5"X2" Steel, Zinc Plated	Each	48
1168-00005	Locknut #659 Iron Hex Galv 1.5"	Each	48
290-SE0499P02	Pinnacle Black Poly	Each	48
290-SE0354	Washer Flat 1.5" Neoprene	Each	24
373-01416	Controller Equipment	Each	1
122-EL712BLK	Cabinet,EL-712 Flat Black Exterior/White Interior, 56"Hx44"Wx25.5"D - 20828	Each	1
122-TF4016	Terminal Facility,TF4016	Each	1
122-TF4050	Terminal Facility,TF4050 Power	Each	1
068-00006	Switch DPDT O4M4777 Manu # 7565K5	Each	5
068-00007	Switch 3PDT 21F910	Each	2
068-00008	Switch, DPDT Center Off 04M4774 Manu # 7563K4	Each	1
068-00009	Switch Call/Cutout 77B8350 PAS03286 2-1571920-4	Each	12
221-SPA100T	MOV, SPA 100T Lightning Arrestor	Each	2
373-1ST	Loadswitch Discrete Nema WisDOT Model# SSS-86-3	Each	16
373-2ST	Flasher Discrete Nema WisDot Model# SSF-86-3	Each	1
122-PAR2018	Relay Flash Transfer PAR 2018 W21ACPX-2 / 21XBXP	Each	6
395-00302	Detector,Loop LM302T/MS 2 Channel	Each	6
122-080ST	WisDOT EPAC3608M52 SEPAC ECOM,Signal Controller W/Cables & Harnesses 8130-0402-001	Each	1
395-MMU216LEIP	Malfunction Management Unit,MMU2-16LEip use with traffic controller	Each	1
122-PNC7	Thermostat, Heater (PNC-7)	Each	1
700-00001	Heater,250 Watt, 125 Volt, #2763 for use in traffic signal cabinet	Each	1
100102001	Fan & Thermostat Kit 00100102001	Each	1
373-32401	Pole Plaque,3"x24" W/ White Vinyl And Black 3"Series D Die Cuts	Each	4

Addendum No. 01
ID 4994-01-15
Added Sheet 72A
March 2, 2016

EARTHWORK SUMMARY

Division	From/To Station	Location	Common Excavation (1) (item # 205.0100)		Salvaged/Unusable Pavement Material	Available Material (4)	Unexpanded Fill	Expanded Fill (5)	Mass Ordinate +/- (6)	Comment:
			Cut (2)	EBS Excavation (3)				Factor 1.30		
0010	9+08.00 - 36+41.59	N. MAIN ST	7497	0	0	7497	15	20	7478	
	8+58.46 - 9+73.50 & 10+26.50-10+80.19	NEW YORK AVE	378	0	113	265	4	5	260	
	10+50.00 - 11+87.24	HARRISON ST	312	0	99	213	6	8	205	
	9+15.00 - 9+73.50	TENNESSEE AVE	136	0	0	136	0	0	136	
	9+21.00 -9+73.50 & 10+18.50 - 10+65.19	CUSTER AVE	187	0	62	125	0	0	125	
	9+30.00 - 9+73.50 & 10+18.50-10+67	NEVADA AVE	143	0	52	91	0	0	91	
	8+65.00 - 9+73.00	BENT AVE	256	0	0	256	3	4	252	
	10+18.50 - 10+80.00	HURON AVE	117	0	0	117	0	0	117	
	9+08.00 - 36+41.59	DRIVEWAYS	380	0	0	380	0	0	380	
		UNDISTRIBUTED		1503						estimated 30% of mainline
Subtotal			9406	1503	326	9080	28	37	9043	
Grand Total			9406	1503	326	9080	28	37	9043	
		Total Common Exc	**10909**							

NOTES:

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
2) Salvaged/Unusable Pavement Material is included in Cut.
3) EBS Excavation to be backfilled with Breaker Run material.
4) Available Material = Cut - Salvaged/Unusable Pavement Material
5) Expanded Fill Factor = 1.30
6) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus Indicates a shortage of material within the Division.

Addendum No. 01
ID 4994-01-15
Revised Sheet 83
March 2, 2016

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

CONCRETE DRIVEWAY 6-INCH
416.0160

STATION	LOCATION	SY
9+27	LT	40
9+50	LT	57
8+75 NEW YORK AVE	RT	16
8+80 NEW YORK AVE	LT	7
11+22	LT	30
11+70	LT	25
12+20	RT	65
12+25	LT	22
12+70	LT	18
13+18	LT	23
14+30	RT	35
15+15	RT	26
15+72	RT	45
15+82	LT	45
16+27	RT	24
16+86	LT	22
16+86	RT	36
17+30	RT	16
17+40	LT	25
17+67	RT	16
17+93	LT	20
18+12	RT	23
19+68	LT	25
19+77	RT	16
20+15	LT	29
20+28	RT	23
20+68	LT	21
21+22	RT	35
21+65	LT	20
21+80	RT	22
22+34	LT	33
24+18	RT	28
24+53	LT	22
25+04	LT	25
25+04	RT	23
25+54	LT	21
25+54	RT	21
25+71	LT	25
26+03	RT	21
26+54	LT	20
26+54	RT	23
27+03	LT	32
27+10	RT	35
28+09	RT	31
28+66	RT	22
29+24	RT	24
29+82	RT	34
30+37	LT	21
31+03	LT	26
31+87	LT	21
32+36	LT	23
32+87	LT	18
33+16	RT	22
33+64	RT	27
34+16	LT	27
34+18	RT	39
34+64	RT	18
34+67	LT	27
35+18	RT	26
35+41	LT	52
35+56	RT	37
PROJECT TOTAL		1,649

BASE AGGREGATE AND GEOTEXILE FABRIC

STATION	LOCATION	305.0110 DENSE 3/4-INCH TON	305.0120 DENSE 1 1/4-INCH TON	311.0110 BREAKER RUN TON	645.0140 FABRIC TYPE SAS S.Y.
9+08 - 36+41.59	N. MAIN ST	--	5,003	--	--
8+58.46 - 9+39.74	NEW YORK AVE. (WEST)	--	332	--	--
10+65.30 - 10+80.19	NEW YORK AVE. (EAST)	--	24	--	--
10+86.14 - 11+87.24	HARRISON STREET	--	170	--	--
9+15 - 9+50.74	TENNESSEE AVE.	--	78	--	--
9+21 - 9+56	CUSTER AVE. (WEST)	--	52	--	--
10+35.91 - 10+65.19	CUSTER AVE. (EAST)	--	40	--	--
9+30 - 9+55.99	NEVADA AVE. (WEST)	--	36	--	--
10+38.53 - 10+67	NEVADA AVE. (EAST)	--	39	--	--
8+65 - 9+50.63	BENT AVE.	--	191	--	--
10+36.34 - 10+80	HURON AVE.	--	87	--	--
9+08 - 36+41.59	CONCRETE DRIVEWAYS	--	534	--	--
9+08 - 36+41.59	ASPHALT DRIVEWAYS	--	29	--	--
9+08 - 36+41.59	BASE AGG. DRIVEWAYS	9	--	--	--
9+08 - 36+41.59	SIDEWALK AREAS	427	--	--	--
UNDISTRIBUTED EBS AREAS	PROJECT	--	--	3,000	4,000
	PROJECT TOTALS	436	6,614	3,000	4,000

ASPHALTIC PAVEMENT SUMMARY

STATION	LOCATION	465.0105 ASPHALTIC SURFACE TON	455.0605 TACK COAT GAL
8+58.46 - 9+39.75	NEW YORK AVE	76	16
9+15 - 9+50.74	TENNESSEE AVE	25	5
8+65 - 9+50.63	BENT AVE	73	15
10+36.34 - 10+80	HURON AVE	33	7
	PROJECT TOTALS	207	43

CONCRETE PAVEMENT SUMMARY

STATION	LOCATION	415.0080 8-INCH SY	415.1080 HES 8-INCH SY	415.1090 HES 9-INCH SY	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	415.0210 GAPS EACH	CATEGORY 0020 SPV.0180.01 SEALING JOINTS SY
9+08 - 11+02.28	N. MAIN ST	--	--	1,557	20	--	--	1,557
10+65.09 - 10+80.19	NEW YORK AVE (EAST)	--	--	57	16	--	--	57
11+02.29 - 11+87.24	HARRISON ST	--	--	337	30	--	--	337
11+02.28 - 14+44.10	N. MAIN ST	1,498	--	--	--	--	--	1,498
14+44.10 - 18+85.47	N. MAIN ST	2,007	--	--	--	--	--	2,007
9+21 - 9+56	CUSTER AVE (WEST)	120	--	--	15	--	--	120
10+36 - 10+65.19	CUSTER AVE (EAST)	97	--	--	14	--	--	97
18+85.47 - 23+28.15	N. MAIN ST	2,053	--	--	--	--	--	2,053
9+30 - 9+55.74	NEVADA AVE (WEST)	86	--	--	14	--	--	86
10+36.53 - 10+67	NEVADA AVE (EAST)	102	--	--	14	--	--	102
23+28.15 - 28+26.53	N. MAIN ST	2,252	--	--	--	--	--	2,252
28+26.53 - 31+94.19	N. MAIN ST	1,644	--	--	--	--	--	1,644
31+94.19 - 36+41.59	N. MAIN ST	1,914	--	--	37	--	--	1,914
UNDISTRIBUTED	N. MAIN ST	--	300	--	--	80	--	300
--	CUSTER AVE or NEVADA AVE	--	--	--	--	--	2	--
	DRIVEWAY 35+57 RT	--	--	--	--	--	1	--
	PROJECT TOTALS	11,772	300	1,950	160	80	3	14,023

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
465.0120

STATION	LOCATION	TON
12+70	LT	0.8
21+23	RT	2.2
21+65	LT	1.1
22+39	LT	2.0
25+03	RT	1.2
26+55	LT	1.0
27+04	LT	2.0
28+09	RT	1.9
8+93 BENT AVE	LT	3.8
32+88	LT	0.9
34+24	RT	1.0
34+65	RT	0.9
35+47	LT	4.7
35+55	RT	2.3
	PROJECT TOTAL	25.8

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ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

CONCRETE CURB PEDESTRIAN

601.0600

STATION	LOCATION	LF
14+73 - 15+18	LT	68
15+22 - 15+30	LT	11
18+45 - 18+56	LT	20
19+16 - 19+26	LT	21
22+88 - 22+98	LT	21
27+81 - 27+96	LT	23
28+68 - 28+84	LT	16
30+70 - 32+99	RT	30
32+32	LT	4
32+41	LT	4
33+02 - 33+12	RT	13
33+21	RT	4
PROJECT TOTAL		235

SALVAGE AND RESET HANDRAIL

SPV.0060.121

STATION	LOCATION	EA
19+28	LT	1
PROJECT TOTAL		1

CONCRETE SIDEWALK

STATION	LOCATION	602.0405 4-INCH SF	*602.0415 6-INCH SF
**7+45	RT	25	--
9+08 - 10+00	LT	169	216
9+08 - 10+00	RT	499	347
10+00 - 14+42	LT	1,948	99
10+00 - 14+42	RT	241	367
14+42 - 18+85	LT	1,847	213
14+42 - 18+85	RT	1,746	130
18+85 - 23+30	LT	1,796	188
18+85 - 23+30	RT	1,925	186
23+30 - 28+20	LT	2,053	171
23+30 - 28+20	RT	1,988	135
28+20 - 31+95	LT	1,618	146
28+20 - 31+95	RT	1,632	114
31+95 - 36+50	LT	1,686	49
31+95 - 36+50	RT	1,569	74
PROJECT TOTALS		20,711	2,435

NOTE: INCLUDES SIDEROADS
* 6-INCH SIDEWALK USED AT CURB RAMPS
**FOR SIGN LOCATION 1-1

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

602.0515

INTERSECTION	LOCATION	SF
NEW YORK AVE	NW QUAD	16
NEW YORK AVE	NE QUAD	16
NEW YORK AVE	SW QUAD	16
NEW YORK AVE	SE QUAD	16
HARRISON ST	11+11 LT	8
HARRISON ST	11+11 RT	8
TENNESSEE AVE	NW QUAD	16
TENNESSEE AVE	NE QUAD	16
TENNESSEE AVE	SW QUAD	8
TENNESSEE AVE	SE QUAD	8
CUSTER AVE	NW QUAD	16
CUSTER AVE	NE QUAD	16
CUSTER AVE	SW QUAD	16
CUSTER AVE	SE QUAD	16
NEVADA AVE	NW QUAD	16
NEVADA AVE	NE QUAD	16
NEVADA AVE	SW QUAD	16
NEVADA AVE	SE QUAD	16
BENT AVE	NW QUAD	16
BENT AVE	NE QUAD	16
BENT AVE	SW QUAD	8
BENT AVE	SE QUAD	8
HURON AVE	NW QUAD	8
HURON AVE	NE QUAD	8
HURON AVE	SW QUAD	16
HURON AVE	SE QUAD	16
PROJECT TOTAL		352

CONCRETE STEPS

602.1500

STATION	LOCATION	SF	REMARKS
12+04	LT	16	1 RISER
12+59	LT	18	1 RISER
12+91	LT	16	1 RISER
13+52	LT	15	2 RISERS
13+91	LT	18	3 RISERS
15+20	LT	22	3 RISERS
15+62	LT	19	3 RISERS
16+68	LT	20	3 RISERS
17+20	LT	16	3 RISERS
17+70	LT	19	3 RISERS
17+89	RT	23	2 RISERS
18+36	LT	20	3 RISERS
19+28	LT	13	3 RISERS
19+51	RT	12	2 RISERS
20+13	RT	16	3 RISERS
20+53	RT	20	3 RISERS
20+67	RT	19	3 RISERS
20+86	LT	14	3 RISERS
21+27	LT	16	3 RISERS
21+63	RT	16	3 RISERS
21+92	LT	8	3 RISERS
22+07	LT	25	2 RISERS
22+08	RT	13	2 RISERS
22+57	LT	9	2 RISERS
22+82	LT	20	2 RISERS
24+00	RT	12	1 RISER
24+33	LT	19	3 RISERS
24+33	RT	13	2 RISERS
24+92	RT	11	1 RISER
25+42	RT	16	2 RISERS
25+45	LT	20	3 RISERS
25+87	LT	20	3 RISERS
25+89	RT	16	2 RISERS
26+34	LT	19	3 RISERS
26+80	RT	12	1 RISER
26+86	LT	19	3 RISERS
27+29	LT	19	3 RISERS
27+34	RT	12	1 RISER
27+71	LT	19	3 RISERS
27+83	RT	16	1 RISER
28+36	RT	12	2 RISERS
28+82	LT	16	3 RISERS
28+93	LT	10	3 RISERS
29+32	LT	16	3 RISERS
29+43	LT	10	3 RISERS
29+77	LT	14	3 RISERS
29+88	LT	10	3 RISERS
30+15	LT	16	3 RISERS
30+94	LT	40	2 RISERS
31+74	LT	19	3 RISERS
33+01	RT	10	2 RISERS
33+30	LT	21	2 RISERS
33+90	LT	9	1 RISER
PROJECT TOTAL		863	

CONCRETE CURB & GUTTER

STATION	LOCATION	601.0342 INTEGRAL 18-INCH LF	601.0409 30-INCH TYPE A LF	601.0411 30-INCH TYPE D LF	601.0452 INTEGRAL 30-INCH TYPE D LF	SPV.0090.08 INTEGRAL SPECIAL 12-INCH WIDE HEAD LF
9+08 - 10+00	LT	--	43	81	5	49
9+08 - 10+00	RT	15	43	--	--	59
10+00 - 14+44	LT	372	--	117	10	72
10+00 - 14+44	RT	597	--	--	--	41
14+44 - 18+85	LT	370	35	36	5	63
14+44 - 18+85	RT	433	--	--	--	34
18+85 - 23+30	LT	396	35	--	--	62
18+85 - 23+30	RT	429	--	--	--	65
23+30 - 28+20	LT	456	--	--	--	64
23+30 - 28+20	RT	493	--	--	--	32
28+20 - 31+95	LT	337	--	--	--	31
28+20 - 31+95	RT	342	--	--	--	24
31+95 - 36+50	LT	433	--	--	--	--
31+95 - 36+50	RT	398	--	--	--	24
PROJECT TOTALS		5,069	156	234	20	619

NOTE: INCLUDES SIDEROADS

PIPE UNDERDRAIN 6-INCH and MARKER BALLS

STATION	LOCATION	STRUCTURE	612.0106 UNDERDRAIN 6-INCH LF	* SPV.0060.21 MARKER BALLS EACH
12+55	LT	ST-4.1	13	2
12+55	RT	ST-4.2	13	2
14+81	LT	ST-7.1	13	2
14+81	RT	ST-7.2	13	2
18+36	LT	ST-8.1	13	2
18+46	LT	ST-8.2	13	2
18+36	RT	ST-8.3	13	2
18+46	RT	ST-8.4	13	2
23+65	LT	ST-13.1	13	2
23+65	RT	ST-13.2	13	2
PROJECT TOTALS			130	20

NOTE: PIPE UNDERDRAIN LOCATED AT LOW POINTS
* ADDITIONAL QUANTITIES INCLUDED ELSEWHERE

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ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

CONCRETE RETAINING CURB

SPV.0090.10

STATION	LOCATION	LF	WALL HEIGHT
13+67 - 13+89	LT	22	9"
13+94 - 14+14	LT	42	9"
16+82	LT	4	9"
16+90 - 17+17	LT	33	9"
17+22 - 17+35	LT	10	9"
19+16 - 19+49	RT	56	12"
19+54 - 19+73	RT	24	12"
20+34 - 20+50	RT	22	11"
20+55 - 20+64	RT	13	11"
20+69 - 20+73	RT	7	11"
21+33 - 21+61	RT	35	12"
21+65 - 21+77	RT	17	12"
21+86 - 21+91	RT	10	8"
23+59 - 23+69	RT	33	TAPER 12" TO 8"
27+13	LT	4	9"
30+42	LT	4	10"
30+98	LT	5	9"
31+84	LT	4	12"
31+92	LT	4	8"
PROJECT TOTAL		349	

REMOVE RETAINING WALL

SPV.0090.02

STATION	LOCATION	LF
13+67 - 13+89	LT	22
13+94 - 14+14	LT	42
14+73 - 15+18	LT	68
15+22 - 15+30	LT	11
16+82	LT	4
16+90 - 17+17	LT	33
17+22 - 17+35	LT	10
19+16 - 19+49	RT	56
19+54 - 19+73	RT	24
20+34 - 20+50	RT	22
20+55 - 20+64	RT	13
20+69 - 20+73	RT	7
21+33 - 21+61	RT	35
21+65 - 21+77	RT	17
21+86 - 21+91	RT	10
30+42	LT	4
30+98	LT	5
31+84	LT	4
31+92	LT	4
32+32	LT	4
32+41	LT	4
30+70 - 32+99	RT	30
33+02 - 33+12	RT	13
33+21	RT	4
PROJECT TOTAL		446

NOTE: INCLUDES REMOVING CONCRETE, CONCRETE BLOCK, TIMBERS, AND STONE

REMOVE SANITARY SEWER

SPV.0090.06

CATEGORY 0020

STATION	LOCATION	REMARKS	L.F.
9+17-9+77		N. MAIN ST	61
9+77-9+96		N. MAIN ST	31
9+96-LT		NEW YORK AVE	69
10+10-RT		NEW YORK AVE	7
10+10-10+26		NEW YORK AVE	16
10+26-10+35		NEW YORK AVE	12
10+35-14+20		N. MAIN ST	385
14+20-14+44		N. MAIN ST	49
14+44-LT		TENNESSEE AVE	22
14+20-18+64		N. MAIN ST	444
16+64-18+85		N. MAIN ST	41
18+85-LT		CUSTER AVE	17
18+64-23+07		N. MAIN ST	443
23+07-LT		NEVADA AVE	68
23+28-LT		NEVADA AVE	61
23+28-RT		NEVADA AVE	62
23+28-23+58		N. MAIN ST	30
23+58-29+73		N. MAIN ST	615
28+26-LT		BENT AVE	67
30+08-33+52		N. MAIN ST	344
33+52-36+19		N. MAIN ST	267
PROJECT TOTAL			3,111

SALVAGE AND RESET CONCRETE BLOCK RETAINING WALL

SPV.0090.11

STATION	LOCATION	LF
15+64 - 15+73	LT	20
PROJECT TOTAL		20

SALVAGE AND RESET FENCE

SPV .0090.40

STATION	LOCATION	LF
12+20	37' LT	4
9+08 - 9+64	34.5' RT	95
PROJECT TOTAL		99

STORM SEWER LATERALS

CATEGORY 0020

STATION	LOCATION	SPV.0090.12 6-INCH LF	SPV.0060.06 INLET EACH	* SPV.0060.21 MARKER BALLS EACH	SPV.0060.33 CONNECT TO EXISITING STM SEWER LATERAL EACH
10+54	LT	45	--	2	--
10+71	LT	46	1	2	--
10+97	LT	45	--	2	--
11+33	LT	50	1	2	--
11+94	LT	50	1	2	--
12+31	RT	25	--	2	--
12+48	LT	50	1	2	--
12+85	LT	50	1	2	--
12+94	RT	26	1	2	--
13+37	LT	50	1	2	--
13+78	RT	26	1	2	--
13+83	LT	50	1	2	--
14+00	RT	26	1	2	--
14+46	RT	23	1	2	--
14+99	LT	50	1	2	--
15+00	RT	26	1	2	--
15+40	LT	50	1	2	--
15+48	RT	26	1	2	--
16+08	RT	26	1	2	--
16+12	LT	50	1	2	--
16+45	RT	26	1	2	--
16+53	LT	50	1	2	--
17+08	RT	26	1	2	--
17+10	LT	50	1	2	--
17+58	RT	26	1	2	--
17+78	LT	50	1	2	--
17+82	RT	26	1	2	--
18+22	RT	26	1	2	--
18+23	LT	50	1	2	--
19+40	RT	26	1	2	--
19+41	LT	51	1	2	--
19+78	LT	50	1	2	--
19+86	RT	26	1	2	--
20+46	LT	50	1	2	--
20+59	RT	26	1	2	--
20+93	LT	50	1	2	--
21+46	RT	26	1	2	--
21+46	LT	50	1	2	--
21+89	RT	26	1	2	--
22+20	LT	50	1	2	--
22+61	LT	50	1	2	--
22+66	RT	26	1	2	--
23+76	RT	26	1	2	--
23+93	LT	50	1	2	--
24+43	LT	50	1	2	--

STATION	LOCATION	SPV.0090.12 6-INCH LF	SPV.0060.06 INLET EACH	SPV. 0090.13 8-INCH LF	* SPV.0060.21 MARKER BALLS EACH	SPV.0060.33 CONNECT TO EXISITING STM SEWER LATERAL EACH
24+45	RT	26	1	--	2	--
24+80	RT	26	1	--	2	--
24+90	LT	45	--	--	2	--
25+14	RT	26	1	--	2	--
25+39	LT	50	1	--	2	--
25+94	LT	50	1	--	2	--
25+95	RT	26	1	--	2	--
26+23	LT	50	1	--	2	--
26+45	RT	26	1	--	2	--
26+68	LT	50	1	--	2	--
26+96	RT	26	1	--	2	--
27+20	LT	50	1	--	2	--
27+41	RT	26	1	--	2	--
27+56	LT	50	1	--	2	--
27+89	RT	26	1	--	2	--
28+30	RT	26	1	--	2	--
9+43'B'	LT	39	1	--	2	--
28+98	RT	26	1	--	2	--
29+18	LT	50	1	--	2	--
29+47	RT	26	1	--	2	--
29+70	LT	50	1	--	2	--
30+18	RT	26	--	--	2	1
30+30	LT	50	1	--	2	--
30+33	RT	26	1	--	2	--
30+81	LT	50	1	--	2	--
31+10	RT	26	1	--	2	--
31+31	LT	50	1	--	2	--
31+53	LT	50	1	--	2	--
32+31	LT	50	1	--	2	--
32+51	RT	26	1	--	2	--
32+73	LT	50	1	--	2	--
32+96	RT	26	1	--	2	--
33+24	LT	50	1	--	2	--
33+51	RT	26	1	--	2	--
34+02	RT	26	1	--	2	--
34+04	LT	50	1	--	2	--
34+51	LT	50	1	--	2	--
34+57	RT	26	1	--	2	--
34+96	LT	--	1	50	2	--
34+97	RT	26	1	--	2	--
35+47	LT	--	--	49	2	--
35+51	RT	25	--	--	2	--
35+74	RT	26	1	--	2	--
PROJECT TOTALS		3,258	81	99	176	1

* ADDITIONAL QUANTITIES INCLUDED ELSEWHERE

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Revised Sheet 97
March 2, 2016

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

TRAFFIC SIGNALS INTERSECTION OF N. MAIN STREET & NEW YORK AVENUE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

* QUANTITIES LISTED ELSEWHERE ON PLANS

3

3

LOOP DETECTORS

LOOP NO.	SIZE FT x FT	# OF TURNS	* 652.0800 CONDUIT LOOP DETECTOR LF	* 655.0700 LOOP DETECTOR LEAD IN CABLE L.F.	* 655.0800 LOOP DETECTOR WIRE L.F.
21	6' X 6'	4	49	175	146
41	6' X 20'	3	58	135	176
42	6' X 20'	4	72	190	248
43	6' X 20'	3	71	190	196
61	6' X 6'	3	42	60	108
62	6' X 20'	4	70	60	246
63	6' X 20'	3	70	60	192
81	6' X 20'	3	60	110	176
82	6' X 20'	5	61	110	300
83	6' X 20'	4	71	110	248
91	6' X 20'	3	62	235	172
92	6' X 20'	4	60	235	230
	TOTALS		746	1,670	2,438

TRAFFIC SIGNAL CONTROLLER, CABINET, & BASE

BASE NO.	* SPV.0060.120 INSTALL TRAFFIC SIGNAL CONTROLLER & CABINET EACH	* 654.0217 CONCRETE CONTROL CABINET BASE TYPE 9 SPECIAL EACH
CB1	1	1
TOTALS	1	1

CABLE TRAFFIC SIGNAL & LOOP DETECTOR LEAD IN CABLE

FROM	TO	655.0230 5-14 AWG LF	655.0240 7-14 AWG LF	655.0260 12-14 AWG LF	655.0280 19-14 AWG LF	655.0700 LOOP DETECTOR LEAD IN CABLE LF
CB1	SB1	-	-	40	-	-
SB1	HEAD 6A	17	-	-	-	-
SB1	HEAD 2C	17	-	-	-	-
SB1	Head PH4-1	11	-	-	-	-
SB1	B4-1	-	-	-	-	6
CB1	SB2	-	-	-	55	-
SB2	HEAD 4B	17	-	-	-	-
SB2	HEAD 4C	37	-	-	-	-
SB2	HEAD 4D	-	48	-	-	-
SB2	HEAD PH6-2	11	-	-	-	-
SB2	B6-2	-	-	-	-	6
CB1	SB3	-	-	89	-	-
SB3	HEAD 8A	17	-	-	-	-
SB3	HEAD 4E	-	17	-	-	-
CB1	SB11	-	-	122	-	-
SB11	HEAD PH6-1	11	-	-	-	-
SB11	B6-1	-	-	-	-	6
SB11	HEAD PH8-2	11	-	-	-	-
SB11	B8-2	-	-	-	-	6
CB1	SB4	-	-	-	125	-
SB4	HEAD 6B	17	-		-	-
SB4	HEAD 6C	41	-	-	-	-
SB4	HEAD 6D	-	54	-	-	-
CB1	SB9	-	-	-	143	-
SB9	HEAD 2B	47	-	-	-	-
SB9	HEAD 9C	17	-	-	-	-
SB9	HEAD PH4-2	11	-	-	-	-
SB9	B4-2	-	-	-	-	6
SUBTOTALS		282	119	251	323	30

FROM	TO	655.0230 5-14 AWG LF	655.0240 7-14 AWG LF	* 655.0260 12-14 AWG LF	* 655.0280 19-14 AWG LF	655.0700 LOOP DETECTOR LEAD IN CABLE LF
CB1	SB8	-	-	135	-	-
SB8	HEAD 8E	-	17	-	-	-
SB8	HEAD 4A	17	-	-	-	-
SB8	HEAD PH2-1	11	-	-	-	-
SB8	B2-1	-	-	-	-	6
CB1	SB7	-	-	-	198	-
SB7	HEAD 8D	-	45	-	-	-
SB7	HEAD 8C	34	-	-	-	-
SB7	HEAD 8B	17	-	-	-	-
SB7	HEAD PH4-2	11	-	-	-	-
SB7	B4-2	-	-	-	-	6
CB1	SB6	-	-	-	231	-
SB6	HEAD 6E	-	17	-	-	-
SB6	HEAD 2A	17	-	-	-	-
SB6	HEAD 9B	17	-	-	-	-
SB6	HEAD PH8-1	11	-	-	-	-
SB6	B8-1	-	-	-	-	6
CB1	SB10	-	-	193	-	-
SB10	HEAD PH2-3	11	-	-	-	-
SB10	B2-3	-	-	-	-	6
CB1	SB5	-	-	261	-	-
SB5	HEAD 9A	17	-	-	-	-
SB5	HEAD PH2-4	11	-	-	-	-
SB5	B2-4	-	-	-	-	6
SUBTOTALS		174	79	589	429	30
PROJECT TOTALS		456	198	840	429	60

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March 2, 2016

TRAFFIC SIGNALS INTERSECTION OF N. MAIN STREET & NEW YORK AVENUE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

* QUANTITIES LISTED ELSEWHERE ON PLANS

Addendum No. 01
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March 2, 2016

PEDESTAL BASES, TRAFFIC SIGNAL STANDARDS, PEDESTRIAN PUSH BUTTONS, POLES, MONOTUBE POLES & ARMS

SIGNAL BASE NO.	SPV.0060.84 INSTALL PEDESTAL BASES EACH	SPV.0060.85 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	SPV.0060.86 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	SPV.0060.89 INSTALL POLES,TYPE 9 EACH	SPV.0060.90 INSTALL POLES,TYPE 10 EACH	SPV.0060.91 INSTALL POLES, TYPE 13 EACH	* SPV.0060.92 INSTALL MONOTUBE ARM 30-FT EACH	SPV.0060.93 INSTALL MONOTUBE ARM 50-FT EACH	* SPV.0060.105 INSTALL PEDESTRIAN PUSH BUTTONS EACH
SB1	1	1	-	-	-	-	-	-	1
SB2	-	-	-	1	-	-	1	-	1
SB3	1	1	-	-	-	-	-	-	-
SB4	-		-	-	-	1	-	1	-
SB5	1	1	-	-	-	-	-	-	1
SB6	1	1	-	-	-	-	-	-	1
SB7	-	-	-	-	1	-	1	-	-
SB8	1	1	-	-	-	-	-	-	1
SB9	-	-	-		1	-	1	-	1
SB10	1	-	1	-	-	-	-	-	1
SB11	1	-	1	-	-	-	-	-	2
TOTALS	7	5	2	1	2	1	3	1	9

TRAFFIC SIGNAL FACES, BACKPLATES, AND LED MODULES

SIGNAL HEAD NO.	SIGNAL BASE NO.	* SPV.0060.100 INSTALL TRAFFIC SIGNAL FACE 3-12 INCH VERTICAL EACH	* SPV.0060.101 INSTALL TRAFFIC SIGNAL FACE 4-12 INCH VERTICAL EACH	* SPV.0060.102 INSTALL BACKPLATES SIGNAL FACE 3 SECTION 12-INCH EACH	* SPV.0060.103 INSTALL BACKPLATES SIGNAL FACE 4 SECTION 12-INCH EACH	* SPV.0060.104 INSTALL PEDESTRIAN SIGNAL FACE 16-INCH EACH	* SPV.0060.106 INSTALL LED MODULE 12-INCH RED BALL EACH	* SPV.0060.107 INSTALL LED MODULE 12-INCH YELLOW BALL EACH	* SPV0060.108 INSTALL LED MODULE 12-INCH GREEN BALL EACH	* SPV00.60.109 INSTALL LED MODULE 12-INCH RED ARROW EACH	* SPV.0060.110 INSTALL LED MODULE 12-INCH YELLOW ARROW EACH	* SPV00.60.111 INSTALL LED MODULE 12-INCH GREEN ARROW EACH	* SPV.0060.112 INSTALL LED MODULES PEDESTRIAN COUNTDOWN TIMER 16-INCH EACH
2A	SB6	1	-	1	-	-	1	1	1	-	-	-	-
2B	SB9	1	-	1	-	-	1	1	1	-	-	-	-
2C	SB1	1	-	1	-	-	1	1	1	-	-	-	-
4A	SB8	1	-	1	-	-	1	1	1	-	-	-	-
4B	SB2	1	-	1	-	-	1	1	1	-	-	-	-
4C	SB2	1	-	1	-	-	1	1	1	-	-	-	-
4D	SB2	-	1	-	1	-	-	-	-	1	2	1	-
4E	SB3	-	1	-	1	-	-	-	-	1	2	1	-
6A	SB1	1	-	1	-	-	1	1	1	-	-	-	-
6B	SB4	1	-	1	-	-	1	1	1	-	-	-	-
6C	SB4	1	-	1	-	-	1	1	1	-	-	-	-
6D	SB4	-	1	-	1	-	-	-	-	1	2	1	-
6E	SB6	-	1	-	1	-	-	-	-	1	2	1	-
8A	SB3	1	-	1	-	-	1	1	1	-	-	-	-
8B	SB7	1	-	1	-	-	1	1	1	-	-	-	-
8C	SB7	1	-	1	-	-	1	1	1	-	-	-	-
8D	SB7	-	1	-	1	-	-	-	-	1	2	1	-
8E	SB8	-	1	-	1	-	-	-	-	1	2	1	-
9A	SB5	1	-	1	-	-	1	1	1	-	-	-	-
9B	SB6	1	-	1	-	-	1	1	1	-	-	-	-
9C	SB9	1	-	1	-	-	1	1	1	-	-	-	-
PH2-1	SB8	-		-		1	-	-	-	-	-	-	1
PH2-2	SB7	-		-		1	-	-	-	-	-	-	1
PH2-3	SB10	-		-		1	-	-	-	-	-	-	1
PH2-4	SB5	-		-		1	-	-	-	-	-	-	1
PH4-1	SB1	-		-		1	-	-	-	-	-	-	1
PH4-2	SB9	-		-		1	-	-	-	-	-	-	1
PH6-1	SB11	-		-		1	-	-	-	-	-	-	1
PH6-2	SB2	-		-		1	-	-	-	-	-	-	1
PH8-1	SB6	-	-	-	-	1	-	-	-	-	-	-	1
PH8-2	SB9	-	-	-	-	1	-	-	-	-	-	-	1
TOTALS		15	6	15	6	10	15	15	15	6	12	6	10

TRAFFIC SIGNALS INTERSECTION OF N. MAIN STREET & NEW YORK AVENUE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

* QUANTITIES LISTED ELSEWHERE ON PLANS

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ELECTRICAL WIRE & CABLE, LIGHTING

(Lighting as part of signals)

FROM	TO	* 655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	* 655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF
CB1	SB9	-	125
	SB9	150	-
CB1	SB4	-	108
	SB4	150	-
CB1	SB7	-	202
	SB7	135	-
	TOTALS	435	435

LIGHTING SUMMARY

BASE NO.	* SPV.0060.87 INSTALL LUMINAIRE ARM SINGLE MEMBER 10-FT WITH 6-INCH CLAMP EACH	SPV.0060.88 INSTALL LUMINAIRE ARM SINGLE MEMBER 15-FT WITH 6-INCH CLAMP EACH	* SPV.0060.115 INSTALL LUMINAIRES UTILITY LED TYPE A EACH
SB4	-	1	1
SB7	1	-	1
SB9	-	1	1
TOTALS	1	2	3

SIGNAL MOUNTING HARDWARE

LOCATION	* SPV.0060.113 L.S.
N. MAIN/NEW YORK/HARRISON	1
TOTAL	1

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TRAFFIC SIGNALS INTERSECTION OF N. MAIN STREET & MURDOCK AVENUE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

* QUANTITIES LISTED ELSEWHERE ON PLANS

3

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ELECTRICAL WIRE & CABLE, LIGHTING
(Lighting as part of signals)

FROM	TO	* 655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0305 Lighting Cable LF
CB1	SB2	135	BY OTHERS -
TOTAL		135	-

LIGHTING CABLE FROM CONTROLLER TO SIGNAL BASE TO BE INSTALLED BY OTHERS

LIGHTING SUMMARY

BASE NO.	* 657.0635 LUMINAIRE ARM SINGLE MEMBER 10-FT WITH 6-INCH CLAMP EACH	* 659.1115 LUMINAIRES UTILITY LED TYPE A EACH
SB2	1	1
TOTALS	1	1

TRAFFIC SIGNAL FACES, BACKPLATES, AND LED MODULES

SIGNAL HEAD NO.	SIGNAL BASE NO.	* 658.0110 TRAFFIC SIGNAL FACE 3-12 INCH VERTICAL EACH	* 658.0115 TRAFFIC SIGNAL FACE 4-12 INCH VERTICAL EACH	* 658.0215 BACKPLATES SIGNAL FACE 3 SECTION 12-INCH EACH	* 658.0220 BACKPLATES SIGNAL FACE 4 SECTION 12-INCH EACH	* 658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH	* 658.0635 LED MODULES PEDESTRIAN COUNTDOWN TIMER 16-INCH EACH	* 658.0600 LED MODULE 12-INCH RED BALL EACH	* 658.0605 LED MODULE 12-INCH YELLOW BALL EACH	* 658.0610 LED MODULE 12-INCH GREEN BALL EACH	* 658.0615 LED MODULE 12-INCH RED ARROW EACH	* 688.0620 LED MODULE 12-INCH YELLOW ARROW EACH	* 658.0625 LED MODULE 12-INCH GREEN ARROW EACH
2A	SB1	1	-	1	-	-	-	1	1	1	-	-	-
2B	SB1	1	-	1	-	-	-	1	1	1	-	-	-
2C	SB1	-	1	-	1	-	-	-	-	-	1	2	1
2D	SB2	-	1	-	1	-	-	-	-	-	1	2	1
6A	SB2	1	-	1	-	-	-	1	1	1	-	-	-
PH6-1	SB2	-	-	-		1	1	-	-	-	-	-	
TOTALS		3	2	3	2	1	1	3	3	3	2	4	2

PEDESTAL BASES, TRAFFIC SIGNAL STANDARDS, PEDESTRIAN PUSH BUTTONS, POLES, MONOTUBE POLES & ARMS

SIGNAL BASE NO.	* 657.0255 TRANSFORMER BASE 11 1/2-INCH B.S. EACH	* 657.0315 POLES, TYPE 4 EACH	* 658.0500 PEDESTRIAN PUSH BUTTONS EACH	* SPV.0060.70 POLES, TYPE 9 EACH	* SPV.0060.74 MONOTUBE ARM 30-FT EACH
SB1	-	-	1	1	1
SB2	1	1	1	-	-
TOTALS	1	1	2	1	1

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MAIN STREET EARTHWORK DATA

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.3	Mass Ordinate Note 8
9+08.00		63.1	0.0	0	0	0	0	0	0
9+50.00	42	79.6	0.0	111	0	0	111	0	111
10+00.00	50	52.7	0.0	123	0	0	234	0	233
10+50.00	50	68.4	0.9	112	0	1	346	1	345
11+00.00	50	68.4	0.6	127	0	1	472	3	469
11+25.00	25	69.0	3.6	64	0	2	536	5	531
11+50.00	25	74.7	0.5	67	0	2	602	8	595
11+69.00	19	76.5	0.6	53	0	0	656	8	647
12+00.00	31	79.0	0.1	89	0	0	745	9	736
12+25.00	25	81.4	0.0	74	0	0	819	9	810
12+50.00	25	84.4	0.1	77	0	0	896	9	887
12+70.00	20	80.8	0.1	61	0	0	957	9	948
13+00.00	30	69.5	0.4	83	0	0	1041	9	1031
13+18.00	18	64.3	0.3	45	0	0	1085	10	1076
13+50.00	32	66.7	0.6	78	0	1	1163	10	1153
14+00.00	50	78.3	0.1	134	0	1	1297	11	1286
14+30.00	30	72.0	0.0	84	0	0	1381	11	1369
14+50.00	20	74.2	0.0	54	0	0	1435	11	1424
15+00.00	50	88.3	0.0	151	0	0	1585	11	1574
15+15.00	15	92.1	0.0	50	0	0	1635	11	1624
15+50.00	35	77.5	2.1	110	0	1	1745	13	1732
15+75.00	25	70.1	0.0	68	0	1	1814	14	1799
15+85.00	10	68.2	0.0	26	0	0	1839	14	1825
16+00.00	15	68.9	0.5	38	0	0	1877	14	1863
16+25.00	25	71.3	0.3	65	0	0	1942	15	1927
16+50.00	25	78.9	0.1	70	0	0	2012	15	1997
16+85.00	35	76.4	0.0	101	0	0	2112	15	2097
17+00.00	15	79.9	0.0	43	0	0	2156	15	2141
17+28.00	28	77.2	0.0	81	0	0	2237	15	2222
17+40.00	12	76.5	0.0	34	0	0	2271	15	2256
17+50.00	10	79.0	0.0	29	0	0	2300	15	2285
17+69.00	19	78.5	0.0	55	0	0	2356	15	2340
17+90.00	21	77.5	0.0	61	0	0	2416	15	2401
18+00.00	10	80.3	0.1	29	0	0	2445	15	2430
18+10.00	10	80.9	0.0	30	0	0	2475	15	2460
18+50.00	40	73.3	0.0	114	0	0	2590	15	2574
19+00.00	50	63.6	0.0	127	0	0	2716	15	2701
19+50.00	50	72.0	0.2	126	0	0	2842	16	2826
19+65.00	15	73.1	0.1	40	0	0	2882	16	2867
19+80.00	15	70.4	0.0	40	0	0	2922	16	2906
20+00.00	20	73.6	0.1	53	0	0	2975	16	2960
20+14.00	14	72.6	0.1	38	0	0	3013	16	2998
20+25.00	11	74.5	0.1	30	0	0	3043	16	3028
20+50.00	25	75.0	0.1	69	0	0	3113	16	3097

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ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

MAIN STREET EARTHWORK DATA

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.3	Mass Ordinate Note 8
20+67.00	17	72.9	0.0	47	0	0	3158	16	3142
21+00.00	33	74.2	0.0	90	0	0	3248	16	3232
21+16.00	16	73.6	0.0	44	0	0	3292	16	3276
21+26.00	10	72.7	0.0	27	0	0	3319	16	3303
21+50.00	24	75.5	0.0	66	0	0	3385	16	3369
21+65.00	15	76.8	0.0	42	0	0	3427	16	3411
21+80.00	15	78.0	0.0	43	0	0	3470	16	3454
22+00.00	20	77.3	0.1	58	0	0	3528	16	3512
22+35.00	35	73.3	0.1	98	0	0	3625	16	3609
22+50.00	15	72.7	0.1	41	0	0	3666	16	3650
23+00.00	50	49.9	0.0	113	0	0	3779	16	3763
23+50.00	50	58.8	0.0	101	0	0	3880	16	3864
24+00.00	50	76.9	0.0	126	0	0	4006	16	3989
24+16.00	16	81.1	0.0	47	0	0	4053	16	4036
24+45.00	29	79.4	0.1	86	0	0	4139	16	4122
24+50.00	5	79.2	0.1	15	0	0	4153	16	4137
24+55.00	5	78.8	0.1	15	0	0	4168	16	4152
24+70.00	15	77.1	0.0	43	0	0	4211	16	4195
24+90.00	20	76.9	0.0	57	0	0	4268	16	4252
25+00.00	10	81.8	0.0	29	0	0	4298	16	4281
25+30.00	30	83.6	0.0	92	0	0	4390	16	4373
25+50.00	20	81.9	0.0	61	0	0	4451	16	4434
25+55.00	5	76.5	0.0	15	0	0	4466	16	4449
25+70.00	15	78.4	0.0	43	0	0	4509	16	4492
26+00.00	30	82.4	0.0	89	0	0	4598	17	4581
26+05.00	5	80.9	0.0	15	0	0	4613	17	4597
26+35.00	30	77.0	0.1	88	0	0	4701	17	4684
26+50.00	15	78.5	0.0	43	0	0	4744	17	4727
26+55.00	5	76.8	0.0	14	0	0	4758	17	4742
26+75.00	20	78.5	0.2	57	0	0	4816	17	4799
27+00.00	25	81.3	0.0	74	0	0	4890	17	4873
27+08.00	8	81.4	0.0	24	0	0	4914	17	4897
27+50.00	42	80.3	0.0	126	0	0	5040	17	5023
28+00.00	50	71.4	0.0	140	0	0	5180	17	5163
28+10.00	10	72.3	0.0	27	0	0	5207	17	5190
28+50.00	40	67.2	0.2	103	0	0	5310	17	5293
28+66.00	16	80.3	0.0	44	0	0	5354	17	5337
29+00.00	34	81.7	0.1	102	0	0	5456	17	5439
29+25.00	25	82.2	0.0	76	0	0	5532	17	5515
29+50.00	25	83.2	0.1	77	0	0	5608	17	5591
29+80.00	30	83.2	0.0	92	0	0	5701	17	5684
30+00.00	20	83.0	0.1	62	0	0	5762	17	5745

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ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

MAIN STREET EARTHWORK DATA

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.3	Mass Ordinate Note 8
30+38.00	38	77.9	0.1	113	0	0	5876	17	5858
30+50.00	12	78.4	0.1	35	0	0	5910	17	5893
31+00.00	50	77.6	0.0	144	0	0	6055	17	6037
31+50.00	50	77.6	0.1	144	0	0	6198	18	6181
31+88.00	38	68.4	0.0	103	0	0	6301	18	6284
32+00.00	12	71.0	0.0	31	0	0	6332	18	6314
32+36.00	36	79.4	0.1	100	0	0	6432	18	6415
32+50.00	14	78.5	0.1	41	0	0	6473	18	6456
32+88.00	38	79.2	0.1	111	0	0	6584	18	6566
33+00.00	12	78.3	0.1	35	0	0	6619	18	6601
33+15.00	15	76.4	0.0	43	0	0	6662	18	6644
33+50.00	35	78.7	0.3	101	0	0	6763	18	6745
33+65.00	15	76.8	0.0	43	0	0	6806	18	6788
34+00.00	35	74.5	0.2	98	0	0	6904	19	6885
34+15.00	15	73.0	0.0	41	0	0	6945	19	6926
34+50.00	35	72.9	0.2	95	0	0	7039	19	7021
34+65.00	15	73.9	0.0	41	0	0	7080	19	7061
35+00.00	35	75.6	0.3	97	0	0	7177	19	7158
35+15.00	15	76.4	0.0	42	0	0	7219	19	7200
35+50.00	35	74.8	0.0	98	0	0	7317	19	7298
36+00.00	50	71.2	0.0	135	0	0	7453	19	7433
36+17.02	17	69.9	0.0	44	0	0	7497	19	7478
				7497	0	15			

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March 2, 2016

ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

NEW YORK AVENUE EARTHWORK DATA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.3	Mass Ordinate Note 8
8+58.46	858.46		54.3	0.0	0		0	0	0	0
9+00.00	900.00	41.54	63.3	0.0	90		0	90	0	90
9+55.74	955.74	55.74	75.4	0.0	143		0	234	0	234
9+73.50	973.50	17.76	75.0	0.0	0		0	234	0	234
10+00.00	1000.00	26.50	0.0	0.0	0		0	234	0	234
10+26.50	1026.50	26.50	75.0	3.3	0		2	234	2	231
10+65.57	1065.57	39.07	75.1	0.0	109		2	342	5	337
10+80.19	1080.19	14.62	56.4	0.0	36		0	378	5	372
					378	113	4			

HARRISON STREET EARTHWORK DATA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.3	Mass Ordinate Note 8
10+50.00	1050.00		65.0	0.0	0		0	0	0	0
11+02.29	1102.29	52.29	63.6	1.2	125		1	125	2	123
11+50.00	1150.00	47.71	62.4	1.2	111		2	236	4	232
11+87.24	1187.24	37.24	48.0	2.2	76		2	312	7	305
					312	99	6			

TENNESSEE AVENUE EARTHWORK DATA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.3	Mass Ordinate Note 8
9+15.00	915.00		35.2	0.0	0		0	0	0	0
9+50.00	950.00	35.00	71.9	0.0	69		0	69	0	69
9+55.74	955.74	5.74	75.5	0.0	16		0	85	0	85
9+73.50	973.50	17.76	79.0	0.0	51		0	136	0	136
					136	0	0			

BENT AVENUE EARTHWORK DATA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.3	Mass Ordinate Note 8
8+65.00	865.00		39.9	0.0	0		0	0	0	0
9+00.00	900.00	35.00	54.2	2.0	61		1	61	2	59
9+50.00	950.00	50.00	80.3	0.0	125		2	186	4	182
9+55.63	955.63	5.63	79.4	0.0	17		0	202	4	198
9+73.50	973.50	17.87	82.0	0.0	53		0	256	4	252
					256	0	3			

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ALL ITEMS ARE CATEGORY 0010
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CUSTER AVENUE EARTHWORK DATA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.3	Mass Ordinate Note 8
9+21.04	921.04		49.7	0.0	0		0	0	0	0
9+50.00	950.00	28.96	60.7	0.1	59		0	59	0	59
9+55.90	955.90	5.89	59.5	0.9	13		0	72	0	72
9+73.50	973.50	17.61	65.0	0.0	0		0	72	1	72
10+00.00	1000.00	26.50	0.0	0.0	0		0	72	1	72
10+18.50	1018.50	18.50	79.0	0.0	0		0	72	1	72
10+36.28	1036.28	17.78	73.5	0.0	50		0	123	1	122
10+50.00	1050.00	13.72	61.8	0.0	34		0	157	1	156
10+65.19	1065.19	15.19	44.6	0.0	30		0	187	1	186
					187	62	0			

NEVADA AVENUE EARTHWORK DATA

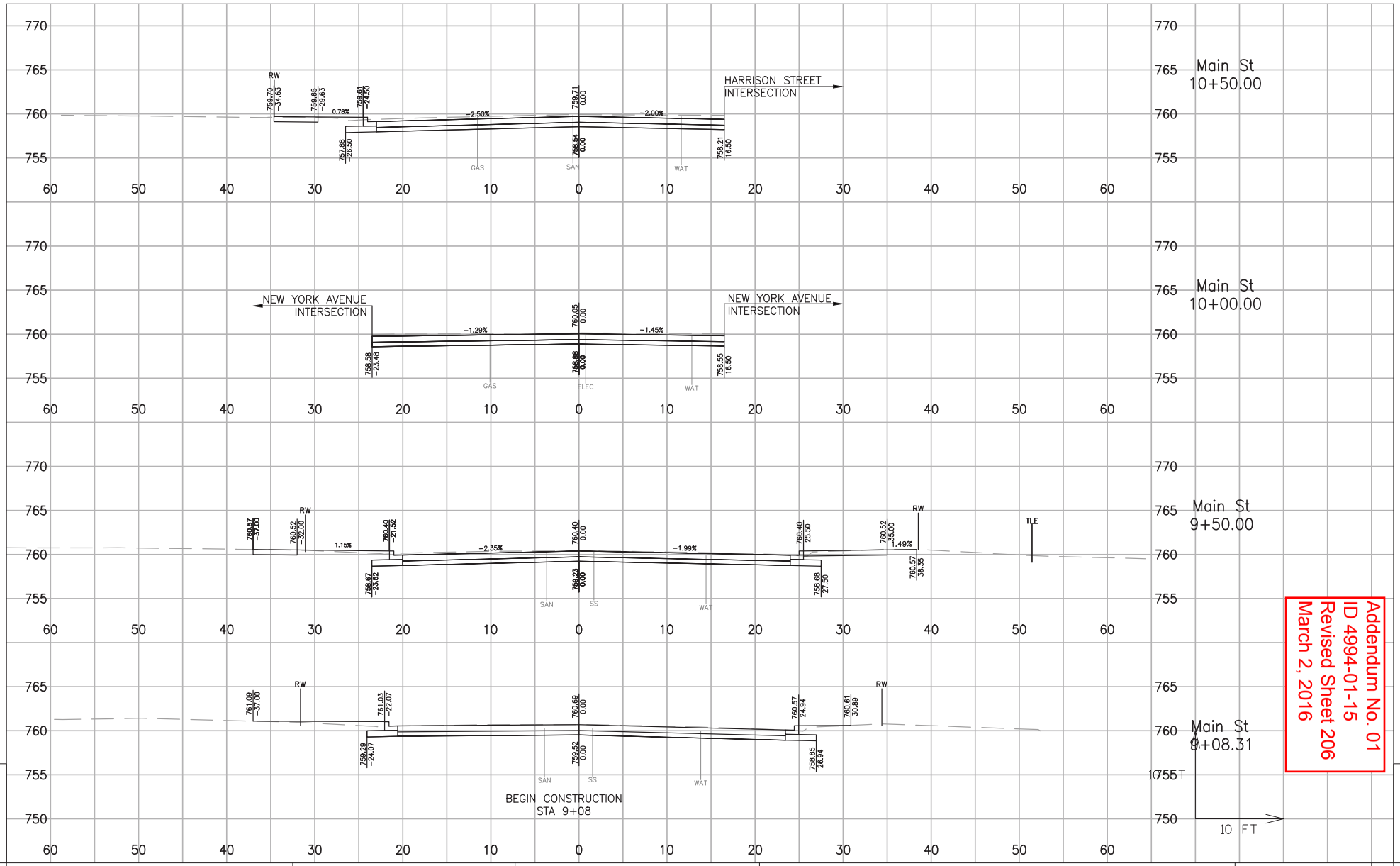
STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.3	Mass Ordinate Note 8
9+30.00	930.00		54.5	0.0	0		0	0	0	0
9+50.00	950.00	20.00	62.3	0.0	43		0	43	0	43
9+55.74	955.74	5.74	59.8	0.0	13		0	56	0	56
9+73.50	973.50	17.76	65.0	0.0	0		0	56	0	56
10+00.00	1000.00	26.50	0.0	0.0	0		0	56	0	56
10+18.50	1018.50	18.50	79.0	0.0	0		0	56	0	56
10+36.55	1036.55	18.05	75.5	0.0	52		0	108	0	108
10+50.00	1050.00	13.45	65.2	0.2	35		0	143	0	143
10+67.00	1067.00	17.00	52.6	0.1	37		0	180	0	180
					143	52	0			

HURON AVENUE EARTHWORK DATA

STATION	Real Station	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/ Unusable Pavement Material Note 2	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.3	Mass Ordinate Note 8
10+18.50	1018.50		75.0	0.0	0		0	0	0	0
10+32.01	1032.01	13.51	64.8	0.0	35		0	35	0	35
10+50.00	1050.00	17.99	46.2	0.1	37		0	72	0	72
10+80.00	1080.00	30.00	34.7	0.0	45		0	117	0	117
					117	0	0			

Addendum No. 01
ID 4994-01-15
Added Sheet 205A
March 2, 2016

ALL ITEMS ARE CATEGORY 0010
UNLESS OTHERWISE NOTED



PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 206	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-1

PLOT DATE : 3/1/2016 2:09 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-1, 3/1/2016 2:09:14 PM, RKubat, 1:1

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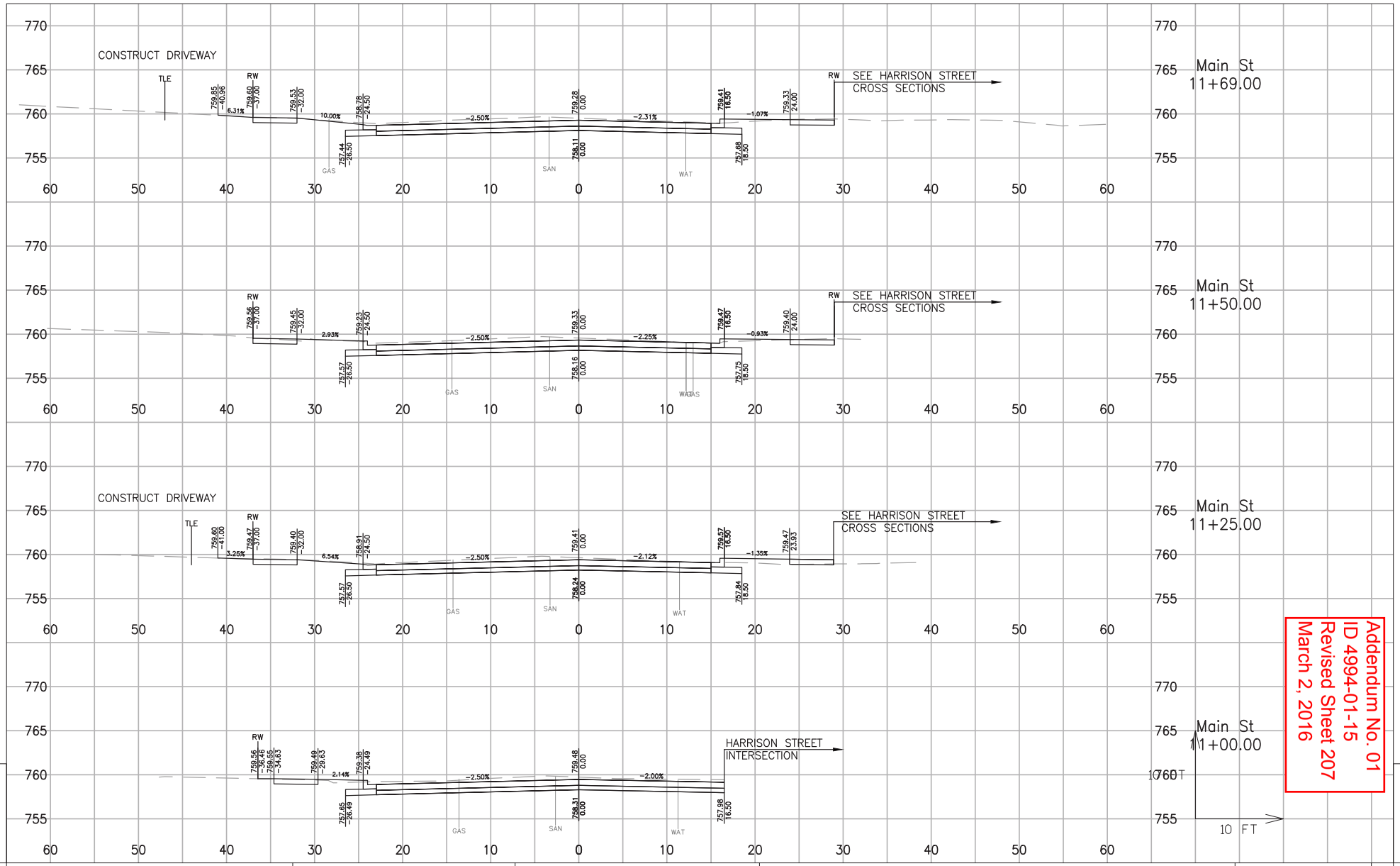

Addendum No. 01
ID 4994-01-15
Revised Sheet 207
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 207 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-2

PLOT DATE : 2/29/2016 3:16 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-2, 2/29/2016 3:16:47 PM, RKubat, 1:1

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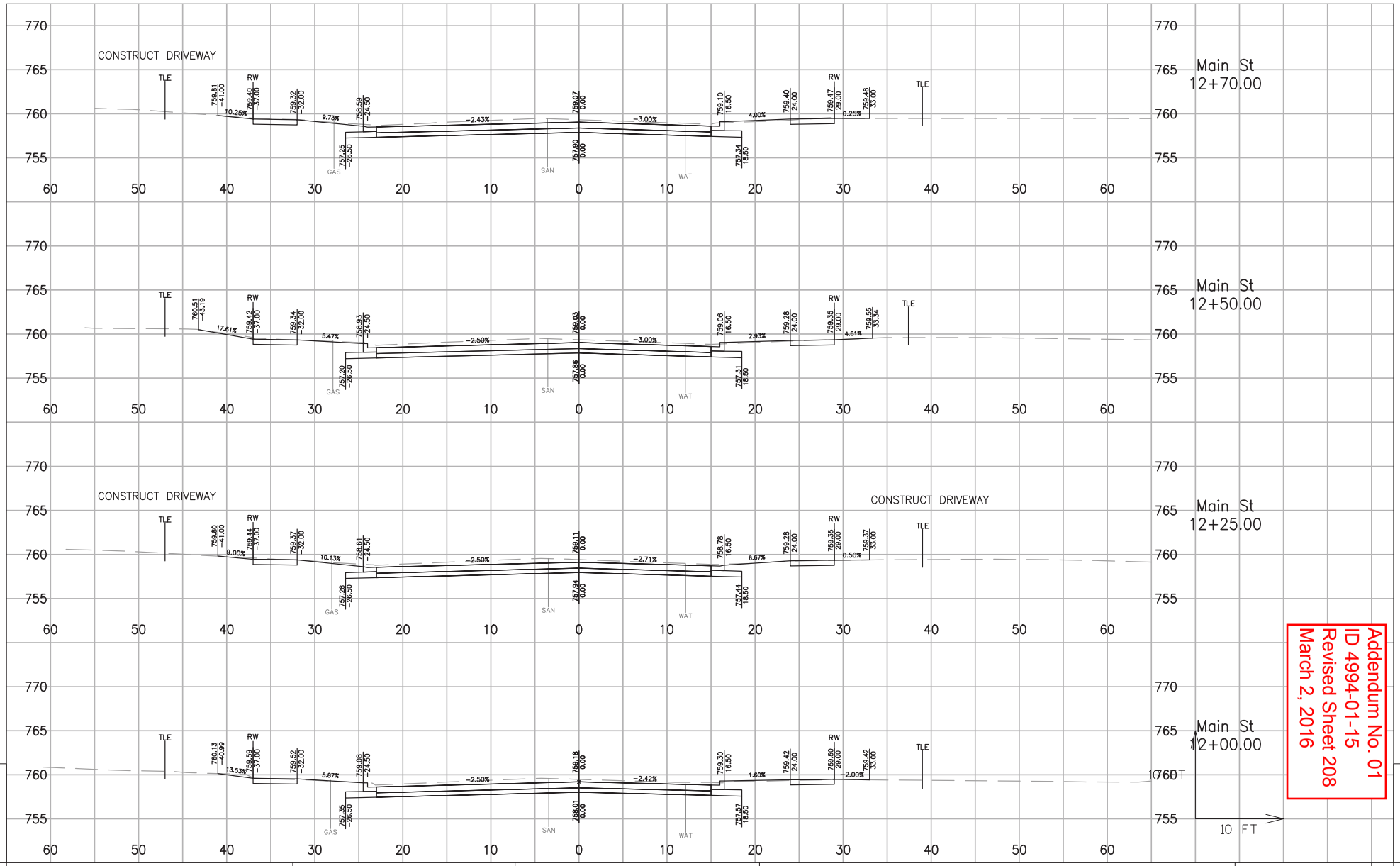

Addendum No. 01
ID 4994-01-15
Revised Sheet 208
March 2, 2016

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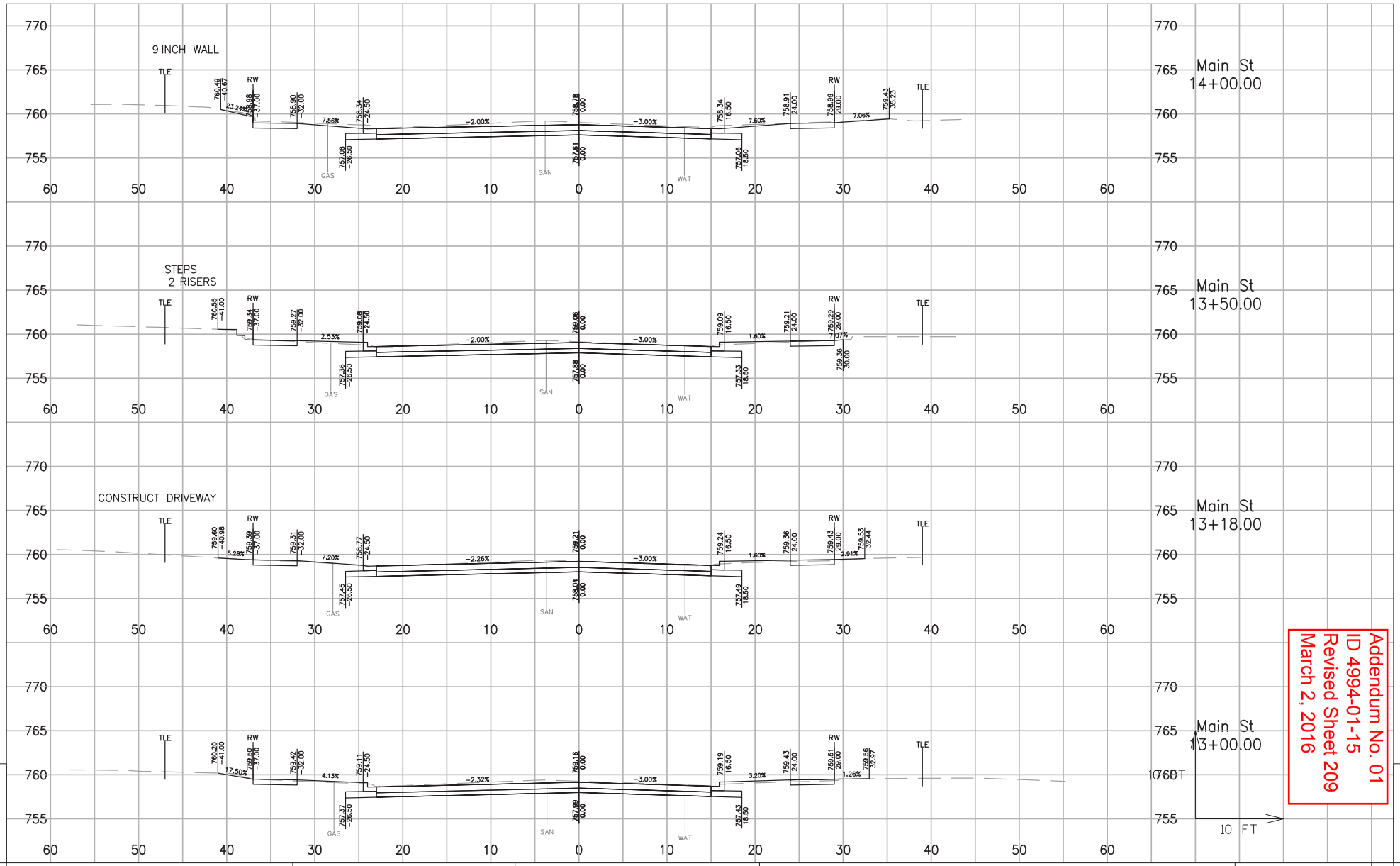
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 208	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-3

PLOT DATE : 2/29/2016 3:16 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-3, 2/29/2016 3:16:57 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 209
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 209 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-4

PLOT DATE : 2/29/2016 3:17 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-4, 2/29/2016 3:17:07 PM, RKubat, 1:1

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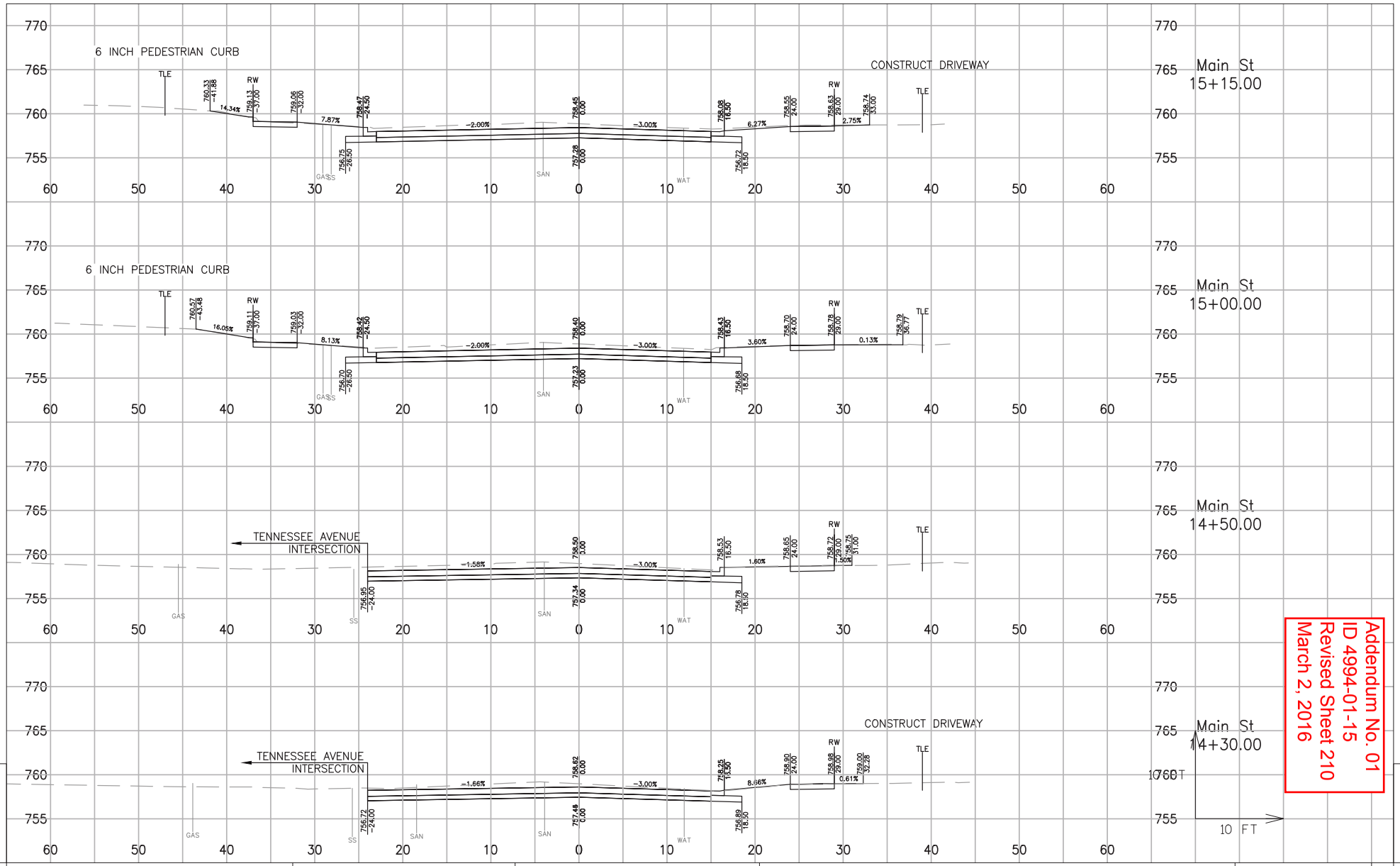

Addendum No. 01
ID 4994-01-15
Revised Sheet 210
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 210	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-5

PLOT DATE : 2/29/2016 3:17 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

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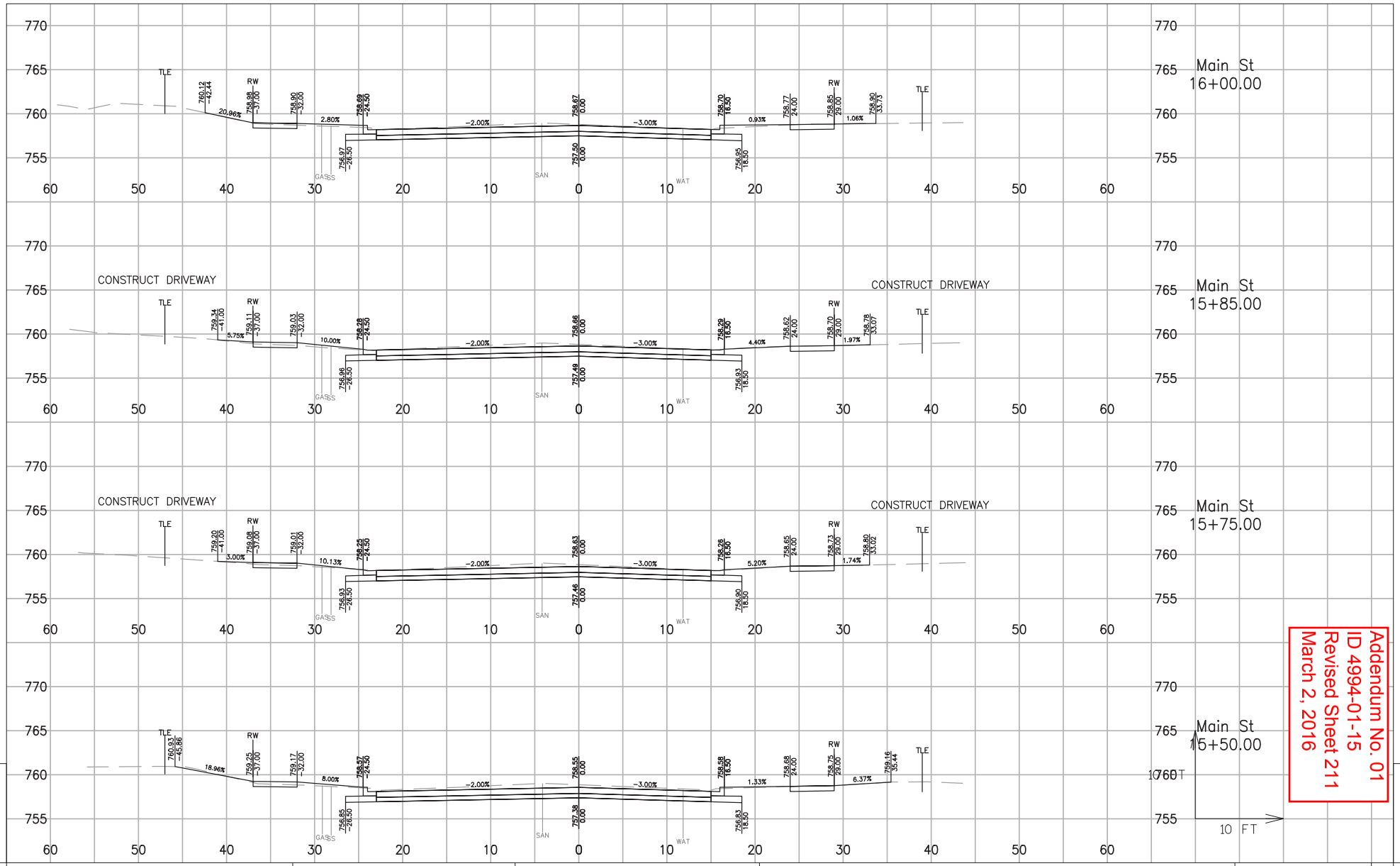

Addendum No. 01
ID 4994-01-15
Revised Sheet 211
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 211 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-6

PLOT DATE : 2/29/2016 3:17 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-6, 2/29/2016 3:17:27 PM, RKubat, 1:1

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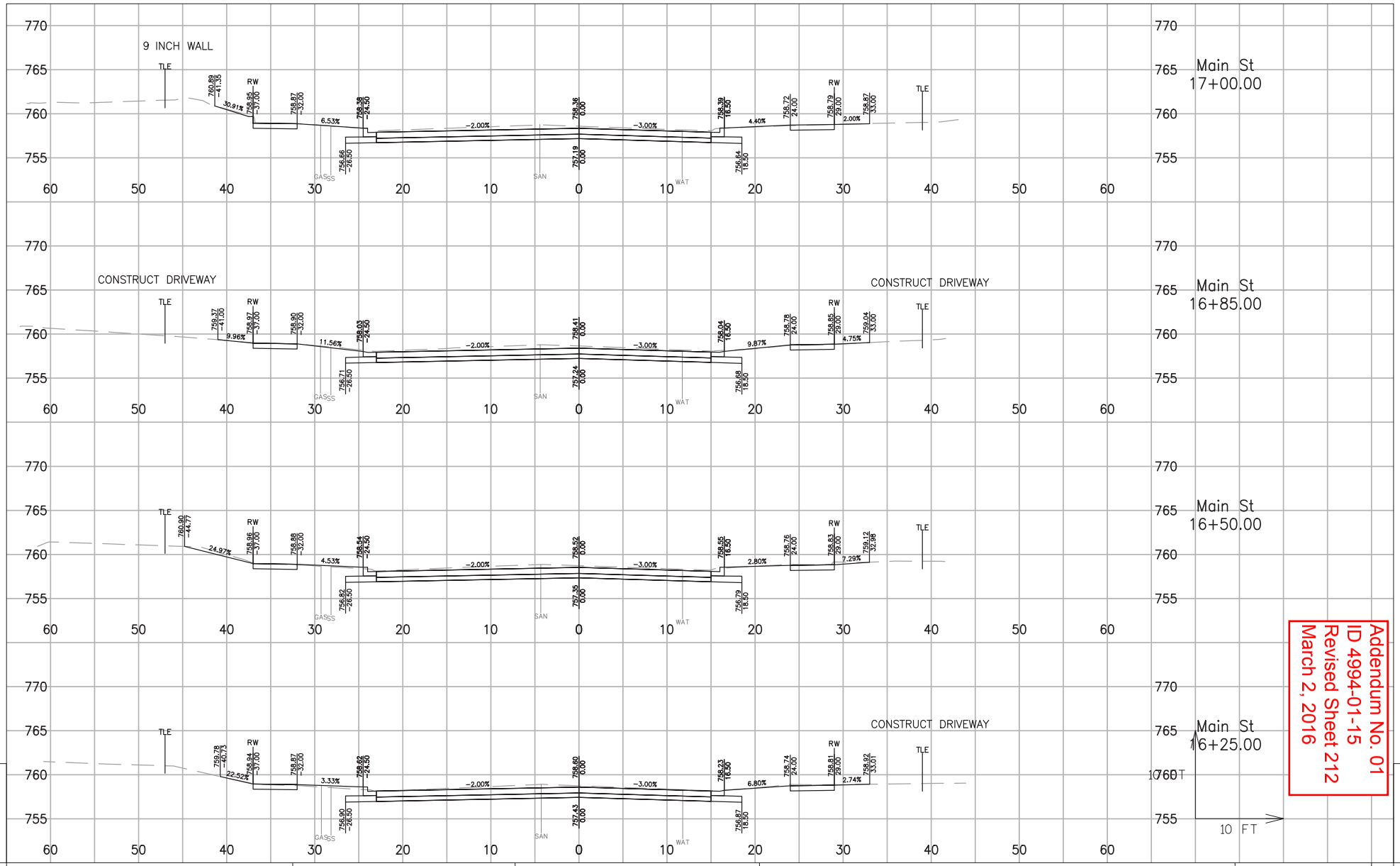


Addendum No. 01
ID 4994-01-15
Revised Sheet 212
March 2, 2016

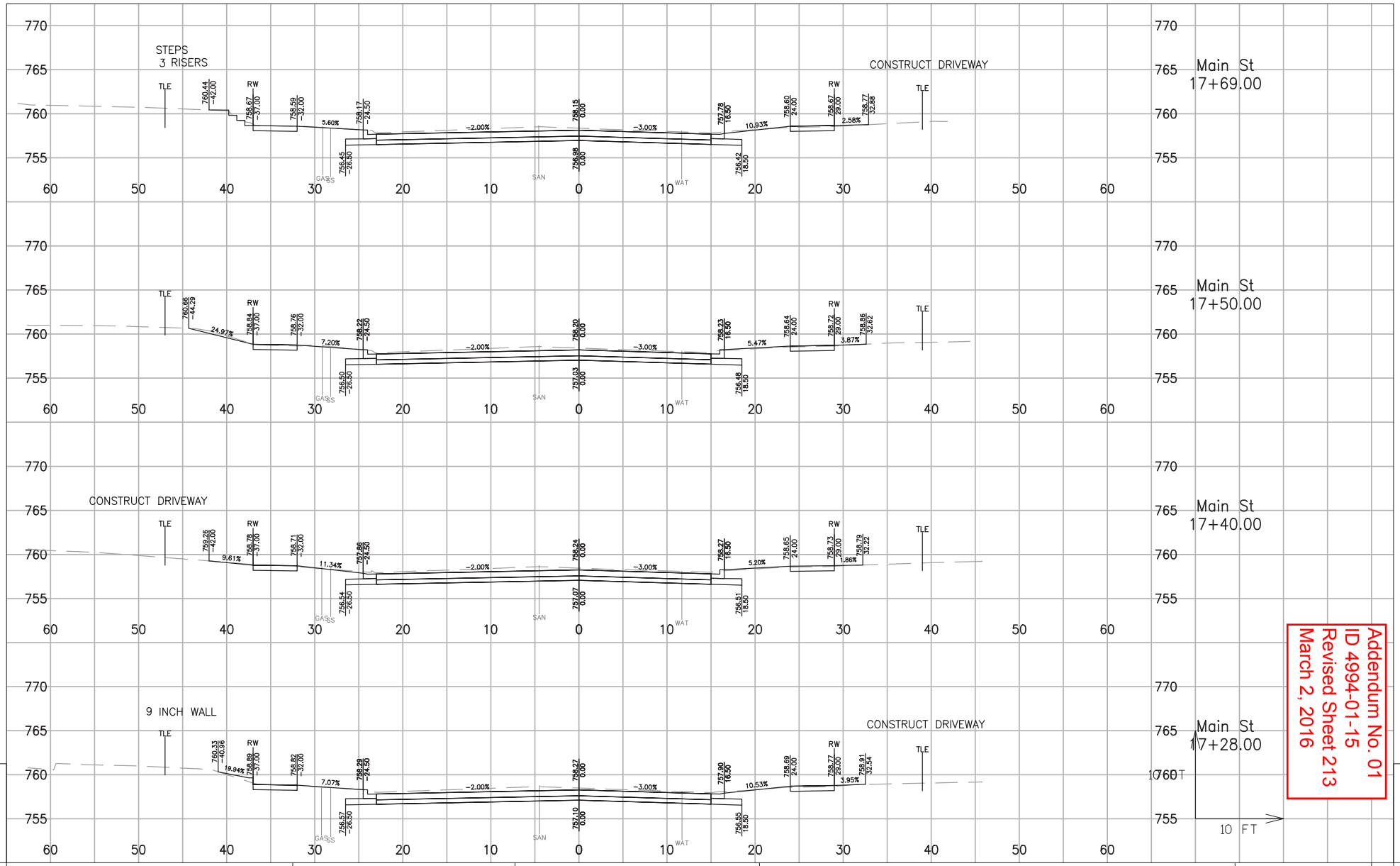
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 212 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-7

PLOT DATE : 2/29/2016 3:17 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-7, 2/29/2016 3:17:37 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 213
March 2, 2016

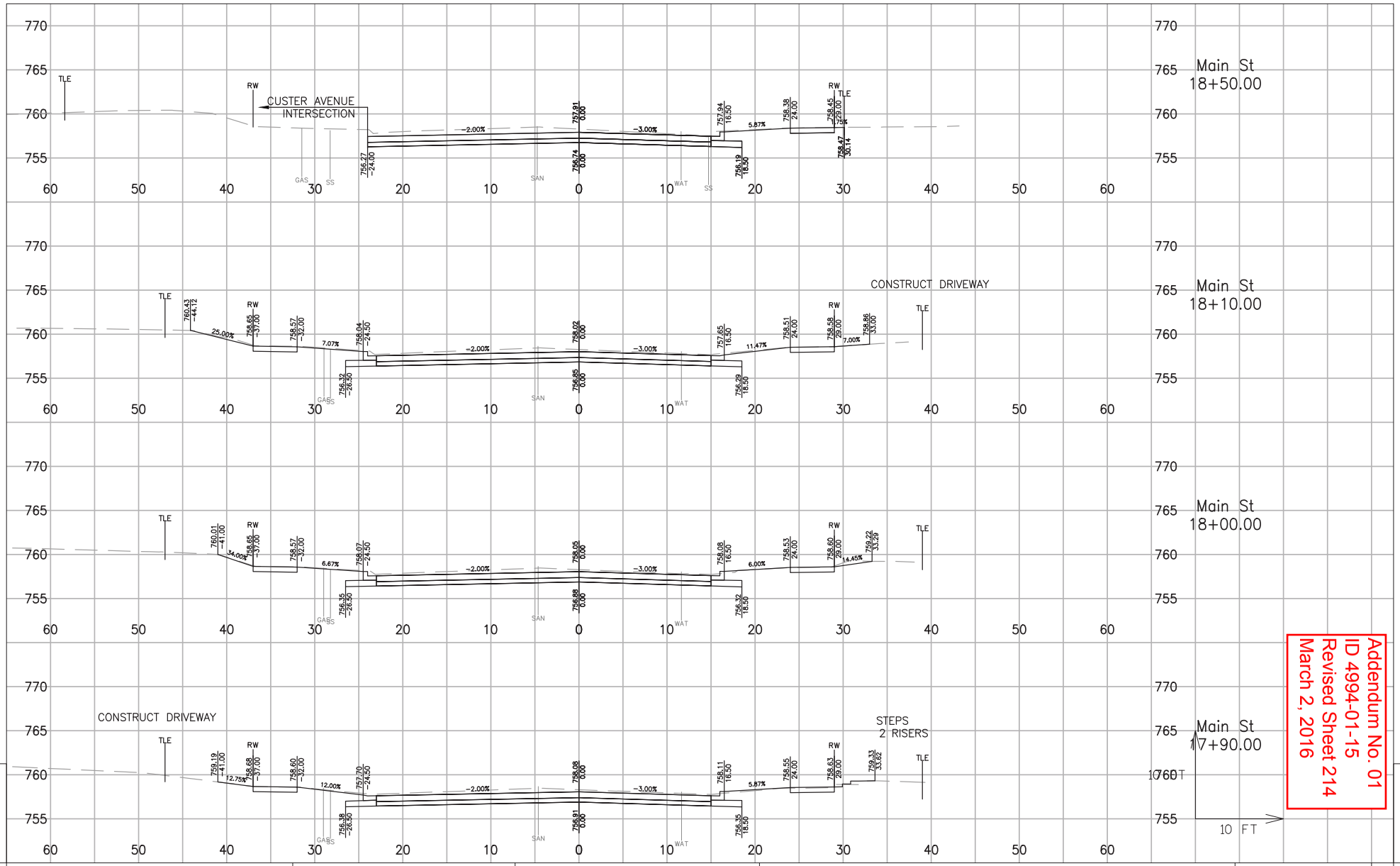
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 213 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-8

PLOT DATE : 2/29/2016 3:17 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-8, 2/29/2016 3:17:47 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 214
March 2, 2016

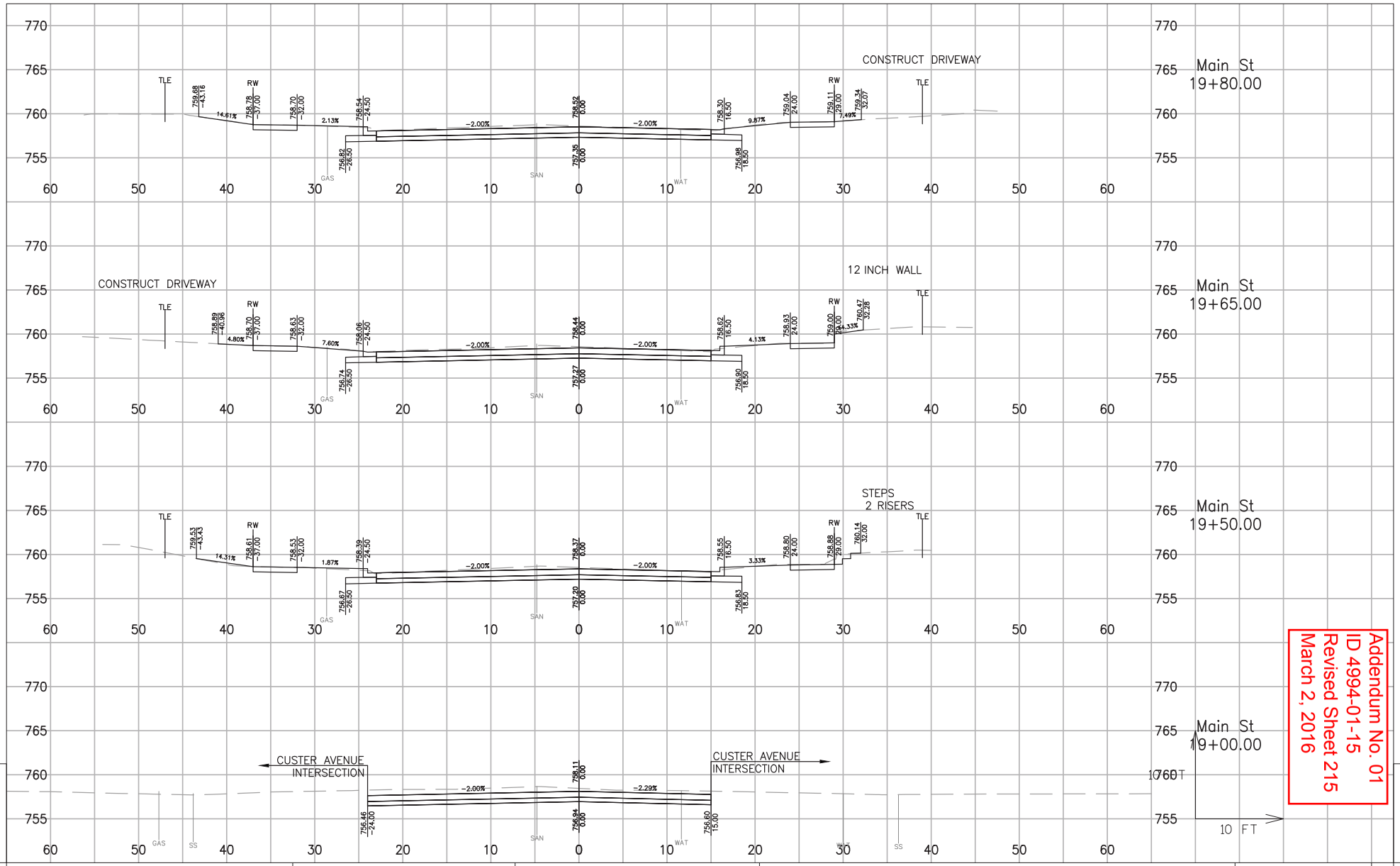
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 214	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-9

PLOT DATE : 3/1/2016 2:10 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-9, 3/1/2016 2:10:32 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 215
March 2, 2016

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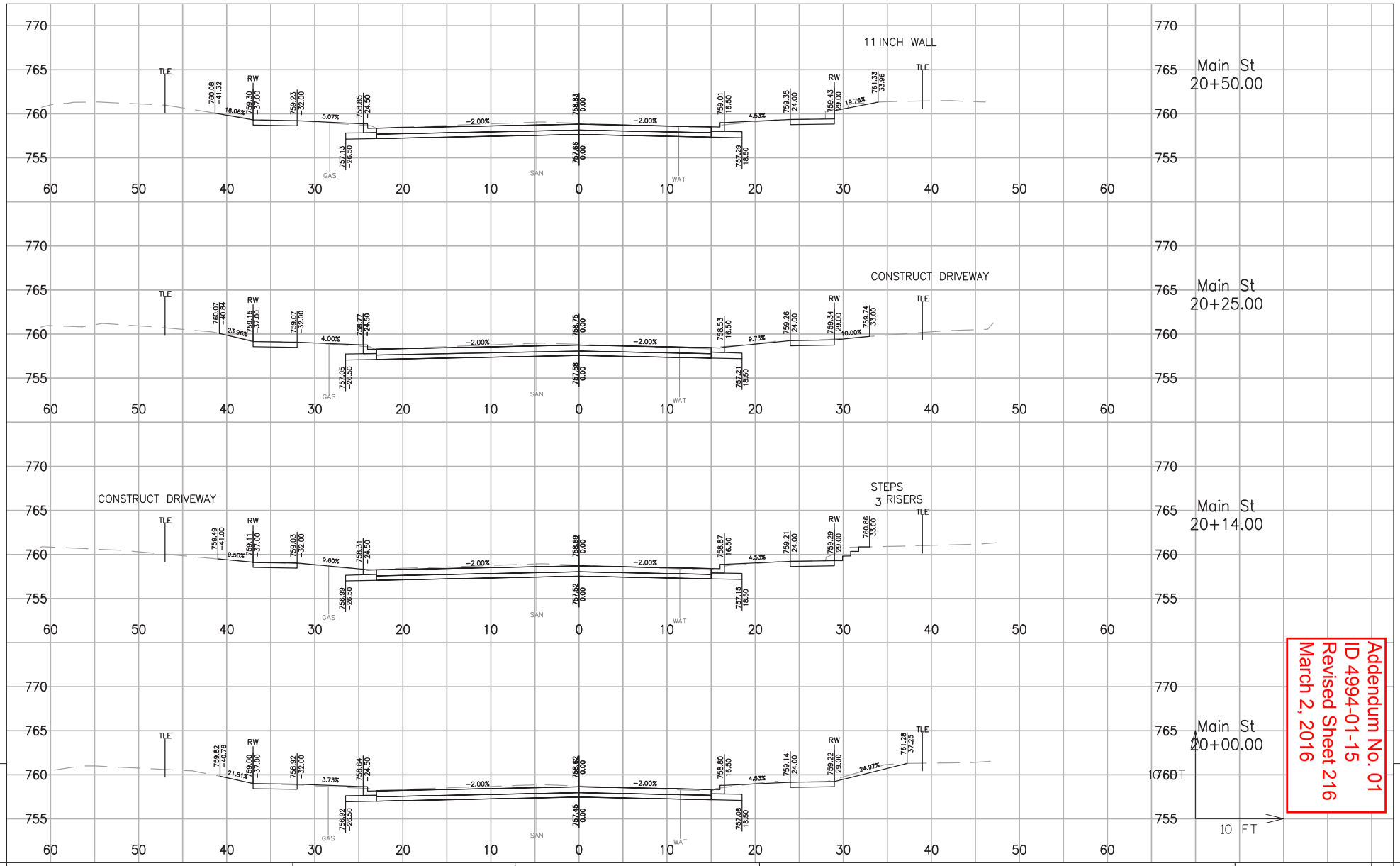
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 215 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-10

PLOT DATE : 2/29/2016 3:18 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-10, 2/29/2016 3:18:07 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 216
March 2, 2016

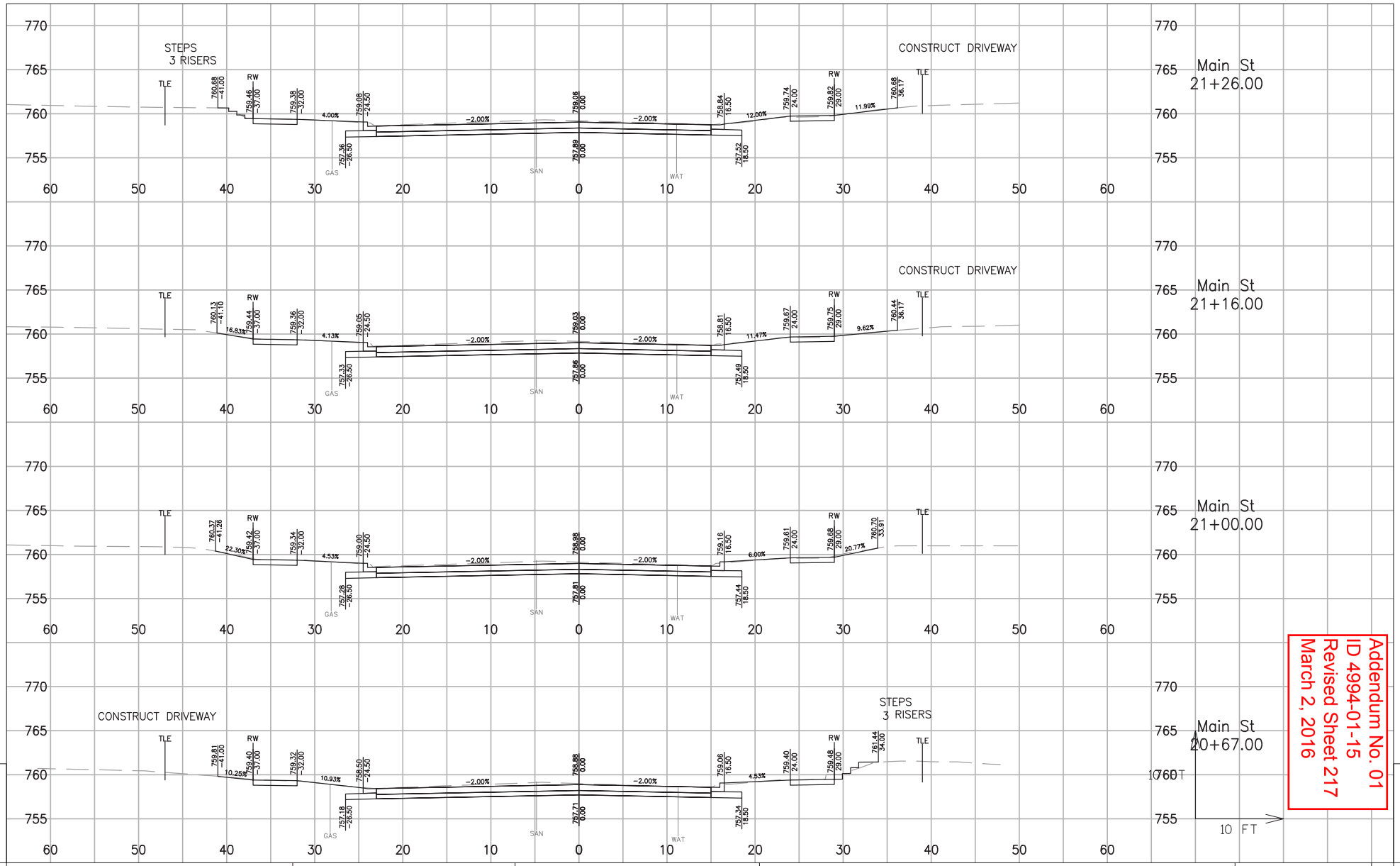
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 216 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-11

PLOT DATE : 2/29/2016 3:18 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-11, 2/29/2016 3:18:17 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 217
March 2, 2016

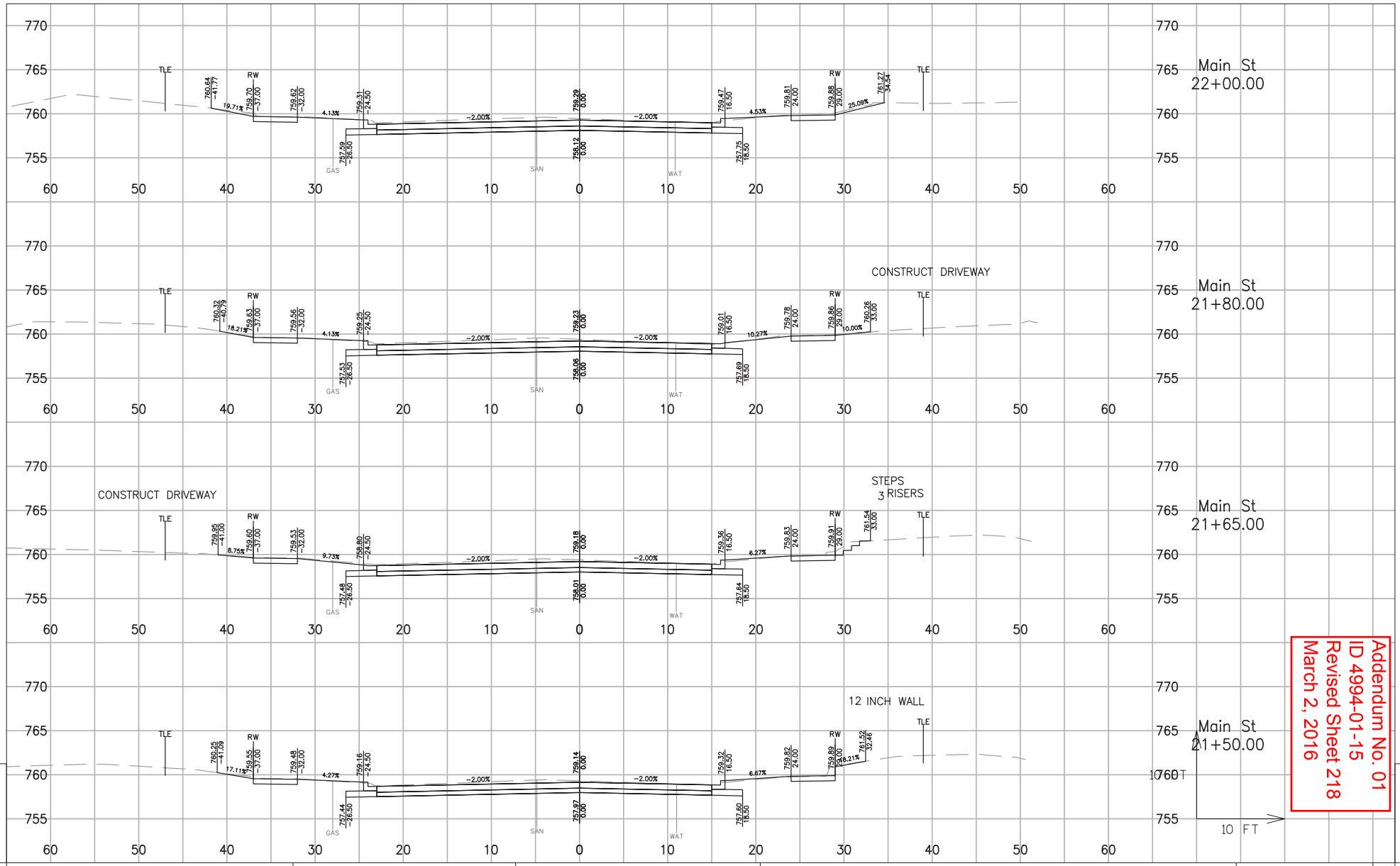
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 217	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-12

PLOT DATE : 2/29/2016 3:18 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-12, 2/29/2016 3:18:27 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 218
March 2, 2016

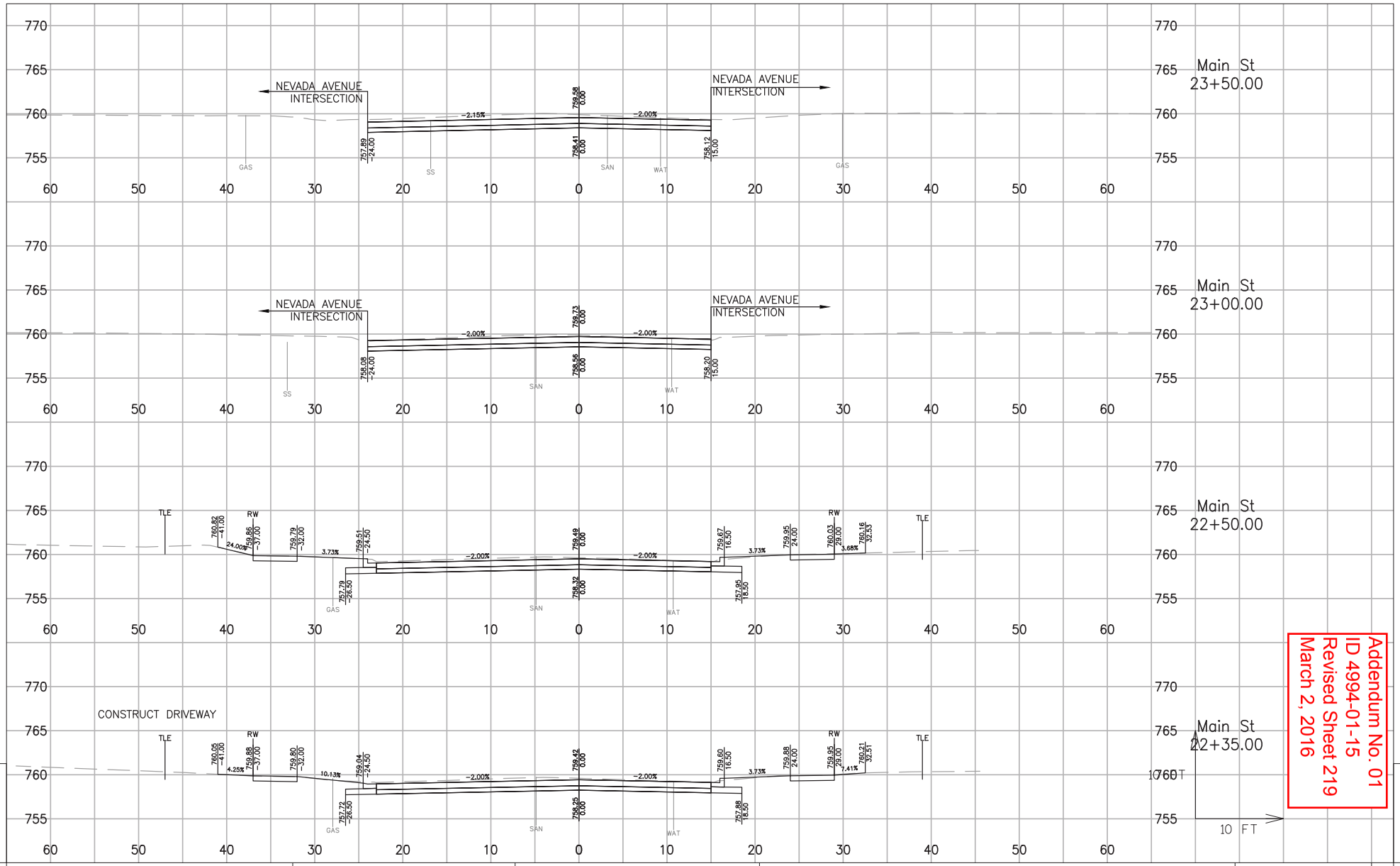
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 218	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-13

PLOT DATE : 2/29/2016 3:18 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-13, 2/29/2016 3:18:37 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 219
March 2, 2016

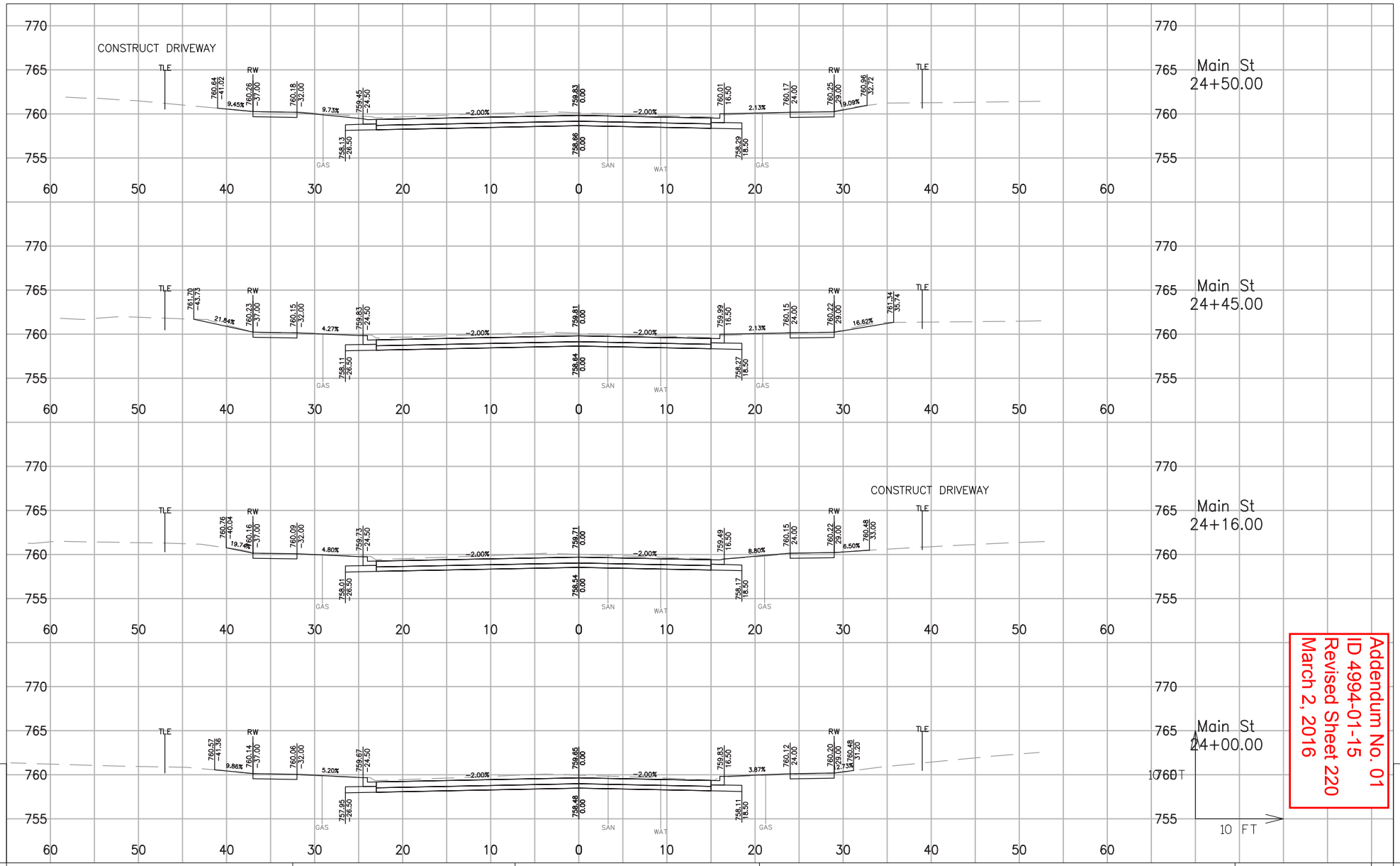
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 219	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-14

PLOT DATE : 2/29/2016 3:18 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-14, 2/29/2016 3:18:47 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 220
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 220 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-15

PLOT DATE : 2/29/2016 3:18 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

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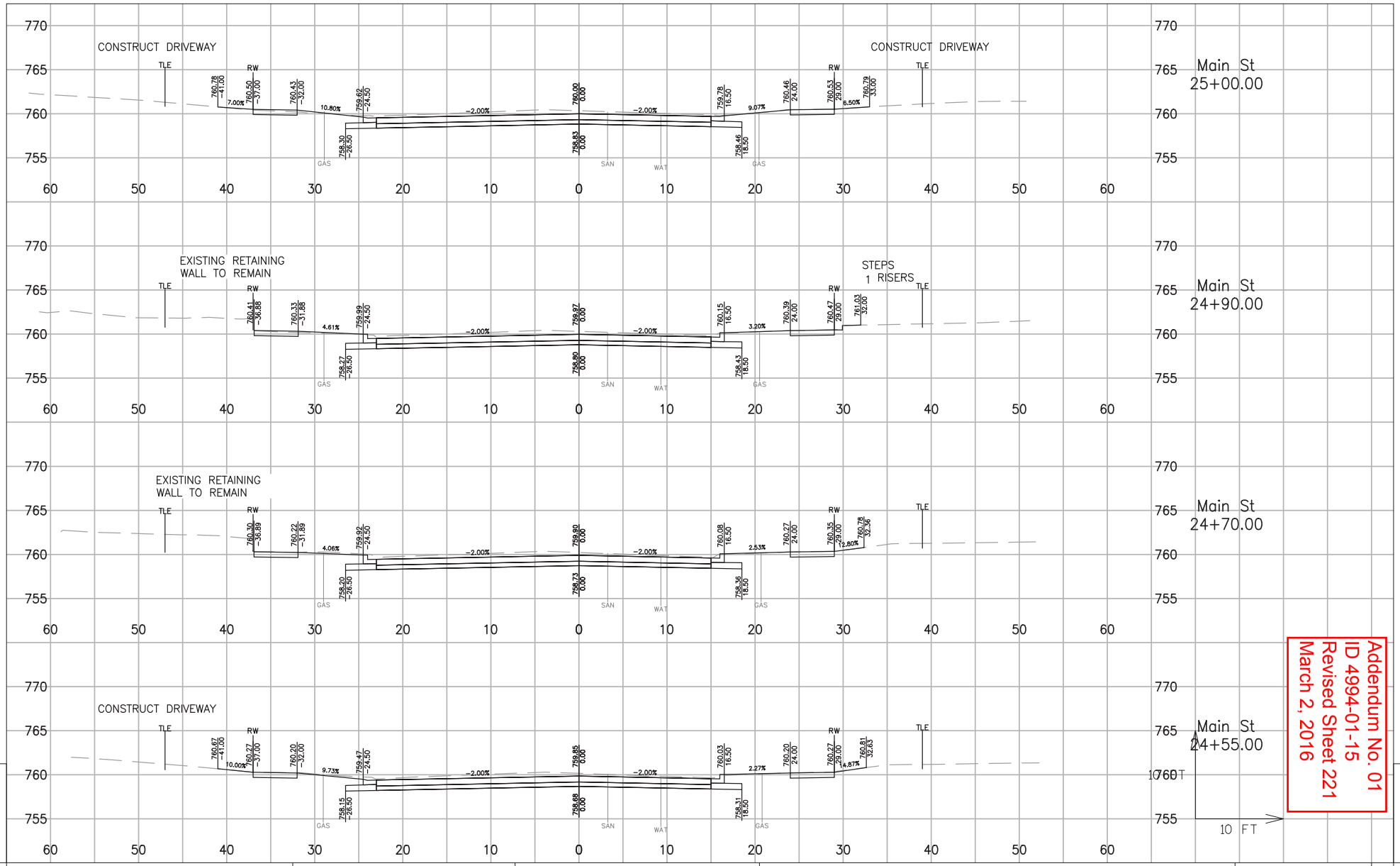


Addendum No. 01
ID 4994-01-15
Revised Sheet 221
March 2, 2016

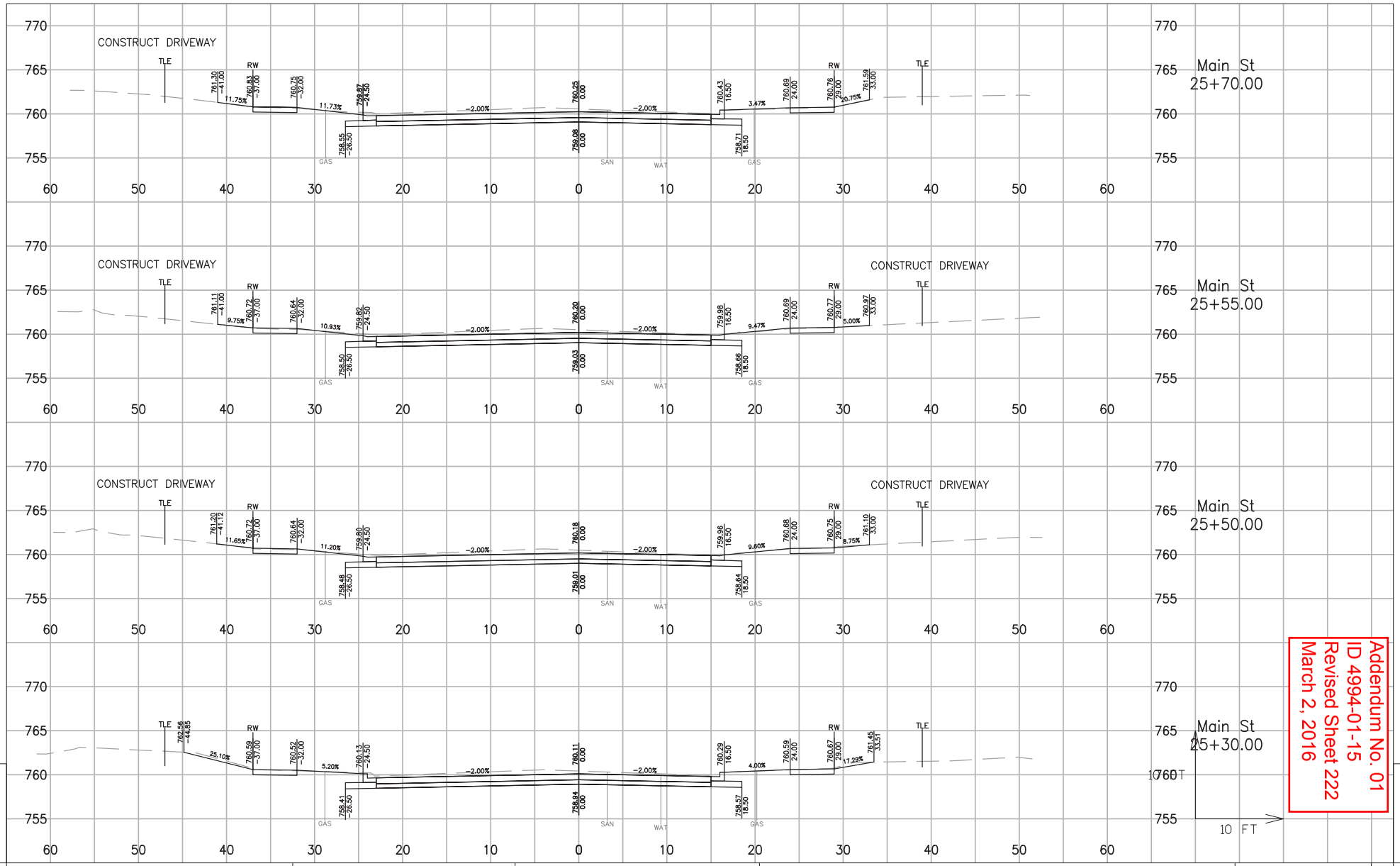
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 221	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-16

PLOT DATE : 2/29/2016 3:19 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-16, 2/29/2016 3:19:08 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 222
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 222	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-17

PLOT DATE : 2/29/2016 3:19 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

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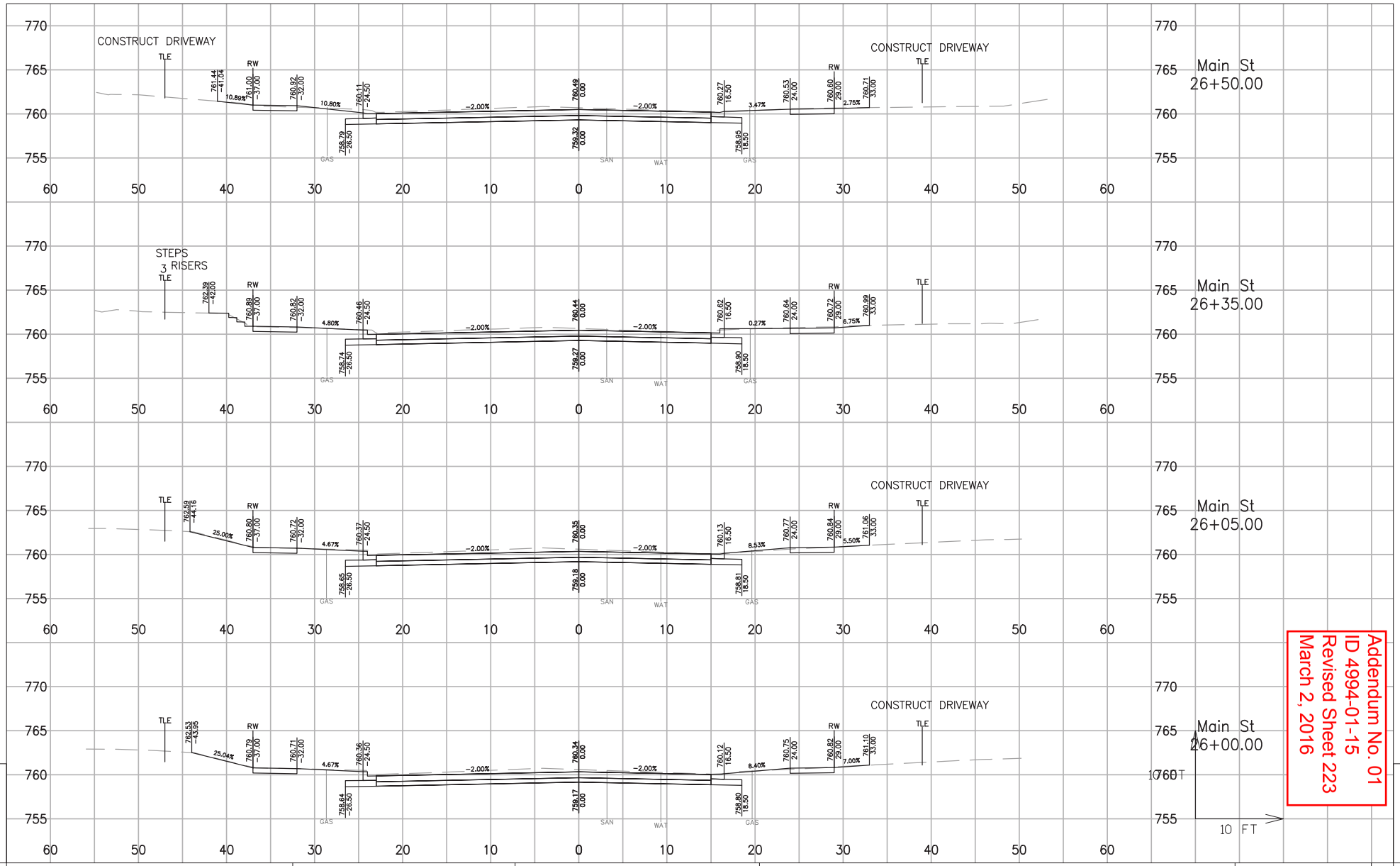

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PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 223 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-18

PLOT DATE : 2/29/2016 3:19 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

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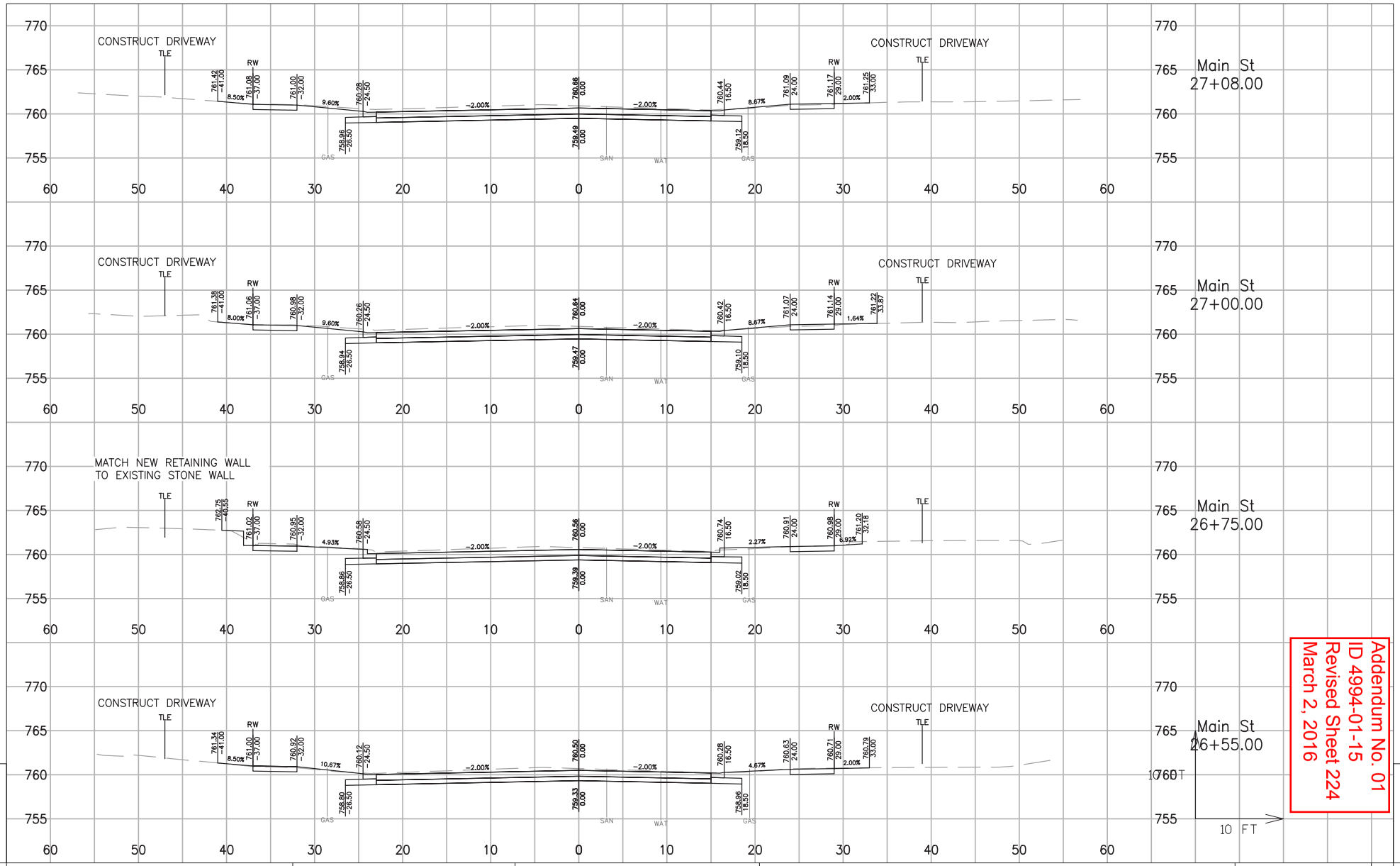


Addendum No. 01
ID 4994-01-15
Revised Sheet 224
March 2, 2016

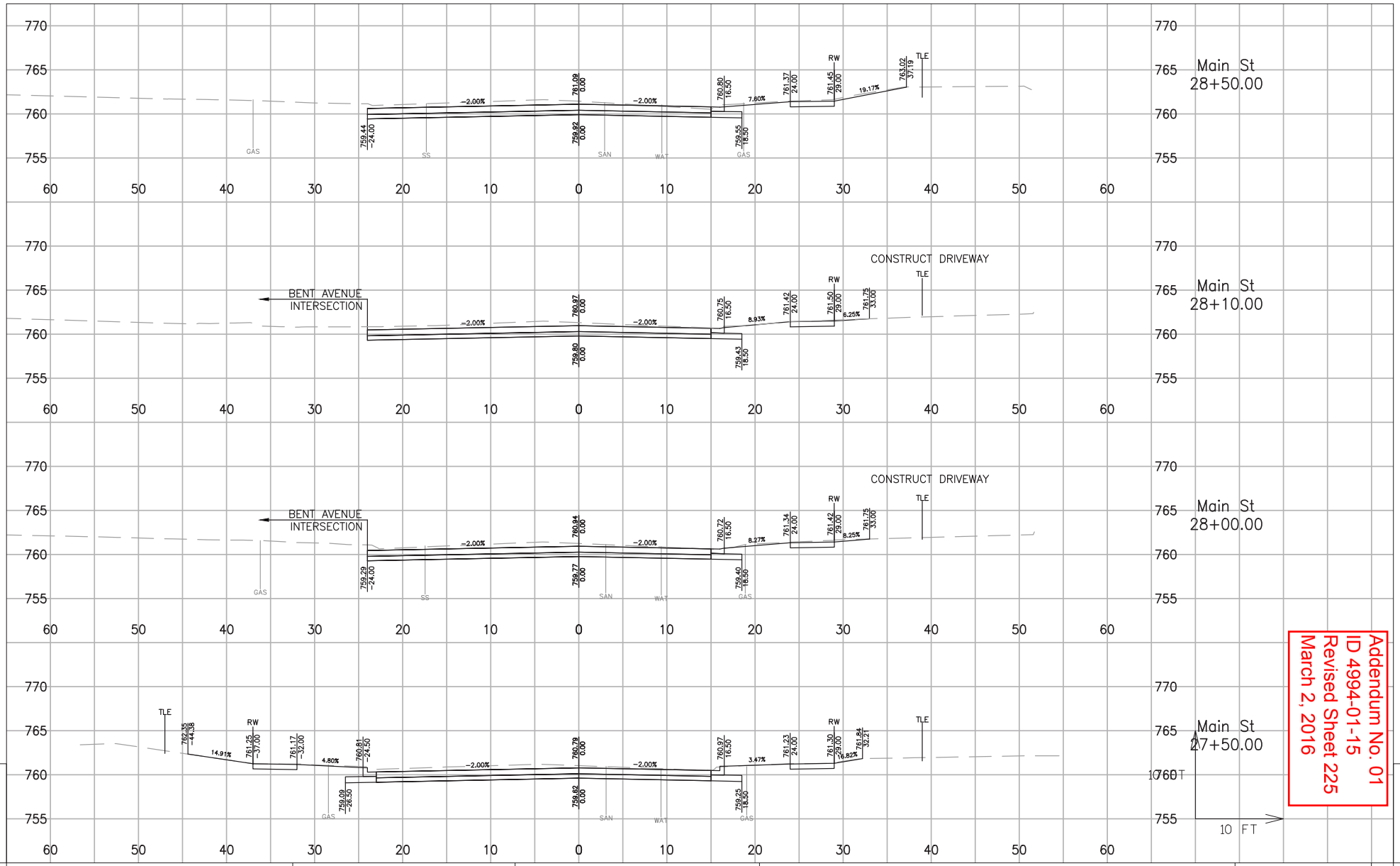
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 224	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-19

PLOT DATE : 2/29/2016 3:19 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-19, 2/29/2016 3:19:37 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 225
March 2, 2016

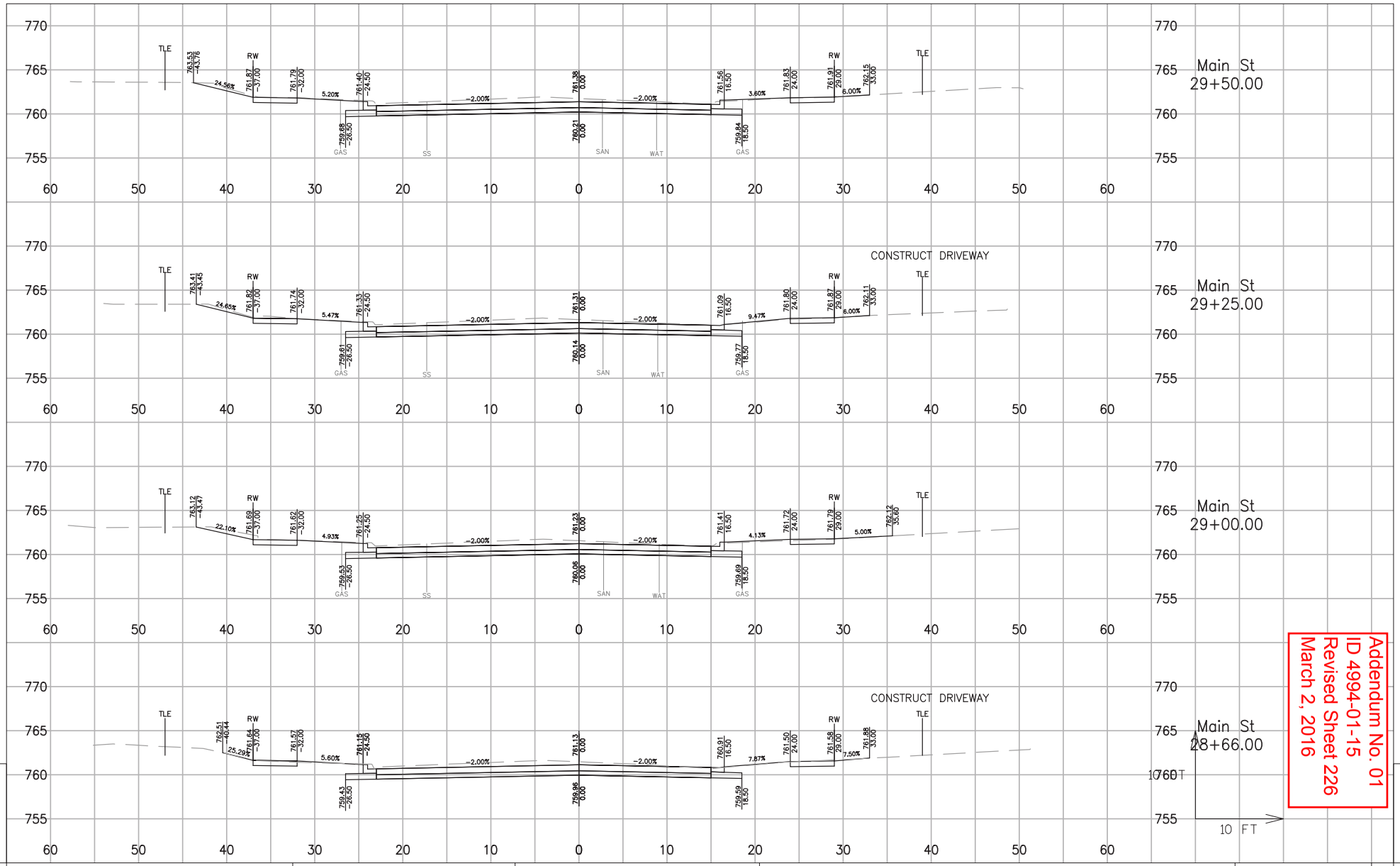
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 225 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-20

PLOT DATE : 2/29/2016 3:19 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-20, 2/29/2016 3:19:47 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 226
March 2, 2016

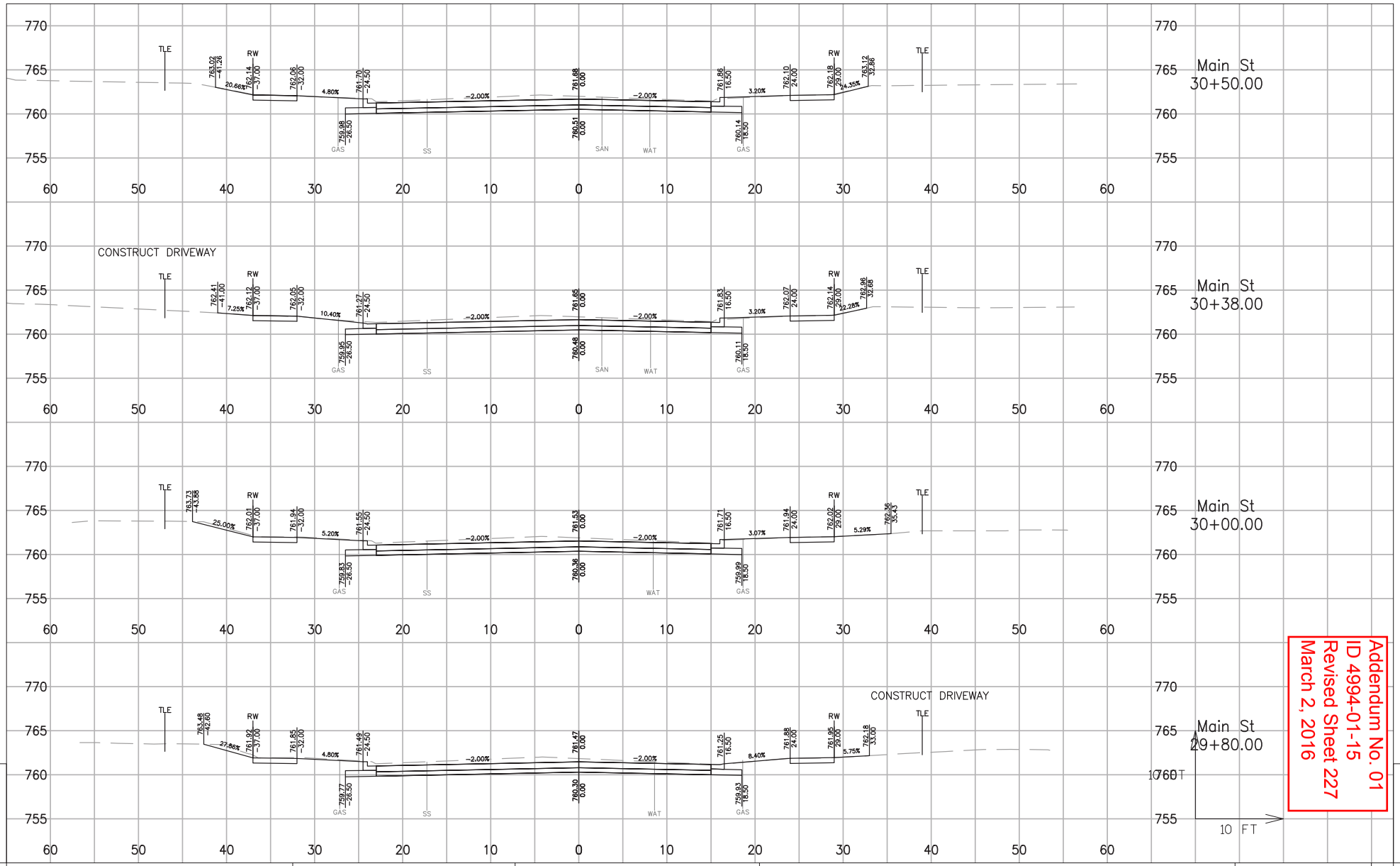
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 226 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-21

PLOT DATE : 2/29/2016 3:19 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-21, 2/29/2016 3:19:58 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 227
March 2, 2016

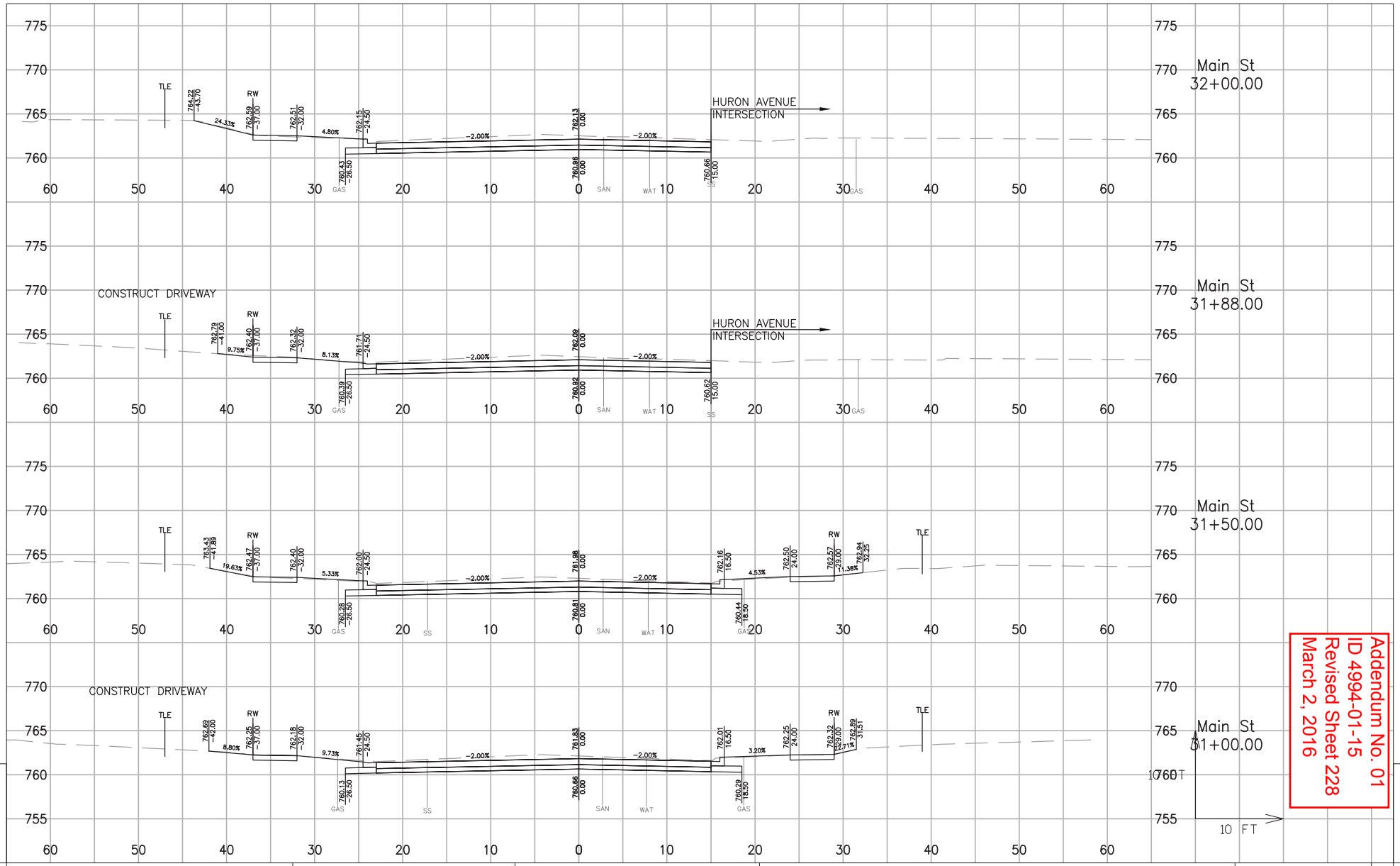
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 227 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-22

PLOT DATE : 2/29/2016 3:20 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-22, 2/29/2016 3:20:07 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 228
March 2, 2016

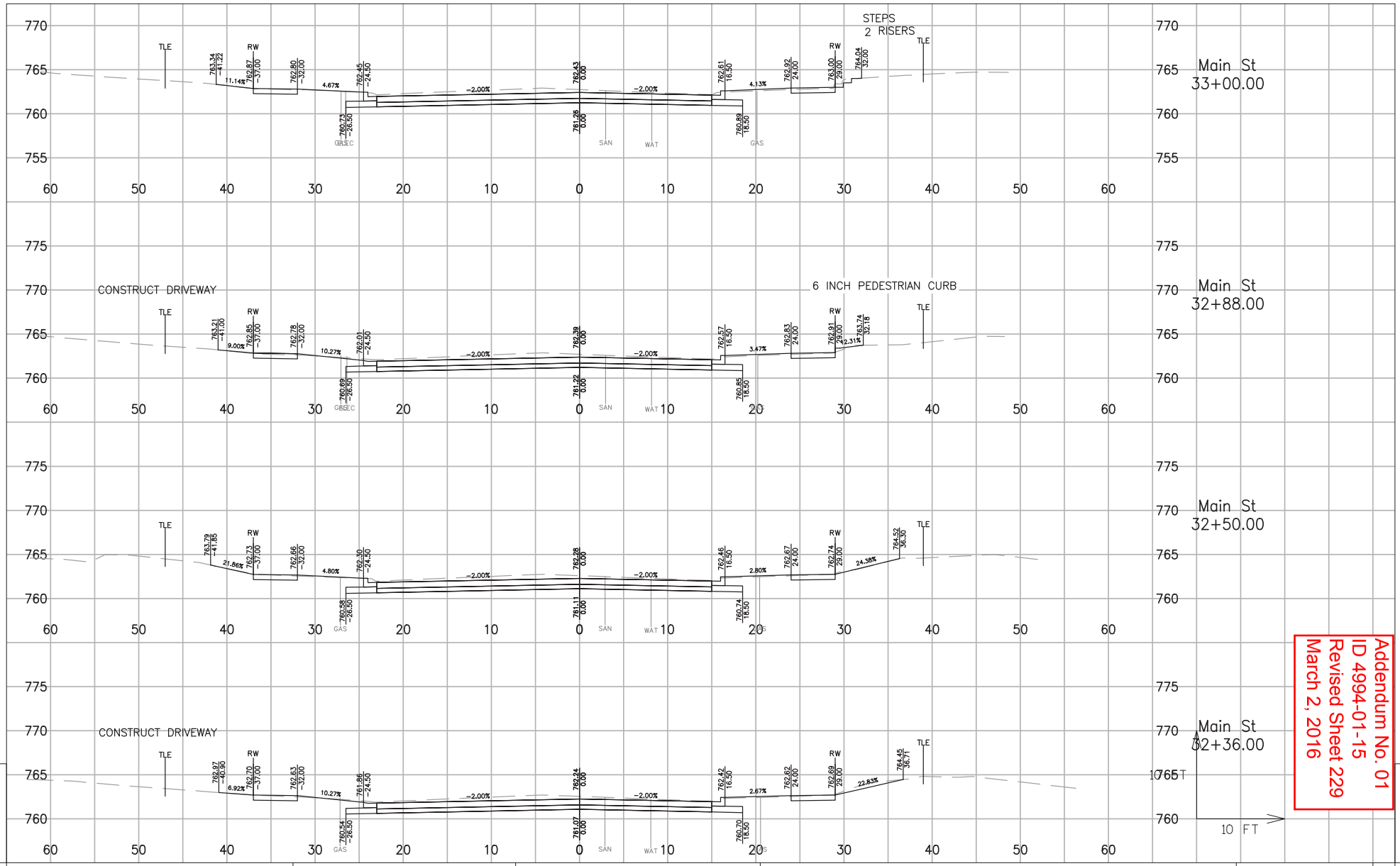
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 228	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-23

PLOT DATE : 2/29/2016 3:20 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-23, 2/29/2016 3:20:17 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 229
March 2, 2016

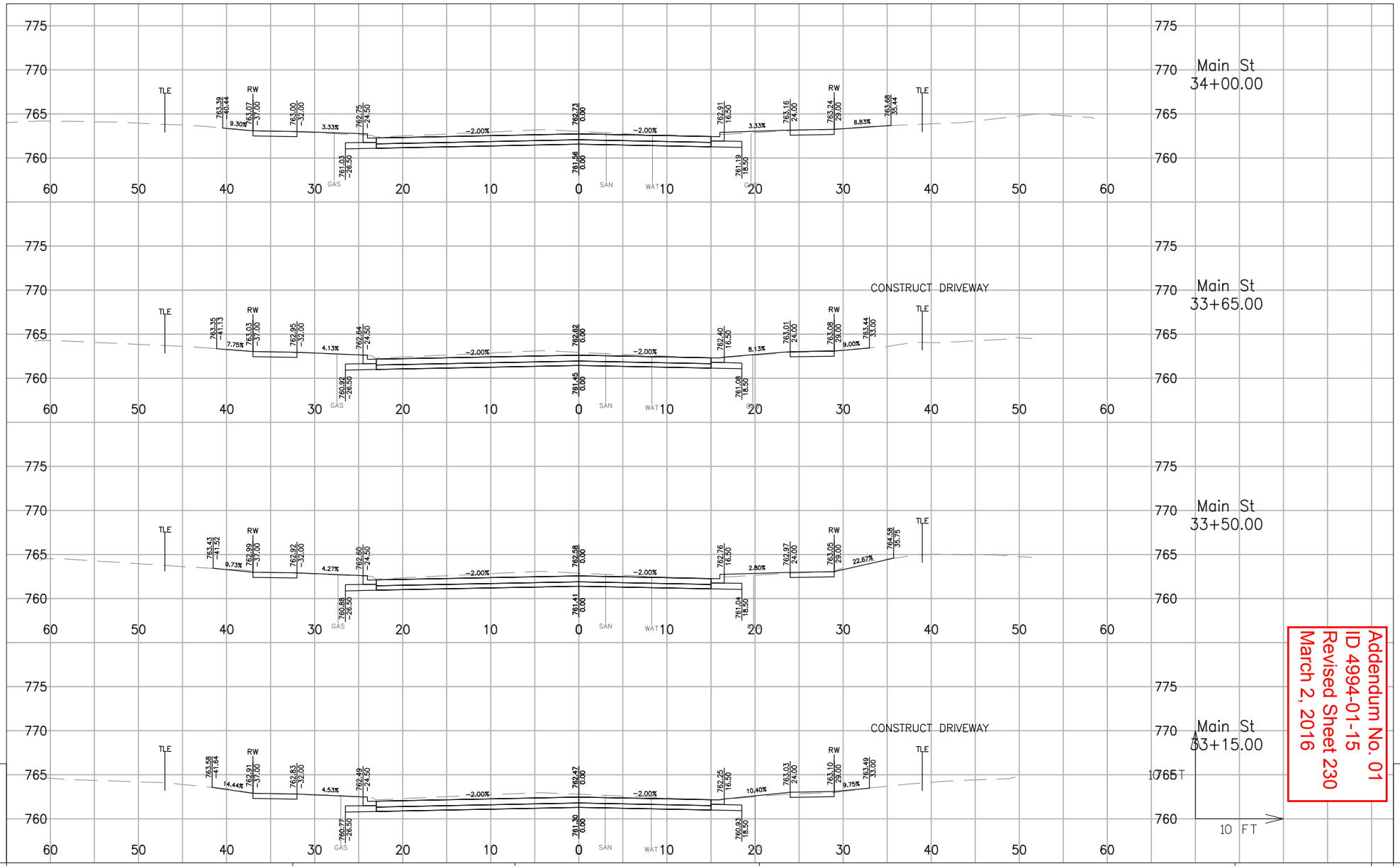
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 229 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-24

PLOT DATE : 2/29/2016 3:20 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-24, 2/29/2016 3:20:27 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 230
March 2, 2016

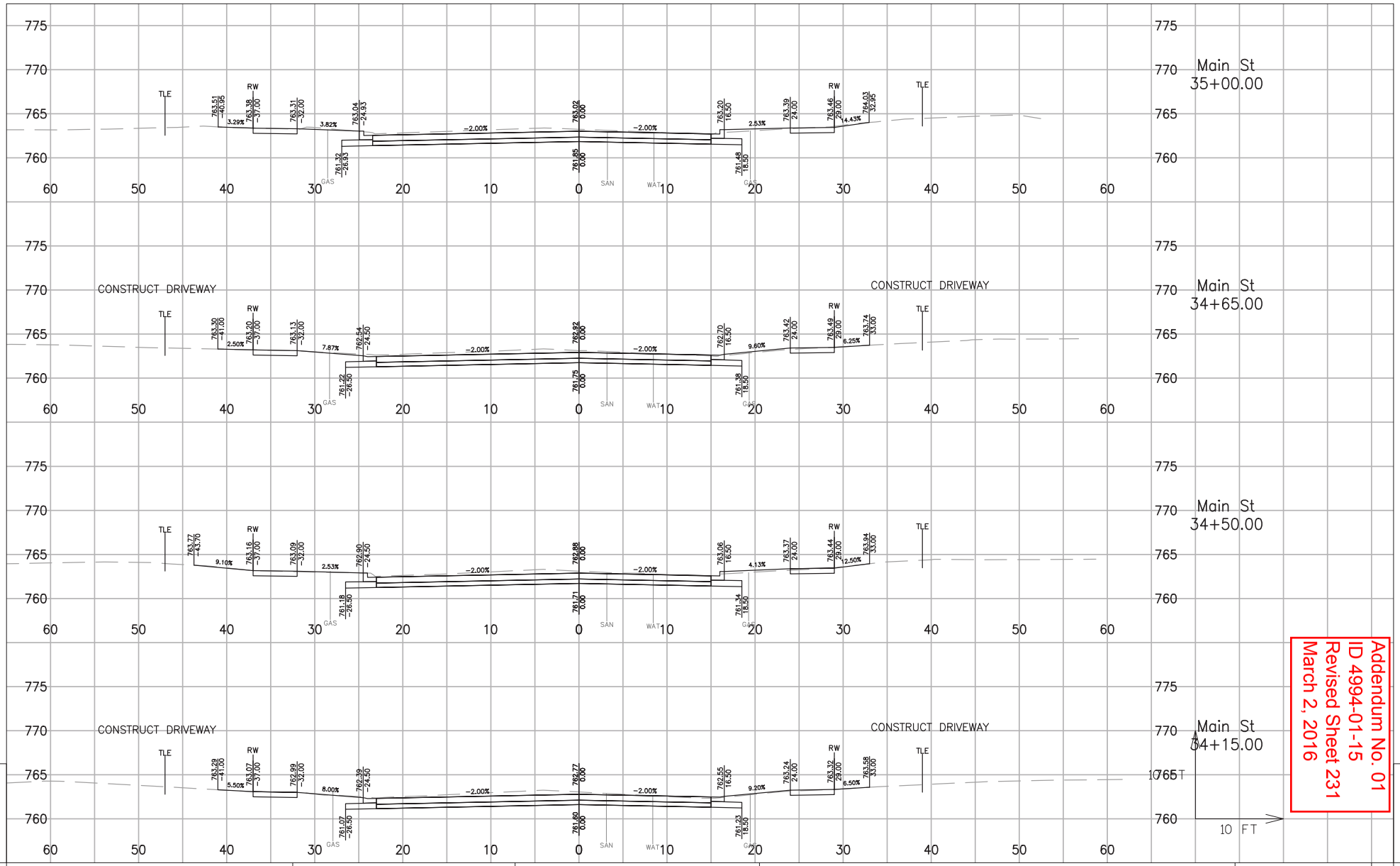
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 230 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-25

PLOT DATE : 2/29/2016 3:20 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-25, 2/29/2016 3:20:38 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 231
March 2, 2016

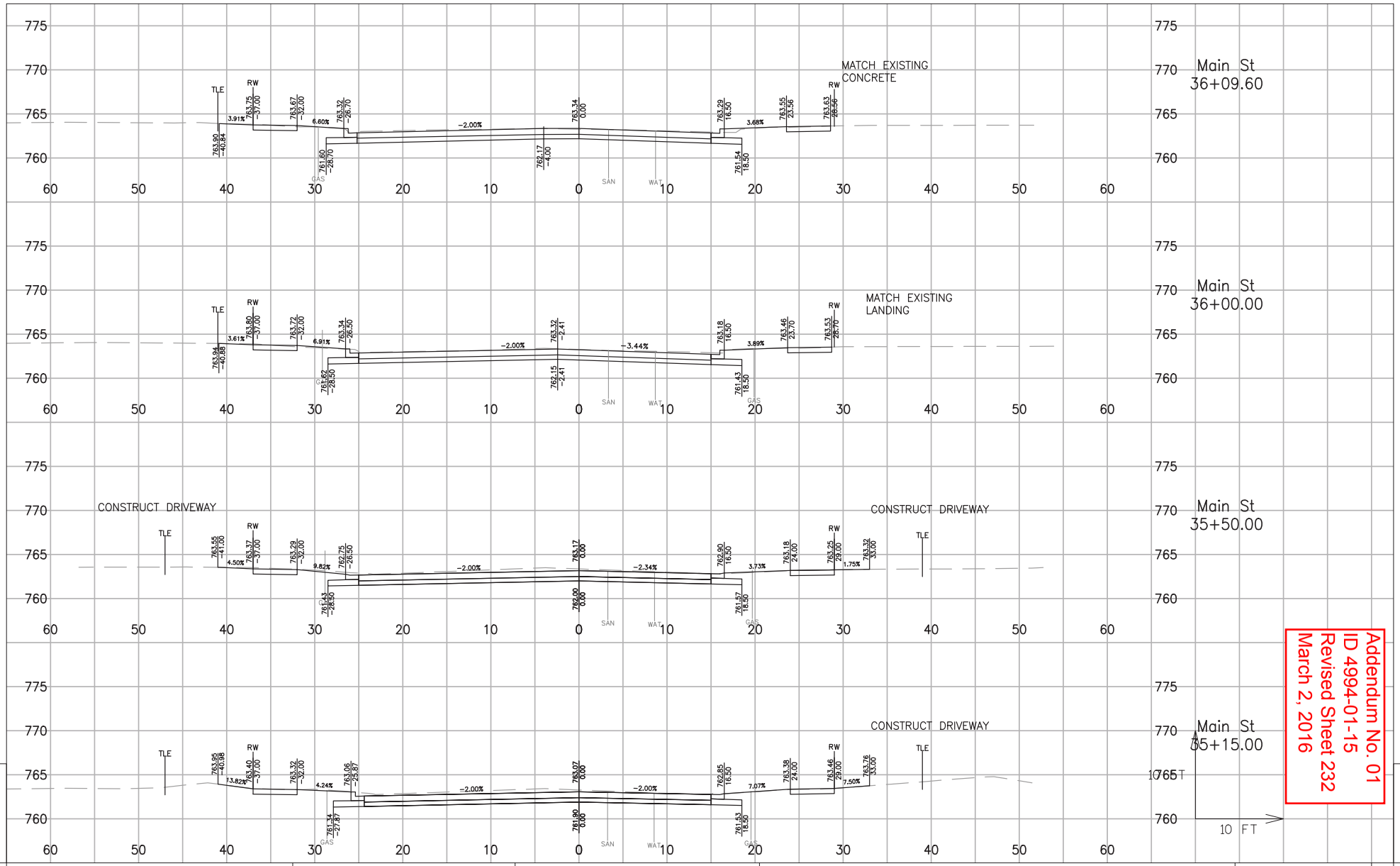
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 231 E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-26

PLOT DATE : 2/29/2016 3:20 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-26, 2/29/2016 3:20:47 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 232
March 2, 2016

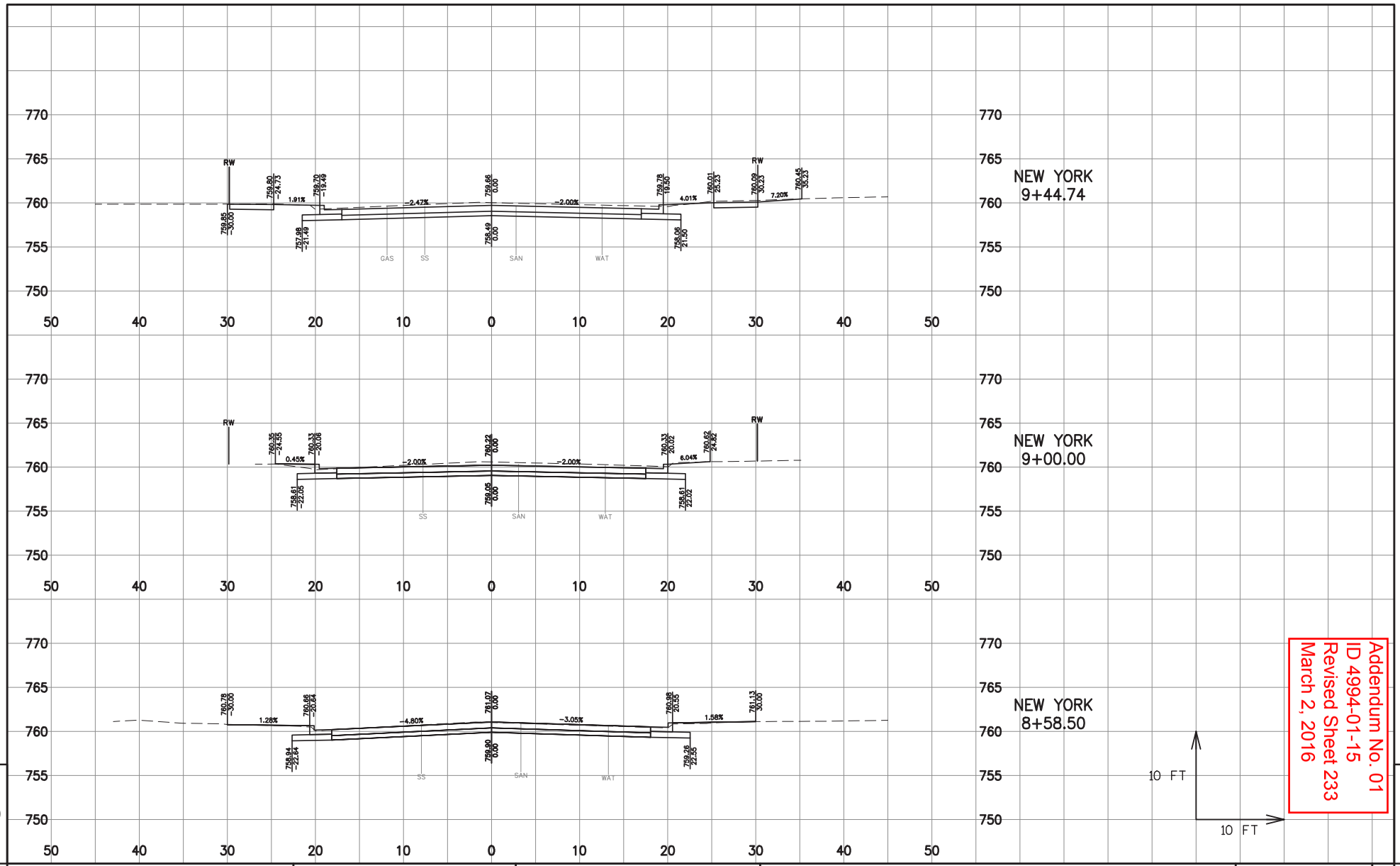
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: N. MAIN STREET	SHEET 232	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST 3D.DWG
LAYOUT NAME - MAINXS-27

PLOT DATE : 2/29/2016 3:20 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01-Plan Preparation\09-Cross Sections\Main St 3D.dwg, MainXS-27, 2/29/2016 3:20:57 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 233
March 2, 2016

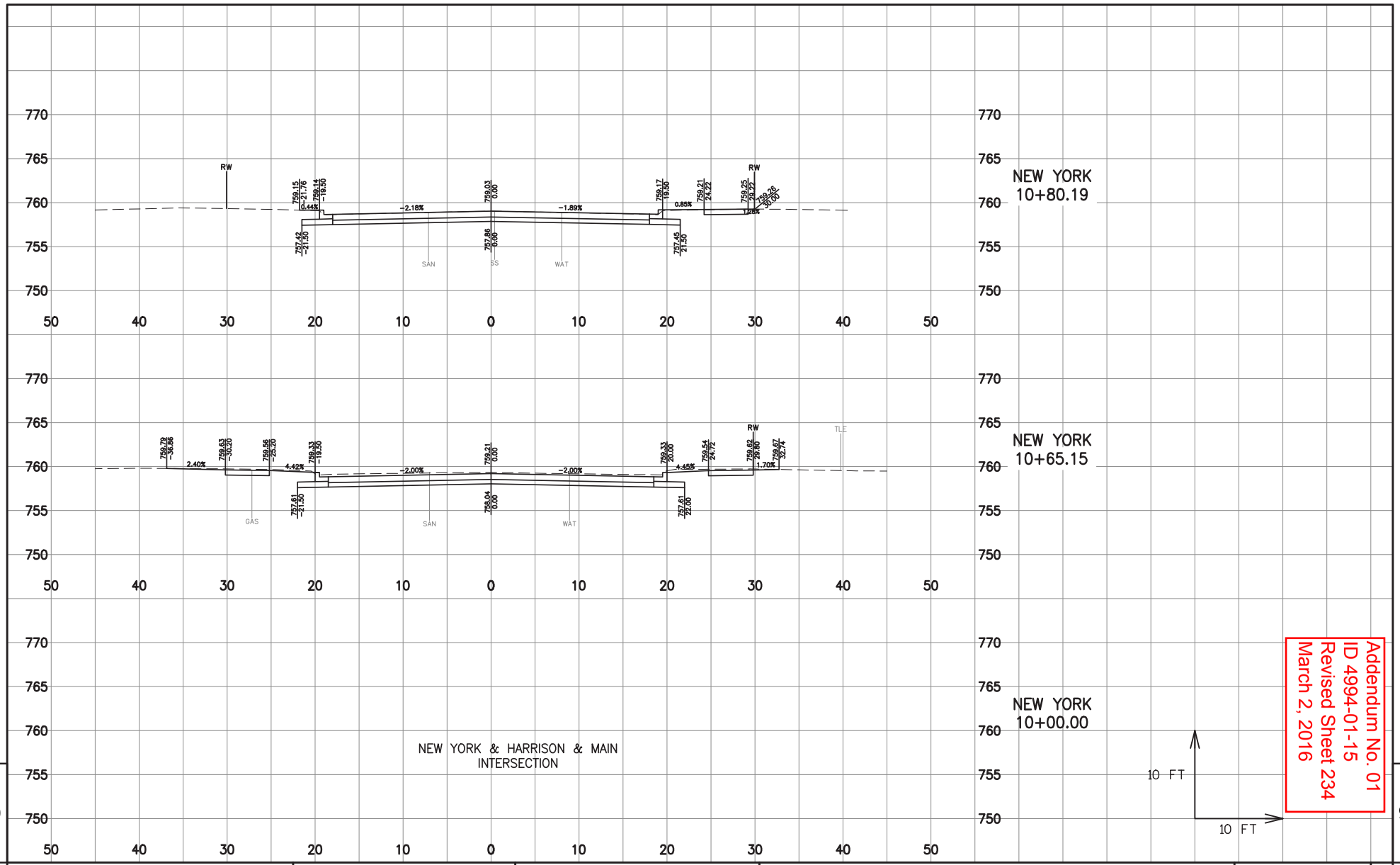
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: NEW YORK AVENUE	SHEET 233	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST SIDEROADS XS.DWG
LAYOUT NAME - NY XS

PLOT DATE : 2/29/2016 10:51 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St Sideroads XS.dwg, 1 NY XS, 2/29/2016 10:51:15 PM, RKubat, 1:1



NEW YORK & HARRISON & MAIN
INTERSECTION

10 FT
10 FT

Addendum No. 01
ID 4994-01-15
Revised Sheet 234
March 2, 2016

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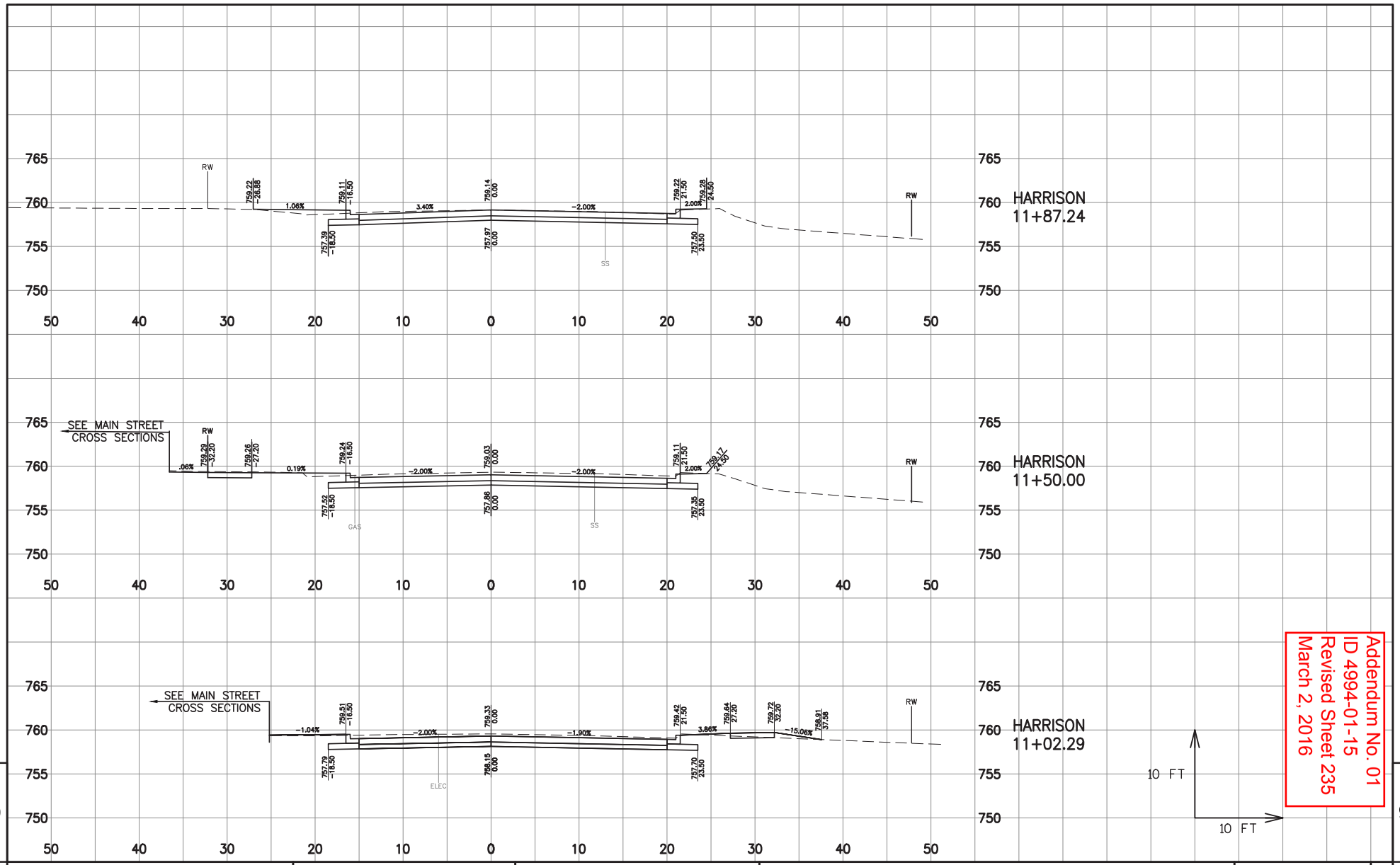
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: NEW YORK AVENUE	SHEET 234	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST SIDEROADS XS.DWG
LAYOUT NAME - NY XS

PLOT DATE : 2/29/2016 10:50 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St Sideroads XS.dwg, 2 NY XS, 2/29/2016 10:50:46 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 235
March 2, 2016

9

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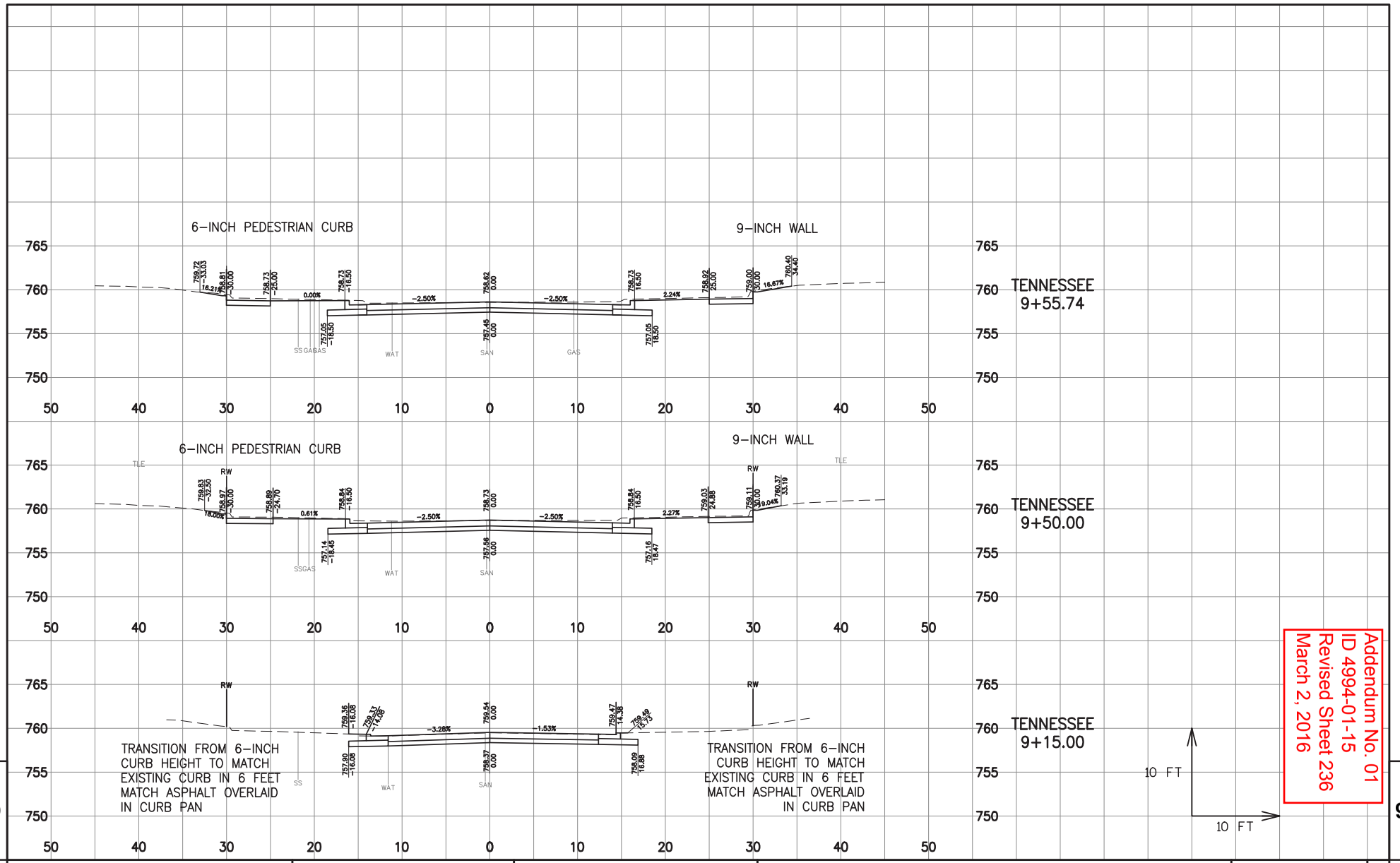
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: HARRISON STREET	SHEET 235	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST SIDEROADS XS.DWG
LAYOUT NAME - H XS

PLOT DATE : 2/29/2016 10:50 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St Sideroads XS.dwg, 5 H XS, 2/29/2016 10:50:27 PM, RKubat, 1:1

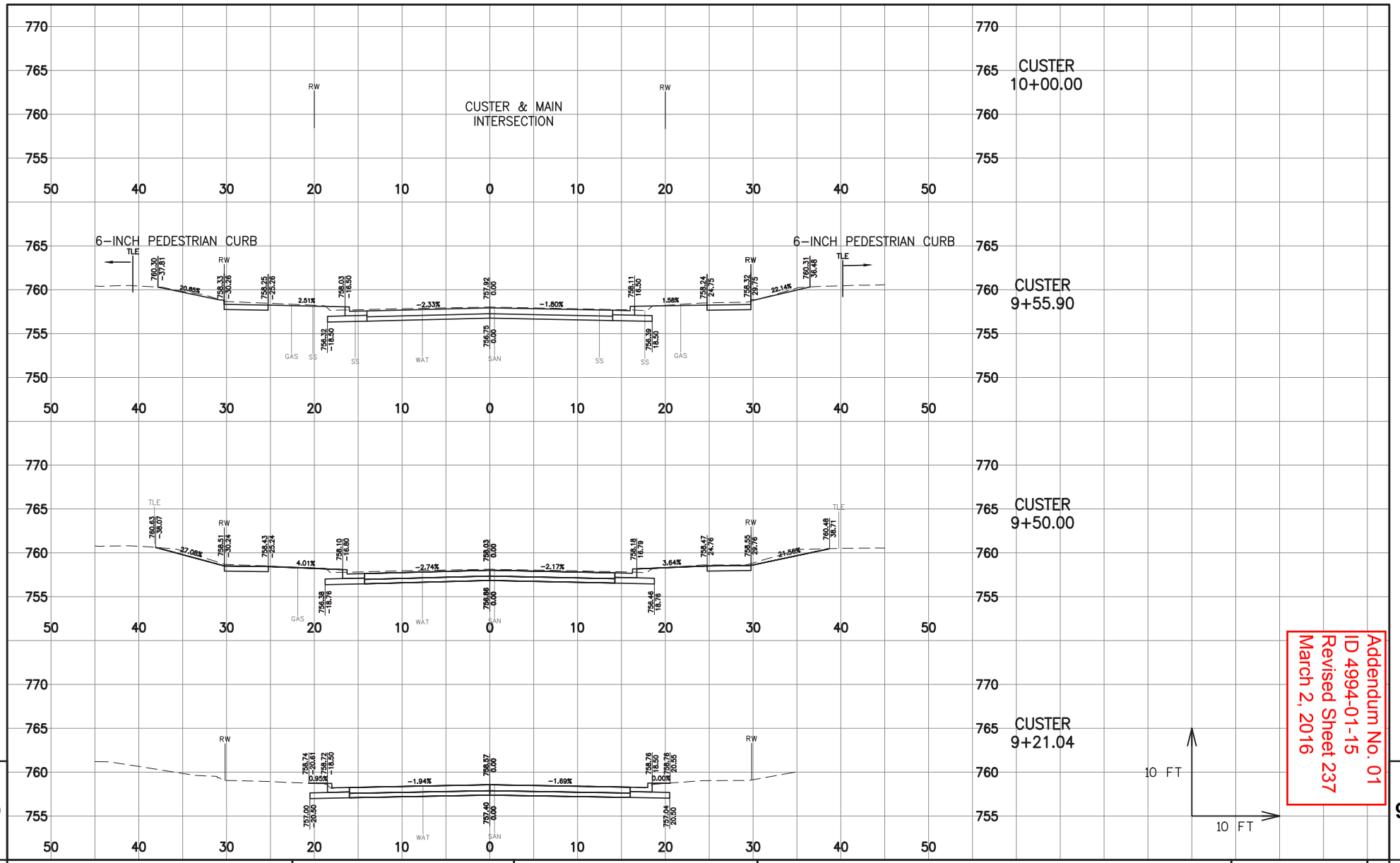


Addendum No. 01
ID 4994-01-15
Revised Sheet 236
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: TENNESSEE AVENUE	SHEET 236	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST SIDEROADS XS.DWG
LAYOUT NAME - T XS
PLOT DATE : 2/29/2016 10:50 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St Sideroads XS.dwg, 7 T XS, 2/29/2016 10:50:09 PM, RKubat, 1:1

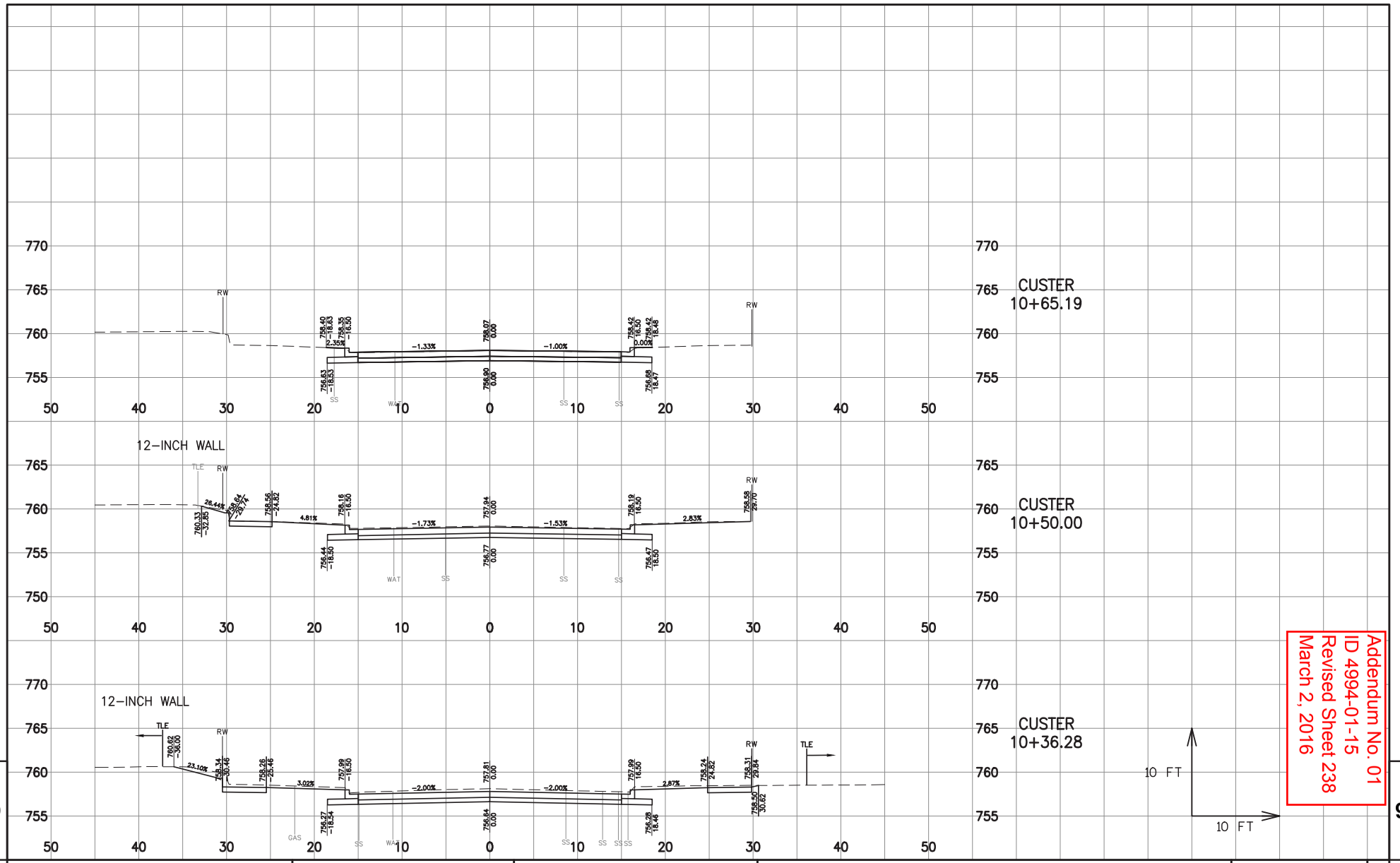


Addendum No. 01
ID 4994-01-15
Revised Sheet 237
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: CUSTER AVENUE	SHEET 237	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST SIDEROADS XS.DWG
LAYOUT NAME - C XS
PLOT DATE : 2/29/2016 10:48 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St Sideroads XS.dwg, 10 C XS, 2/29/2016 10:48:03 PM, RKubat, 1:1

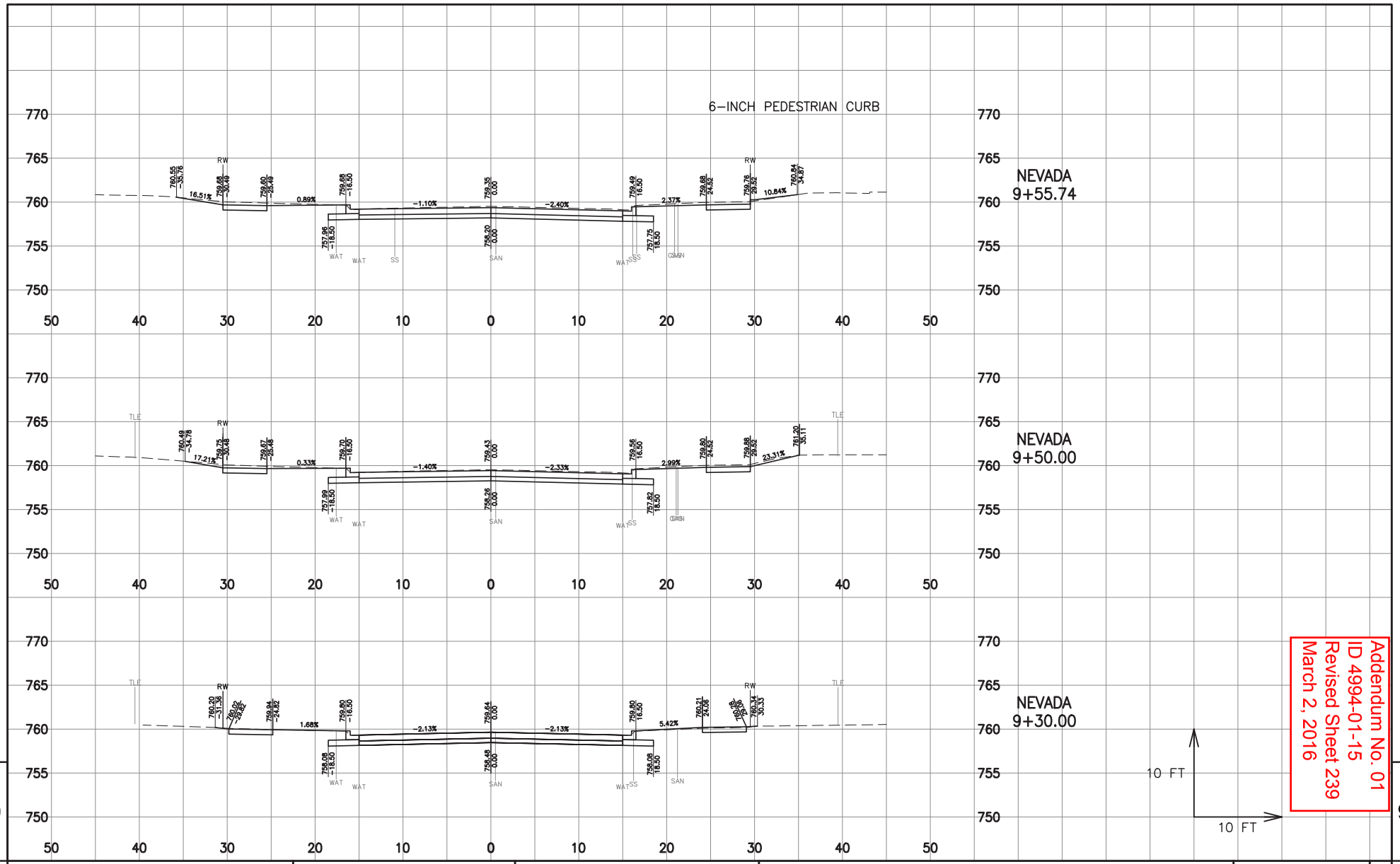


Addendum No. 01
ID 4994-01-15
Revised Sheet 238
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: CUSTER AVENUE	SHEET 238	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST SIDEROADS XS.DWG
LAYOUT NAME - C XS
PLOT DATE : 2/29/2016 10:49 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St Sideroads XS.dwg, 11 C XS, 2/29/2016 10:49:46 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 239
March 2, 2016

9

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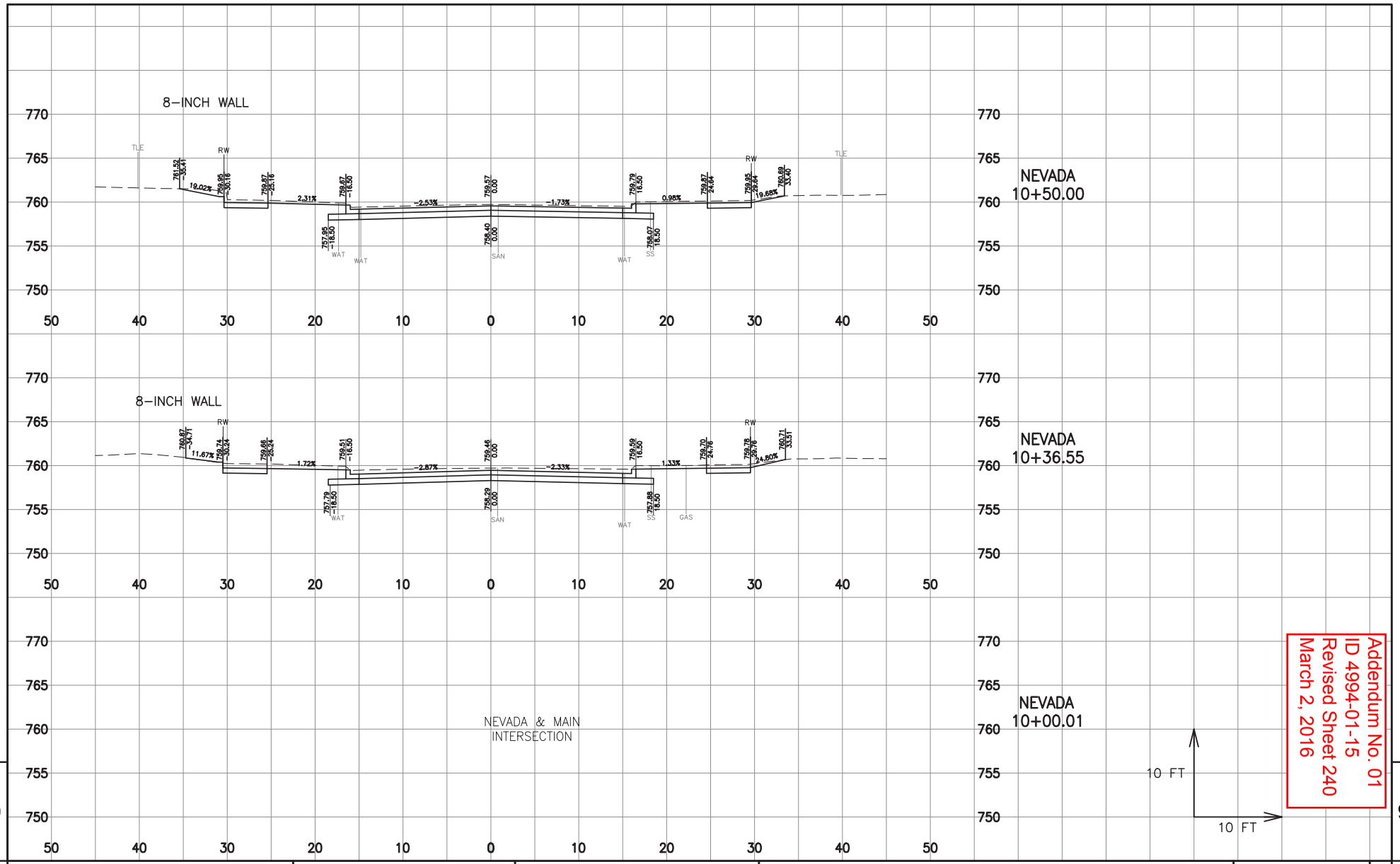
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: NEVADA AVENUE	SHEET 239	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST NEVADA S1.DWG
LAYOUT NAME - 15 N XS

PLOT DATE : 2/29/2016 10:52 PM PLOT BY : ANDREA MUELLER PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

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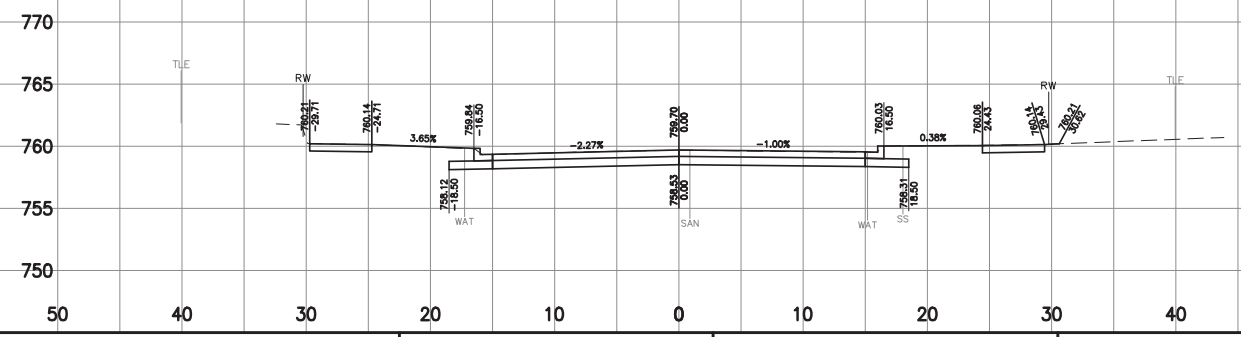
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: NEVADA AVENUE	SHEET 240	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST NEVADA S1.DWG
LAYOUT NAME - 16 N XS

PLOT DATE : 2/29/2016 10:52 PM PLOT BY : ANDREA MUELLER PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



NEVADA
10+67.00

10 FT
10 FT

Addendum No. 01
ID 4994-01-15
Revised Sheet 241
March 2, 2016

9

9

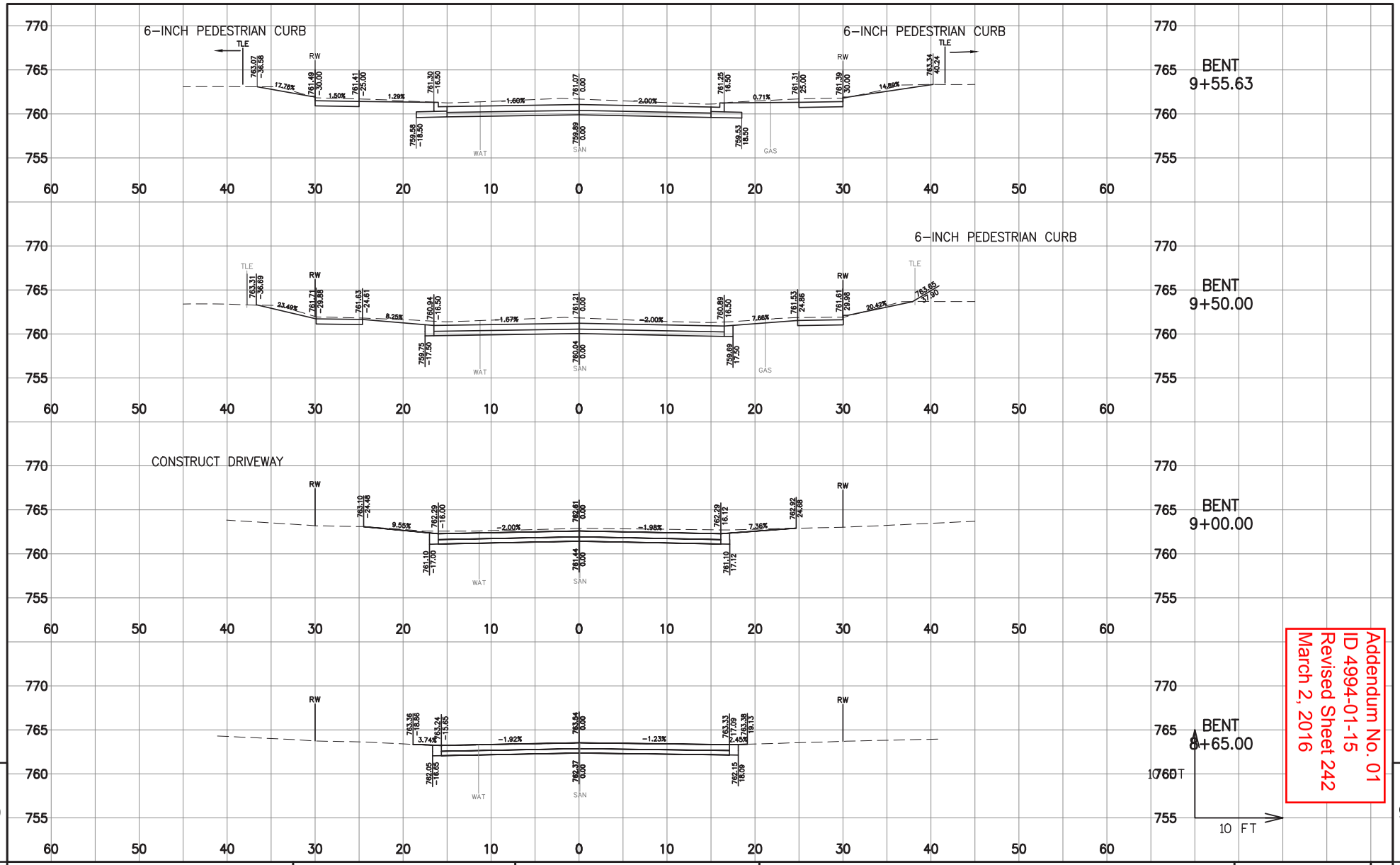
PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: NEVADA AVENUE	SHEET 241	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST NEVADA S1.DWG
LAYOUT NAME - 17 N XS

PLOT DATE : 2/29/2016 10:52 PM PLOT BY : ANDREA MUELLER PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

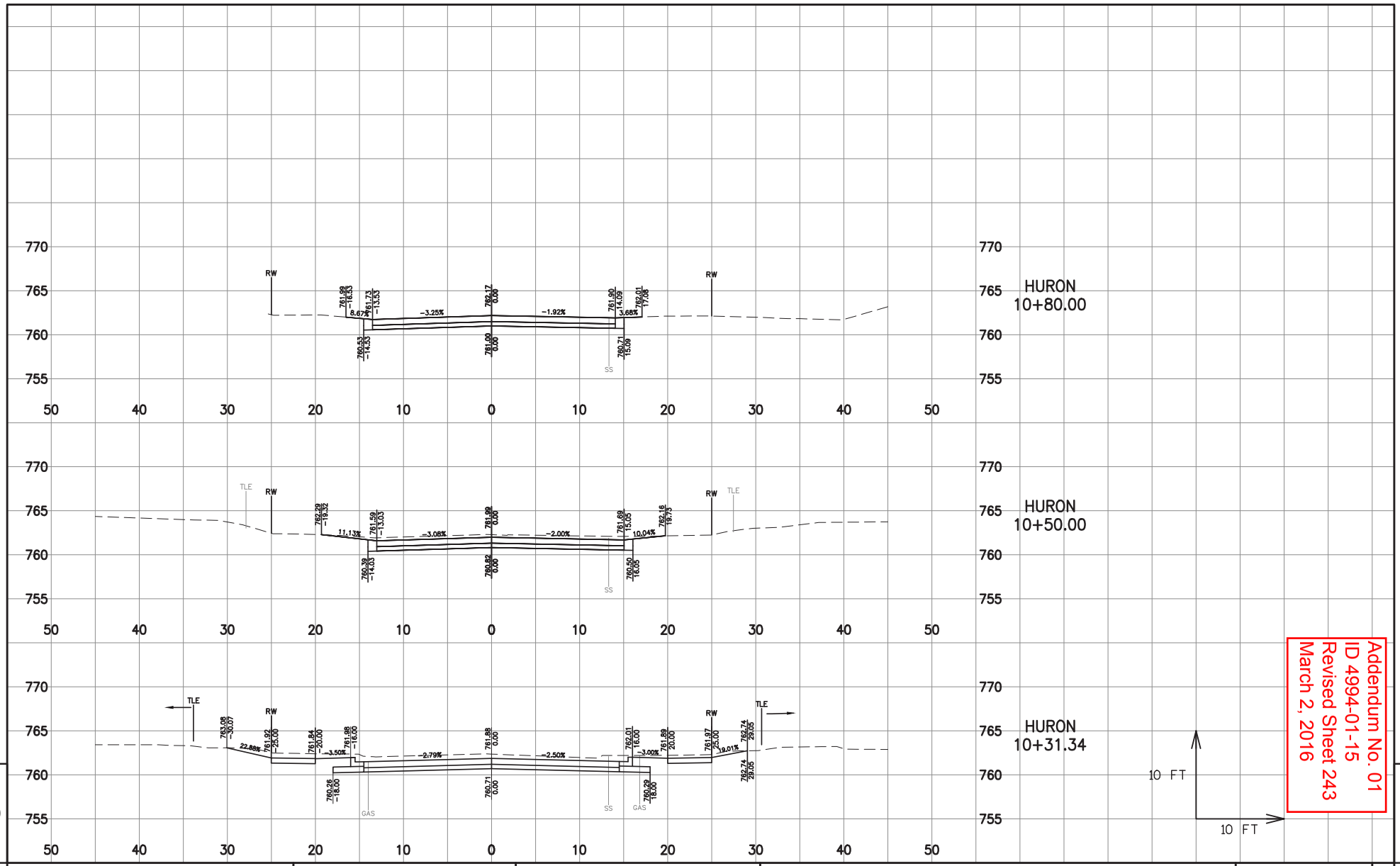


Addendum No. 01
ID 4994-01-15
Revised Sheet 242
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: BENT AVENUE	SHEET 242	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST SIDEROADS XS.DWG
LAYOUT NAME - B XS
PLOT DATE : 2/29/2016 10:49 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St Sideroads XS.dwg, 19 B XS, 2/29/2016 10:49:00 PM, RKubat, 1:1



Addendum No. 01
ID 4994-01-15
Revised Sheet 243
March 2, 2016

PROJECT NO: 4994-01-14	HWY: N. MAIN STREET	COUNTY: WINNEBAGO	CROSS SECTIONS: HURON AVENUE	SHEET 243	E

FILE NAME : W:\PROJECTS\00005\830103\01- PLAN PREPARATION\09-CROSS SECTIONS\MAIN ST SIDEROADS XS.DWG
LAYOUT NAME - HR XS

PLOT DATE : 2/29/2016 10:49 PM PLOT BY : RYAN KUBAT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

W:\PROJECTS\00005\830103\01- Plan Preparation\09-Cross Sections\Main St Sideroads XS.dwg, 22 HR XS, 2/29/2016 10:49:19 PM, RKubat, 1:1

CONTRACT: 20160308021 PROJECT(S): 4994-01-15 FEDERAL ID(S): WISC 2016063

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
	SECTION 0001 Roadway Items					
0010	201.0220 Grubbing	421.000 ID		.		.
0020	204.0100 Removing Pavement **P**	2,877.000 SY		.		.
0030	204.0150 Removing Curb & Gutter **P**	5,600.000 LF		.		.
0040	204.0155 Removing Concrete Sidewalk **P**	3,334.000 SY		.		.
0050	204.0195 Removing Concrete Bases	10.000 EACH		.		.
0060	204.0210 Removing Manholes	15.000 EACH		.		.
0070	204.0220 Removing Inlets	27.000 EACH		.		.
0080	204.0245 Removing Storm Sewer (size) 01. Less than 12-Inch	798.000 LF		.		.
0090	204.0245 Removing Storm Sewer (size) 02. 12-Inch to 24-Inch	1,096.000 LF		.		.
0100	204.0245 Removing Storm Sewer (size) 03. Greater than 24-Inch	150.000 LF		.		.

CONTRACT: 20160308021 PROJECT(S): 4994-01-15 FEDERAL ID(S): WISC 2016063

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0110	205.0100 Excavation Common	10,909.000 CY		.		.
0120	213.0100 Finishing Roadway (project) 01. 4994-01-15	1.000 EACH		.		.
0130	305.0110 Base Aggregate Dense 3/4-Inch	436.000 TON		.		.
0140	305.0120 Base Aggregate Dense 1 1/4-Inch	6,614.000 TON		.		.
0150	311.0110 Breaker Run	3,000.000 TON		.		.
0160	415.0080 Concrete Pavement 8-Inch	11,772.000 SY		.		.
0170	415.0210 Concrete Pavement Gaps	3.000 EACH		.		.
0180	415.1080 Concrete Pavement HES 8-Inch	300.000 SY		.		.
0190	415.1090 Concrete Pavement HES 9-Inch	1,950.000 SY		.		.
0200	416.0160 Concrete Driveway 6-Inch	1,649.000 SY		.		.
0210	416.0610 Drilled Tie Bars	160.000 EACH		.		.

CONTRACT: 20160308021 PROJECT(S): 4994-01-15 FEDERAL ID(S): WISC 2016063

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0220	416.0620 Drilled Dowel Bars	80.000 EACH		.		.
0230	440.4410 Incentive IRI Ride	2,000.000 DOL	1.00000		2000.00	
0240	455.0605 Tack Coat	43.000 GAL		.		.
0250	465.0105 Asphaltic Surface	207.000 TON		.		.
0260	465.0120 Asphaltic Surface Driveways and Field Entrances	25.800 TON		.		.
0270	520.8000 Concrete Collars for Pipe	9.000 EACH		.		.
0280	601.0342 Concrete Curb & Gutter Integral 18-Inch	5,069.000 LF		.		.
0290	601.0409 Concrete Curb & Gutter 30-Inch Type A	156.000 LF		.		.
0300	601.0411 Concrete Curb & Gutter 30-Inch Type D	234.000 LF		.		.
0310	601.0452 Concrete Curb & Gutter Integral 30-Inch Type D	20.000 LF		.		.
0320	601.0600 Concrete Curb Pedestrian	235.000 LF		.		.

CONTRACT: 20160308021 PROJECT(S): 4994-01-15 FEDERAL ID(S): WISC 2016063

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0330	602.0405 Concrete Sidewalk 4-Inch	20,711.000 SF		.		.
0340	602.0415 Concrete Sidewalk 6-Inch	2,435.000 SF		.		.
0350	602.0515 Curb Ramp Detectable Warning Field Natural Patina	352.000 SF		.		.
0360	602.1500 Concrete Steps	863.000 SF		.		.
0370	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	801.000 LF		.		.
0380	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	93.000 LF		.		.
0390	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	226.000 LF		.		.
0400	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	1,244.000 LF		.		.
0410	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	328.000 LF		.		.
0420	610.0419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	967.000 LF		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0430	610.0424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	223.000 LF		.		.
0440	611.0624 Inlet Covers Type H	14.000 EACH		.		.
0450	611.0639 Inlet Covers Type H-S	34.000 EACH		.		.
0460	611.2004 Manholes 4-FT Diameter	19.000 EACH		.		.
0470	611.2005 Manholes 5-FT Diameter	8.000 EACH		.		.
0480	611.2006 Manholes 6-FT Diameter	3.000 EACH		.		.
0490	611.2008 Manholes 8-FT Diameter	2.000 EACH		.		.
0500	612.0106 Pipe Underdrain 6-Inch	130.000 LF		.		.
0510	619.1000 Mobilization	1.000 EACH		.		.
0520	620.0300 Concrete Median Sloped Nose	51.000 SF		.		.
0530	623.0200 Dust Control Surface Treatment	25,000.000 SY		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0540	624.0100 Water	40.000 MGAL		.		.
0550	625.0100 Topsoil	5,587.000 SY		.		.
0560	628.1504 Silt Fence	250.000 LF		.		.
0570	628.1520 Silt Fence Maintenance	500.000 LF		.		.
0580	628.1905 Mobilizations Erosion Control	6.000 EACH		.		.
0590	628.1910 Mobilizations Emergency Erosion Control	3.000 EACH		.		.
0600	628.2008 Erosion Mat Urban Class I Type B	5,587.000 SY		.		.
0610	628.7005 Inlet Protection Type A	53.000 EACH		.		.
0620	628.7010 Inlet Protection Type B	5.000 EACH		.		.
0630	628.7015 Inlet Protection Type C	67.000 EACH		.		.
0640	628.7020 Inlet Protection Type D	23.000 EACH		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0650	628.7560 Tracking Pads	3.000 EACH		.		.
0660	628.7570 Rock Bags	250.000 EACH		.		.
0670	629.0210 Fertilizer Type B	35.000 CWT		.		.
0680	630.0140 Seeding Mixture No. 40	201.000 LB		.		.
0690	632.0101 Trees (species) (size) (root) 01. Maple Autumn Blaze B&B 2" CAL	29.000 EACH		.		.
0700	632.0101 Trees (species) (size) (root) 02. Japanese Tree Lilac B&B 2" CAL	42.000 EACH		.		.
0710	632.0101 Trees (species) (size) (root) 03. Hackleberry B&B 2" CAL	9.000 EACH		.		.
0720	632.9101 Landscape Planting Surveillance and Care Cycles	18.000 EACH		.		.
0730	637.2210 Signs Type II Reflective H	164.000 SF		.		.
0740	637.2230 Signs Type II Reflective F	48.000 SF		.		.
0750	638.2602 Removing Signs Type II	42.000 EACH		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0760	638.3000 Removing Small Sign Supports	20.000 EACH		.		.
0770	642.5401 Field Office Type D	1.000 EACH		.		.
0780	643.0100 Traffic Control (project) 01. 4994-01-15	1.000 EACH		.		.
0790	643.0300 Traffic Control Drums	12,920.000 DAY		.		.
0800	643.0420 Traffic Control Barricades Type III	6,992.000 DAY		.		.
0810	643.0705 Traffic Control Warning Lights Type A	15,808.000 DAY		.		.
0820	643.0900 Traffic Control Signs	12,464.000 DAY		.		.
0830	643.0920 Traffic Control Covering Signs Type II	10.000 EACH		.		.
0840	643.2000 Traffic Control Detour (project) 01. 4994-01-14	1.000 EACH		.		.
0850	643.3000 Traffic Control Detour Signs	9,272.000 DAY		.		.
0860	644.1410.S Temporary Pedestrian Surface Asphalt	4,650.000 SF		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0870	644.1601.S Temporary Curb Ramp	24.000 EACH		.		.
0880	644.1616.S Temporary Pedestrian Safety Fence	2,310.000 LF		.		.
0890	645.0140 Geotextile Fabric Type SAS	4,000.000 SY		.		.
0900	646.0106 Pavement Marking Epoxy 4-Inch	9,319.000 LF		.		.
0910	646.0126 Pavement Marking Epoxy 8-Inch	161.000 LF		.		.
0920	647.0166 Pavement Marking Arrows Epoxy Type 2	3.000 EACH		.		.
0930	647.0206 Pavement Marking Arrows Bike Lane Epoxy	20.000 EACH		.		.
0940	647.0306 Pavement Marking Symbols Bike Lane Epoxy	20.000 EACH		.		.
0950	647.0356 Pavement Marking Words Epoxy	2.000 EACH		.		.
0960	647.0406 Pavement Marking Words Bike Lane Epoxy	6.000 EACH		.		.
0970	647.0566 Pavement Marking Stop Line Epoxy 18-Inch	234.000 LF		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0980	647.0606 Pavement Marking Island Nose Epoxy	1.000 EACH		.		.
0990	647.0656 Pavement Marking Parking Stall Epoxy	14.000 LF		.		.
1000	647.0776 Pavement Marking Crosswalk Epoxy 12-Inch	821.000 LF		.		.
1010	650.4000 Construction Staking Storm Sewer	82.000 EACH		.		.
1020	650.4500 Construction Staking Subgrade	3,726.000 LF		.		.
1030	650.5000 Construction Staking Base	248.000 LF		.		.
1040	650.5500 Construction Staking Curb Gutter and Curb & Gutter	236.000 LF		.		.
1050	650.7000 Construction Staking Concrete Pavement	3,344.000 LF		.		.
1060	650.8500 Construction Staking Electrical Installations (project) 01. 4994-01-15	LUMP	LUMP			.
1070	650.9910 Construction Staking Supplemental Control (project) 01. 4994-01-15	LUMP	LUMP			.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1080	650.9920 Construction Staking Slope Stakes	3,726.000 LF		.		.
1090	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	8,877.000 LF		.		.
1100	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,344.000 LF		.		.
1110	652.0800 Conduit Loop Detector	932.000 LF		.		.
1120	653.0105 Pull Boxes Steel 12x24-Inch	6.000 EACH		.		.
1130	653.0140 Pull Boxes Steel 24x42-Inch	33.000 EACH		.		.
1140	653.0145 Pull Boxes Steel 24x48-Inch	1.000 EACH		.		.
1150	654.0101 Concrete Bases Type 1	7.000 EACH		.		.
1160	654.0102 Concrete Bases Type 2	1.000 EACH		.		.
1170	654.0105 Concrete Bases Type 5	31.000 EACH		.		.
1180	654.0217 Concrete Control Cabinet Bases Type 9 Special	2.000 EACH		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS		UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1190	655.0230 Cable Traffic Signal 5-14 AWG	601.000	LF	.		.	
1200	655.0240 Cable Traffic Signal 7-14 AWG	198.000	LF	.		.	
1210	655.0260 Cable Traffic Signal 12-14 AWG	840.000	LF	.		.	
1220	655.0280 Cable Traffic Signal 19-14 AWG	429.000	LF	.		.	
1230	655.0305 Cable Type UF 2-12 AWG Grounded	435.000	LF	.		.	
1240	655.0515 Electrical Wire Traffic Signals 10 AWG	1,320.000	LF	.		.	
1250	655.0610 Electrical Wire Lighting 12 AWG	2,430.000	LF	.		.	
1260	655.0620 Electrical Wire Lighting 8 AWG	5,503.000	LF	.		.	
1270	655.0630 Electrical Wire Lighting 4 AWG	11,006.000	LF	.		.	
1280	655.0700 Loop Detector Lead In Cable	2,141.000	LF	.		.	
1290	655.0800 Loop Detector Wire	3,032.000	LF	.		.	

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1300	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. New York	LUMP	LUMP			.
1310	656.0200 Electrical Service Meter Breaker Pedestal (location) 02. Murdock	LUMP	LUMP			.
1330	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	1.000 EACH	.			.
1340	657.0315 Poles Type 4	1.000 EACH	.			.
1370	657.0635 Luminaire Arms Single Member 6-Inch Clamp 10-FT	1.000 EACH	.			.
1390	658.0110 Traffic Signal Face 3-12 Inch Vertical	3.000 EACH	.			.
1400	658.0115 Traffic Signal Face 4-12 Inch Vertical	2.000 EACH	.			.
1410	658.0215 Backplates Signal Face 3 Section 12-Inch	3.000 EACH	.			.
1420	658.0220 Backplates Signal Face 4 Section 12-Inch	2.000 EACH	.			.
1430	658.0416 Pedestrian Signal Face 16-Inch	1.000 EACH	.			.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1440	658.0500 Pedestrian Push Buttons	2.000 EACH		.		.
1450	658.0600 Led Modules 12-Inch Red Ball	3.000 EACH		.		.
1460	658.0605 Led Modules 12-Inch Yellow Ball	3.000 EACH		.		.
1470	658.0610 Led Modules 12-Inch Green Ball	3.000 EACH		.		.
1480	658.0615 Led Modules 12-Inch Red Arrow	2.000 EACH		.		.
1490	658.0620 Led Modules 12-Inch Yellow Arrow	4.000 EACH		.		.
1500	658.0625 Led Modules 12-Inch Green Arrow	2.000 EACH		.		.
1510	658.0635 Led Modules Pedestrian Countdown Timer 16-Inch	1.000 EACH		.		.
1530	658.5069 Signal Mounting Hardware (location) 02. Murdock	LUMP	LUMP			.
1540	659.1115 Luminaires Utility LED A	1.000 EACH		.		.
1550	690.0150 Sawing Asphalt	304.000 LF		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1560	690.0250 Sawing Concrete	1,463.000 LF		.		.
1570	715.0415 Incentive Strength Concrete Pavement	6,030.000 DOL	1.00000		6030.00	
1580	999.1000.S Seismograph	LUMP	LUMP			.
1590	999.1500.S Crack and Damage Survey	LUMP	LUMP			.
1600	ASP.1T0A On-the-Job Training Apprentice at $5.00/HR	2,400.000 HRS	5.00000		12000.00	
1610	ASP.1T0G On-the-Job Training Graduate at $5.00/HR	2,100.000 HRS	5.00000		10500.00	
1620	SPV.0035 Special 05. Sanitary Sewer Rock Excavation	1,100.000 CY		.		.
1630	SPV.0060 Special 04. Exposing Existing Utility	1.000 EACH		.		.
1640	SPV.0060 Special 05. Catch Basins 2 x 3 Ft. Special	46.000 EACH		.		.
1650	SPV.0060 Special 06. Storm Sewer Lateral Inlet	81.000 EACH		.		.
1660	SPV.0060 Special 08. Storm Sewer Manhole Cover Type J Special	31.000 EACH		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1670	SPV.0060 Special 10. Box Manhole 4.5' x 9'	2.000 EACH		.		.
1680	SPV.0060 Special 12. Sign Post 14-Ft. Black	27.000 EACH		.		.
1690	SPV.0060 Special 13. Sign Post 16-Ft. Black	4.000 EACH		.		.
1700	SPV.0060 Special 14. V-Loc Sign Support	31.000 EACH		.		.
1710	SPV.0060 Special 16. Traffic Signal Controller and Cabinet	1.000 EACH		.		.
1720	SPV.0060 Special 18. Lighting Assembly Post Top	31.000 EACH		.		.
1730	SPV.0060 Special 19. Removing Sanitary Manholes	18.000 EACH		.		.
1740	SPV.0060 Special 20. Sanitary Manhole Cover Type J Special	18.000 EACH		.		.
1750	SPV.0060 Special 21. Marker Ball	356.000 EACH		.		.
1760	SPV.0060 Special 23. External Chimney Seal	18.000 EACH		.		.
1770	SPV.0060 Special 25. Remove Hydrants	6.000 EACH		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1780	SPV.0060 Special 26. Remove Water Valves	21.000 EACH		.		.
1790	SPV.0060 Special 27. Adjusting Water Valve Boxes	4.000 EACH		.		.
1800	SPV.0060 Special 30. Connect Water Main to Existing Pipe	11.000 EACH		.		.
1810	SPV.0060 Special 31. Standard Sanitary Pipe Connection	9.000 EACH		.		.
1820	SPV.0060 Special 32. Special Concrete Collar Sanitary Pipe Connection	3.000 EACH		.		.
1830	SPV.0060 Special 33. Connect To Existing Storm Sewer Lateral	1.000 EACH		.		.
1840	SPV.0060 Special 35. Salvage And Reset Boulder	3.000 EACH		.		.
1850	SPV.0060 Special 40. Water Main 4" 45 Degree Bend	2.000 EACH		.		.
1860	SPV.0060 Special 41. Water Main 6" 45 Degree Bend	9.000 EACH		.		.
1870	SPV.0060 Special 42. Water Main 8" 22.5 Degree Bend	5.000 EACH		.		.
1880	SPV.0060 Special 43. Water Main 8" 45 Degree Bend	1.000 EACH		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1890	SPV.0060 Special 44. Water Main 12" 22.5 Degree Bend	5.000 EACH		.		.
1900	SPV.0060 Special 45. Water Main 12" 45 Degree Bend	4.000 EACH		.		.
1910	SPV.0060 Special 46. Water Main Cross 8" x 8"	2.000 EACH		.		.
1920	SPV.0060 Special 47. Water Main Cross 12" x 8"	1.000 EACH		.		.
1930	SPV.0060 Special 48. Water Main Reducer 8" x 4"	1.000 EACH		.		.
1940	SPV.0060 Special 49. Water Main Reducer 8" x 6"	5.000 EACH		.		.
1950	SPV.0060 Special 50. Water Main Tee 8" x 4"	1.000 EACH		.		.
1960	SPV.0060 Special 51. Water Main Tee 8" x 6"	6.000 EACH		.		.
1970	SPV.0060 Special 52. Water Main Tee 8" x 8"	2.000 EACH		.		.
1980	SPV.0060 Special 53. Water Valve and Box 4"	2.000 EACH		.		.
1990	SPV.0060 Special 54. Water Valve and Box 6"	7.000 EACH		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
2000	SPV.0060 Special 55. Water Valve and Box 8"	15.000 EACH		.		.
2010	SPV.0060 Special 56. Water Valve and Box 12"	2.000 EACH		.		.
2020	SPV.0060 Special 57. Fire Hydrant	6.000 EACH		.		.
2030	SPV.0060 Special 59. 1" Corporation, Curb Stop and Box (Set)	80.000 EACH		.		.
2040	SPV.0060 Special 60. 2" Corporation, Curb Stop and Box (Set)	1.000 EACH		.		.
2050	SPV.0060 Special 65. Fluorocarbon Gasket 6-Inch	4.000 EACH		.		.
2060	SPV.0060 Special 66. Fluorocarbon Gasket 8-Inch	8.000 EACH		.		.
2070	SPV.0060 Special 70. Poles Type 9	1.000 EACH		.		.
2110	SPV.0060 Special 74. Monotube Arms 30-FT	1.000 EACH		.		.
2130	SPV.0060 Special 76. Concrete Bases Type 10 Contractor Supplied Anchor Bolts and Rod Template	4.000 EACH		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
2140	SPV.0060 Special 77. Concrete Bases Type 13 Contractor Supplied Anchor Bolts and Rod Template	1.000 EACH		.		.
2150	SPV.0060 Special 80. Concrete Control Cabinet Base Type L Special	2.000 EACH		.		.
2160	SPV.0060 Special 81. Lighting Control Cabinet 120/240 Volt Special	2.000 EACH		.		.
2170	SPV.0075 Special 01. Street Sweeping	50.000 HRS		.		.
2180	SPV.0090 Special 02. Remove Retaining Wall	446.000 LF		.		.
2190	SPV.0090 Special 04. Remove Water Main	3,207.000 LF		.		.
2200	SPV.0090 Special 06. Remove Sanitary Sewer	3,111.000 LF		.		.
2210	SPV.0090 Special 08. Concrete Curb and Gutter Integral Special 12-Inch Wide Curb Head	619.000 LF		.		.
2220	SPV.0090 Special 10. Concrete Retaining Curb	349.000 LF		.		.
2230	SPV.0090 Special 11. Salvage and Reset Concrete Block Retaining Wall	20.000 LF		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
2240	SPV.0090 Special 12. Storm Sewer Lateral 6-Inch	3,258.000 LF		.		.
2250	SPV.0090 Special 13. Storm Sewer Lateral 8-Inch	99.000 LF		.		.
2260	SPV.0090 Special 14. Storm Sewer Pipe PVC 10-Inch	10.000 LF		.		.
2270	SPV.0090 Special 15. Storm Sewer Pipe Reinforced Concrete Horiz Ellip Class HE-IV 43 x 68	38.000 LF		.		.
2280	SPV.0090 Special 16. Televising Storm Sewer	3,929.000 LF		.		.
2290	SPV.0090 Special 17. Televising Sanitary Sewer	3,031.000 LF		.		.
2300	SPV.0090 Special 20. Sanitary Sewer 8 Inch	254.000 LF		.		.
2310	SPV.0090 Special 21. Sanitary Sewer 10 Inch	10.000 LF		.		.
2320	SPV.0090 Special 22. Sanitary Sewer 12 Inch	2,767.000 LF		.		.
2330	SPV.0090 Special 23. Sanitary Sewer Laterals 4 Inch or 6 Inch	2,664.000 LF		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
2340	SPV.0090 Special 30. Water Main 4 Inch	39.000 LF		.		.
2350	SPV.0090 Special 31. Water Main 6 Inch	133.000 LF		.		.
2360	SPV.0090 Special 32. Water Main 8 Inch	3,010.000 LF		.		.
2370	SPV.0090 Special 33. Water Main 12 Inch	126.000 LF		.		.
2380	SPV.0090 Special 34. Water Service 1 Inch Copper	2,612.000 LF		.		.
2390	SPV.0090 Special 35. Water Service 2 Inch Copper	26.000 LF		.		.
2400	SPV.0090 Special 40. Salvage And Reset Fence	99.000 LF		.		.
2410	SPV.0090 Special 51. Fiber Optic Warning Tape	2,995.000 LF		.		.
2420	SPV.0090 Special 52. Fiber Optic Tracer Cable	2,995.000 LF		.		.
2430	SPV.0090 Special 55. Fiber Optic Interconnect Cable	2,812.000 LF		.		.
2440	SPV.0105 Special 01. Remove and Salvage Traffic Signals New York Avenue	LUMP	LUMP			.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
2450	SPV.0105 Special 02. Remove and Salvage Traffic Signals Murdock Avenue	LUMP	LUMP			.
2460	SPV.0105 Special 03. Concrete Pavement Joint Layout	LUMP	LUMP			.
2470	SPV.0105 Special 04. Locate and Replace Existing Property Monuments	LUMP	LUMP			.
2480	SPV.0105 Special 05. Construction Staking Miscellaneous City Utilities	LUMP	LUMP			.
2490	SPV.0105 Special 10. Abandon Vault	LUMP	LUMP			.
2500	SPV.0120 Special 01. Water for Seeded Areas	110.000 MGAL		.		.
2510	SPV.0165 Special 01. Salvage and Reset Brick Pavers	88.000 SF		.		.
2520	SPV.0165 Special 02. Salvage And Reset Landscaping	142.000 SF		.		.
2530	SPV.0180 Special 01. Sealing Concrete Pavement Joints	14,023.000 SY		.		.
2540	SPV.0180 Special 02. Install City Furnished Insulation Board Polystyrene	62.000 SY		.		.

CONTRACT: 20160308021 PROJECT(S): 4994-01-15 FEDERAL ID(S): WISC 2016063

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
2550	SPV.0200 Special 01. Sanitary Sewer Manholes Standard	232.000 VF		.		.
2560	SPV.0200 Special 02. Sanitary Sewer Outside Drop	39.000 VF		.		.
2570	SPV.0060 Special 84. Install Pedestal Bases	7.000 EACH		.		.
2580	SPV.0060 Special 85. Install Traffic Signal Standards Aluminum 15-Ft	5.000 EACH		.		.
2590	SPV.0060 Special 86. Install Traffic Signal Standards Aluminum 10-Ft	2.000 EACH		.		.
2600	SPV.0060 Special 87. Install Luminaire Arms Single Member 6-Inch Clamp 10-Ft	1.000 EACH		.		.
2610	SPV.0060 Special 88. Install Luminaire Arms Single Member 6-Inch Clamp 15-Ft	2.000 EACH		.		.
2620	SPV.0060 Special 89. Install Poles Type 9	1.000 EACH		.		.
2630	SPV.0060 Special 90. Install Poles Type 10	2.000 EACH		.		.
2640	SPV.0060 Special 91. Install Poles Type 13	1.000 EACH		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
2650	SPV.0060 Special 92. Install Monotube Arms 30-Ft	3.000 EACH		.		.
2660	SPV.0060 Special 93. Install Monotube Arms 50-Ft	1.000 EACH		.		.
2670	SPV.0060 Special 100. Install Traffic Signal Face 3-12 Inch Vertical	15.000 EACH		.		.
2680	SPV.0060 Special 101. Install Traffic Signal Face 4-12 Inch Vertical	6.000 EACH		.		.
2690	SPV.0060 Special 102. Install Backplates Signal Face 3 Section 12-Inch	15.000 EACH		.		.
2700	SPV.0060 Special 103. Install Backplates Signal Face 4 Section 12-Inch	6.000 EACH		.		.
2710	SPV.0060 Special 104. Install Pedestrian Signal Face 16-Inch	10.000 EACH		.		.
2720	SPV.0060 Special 105. Install Pedestrian Push Buttons	9.000 EACH		.		.
2730	SPV.0060 Special 106. Install Led Modules 12-Inch Red Ball	15.000 EACH		.		.
2740	SPV.0060 Special 107. Install Led Modules 12-Inch Yellow Ball	15.000 EACH		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
2750	SPV.0060 Special 108. Install Led Modules 12-Inch Green Ball	15.000 EACH		.		.
2760	SPV.0060 Special 109. Install Led Modules 12-Inch Red Arrow	6.000 EACH		.		.
2770	SPV.0060 Special 110. Install Led Modules 12-Inch Yellow Arrow	12.000 EACH		.		.
2780	SPV.0060 Special 111. Install Led Modules 12-Inch Green Arrow	6.000 EACH		.		.
2790	SPV.0060 Special 112. Install Led Modules Pedestrian Countdown Timer 16-Inch	10.000 EACH		.		.
2800	SPV.0060 Special 113. Install Signal Mounting Hardware New York Avenue Intersection	1.000 EACH		.		.
2810	SPV.0060 Special 115. Install Luminaires Utility LED A	3.000 EACH		.		.
2820	SPV.0060 Special 120. Install Traffic Signal Controller and Cabinet	1.000 EACH		.		.
2830	SPV.0060 Special 121. Salvage and Reset Handrail	1.000 EACH		.		.
	SECTION 0001 TOTAL					.
	TOTAL BID					.