



Wisconsin Department of Transportation

March 9, 2018

Division of Transportation Systems Development

Bureau of Project Development
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NOTICE TO ALL CONTRACTORS:

Proposal #25: 2818-00-73, WISC 2018 203
CTH H, V Sturtevant/Mt. Pleasant
CTH KR to STH 20
CTH H
Racine County

3723-01-70, WISC 2018 205
88th Ave, Town Of Somers
CTH A to CTH KR
CTH H
Kenosha County

3765-04-70, WISC 2018 203
7th St, Town of Somers
IH 41 E Frontage Rd To CTH H
CTH A
Kenosha County

Letting of March 13, 2018

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
4	Traffic
5	Traffic Meetings and Traffic Control Scheduling
22	Temporary Traffic Signal for Intersections CTH H and CTH KR, Item 661.0200.01; CTH H and Braun Road, Item 661.0200.02; CTH A and CTH H, Item 661.0200.04; IH 41 East Frontage Road and CTH E, Item 661.0200.05
25	Temporary EVP System CTH H & CTH KR, Item SPV.0105.01; CTH H & Braun Road, Item SPV.0105.02; CTH A & CTH H, Item SPV.0105.04; IH 41 East Frontage Road & CTH E, Item SPV.0105.05
26	Temporary Radar/Microwave Vehicle Detection System for Intersections CTH H & CTH KR, Item 661.0200.11; CTH H & Braun Road, Item 661.0200.12; CTH A & CTH H, Item 661.0200.14; IH 41 East Frontage Road & CTH E, Item 661.0200.15

Added Special Provisions	
Article No.	Description
29	Notice to Contractor - Safety
30	Notice to Contractor – Media Relations

31	Notice to Contractor – Special Event Day
32	Notice to Contractor – Temporary Stone Ditch Check
33	Notice to Contractor – Dewatering for Cross Culvert STA. 220+00
34	Notice to Contractor – Asphalt and Concrete Removal
35	Late Season Marking Requirements.
36	Survey Project 2818-03-73, Item SPV.105.06; Project 3723-01-70, Item SPV.0105.07; Project 3765-04-70, Item SPV.0105.08
37	Baseline CPM Progress Schedule, Item SPV.0060.02; Monthly CPM Progress Schedule Updates, Item SPV.0060.03.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
203.0100	Removing Small Pipe Culverts	EACH	5	9	14
204.0120	Removing Asphaltic Surface Milling	SY	72,116	5,771	77,887
204.0165	Removing Guardrail	LF	118	170	288
204.0180	Removing Delineators and Markers	EACH	8	1	9
205.0100	Excavation Common	CY	7,838	4,547	12,385
211.0400	Prepare Foundation for Asphaltic Shoulders	STA	496	-36	460
305.0110	Base Aggregate Dense 3/4-Inch	TON	3,164	509	3,673
305.0120	Base Aggregate Dense 1 1/4-Inch	TON	7,464	12,293	19,757
450.4000	HMA Cold Weather Paving	TON	16,750	-2,415	14,335
455.0605	Tack Coat	GAL	11,114	735	11,849
460.2000	Incentive Density HMA Pavement	DOL	34,840	-7,630	27,210
460.5223	HMA Pavement 3 LT 58-28 S	TON	9,700	1,000	10,700
460.5224	HMA Pavement 4 LT 58-28 S	TON	2,700	200	2,900
460.6223	HMA Pavement 3 MT 58-28 S	TON	29,148	-8,204	20,944
460.6224	HMA Pavement 4 MT 58-28 S	TON	2,180	195	2,375
460.6424	HMA Pavement 4 MT 58-28 H	TON	10,530	-4,952	5,578
465.0120	Asphaltic Surface Driveways and Field Entrances	TON	235	43	278
521.1242	Apron Endwalls for Pipe Arch Steel 42x29-Inch	EACH	4	-2	2
521.3728	Pipe Arch Corrugated Steel 28x20-Inch	LF	67	201	268
521.3742	Pipe Arch Corrugated Steel 42x29-Inch	LF	72	-10	62
522.0530	Culvert Pipe Reinforced Concrete Class V 30-Inch	LF	28	212	240
601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	130	634	764
606.0200	Riprap Medium	CY	34	-6	28
621.1100	Landmark Reference Monuments and Cast Iron Covers	EACH	5	9	14
623.0200	Dust Control Surface Treatment	SY	15,780	930	16,710
624.0100	Water	MGAL	197	28	225
625.0500	Salvaged Topsoil	SY	1,187	9,968	11,155
628.1504	Silt Fence	LF	3,251	3,988	7,239
628.1520	Silt Fence Maintenance	LF	3,251	3,968	7,219
628.2008	Erosion Mat Urban Class I Type B	SY	444	10,128	10,572
628.7504	Temporary Ditch Checks	LF	165	45	210
628.7555	Culvert Pipe Checks	EACH	59	22	81
629.0210	Fertilizer Type B	CWT	2.3	5.6	7.9
630.0130	Seeding Mixture No. 30	LB	44	180	224

633.5200	Markers Culvert End	EACH	14	9	23
634.0614	Posts Wood 4x6-Inch x 14 Ft.	EACH	108	3	111
634.0616	Posts Wood 4x6-Inch x 16 Ft.	EACH	88	7	95
637.2210	Signs Type II Reflective H	SF	770.6	49	819.6
637.2230	Signs Type II Reflective F	SF	544.5	23.4	567.9
638.2602	Removing Signs Type II	EACH	151	9	160
638.3000	Removing Small Sign Supports	EACH	130	7	137
643.0705	Traffic Control Barricades Type III	DAY	1,684	68	1,752
643.0705	Traffic Control Warning Lights Type A	DAY	2,018	92	2,110
643.0900	Traffic Control Signs	DAY	15,647	1,381	17,028
645.0120	Geotextile Type HR	SY	63	-11	52
646.1020	Marking Line Epoxy 4-Inch	LF	68,102	12,478	80,580
646.3020	Marking Line Epoxy 8-Inch	LF	3,315	1,066	4,381
646.4520	Marking Line Same Day Epoxy 4-Inch	LF	25,344	9,407	34,751
646.5020	Marking Arrow Epoxy	EACH	22	16	38
646.5120	Marking Word Epoxy	EACH	13	1	14
646.6120	Marking Stop Line Epoxy 18-Inch	LF	665	101	766
646.7120	Marking Diagonal Epoxy 12-Inch	LF	424	517	941
690.0150	Sawing Asphalt	LF	2,300	244	2,544
SPV.0170	Special .01 Proof Rolling	STA	48	3	51

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0185	Removing Masonry	CY	0	36	36
204.0260	Abandoning Inlets	EACH	0	2	2
312.0110	Select Crushed Material	TON	0	10,400	10,400
465.0105	Asphaltic Surface	TON	0	18,168	18,168
504.0900	Concrete Masonry Endwalls	CY	0	3.5	3.5
520.1012	Apron Endwalls for Culvert Pipe 12-Inch	EACH	0	10	10
520.1018	Apron Endwalls for Culvert Pipe 18-Inch	EACH	0	2	2
521.1503	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 4 to 1	EACH	0	4	4
521.3112	Culvert Pipe Corrugated Steel 12-Inch	LF	0	122	122
521.3118	Culvert Pipe Corrugated Steel 18-Inch	LF	0	130	130
522.2424	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF	0	88	88
522.2624	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH	0	2	2
606.0100	Riprap Light	CY	0	16	16
611.0530	Manhole Covers Type J	EACH	0	2	2
611.2004	Manholes 4-FT Diameter	EACH	0	2	2
612.0206	Pipe Underdrain Unperforated 6-Inch	LF	0	20	20
628.1104	Erosion Bales	EACH	0	20	20
645.0130	Geotextile Type R	SY	0	35	35
SPV.0060.02	Baseline CPM Progress Schedule	EACH	0	1	1
SPV.0060.03	Monthly CPM Progress Schedule Updates	EACH	0	1	1
SPV.0105.06	Survey Project 2818-03-73	LS	0	1	1
SPV.0105.07	Survey Project 3723-01-70	LS	0	1	1
SPV.0105.08	Survey Project 3765-04-70	LS	0	1	1

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
305.0500	Shaping Shoulders	STA	214	-214	0
305.0130	Base Aggregate Dense 3-Inch	TON	10,400	-10,400	0
460.6222	HMA Pavement 2 MT 58-28 S	TON	165	-165	0
650.5000	Construction Staking Base	LF	4,776	-4,776	0
650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	3,045	-3,045	0
650.6000	Construction Staking Pipe Culverts	EACH	5	-5	0
650.8000	Construction Staking Resurfacing Reference	LF	31,602	-31,602	0
650.9000	Construction Staking Curb Ramps	EACH	12	-12	0
650.9910	Construction Staking Supplemental Control I.D. 2818-00-73	LS	1	-1	0
650.9910	Construction Staking Supplemental Control I.D. 3723-01-70	LS	1	-1	0
650.9910	Construction Staking Supplemental Control I.D. 3765-04-70	LS	1	-1	0
650.9920	Construction Staking Slope Stakes	LF	200	-200	0
661.0200.03	Temporary Traffic Signals for Intersections IH 41 East Frontage Road & STH 11	LS	1	-1	0
SPV.0105.03	Temporary EVP System IH 41 East Frontage Road & STH 11	LS	1	-1	0
SPV.0105.13	Temporary Radar Vehicle Detection System for Intersections IH 41 East Frontage Road & STH 11	LS	1	-1	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
I.D. 2818-00-73	
Sheet 2	Updated to reflect asphaltic surface from CTH KR to STH 11
Sheet 7	Updated Typical Section to reflect widening at intersections
Sheet 8	Updated Typical Section to reflect widening at intersections
Sheet 10	Revised detail sheet
Sheet 12	Revised detail sheet
Sheet 14	Updated Stage 1 plan detail to show intersection improvements at CTH KR & CTH H
Sheet 15	Updated plan detail to show additional widening
Sheet 22	Updated plan detail to show additional widening
Sheet 23	Updated plan detail to show additional widening
Sheet 24	Updated plan detail to show intersection improvements at Braun Road & CTH H
Sheet 25	Updated plan detail to show additional widening
Sheet 49	Updated Erosion Control Plan to reflect intersection improvements
Sheet 50	Updated Erosion Control Plan to reflect intersection improvements
Sheet 51	Updated Stage 1 Erosion Control Plan to reflect intersection improvements
Sheet 56	Revised traffic signal overview – deleted temp signal at EFR & STH 11
Sheet 57	Revised traffic signal plan CTH KR & CTH H
Sheet 58	Revised traffic signal plan CTH KR & CTH H

Sheet 59	Revised traffic signal plan Braun Road & CTH H
Sheet 60	Revised traffic signal plan Braun Road & CTH H
Sheet 66	Updated Signing plan to reflect intersection improvements
Sheet 67	Updated Signing plan to reflect intersection improvements
Sheet 68	Updated Signing plan to reflect intersection improvements
Sheet 69	Updated Signing plan to reflect intersection improvements
Sheet 75	Updated pavement marking plan to reflect intersection improvements
Sheet 76	Updated pavement marking plan to reflect intersection improvements
Sheet 77	Updated pavement marking plan to reflect intersection improvements
Sheet 85	Revised traffic control at CTH H & CTH KR to extend limits
Sheet 90	Revised alignment sheet to extend limits at CTH KR
Sheet 91	Revised alignment sheet to extend limits at Braun Road
Sheet 98	Updated miscellaneous quantities to include additional work
Sheet 99	Updated miscellaneous quantities to include additional work
Sheet 100	Updated miscellaneous quantities to include additional work
Sheet 101	Updated miscellaneous quantities to include additional work
Sheet 103	Updated miscellaneous quantities to include additional work
Sheet 104	Updated miscellaneous quantities to include additional work
Sheet 105	Updated miscellaneous quantities to include additional work
Sheet 106	Updated miscellaneous quantities to include additional work
Sheet 107	Updated miscellaneous quantities to include additional work
Sheet 111	Updated miscellaneous quantities to include additional work
Sheet 116	Updated miscellaneous quantities to include additional work
Sheet 117	Updated miscellaneous quantities to include additional work
Sheet 236	Updated earthwork table
<u>I.D. 3723-01-70</u>	
Sheet 4	Fixed unreadable words
Sheet 5	Fixed unreadable words, updated to remove small reconstruction area
Sheet 6	added riprap detail
Sheet 7	Updated pavement marking & signing CTH H & CTH A intersection
Sheet 8	Updated pavement marking & signing due to CTH H and CTH A intersection revision
Sheet 9	Updated pavement marking & signing due to CTH H and CTH A intersection revision
Sheet 18	Updated miscellaneous quantities to include additional work
Sheet 19	Updated miscellaneous quantities to include additional work
Sheet 20	Revised Plan & Profile, CTH H
Sheet 21	Revised dimensions to CTH H, added bench marks and locations of section corners
Sheet 22	Revised dimensions to CTH H, added bench marks and locations of section corners
Sheet 23	Revised dimensions to CTH H, added bench marks and locations of section corners
<u>I.D. 3765-04-70</u>	
Sheet 4	Revised End Construction location
Sheet 5	Revised typical sections
Sheet 6	Modifications to detail for excavation below subgrade
Sheet 23	Revised pavement marking and signing due to CTH A and CTH H intersection revision
Sheet 24	Revised pavement marking and signing due to CTH A and CTH H intersection revision
Sheet 25	Revised pavement marking and signing due to CTH A and CTH H intersection revision
Sheet 27	Revised detour for CTH A closure

Sheet 28	Revised detour signing for CTH A closure
Sheet 29	Revised traffic signal overview sheet
Sheet 30	Revised traffic signal plan – CTH A & CTH H intersection
Sheet 31	Revised traffic signal plan – CTH A & CTH H intersection
Sheet 32	Revised traffic signal plan – CTH A & CTH H intersection
Sheet 38	Updated miscellaneous quantities to include additional work
Sheet 39	Updated miscellaneous quantities to include additional work
Sheet 40	Updated Miscellaneous quantities to include additional work
Sheet 41	Updated permanent signing quantities to include additional work
Sheet 42	Updated permanent signing quantities to include additional work
Sheet 43	Additional quantity landmark reference monuments added to plan
Sheet 44	Updated pavement marking quantities to include additional work
Sheet 49	Revised sheet to add section corner information
Sheet 51	Added required saw cuts
Sheet 53	Revised sheet to add section corner information
Sheet 54	Added additional cross culvert pipe work
Sheet 55	Added additional cross culvert pipe work
Sheet 56	Revised sheet to add section corner information
Sheet 58	Revised sheet to add bench mark and start of taper section for CTH A and CTH H intersection
Sheet 59	Updated plan and profile sheet – CTH A
Sheet 60	Updated plan and profile sheet – CTH A
Sheet 61	Updated plan and profile sheet – CTH H

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
I.D. 2818-00-73	
Sheet 7A	New typical section to show widening for intersection improvements
Sheet 9A	New typical section sheet for CTH KR and Braun Road
Sheet 14A	New plan detail to reflect extended limits along CTH KR
Sheet 14B	New plan detail to reflect extended limits along CTH KR
Sheet 24A	New plan detail to reflect extended limits at Braun Road
Sheet 48A	New erosion control plan – CTH KR
Sheet 50A	New erosion control sheet Braun Road
Sheet 74A	New pavement marking CTH KR – Stage 1
Sheet 89A	New detour sheet for CTH H
Sheet 101A	New MQ sheet for culverts
Sheets 236A – 236C	Updated Earthwork Data Sheets
Sheet 238A – 238F	Cross sections CTH H STA 8+26 to STA 16+50 – Stage 1
Sheet 238G – 238N	Cross sections CTH KR STA 295+50 to STA 307+40 – Stage 1
Sheet 238O – 238W	Cross sections CTH H STA 56+00 to STA 69+50 – Stage 1
Sheet 238X – 238AC	Cross sections Braun Road STA 501+04 to STA 507+93 – Stage 1
I.D. 3723-01-70	
Sheet 5A	New typical sections for CTH H and CTH H intersection shift, and reconstruct area for cross pipe replacement
Sheet 16A	New detour CTH H, CTH A to CTH KR
Sheet 16B	New detour signs CTH H, CTH A to CTH KR
Sheet 19A	Additional miscellaneous quantities Box Culvert Replacement
Sheet 20A	Additional plan and profile sheet related to CTH H and CTH A intersection shift
Sheet 23A	New plan and profile, box culvert replacement
Sheet 25A	Added SDD Concrete Masonry Endwall
Sheet 28A	Added SDD Landmark Reference Monuments

Sheet 44A-44K	New Cross Sections CTH H STA 202+00 209+51 & STA 219+50 to STA 220+60
I.D. 3765-04-70	
Sheet 5A	New typical section sheet
Sheet 25A	Additional pavement marking and signing sheet due to CTH A and CTH H intersection revision
Sheet 25B	Additional pavement marking and signing sheet due to CTH A and CTH H intersection revision
Sheet 25C	Additional pavement marking and signing sheet due to CTH A and CTH H intersection revision
Sheet 42A	Additional sheet needed for misc quantities for permanent signing
Sheet 60A	Additional plan and profile sheet for extension of limits – CTH A
Sheet 60B	Additional plan and profile sheet for extension of limits – CTH H
Sheet 69A	Added SDD Apron Endwalls
Sheet 88A	Added SDD Pavement Marking Words
Sheet 88B	Added SDD Pavement Marking Arrows
Sheet 91A	Added SDD Pavement Marking Median
Sheet 99A	Added SDD Landmark Refence Monuments
Sheet 102A	Updated sign template - TRUCK
Sheet 103A	Updated sign template – No Turn on Red
Sheet 107A – 107V	Cross sections – CTH A STA 98+00 to STA 117+50 CTH H STA 191+00 to STA 201+50

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
	I.D. 2818-00-73
Sheet 61	Temporary Traffic Signals for Intersections IH 41 East Frontage Road & STH 11
Sheet 62	Temporary Traffic Signals for Intersections IH 41 East Frontage Road & STH 11
Sheet 120	Delete miscellaneous quantities for Temporary Traffic Signals for Intersections IH 41 East Frontage Road & STH 11

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

2818-00-73

March 9, 2018

Special Provisions

3. Prosecution and Progress.

Replace entire article language with the following:

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

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

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

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

Definitions – Local Road Work Restrictions

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

Peak Hours:

- 6am to 9am, 3pm to 7pm, Monday, Tuesday, Wednesday, Thursday, Friday

Night Time Hours:

- 9 PM to 6AM the following day

Interim and Final Completion of Work

Supplement standard spec 108.10 with the following:

The department will not grant time extensions for the following:

1. Severe weather as specified in standard spec 108.10.2.2.
2. Labor disputes that are not industry wide.
3. Delays in material deliveries.

Each day is defined as a 24-hour period beginning at 12:01 AM.

SEF Rev. 14_1211

Interim Completion of Work 04/16/18

Complete all work necessary to construct the culvert crossing from Station 219+50 to Station 220+60 on CTH H in project 3723-01-70 and reopen the roadway to traffic prior to 12:01 AM April 17, 2018.

If the contractor fails to complete all work necessary to construct the culvert crossing from Station 219+50 to Station 220+60 on CTH H in project ID 3723-01-70 and reopen the roadway to traffic prior to 12:01 AM on April 17, 2018, the department will assess the contractor \$2,070 in interim liquidated damages for each calendar day that this work remains incomplete after 12:01 AM on April 17, 2018.

An entire calendar day will be charged for any period of time within a calendar day that this work remains incomplete beyond 12:01 AM.

One full weekend closure of CTH H will be allowed for construction of the culvert. Complete all work to construct the culvert crossing from Station 219+50 to Station 220+60 on CTH H and open all lanes to traffic, including culvert crossing construction, placement of HMA pavement, pavement marking, and all other incidentals necessary to complete the work. The closure is only permitted within the weekend timeframe of 9:00 PM on Friday to 6:00 AM on Monday.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

Interim Completion of Work 05/04/18

Complete all construction on project 3765-04-70 and open all lanes of CTH A to traffic prior to 12:01 AM May 5, 2018.

If the contractor fails to complete all construction on project 3765-04-70, and open all lanes of CTH A to traffic prior to 12:01 AM on May 5, 2018, the department will assess the contractor \$2,070 in interim liquidated damages for each calendar day that this contract work remains incomplete after 12:01 AM on May 5, 2018. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

Interim Completion of Work 06/01/18

Complete all construction operations under this contract, except for traffic signal maintenance, and open all roadways under this contract to through traffic prior to 12:01 AM June 2, 2018.

If the contractor fails to complete all construction operations under this contract, except for traffic signal maintenance, and open all roadways under this contract to through traffic prior to 12:01 AM June 2, 2018, the department will assess the contractor \$10,000 in interim liquidated damages for each calendar day that the roadway remains closed after 12:01 AM, June 2, 2018. An entire calendar day will be charged for any period of time within a calendar day that any road under this contract remains closed beyond 12:01 AM on June 2, 2018.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

Final Completion of Work 12/31/21

Complete all construction activities for traffic signal maintenance prior to 12:01 AM, January 1, 2022 or otherwise directed by the engineer.

Northern Long-eared Bat (*Myotis septentrionalis*)

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

4. Traffic.

Replace entire article language with the following:

The 2818-00-73 project will be done in four stages as shown in the staging plans. Flagging operations will be required for lane closures south of Exploration Court. During construction, the speed limit will be posted as advisory 35 MPH from CTH KR to STH 11. The speed limit is currently 55 MPH from CTH KR to Braun Road and 45 MPH from Braun Road to STH 11. North of STH 11 the speed limit will remain as currently posted which is 35 MPH.

When reconstructing the curb ramps, maintain pedestrian access at all times by using ADA compatible devices as shown in SDD 15D 30 "Traffic Control, Pedestrian Accommodation" to divert pedestrians around the work area. In areas with driveway crossings, provide a lane closure on CTH H following SDD 15D 20 "Traffic Control, Single Lane Closure, Non-Freeway/Expressway" and divert pedestrians into the closed traffic lane as shown in SDD 15D 30 "Traffic Control, Pedestrian Accommodation" until the ramp can be reopened.

- During Stage 1, the northbound lane from CTH KR to STH 11 will be milled and HMA pavement placed.
- During Stage 2, the southbound lane from CTH KR to STH 11 will be milled and HMA pavement placed.
- During Stage 3, the northbound lanes from Enterprise Drive to STH 20 the existing pavement will be removed and replaced.
- During Stage 4, the southbound lanes from Enterprise Drive to STH 20 the existing pavement will be removed and replaced.

For Project 2818-00-73, CTH H, CTH KR to STH 20 lane closures are not permitted during peak hours. Full roadway closures are only permitted south of STH 11 during night time hours.

The 3765-04-70 project will be done under a detour with the roadway open to local traffic only. The detour will be CTH A to the IH 41 east frontage road, south to CTH E, east to CTH H, north to CTH A, and vice versa.

The 3723-01-70 project will be done in four stages as shown in the staging plans. Flagging operations will be required for lane closures. During construction, the speed limit will be posted as advisory 35 MPH from CTH A to CTH KR. The speed limit is currently 55 MPH from CTH A to CTH KR.

- During Stage 1, the northbound lane from CTH A to CTH KR will be milled and lower layer HMA pavement placed.
- During Stage 2, the southbound lane from CTH A to CTH KR will be milled and lower layer HMA pavement placed.
- During Stage 3, the northbound lane from CTH A to CTH KR will have upper layer HMA pavement placed.
- During Stage 4, the southbound lane from CTH A to CTH KR will have upper layer HMA pavement placed.

For Project 3723-01-70, CTH H, CTH A to CTH KR, lane closures are not permitted during peak hours. Full roadway closures are only permitted during night time hours.

All work and operations shall be completed according to the plans, WisDOT standard detailed drawings, MUTCD, and as directed by the engineer.

Lane Rental Fee

A lane rental fee will be assessed for closures outside the time frames allowed under this contract. If a lane is obstructed at any time due to work operations, it is considered a closure. The lane rental fee for this contract is \$250 per quarter hour for single lane closures during peak hours and full roadway closures completed outside of night time hours. The lane rental fee will be assessed for each direction of traffic for full roadway closures during peak hours. All closure event increments 15 minutes and less will be assessed the full 15-minute increment.

The department will assess a lane rental fee by the dollar under administrative item 801.0104 – Failing to Open Road to Traffic, per CMM 2-38.2.11 Table 1.

Lane rental fees will not be applied to the full weekend closure hours allowed for the CTH H culvert replacement or during the planned CTH A full closure.

Lane rental fees will not be assessed for closures due to crashes, accidents, emergencies, or maintenance not initiated by the contractor.

Emergency Vehicle Access

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

Bus Access

Maintain a suitable temporary through lane for access to school buses at all times to roadways located within the project limits.

Construction Contact Information

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

Local Vehicle Access

Close driveways only for the minimum time required to construct new access approaches. Prior to removal or closing of driveway access, provide 48-hour notice to the occupant and owner of the premises. Driveway shall be closed for a maximum of three days for HES driveways and seven days for non HES driveways.

Business Access

Contact businesses which have entrances within the project limits seven days prior to performing work which may affect the entrances. Confirm the closure with the property owner two days prior to use. If a business has two driveways, keep one open while constructing the other driveway. If a property has one driveway, construct one half at a time or coordinate closure with the property owner.

Wisconsin Lane Closure System Advance Notification

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

Wisconsin Lane Closure System Advance Notification

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

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

Closure type with height, weight, or width restrictions (available width, all lanes in one direction ≤16')	MINIMUM NOTIFICATION
Lane and shoulder closures	14 calendar days
Full roadway closures	14 calendar days
System and service ramp closures	14 calendar days
Full system and service ramp closures	14 calendar days
Detours	14 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction >16')	MINIMUM NOTIFICATION
Lane and shoulder closures	3 business days
System and service ramp closures	3 business days
Modifying all closure types	3 business days

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

5. Traffic Meetings and Traffic Control Scheduling

Replace entire article language with the following:

Every Wednesday by 9:00 AM, submit a detailed proposed 2-week look-ahead traffic closure schedule to the engineer. Type the detailed proposed 2-week look-ahead closure schedule into an excel spreadsheet provided by the engineer. Enter information such as closure dates, duration, work causing the closure and detours to be used. Also enter information such as ongoing long-term closures, emergency contacts and general 2-month look-ahead closure information into the excel spreadsheet.

Meet with the engineer between 10:00 -11:00 AM on Thursdays to discuss and answer questions on the proposed schedule. The location of this meeting will be determined at the preconstruction meeting associated with this project. Edit, delete and add closures to the detailed proposed 2-week look-ahead schedule, as directed by the engineer, so that proposed closures meet specification requirements. Other edits, deletions, or additions unrelated to meeting specification requirements may also be agreed upon with the engineer during the 10:00 AM meeting.

Every Thursday at 2:00 PM, or as scheduled by the engineer, attend a weekly traffic meeting. The meeting will bring local agencies, project stakeholders, owner managers, owner engineers, contractors, document control and construction engineering personnel together to discuss traffic staging, closures and general impacts. Upon obtaining feedback from the meeting attendees, edit, delete and add information to the detailed 2-week look-ahead closure schedule, as needed. Submit the revised 2-week look-ahead to the engineer.

Obtain approval from the engineer for any mid-week changes to the closure schedule. Revise the 2-week look-ahead as required and obtain engineer approval.
sef-643-040 (20150319)

22. **Temporary Traffic Signal for Intersections CTH H and CTH KR, Item 661.0200.01; CTH H and Braun Road, Item 661.0200.02; CTH A and CTH H, Item 661.0200.04; IH 41 East Frontage Road and CTH E, Item 661.0200.05**

Delete pay item 661.0200.03 Temporary Traffic Signals for Intersections IH 41 East Frontage Road & STH 11.

25. **Temporary EVP System CTH H & CTH KR, Item SPV.0105.01; CTH H & Braun Road, Item SPV.0105.02; CTH A & CTH H, Item SPV.0105.04; IH 41 East Frontage Road & CTH E, Item SPV.0105.05**

Replace entire section titled E Payment with the following:

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01.	Temporary EVP System CTH H & CTH KR	LS
SPV.0105.02.	Temporary EVP System CTH H & Braun Road	LS
SPV.0105.04	Temporary EVP System CTH A & CTH H	LS
SPV.0105.05	Temporary EVP System IH 41 East Frontage Road & CTH E	

Payment is full compensation for furnishing and installing all required equipment, materials, and supplies; for maintaining and changing the EVP detectors to match the plans, traffic control, and construction staging; for relocating the temporary EVP detectors due to construction activities, if required; for testing the EVP system for each stage and sub-stage of construction; for periodically cleaning all temporary EVP detectors; for removing the temporary EVP system; and for cleaning up and properly disposing of waste.

26. **Temporary Radar/Microwave Vehicle Detection System for Intersections CTH H & CTH KR, Item 661.0200.11; CTH H & Braun Road, Item 661.0200.12; CTH A & CTH H, Item 661.0200.14; IH 41 East Frontage Road & CTH E, Item 661.0200.15.**

Replace entire section titled E Payment with the following:

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.11	Temporary Radar/Microwave Vehicle Detection System for Intersections CTH H & CTH KR	LS
SPV.0105.12	Temporary Radar/Microwave Vehicle Detection System for Intersections CTH H & Braun Road	LS
SPV.0105.14	Temporary Radar/Microwave Vehicle Detection System for Intersections CTH A & CTH H	LS
SPV.0105.15	Temporary Radar/Microwave Vehicle Detection System for Intersections IH 41 East Frontage Road & CTH E	LS

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

29. Notice to Contractor – Safety

All workers shall wear OSHA and ANSI compliant safety head protection, safety glasses, safety-toe protective footwear, and safety vest at all times while within the project footprint. The contractor and respective subcontractors shall provide a copy of their current Company Safety Plans to the Department

Noncompliance with this contract provision may result in removal of contractor personnel from the project or suspension of work in accordance with Wisconsin Department of Transportation Standard Specification 108.6 applicable under the contract.

30. Notice to Contractor – Media Relations

- a. The Contractor shall not disseminate or publicize this Agreement, information relating to this Agreement, their work responsibilities, or generally comment about the entire project without prior written consent from one of the Department's designated Project Communications Leaders listed under Section 1(d).
- b. The Contractor will refer all information requests or interview requests made by external parties, including media sources, to all of the Department's designated Project Communications Leaders listed under Section 1(d).
- c. The Contractor agrees to coordinate with the Department as to the form, content and timing of any public announcement of this Agreement.
- d. The Project Communications Leaders for the Department shall be:
 - i. The Department's Project Manager
 - ii. Becky Kikkert
4802 Sheboygan Avenue
Madison, WI 53705
Phone: (608) 266-3581
Email: rebecca.kikkert@dot.wi.gov
 - iii. Michael Pyritz
141 NW Barstow Street
P.O. Box 798
Waukesha, WI 53188
Phone: (262) 521-5373
Email: michael.pyritz@dot.wi.gov
- e. Noncompliance with this contract provision may result in removal of contractor personnel from the project or suspension of work in accordance with Wisconsin Department of Transportation Standard Specification 108.6 applicable under the contract.
- f. Notwithstanding anything to the contrary contained herein, no provision of this Agreement shall be interpreted to impede the Contractor, or any individual, from reporting possible violations of

state or federal law to any governmental agency or entity, or from making other disclosures under the whistleblower provisions of state or federal law. The Contractor does not need the prior authorization of the Department to make any such reports or disclosures and the Contractor shall not be required to notify the Department that such reports or disclosures have been made.

31. Notice to Contractor – Special Event Day

The department reserves the right to restrict work operations from 6:00 AM to 10:00 PM for one day within the contract work period to accommodate a special event day within the project area.

32. Notice to Contractor – Temporary Stone Ditch Check

Place the Temporary Stone Ditch Check at the downstream end of the CTH H culvert pipe installation (approximately STA 220+00) prior to removal of existing box culvert. Silt fence should be tied into the Temporary Stone Ditch Check. Use light riprap placed over Geotextile Type R to construct the Temporary Stone Ditch Check. Reuse the light riprap material to complete the required riprap end treatment of the CTH H culvert pipes. Construction and materials required for the Temporary Stone Ditch Check will be incidental to the bid item Riprap Light.

33. Notice to Contractor – Dewatering for Cross Culvert STA. 220+00

If dewatering is necessary for the construction of the cross-culvert pipes at STA 220+00, the services will be considered incidental to the concrete pipe item. Coordinate the acceptable dewatering strategy through the Erosion Control Implementation Plan.

34. Notice to Contractor – Asphalt and Concrete Removal

Contractor shall transport all removed asphalt and concrete to a Kenosha County Facility. Prior to removals, Contractor shall coordinate with Kenosha County Engineer Mr. Clement Abongwa, P.E., (510) 825-3326, for dump site locations.

35. Late Season Marking Requirements.

Replace standard spec 646.3.1.3(2) with the following:

(2) Do not place Temporary Marking Line Removable Contrast Tape unless both the ambient and pavement temperatures are 40 degrees F and rising. If the engineer allows marking below 40 F, apply epoxy in the exact location where permanent marking would be installed. Maintain until weather permits permanent placement. Use epoxy from the APL located at:
<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/tools/appr-prod/default.aspx?sef-646-005> (20180104)

36. Survey Project 2818-03-73, Item SPV.0105.06; Project 3723-01-70, Item SPV.0105.07; Project 3765-04-70, Item SPV.0105.08.

A Description

This special provision describes modifying standard specs 105.6 and 650 to define the requirements for construction staking for this contract. Conform to sections 105.6 and 650 except as modified in this special provision.

Replace standard spec 105.6.1(2) with the following:

The department will not perform any construction staking for this contract. Obtain engineer's approval before performing all survey required to lay out and construct the work under this contract.

Replace standard spec 650.1 with the following:

This section describes the contractor-performed construction staking required under individual contract bid items to establish the horizontal and vertical position for all aspects of construction including:

- storm sewer
- subgrade
- base
- curb
- gutter
- curb and gutter
- curb ramps
- pipe culverts
- drainage structures
- pavement
- pavement markings (temporary and permanent)
- electrical installations
- supplemental control
- slope stakes
- detention ponds
- traffic signals
- utilities
- conduit
- traffic control items
- fencing

B (Vacant)

C Construction

Supplement standard spec 650.3.1 (5) with the following:

Confirm with engineer before using global positioning methods to establish the following:

1. Structure layout horizontal or vertical locations.
2. Concrete pavement vertical locations.
3. Curb, gutter, and curb & gutter vertical locations.
4. Concrete barrier vertical locations.
5. Storm Sewer layout horizontal or vertical locations, including structure centers, offsets, access openings, rim and invert elevations.

Replace standard spec 650.3.1(6) with the following:

(6) Maintain neat, orderly, and complete survey notes, drawings, and computations used in establishing the lines and grades. This includes:

- Raw data files
- Digital stakeout reports
- Control check reports
- Supplemental control files (along with method used to establish coordinates and elevation)
- Calibration report

Make the survey notes and computations available to the engineer within 24 hours as the work progresses unless a longer period is approved by the engineer.

Replace standard spec 650.3.3.1 with the following:

Under the Survey Project bid item, global positioning system (GPS) machine guidance for conventional subgrade staking on all or part of the work may be substituted. The engineer may require reverting to conventional subgrade staking methods for all or part of the work at any point during construction if the GPS machine guidance is producing unacceptable results.

Replace standard spec 650.3.3.4.1 with the following:

The department will provide the contractor staking packet as described in the Construction and Materials Manual (CMM) 7.10. At any time after the contract is awarded, the available survey and design information may be requested. The department will provide that information within 5 business days of receiving the contractor's request. The department incurs no additional liability beyond that specified in standard spec 105.6 or standard spec 650 by having provided this additional information.

Add the following to standard spec 650.3.3.6.2 as paragraph four:

Record all subgrade elevation checks and submit a hard copy to the engineer within 24 hours or as requested by the engineer.

D Measurement

Replace standard spec 650.4 with the following:

(1) The department will measure Survey Project (project ID) as separate single lump sum units acceptably completed.

E Payment

Replace standard spec 650.5 with the following:

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.06	Survey Project 2818-03-73	LS
SPV.0105.07	Survey Project 3723-01-70	LS
SPV.0105.08	Survey Project 3765-04-70	LS

Payment is full compensation for performing all survey work required to lay out and construct all work under this contract and for adjusting stakes to ensure compatibility with existing field conditions. The department will not make final payment for this item until the contractor submits all survey notes and computations used to establish the required lines and grades to the engineer within 24 hours of completing this work. Re-staking due to construction disturbance and knock-outs will be performed at no additional cost to the department.

sef-650-005 (20180104)

37. Baseline CPM Progress Schedule, Item SPV.0060.02; Monthly CPM Progress Schedule Updates, Item SPV.0060.03.

Replace standard spec 108.4 with the following:

108.4 Critical Path Method Progress Schedule

108.4.1 Definitions

(1) The department defines terms used in 108.4 as follows:

Activity An administrative or construction task performed during the course of the project with a defined duration, and scheduled (or actual) start and finish dates.

Critical Path	The longest continuous chain of activities through the CPM schedule that establishes the minimum overall project duration.
Construction Activity	Construction activities are discrete work activities performed by the contractor, subcontractors, utilities, or third parties within the project limits.
CPM Progress Schedule	A Critical Path Method (CPM) Progress Schedule is a network of logically related activities. The CPM schedule calculates when activities can be performed and establishes the critical or longest continuous path or paths of activities through the project.
Float	Float, as used in this special provision, is the total float of an activity; i.e., it is the amount of time between the date when an activity can start (the early start), and the date when an activity must start (the late start). In cases where the total float of an activity has a different value when calculated based on the finish dates, the lower (more critical) value will govern.
Forecast Completion Date	The completion date predicted by the latest accepted CPM Update, which may be earlier or later than the contract completion date, depending on progress.
Fragnet	A group of logically-related activities, typically inserted into an existing CPM schedule to model a portion of the project, such as the work associated with a change order.
Initial Work Plan	The initial work plan is a time-scaled CPM schedule showing detailed activities for the first 90 calendar days of work and summary level activities for the remainder of the project.
Intermediate Milestone Date	A contractually required date for the completion of a portion of the work, so that a subsequent portion of the work or stage of traffic phasing may proceed.
Master Program Schedule	The department's schedule for the overall 94 N-S Freeway Program, including intermediate milestone dates and contract completion dates, and containing codes for use as a template for the development of the contractor's schedule.
Master Project Schedule	The department's schedule for the contract work, developed during design, and provided to the contractor for informational purposes only.
Work Breakdown Structure (WBS)	A framework for organizing the activities that make up a project by breaking the project into successively greater detail by level. A WBS organizes the project work. It does not address the sequencing and scheduling of project activities.

108.4.2 Department's Master Schedules

108.4.2.1 Master Project Schedule

(1) If requested by a bidder or by the contractor, the department will supply its Master Project Schedule for the contract work, developed during design. The Master Project Schedule is not a direction on how to perform the work. The Master Project Schedule reflects one possible approach to the work, consistent with the phasing requirements.

108.4.2.2 Master Program Schedule

(1) Within five business days after award, the department will provide its current Master Program Schedule, containing intermediate milestone constraints, standard activity codes, and a standard WBS for the contractor to use to develop its schedule.

108.4.2.3 Use of Department's Master Schedules

(1) The department's Master Schedules provide information to assist the contractor in preparing its schedule. The Master Schedules are not contract documents. The logic contained in the Master Schedules is not intended to alter or supplement contract requirements for the phasing of the work, but to reflect those requirements.

108.4.3 Contractor's Scheduling Responsibilities

(1) Prepare and submit a CPM progress schedule that accurately reflects the plan for the performance of the work, based on the physical requirements of the Work, and Traffic Phasing requirements. The CPM schedule is the contractor's committed plan to complete all work within the completion deadlines. Full responsibility is assumed for the prosecution of the work as shown. The CPM schedule is not part of the contract. Schedule the Work in the manner required to achieve the completion date and intermediate milestone dates specified in the Prosecution and Progress Special Provision.

(2) Use the department-provided Master Program Schedule as a template to develop the Initial Work Plan and the Baseline CPM Progress Schedule. Use the Master Program Schedule's ID coding structure to categorize activities by Contract, Stage, Location, and Responsibility to ensure compatibility with the Master Program Schedule and with schedules prepared by other contractors. Add additional activity codes as necessary, but do not delete the coding structure provided.

(3) To ensure compatibility with the Master Program Schedule, use the latest version of Primavera P6 Project Management, by Oracle Corporation, Redwood Shores, CA, to prepare the Initial Work Plan, Baseline CPM Progress Schedule, and Monthly CPM Updates.

(4) Designate a Project Scheduler who will be responsible for scheduling the Work and submit a professional resume describing a minimum of three years of scheduling experience on urban, interstate-highway reconstruction work of similar size and complexity, including recent experience with P6. Obtain approval of the submitted resume before scheduling the work.

108.4.4 Submittals

108.4.4.1 Initial Work Plan

(1) Within ten business days after the Initial Work Plan Workshop, as scheduled in section 103.10, submit an Initial Work Plan as follows:

1. Develop the Initial Work Plan using the Master Program Schedule as a template. Identify the contemplated start and completion dates for each activity.
2. Provide a detailed plan of activities to be performed within the first 90 calendar days of the contract. Provide construction activities with durations not greater than 28 calendar days (20 business days), unless the engineer accepts requested exceptions.
3. Provide activities as necessary to depict administrative work, including submittals, reviews, and procurements that will occur within the first 90 calendar days of the contract. Show additional activities that require department review or approval. Activities other than construction activities may have durations greater than 28 calendar days (20 business days). Allow 21 calendar days (15 business days) for department review of submittals.
4. Provide summary activities for the balance of the project. Summary activities may have durations greater than 28 calendar days (20 business days).

5. Submit three copies of the Initial Work Plan in a compressed (XER) format on three separate CDs.
6. The engineer will accept the contractor's Initial Work Plan or provide comments within five business days after receipt of the Initial Work Plan. Address comments and resubmit the Initial Work Plan as necessary. Do not begin work until the engineer accepts the Initial Work Plan. The department will use the initial work plan to monitor the progress of the work until the Baseline CPM Progress Schedule is accepted.
7. Submit an updated version of the Initial Work Plan monthly until the engineer accepts the Baseline CPM Progress Schedule. With each update, include actual start dates, completion percentages, and remaining durations for activities started but not completed. Include actual finish dates for completed activities.
8. Ensure the Initial Work Plan shows completing the work within the interim completion dates and specified completion date.
9. Include activities that describe essential features of the work and activities that might potentially delay contract completion. Identify activities that are controlling items of work.

108.4.4.2 Baseline CPM Progress Schedule

(1) Within 15 business days after the CPM Scheduling Workshop, as scheduled in section 103.10, submit a Baseline CPM Progress Schedule and written narrative. The department will use the schedule to monitor the progress of the work.

1. Develop the Baseline CPM using the Master Program Schedule as a template. The Baseline CPM is the contractor's committed plan to complete the Work within the time frames required to achieve the contract completion date and intermediate milestone dates.
 - 1.1. Provide a detailed plan of activities to be performed during the entire contract duration, including all administrative and construction activities required to complete the work as described in the contract documents. Provide construction activities with durations not greater than 28 calendar days (20 business days), unless the engineer accepts requested exceptions.
 - 1.2. Provide activities as necessary to depict administrative work, including submittals, reviews, procurements, inspections, and all else necessary to complete the work as described in the contract documents. Activities other than construction activities may have durations greater than 28 calendar days (20 business days). Allow 21 calendar days (15 business days) for department review of submittals.
 - 1.3. Submit a temporary drainage plan showing the interface between various stages of a project as well as the interface with adjacent projects.
 - 1.4. Include activities that describe essential features of the work and activities that might potentially delay contract completion. Identify activities that are controlling items of work.
 - 1.5. Show completing the work within interim completion dates and the specified completion date.

- 1.6. Provide summary activities for the balance of the project. Summary activities may have durations greater than 28 calendar days (20 business days).
 - 1.7. Provide activities as necessary to depict third party work related to the contract.
 - 1.8. Make allowance for specified work restrictions, non-working days, time constraints, calendars, and weather; and reflect involvement and reviews by the department, and coordination with adjacent contractors, utility owners, and other third parties.
 - 1.9. With the exception of the Project Start Milestone and Project Completion Milestone, all activities must have predecessors and successors. The start of an activity shall have a Start-to-Start or Finish-to-Start relationship with preceding activities. The completion of an activity shall have a Finish-to-Start or Finish-to-Finish relationship with succeeding activities. Do not use Start-to-Finish relationships. Do not use Finish-to-Start relationships with a lag unless the engineer accepts requested exceptions.
 - 1.10. Schedule all intermediate milestones in the proper sequence and input as either a "Start-no-Earlier-Than" or "Finish-no-Later-Than" date. Provide predecessors and successors for each intermediate milestone as necessary to model each Stage of the Work. Unless the engineer accepts a requested exception, the schedule should encompass all the time in the contract period between the starting date and the specified completion date.
 - 1.11. Using the bid quantities and unit prices, develop an anticipated cash-flow curve for the project, based on the Baseline CPM.
2. Provide three hard copies of a hand-drawn or electronically drafted logic diagram depicting the CPM network. Organize the logic diagram by grouping related activities, based on the activity codes in the CPM.
 3. Provide a written narrative with the baseline CPM explaining the planned sequence of work, as-planned critical path, critical activities for achieving intermediate milestone dates, traffic phasing, and planned labor and equipment resources. Use the narrative to further explain:
 - 3.1. The basis for activity durations in terms of production rates for each major type of work (number of shifts per day and number of hours per shift), and equipment usage and limitations.
 - 3.2. Use of constraints.
 - 3.3. Use of calendars.
 - 3.4. Estimated number of adverse weather days on a monthly-basis.
 - 3.5. Scheduling of permit and environmental constraints, and coordination of the schedule with other contractors, utilities, and public entities.

(1) Submit three copies of the Baseline CPM in a compressed (XER) format on three separate CDs.

(2) Within ten business days of receiving the Baseline CPM, the engineer will provide comments and schedule a meeting for the contractor to present its Baseline CPM and answer questions raised in the engineer's review.

(3) At the meeting scheduled by the engineer, provide a presentation of the Baseline CPM. In the presentation, include a discussion of the staging and sequencing of the work, understanding of traffic phasing, and application of labor and equipment resources to the Work. Address comments raised in the engineer's review.

(4) Within five business days after the meeting, the engineer will accept the contractor's Baseline CPM schedule or provide comments. Address the engineer's comments and resubmit a revised Baseline CPM within ten business days after the engineer's request. If the engineer requests justification for activity durations, provide information that may include estimated labor, equipment, unit quantities, and production rates used to determine the activity duration.

(5) The department will only make progress payments for the value of materials, as specified in 109.6.3.2, until the contractor has submitted the Baseline CPM Schedule. The department will retain 10 percent of each estimate until the department accepts the Baseline CPM Schedule.

(6) The engineer will accept the Baseline CPM based solely on whether the schedule is complete as specified in this section. The engineer's acceptance of the schedule does not modify the contract or validate the schedule.

(7) The department will not consider requests for contract time extensions as specified in 108.10 or additional compensation for delay specified in 109.4.7 until the department accepts the Baseline CPM schedule.

108.4.4.3 Monthly CPM Updates

(1) Submit CPM Updates on a monthly basis after acceptance of the Baseline CPM as follows:

1. Include actual start dates, completion percentages, and remaining durations for activities started but not completed, and actual finish dates for completed activities, through the final acceptance of the project.
2. Include additional activities as necessary to depict additions to the contract by changes and logic revisions as necessary to reflect changes in the contractor's plan for prosecuting the work.
3. Include a narrative report that includes a brief description of monthly progress, changes to the critical path from the previous update, sources of delay, potential problems, work planned for the next 30 calendar days, and changes to the CPM schedule. Changes to the logic of the CPM schedule include the addition or deletion of activities and changes to activity descriptions, original durations, relationships, constraints, calendars, or previously recorded actual dates. Justify changes to the CPM schedule in the narrative by describing associated changes in the planned methods or manner of performing the work or changes in the work itself.
4. Submit three copies of each CPM Update in a compressed (XER) format electronically, as agreed to with the department.
5. If additions or changes were made to the CPM schedule since the previous update, submit an updated hard copy of the revised logic diagram.

(2) Within five business days of receiving each CPM Update, the engineer will provide comments and schedule a meeting as necessary to address comments raised in the engineer's

review. Address the engineer's comments and resubmit a revised CPM Update within five business days after the engineer's request.

108.4.4.4 Three-Week Look-Ahead Schedules

(1) Submit Three-Week Look-Ahead Schedules on a weekly basis after the notice to proceed (NTP). The schedule can be hand drawn or generated by computer. With each Three-Week Look-Ahead include:

1. Activities underway and as-built dates for the past week.
2. Actual as-built dates for completed activities through final acceptance of the project.
3. Planned work for the upcoming two-week period.
4. The activities underway and critical RFIs and submittals, based on the CPM schedule.
5. Details on other activities not individually represented in the CPM schedule.

(2) On a weekly basis, the department and the contractor shall agree on the as-built dates depicted in the Three-Week Look-Ahead schedule or document all disagreements. Use the as-built dates from the Three-Week Look-Ahead schedules for the month when updating the CPM schedule.

108.4.4.5 Weekly Production Data

(1) Provide estimated and actual weekly production rates for items of work on a weekly basis as follows:

1. Data on the following items by area or station:
 - 1.1. Retaining Walls
 - 1.1.1. Leveling Pads - LF
 - 1.1.2. Set Panels - SF
 - 1.1.3. Parapets - LF
 - 1.1.4. Wall Face - Bay
 - 1.1.5. Tie Backs – Each
 - 1.1.6. Anchor Slabs – LF
 - 1.1.7. Drilling - Each
 - 1.1.8. Coping – LF
 - 1.1.9. Footing - LF
 - 1.2. Bridge Construction
 - 1.2.1. Footings—Each
 - 1.2.2. Columns—Each
 - 1.2.3. Abutments—Each
 - 1.2.4. Pier Caps—Each
 - 1.2.5. Girder Spans – Each
 - 1.2.6. Decker Spans – Each
 - 1.2.7. Poured Spans – Each
 - 1.3. Roadway Excavation—CY per week
 - 1.4. Roadway Structural Section
 - 1.4.1. Grading/Subgrade Preparation—SY
 - 1.4.2. Base Material Placement—Ton
 - 1.4.3. Base Material Subgrade Preparation—SY
 - 1.4.4. Asphalt Pavement—Ton
 - 1.4.5. Concrete Pavement – SY
 - 1.5. Tunnels
 - 1.5.1. Drilled Shafts – Each
 - 1.5.2. Beam Seat/Cap - LF

- 1.5.3. Girders - Each
- 1.5.4. Deck – Percent
- 1.6. Noise Walls
 - 1.6.1. Drill/Set Ground Mounted Posts - Each
 - 1.6.2. Install Ground Mounted Panels - Each
 - 1.6.3. Anchor/Set Structure Mounted Posts - Each
 - 1.6.4. Install Structure Mounted Panels - Each

- 2. The actual daily production for the past week and the anticipated weekly production for the next week.

(2) Submit the data in an electronic spreadsheet format at the same time the Three-Week Look-Ahead is submitted. On a weekly basis, the department and the contractor shall agree on the production data or document all disagreements.

108.4.5 Progress Review Meetings

108.4.5.1 Weekly Progress Review Meetings

(1) After completing the weekly submittal of the Three-Week Look-Ahead and production data, attend a weekly meeting to review the submittals with the department. At the meeting, address comments as necessary, and document agreement or disagreement with the department.

108.4.5.2 Monthly Update Review Meetings

(1) After submitting the monthly update and receiving the engineer's comments, attend a job-site meeting, as scheduled by the engineer, to review the progress of the schedule. At that meeting, address comments as necessary, and document agreement or disagreement with the department. The monthly meeting will be coordinated to take place on the same day and immediately before or after a weekly meeting, whenever possible.

108.4.6 CPM Progress Schedule Revisions

(1) Revision by the contractor if necessary due to changes in the Work or project conditions and authorized by the engineer, a CPM Progress Schedule Revision may be submitted, although the next Monthly CPM Update is not yet due. Prepare the CPM Revision in the same format as required for Monthly CPM Updates, including justification for changes to the schedule. The process for comment and acceptance of a CPM Revision will be the same as for Monthly CPM Updates. If the CPM Revision is accepted, prepare the next monthly update based on the revised CPM. If the CPM Revision is rejected, prepare the next monthly update based on the previous month's update.

(2) Engineer's Right to Request Revisions—The engineer will monitor the progress of the work and may request revisions to the CPM schedule. Revise the schedule as requested by the engineer, and submit a CPM Progress Schedule Revision within ten business days of the request. The process for comment and acceptance of a CPM Revision will be the same as for Monthly CPM Updates. The engineer may request that the contractor revise the CPM schedule for one or more of the following reasons:

- 1. The forecast completion date is scheduled to occur more than 14 calendar days after the contract completion date.
- 2. An intermediate milestone is scheduled to occur more than 14 calendar days after the date required by the contract.
- 3. The engineer determines that the progress of the work differs significantly from the current schedule.
- 4. A contract change order requires the addition, deletion, or revision of activities that causes a change in the contractor's work sequence or the method and manner of performing the work.

108.4.7 Documentation Required for Time Extension Requests

(1) To request a time extension to an intermediate milestone date or the contract completion date associated with changes to the work, provide a narrative detailing the work added or deleted and the other activities affected, based on the latest accepted CPM Update. For added work, submit a proposed fragment of activities to be added or revised in the CPM schedule, indicating how the fragment is to be tied to the CPM schedule.

(2) To request a time extension to an intermediate milestone date or the contract completion date associated with delays to the work, provide a narrative detailing the affected activities and the cause of the delay, based on the latest accepted CPM Update. Requests for time extensions due to delays should meet the following criteria:

1. For requests to extend the contract completion date, include a description of how the delay affected the project's critical path, based on the latest accepted CPM Update.
2. For requests to extend an intermediate milestone date, include a description of how the delay affected the controlling (longest) path to the milestone, based on the latest accepted CPM Update.
3. The department and the contractor agree that the float is not for the exclusive use or financial benefit of either party. Either party has the full use of the float on a first come basis until it is depleted.

108.4.8 Payment for CPM Progress Schedule

(1) The department will pay for measured quantities at the contract unit price for work acceptably completed under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Baseline CPM Progress Schedule	EACH
SPV.0060.03	Monthly CPM Progress Schedule Updates	EACH

(2) The department will only make progress payments for the value of materials, as specified in 109.6.3.2.1, until the Baseline CPM schedule has been submitted. The department will retain ten percent of each estimate until the department accepts the Baseline CPM schedule.

(3) The department will only make progress payments for the value of materials, as specified in 109.6.3.2.1, until the Monthly CPM schedule updates have been submitted. The department will retain ten percent of each estimate until the department accepts the Monthly CPM schedule update.

(4) Payment is full compensation for all work required under these bid items. The department will pay the contract unit price for the Baseline CPM schedule after the department accepts the schedule. Then, the department will pay the contract unit price for each Monthly CPM Update acceptably completed.

sef-108-005 (20171004)

Schedule of Items

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

Plan Sheets

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

2818-00-73

Revised: 2, 7-8, 10, 12, 14-15, 22-25, 49-51, 56-60, 66-69, 75-77, 85, 90-91, 98-101, 103-107, 111, 116-117, and 236.

Added: 7A, 9A, 14A-14B, 24A, 48A, 50A, 74A, 89A, 101A, 236A – 236C, and 238A – 238AC.

3723-01-70

Revised: 4 – 9 and 18 – 23.

Added: 5A, 19A, 20A, 23A, 25A, 28A, and 44A – 44K.

3765-04-70

Revised: 4 – 6, 23 – 25, 27, 28, 30 – 32, 38 – 44, 49, 51, 53 – 56, and 58 – 61.

Added: 5A, 25A – 25C, 42A, 60A, 60B, 69A, 88A, 88B, 91A, 99A, 102A, 103A, and 107A – 107V.

END OF ADDENDUM

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER. THE EXACT LOCATION OF PRIVATE ENTRANCES IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL RADIUS DIMENSIONS FOR CURB & GUTTER ARE GIVEN TO THE FLANGE. ALL ELEVATIONS ALONG CURB & GUTTER ARE GIVEN TO THE FLANGE. OFFSETS NOTED ARE TO THE FLANGE OR EDGE OF LANE IF NO CURB, UNLESS OTHERWISE NOTED.

CONTRACTOR SHALL CONTACT RACINE COUNTY SURVEYOR BEFORE DISTURBING ANY PUBLIC SURVEY MONUMENTS. CONTACT NATHAN PLUNKETT AT (262) 886-8442 FOR MONUMENT RELOCATION PROCEDURES.

THE LOCATION OF KNOWN EXISTING UTILITIES IN THE VICINITY OF THE PROJECT ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITIES IN THE AREA THAT ARE NOT SHOWN.

HMA PAVEMENT, WHERE INDICATED ON THE PLANS, SHALL CONSIST OF LAYERS AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER:

- 6.25" DEPTH
8.00" DEPTH
8.75" DEPTH
3 1/2" ASPHALTIC DRIVEWAYS AND FIELD ENTRANCES SHALL BE CONSTRUCTED AS ONE LAYER.

SILT FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

ASPHALT AND CONCRETE DRIVEWAYS SHALL BE SAWCUT AT THE MATCH LINE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

RE-TOPSOIL OF GRADED AREAS, AS DESIGNATED BY THE ENGINEER, IMMEDIATELY AFTER GRADING IS COMPLETED WITHIN THOSE AREAS. SEED, FERTILIZER, AND EROSION MAT TOP-SOILED AREAS, AS DESIGNATED BY THE ENGINEER, WITHIN FIVE (5) CALENDAR DAYS AFTER PLACEMENT OF TOPSOIL. P-GRADED AREAS ARE LEFT UNSEED FOR MORE THAN (5) CALENDAR DAYS, SEED THOSE AREAS WITH TEMPORARY SEED.

STOCKPILE EXCESS MATERIAL OR SPILLS ON UPLAND AREAS, STOCKPILED SOIL SHALL BE REMOVED IMMEDIATELY AND STOCKPILED SOIL SHALL BE REMOVED MORE THAN FOURTEEN (14) CALENDAR DAYS, SEED THE STOCKPILE WITH TEMPORARY SEED.

IN WET CONDITIONS, INSTALL BY-PASS PUMPS AND ROCK BAGS TO DEWATER SITES DURING EROSION CONTROL AND INSTALLATION AS SHOWN IN THE PLANS AND SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

EROSION CONTROL DEVICES ARE AT SUGGESTED LOCATIONS. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE CONTRACTORS EGP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER THE BMP IS ESTABLISHED OR UNTIL THE ENGINEER DETERMINES THAT THE BMP IS NO LONGER REQUIRED.

SUPER ELEVATION TRANSITION POINTS PROVIDED IN PLANS ARE BASED ON THEORETICAL RATES OF SUPER ELEVATION TRANSITION. SUPER ELEVATION TRANSITION RATES FROM PERFORMING AGRICULTURE WILL MAY BE REQUIRED TO PROVIDE THE VALUES SHOWN. FINAL SUPERELEVATION TRANSITIONS SHALL BE COORDINATED AND APPROVED BY ENGINEER BASED ON FIELD CONDITIONS ENCOUNTERED.

THE ROADWAY REFERENCE LINE IDENTIFIED IN THE PLANS WAS DEVELOPED OFF OF AERIAL IMAGERY AND DOES NOT MATCH THE CENTER OF THE PAVEMENT AT ALL LOCATIONS WITHIN THE PROJECT LIMITS. THE PROPOSED ROADWAY CROWN POINT AND ELEVATION SHOULD MATCH EXISTING CONDITIONS AND GENERALLY SPLIT THE EXISTING PAVEMENT WIDTH.

THE LOCATION OF NO-PASSING ZONE STRIPING AND SIGNING SHOWN IN THE PLANS IS APPROXIMATE; INSTALL NO-PASSING ZONE STRIPING AND STRIPING IN ACCORDANCE WITH THE EXISTING FIELD CONDITIONS. THE LOCATION OF STOPPING AND SIGNING SHOWN IN THE PLANS IS APPROXIMATE; INSTALL STOPPING AND SIGNING PRIOR TO INSTALLATION. CONTRACTOR SHALL TRANSPORT ALL REMOVED ASPHALT AND CONCRETE TO A NEARBY CONCRETE OR ASPHALT RECYCLING FACILITY. CONTRACTOR SHALL COORDINATE WITH WISCONSIN COUNTY ENGINEER MR. CLEMENS ABRONIA, P.E. (530) 825-5366, FOR DUMP SITE LOCATIONS.

CONTRACTOR SHALL TRANSPORT ALL REMOVED ASPHALT AND CONCRETE TO A NEARBY CONCRETE OR ASPHALT RECYCLING FACILITY. CONTRACTOR SHALL COORDINATE WITH WISCONSIN COUNTY ENGINEER MR. CLEMENS ABRONIA, P.E. (530) 825-5366, FOR DUMP SITE LOCATIONS.

PROJECT NO: 2818-00-73 HWY: CTH H

FILE NAME : X:\M\2017\01706500\CAD\TRANSPORTATION\DWG\SHEET\PLAN\20101.GRD LAYOUT NAME - 020101.GN - 020101.GN

STANDARD ABBREVIATIONS

- AEW APRON END WALL
AGG BASE AGGREGATE DENSE
C&G CURB AND GUTTER
C/S CENTER OR CONSTRUCTION LINE
CONC CONCRETE
CPM CURB PIPE CORRUGATED METAL
CPCV CURB PIPE REINFORCED CONCRETE
CPCV CURB PIPE REINFORCED CONCRETE
CORR CORRUGATED STEEL CURVED PIPE
CSPA CONCRETE SURFACE PAVEMENT, ARCH
CUBIC-YARD CUBIC-YARD
CY CUBIC-YARD
D DEGREE OF CURVE
DISCH DISCHARGE
FE FIELD ENTRANCE
HERFP HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE
HMA HOT MIX ASPHALT
INCH INCH
L LENGTH OF CURVE
LHF LEFT HAND FORWARD
LH LEFT HAND FORWARD
M MILE
M/L MATCHLINE
NB NORTHBOUND
NC NORMAL CROWN
NOV NO VERTICAL CURVE
PULL BOX PULL BOX
POINT-OF-CURVE POINT-OF-CURVE
POINT OF INTERSECTION POINT OF INTERSECTION
PERMANENT LIMITED EASEMENT PERMANENT LIMITED EASEMENT
PLE POINT OF TANGENT
PVC POINT OF VERTICAL CURVE
PVI POINT OF VERTICAL INTERSECTION
RADIUS OF CURVE RADIUS OF CURVE
R/W RIGHT OF WAY
RAJ RADIUS OF JUNCTION
RC REVERSE CROWN
RCREW REVERSE CROWN
RCHS RECESSED CURB
RECD REQUIRED
RHF RIGHT HAND FORWARD
RO ROAD
SALV SALVAGED
SB SIGNAL BASE
SDD STANDARD DETAIL DRAWING
SE SUPER ELEVATION
STA STATION
SY SQUARE YARD
T TANGENT LENGTH
T TEMPORARY LIMITED EASEMENT
TLE TEMPORARY LIMITED EASEMENT

RACINE COUNTY

RACINE COUNTY DEPARTMENT OF PUBLIC WORKS
14200 WASHINGTON AVENUE
STURTEVANT, WI 53177
MR. NATHAN PLUNKETT
COUNTY ENGINEER
NATHAN.PLUNKETT@RACINE.ORG
(262) 886-8440

MUNICIPALITIES

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VILLAGE OF MOUNT PLEASANT
MOUNT PLEASANT, WI 53406
SHOUTE@MOUNTPLEASANT.WI.GOV
(262) 664-7842

DESIGN CONTACT

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HONEY CREEK CORPORATE CENTER
129 S. 84TH STREET, SUITE 401
MILWAUKEE, WI 53222
MARYBEITH.PE@GRAEF-USA.COM
(414) 286-9175

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THE BELLE URBAN SYSTEM
MR. WILLIE MCDONALD
900 KENTUCKY STREET
MILWAUKEE, WI 53203
WILLIE.MCDONALD@CITYOFRACINE.ORG
(262) 618-2443

DEPT. OF NATURAL RESOURCES

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141 NW BARSTOW STREET
MILWAUKEE, WI 53203
CRAIG.WEBSTER@WISCONSIN.GOV
(262) 574-2461

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500 S 10TH STREET
MILWAUKEE, WI 53203
ALEX.DANTINNE@WE-ENERGIES.COM
(262) 896-7434

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(414) 225-3723

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ERIC PEREA
141 NW BARSTOW STREET
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UTILITIES

RACINE WATER & WASTEWATER UTILITY
PACIFIC WALKER
100 HUBBARD STREET
RACINE, WI 53402
CHADREGALIN@CITYOFRACINE.ORG
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Addendum No. 01
ID 2818-00-73
Revised Sheet 2
March 9, 2018

PROJECT NO: 2818-00-73 HWY: CTH H

FILE NAME : X:\M\2017\01706500\CAD\TRANSPORTATION\DWG\SHEET\PLAN\20101.GRD LAYOUT NAME - 020101.GN - 020101.GN

COUNTY: RACINE

PLOT DATE : 3/7/2018 3:36 PM

GENERAL NOTES

PLOT BY : ROGHAN, DOUG

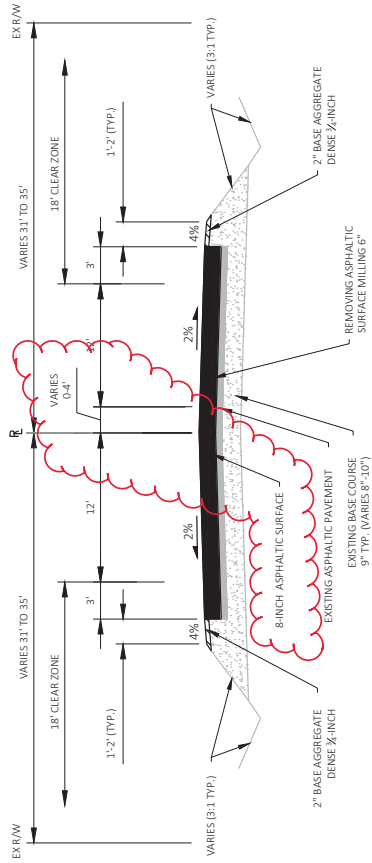
SHEET

2

WISDOT/CADD SHEET 42

PLOT SCALE : 1" IN=200 FT

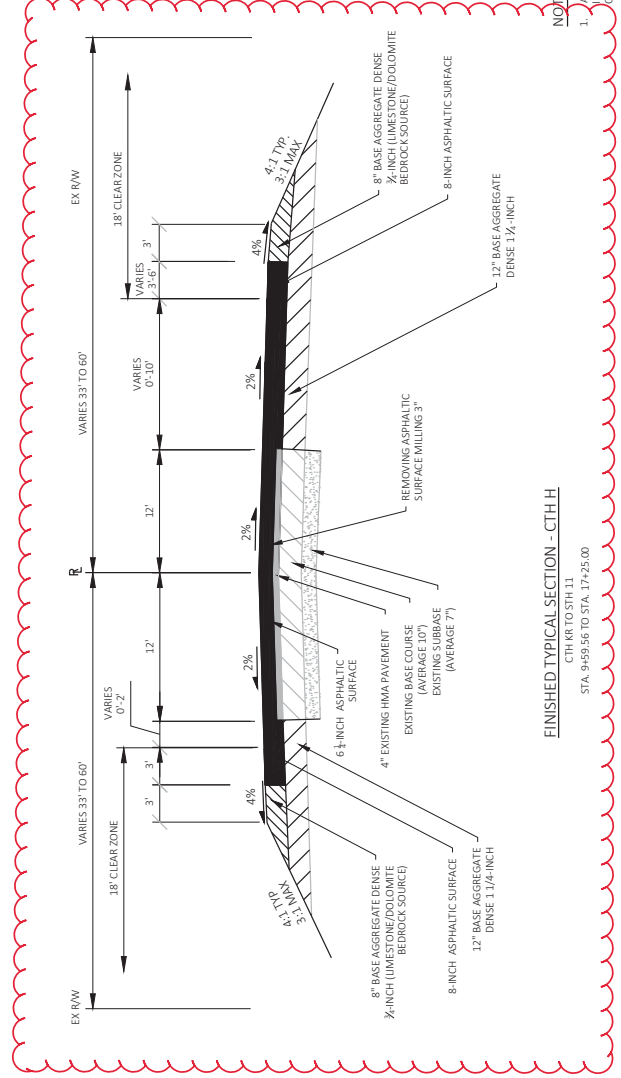




FINISHED TYPICAL SECTION - CTH H

BEGIN PROJECT TO CTH KR
STA. 8+26.41 TO STA. 9+59.56

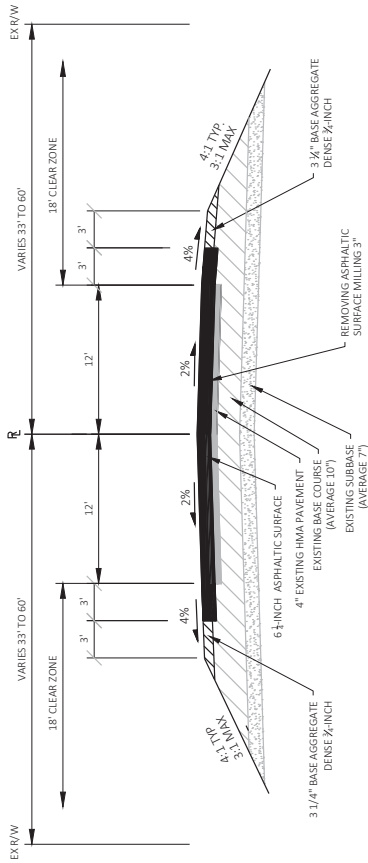
Addendum No. 01
ID 2818-00-73
Revised Sheet 7
March 9, 2018



FINISHED TYPICAL SECTION - CTH H

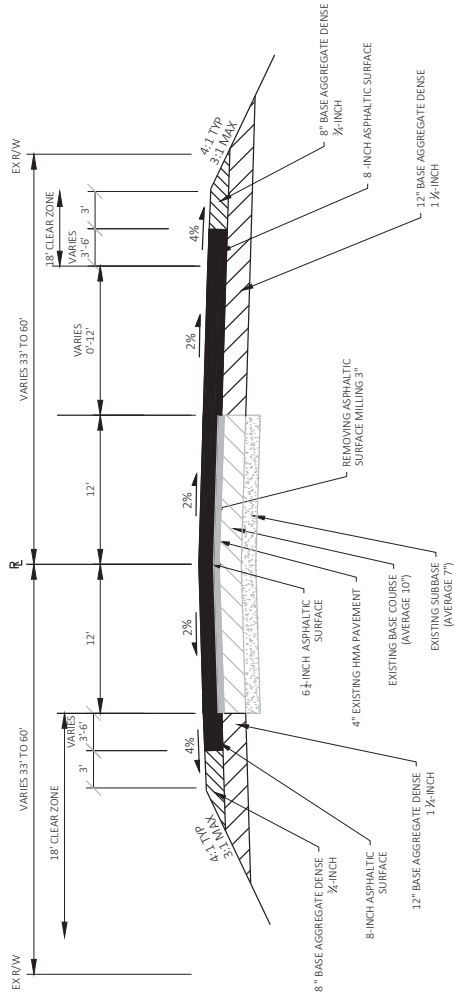
CTH KR TO CTH H
STA. 9+59.56 TO STA. 17+25.00

NOTE:
1. AN UNDISTRIBUTED QUANTITY FOR BASE PATCHING ASPHALT HAS BEEN INCLUDED IN THE PLANS. EXACT LOCATIONS OF BASE PATCHES SHALL BE COORDINATED AND APPROVED BY THE ENGINEER.



FINISHED TYPICAL SECTION - CTH H

CTH RR TO 5TH II
STA. 17+25.00 TO STA. 19+45.00
STA. 17+06.00 TO STA. 119+25.00



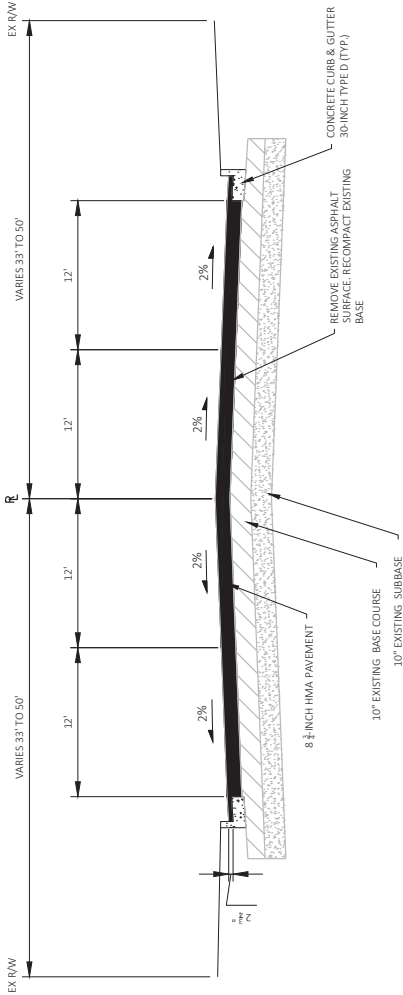
FINISHED TYPICAL SECTION - CTH H

CTH RR TO 5TH II
STA. 54+00.00 TO STA. 72+00.00

Addendum No. 01
ID 2818-00-73
Added Sheet 7A
March 9, 2018

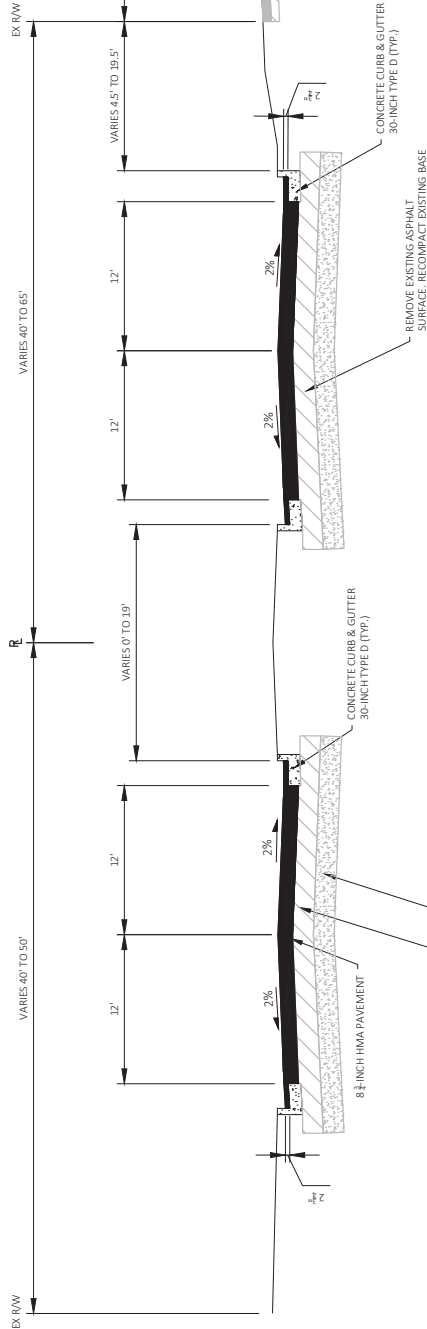
NOTE:
1. AN UNDISTRIBUTED QUANTITY FOR BASE PATCHING ASPHALT HAS BEEN INCLUDED IN THE PLANS. EXACT LOCATIONS OF BASE PATCHES SHALL BE COORDINATED AND APPROVED BY THE ENGINEER.

Addendum No. 01
 ID 2818-00-73
 Revised Sheet 8
 March 9, 2018



FINISHED TYPICAL SECTION - CTH H

5TH 11 TO WEST ROAD
 STA. 132+57.82 TO STA. 144+75.00

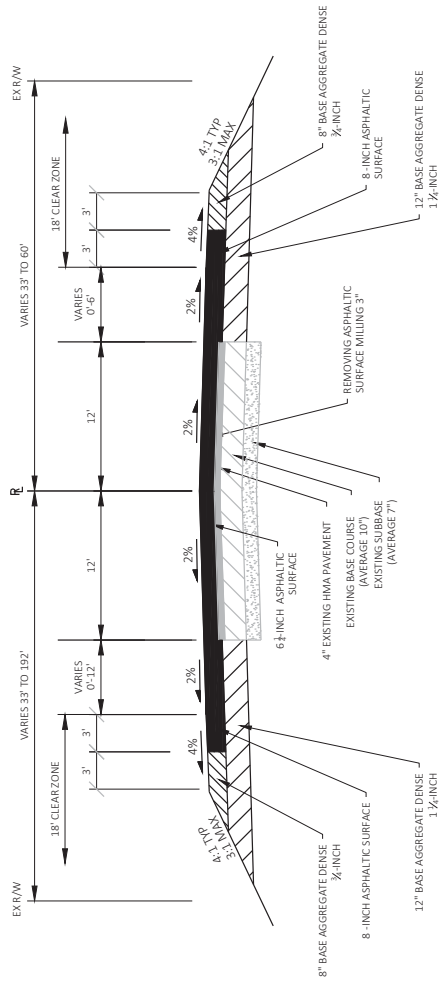


FINISHED TYPICAL SECTION - CTH H

WEST ROAD TO VENICE AVENUE
 STA. 144+75.00 TO STA. 154+75.00

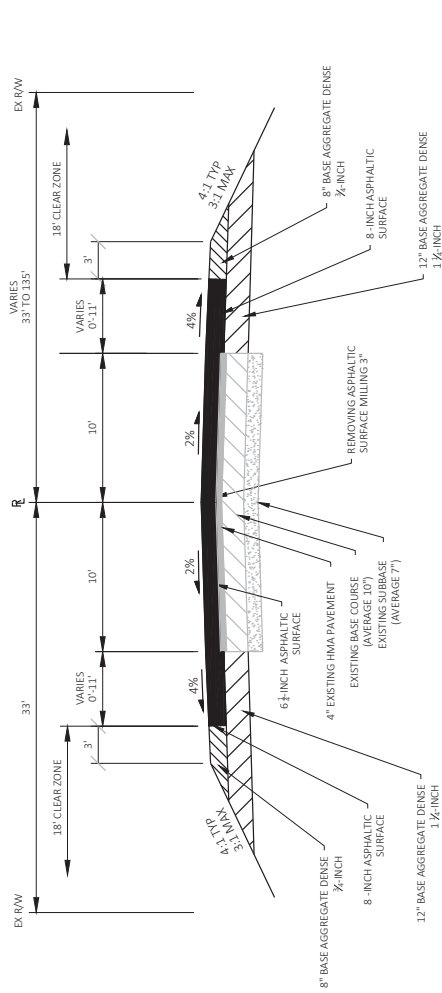
NOTE:

1. AN UNDISTRIBUTED QUANTITY FOR BASE PATCHING ASPHALT HAS BEEN INCLUDED IN THE PLANS. EXACT LOCATIONS OF BASE PATCHES SHALL BE COORDINATED AND APPROVED BY THE ENGINEER.



FINISHED TYPICAL SECTION - CTH KR

STA. 295+46.12 TO STA. 307+39.67



FINISHED TYPICAL SECTION - BRAUN ROAD

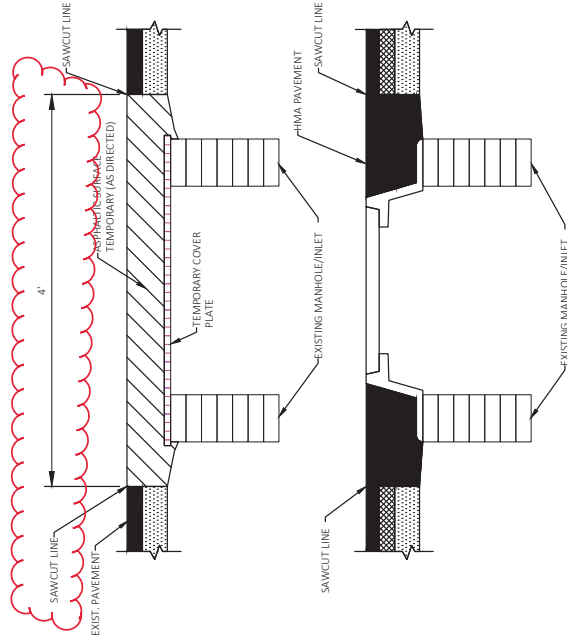
STA. 501+03.54 TO STA. 507+92.69

Addendum No. 01
 ID 2818-00-73
 Added Sheet 9A
 March 9, 2018

NOTE:

1. AN UNDISTRIBUTED QUANTITY FOR BASE PATCHING ASPHALT HAS BEEN INCLUDED IN THE PLANS. EXACT LOCATIONS OF BASE PATCHES SHALL BE COORDINATED AND APPROVED BY THE ENGINEER.

Addendum No. 01
 ID 2818-00-73
 Revised Sheet 10
 March 9, 2018



STEP 1

- PRIOR TO REMOVING ASPHALTIC SURFACE
- A. REMOVE AND STORE MANHOLE COVER
 - B. PLACE IN AND INSURE SIGNAL TEMPORARY COVER PLATE (INCIDENTAL)
 - C. MARK AND RECORD LOCATION OF MANHOLE
 - D. MARK AND RECORD LOCATION OF MANHOLE

STEP 2

- AFTER PAVING LOWER LAYER
- A. EXCAVATE AND REMOVE TEMPORARY COVER PLATE AND COVER TO FINISHED GRADE
 - (BACKFILL AND OTHER WORK TO BE DONE IN ACCORDANCE WITH ITEM - ADJUST EXISTING SANITARY MANHOLE)

CHIMNEY SEAL - GENERAL NOTES:

1. THE SEAL SHALL EXTEND FROM THE CASTING TO THE CORREL (CONE). SEAL EXTENSIONS SHALL BE USED AS REQUIRED.
2. AN INTERNAL ADAPTOR SEAL RING MAY BE USED IN LIEU OF THE RUBBER SLEEVE. THE INTERNAL ADAPTOR SEAL RING SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

INTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL
MANHOLE WATERPROOFING SEAL DETAIL

ADJUST EXISTING SANITARY MANHOLE

PROJECT NO: 2818-00-73

HWY: CTH H

COUNTY: RACINE

CONSTRUCTION DETAILS

SHEET

10

E

FILE NAME: X:\M\2017\30176000\CA0\TRANSPORTATION\DWG\SHEETS\PLAN\021001_CD.DWG

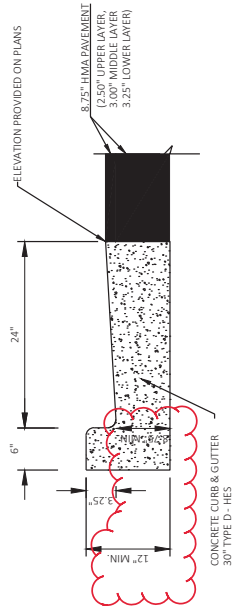
LAYOUT NAME: - 021001_01

PLOT DATE: 3/7/2018 12:27 PM

PLOT BY: SHORTER, ELIE

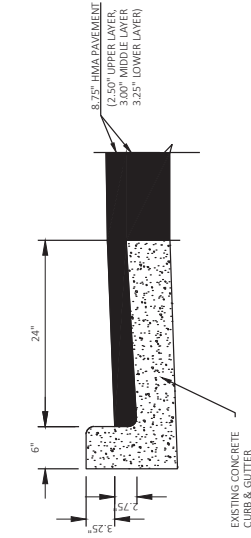
PLOT SCALE: 1" = 10'

WSS07/CADD/SHEET 42



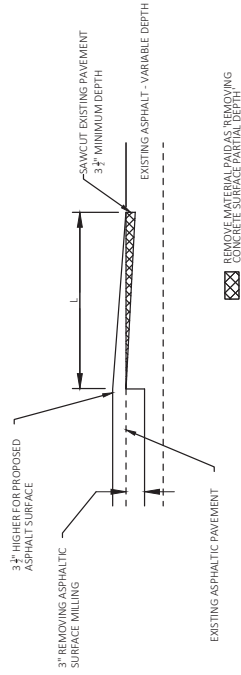
NEW-CONCRETE CURB & GUTTER 30-INCH TYPE D

NOTE: NEW CURB & GUTTER SHALL MATCH TOP OF FINISHED PAVEMENT ELEVATION (2.75" HIGHER THAN EXISTING ELEVATION TYP.)



EXISTING-CONCRETE CURB & GUTTER

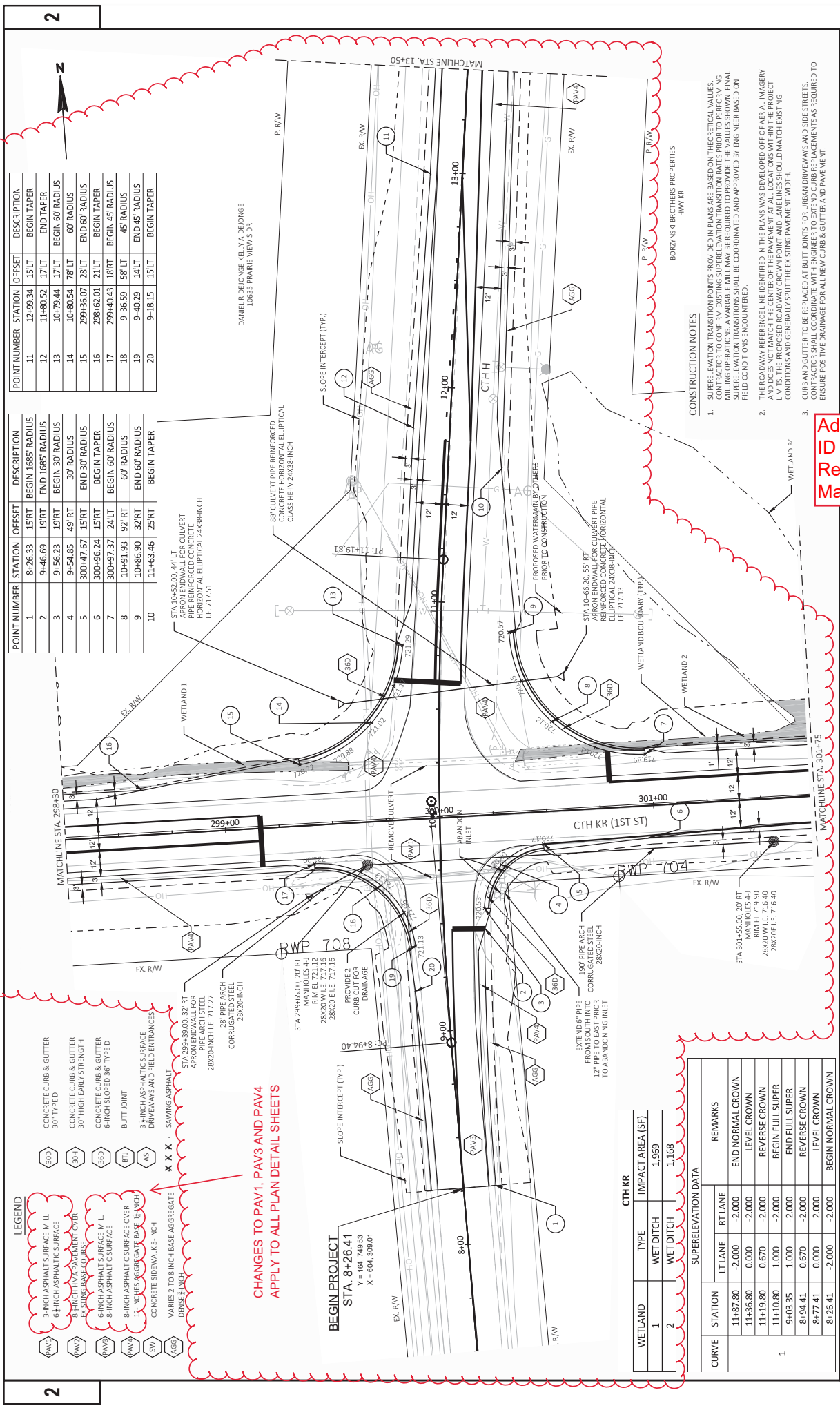
NOTE: EXISTING CURB & GUTTER SHALL BE OVERLAIN WITH 2.75" HMA PAVEMENT



BUTT JOINT DETAIL

Addendum No. 01
ID 2818-00-73
Revised Sheet 12
March 9, 2018

PROJECT NO: 2818-00-73	Hwy: CTH H	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET	12	E
FILE NAME: X:\MIDWEST\20170606\CAD\TRANSPORTATION\DWG\SHEETPLAN\021001_CD.DWG	3/9/2018 12:22 PM	ROGANN, DOUG	1/1" = 30"	WSIDOT\CADD\SHEET 42		



POINT NUMBER	STATION	OFFSET	DESCRIPTION
11	12+99.34	15' LT	BEGIN TAPER
12	11+80.52	17' LT	END TAPER
13	10+79.44	17' LT	BEGIN 60' RADIUS
14	10+80.54	78' LT	60' RADIUS
15	299+36.07	28' LT	END 60' RADIUS
16	298+62.01	18' LT	BEGIN TAPER
17	299+40.43	21' LT	BEGIN 45' RADIUS
18	9+36.59	58' LT	45' RADIUS
19	9+40.29	14' LT	END 45' RADIUS
20	9+18.15	15' LT	BEGIN TAPER

POINT NUMBER	STATION	OFFSET	DESCRIPTION
1	8+26.33	15' RT	BEGIN 1685' RADIUS
2	9+46.69	19' RT	END 1685' RADIUS
3	9+56.23	19' RT	BEGIN 30' RADIUS
4	9+54.85	49' RT	30' RADIUS
5	300+47.67	15' RT	END 30' RADIUS
6	300+96.24	15' RT	BEGIN TAPER
7	300+97.37	24' RT	BEGIN 60' RADIUS
8	10+91.93	92' RT	60' RADIUS
9	10+86.90	32' RT	END 60' RADIUS
10	11+43.46	25' RT	BEGIN TAPER

LEGEND

- (60D) 3-INCH ASPHALT SURFACE MILL
- (60E) 6-INCH ASPHALT SURFACE
- (60F) 8-INCH HMA PAVEMENT OVER EXISTING ASPHALT
- (60G) 6-INCH ASPHALT SURFACE MILL
- (60H) 8-INCH ASPHALT SURFACE
- (60I) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60J) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60K) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60L) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60M) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60N) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60O) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60P) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60Q) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60R) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60S) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60T) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60U) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60V) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60W) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60X) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60Y) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH
- (60Z) 3-INCH ASPHALT SURFACE OVER CONCRETE SIDEWALKS 5-INCH

CHANGES TO PAV1, PAV3 AND PAV4 APPLY TO ALL PLAN DETAIL SHEETS

BEGIN PROJECT STA. 8+26.41
 Y = 164, 749.93
 X = 804, 309.01

CTH KR

WETLAND	TYPE	IMPACT AREA (SF)
1	WET DITCH	1,969
2	WET DITCH	1,168

SUPERELEVATION DATA

CURVE	STATION	LT LANE	RT LANE	REMARKS
1	11+87.80	-2.000	-2.000	END NORMAL CROWN
	11+96.80	0.000	-2.000	LEVEL CROWN
	11+19.80	0.670	-2.000	REVERSE CROWN
	11+10.80	1.000	-2.000	BEGIN FULL SUPER
1	9+03.35	1.000	-2.000	END FULL SUPER
	8+94.41	0.670	-2.000	REVERSE CROWN
	8+77.41	0.000	-2.000	LEVEL CROWN
1	8+26.41	-2.000	-2.000	BEGIN NORMAL CROWN

PROJECT NO: 2818-00-73 COUNTY: RACINE PLAN DETAIL SHEET 14

FILE NAME: X:\NUT\23107\0550\00\TRANS\PORTATION\WISDOT\CADD\2818-00-73\0550-00-14.DWG

DATE: 3/6/2018 12:37 PM PLOT DATE: 11/26/18

DESIGNER: DANIEL R DEJONGE KELLY A DEJONGE 10635 PRAIRIE VIEW S DR

CLIENT: BORZYSKI BROTHERS PROPERTIES HWY KR

CONSTRUCTION NOTES:

- SUPERELEVATION TRANSITION POINTS PROVIDED IN PLANS ARE BASED ON THEORETICAL VALUES. CONTRACTOR TO CONFIRM EXISTING SUPERELEVATION TRANSITION RATES PRIOR TO PERFORMING MILLING OPERATIONS. A VARIABLE MILL MAY BE REQUIRED TO PROVIDE THE VALUES SHOWN. FINAL SUPERELEVATION TRANSITIONS SHALL BE COORDINATED AND APPROVED BY ENGINEER BASED ON FIELD CONDITIONS ENCOUNTERED.
- THE ROADWAY REFERENCE LINE IDENTIFIED IN THE PLANS WAS DEVELOPED OFF OF AERIAL IMAGERY AND DOES NOT MATCH THE CENTER OF THE PAVEMENT AT ALL LOCATIONS WITHIN THE PROJECT LIMITS. THE PROPOSED ROADWAY CROWN POINT AND LANE LINES SHOULD MATCH EXISTING CONDITIONS AND GENERALLY SPIT THE EXISTING PAVEMENT WIDTH.
- CURB AND GUTTER TO BE REPLACED AT BUTT JOINTS FOR URBAN DRIVEWAYS AND SIDE STREETS. CONTRACTOR SHALL COORDINATE WITH ENGINEER TO EXTEND CURB REPLACEMENTS AS REQUIRED TO ENSURE POSITIVE DRAINAGE FOR ALL NEW CURB & GUTTER AND PAVEMENT.

Addendum No. 01
 ID 2818-00-73
 Revised Sheet 14
 March 9, 2018



LEGEND

- 3-INCH ASPHALT SURFACE MILL
- 6 1/2-INCH ASPHALT SURFACE
- 8 1/2-INCH HMA PAVEMENT OVER EXISTING BASE COURSE
- 6-INCH ASPHALT SURFACE MILL
- 8-INCH ASPHALT SURFACE
- 8-INCH ASPHALTIC SURFACE OVER 12-INCHES AGGREGATE BASE 1/2-INCH CONCRETE SIDEWALKS 5-INCH VARIES 2 TO 8 INCH BASE AGGREGATE DRUSE 1/2-INCH
- CONCRETE CURB & GUTTER 30" TYPE D
- CONCRETE CURB & GUTTER 30" HIGH EARLY STRENGTH
- CONCRETE CURB & GUTTER 6-INCH SLOPED 36" TYPED
- BUTT JOINT
- 3 1/2-INCH ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- XXXX - SAWING ASPHALT

BEGIN CONSTRUCTION STA. 295+46.12

294+00

295+00

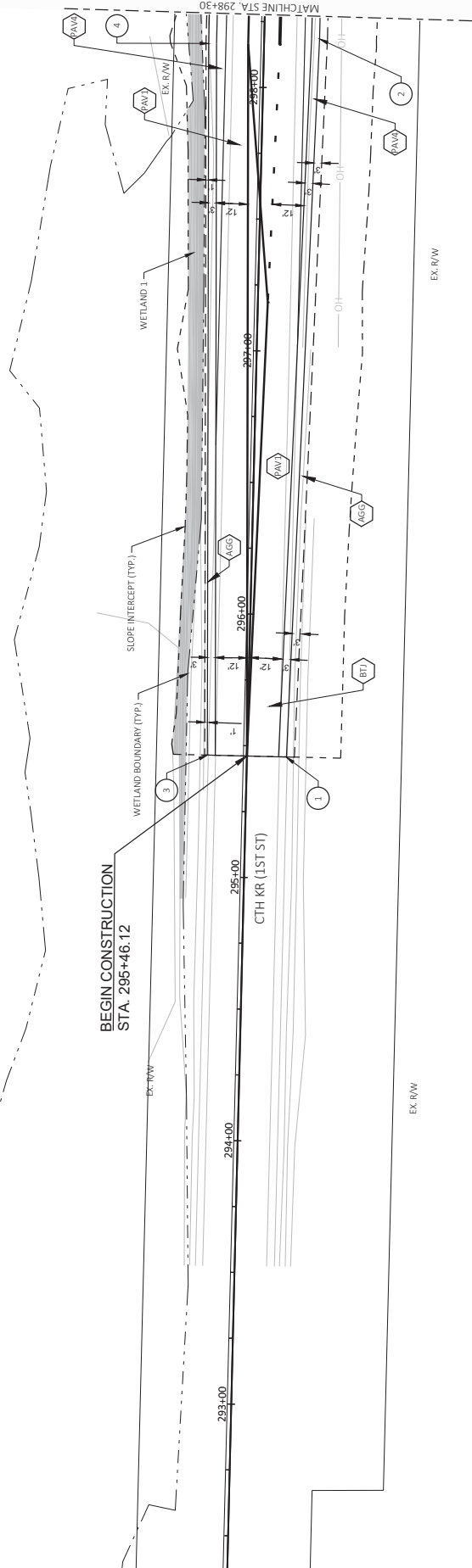
296+00

297+00

298+00

299+00

MATCHLINE STA. 298+30

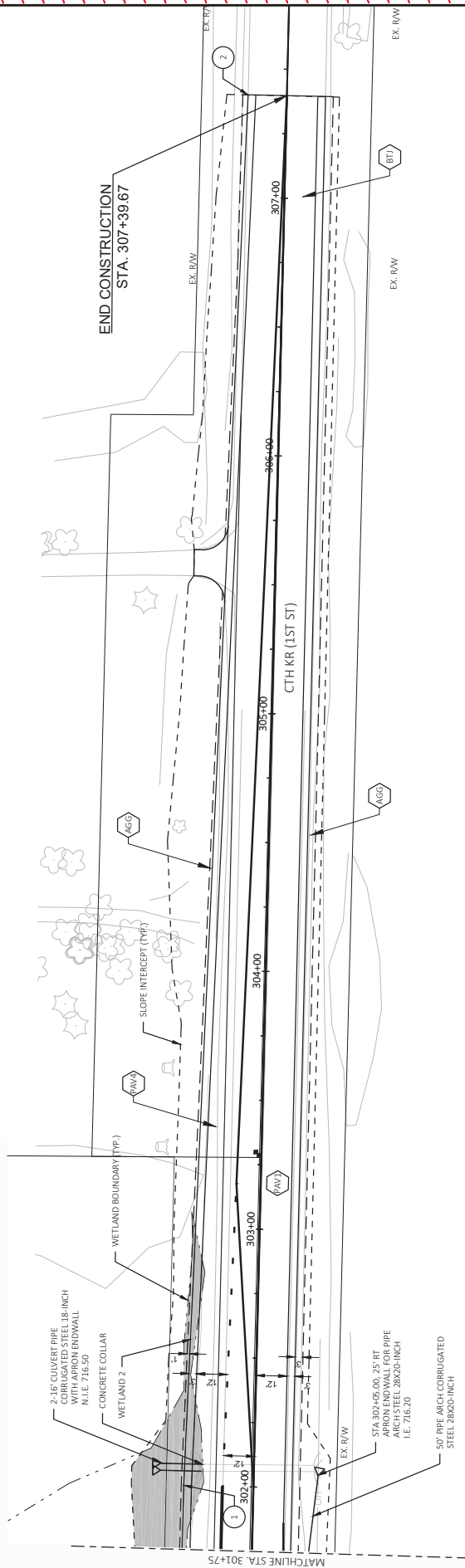


Addendum No. 01
 ID 2818-00-73
 Added Sheet 14A
 March 9, 2018

POINT NUMBER	STATION	OFFSET	DESCRIPTION
1	295+46.12	15' RT	BEGIN TAPER
2	298+18.94	21' RT	END TAPER
3	295+46.12	15' LT	BEGIN TAPER
4	298+16.19	21' LT	END TAPER

LEGEND

- (PAV1) 3-INCH ASPHALT SURFACE MILL
- (PAV2) 6-INCH ASPHALTIC SURFACE
- (PAV3) 8-INCH HMA PAVEMENT OVER EXISTING BASE COURSE
- (PAV4) 6-INCH ASPHALT SURFACE MILL
- (PAV5) 8-INCH ASPHALTIC SURFACE
- (PAV6) 8-INCH ASPHALTIC SURFACE OVER 12-INCHES AGGREGATE BASE 1/4-INCH CONCRETE SIDEWALKS 5-INCH
- (SW) VARIES 2 TO 8 INCH BASE AGGREGATE DRISE 1/4-INCH
- (AGG) CONCRETE CURB & GUTTER 30" TYPE D
- (3H) CONCRETE CURB & GUTTER 30" HIGH EARLY STRENGTH
- (3D) CONCRETE CURB & GUTTER 6-INCH SLOPED 35" TYPE D
- (BT) BUTT JOINT
- (AS) 3 1/4-INCH ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- XXX SAWING ASPHALT



Addendum No. 01
 ID 2818-00-73
 Added Sheet 14B
 March 9, 2018

POINT NUMBER	STATION	OFFSET	DESCRIPTION
1	302+00.00	27' LT	END TAPER
2	307+39.67	15' LT	BEGIN TAPER

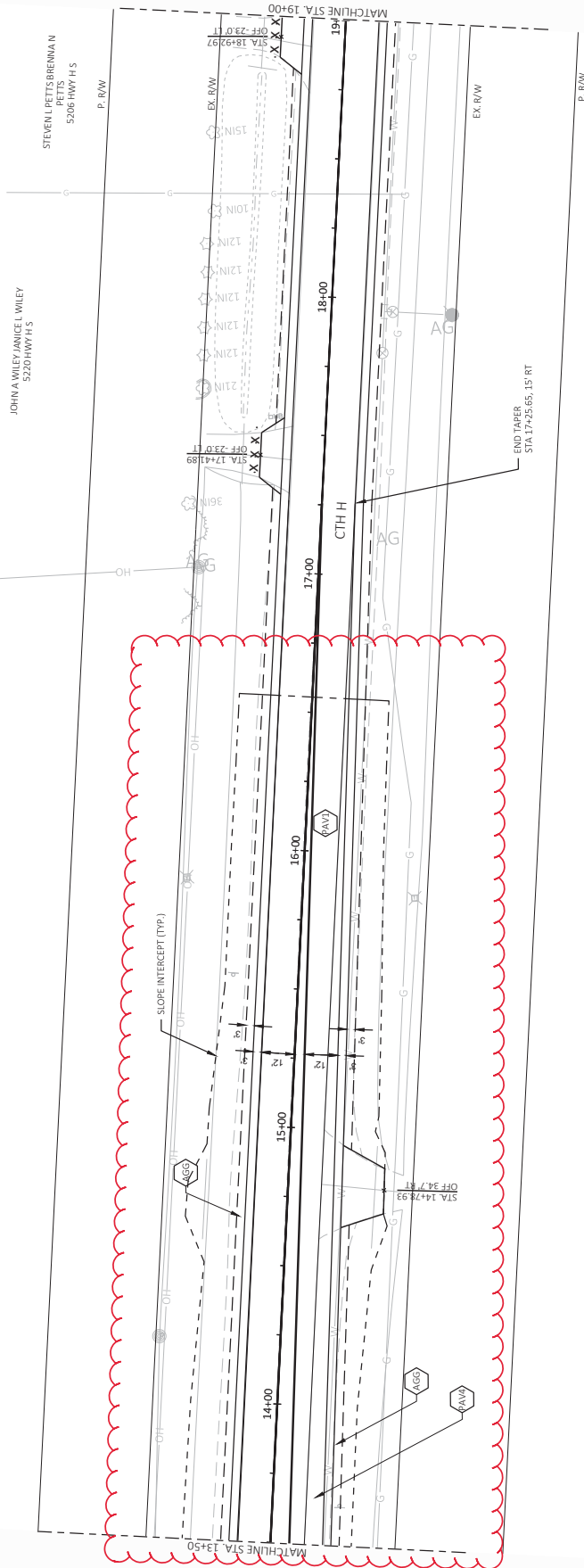


Addendum No. 01
ID 2818-00-73
Revised Sheet 15
March 9, 2018

LEGEND

- 3-INCH ASPHALT SURFACE MILL
- 6 1/2-INCH ASPHALT SURFACE
- 8 1/2-INCH HMA PAVEMENT OVER EXISTING BASE COURSE
- 6-INCH ASPHALT SURFACE MILL
- 8-INCH ASPHALT SURFACE
- 8-INCH ASPHALT SURFACE OVER 12-INCH AGGREGATE BASE
- CONCRETE SIDEWALKS
- CONCRETE DRIVEWAYS AND FIELD ENTRANCES
- 3 1/2-INCH ASPHALT SURFACE
- SAWING ASPHALT

DANIEL R. DEJONGE KELLY A. DEJONGE
10835 PIMMIE VIEW S DR



PROJECT NO: 2818-00-73

HWY: CTH H

COUNTY: RACINE

PLAN DETAIL

SHEET 15 E

FILE NAME: X:\MIDWEST\2017\0550\04\TRANSPORTATION\DWG\SHEETS\PLAN\021205_170.DWG
LANDMARK: 021205_14

PLOT DATE: 3/9/2018 12:37 PM

PLOT BY: ROGHAN, DOUG

PLOT SCALE: 1 IN=40 FT

WISDOT/CADD SHEET 42

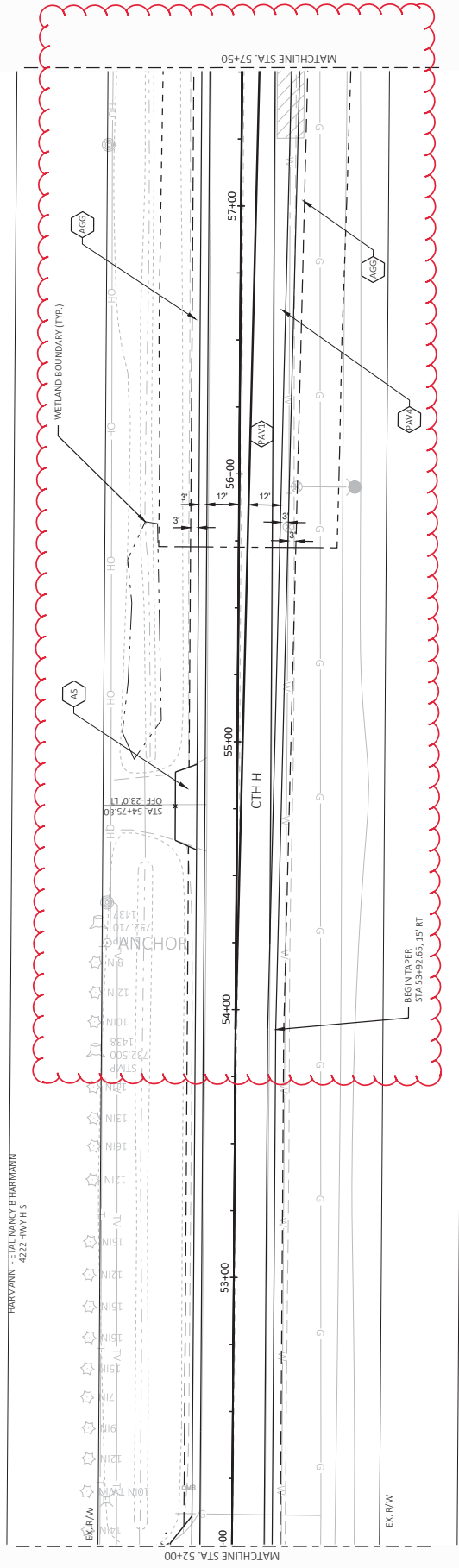
LEGEND

(PAV1)	3-INCH ASPHALT SURFACE MILL	(30D)	CONCRETE CURB & GUTTER 30" TYPE D
(PAV2)	8-INCH ASPHALTIC SURFACE	(30H)	CONCRETE CURB & GUTTER 30" HIGH EARLY STRENGTH EXISTING BASE COURSE
(PAV3)	6-INCH ASPHALT SURFACE MILL	(6D)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36" TYPE D
(PAV4)	8-INCH ASPHALTIC SURFACE OVER 12-INCHES AGGREGATE BASE 1 1/2-INCH CONCRETE SIDEWALK 5-INCH	(BT)	BUTT JOINT
(SW)	5-INCH BASE AGGREGATE DENSE 1/2-INCH	(AS)	3 1/2-INCH ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
(AGG)		X X X	SAWMING ASPHALT

Addendum No. 01
ID 2818-00-73
Revised Sheet 22
March 9, 2018

HAIRMANN - ETAL NANCY B HAIRMANN
 4222 HWY H S

THOMAS E RIEDEL BARBARA J RIEDEL
 4222 HWY H S



THOMAS M GLEES
 4227 HWY H

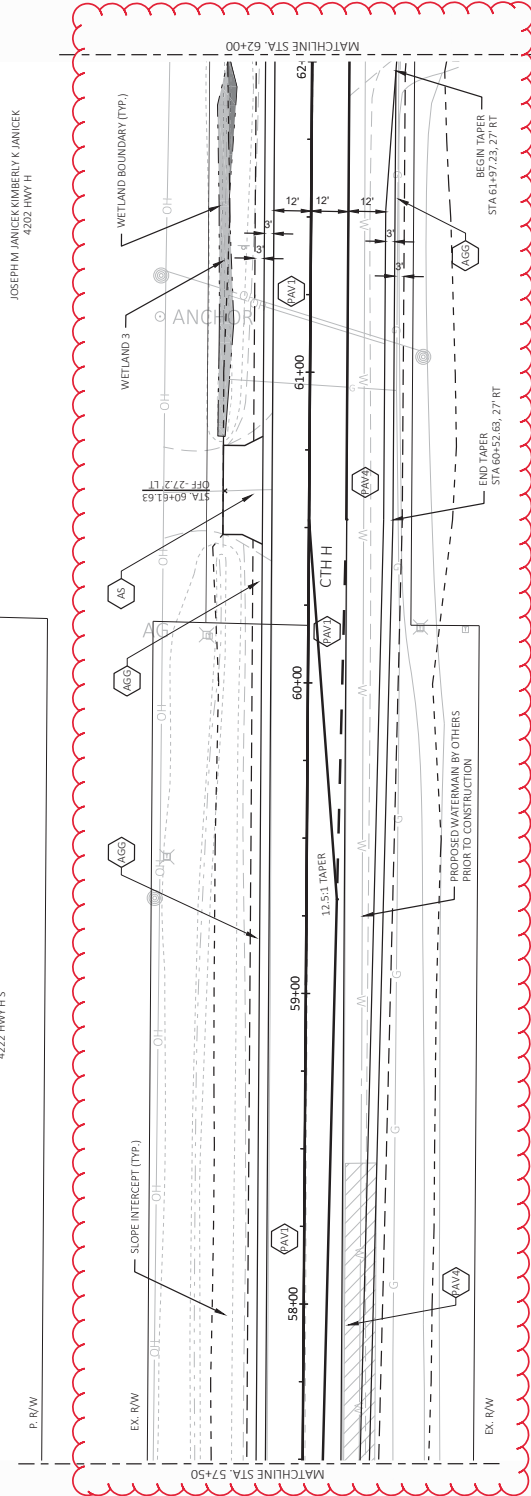


Addendum No. 01
ID 2818-00-73
Revised Sheet 23
March 9, 2018

LEGEND

- 3-INCH ASPHALT SURFACE MILL
- 6 1/4-INCH ASPHALT SURFACE
- 8 1/4-INCH HMA PAVEMENT OVER EXISTING BASE COURSE
- 6-INCH ASPHALT SURFACE MILL
- 8-INCH ASPHALT SURFACE
- 8-INCH ASPHALT SURFACE OVER 22-INCHES AGGREGATE BASE
- CONCRETE SIDEWALKS
- 5-INCH BASE AGGREGATE DENSE
- CONCRETE CURB & GUTTER 30" TYPE D
- CONCRETE CURB & GUTTER 30" HIGH EARLY STRENGTH
- CONCRETE CURB & GUTTER 6-INCH SLOPED 36" TYPE D
- BUTT JOINT
- 3 1/4-INCH ASPHALT SURFACE DRIVEWAYS AND FIELD ENTRANCES
- CONCRETE SIDEWALKS 5-INCH
- 5-INCH BASE AGGREGATE DENSE 1/2-INCH

THOMAS E RIEDEL BARBARA J RIEDEL
4222 HWY H S



LEGEND

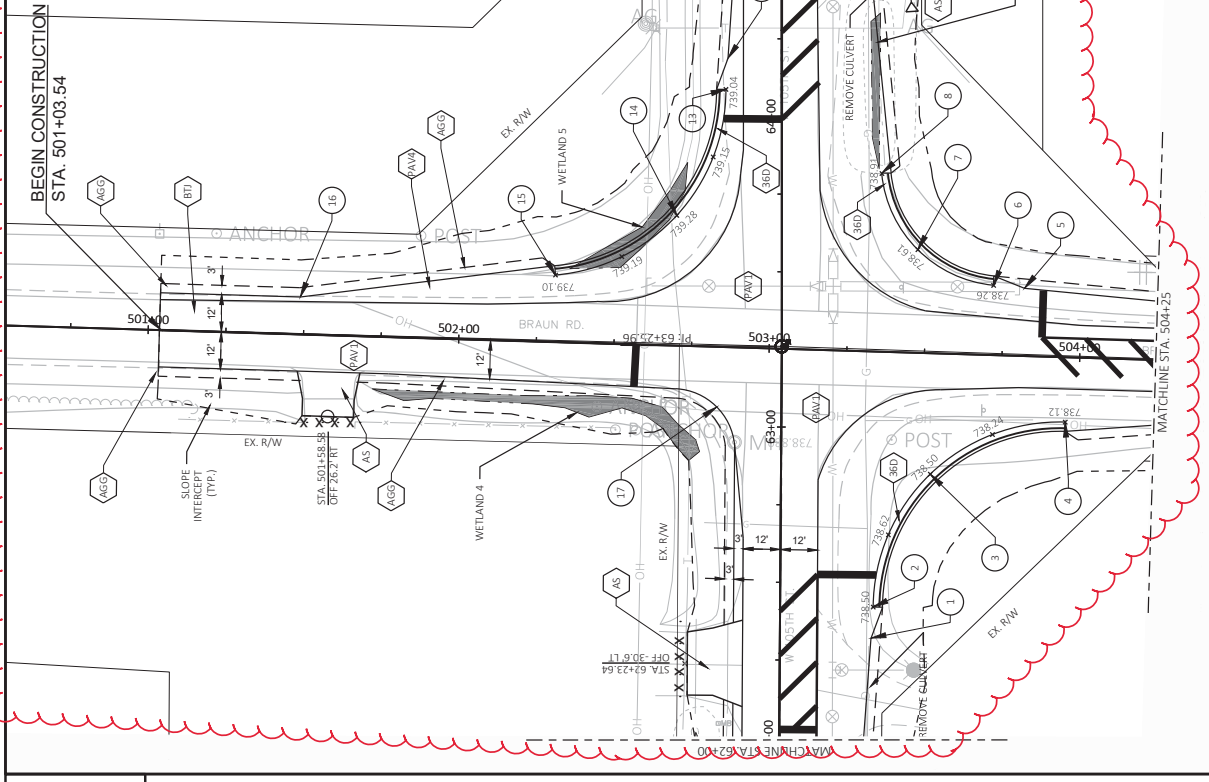
(6A1)	3-INCH ASPHALT SURFACE MILL EXISTING BASE COURSE	(6D)	CONCRETE CURB & GUTTER 30" TYPE D
(6A2)	8-INCH HMA PAVEMENT OVER EXISTING BASE COURSE	(6H)	CONCRETE CURB & GUTTER 30" HIGH EARLY STRENGTH
(6A3)	6-INCH ASPHALT SURFACE MILL	(6D)	CONCRETE CURB & GUTTER 6-INCH SLOPED 30" TYPE D
(6A4)	8-INCH ASPHALT SURFACE OVER 12-INCHES AGGREGATE BASE 1/2-INCH	(6I)	BUTT JOINT
(6A5)	CONCRETE SIDEWALKS 5-INCH	(6S)	3 1/2-INCH ASPHALT SURFACE DRIVEWAYS AND FIELD ENTRANCES
(6A6)	5-INCH BASE AGGREGATE DENSE 1/2-INCH	(XXX)	SAWING ASPHALT



POINT NUMBER	STATION	OFFSET	DESCRIPTION
1	62+32.26	29' RT	END TAPER
2	62+42.26	30' RT	BEGIN 60' RADIUS
3	62+41.91	60.5' RT	60' RADIUS
4	50+95.97	23' RT	END 60' RADIUS
5	50+91.58	22' LT	END TAPER
6	50+91.58	23' LT	BEGIN 60' RADIUS
7	63+85.69	22' RT	60' RADIUS
8	63+81.77	33' RT	END 60' RADIUS
9	66+63.67	27' RT	END TAPER
10	65+99.03	27' RT	BEGIN TAPER
11	64+53.71	16' LT	END TAPER
12	64+18.71	17' LT	END TAPER
13	64+08.71	18' LT	BEGIN 60' RADIUS
14	64+08.61	18' LT	60' RADIUS
15	50+29.54	22' LT	END 60' RADIUS
16	50+148.61	12' LT	BEGIN TAPER
17	62+91.96	35' LT	60' RADIUS

DOUG R EUNK
4124 HWY H

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ID 2818-00-73
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March 9, 2018



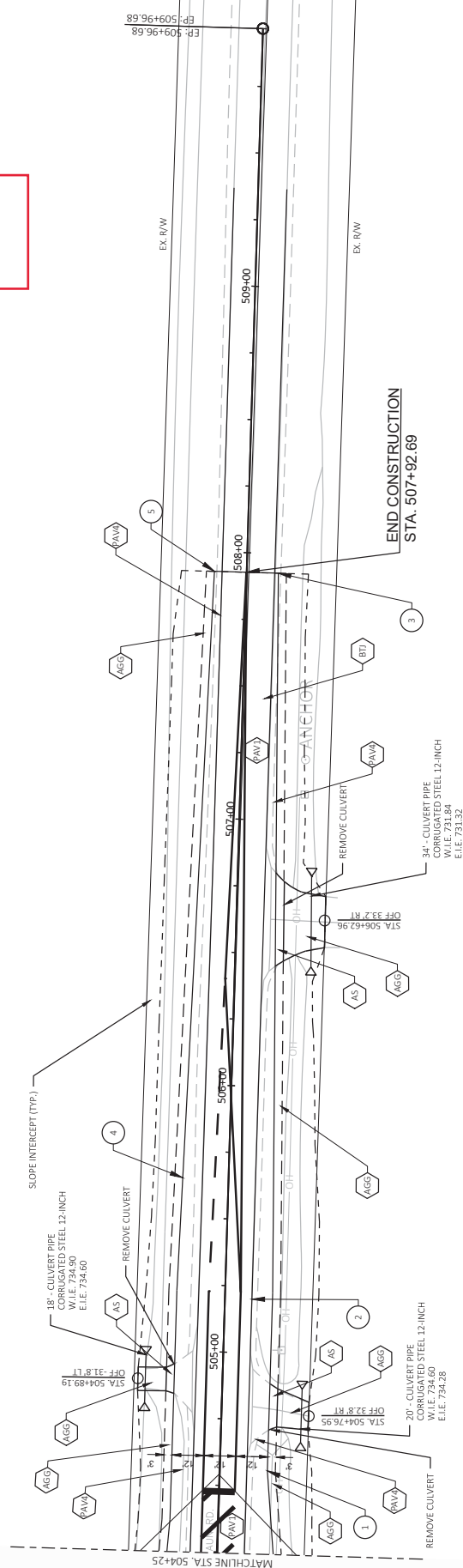
PROJECT NO: 2818-00-73 COUNTY: RACINE HWY: CTH H	PLAN DETAIL MURPHY, TIER 3/9/2018 11:67 AM PLOT NAME:	SHEET 24 E WSDOT/CADD/SHEET 42
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Addendum No. 01
 ID 2818-00-73
 Added Sheet 24A
 March 9, 2018

LEGEND

- 3-INCH ASPHALT SURFACE MILL
- 6-INCH ASPHALT SURFACE
- 8-INCH HMA PAVEMENT OVER EXISTING BASE COURSE
- 6-INCH ASPHALT SURFACE MILL
- 8-INCH ASPHALT SURFACE
- 8-INCH ASPHALTIC SURFACE OVER 22-INCHES AGGREGATE BASE
- CONCRETE SIDEWALKS
- 5-INCH BASE AGGREGATE DENSE
- CONCRETE CURB & GUTTER 30" TYPE D
- CONCRETE CURB & GUTTER 30" HIGH EARLY STRENGTH
- CONCRETE CURB & GUTTER 6-INCH SLOPED 36" TYPE D
- BUTT JOINT
- 3-INCH ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- X X X . SAWING ASPHALT



POINT NUMBER	STATION	OFFSET	DESCRIPTION
1	504+55.97	18' RT	END TAPER
2	505+20.15	10' RT	BEGIN TAPER
3	507+92.68	12' LT	END TAPER
4	505+22.68	18' LT	BEGIN TAPER
5	507+92.68	12' LT	END TAPER

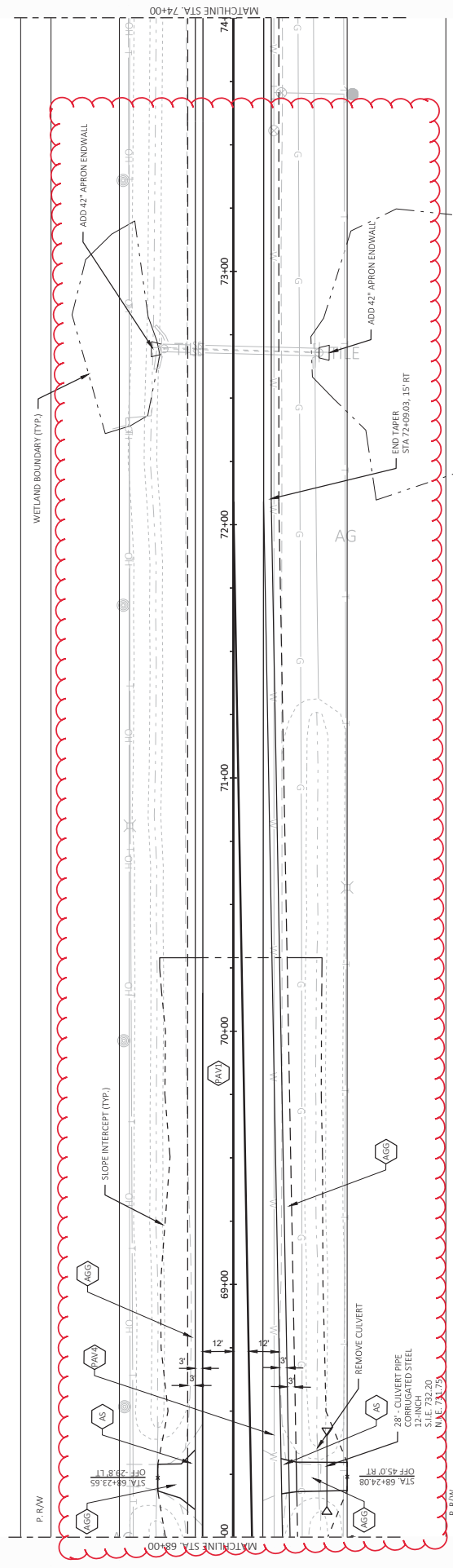


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 March 9, 2018

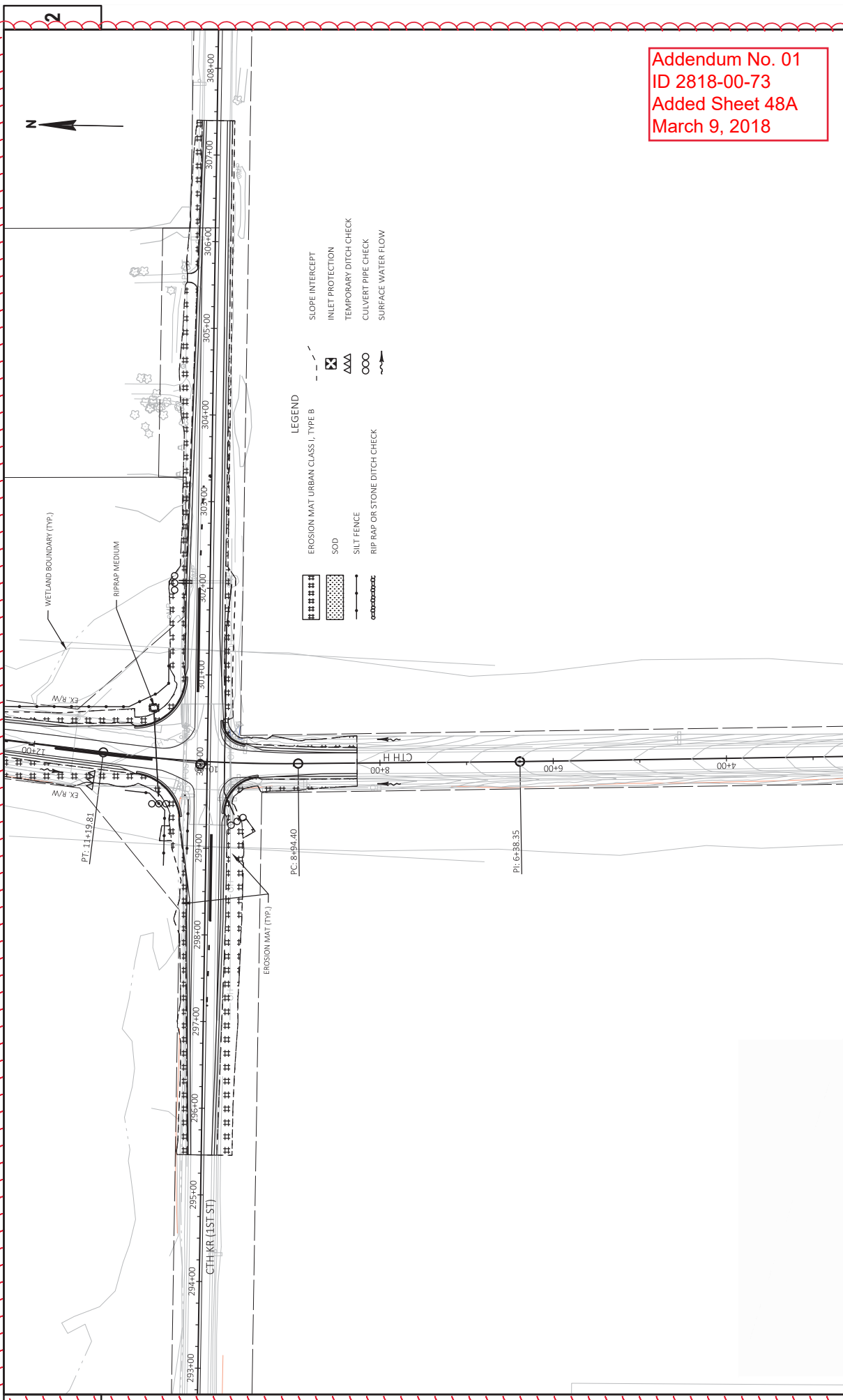
LEGEND

- 3-INCH ASPHALT SURFACE MILL
- 6-INCH ASPHALT SURFACE
- 8-INCH HMA PAVEMENT OVER EXISTING BASE COURSE
- 6-INCH ASPHALT SURFACE MILL
- 8-INCH ASPHALT SURFACE
- 8-INCH ASPHALT SURFACE OVER 22-INCHES AGGREGATE BASE
- CONCRETE SIDEWALKS
- 5-INCH BASE AGGREGATE
- CONCRETE CURB & GUTTER 30" TYPE D
- CONCRETE CURB & GUTTER 30" HIGH EARLY STRENGTH
- CONCRETE CURB & GUTTER 6-INCH SLOPED 35" TYPE D
- BUTT JOINT
- 3 1/2-INCH ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- X X X . SAWING ASPHALT

DOUG RFLINK
 4124 HWY H



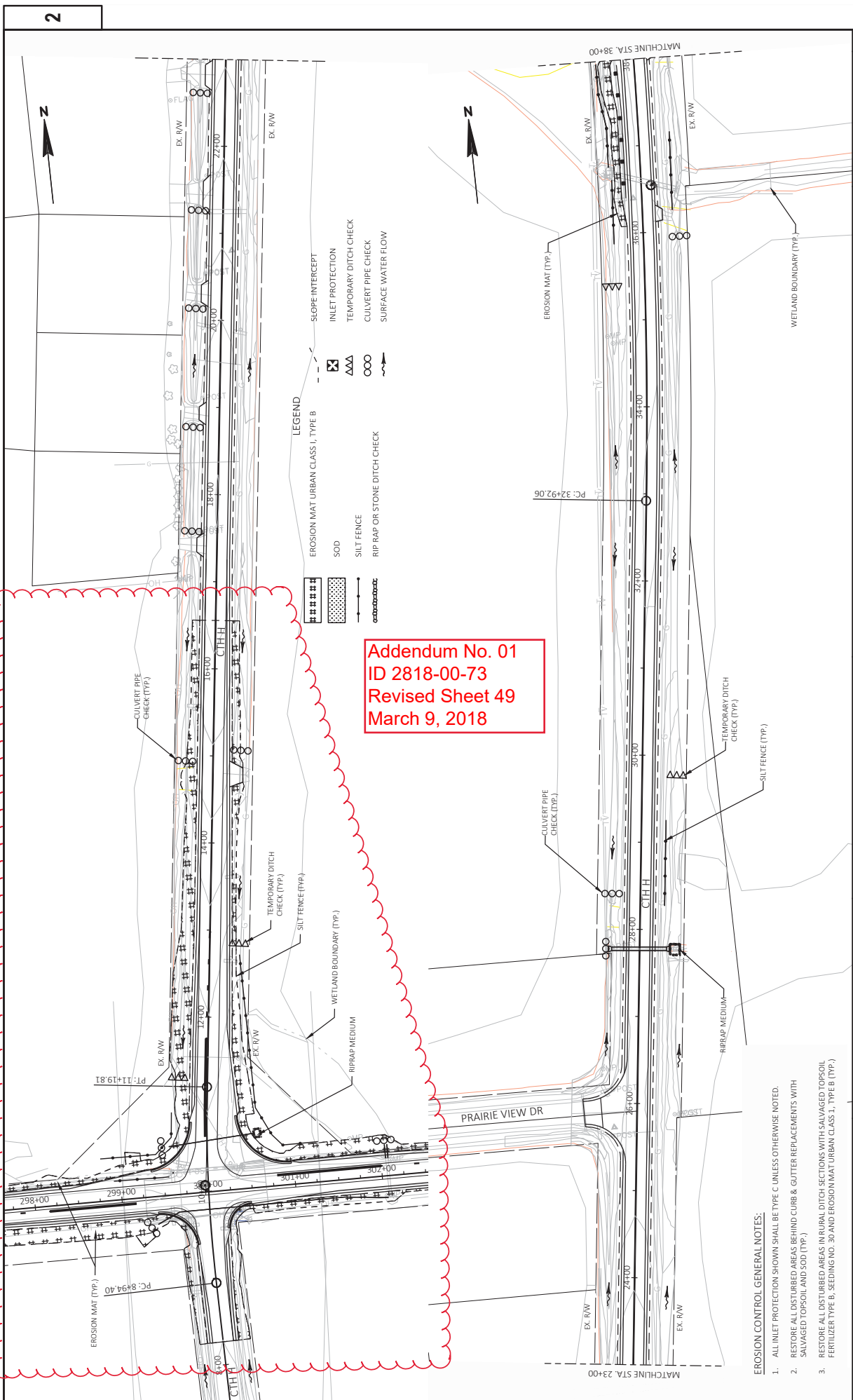
WILLIAM C DEXTER WILLIAM DEXTER J/4 INT
 4131 HWY H



Addendum No. 01
 ID 2818-00-73
 Added Sheet 48A
 March 9, 2018

2

2



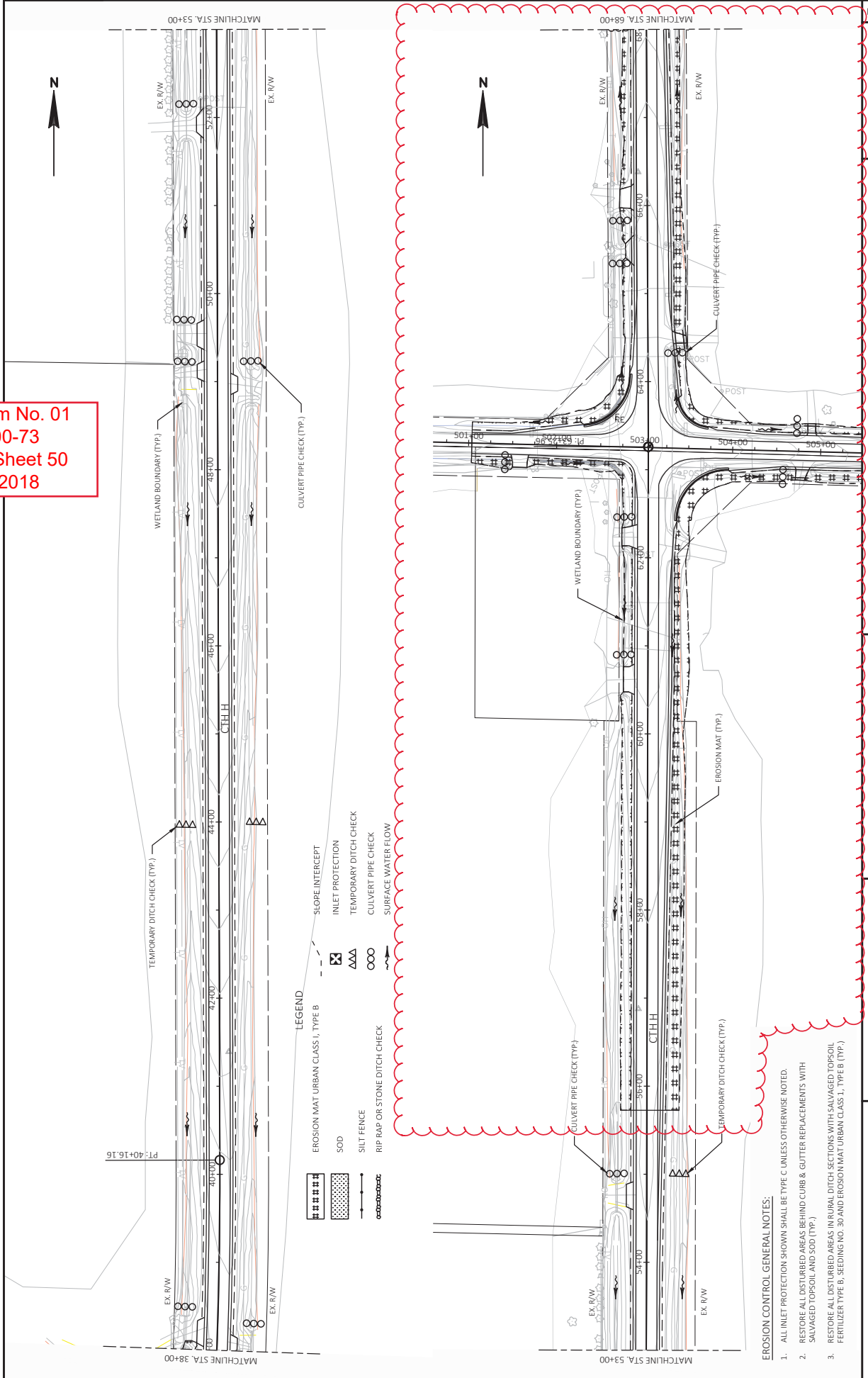
Addendum No. 01
 ID 2818-00-73
 Revised Sheet 49
 March 9, 2018

LEGEND

	EROSION MAT URBAN CLASS I, TYPE B
	SOD
	SILT FENCE
	RIP RAP OR STONE DITCH CHECK
	SLOPE INTERCEPT
	INLET PROTECTION
	TEMPORARY DITCH CHECK
	CULVERT PIPE CHECK
	SURFACE WATER FLOW

- EROSION CONTROL GENERAL NOTES:**
1. ALL INLET PROTECTION SHOWN SHALL BE TYPE C UNLESS OTHERWISE NOTED.
 2. RESTORE ALL DISTURBED AREAS BEHIND CURB & GUTTER REPLACEMENTS WITH SALVAGED TOPSOIL AND SOD (TYP.)
 3. RESTORE ALL DISTURBED AREAS IN RURAL DITCH SECTIONS WITH SALVAGED TOPSOIL FERTILIZER TYPE B, SEEDING NO. 30 AND EROSION MAT URBAN CLASS I, TYPE B (TYP.)

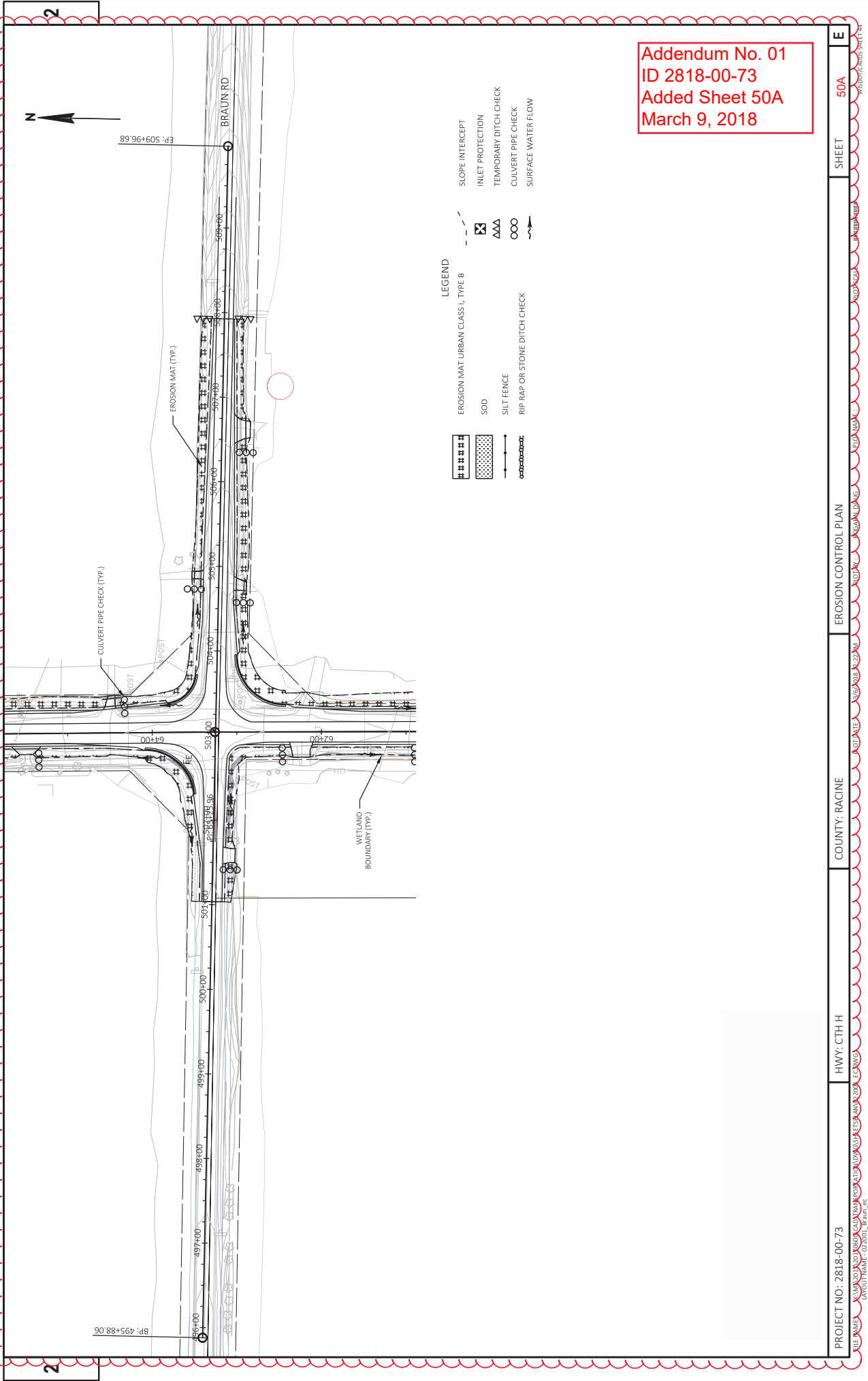
Addendum No. 01
 ID 2818-00-73
 Revised Sheet 50
 March 9, 2018



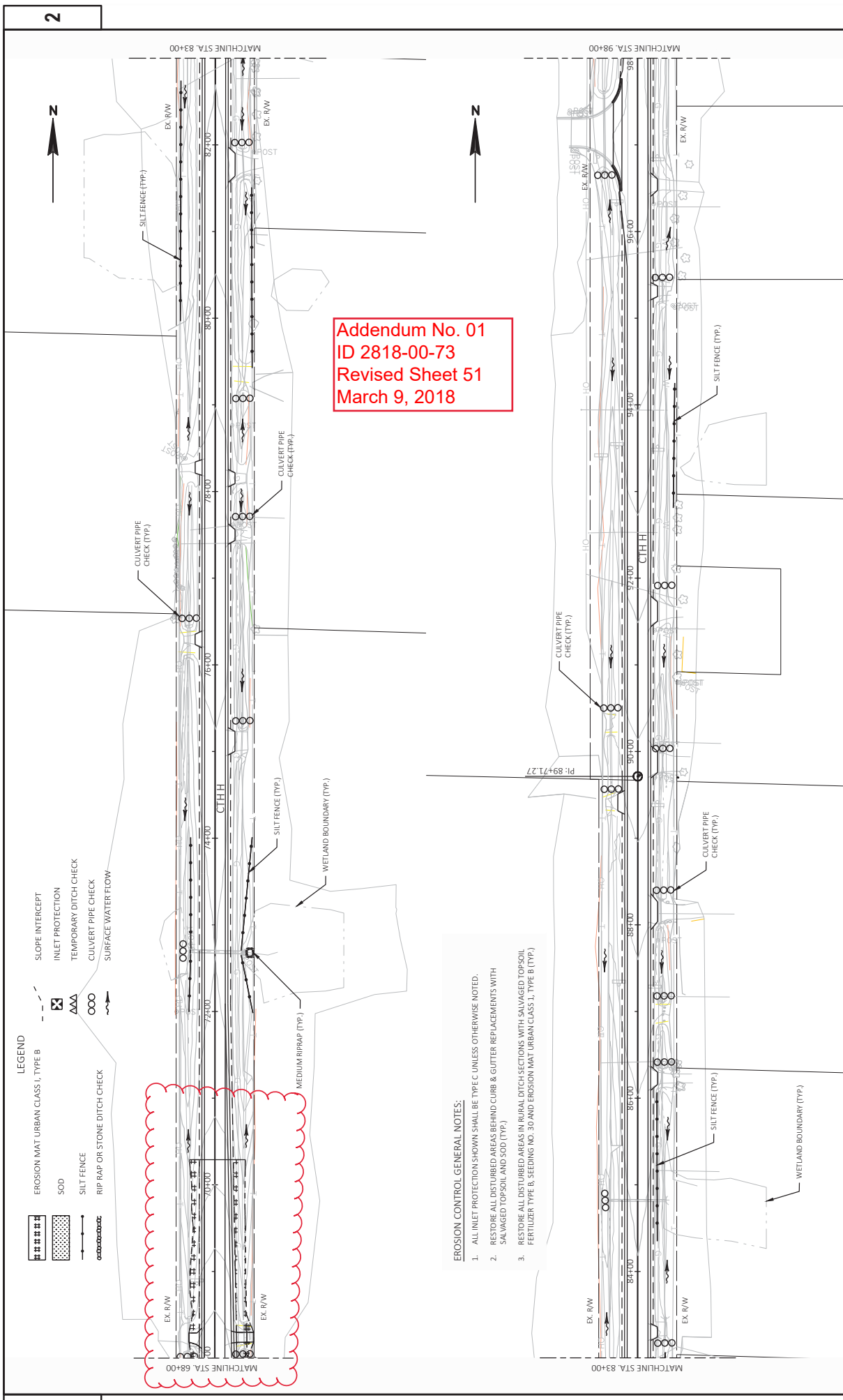
LEGEND

	EROSION MAT URBAN CLASS I, TYPE B		SLOPE INTERCEPT
	SOD		INLET PROTECTION
	SILT FENCE		TEMPORARY DITCH CHECK
	RIP RAP OR STONE DITCH CHECK		CULVERT PIPE CHECK
			SURFACE WATER FLOW

- EROSION CONTROL GENERAL NOTES:**
1. ALL INLET PROTECTION SHOWN SHALL BE TYPE C UNLESS OTHERWISE NOTED.
 2. RESTORE ALL DISTURBED AREAS BEHIND CURB & GUTTER REPLACEMENTS WITH SALVAGED TOPSOIL AND SOD (TYP.)
 3. RESTORE ALL DISTURBED AREAS IN RURAL DITCH SECTIONS WITH SALVAGED TOPSOIL FERTILIZER TYPE B, SEEDING NO. 30 AND EROSION MAT URBAN CLASS I, TYPE B (TYP.)



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 ID 2818-00-73
 Added Sheet 50A
 March 9, 2018

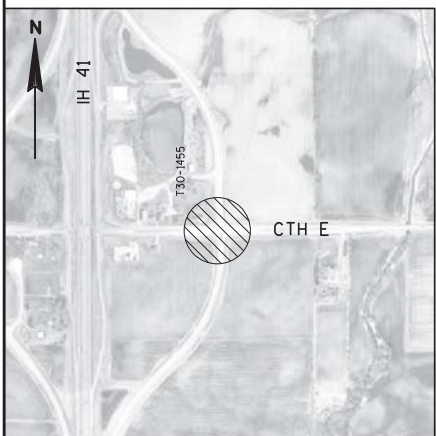


Addendum No. 01
 ID 2818-00-73
 Revised Sheet 51
 March 9, 2018

- EROSION CONTROL GENERAL NOTES:**
1. ALL INLET PROTECTION SHOWN SHALL BE TYPE C UNLESS OTHERWISE NOTED.
 2. RESTORE ALL DISTURBED AREAS BEHIND CURB & GUTTER REPLACEMENTS WITH SALVAGED TOPSOIL AND SOD (TYP.)
 3. RESTORE ALL DISTURBED AREAS IN RURAL DITCH SECTIONS WITH SALVAGED TOPSOIL FERTILIZER TYPE B, SEEDING NO. 30 AND EROSION MAT URBAN CLASS 1, TYPE B (TYP.)

- LEGEND**
- EROSION MAT URBAN CLASS 1, TYPE B
 - SOD
 - SILT FENCE
 - RIP RAP OR STONE DITCH CHECK
 - SLOPE INTERCEPT
 - INLET PROTECTION
 - TEMPORARY DITCH CHECK
 - CULVERT PIPE CHECK
 - SURFACE WATER FLOW

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 March 9, 2018



- LEGEND**
- TRAFFIC SIGNAL
XXX-XXXX
 - 1 INSTALL TEMPORARY TRAFFIC SIGNAL
 - 2 REMOVE TEMPORARY TRAFFIC SIGNAL UPON PROJECT COMPLETION
 - 3 INSTALL STATE SUPPLIED EYP EQUIPMENT

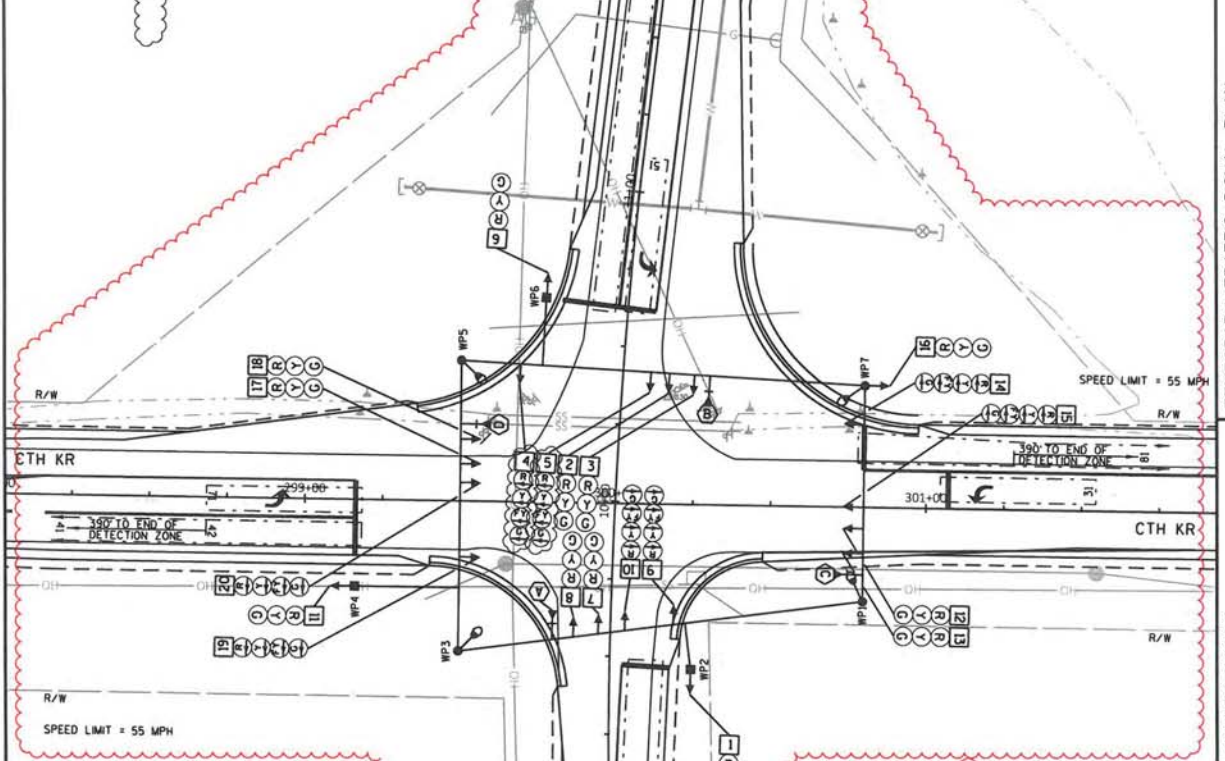


LEGEND (CONCL)

- NON-INTRUSIVE DETECTION AREA
- ⊗ EVP DESIGNATOR
- ⊖ EVP DETECTOR HEAD
- TEMPORARY LUMINAIRE LED CATEGORY C
- COVER AND DE-ENERGIZE TRAFFIC SIGNAL HEAD

NOTE: ALL LENSES ARE 12-INCH
GRAY SHADE REPRESENTS EXISTING

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Revised Sheet 57
March 9, 2018



LEGEND

- ← SIGNAL HEAD, OVERHEAD MOUNT
- CLASS 4 WOOD POLE
- WOOD POST
- CABLE - OVERHEAD
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW

CONSTRUCTION NOTES

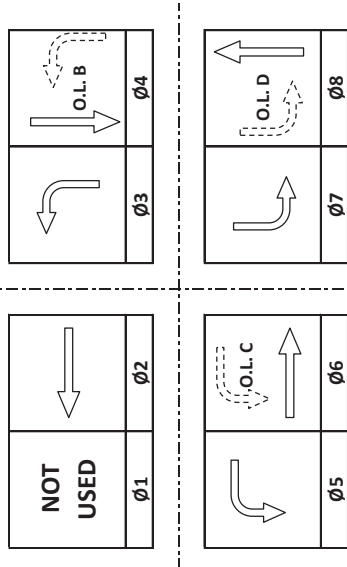
1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINETS, & HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. DETECTION AREAS ARE APPROXIMATE. ZONES SHALL BE ADJUSTED BY THE CONTRACTOR TO MATCH FIELD CONDITIONS.
4. WISDOT ELECTRICAL (414 266-1170) SHALL BE NOTIFIED 5 WORKING DAYS BEFORE TEMPORARY TRAFFIC SIGNAL TURN ON.
5. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
6. ADJUST TEMPORARY SIGNALS AS DIRECTED BY THE ENGINEER TO MAINTAIN MAJCD TRAFFIC SIGNAL REQUIREMENTS.
7. INSTALL TETHER WIRE A MINIMUM OF 20' ABOVE ROADWAY.

TRAFFIC CONTROL SIGNAL
 CTH H (88TH AVENUE/HERZOG ROAD) &
 CTH KR (1ST STREET)
 TOWN OF SOMERS/
 VILLAGE OF MOUNT PLEASANT
 KENOSHA/RACINE COUNTY

SIGNAL NO. T30-1453
 REGION CONTACT: STEPHANIE SHARD
 DESIGNED BY: MIB
 REVISED BY:

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL	DETECTOR OPERATION			PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
		CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY							
21		X			2						
22		X			2		X				
31		X			3		X				
41		X		X	4			X			
42		X			4		X				
51		X			5		X				
61		X			6		X				
62		X			6		X				
71		X			7		X				
81		X		X	8			X			
82		X			8		X				



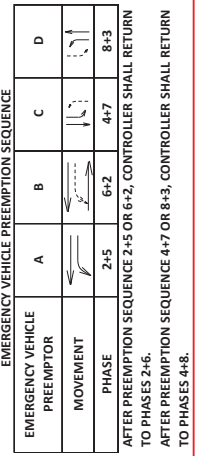
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ID 2818-00-73
Revised Sheet 58
March 9, 2018

CTH H & CTH KR
VILLAGE OF SOMERS/MOUNT PLEASANT
KENOSHA/RACINE COUNTY
SIGNAL NO.: TB6-1453
CABINET TYPE: TEMP.
CONTROLLER TYPE: ECONOLITE
DATE: 02/2018
PAGE NO. 2 OF 2

SHEET NO: 58

TYPE OF PRE-EMPT

NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	



TYPE OF INTERCONNECT/COMMUNICATION

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

TYPE OF COORDINATION

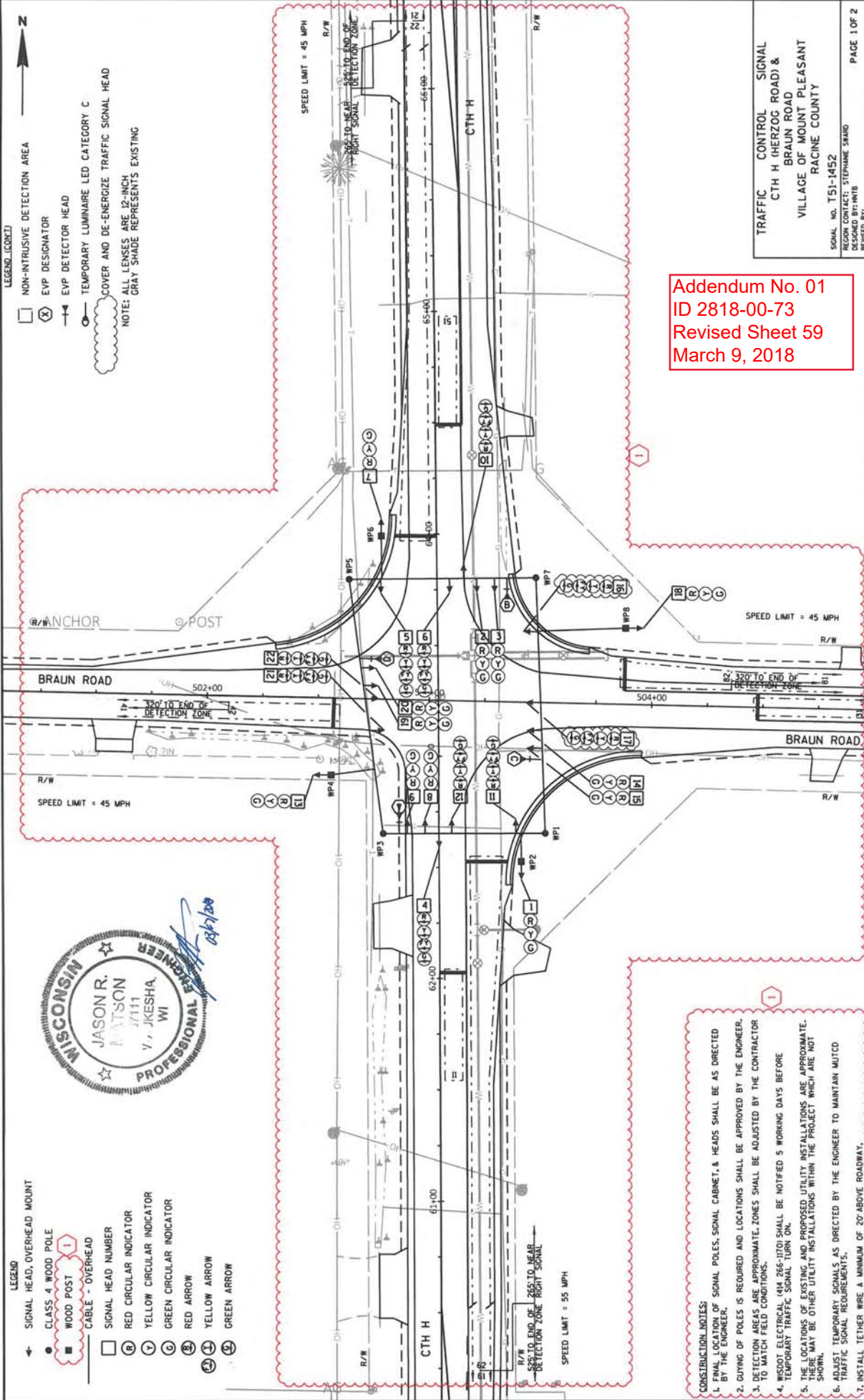
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER	
CONTROLLER NO.:	S-
SIGNAL SYSTEM NO.:	SS-

TYPE OF LIGHTING

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

CONTROLLER LOGIC

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



- LEGEND**
- ← SIGNAL HEAD, OVERHEAD MOUNT
 - CLASS 4 WOOD POLE
 - WOOD POST
 - CABLE - OVERHEAD
 - SIGNAL HEAD NUMBER
 - RED CIRCULAR INDICATOR
 - YELLOW CIRCULAR INDICATOR
 - GREEN CIRCULAR INDICATOR
 - RED ARROW
 - YELLOW ARROW
 - GREEN ARROW

- LEGEND (CONT.)**
- NON-INTRUSIVE DETECTION AREA
 - ⊗ EVF DESIGNATOR
 - ⊖ EVF DETECTOR HEAD
 - ⊕ TEMPORARY LUMINAIRE LED CATEGORY C
 - ⊖ COVER AND DE-ENERGIZE TRAFFIC SIGNAL HEAD
- NOTE: ALL LENSES ARE 12-INCH
GRAY SHADE REPRESENTS EXISTING



Addendum No. 01
ID 2818-00-73
Revised Sheet 59
March 9, 2018

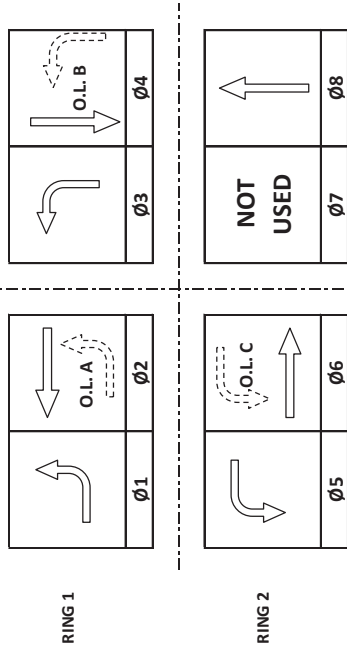
- CONSTRUCTION NOTES:**
1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINETS, & HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
 2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
 3. DETECTION AREAS ARE APPROXIMATE. ZONES SHALL BE ADJUSTED BY THE CONTRACTOR TO MATCH FIELD CONDITIONS.
 4. WISDOT ELECTRICAL (414 266-1170) SHALL BE NOTIFIED 5 WORKING DAYS BEFORE TEMPORARY TRAFFIC SIGNAL TURN ON.
 5. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
 6. ADJUST TEMPORARY SIGNALS AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTED TRAFFIC SIGNAL REQUIREMENTS.
 7. INSTALL TETHER WIRE A MINIMUM OF 20' ABOVE ROADWAY.

TRAFFIC CONTROL SIGNAL
 CTH H (HERZOG ROAD) &
 BRAUN ROAD
 VILLAGE OF MOUNT PLEASANT
 RACINE COUNTY

SIGNAL NO. T51-1452
 REGION CONTACT: STEPHANIE SWARD
 DESIGNED BY: INTB
 REVISED BY:

DETECTOR LOGIC

HEAD NUMBERS	F	L	A	S	H
Ø1	4,5,6	-	-	-	-
Ø2	7,8,9	R	-	-	-
Ø3	21,22	-	-	-	-
Ø4	13,14,15	R	-	-	-
Ø5	10,11,12	-	-	-	-
Ø6	1,2,3	R	-	-	-
Ø7	-	-	-	-	-
Ø8	18,19,20	R	-	-	-
Ø2P	-	-	-	-	-
Ø4P	-	-	-	-	-
Ø8P	-	-	-	-	-
Ø8P	-	-	-	-	-
OLA	4,5,6	R	-	-	-
OLB	21,22	R	-	-	-
OLC	10,11,12	R	-	-	-
OLD	-	-	-	-	-



Z

DETECTOR NUMBER	AMPLIFIER CHANNEL	DETECTOR OPERATION			PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
		CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY							
11		X			1			X			
21		X			2			X			
22		X			2			X			
31		X			3			X			
41		X		X	4			X			
42		X			4			X			
51		X			5			X			
61		X			6			X			
62		X			6			X			
81		X		X	8			X			
82		X			8			X			

Addendum No. 01
ID 2818-00-73
Revised Sheet 60
March 9, 2018

CTH H & BRAUN ROAD
VILLAGE OF MOUNT PLEASANT
RACINE COUNTY
SIGNAL NO.: T5L-1452
CABINET TYPE: TEMP.
CONTROLLER TYPE: ECONOLITE
DATE: 01/2018
PAGE NO. 2 OF 2

PROJECT NO: 2818-00-73
HWY: CTH H
COUNTY: RACINE
TEMPORARY SEQUENCE OF OPERATIONS
SHEET NO: 60
E

TYPE OF PRE-EMPT

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

TYPE OF INTERCONNECT/COMMUNICATION

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

TYPE OF COORDINATION

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

TYPE OF LIGHTING

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

CONTROLLER LOGIC

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+8	8+3

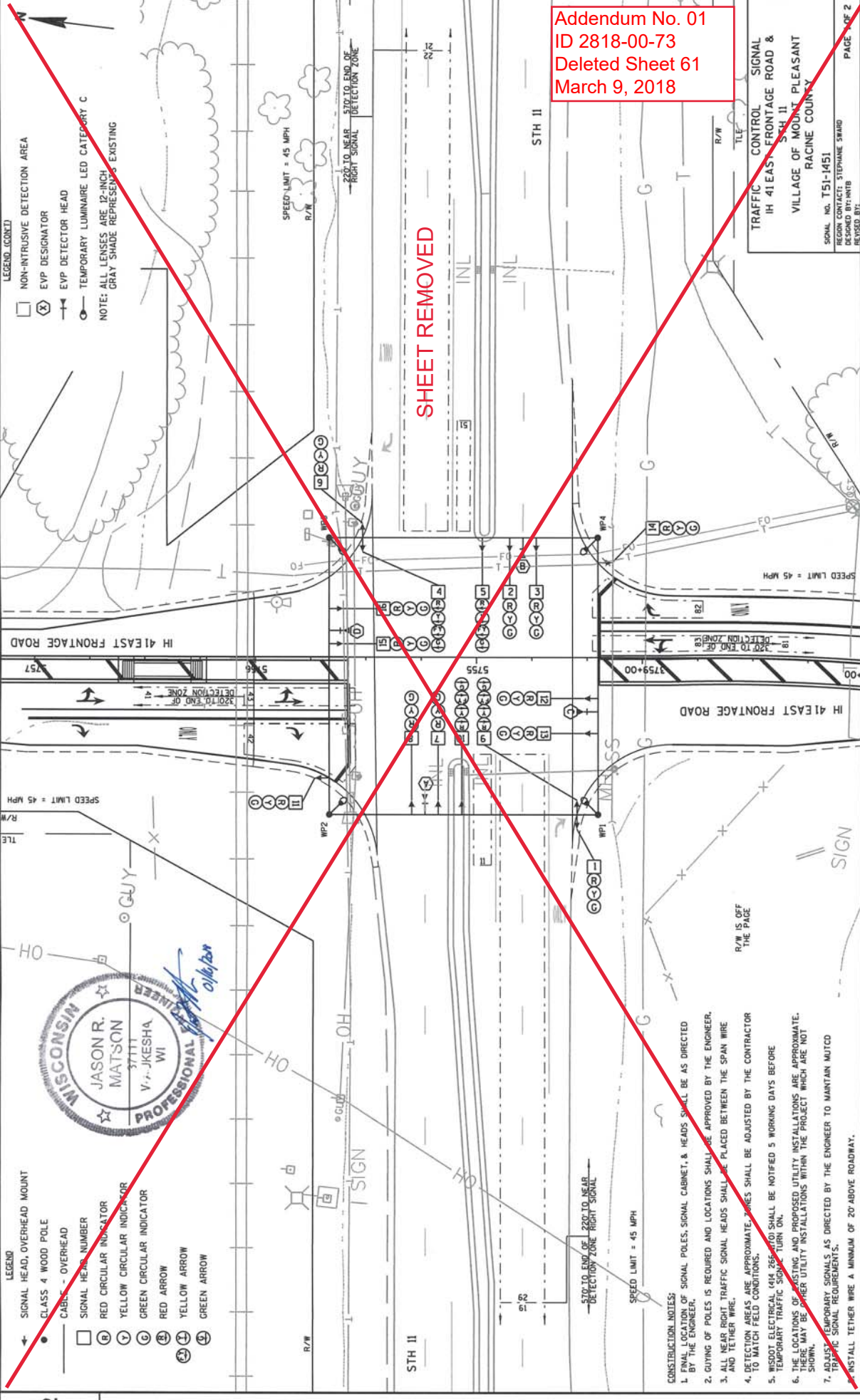
AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+8 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

PLOT SCALE: 1:1

PLOT NAME:

PLOT BY:

PLOT DATE:



LEGEND (CONT.)

- NON-INTRUSIVE DETECTION AREA
- ⊗ EYP DESIGNATOR
- ⊕ EYP DETECTOR HEAD
- TEMPORARY LUMINAIRE LED CATEGORY C

NOTE: ALL LENSES ARE 12-INCH GRAY SHADE REPRESENTING EXISTING

LEGEND

- ⊕ SIGNAL HEAD, OVERHEAD MOUNT
- ⊕ CLASS 4 WOOD POLE
- CABLE - OVERHEAD
- SIGNAL HEAD NUMBER
- ⊕ RED CIRCULAR INDICATOR
- ⊕ YELLOW CIRCULAR INDICATOR
- ⊕ GREEN CIRCULAR INDICATOR
- ⊕ RED ARROW
- ⊕ YELLOW ARROW
- ⊕ GREEN ARROW

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET, & HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. ALL NEAR RIGHT TRAFFIC SIGNAL HEADS SHALL BE PLACED BETWEEN THE SPAN WIRE AND TETHER WIRE.
4. DETECTION AREAS ARE APPROXIMATE. DIMES SHALL BE ADJUSTED BY THE CONTRACTOR TO MATCH FIELD CONDITIONS.
5. WISDOT ELECTRICAL (414 265-470) SHALL BE NOTIFIED 5 WORKING DAYS BEFORE TEMPORARY TRAFFIC SIGNAL TURN ON.
6. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
7. ADJUST TEMPORARY SIGNALS AS DIRECTED BY THE ENGINEER TO MAINTAIN MAJUC TRAFFIC SIGNAL REQUIREMENTS.
8. INSTALL TETHER WIRE A MINIMUM OF 20' ABOVE ROADWAY.

WISCONSIN PROFESSIONAL ENGINEER
 JASON R. MATSON
 37111
 V.P. J. KESHA
 WI
collyer

ADJUSTER TO END OF DETECTION ZONE - RIGHT SIGNAL
 SPEED LIMIT = 45 MPH
 R/W IS OFF THE PAGE

Addendum No. 01
 ID 2818-00-73
 Deleted Sheet 61
 March 9, 2018

TRAFFIC CONTROL SIGNAL
 IH 41 EAST FRONTAGE ROAD &
 STH II
 VILLAGE OF MOUNT PLEASANT
 RACINE COUNTY

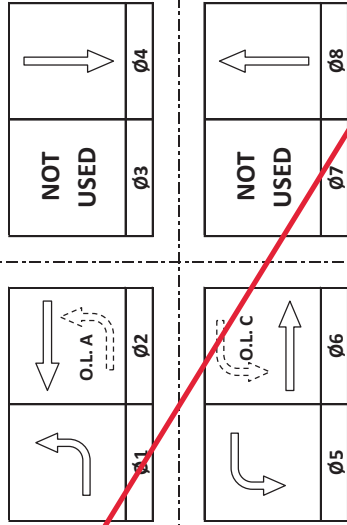
SIGNAL NO. T51-1451
 RECORD CONTACT: STEPHANIE SWARD
 DESIGNED BY: HNB
 REVISION: BCL

PAGE 0F 2
 SHEET 61
 E

SHEET REMOVED

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL	DETECTOR OPERATION		PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
		CALLS AND EXTENDS	EXTENDS ONLY							
11		X		1	1					
21		X		2	2					
22		X		2	2					
41			X	4	4					
42		X		4	4		X			
43		X		4	4					
51		X		5	5					
61		X		6	6					
62		X		6	6					
81		X	X	8	8			X		
82		X		8	8		X			
83		X		8	8					



HEAD NUMBERS	F	L	A	S	H
Ø1	4,5				
Ø2	6,7,8				
Ø3					
Ø4	11,12,13				
Ø5	9,10				
Ø6	1,2,3				
Ø7					
Ø8	14,15,16				
Ø2P					
Ø4P					
Ø6P					
Ø8P					
OLA	4,5				
OLB					
OLC	9,10				
OLD					

Addendum No. 01
 ID 2818-00-73
 Deleted Sheet 62
 March 9, 2018

IH 41 EAST FRONTAGE ROAD & STH 11	
VILLAGE OF MOUNT PLEASANT	
RACINE COUNTY	
SIGNAL NO.:	T5L-1451
DATE:	01/2018
CABINET TYPE:	EMP
CONTROLLER TYPE:	ECONOMITE
PAGE NO.:	2 OF 2

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWARE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

EMERGENCY VEHICLE PREEMPTION SEQUENCE				
PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+8	8+4

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
 AFTER PREEMPTION SEQUENCE 4+8 OR 8+4, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETH/DMT)	
RADIO	
CELL MOBILE	X

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

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

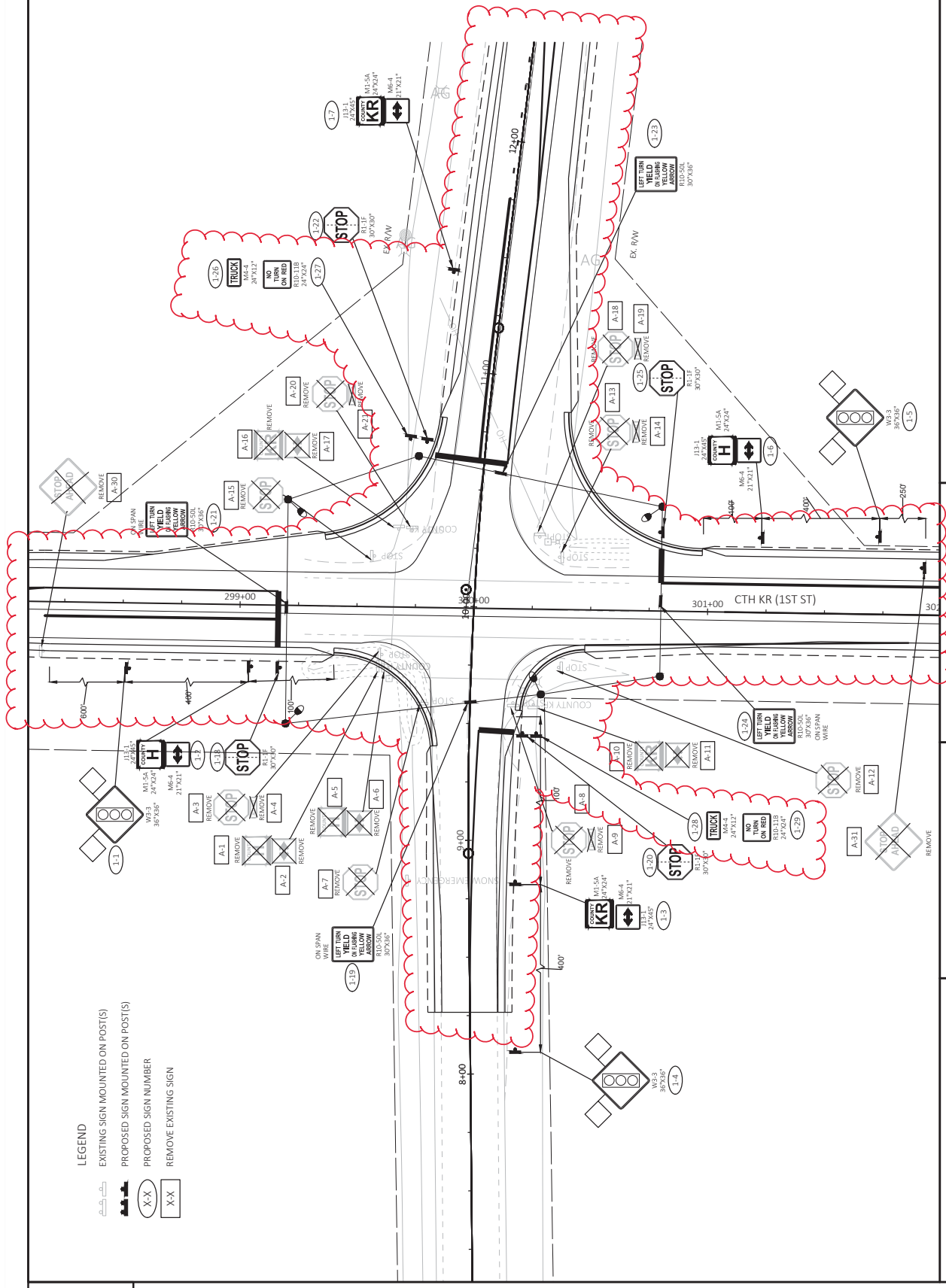
CONTROLLER LOGIC

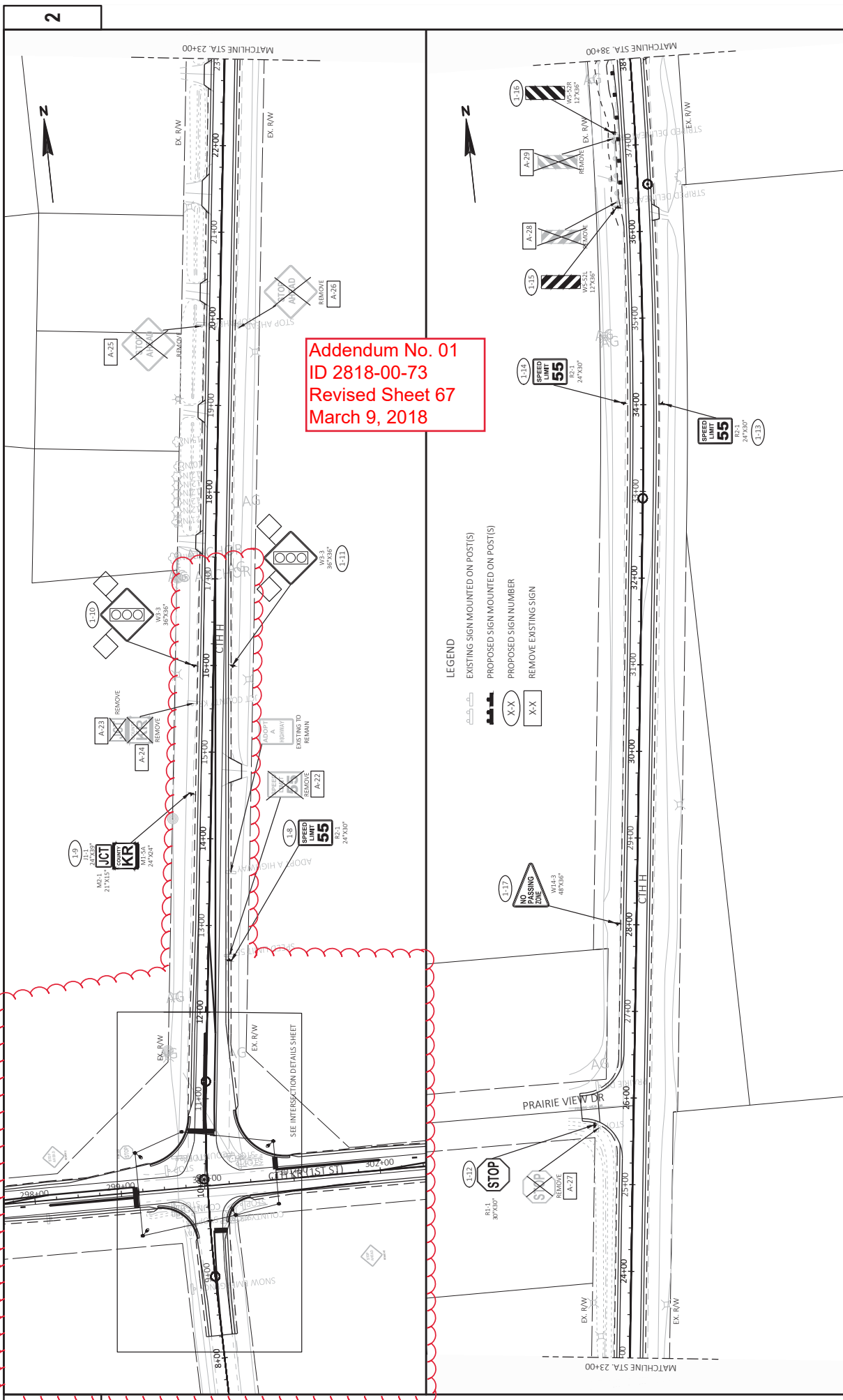
PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3				
4		8		X
5		2		X
6	X	2	MIN	X
7				
8		4		X



Addendum No. 01
 ID 2818-00-73
 Revised Sheet 66
 March 9, 2018

- LEGEND**
- EXISTING SIGN MOUNTED ON POST(S)
 - PROPOSED SIGN MOUNTED ON POST(S)
 - PROPOSED SIGN NUMBER
 - REMOVE EXISTING SIGN

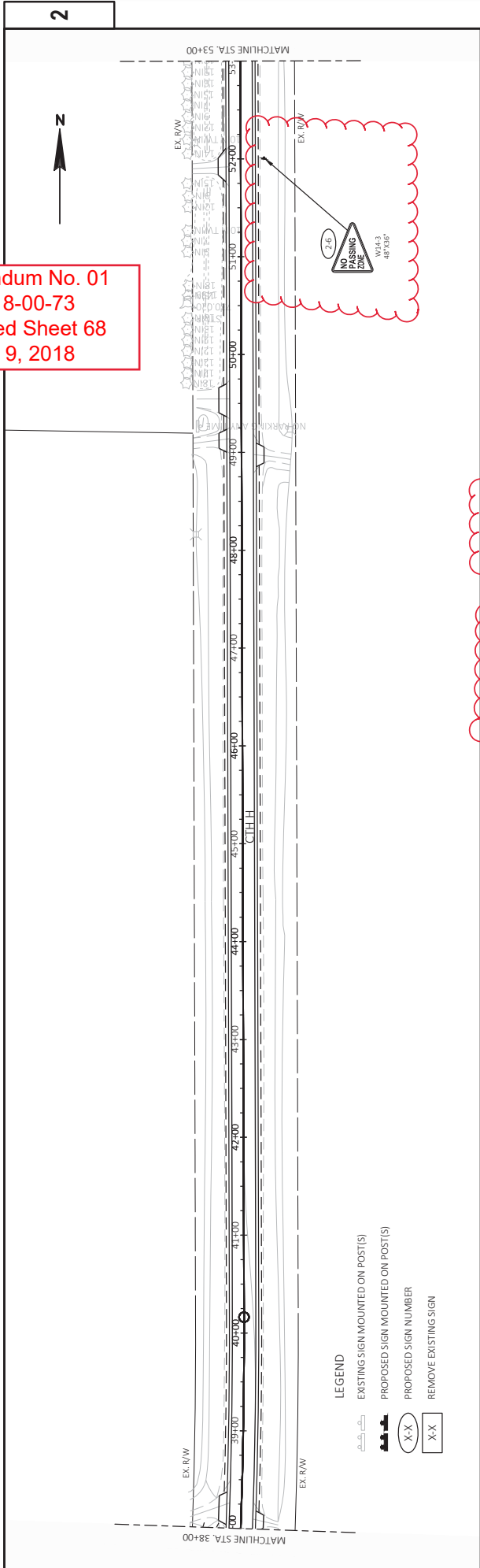




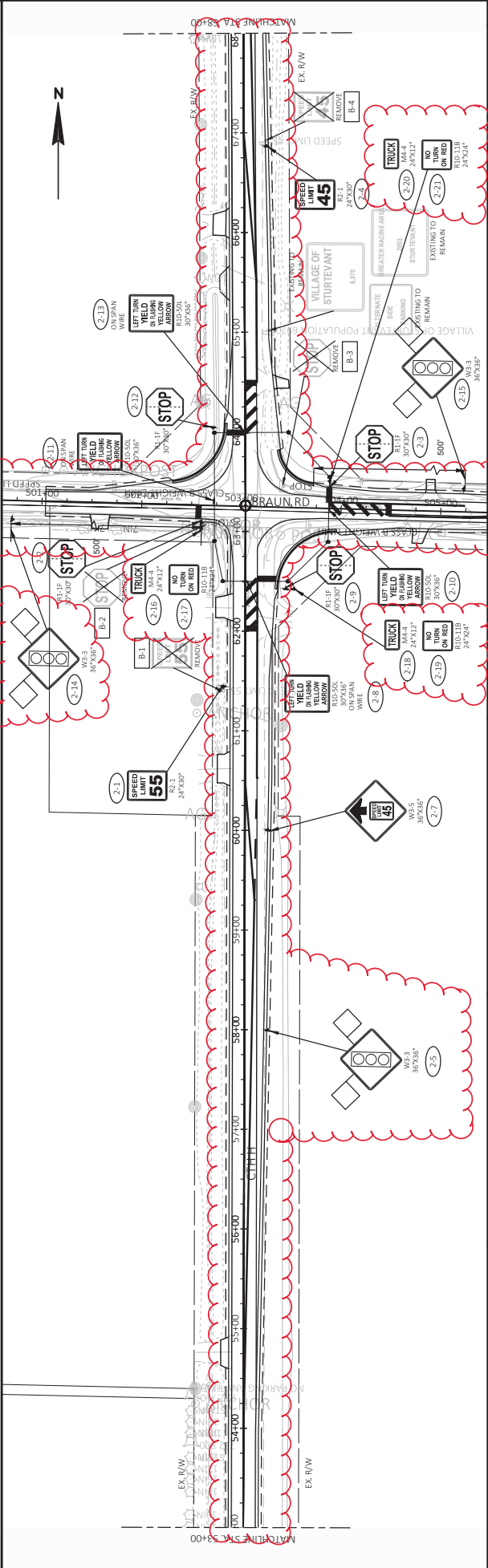
Addendum No. 01
 ID 2818-00-73
 Revised Sheet 67
 March 9, 2018

- LEGEND**
- EXISTING SIGN MOUNTED ON POST(S)
 - PROPOSED SIGN MOUNTED ON POST(S)
 - PROPOSED SIGN NUMBER
 - REMOVE EXISTING SIGN

Addendum No. 01
 ID 2818-00-73
 Revised Sheet 68
 March 9, 2018

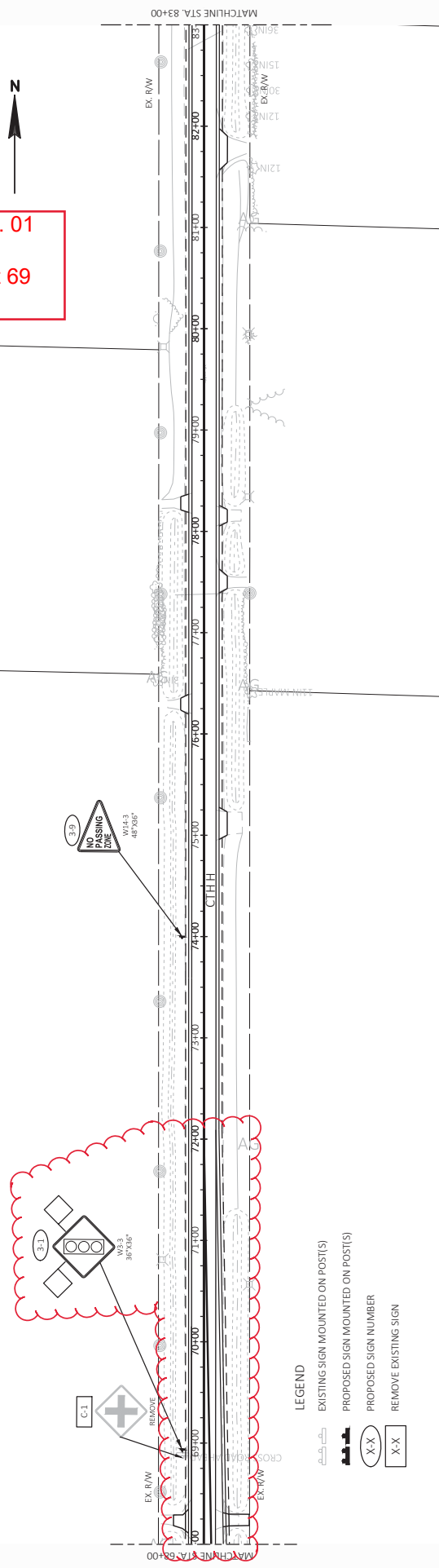


LEGEND
 [Symbol] EXISTING SIGN MOUNTED ON POST(S)
 [Symbol] PROPOSED SIGN MOUNTED ON POST(S)
 [Symbol] PROPOSED SIGN NUMBER
 [Symbol] REMOVE EXISTING SIGN

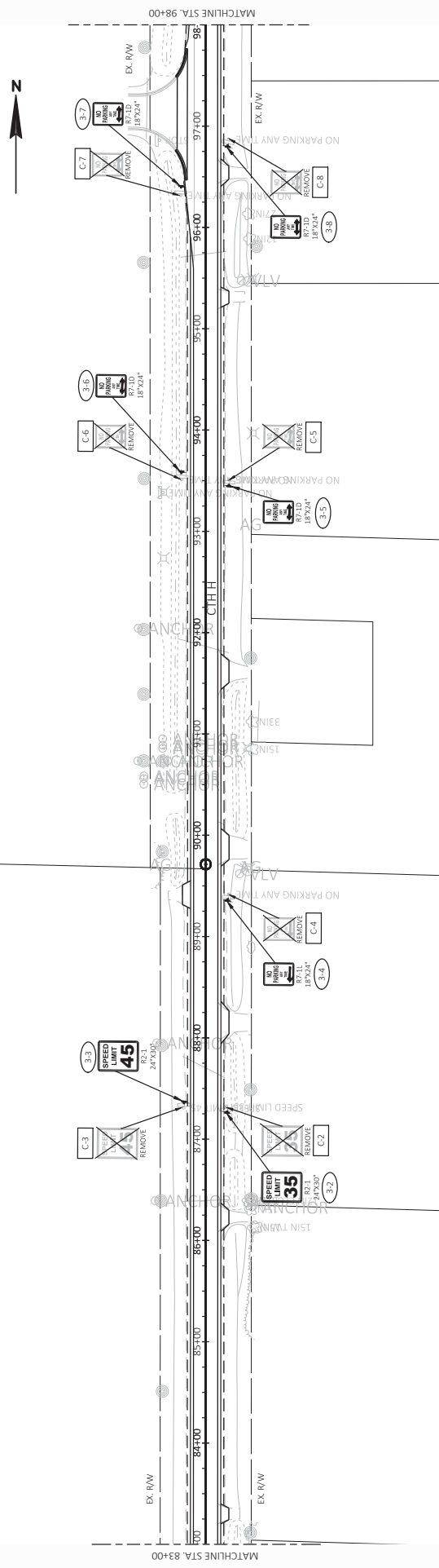


PROJECT NO: 2818-00-73
 COUNTY: RACINE
 HWY: CTH H
 SHEET 68
 FILE NAME: X:\MIDWEST\2017\0550\CAD\TRANSPORTATION\DWG\SHEETPLAN\02301_PSDWG
 LAYOUT NAME: 02301_P
 PLOT DATE: 3/7/2018 2:07 PM
 PLOT BY: ROGAHN, DOUG
 PLOT NAME: 1 IN:100 FT
 WSDOT/CADD/SHEET 44

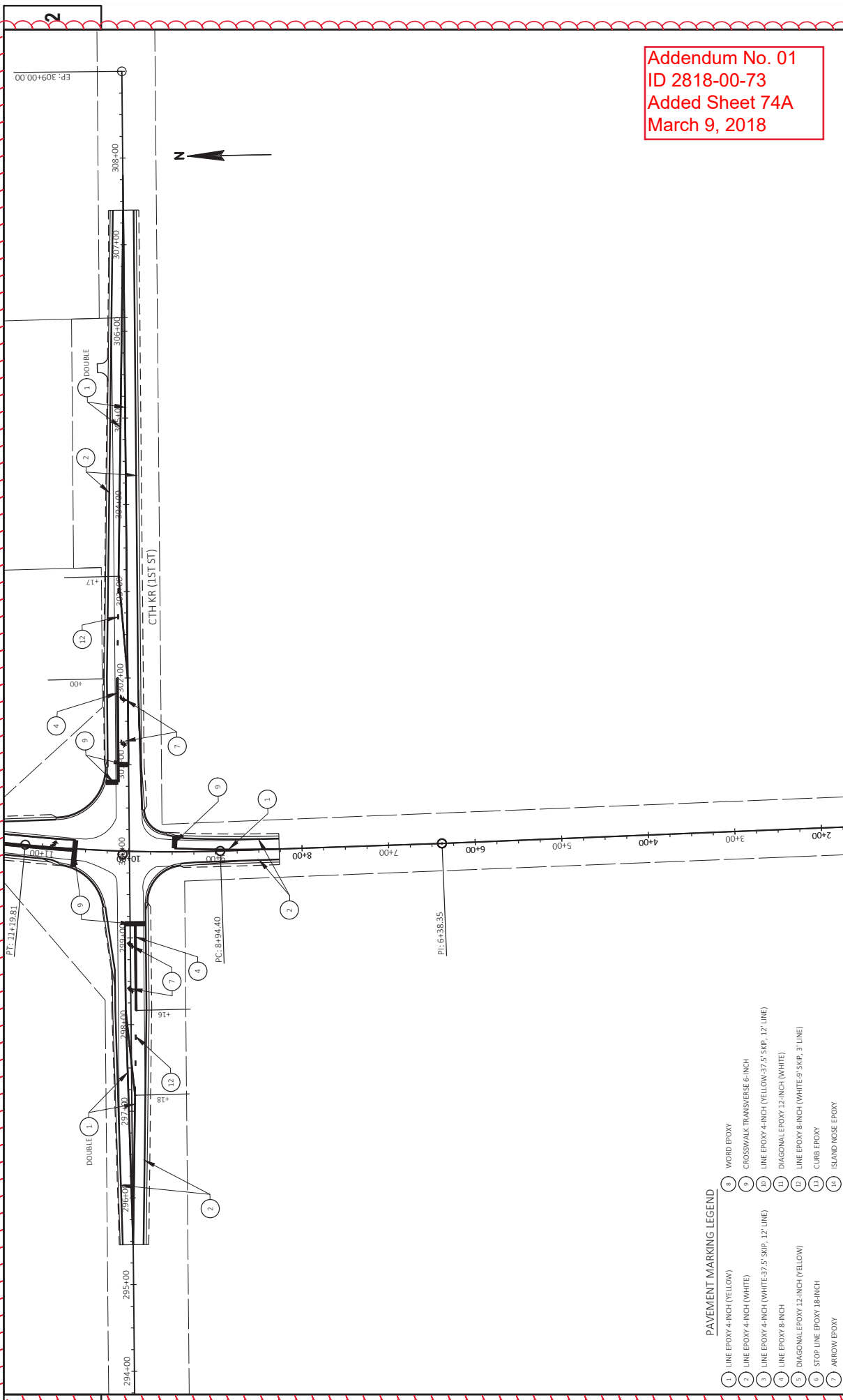
Addendum No. 01
 ID 2818-00-73
 Revised Sheet 69
 March 9, 2018



- LEGEND**
- EXISTING SIGN MOUNTED ON POST(S)
 - PROPOSED SIGN MOUNTED ON POST(S)
 - PROPOSED SIGN NUMBER
 - REMOVE EXISTING SIGN



Addendum No. 01
 ID 2818-00-73
 Added Sheet 74A
 March 9, 2018



PAVEMENT MARKING LEGEND

- 1 LINE EPOXY 4-INCH (YELLOW)
- 2 LINE EPOXY 4-INCH (WHITE)
- 3 LINE EPOXY 4-INCH (WHITE 37.5' SKIP, 12' LINE)
- 4 LINE EPOXY 8-INCH
- 5 DIAGONAL EPOXY 12-INCH (YELLOW)
- 6 STOP LINE EPOXY 18-INCH
- 7 ARROW EPOXY
- 8 WORD EPOXY
- 9 CROSSWALK TRANSVERSE 6-INCH
- 10 LINE EPOXY 4-INCH (YELLOW 37.5' SKIP, 12' LINE)
- 11 DIAGONAL EPOXY 12-INCH (WHITE)
- 12 LINE EPOXY 8-INCH (WHITE 9' SKIP, 3' LINE)
- 13 CURB EPOXY
- 14 ISLAND NOSE EPOXY

PROJECT NO: 2818-00-73

HWY: CTH H

COUNTY: RACINE

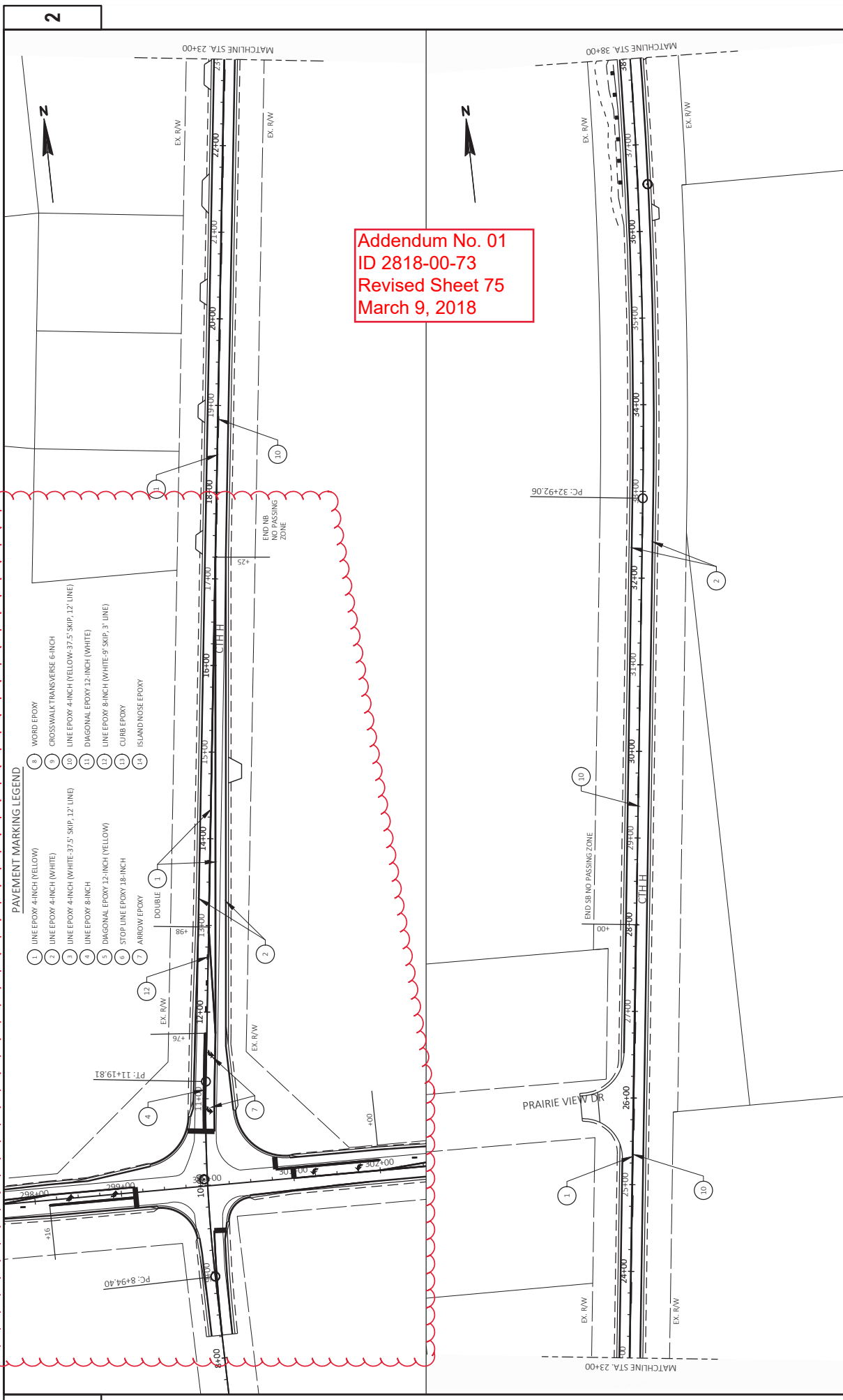
PAVEMENT MARKING PLAN

SHEET

74A

E

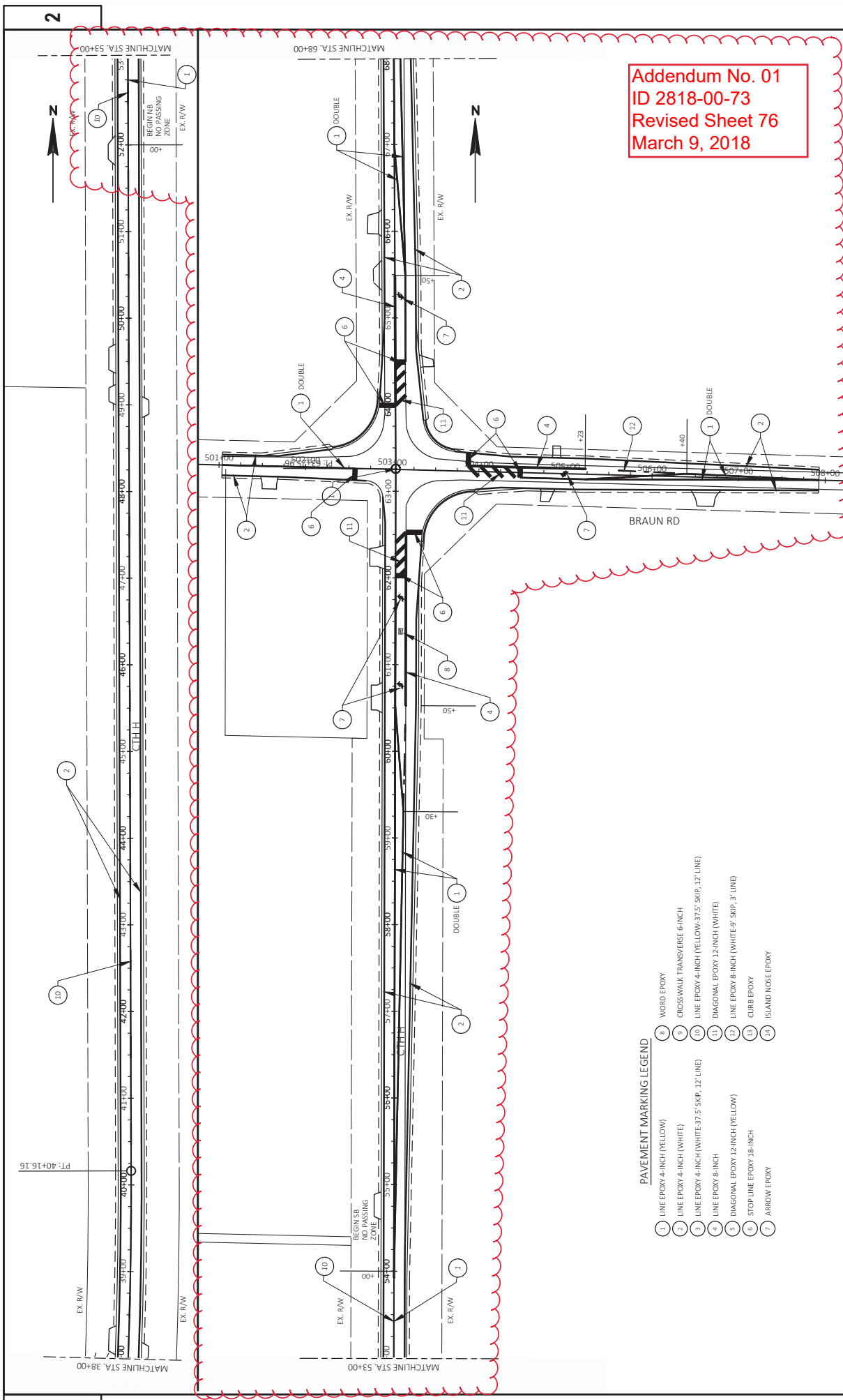
DATE: 03/09/18
 DRAWN BY: J. H. HARRIS
 CHECKED BY: J. H. HARRIS
 PROJECT NO: 2818-00-73
 SHEET NO: 74A
 COUNTY: RACINE
 HWY: CTH H
 PROJECT NAME: 081001_01



Addendum No. 01
 ID 2818-00-73
 Revised Sheet 75
 March 9, 2018

PAVEMENT MARKING LEGEND

- 1. LINE EPOXY 4-INCH (YELLOW)
- 2. LINE EPOXY 4-INCH (WHITE)
- 3. LINE EPOXY 4-INCH (WHITE-37.5' SKIP, 12" LINE)
- 4. LINE EPOXY 8-INCH
- 5. DIAGONAL EPOXY 12-INCH (YELLOW)
- 6. STOP LINE EPOXY 18-INCH
- 7. ARROW EPOXY
- 8. DOUBLE
- 9. WORD EPOXY
- 10. CROSSWALK TRANSVERSE 6-INCH
- 11. LINE EPOXY 4-INCH (YELLOW-37.5' SKIP, 12" LINE)
- 12. DIAGONAL EPOXY 12-INCH (WHITE)
- 13. LINE EPOXY 6-INCH (WHITE-9' SKIP, 3' LINE)
- 14. CURB EPOXY
- 15. ISLAND NOSE EPOXY

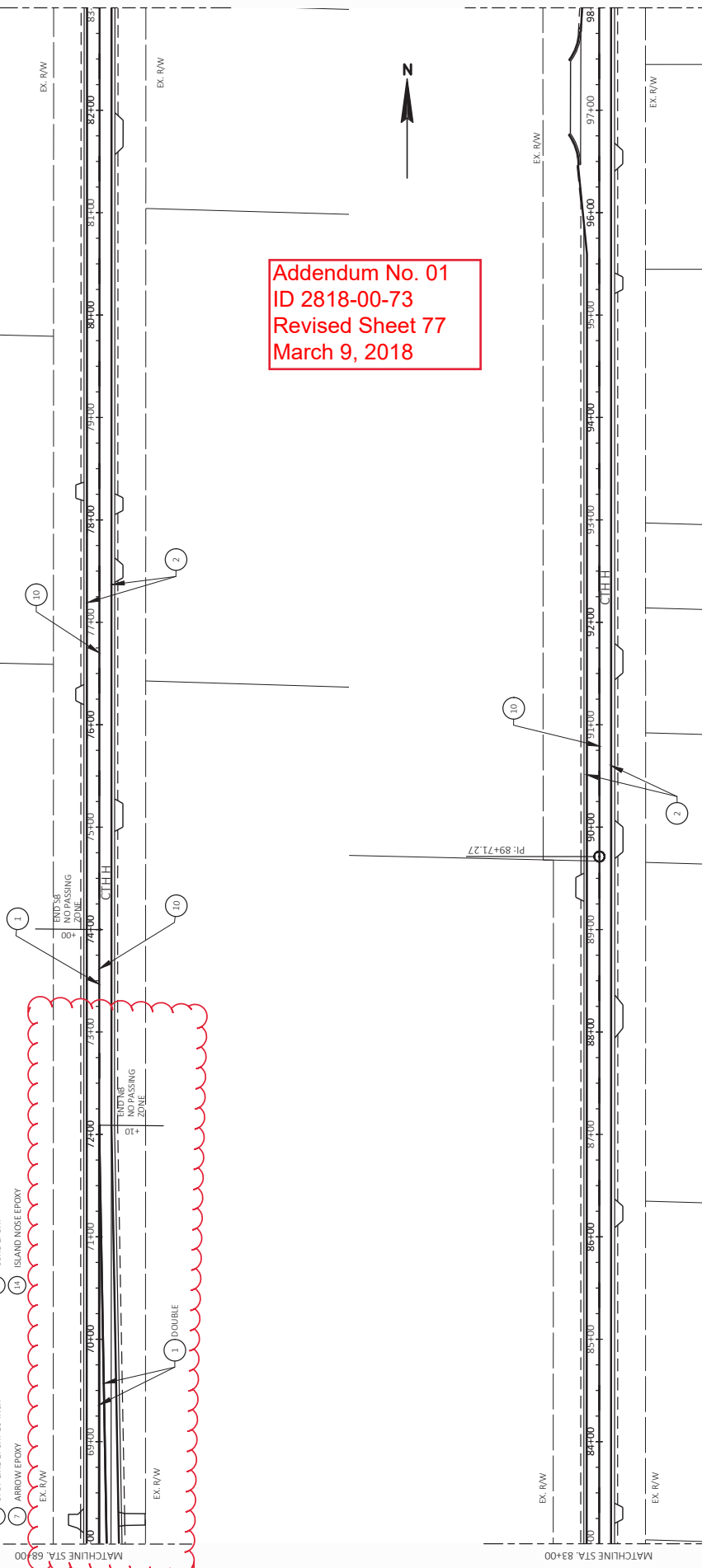


Addendum No. 01
 ID 2818-00-73
 Revised Sheet 76
 March 9, 2018

- PAVEMENT MARKING LEGEND**
- 1 LINE EPOXY 4-INCH (YELLOW)
 - 2 LINE EPOXY 4-INCH (WHITE)
 - 3 LINE EPOXY 4-INCH (WHITE:37.5' SKIP, 12' LINE)
 - 4 LINE EPOXY 4-INCH (YELLOW:37.5' SKIP, 12' LINE)
 - 5 DIAGONAL EPOXY 1.2-INCH (WHITE)
 - 6 DIAGONAL EPOXY 1.2-INCH (YELLOW)
 - 7 STOP LINE EPOXY 18-INCH
 - 8 WORD EPOXY
 - 9 CROSSWALK TRANSVERSE 6-INCH
 - 10 LINE EPOXY 4-INCH (WHITE:37.5' SKIP, 12' LINE)
 - 11 DIAGONAL EPOXY 1.2-INCH (WHITE)
 - 12 LINE EPOXY 8-INCH (WHITE:9' SKIP, 3' LINE)
 - 13 CURB EPOXY
 - 14 ISLAND INCR EPOXY

PAVEMENT MARKING LEGEND

- ① LINE EPOXY 4-INCH (YELLOW)
- ② LINE EPOXY 4-INCH (WHITE)
- ③ LINE EPOXY 4-INCH (WHITE-37.5' SKIP, 12' LINE)
- ④ LINE EPOXY 8-INCH
- ⑤ DIAGONAL EPOXY 12-INCH (YELLOW)
- ⑥ STOP LINE EPOXY 18-INCH
- ⑦ ARROW EPOXY
- ⑧ WORD EPOXY
- ⑨ CROSSWALK TRANSVERSE 6-INCH
- ⑩ LINE EPOXY 4-INCH (YELLOW-37.5' SKIP, 12' LINE)
- ⑪ DIAGONAL EPOXY 12-INCH (WHITE)
- ⑫ LINE EPOXY 8-INCH (WHITE-9' SKIP, 3' LINE)
- ⑬ CURB EPOXY
- ⑭ ISLAND NOSE EPOXY

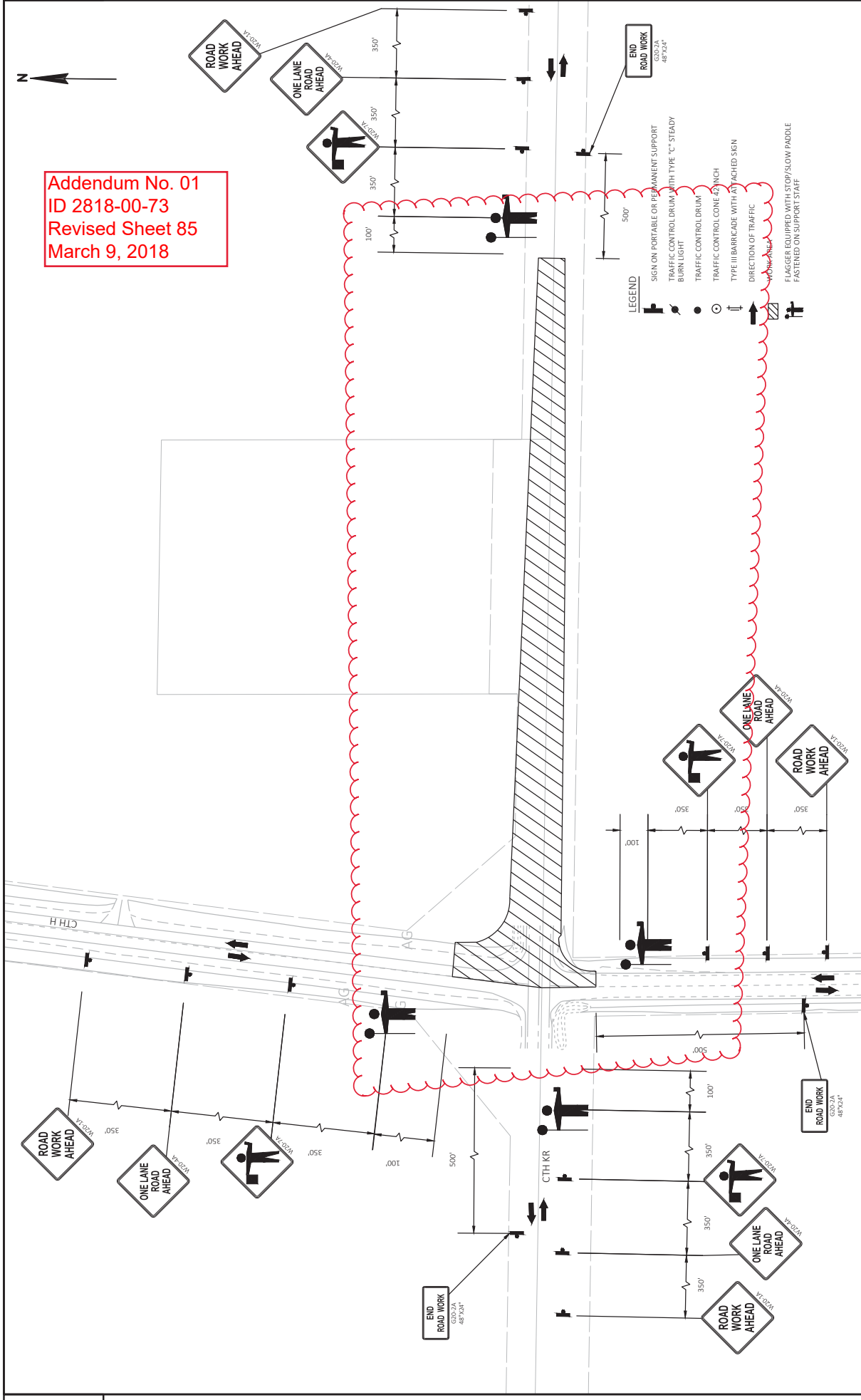


Addendum No. 01
 ID 2818-00-73
 Revised Sheet 77
 March 9, 2018

PROJECT NO: 2818-00-73	COUNTY: RACINE	PAVEMENT MARKING PLAN	SHEET 77
<small>FILE NAME: X:\MID\2017\0076560\04\TRANSFORATION\DWG\SHEETPLAN\024501_PMI.DWG LAYOUT NAME: 024501.dwg</small>	<small>PLOT DATE: 3/6/2018 12:48 PM</small>	<small>PLOT BY: MURPHY, TIER</small>	<small>PLOT SCALE: 1 IN=100 FT</small>
HWY: CTH H		WISDOT/CADD SHEET 44	

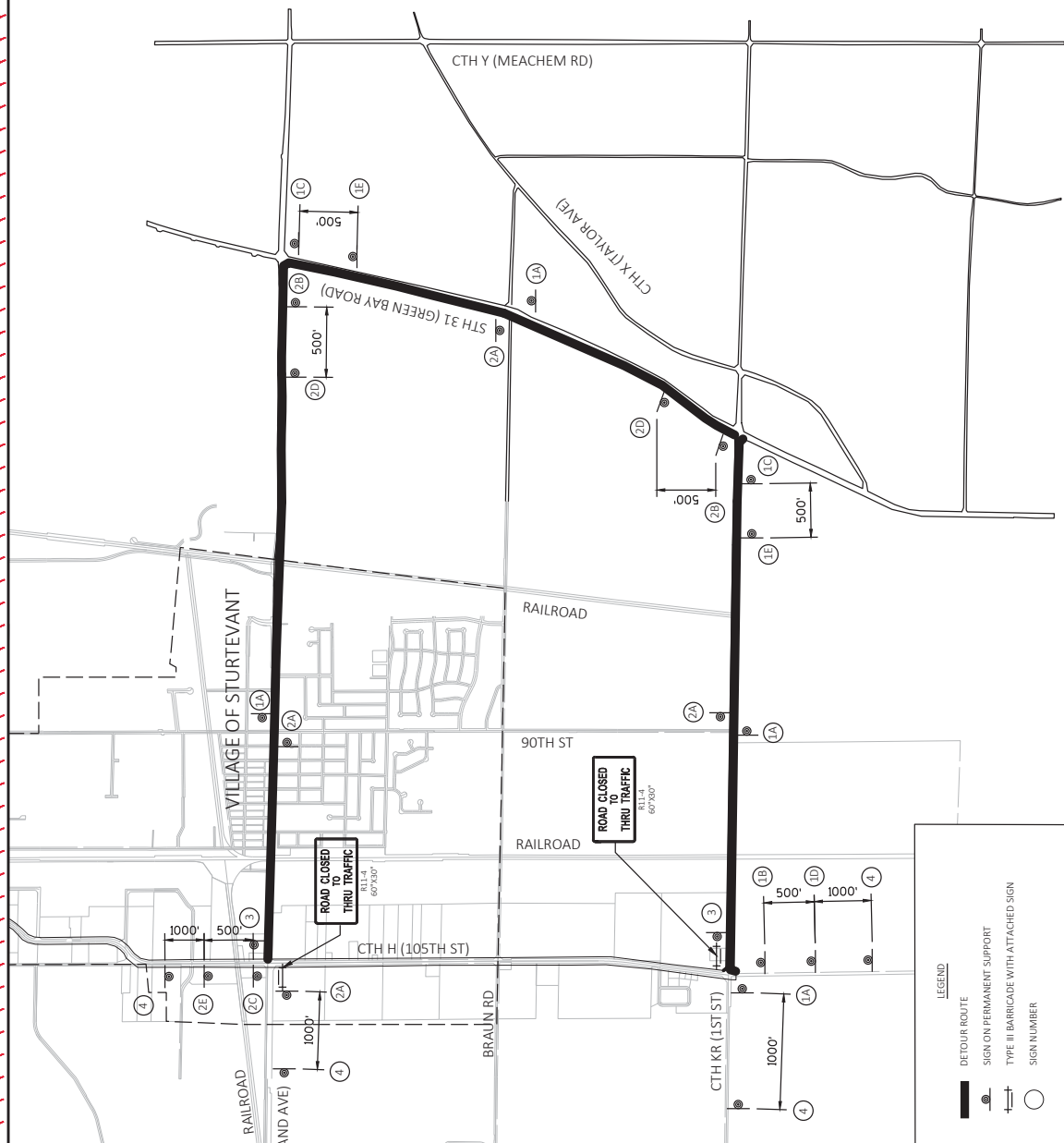


Addendum No. 01
ID 2818-00-73
Revised Sheet 85
March 9, 2018



FILE NAME: X:\MIDWEST\2017\0650\CAD\TRANSPORTATION\WG\SHETS\PLAN\025002_TCDWG
 LAYOUT NAME: 025002_L
 PLOT DATE: 2/23/2018 8:28 AM
 PLOT BY: SHORTER, ELLIE
 PLOT NAME: TRAFFIC CONTROL - STAGE 1 & 2 - CTH KR INTERSECTION
 PLOT SCALE: 1 IN=100 FT
 WSDOT/CADD SHEET 42

Addendum No. 01
 ID 2818-00-73
 Added Sheet 89A
 March 9, 2018



LEGEND

- DETOUR ROUTE
- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN NUMBER

1 M4-8 24'x12' NORTH H

2 M4-9 24'x12' SOUTH H

3 M04-6 24'x12' END DETOUR H

4 M4-5A 24'x24' DETOUR AHEAD H

A M05-1 21'x21' NORTH

B M05-2 21'x21' SOUTH

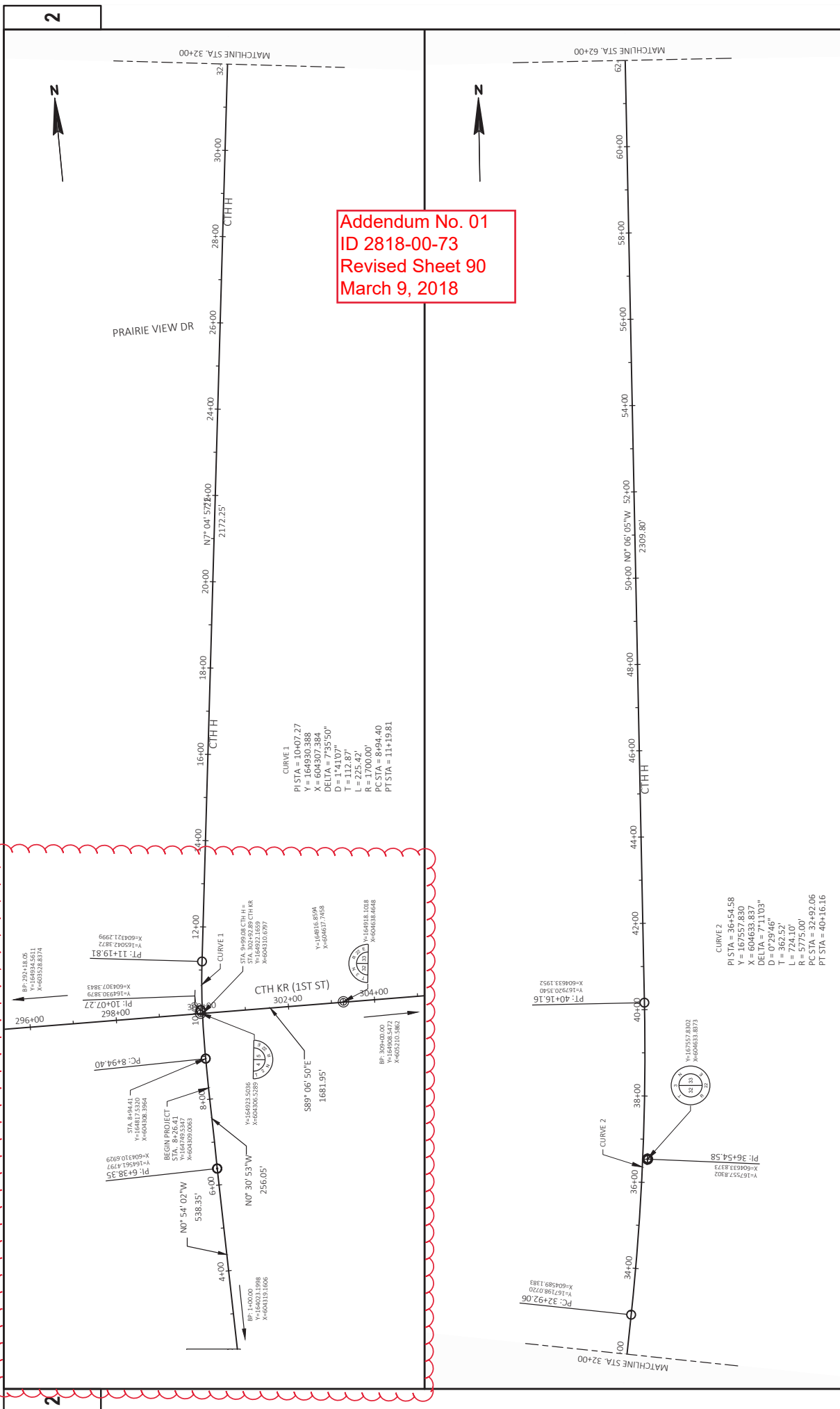
C M05-3 21'x21' EAST

D M05-4 21'x21' WEST

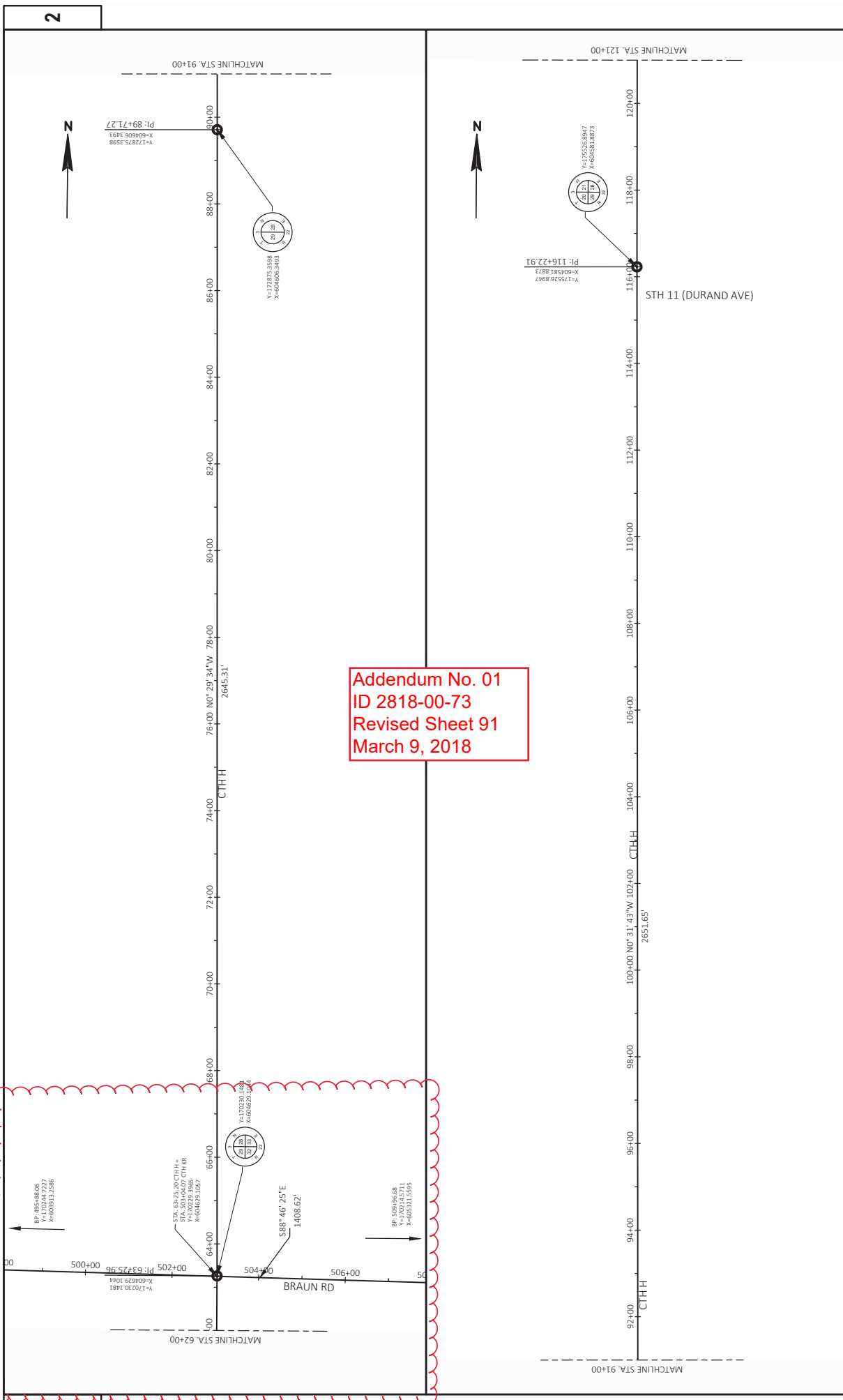
E M05-5 21'x21' NORTH

2

2



Addendum No. 01
 ID 2818-00-73
 Revised Sheet 90
 March 9, 2018



Addendum No. 01
 ID 2818-00-73
 Revised Sheet 91
 March 9, 2018

Addendum No. 01
ID 2818-00-73
Revised Sheet 98
March 9, 2018

REMOVING SMALL PIPE CULVERTS

STREET	STATION	OFFSET	TYPE	SIZE (IN)	LENGTH (FT)	EACH
CTH H	9+73	RT & LT	CMCPA	28" X20"	52	1
CTH H	10+25	RT & LT	CMCPA	42" X29"	81	1
CTH H	27+78	RT & LT	CMCPA	29" X50"	63	1
CTH H	62+25	RT	CMCP	12"	32	1
CTH H	64+50	RT	CMCP	12"	22	1
CTH H	68+25	RT	CMCP	12"	30	1
BRAUN ROAD	504+75	RT	CMCP	12"	28	1
BRAUN ROAD	504+90	LT	CMCP	12"	22	1
BRAUN ROAD	506+60	RT	CMCP	12"	40	1
PROJECT TOTAL						9

203.0100

REMOVING PAVEMENT

STREET	FROM	TO	SY
CTH H	8+26	116+00	204.0100
CTH H	116+00	197+47	0
PROJECT TOTAL			365

204.0100

REMOVING ASPHALTIC SURFACE

STREET	FROM	TO	SY
CTH H	8+26	116+00	204.0110
CTH H	116+00	197+47	0
PROJECT TOTAL			37,232

204.0110

REMOVING ASPHALTIC SURFACE MILLING

STREET	FROM	TO	SY
CTH H	8+26	116+00	204.0120
CTH H	116+00	197+47	35,867
PROJECT TOTAL			0
PROJECT TOTAL			35,867

204.0120

REMOVING CONCRETE SIDEWALK

STREET	STATION	TO	STATION	SY
CTH H	8+26	-	116+00	--
CTH H	116+00	-	197+47	146
PROJECT TOTAL				146

204.0155

REMOVING ASPHALTIC SURFACE BUTT JOINTS

STREET	FROM	TO	SY
CTH H	8+26	116+00	204.0115
CTH H	116+00	197+47	1099
PROJECT TOTAL			2249
PROJECT TOTAL			3,348

204.0115

REMOVING CURB & GUTTER

STREET	FROM	TO	LF
CTH H	8+26	116+00	299
CTH H	116+00	197+47	2,746
PROJECT TOTAL			3,045

204.0150

REMOVING GUARDRAIL

STREET	STATION	TO	STATION	OFFSET	LF
CTH H	36+25	-	37+16	LT	118
PROJECT TOTAL					118

204.0165

CATEGORY 0010 UNLESS OTHERWISE NOTED

EARTHWORK SUMMARY

Division	From/To Station	Location	(item # 205.0100)		Salvaged/Unusable Pavement Material (4)	Available Material (5)	Unexpanded Fill (6)	Expanded Borrow (8)	Comment:
			Excavation (1)	EBS Excavation (3)					
CTH KR		Intersection	1806	0	0	1806	387	429	
CTH H	36+41 TO 37+94	Mainline	58	0	0	58	41	45	- EARTHWORK FOR WIDENING AROUND GUARDRAIL
BRAUN ROAD		Intersection	1314	0	0	1314	943	1046	
PROJECT TOTAL			3179	636	0	3179	1370	1521	

1) Comment: Excavation is the sum of the Cut and EBS Excavation returns item number 205.0100

2) Salvaged/Unusable Pavement Material is included in Cut.

3) EBS Excavation to be backfilled with Breaker Run. See quantities elsewhere for item number 311.0110

4) Salvaged/Unusable Pavement Material

5) Available Material = Cut - Salvaged/Unusable Pavement Material

6) Expanded Fill. Factor = 1.11

Depending on selections:

Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh - Reduced EBS) * Fill Factor

Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced EBS) * Fill Factor

Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh) * Fill Factor

Expanded Fill = Unexpanded Fill * Fill Factor

7) 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.

8) Borrow Excavation: Borrow shall be salvaged pulverized material from project.

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PREPARE FOUNDATION

STREET	FROM	TO	LS	204.0100	211.0400
CTH H	8+26	116+00	0	193	193
CTH H	116+00	197+47	1	0	0
PROJECT TOTAL			1	193	193

ABANDONING INLETS

STREET	STATION	OFFSET	204.0260
CTH H	9+65	RT	1
CTH H	9+75	RT	1
PROJECT TOTAL			2

CATEGORY 0010 UNLESS OTHERWISE NOTED

PROJECT NO: 2818-00-73 HWY: CTHH COUNTY: RACINE FILE NAME: PLOT DATE: PLOT BY: MISCELLANEOUS QUANTITIES PLOT NAME: PLOT SCALE: 1:1

SHEET: 99

E

BASE AGGREGATE DENSE 1-1/4 INCH

STREET	FROM	TO	TON
CTH H	8+26	116+00	7,004
CTH H	116+00	197+47	38
CTH H		UNDISTRIBUTED	500
PROJECT TOTAL			7542

305.0120

BASE PATCHING ASPHALTIC

STREET	FROM	TO	SY
CTH H		UNDISTRIBUTED	0
PROJECT TOTAL			640

390.0203

CONCRETE DRIVEWAY HES 7-INCH

STREET	STATION	TO	STATION	SY
CTH H	8+26	-	116+00	--
CTH H	116+00	-	197+47	184
PROJECT TOTAL				184

416.0270

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BASE AGGREGATE DENSE 3/4-INCH

STREET	FROM STATION	TO STATION	TON
CTH H	8+26	116+00	2,760
CTH H	116+00	197+47	0
PROJECT TOTAL			2,760

305.0110

BREAKER RUN

STREET	FROM	TO	TON
CTH H	8+26	116+00	0
CTH H	116+00	197+47	0
CTH H		UNDISTRIBUTED	400
PROJECT TOTAL			400

311.0110

ASPHALTIC FLUMES

LOCATION	SY	
CTH H & STH 11	16	
PROJECT TOTAL		16

465.0315

ASPHALTIC PAVEMENT

STREET	FROM	TO	LOCATION	TON	GAL	TON	TON	TON
CTH H	8+26	116+00	MAINLINE	0	1,315	0	18,168	257
CTH H	116+00	197+47	MAINLINE	9,761	1,859	13,944	0	4
PROJECT TOTALS:				9,770	3,174	13,944	18,168	261

465.0120

CATEGORY 0010 UNLESS OTHERWISE NOTED

CONCRETE COLLARS FOR PIPES

STREET	STATION	LOCATION	520.8000 EACH
CTH KR	302+05	20' LT	1
CTH KR	302+08	20' LT	1
PROJECT TOTAL			2

CONCRETE CURB & GUTTER

STREET	STATION TO	STATION	416.0610 DRILLED TIE BARS EACH	601.0411 30-INCH TYPE D LF	601.0557 6-INCH SLOPED 36-INCH TYPE D LF	SPV.0090.01 30-INCH TYPE D HES LF
CTH H	8+26	- 116+00	12	169	764	0
CTH H	116+00	- 197+47	162	1334	0	1412
PROJECT TOTAL			174	1,503	764	1,412

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STORM SEWER

521.1228 APRON ENDWALLS FOR PIPE ARCH STEEL 28X20-INCH EACH	521.3728 PIPE ARCH CORRUGATED STEEL 28X20-INCH LF	611.0530 MANHOLE COVERS TYPE J EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	% SLOPE	DEPTH	INLET ELEV.	DISCHARGE ELEV.
299+39, 32' RT	1	--	--	0.4	--	717.27	717.16
299+65, 20' RT	--	1	1	0.4	3.96	717.16	716.40
301+55, 20' RT	--	1	1	0.4	3.50	716.40	716.20
302+05, 25' RT	1	--	--	--	--	--	--
PROJECT TOTAL		2	2				

CATEGORY 0010 UNLESS OTHERWISE NOTED

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CULVERTS		204.0180		520.1012		520.1018		520.1042		521.1242		521.3112		521.3118		521.3742		522.2424		522.2624		633.9200		
STREET	STATION	LOCATION	MARKERS	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	APRON ENDWALLS FOR CULVERT	MARKERS	
			AND DELINEATORS	12-INCH PIPE EACH	18-INCH PIPE EACH	42-INCH PIPE EACH	42X29-INCH STEEL EACH	12-INCH CORRUGATED STEEL LF	12-INCH CORRUGATED STEEL LF	18-INCH CORRUGATED STEEL LF	42X29-INCH STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	42X29-INCH CORRUGATED STEEL LF	END	
CTH H	10+59	LT & RT																						
CTH H	10+52	44' LT	1																					
CTH H	10+66	55' RT	1																					
CTH H	27+77	LT & RT																						
CTH H	27+77	31' LT	1																					
CTH H	27+77	31' RT	1																					
CTH H	64+37	41.7' RT		1																				
CTH H	64+48	RT																						
CTH H	64+59	39.5' RT		1																				
CTH H	68+12	37' RT		1																				
CTH H	68+26	RT																						
CTH H	68+40	37' RT		1																				
CTH H	72+68	38' RT	1																					
CTH H	72+69	32' LT	1																					
CTH KR	299+39	32' RT	1																					
CTH KR	302+05	25' RT	1																					
CTH KR	302+06	36' LT	1																					
CTH KR	302+09	36' LT	1																					
BRAUN RD	504+67	30' RT		1																				
BRAUN RD	504+77	RT																						
BRAUN RD	504+87	30' RT		1																				
BRAUN RD	504+80	29' LT		1																				
BRAUN RD	504+89	LT																						
BRAUN RD	504+98	29' LT		1																				
BRAUN RD	506+45	28.5' RT		1																				
BRAUN RD	506+62	RT																						
BRAUN RD	506+79	27.8' RT		1																				
PROJECT TOTAL			9	10	2	2	2	122	32	62	88	2	2	9										

PROJECT NO: 2818-00-73
 COUNTY: RACINE
 HWY: CTH H
 CATEGORY 0010 UNLESS OTHERWISE NOTED
 SHEET: 101A
 E

ADJUSTING SANITARY MANHOLES
VILLAGE OF MOUNT PLEASANT

CAT 0020
SPV.0060.01

STREET	STATION	LOCATION	EACH
CTH H	191+78	- 26' LT	1
CTH H	194+80	- 26' LT	1
CTH H	133+66	- 48' LT	1
CTH H	148+44	- 1' RT	1
CTH H	151+28	- 4' LT	1
CTH H	155+26	- 1' RT	1
CTH H	158+80	- 1' RT	1
CTH H	162+31	- 1' RT	1
CTH H	165+79	- 1' RT	1
CTH H	168+29	- 1' LT	1
CTH H	170+96	- 1' LT	1
CTH H	172+69	- 5' LT	1
CTH H	173+59	- 14' LT	1
CTH H	177+38	- 0'	1
CTH H	178+78	- 1' RT	1
CTH H	180+51	- 1' RT	1
CTH H	181+77	- 0'	1
CTH H	184+27	- 1' LT	1
CTH H	186+77	- 2' RT	1
CTH H	188+98	- 1' RT	1
PROJECT TOTAL			20

PIPE UNDERDRAIN UNPERFORATED 6-INCH

STREET	STATION	TO STATION	SF
CTH H	8+26	- 116+00	20
CTH H	116+00	- 197+47	--
PROJECT TOTAL			20

RIPRAP & GEOTEXTILE FABRIC

STREET	LOCATION	CY	606.0200 RIPRAP MEDIUM	645.0120 GEOTEXTILE TYPE HR
CTH H	10+66 RT	5	5	9
CTH H	27+78 RT	9	9	17
CTH H	72+68 RT	5	5	9
CTH H	72+68 RT	9	9	17
PROJECT TOTAL			28	52

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STATION	STATION	OFFSET	LF	614.2300 MGS GUARDRAIL 3	614.2610 MGS GUARDRAIL TERMINAL EAT	614.2620 MGS GUARDRAIL TERMINAL TYPE 2
8+26	- 116+00	LT	100	1	1	1
PROJECT TOTAL			100	1	1	1

CATEGORY 0010 UNLESS OTHERWISE NOTED

MAINTENANCE AND REPAIR OF HAUL ROADS

618.0100	EACH	1
CTH H		
PROJECT TOTAL		
		1

MOBILIZATION

619.1000	EACH	0.5
CTH H		
PROJECT TOTAL		
		0.5

CONCRETE CORRUGATED MEDIAN

620.0100	SF	3,290
CTH H		
8+26	-	116+00
CTH H		
116+00	-	197+47
PROJECT TOTAL		
		3,290

3

3

CONCRETE MEDIAN SLOPED NOSE

620.0300	SF	100
CTH H		
8+26	-	116+00
CTH H		
116+00	-	197+47
PROJECT TOTAL		
		100

LANDMARK REFERENCE MONUMENTS AND CAST IRON COVERS

621.1100	EACH	6
CTH H		
LOCATION		
CTH KR INTERSECTION		2
APPROXIMATE STA. 36+55		1
BRAUN ROAD INTERSECTION		1
APPROXIMATE STA. 89+71		1
APPROXIMATE STA. 142+77		1
PROJECT TOTAL		
		6

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WATER

624.0100	M/GAL	75
CTH H		
8+26	-	116+00
CTH H		
116+00	-	197+47
PROJECT TOTAL		
		75

SILT FENCE

628.1504	SILT FENCE	2034
CTH H		
8+26	-	116+00
CTH H		
116+00	-	197+47
PROJECT TOTALS		
		3,924

SALVAGED TOPSOIL

625.0500	CU	11,155
CTH H		
8+26	-	116+00
CTH H		
116+00	-	197+47
PROJECT TOTAL		
		11,155

SILT FENCE MAINTENANCE

628.1520	SILT FENCE MAINTENANCE	2034
CTH H		
8+26	-	116+00
CTH H		
116+00	-	197+47
PROJECT TOTALS		
		2,819

EROSION MAT URBAN CLASS I TYPE B

STREET	LOCATION	LOCATION	628.2008 SY
CTH H	8+26	116+00	9,456
CTH H	116+00	197+47	0
UNDISTRIBUTED	--	--	946
PROJECT TOTAL			10,402

EROSION CONTROL MOBILIZATIONS

LOCATION	628.1905 MOBILIZATIONS	628.1910 MOBILIZATIONS
CTH H - STAGE 1	EROSION CONTROL EACH	EMERGENCY EROSION CONTROL EACH
	1	2
	1	2
PROJECT TOTAL		

DRAINAGE CHECKS

LOCATION	FROM	TO	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULTVERT PIPE CHECKS EACH
CTH H	8+26	116+00	135	57
CTH H	116+00	197+47	0	0
UNDISTRIBUTED	--	--	75	5
PROJECT TOTAL			210	62

INLET PROTECTION

STREET	FROM	TO	628.7005 INLET PROTECTION TYPE A EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH
CTH H	8+26	116+00	0	0	0
CTH H	116+00	197+47	5	46	9
PROJECT TOTAL			5	46	9

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SOD EROSION CONTROL

STREET	FROM	TO	631.1100 SOD EROSION CONTROL SY
CTH H	8+26	116+00	0
CTH H	116+00	197+47	495
UNDISTRIBUTED	--	--	248
PROJECT TOTAL			743

FERTILIZER & SEEDING

STREET	FROM	TO	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB
CTH H	8+26	116+00	5.4	171
CTH H	116+00	197+47	0.0	0
UNDISTRIBUTED	--	--	0.5	18
PROJECT TOTALS			5.9	189

PROJECT NO: 2818-00-73 HWY: CTHH COUNTY: RACINE PLOT DATE: PLOT NAME: PLOT SCALE: 1:1

CATEGORY 0010 UNLESS OTHERWISE NOTED SHEET: 105 E

EROSION CONTROL MOBILIZATIONS MISCELLANEOUS QUANTITIES FILE NAME: PLOT BY: PLOT DATE: PLOT NAME: PLOT SCALE: 1:1

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TYPE II SIGNS

634.0614 634.0616 634.0618 637.0620 637.2210 637.2215 637.2230
POSTS WOOD POSTS WOOD POSTS WOOD SIGN FLAGS SIGNS SIGNS
4X6-INCH x 4X6-INCH x 4X6-INCH x PERMANENT TYPE II REFLECTIVE TYPE II TYPE II
14 FT 16 FT 18 FT 18 FT H FOLDING F
REFLECTIVE REFLECTIVE REFLECTIVE

SIGN NO.	LOCATION	STATION	OFFSET SIGN CODE	MESSAGE	SIZE	EACH	EACH	EACH	EACH	TYPE II REFLECTIVE	TYPE II REFLECTIVE	TYPE II REFLECTIVE	TYPE II REFLECTIVE	TYPE II REFLECTIVE	TYPE II REFLECTIVE	REMARKS
										H	H	H	F	F	F	
1-1	CTH KR	294+40	RT	W3-3	36 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-2	CTH KR	298+40	RT	J13-1	24 X 45	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-3	CTH H	8+53	RT	J13-1	24 X 45	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-4	CTH H	4+53	RT	W3-3	36 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-5	CTH KR	306+00	LT	W3-3	36 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-6	CTH KR	302+00	LT	J13-1	24 X 45	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-7	CTH H	11+41	LT	J13-1	24 X 45	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-8	CTH H	12+68	RT	R2-1	24 X 30	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-9	CTH H	14+50	LT	J1-1	24 X 39	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-10	CTH H	15+98	LY	W3-3	36 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-11	CTH H	15+99	RT	W3-3	36 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-12	PRAIRIE VIEW DR	25+66	LT	R1-1	30 X 30	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-13	CTH H	34+01	RT	R2-1	24 X 30	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-14	CTH H	34+01	LT	R2-1	24 X 30	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-15	CTH H	36+35	LT	W5-52L	12 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-16	CTH H	37+08	LT	W5-52R	12 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-17	CTH H	28+00	LT	W14-3	48 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-18	CTH KR	299+20	RT	R1-RF	30 X 30	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-19	CTH H	9+59	RT	R10-50L	30 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	ON SPAN WIRE
1-20	CTH H	9+50	RT	R1-RF	30 X 30	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-21	CTH KR	299+20	RT	R10-50L	30 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	ON SPAN WIRE
1-22	CTH H	10+70	LT	R1-RF	30 X 30	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-23	CTH H	10+60	LT	R10-50L	30 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	ON SPAN WIRE
1-24	CTH KR	300+80	LT	R10-50L	30 X 36	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	ON SPAN WIRE
1-25	CTH KR	300+80	LT	R1-RF	30 X 30	1	1	1	2	7.5	7.5	7.5	9.0	9.0	9.0	
1-26	CTH H	10+70	LT	M4-4	24 X 12	1	1	1	2	4.0	4.0	4.0	2.0	2.0	2.0	ON SAME POST AS 1-26
1-27	CTH H	10+70	LT	R10-11B	24 X 24	1	1	1	2	4.0	4.0	4.0	2.0	2.0	2.0	ON SAME POST AS 1-27
1-28	CTH H	9+50	RT	M4-4	24 X 12	1	1	1	2	4.0	4.0	4.0	2.0	2.0	2.0	ON SAME POST AS 1-28
1-29	CTH H	9+50	RT	R10-11B	24 X 24	1	1	1	2	4.0	4.0	4.0	2.0	2.0	2.0	ON SAME POST AS 1-29

CATEGORY 0010 UNLESS OTHERWISE NOTED

TYPE II SIGNS - CONTINUED

634.0614 634.0616 634.0618 634.0620 637.2210 637.2215 637.2230
 POSTS WOOD POSTS WOOD POSTS WOOD SIGN FLAGS SIGNS SIGNS
 4X6-INCH x 4X6-INCH x 4X6-INCH x PERMANENT TYPE II TYPE II TYPE II
 14 FT 16 FT 18 FT TYPE II REFLECTIVE REFLECTIVE REFLECTIVE
 REFLECTIVE REFLECTIVE REFLECTIVE

SIGN NO.	LOCATION	STATION	OFFSET	SIGN CODE	MESSAGE	SIZE	EACH	EACH	EACH	H	SF	F	REMARKS
2-1	CTH H	61+40	RT	R2-1	SPEED LIMIT 55	24 X 30	1	--	--	--	--	--	
2-2	BRAUN RD	63+07	LT	R1-1	STOP	30 X 30	1	--	--	5.0	--	--	
2-3	BRAUN RD	63+45	RT	R1-1	STOP	30 X 30	1	--	--	5.2	--	--	
2-4	CTH H	66+91	RT	R2-1	SPEED LIMIT 45	24 X 30	1	--	--	5.0	--	--	
2-5	CTH H	58+00	RT	W3-3	-	36 X 36	--	--	--	--	--	9.0	
2-6	CTH H	52+00	RT	W14-3	NO PASSING ZONE	48 X 36	--	--	--	--	--	5.2	
2-7	CTH H	60+00	RT	W3-5	-	36 X 36	1	--	--	--	--	9.0	ON SPAN WIRE
2-8	CTH H	62+91	RT	R10-50L	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30 X 36	--	--	--	7.5	--	--	
2-9	CTH H	62+84	RT	R1-1F	STOP	30 X 30	1	--	--	--	5.2	--	
2-10	BRAUN RD	63+30	RT	R10-50L	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30 X 36	--	--	--	7.5	--	--	ON SPAN WIRE
2-11	BRAUN RD	63+30	LT	R10-50L	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30 X 36	--	--	--	7.5	--	--	ON SPAN WIRE
2-12	CTH H	63+71	LT	R1-1F	STOP	30 X 30	1	--	--	--	5.2	--	
2-13	CTH H	63+64	LT	R10-50L	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30 X 36	--	--	--	7.5	--	--	ON SPAN WIRE
2-14	BRAUN RD	49+50	RT	W3-3	-	36 X 36	1	--	--	--	--	9.0	
2-15	BRAUN RD	509+00	LT	W3-3	-	36 X 36	1	--	--	--	--	9.0	
2-16	CTH H	62+53	RT	M4-4	TRUCK	24 X 12	1	--	--	2.0	--	--	
2-17	CTH H	62+53	RT	R10-11B	NO TURN ON RED	24 X 24	--	--	--	4.0	--	--	ON SAME POST AS 2-16
2-18	BRAUN RD	503+88	LT	M4-4	TRUCK	24 X 12	1	--	--	2.0	--	--	
2-19	BRAUN RD	503+88	LT	R10-11B	NO TURN ON RED	24 X 24	--	--	--	4.0	--	--	ON SAME POST AS 2-18
2-20	CTH H	64+00	LT	M4-4	TRUCK	24 X 12	1	--	--	2.0	--	--	
2-21	CTH H	64+00	LT	R10-11B	NO TURN ON RED	24 X 24	--	--	--	4.0	--	--	ON SAME POST AS 2-20
3-1	CTH H	68+86	LT	W3-3	-	36 X 36	1	--	--	--	--	9.0	
3-2	CTH H	87+31	RT	R2-1	SPEED LIMIT 35	24 X 30	1	--	--	5.0	--	--	
3-3	CTH H	87+30	LT	R2-1	SPEED LIMIT 45	24 X 30	1	--	--	5.0	--	--	
3-4	CTH H	89+41	RT	R7-1L	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
3-5	CTH H	93+51	RT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
3-6	CTH H	93+51	LT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
3-7	CTH H	96+31	LT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
3-8	CTH H	96+86	RT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
3-9	CTH H	74+00	LT	W14-3	NO PASSING ZONE	48 X 36	1	--	--	--	--	5.6	
4-1	CTH H	98+47	RT	R2-1	SPEED LIMIT 35	24 X 30	1	--	--	5.0	--	--	
4-2	CTH H	99+43	LT	R2-1	SPEED LIMIT 35	24 X 30	1	--	--	5.0	--	--	
4-3	CTH H	101+36	RT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
4-4	CTH H	101+39	LT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
4-5	CTH H	107+15	RT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
4-6	CTH H	107+16	LT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
4-7	CTH H	109+02	RT	W3-3	-	36 X 36	1	--	--	--	--	9.0	
4-8	CTH H	110+01	RT	J1-1	JCT/11	24 X 39	1	--	--	6.5	--	--	
4-9	CTH H	111+20	RT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
4-10	CTH H	111+34	LT	R2-1	SPEED LIMIT 35	24 X 30	1	--	--	5.0	--	--	
4-11	CTH H	113+36	LT	J4-1	SOUTH/COUNTY H	24 X 36	1	--	--	6.0	--	--	
4-12	CTH H	113+78	LT	R7-1D	NO PARKING ANYTIME	18 X 24	1	--	--	3.0	--	--	
4-13	CTH H	114+55	RT	J13-1	11/DOUBLE DIRECTIONAL ARROW	24 X 45	1	--	--	7.5	--	--	

CATEGORY 0010 UNLESS OTHERWISE NOTED

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TYPE II SIGNS - CONTINUED

634.0614 634.0616 634.0618 637.0620 637.2210 637.2215 637.2230
 POSTS WOOD POSTS WOOD POSTS WOOD SIGN FLAGS SIGNS SIGNS
 4X6-INCH x 4X6-INCH x 4X6-INCH x 4X6-INCH x PERMANENT TYPE II TYPE II TYPE II
 14 FT 16 FT 18 FT TYPE II REFLECTIVE REFLECTIVE REFLECTIVE
 H FOLDING F

SIGN NO.	LOCATION	STATION	OFFSET	SIGN CODE	MESSAGE	SIZE		EACH	EACH	EACH	TYPE II	H	REFLECTIVE	H FOLDING	SF	F	REMARKS	
						30 X	36											
8-1	STH 11 & IH-41 E. FRONTAGE RD	--	--	R1-1F	STOP	30 X	30	1	--	--	--	--	--	5.2	--	--		
8-2	STH 11 & IH-41 E. FRONTAGE RD	--	--	R10-50L	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30 X	36	--	--	--	--	7.5	--	--	--	--	ON SPAN WIRE	
8-3	STH 11 & IH-41 E. FRONTAGE RD	--	--	R1-1F	STOP	30 X	30	1	--	--	--	--	--	5.2	--	--		
8-4	STH 11 & IH-41 E. FRONTAGE RD	--	--	W3-3		36 X	36	--	1	--	2	--	--	--	--	9.0		
8-5	STH 11 & IH-41 E. FRONTAGE RD	--	--	R1-1F	STOP	30 X	30	1	--	--	--	--	--	5.2	--	--		
8-6	STH 11 & IH-41 E. FRONTAGE RD	--	--	R10-50L	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30 X	36	--	--	--	--	7.5	--	--	--	--	ON SPAN WIRE	
8-7	STH 11 & IH-41 E. FRONTAGE RD	--	--	R10-50L	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30 X	36	--	--	--	--	7.5	--	--	--	--	ON SPAN WIRE	
8-8	STH 11 & IH-41 E. FRONTAGE RD	--	--	R1-1F	STOP	30 X	30	1	--	--	--	--	--	5.2	--	--		
8-9	STH 11 & IH-41 E. FRONTAGE RD	--	--	R10-50L	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30 X	36	--	--	--	--	7.5	--	--	--	--	ON SPAN WIRE	
8-10	STH 11 & IH-41 E. FRONTAGE RD	--	--	W3-3		36 X	36	--	1	--	2	--	--	--	--	9.0		
PROJECT TOTAL											111	24	1	14	661.1	51.8	263.5	

CATEGORY 0010 UNLESS OTHERWISE NOTED

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 March 9, 2018

FIELD OFFICE TYPE B		TRAFFIC CONTROL													
642.5001	EACH	643.0300	643.0410	643.0420	643.0705	643.0715	643.0900	643.1070	649.0105						
PROJECT 2818-00-73	1	TRAFFIC CONTROL DRUMS	TRAFFIC CONTROL BARRICADES TYPE II	TRAFFIC CONTROL BARRICADES TYPE III	TRAFFIC CONTROL WARNING LIGHTS TYPE A	TRAFFIC CONTROL WARNING LIGHTS TYPE C	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL CONES 42-INCH	TEMPORARY MARKING LINE PAINT 4-INCH						
PROJECT TOTAL	1								(WHITE) (YELLOW)						
TEMPORARY PORTABLE RUMBLE STRIPS															
643.0310.S	LS														
PROJECT 3 & 4	1														
PROJECT TOTAL	1														

TRAFFIC CONTROL		TEMPORARY PEDESTRIAN ACCOMMODATIONS		MARKING	
643.5000	EACH	644.1430.S	644.1601.S	644.1616.S	646.5020
PROJECT 2818-00-73	0.6	TEMPORARY PEDESTRAIN SURFACE PLATE	TEMPORARY CURB RAMP	TEMPORARY PEDESTRAIN SAFETY FENCE	MARKING ARROW
PROJECT TOTAL	0.6				WORD
					EPOXY
					EACH
					PROJECT TOTAL
					32
					14
					5
					9
					14
					23,650

TEMPORARY PEDESTRIAN ACCOMMODATIONS		MARKING	
644.1430.S	644.1601.S	646.1020	646.7120
TEMPORARY PEDESTRAIN SURFACE PLATE	TEMPORARY CURB RAMP	LINE SAME STOP LINE	DIAGONAL EPOXY
		EPOXY DAY EPOXY	TRANSVERSE LINE MEDIAN EPOXY
		4-INCH 8-INCH	6-INCH
		WHITE YELLOW	WHITE
		LF LF	LF LF
		23602 3730	197 291
		1897 2376	363
		17550 9601	100
		244 100	100
		27,151 466	10
		28,880 4,273	3,290
		PROJECT TOTAL	621

TEMPORARY PEDESTRIAN ACCOMMODATIONS		MARKING	
644.1430.S	644.1601.S	646.1020	646.7120
TEMPORARY PEDESTRAIN SURFACE PLATE	TEMPORARY CURB RAMP	LINE SAME STOP LINE	DIAGONAL EPOXY
		EPOXY DAY EPOXY	TRANSVERSE LINE MEDIAN EPOXY
		4-INCH 8-INCH	6-INCH
		WHITE YELLOW	WHITE
		LF LF	LF LF
		23602 3730	197 291
		1897 2376	363
		17550 9601	100
		244 100	100
		27,151 466	10
		28,880 4,273	3,290
		PROJECT TOTAL	621

CONDUIT LOOP DETECTOR
LOOP DETECTOR LEAD IN CABLE
LOOP DETECTOR WIRE

655.0700	655.0800	
CONDUIT LOOP	CONDUIT LOOP	LOOP
DETECTOR	DETECTOR	DETECTOR
LEAD IN CABLE	LEAD IN CABLE	WIRE
L.F.	L.F.	L.F.
850	3,450	4,000
TOTALS	850	3,450
		4,000

SURVEY PROJECT 2818-03-73

SPV.0105.06
LS

LOCATION
PROJECT 2818-00-73 1

PROJECT TOTAL 1

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SAWING

STREET	STATION	TO STATION	690.0150		690.0250	
			SAWING ASPHALT	LF	SAWING CONCRETE	LF
CTH H	8+26	-	878	0		
CTH H	116+00	197+47	1,152	575		
		PROJECT TOTAL	2,030	575		

CATEGORY 0010 UNLESS OTHERWISE NOTED

IH 41 EAST FRONTAGE ROAD & STH 11
 ALL ITEMS ARE CATEGORY 0010 UNLESS
 OTHERWISE NOTED

SHEET REMOVED

Addendum No. 01
 ID 2818-00-73
 Deleted Sheet 120
 March 9, 2018



TEMPORARY TRAFFIC SIGNALS
 IH 41 EAST FRONTAGE ROAD & STH 11

LOCATION	LS	SPV, 0105.03 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS	SPV, 0105.03 TEMPORARY EVP SYSTEM	SPV, 0105.13 TEMPORARY RADAR/MICROWAVE VEHICLE DETECTION SYSTEM	LS
IH 41 EAST FRONTAGE ROAD & STH 11	1	1	1	1	1
TOTAL	1	1	1	1	1

3

3

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 Revised Sheet 236
 March 9, 2018

STATION		Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	Cut	Salvaged/Unusable Pavement Material	Fill	Cut 1.00 Note 1	Expanded Fill 1.11	Note 8
08+50.00			10	0	6	0	0	0	0	0	0
09+00.00		50	14	0	1	22	0	6	22	7	15
09+50.00		50	0	0	14	13	0	14	35	22	12
10+00.00		50	90	0	0	83	0	13	118	37	81
10+50.00		50	47	0	21	127	0	20	244	59	186
11+00.00		50	46	0	0	85	0	20	330	80	250
11+50.00		50	38	0	0	77	0	0	407	80	327
12+00.00		50	32	0	0	65	0	0	472	81	391
12+50.00		50	20	0	0	48	0	0	520	81	439
13+00.00		50	16	0	0	33	0	0	553	82	471
13+50.00		50	14	0	0	28	0	1	581	82	499
14+00.00		50	15	0	1	26	0	1	607	83	524
14+50.00		50	21	0	1	33	0	2	640	85	555
15+00.00		50	22	0	1	40	0	2	680	88	592
15+50.00		50	21	0	0	40	0	1	719	88	631
16+00.00		50	19	0	0	37	0	0	756	89	668
16+50.00		50	17	0	0	34	0	0	790	89	701
Column totals			790	0	80						

STATION		Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Salvaged/Unusable Pavement Material	Fill	Cut	Salvaged/Unusable Pavement Material	Fill	Cut 1.00 Note 1	Expanded Fill 1.11	Note 8
36+41.00			10	0	4	0	0	0	0	0	0
36+69.00		28	9	0	3	10	0	4	0	0	6
37+41.00		72	10	0	5	26	0	11	26	12	20
37+66.00		25	12	0	14	10	0	9	36	21	21
37+94.00		28	12	0	20	12	0	18	48	41	13
Column totals			58	0	41						

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 ID 2818-00-73
 Added Sheet 236A
 March 9, 2018

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
		Cut	Salvaged/Unusable Pavement Material	Fill	Cut	Salvaged/Unusable Pavement Material	Fill	Cut 1.00 Note 1	Expanded Fill 1.11	Note 8	
56+00.00		16	0	4	0	0	0	0	0	0	0
56+50.00	50	15	0	5	29	0	8	29	9	20	20
57+00.00	50	13	0	9	26	0	13	55	31	31	31
57+50.00	50	15	0	11	26	0	19	81	44	36	36
58+00.00	50	21	0	14	33	0	23	114	69	45	45
58+50.00	50	23	0	16	41	0	28	155	100	54	54
59+00.00	50	20	0	17	39	0	31	194	135	59	59
59+50.00	50	11	0	21	28	0	36	222	174	48	48
60+00.00	50	11	0	18	20	0	36	243	214	28	28
60+50.00	50	20	0	9	29	0	25	272	242	30	30
61+00.00	50	28	0	5	45	0	13	317	257	60	60
61+50.00	50	20	0	8	45	0	12	362	270	92	92
62+00.00	50	17	0	3	34	0	10	396	281	116	116
62+50.00	50	13	0	33	28	0	33	424	317	107	107
63+00.00	50	56	0	42	64	0	69	488	394	94	94
64+00.00	50	69	0	96	116	0	128	605	536	68	68
64+50.00	50	21	0	16	84	0	103	688	651	37	37
65+00.00	50	25	0	0	43	0	14	731	667	64	64
65+50.00	50	23	0	4	45	0	4	775	671	105	105
66+00.00	50	12	0	5	32	0	9	807	680	127	127
66+50.00	50	7	0	8	17	0	12	825	694	131	131
67+00.00	50	12	0	13	17	0	19	842	715	127	127
67+50.00	50	11	0	13	21	0	24	863	742	121	121
68+00.00	50	8	0	14	17	0	25	880	770	110	110
68+50.00	50	7	0	10	14	0	22	893	795	98	98
69+00.00	50	5	0	16	12	0	24	905	822	83	83
69+50.00	50	8	0	10	12	0	24	917	849	68	68
70+00.00	50	15	0	6	22	0	15	938	866	73	73
70+50.00	50	19	0	6	32	0	12	970	879	91	91
Column totals					970	0	792				

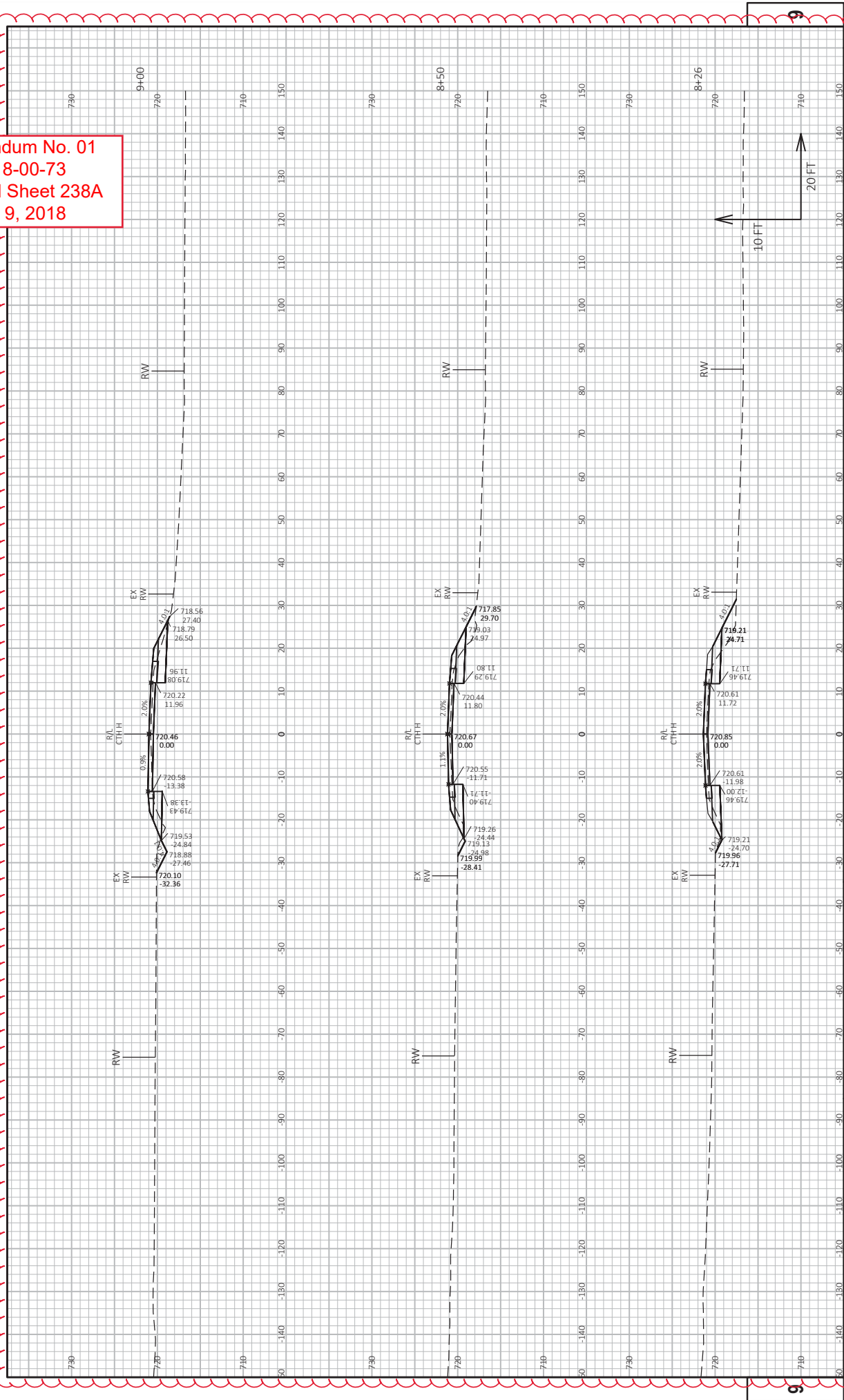
Addendum No. 01
 ID 2818-00-73
 Added Sheet 236B
 March 9, 2018

STATION	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
		Cut	Fill	Cut	Salvaged/Unusable Pavement Material	Fill	Cut 1.00	Expanded Fill 1.11	Note 8	
295+50.00		20	4	0	0	0	0	0	0	0
296+00.00	50	11	4	29	0	8	29	9	20	20
296+50.00	50	11	3	20	0	7	49	16	33	33
297+00.00	50	23	1	31	0	4	80	21	60	60
297+50.00	50	23	2	43	0	3	123	24	100	100
298+00.00	50	26	2	46	0	4	169	28	141	141
298+50.00	50	31	1	53	0	3	222	31	191	191
299+00.00	50	41	4	67	0	4	289	36	253	253
299+50.00	50	18	32	54	0	4	343	73	271	271
300+50.00	100	45	38	117	0	131	460	218	242	242
301+00.00	50	14	7	55	0	42	515	264	251	251
301+50.00	50	24	9	35	0	15	550	281	269	269
302+00.00	50	27	16	48	0	23	598	306	292	292
302+50.00	50	8	4	33	0	18	630	326	304	304
303+00.00	50	3	4	10	0	7	640	334	306	306
303+50.00	50	6	1	8	0	4	649	339	310	310
304+00.00	50	35	0	38	0	1	687	340	347	347
304+50.00	50	48	0	77	0	0	764	340	423	423
305+00.00	50	31	0	73	0	0	837	341	497	497
305+50.00	50	32	0	58	0	0	896	341	555	555
306+00.00	50	26	0	54	0	0	949	341	608	608
306+50.00	50	20	0	43	0	0	992	341	651	651
307+00.00	50	6	0	24	0	0	1016	341	675	675
Column totals				1016	0	307				

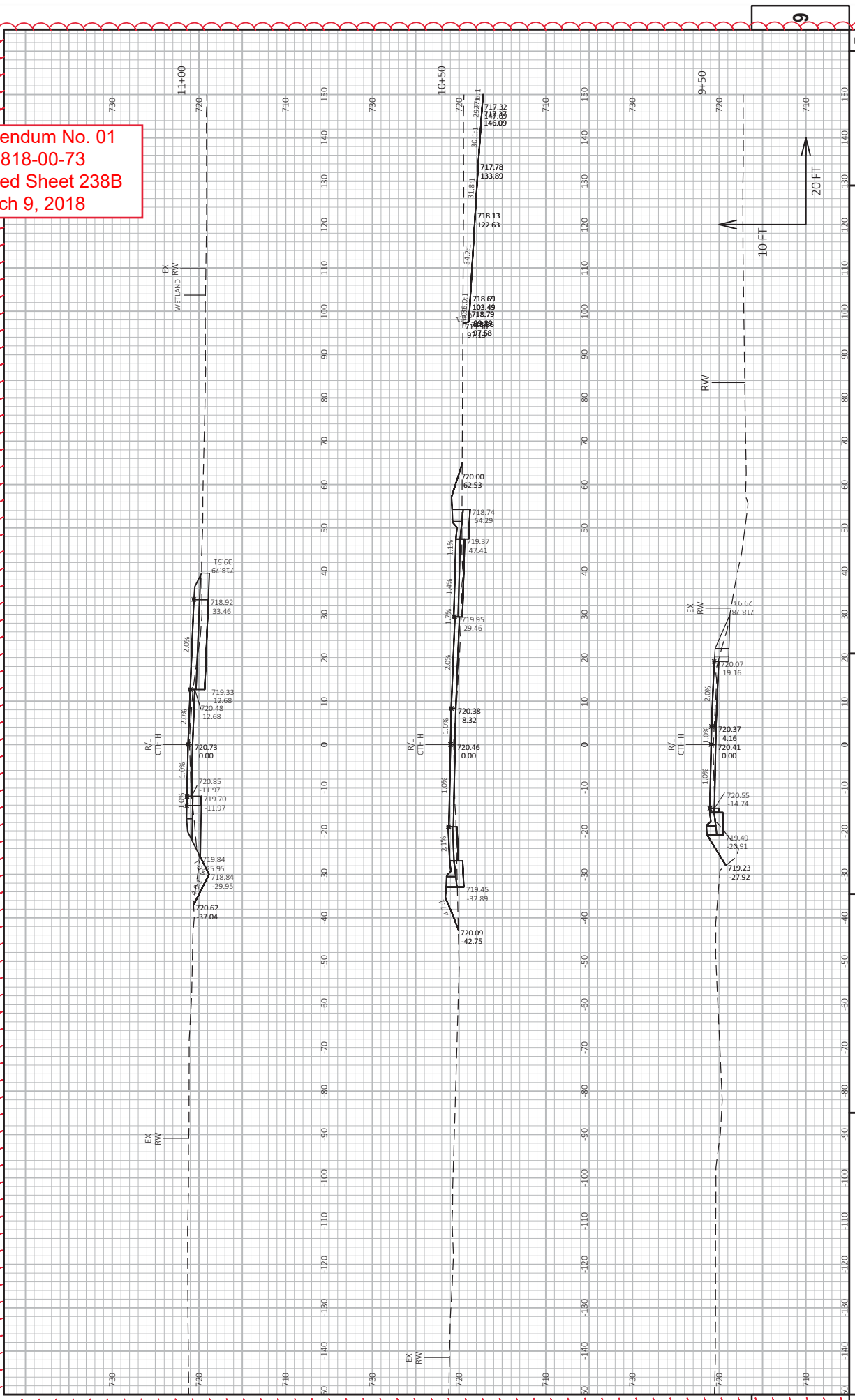
Addendum No. 01
 ID 2818-00-73
 Added Sheet 236C
 March 9, 2018

STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
		Cut	Salvaged/Unusable Pavement Material	Fill	Cut	Salvaged/Unusable Pavement Material	Fill	Cut 1.00 Note 1	Expanded Fill 1.11	Note 8	
501+50.00		6	0	4	0	0	0	0	0	0	0
502+00.00	50	2	0	9	7	0	11	7	13	-5	-5
502+50.00	50	0	0	27	2	0	33	9	49	-39	-39
503+50.00	100	37	0	102	69	0	238	79	313	-234	-234
504+00.00	50	14	0	1	48	0	95	126	418	-292	-292
504+50.00	50	25	0	0	36	0	1	162	420	-257	-257
505+00.00	50	27	0	1	48	0	1	210	420	-210	-210
505+50.00	50	14	0	2	38	0	2	248	423	-174	-174
506+00.00	50	10	0	3	22	0	4	271	427	-157	-157
506+50.00	50	16	0	0	24	0	2	295	430	-135	-135
507+00.00	50	12	0	2	27	0	2	321	432	-110	-110
507+50.00	50	12	0	1	23	0	2	344	434	-90	-90
Column totals											
					344	0	391				

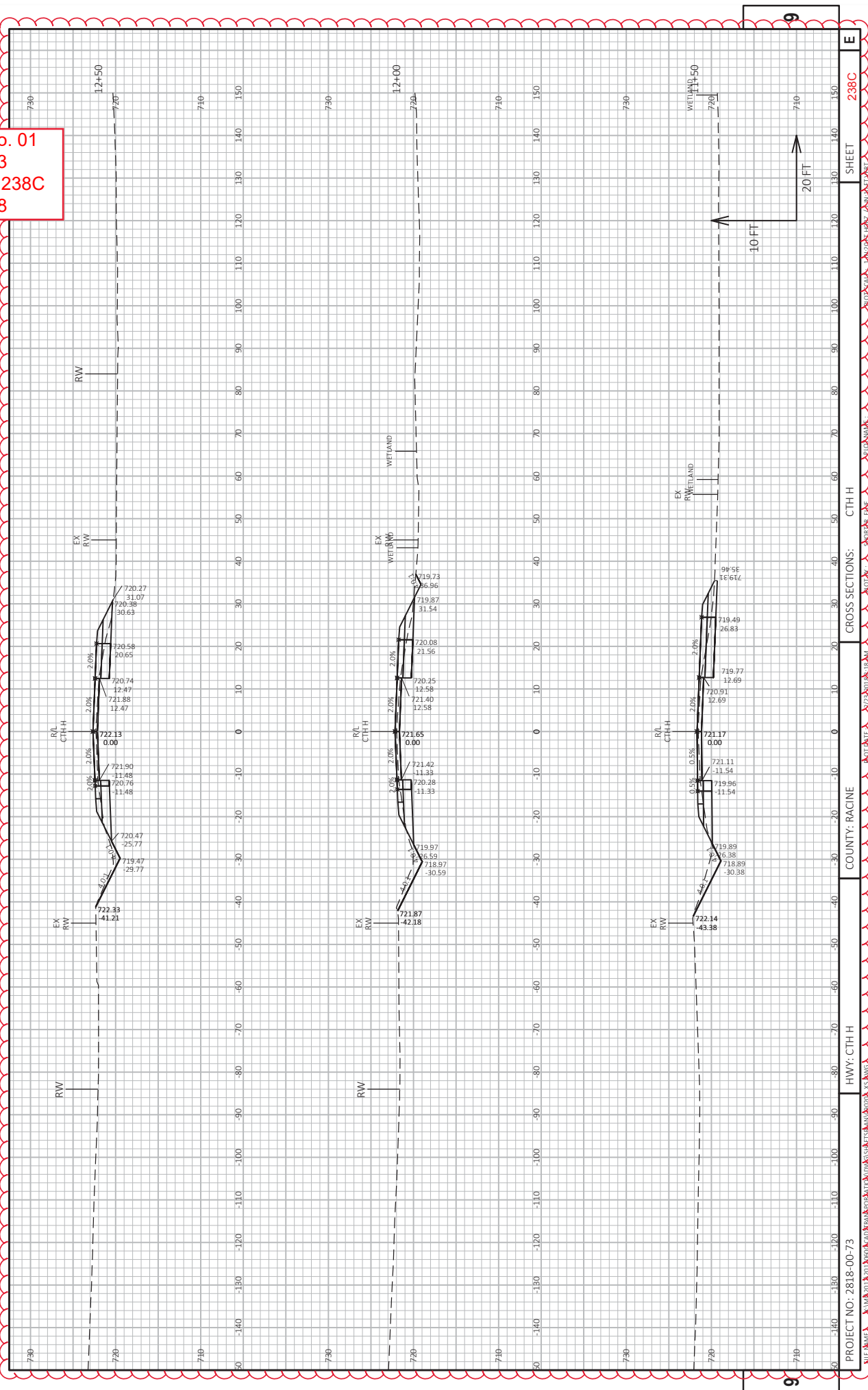
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238A
 March 9, 2018



Addendum No. 01
 ID 2818-00-73
 Added Sheet 238B
 March 9, 2018

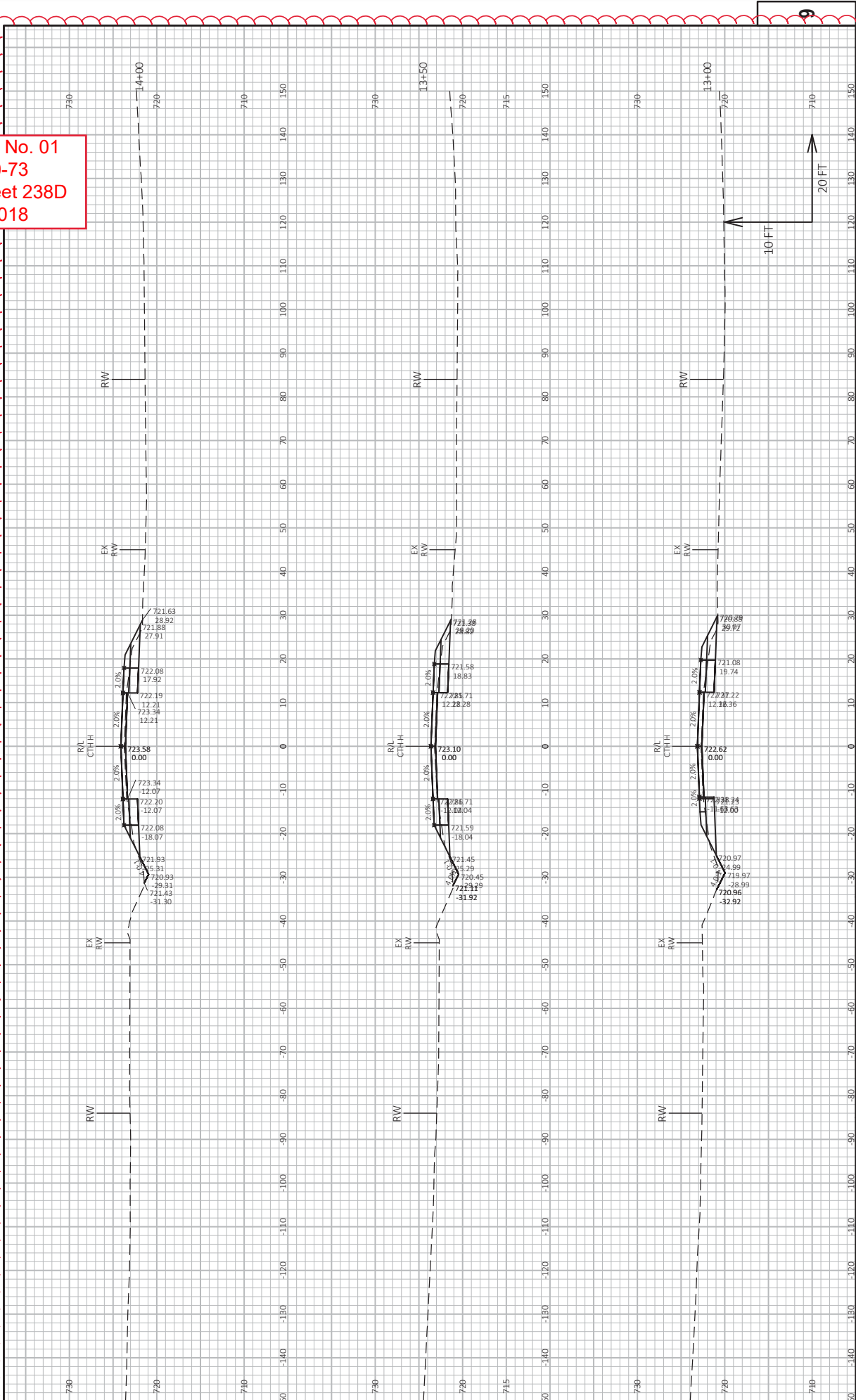


Addendum No. 01
 ID 2818-00-73
 Added Sheet 238C
 March 9, 2018

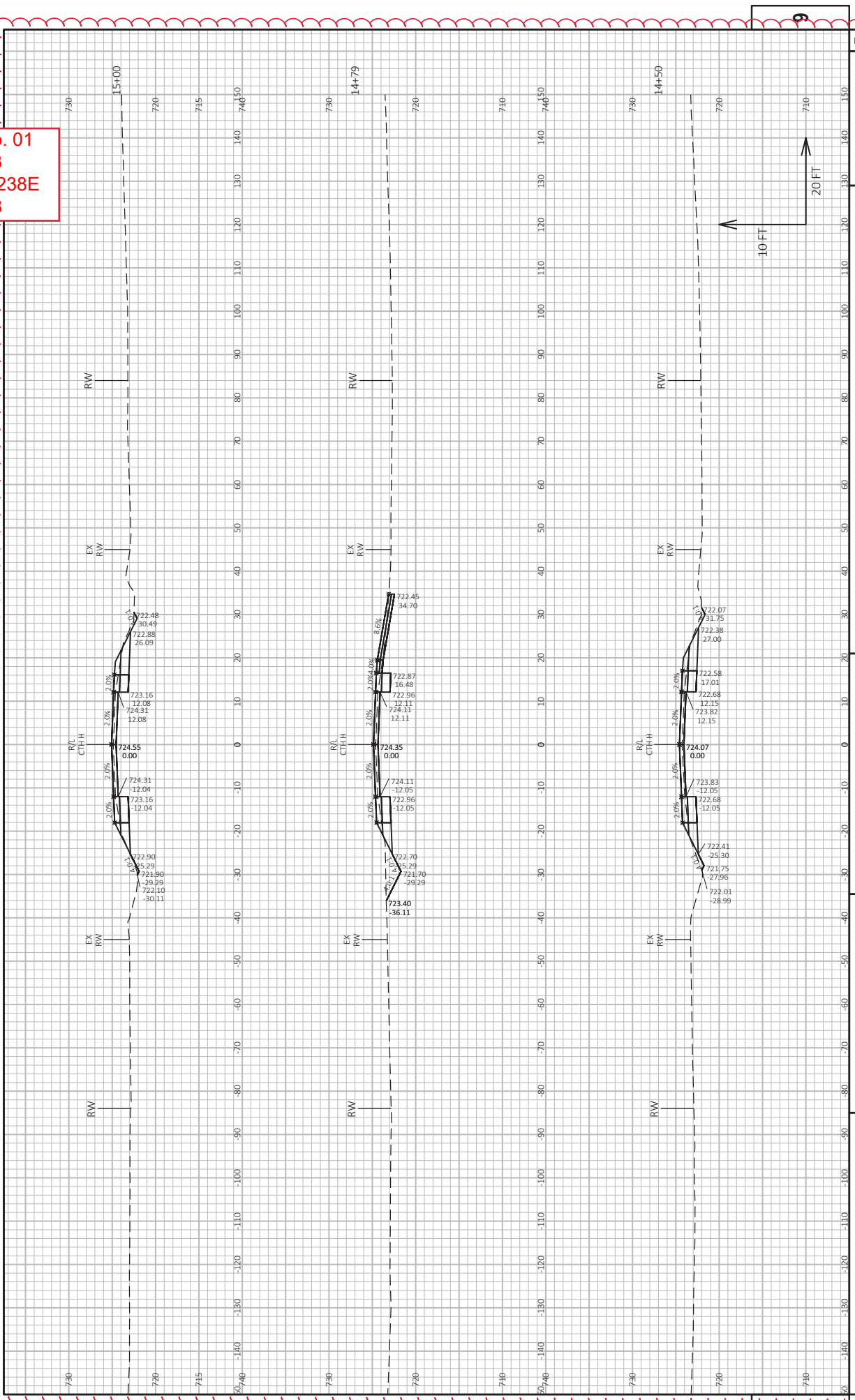


PROJECT NO: 2818-00-73
 COUNTY: RACINE
 HWY: CTH H
 CROSS SECTIONS: CTH H
 SHEET 238C
 E

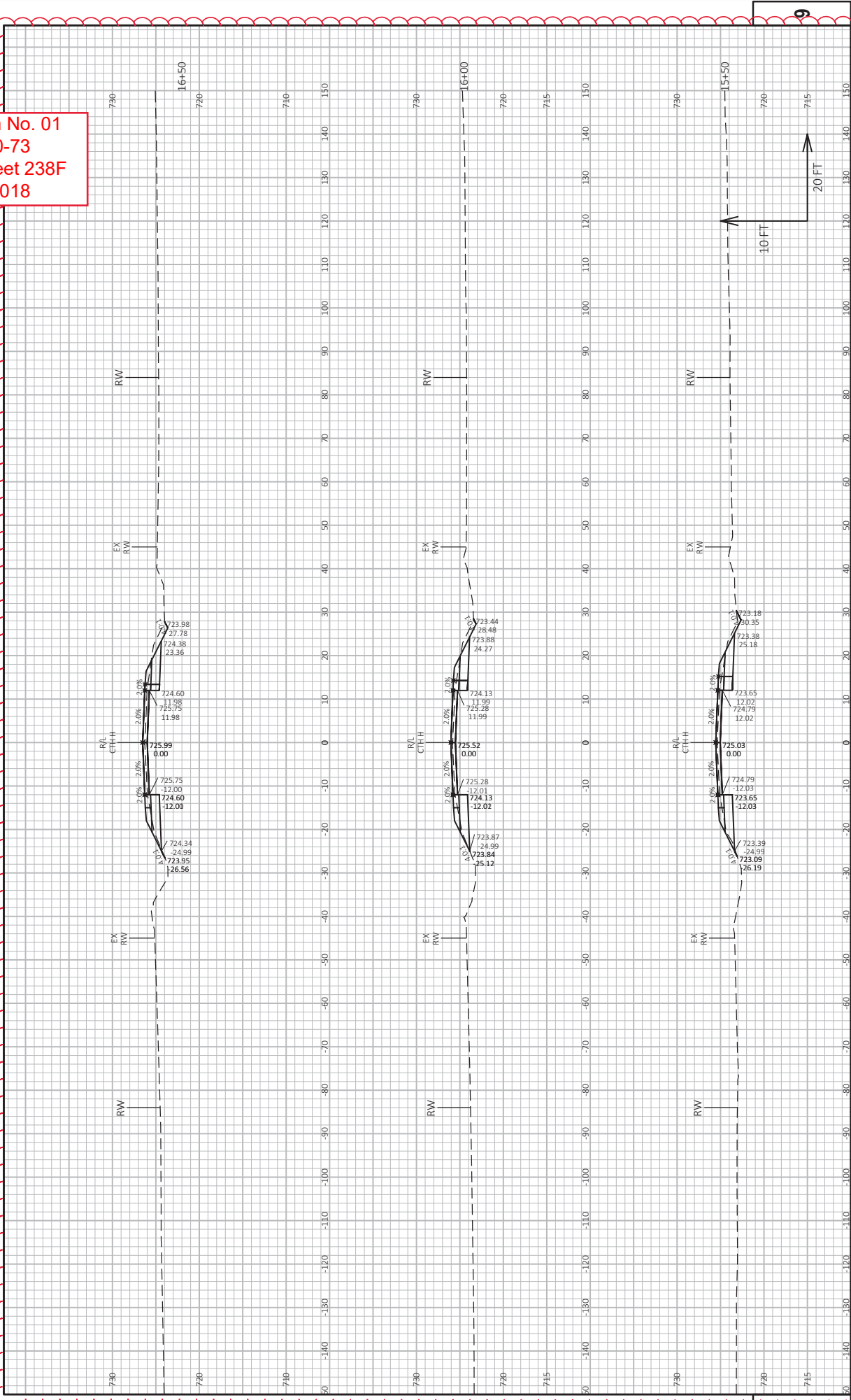
Addendum No. 01
ID 2818-00-73
Added Sheet 238D
March 9, 2018



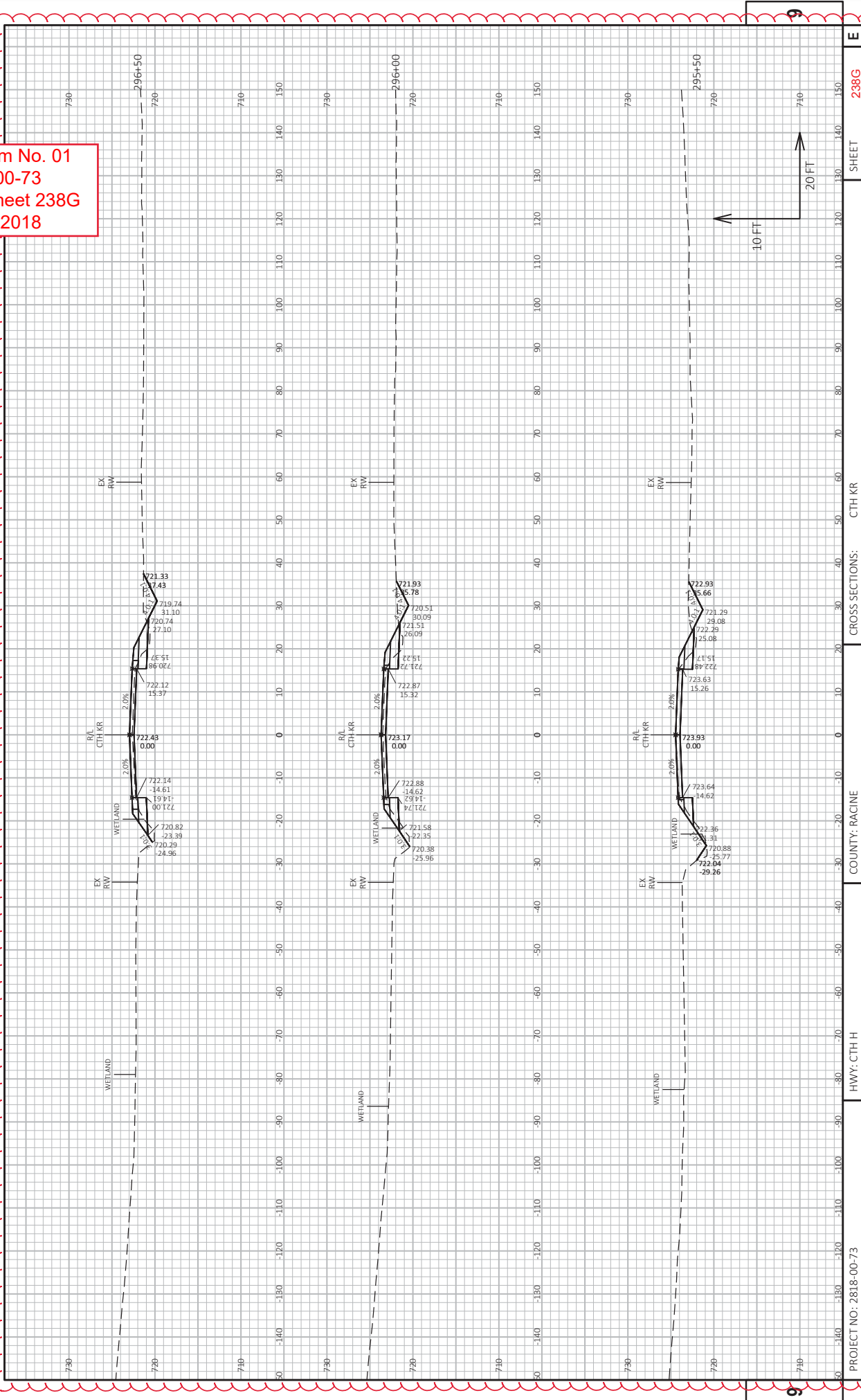
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238E
 March 9, 2018



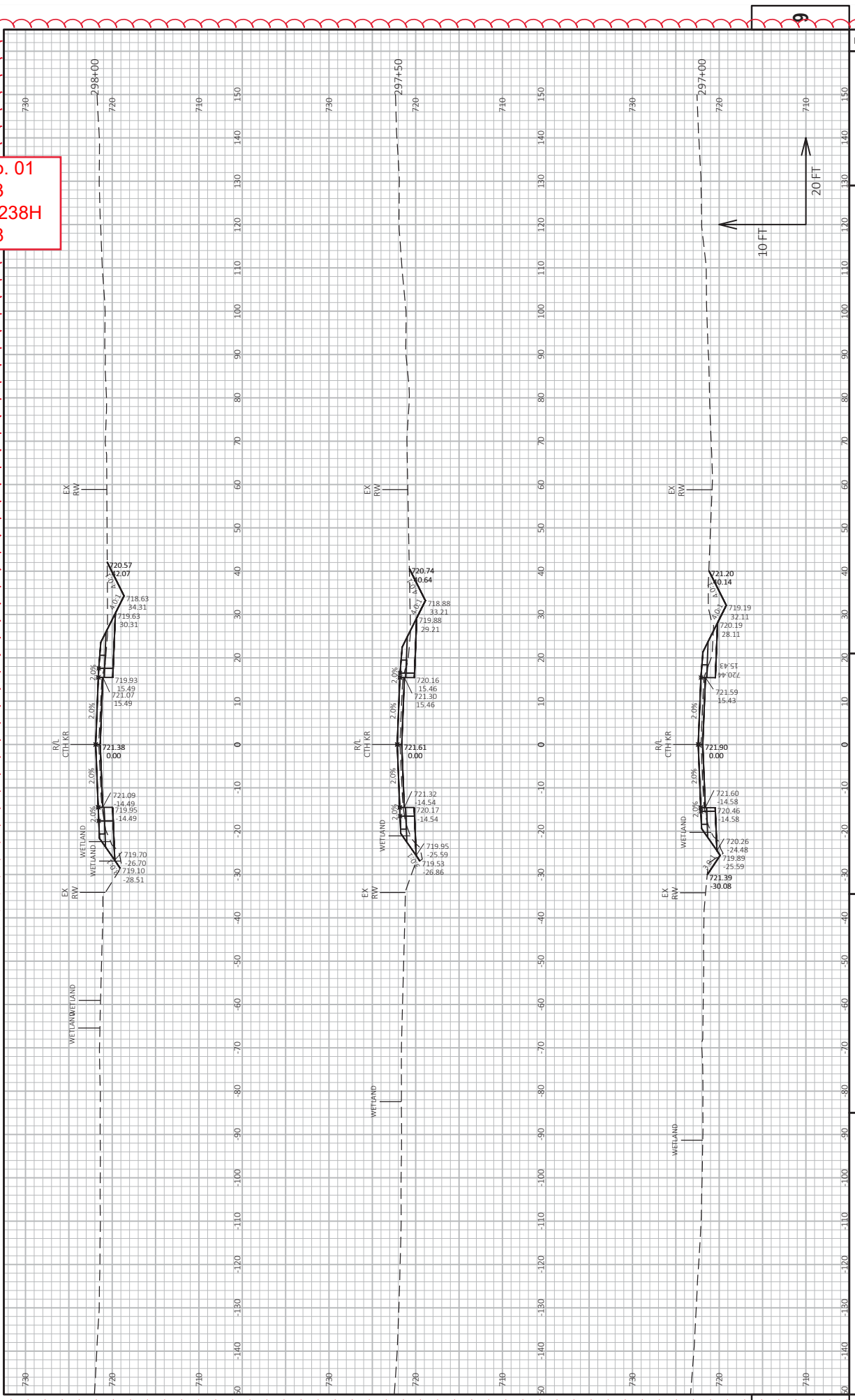
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238F
 March 9, 2018



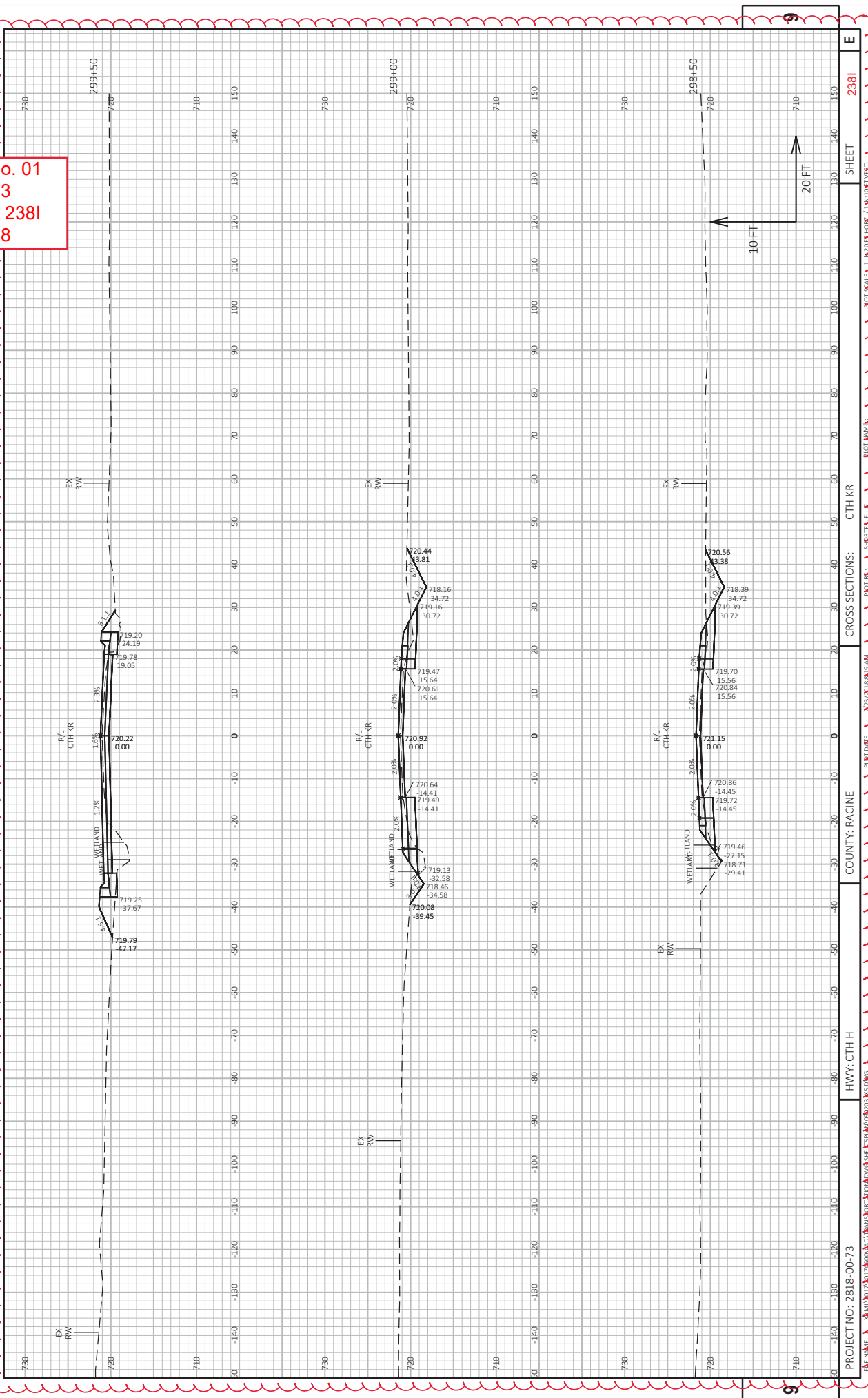
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238G
 March 9, 2018



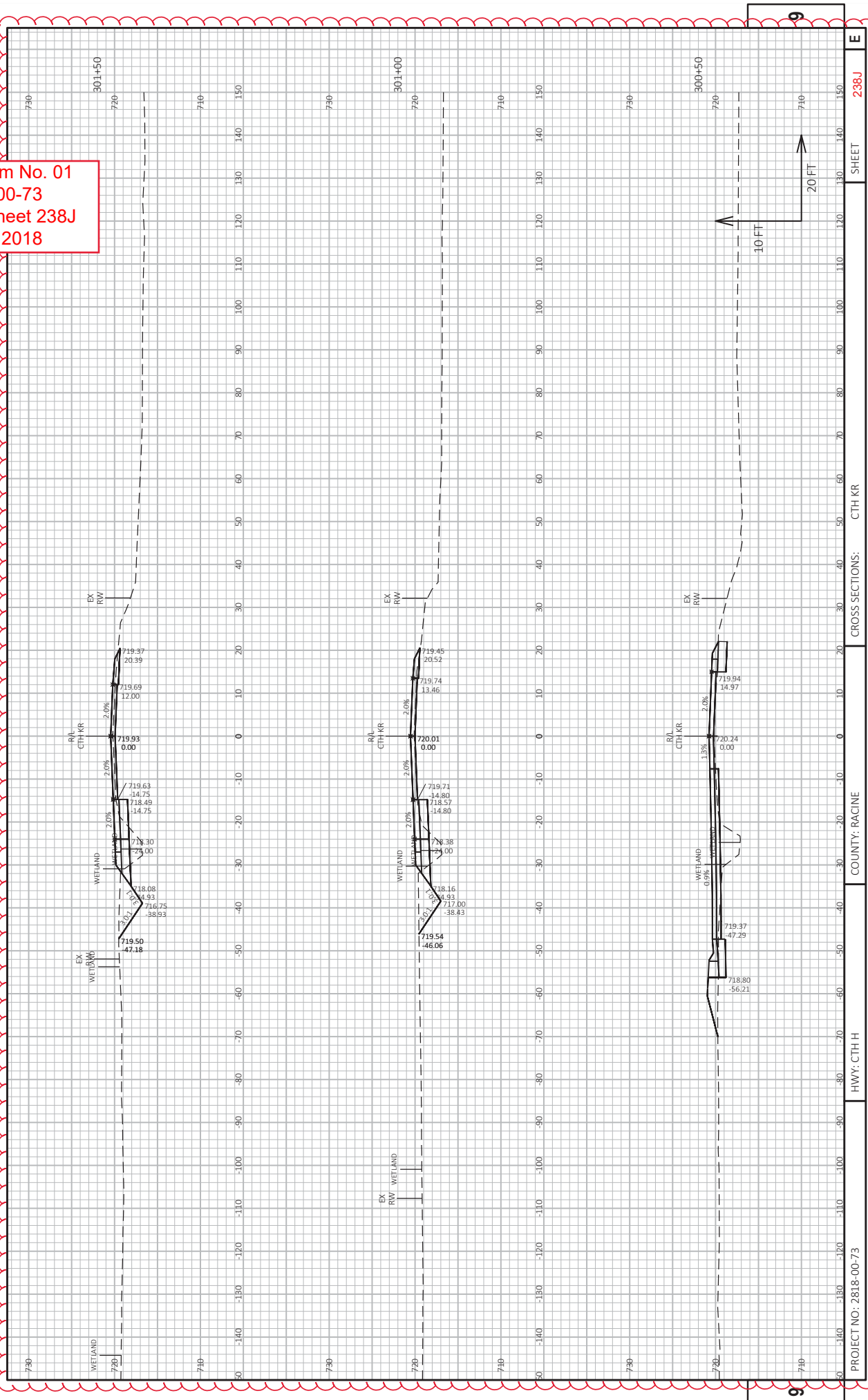
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238H
 March 9, 2018



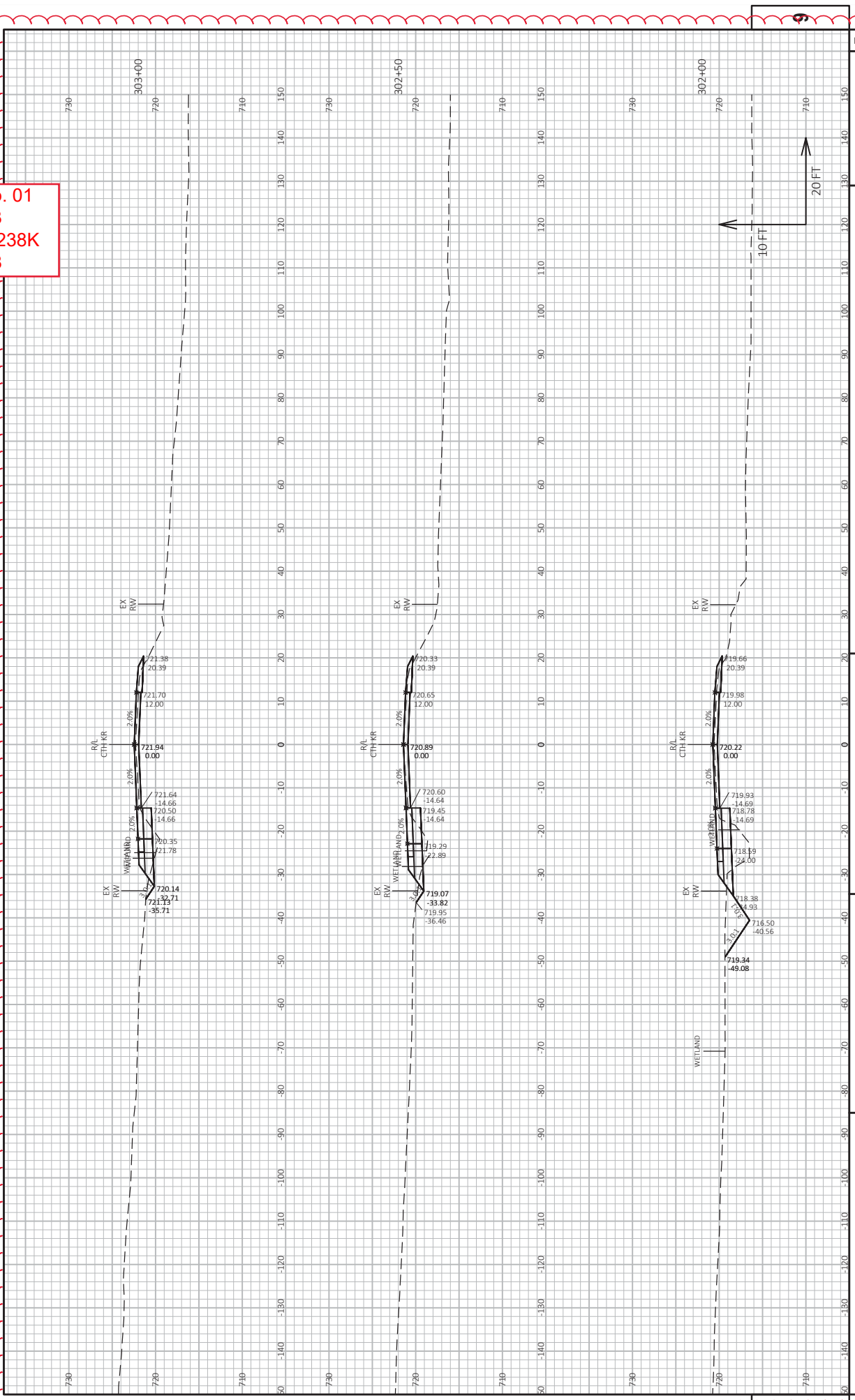
Addendum No. 01
 ID 2818-00-73
 Added Sheet 2381
 March 9, 2018



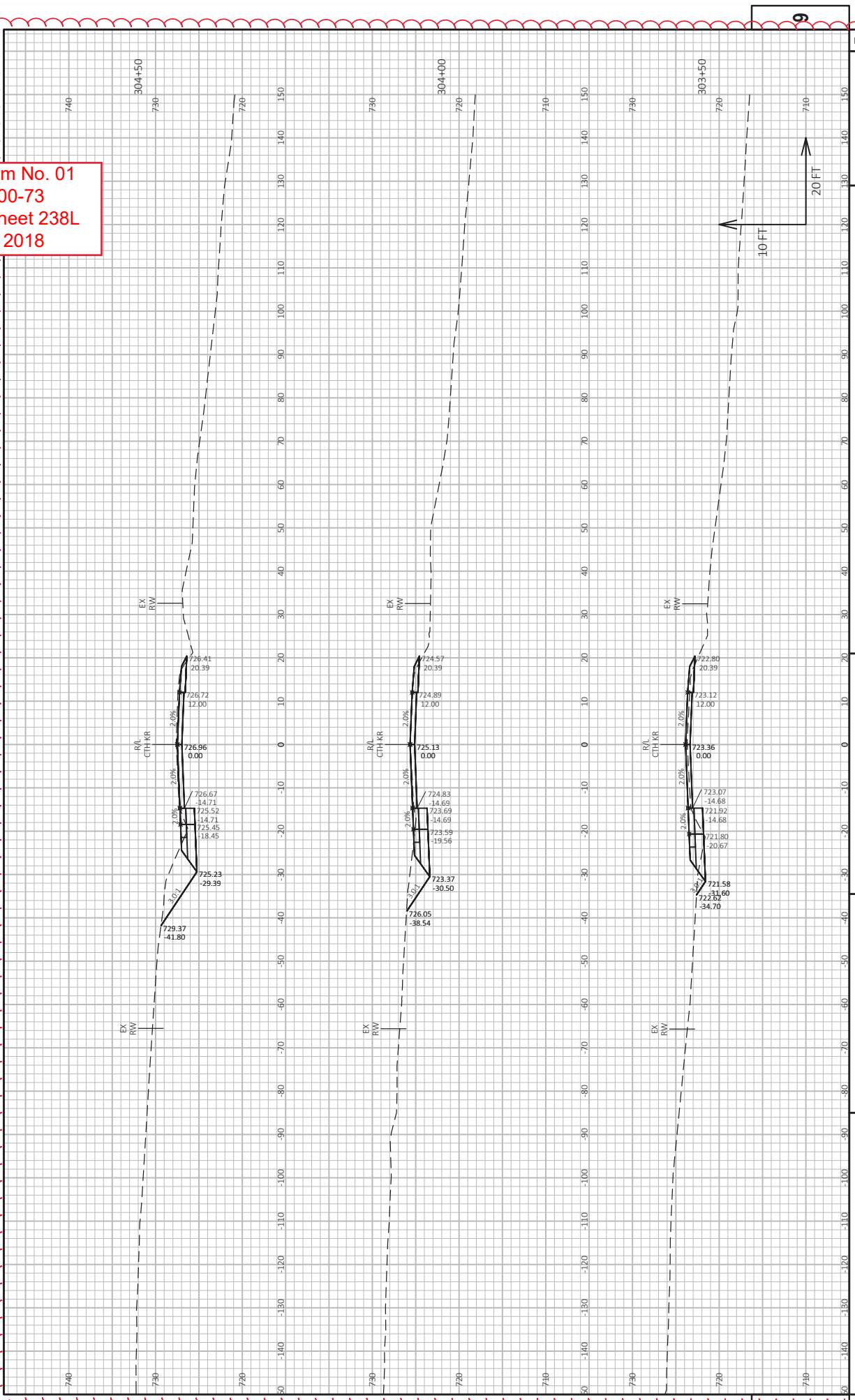
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238J
 March 9, 2018



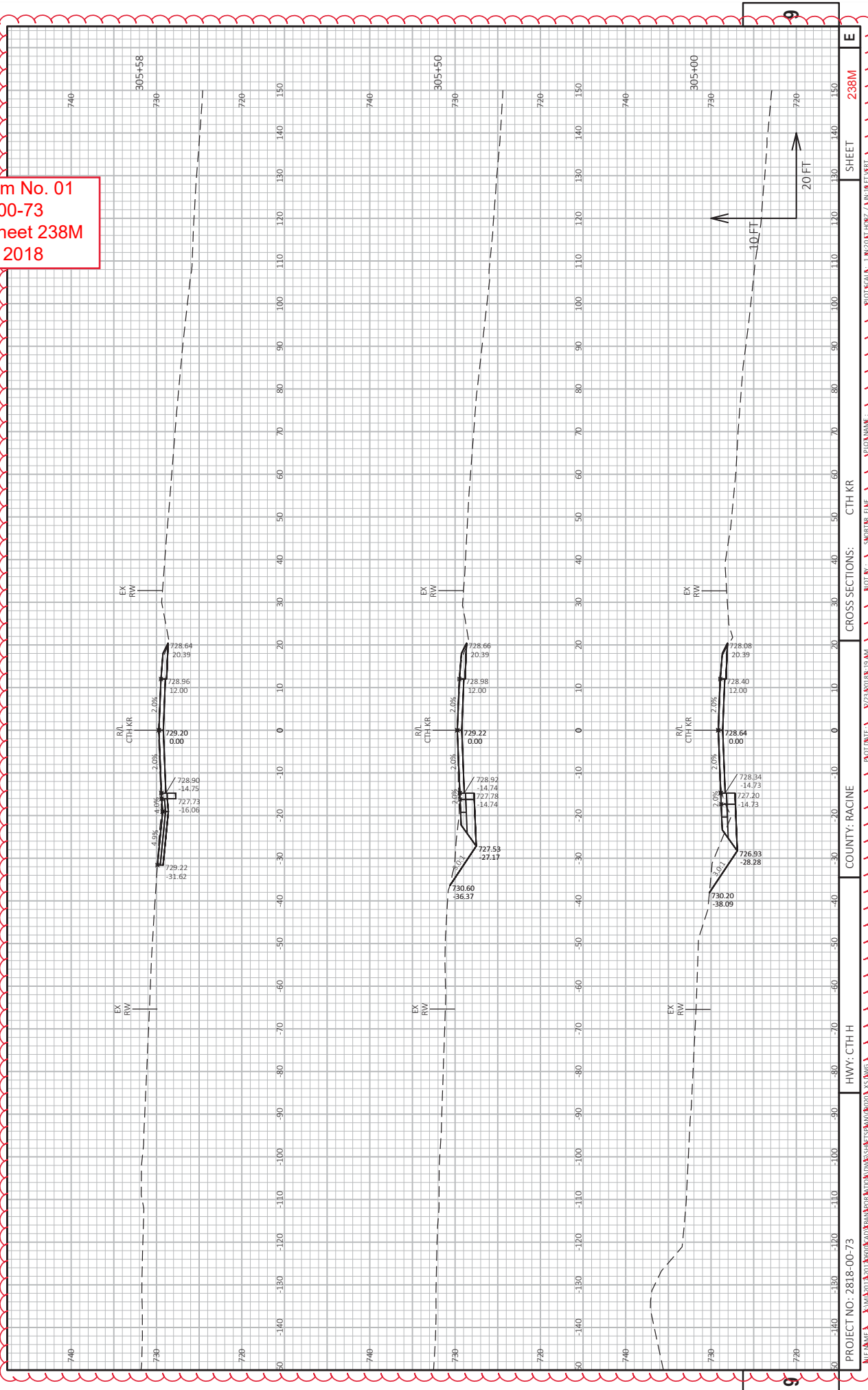
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238K
 March 9, 2018



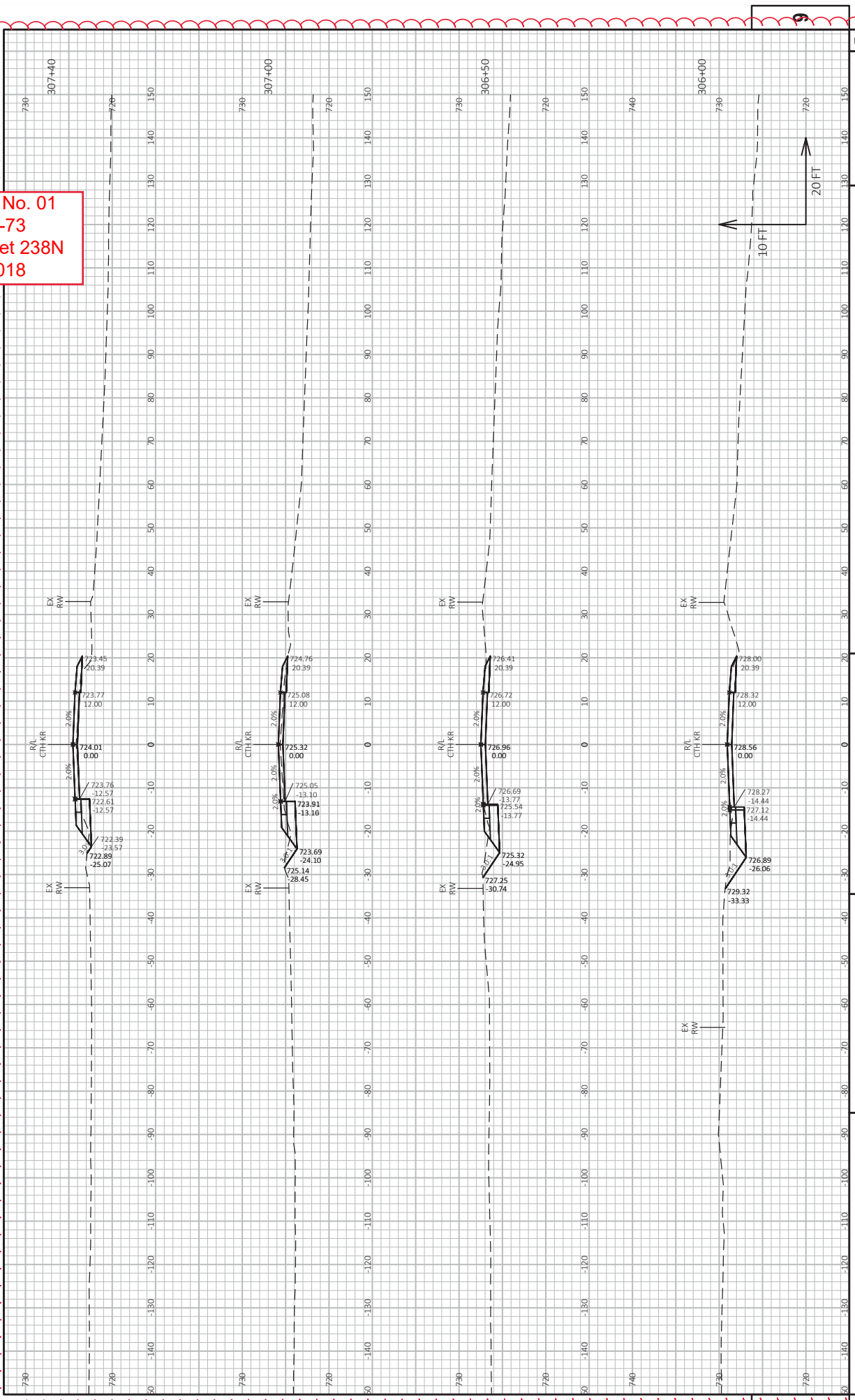
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238L
 March 9, 2018



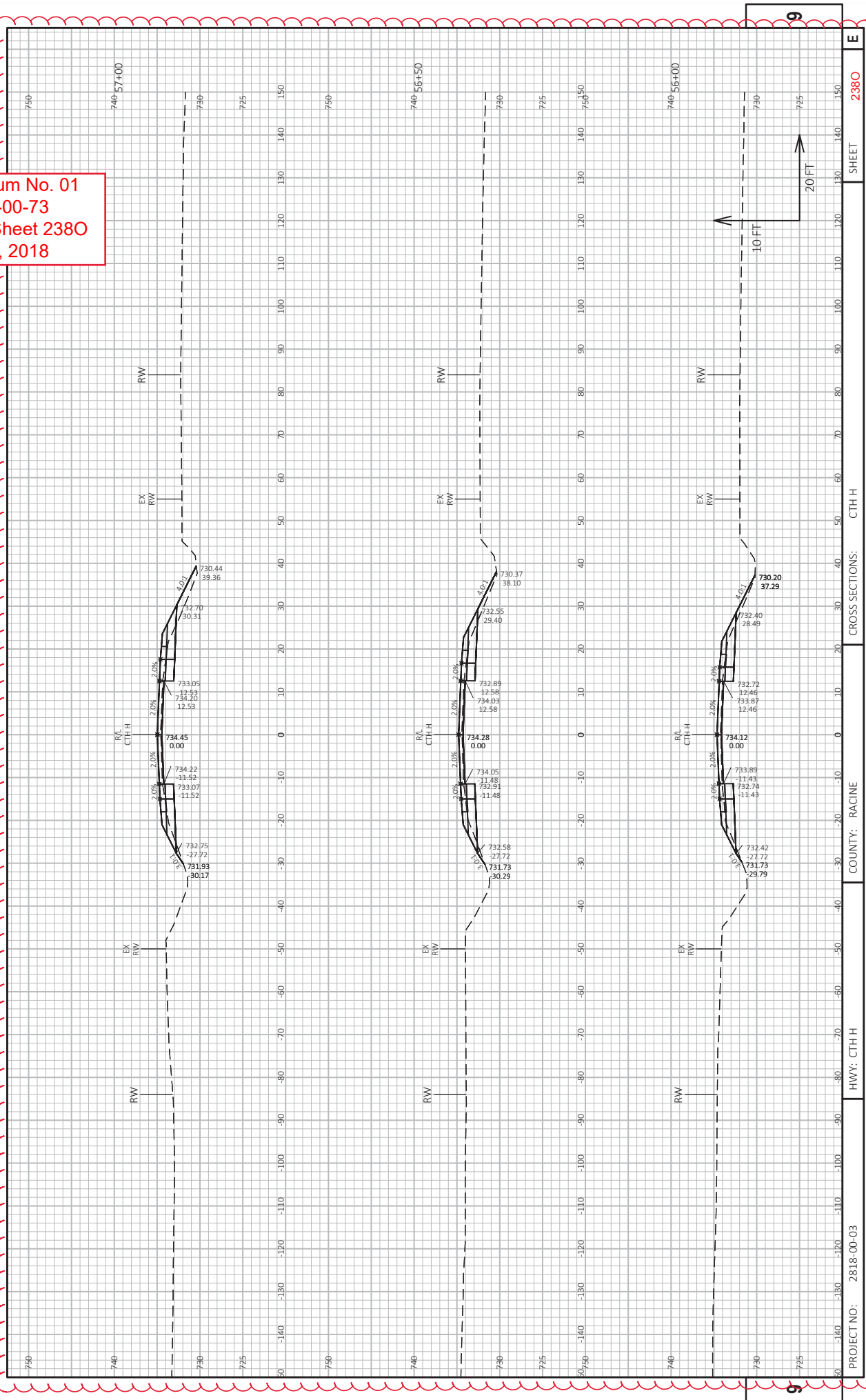
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238M
 March 9, 2018



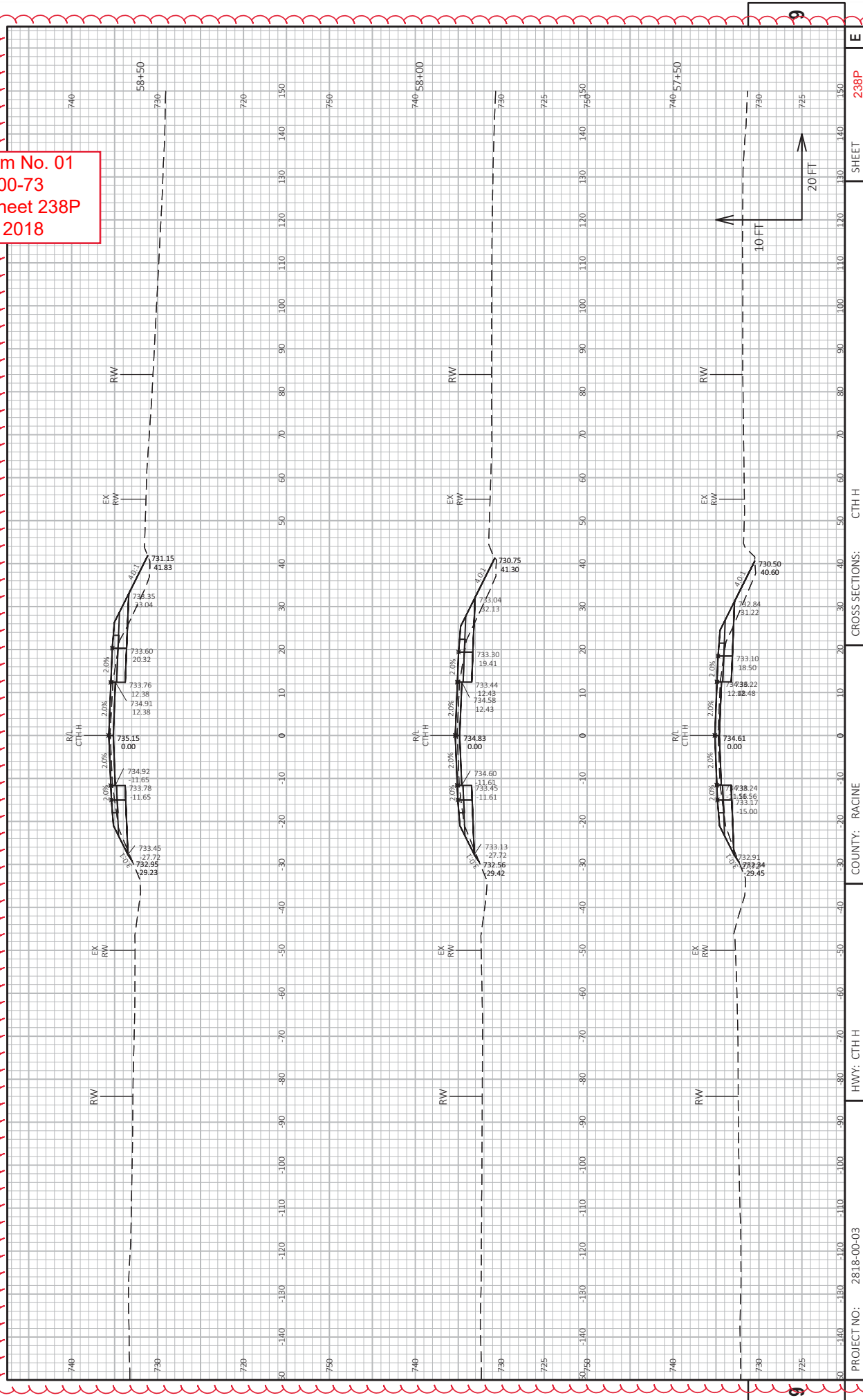
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238N
 March 9, 2018



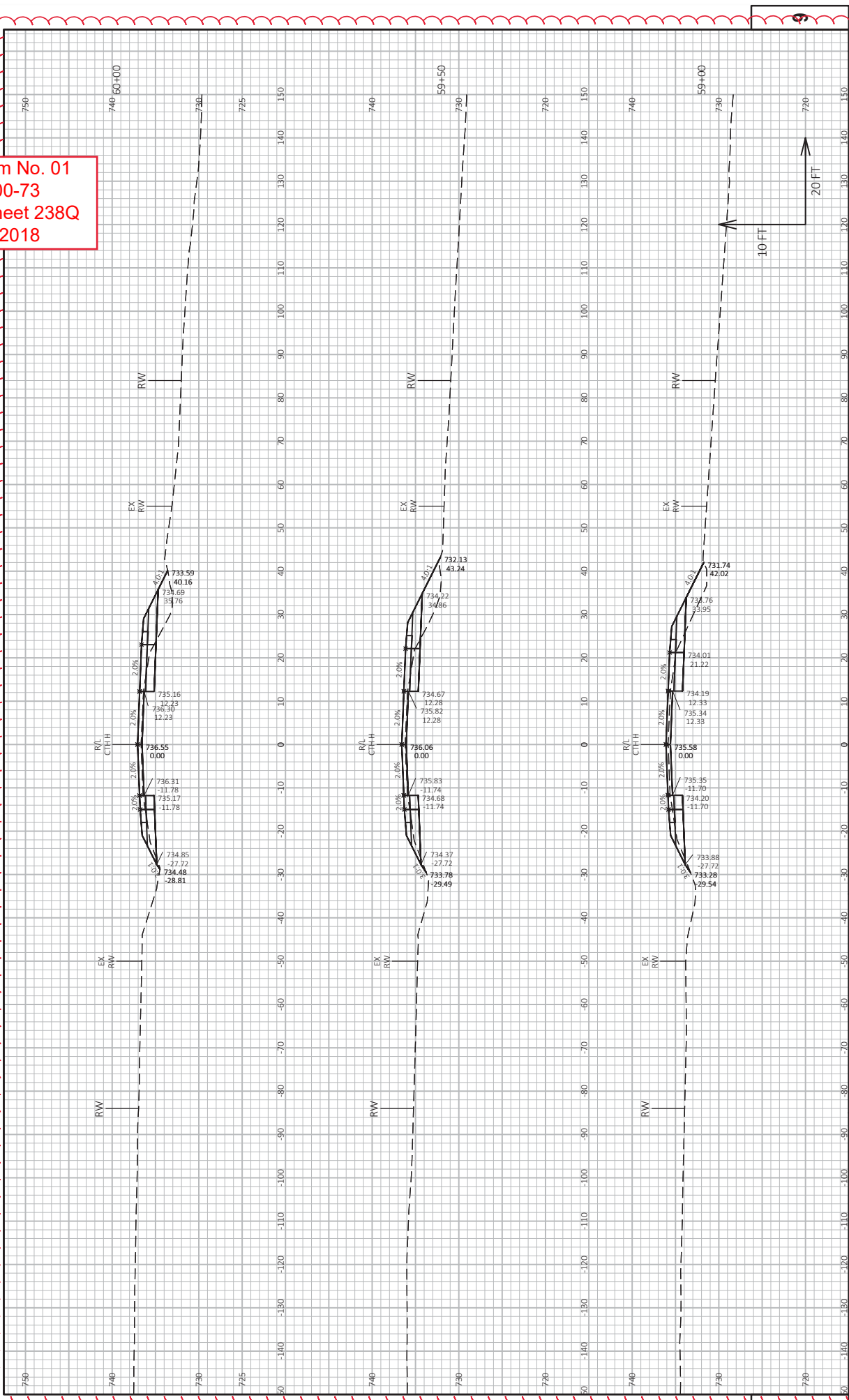
Addendum No. 01
 ID 2818-00-73
 Added Sheet 2380
 March 9, 2018



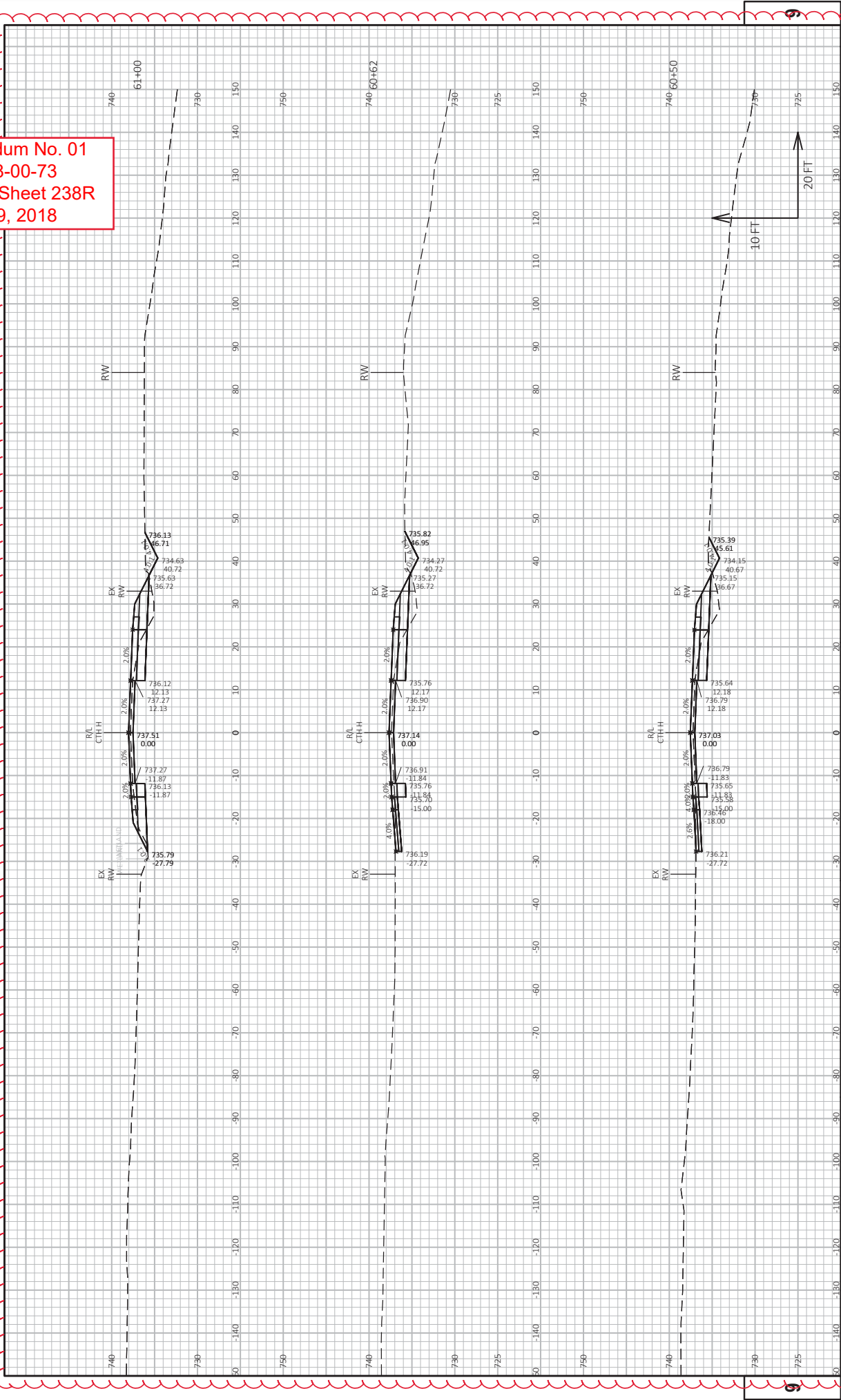
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238P
 March 9, 2018



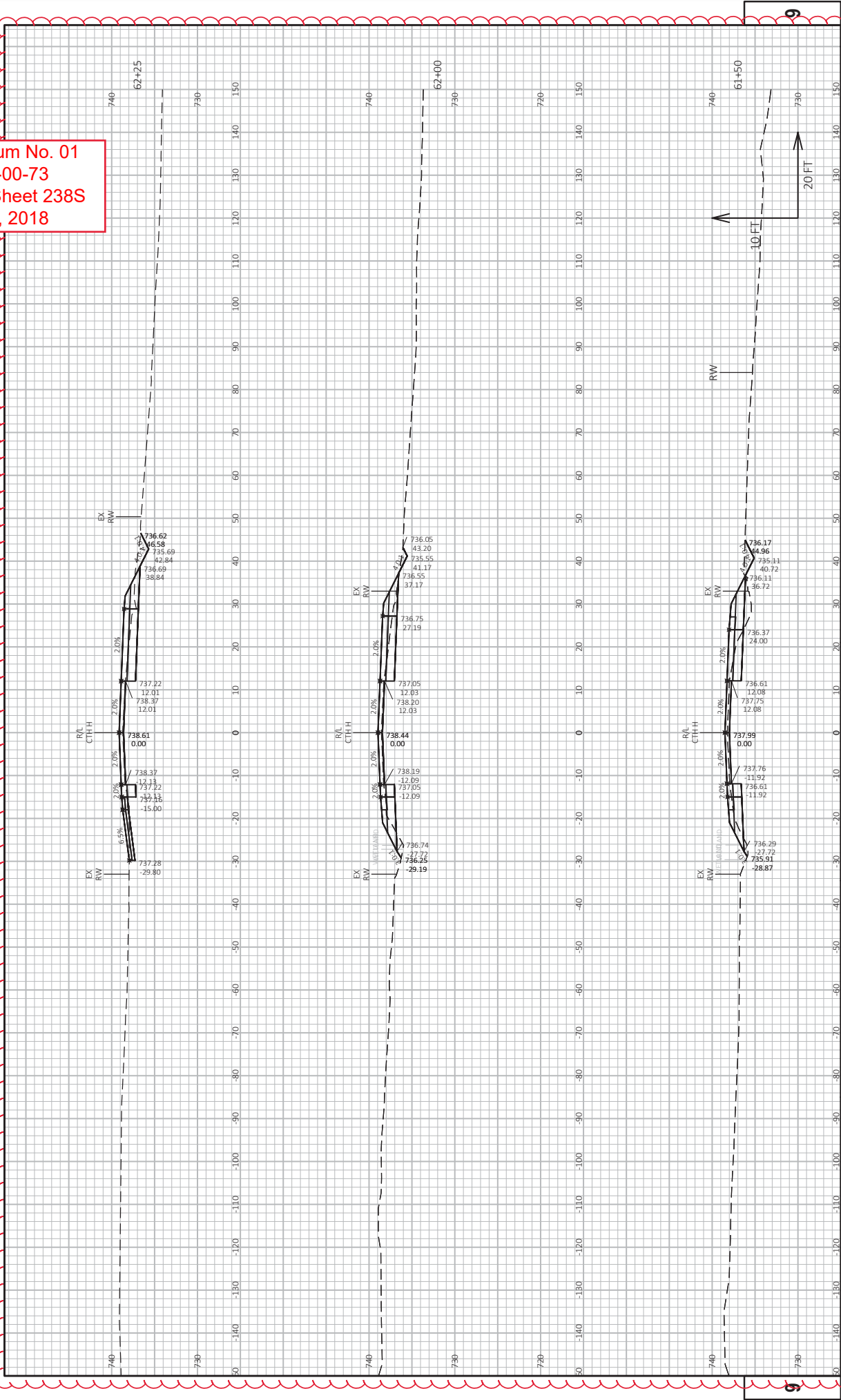
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238Q
 March 9, 2018



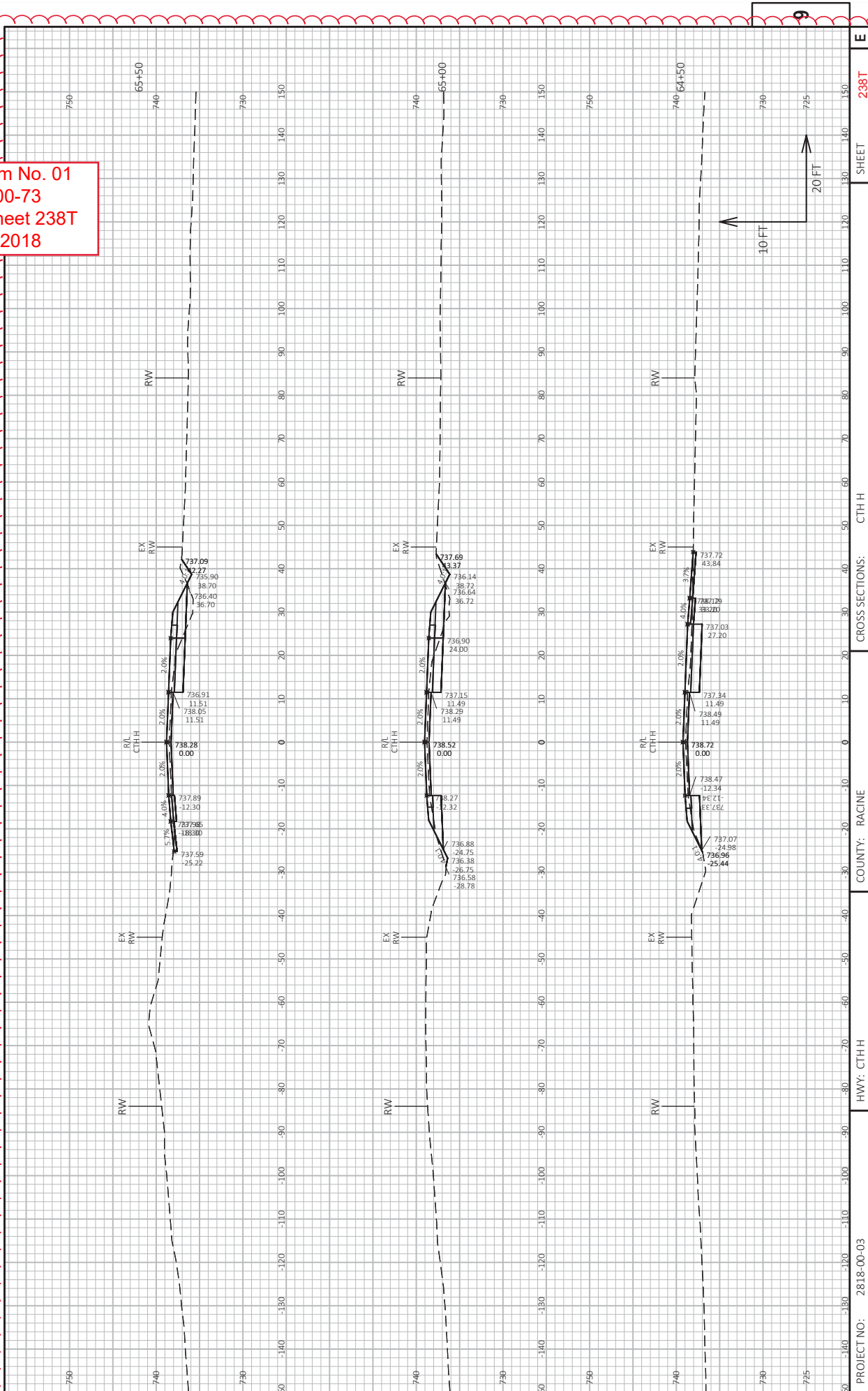
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238R
 March 9, 2018



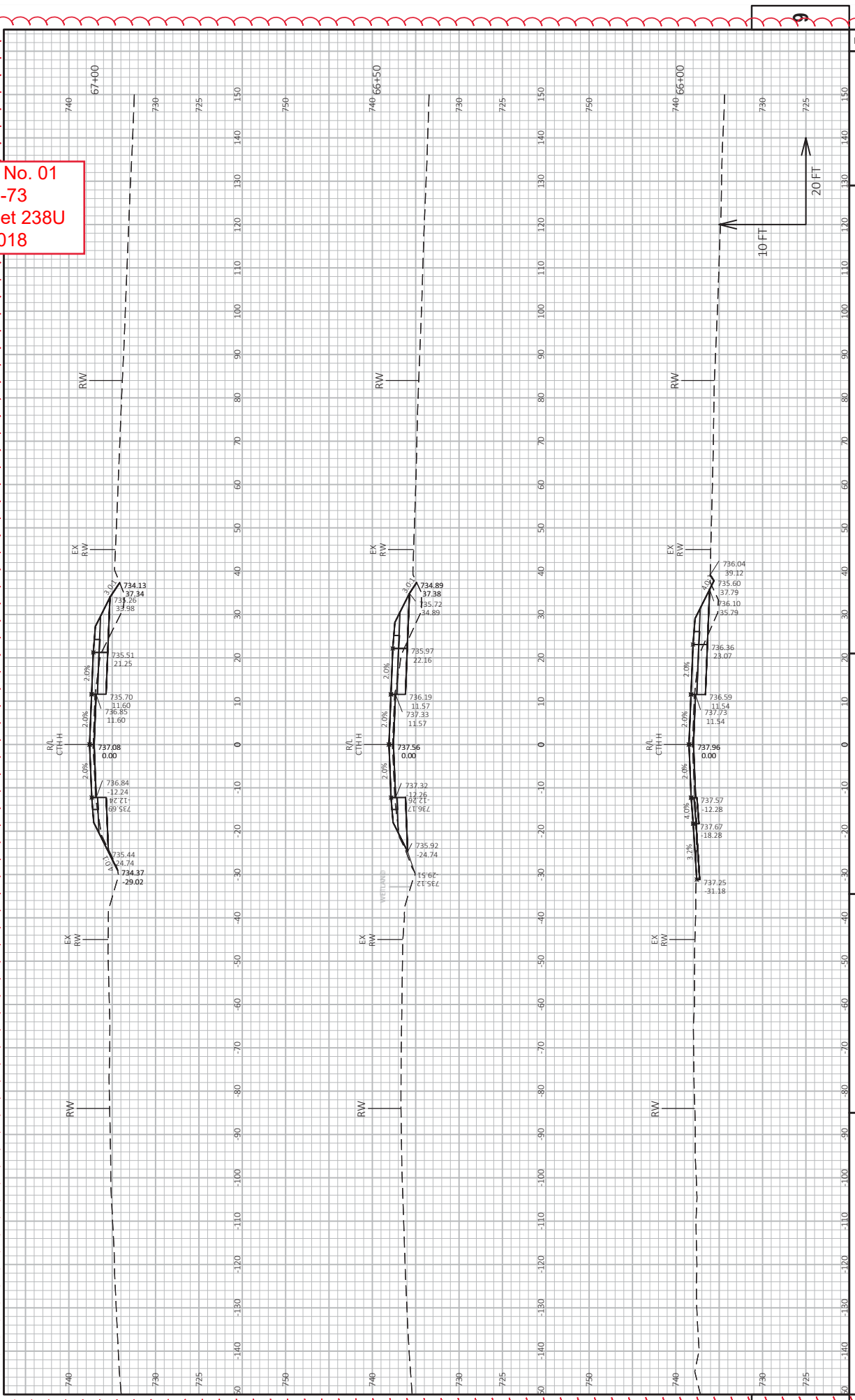
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238S
 March 9, 2018



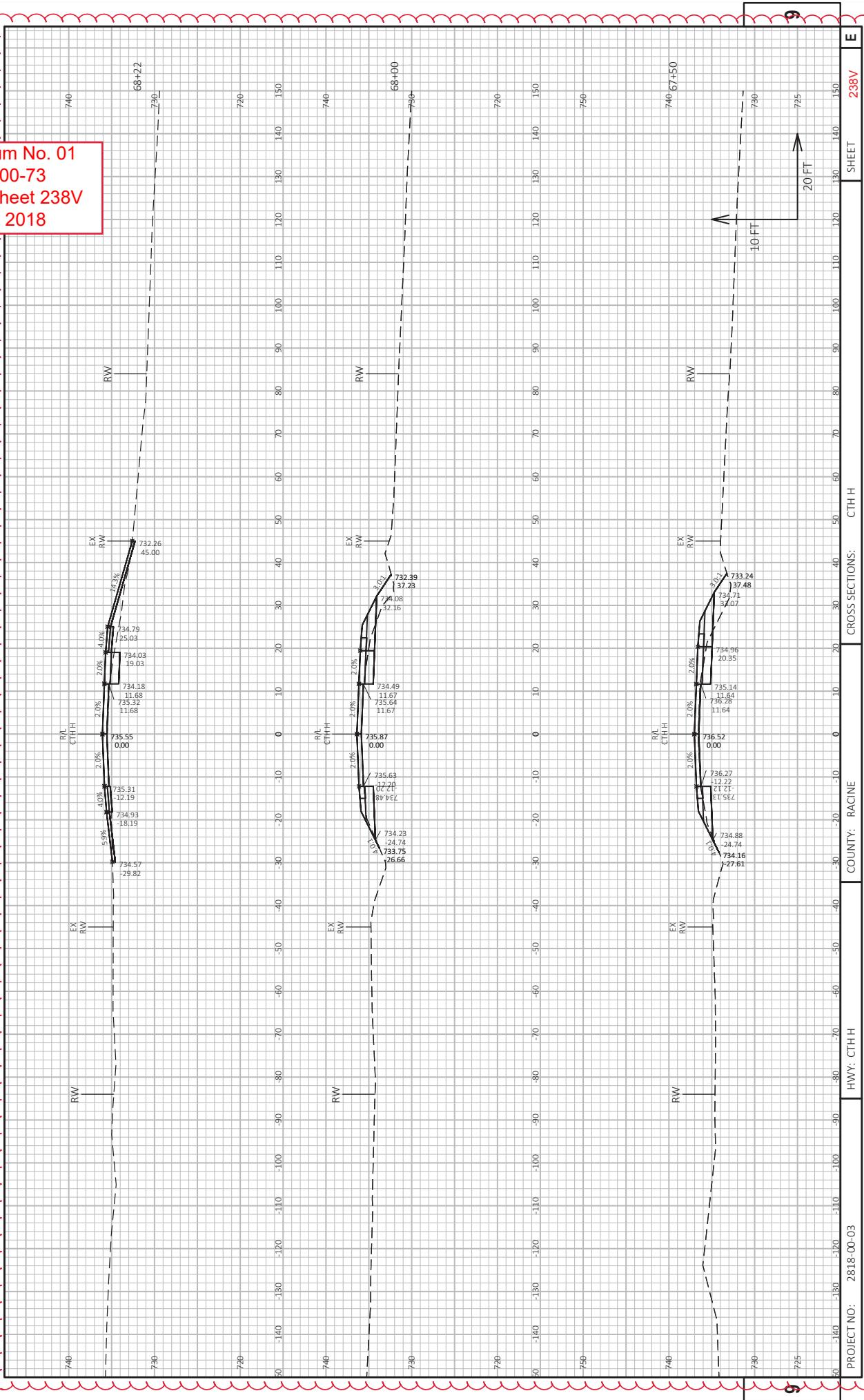
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238T
 March 9, 2018



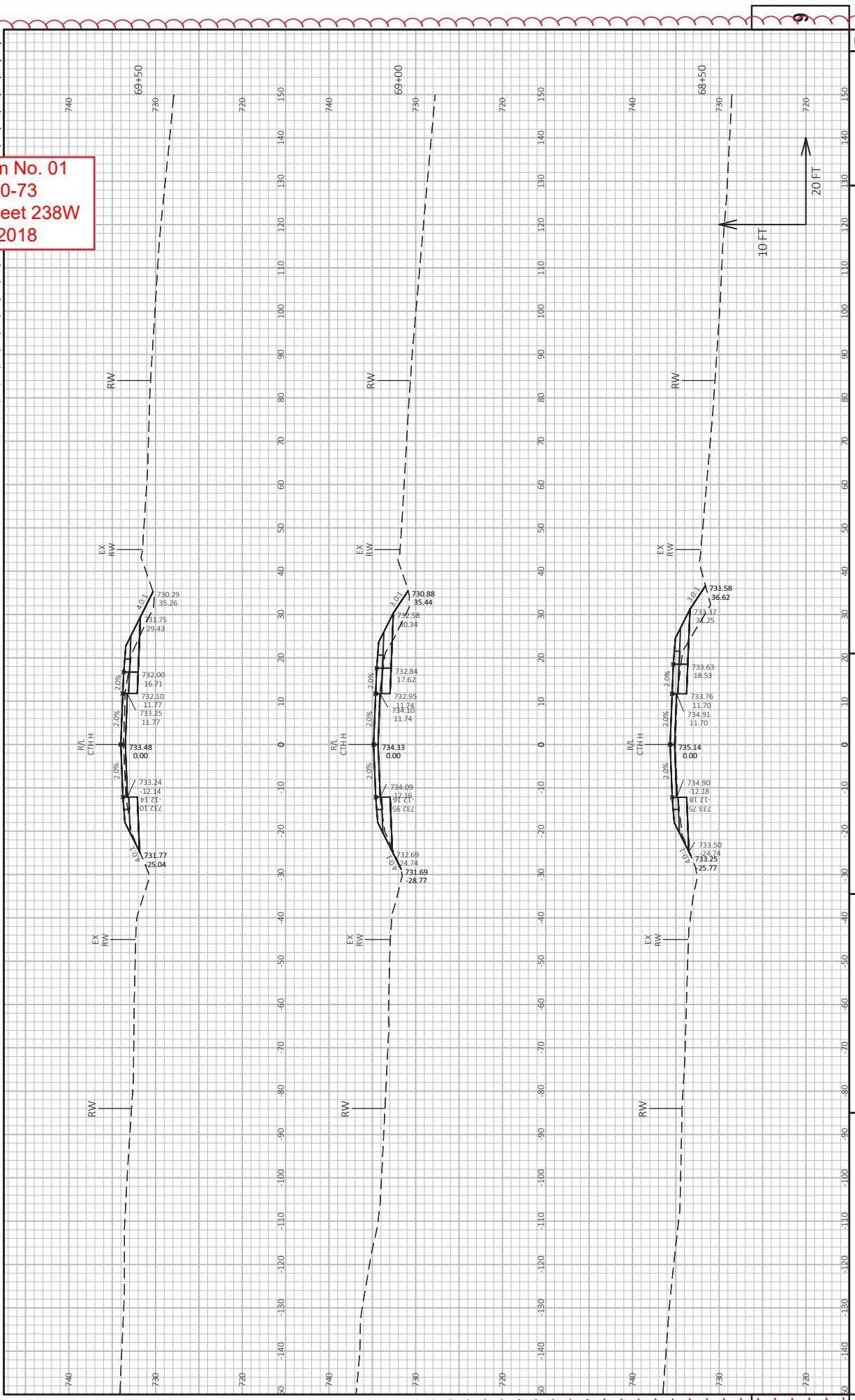
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238U
 March 9, 2018



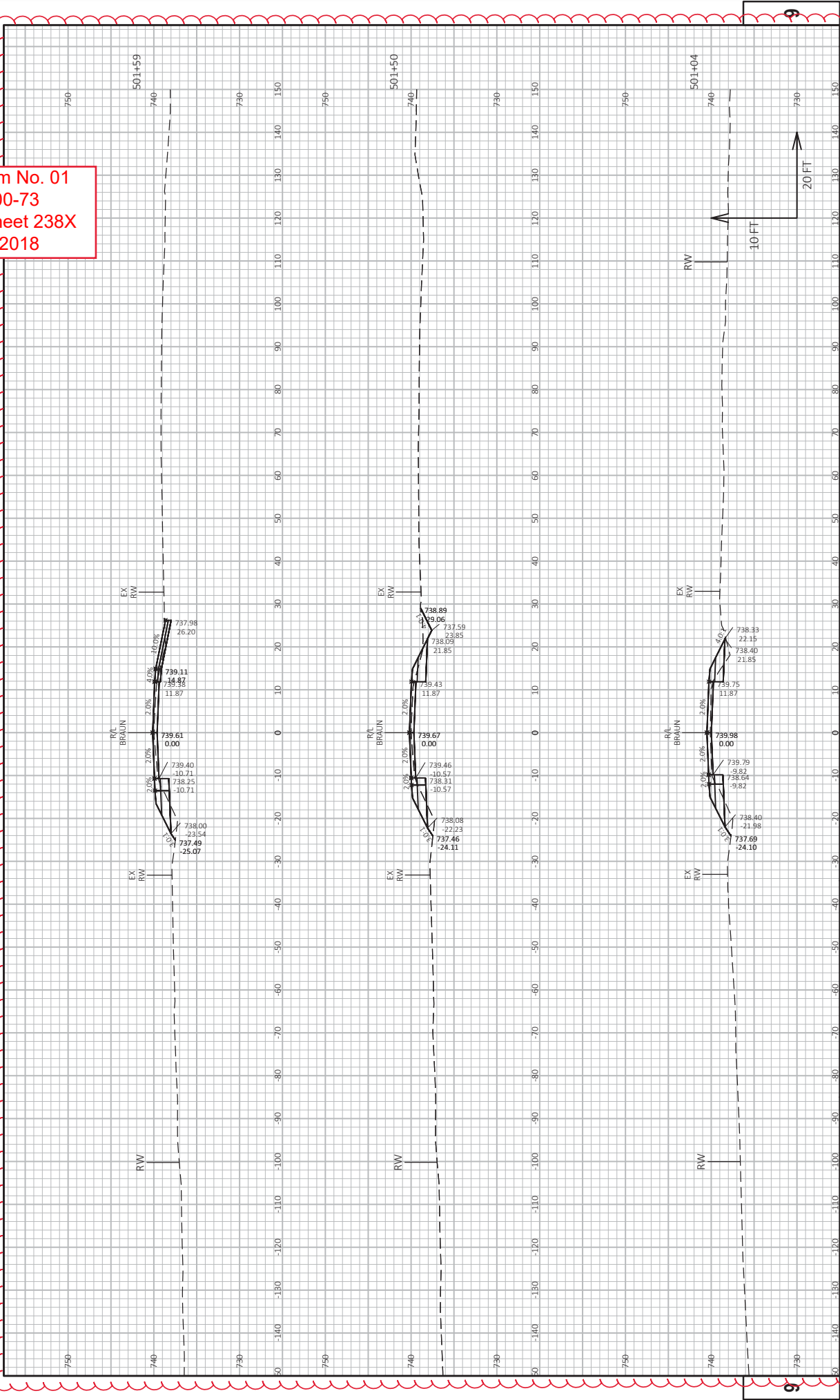
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238V
 March 9, 2018



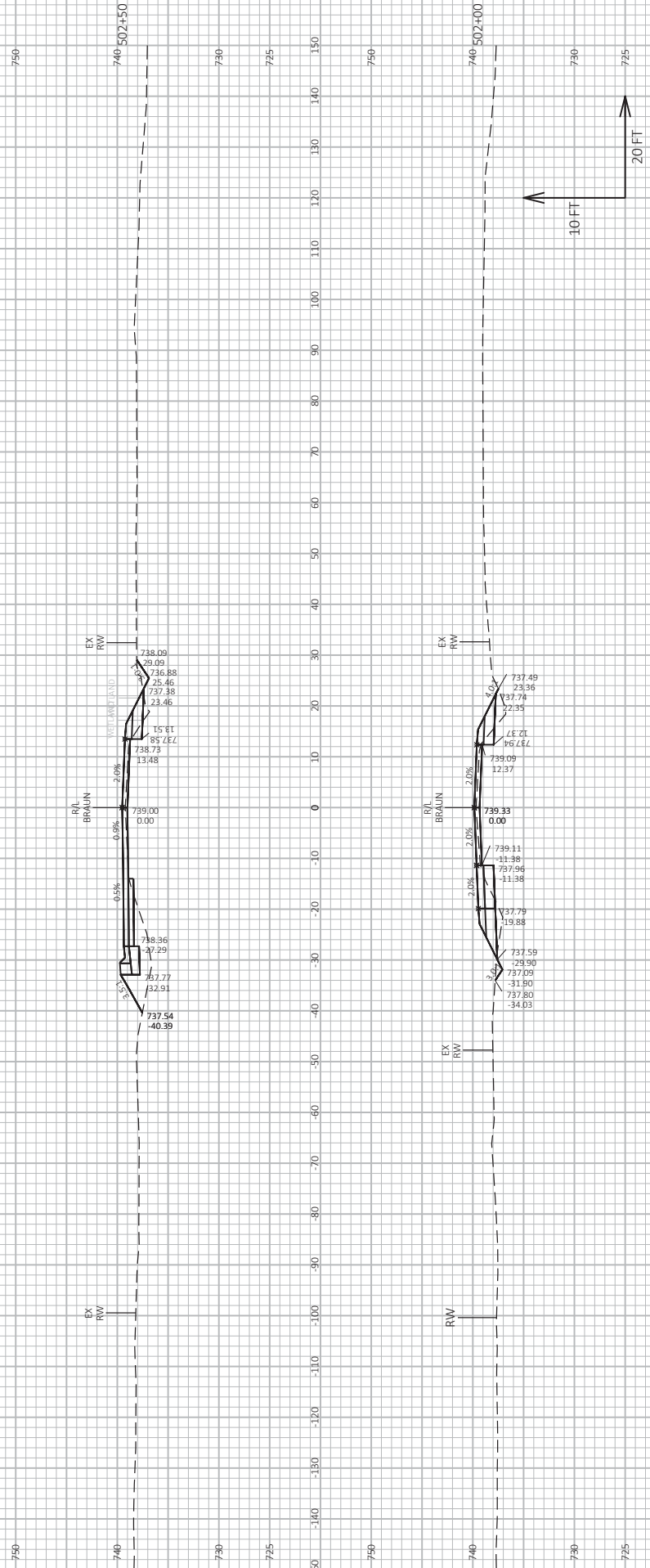
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238W
 March 9, 2018



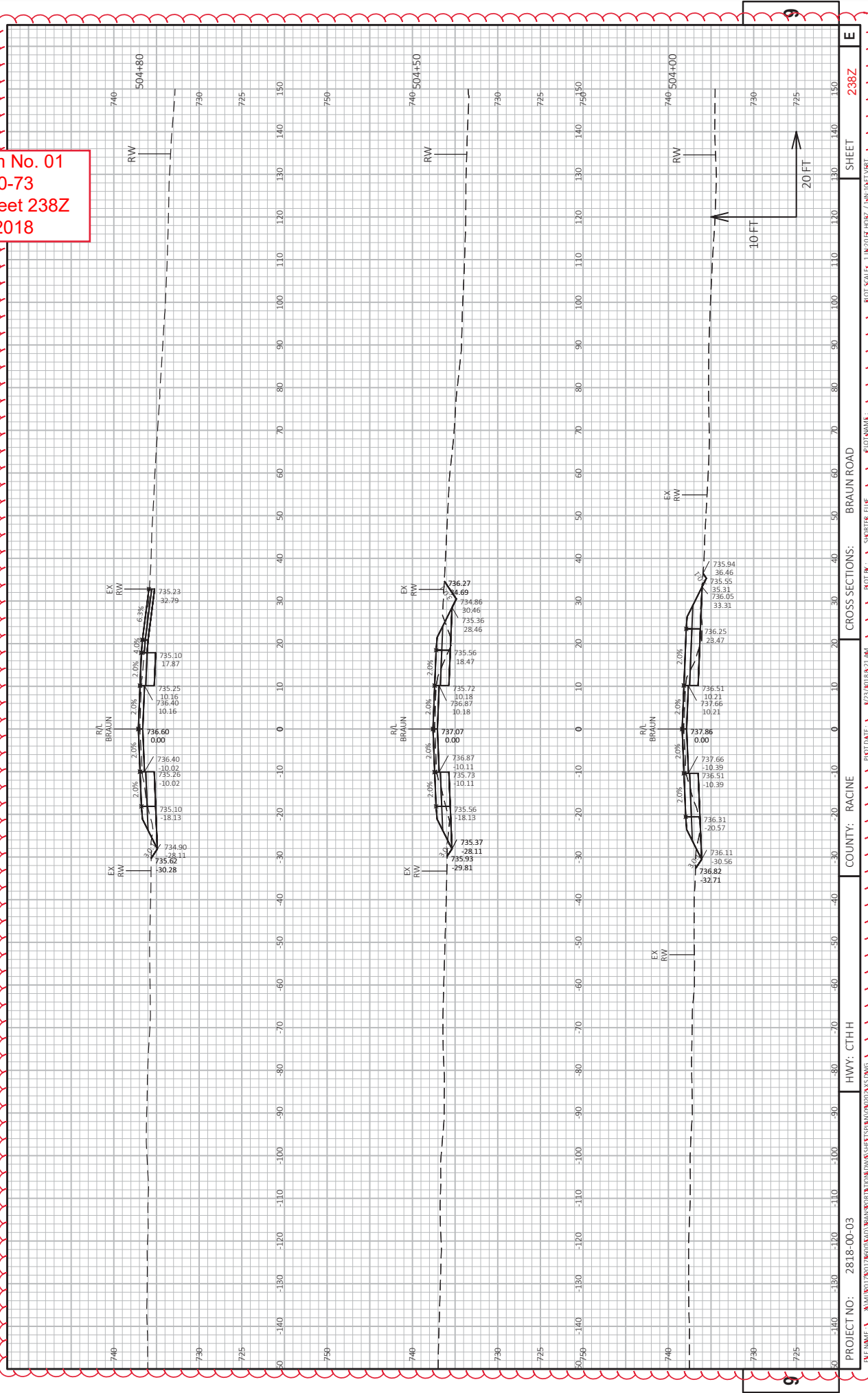
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238X
 March 9, 2018



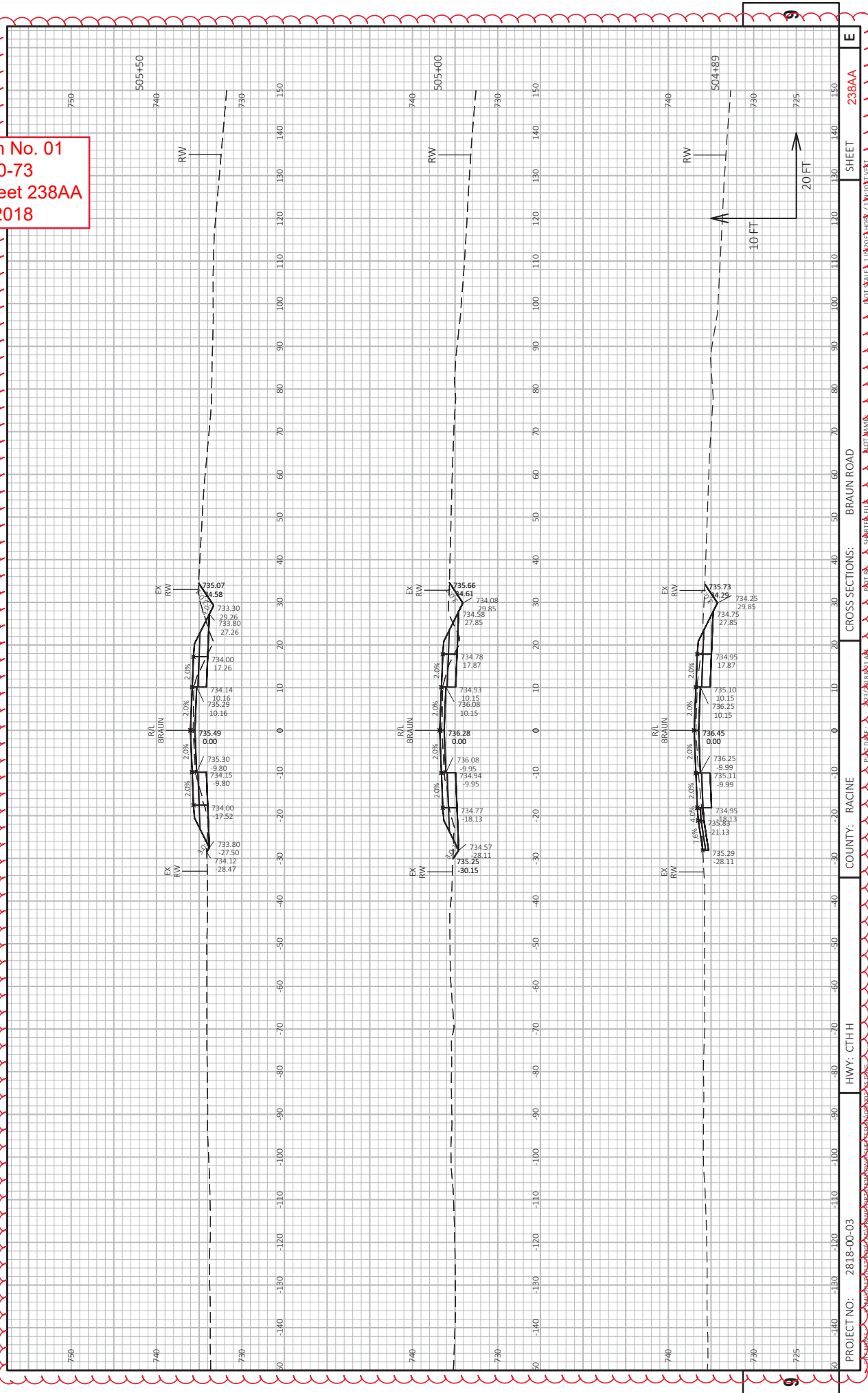
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238Y
 March 9, 2018



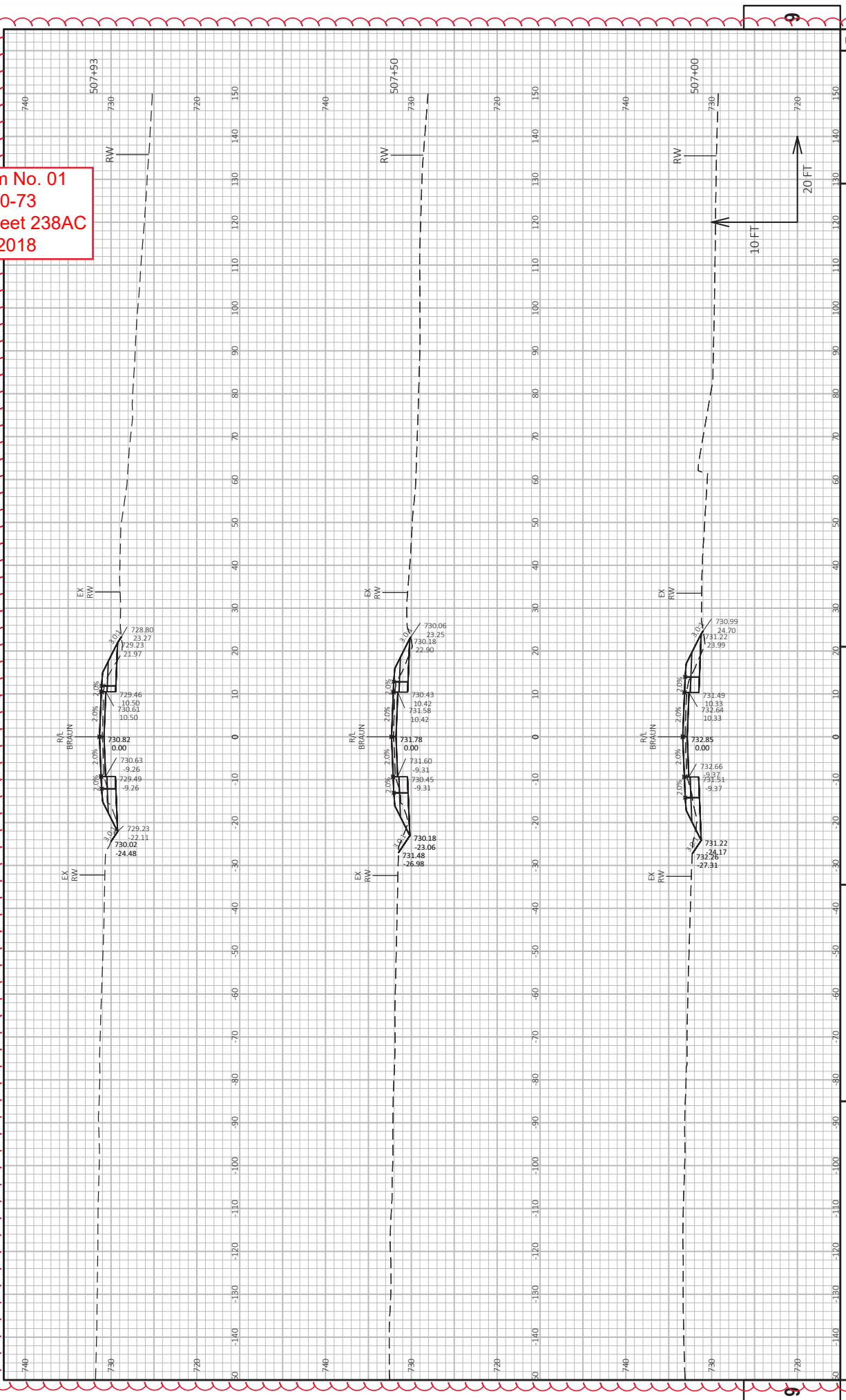
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238Z
 March 9, 2018

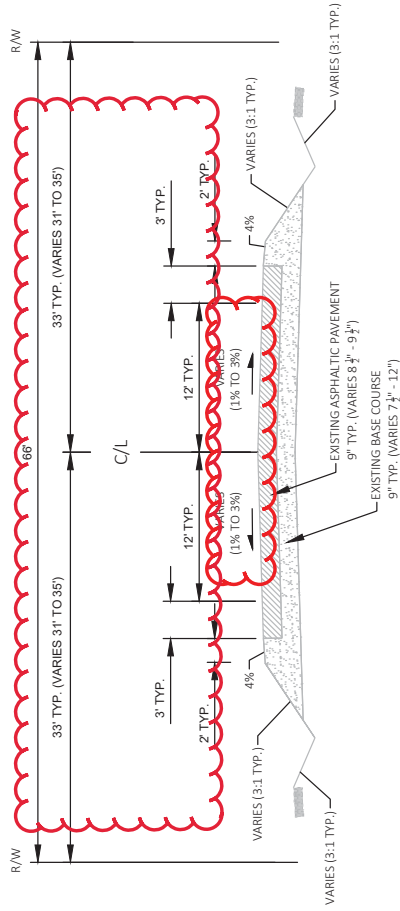


Addendum No. 01
 ID 2818-00-73
 Added Sheet 238AA
 March 9, 2018



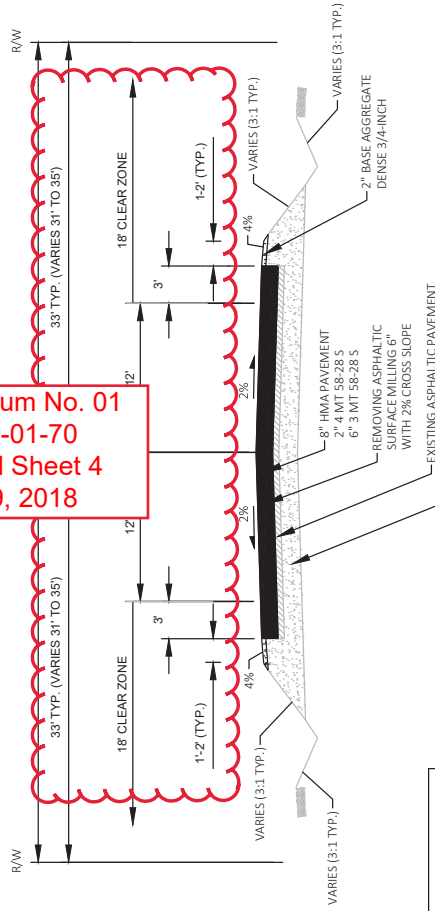
Addendum No. 01
 ID 2818-00-73
 Added Sheet 238AC
 March 9, 2018





TYPICAL EXISTING SECTION - CTH H
STA 208+00 TO 219+00

Addendum No. 01
ID 3723-01-70
Revised Sheet 4
March 9, 2018

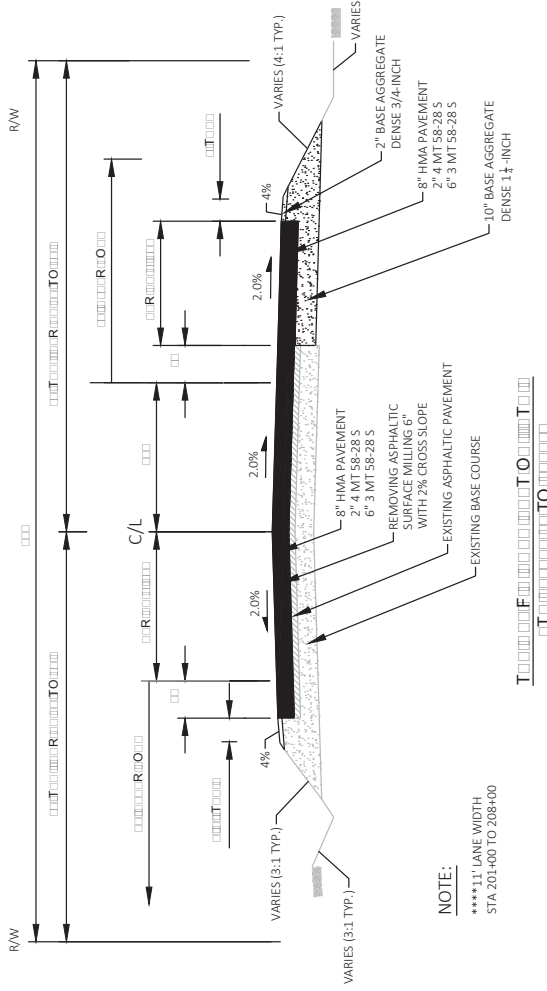


TYPICAL FINISHED SECTION - CTH H
STA 208+60 TO 219+50
STA 220+60 TO 250+09.04

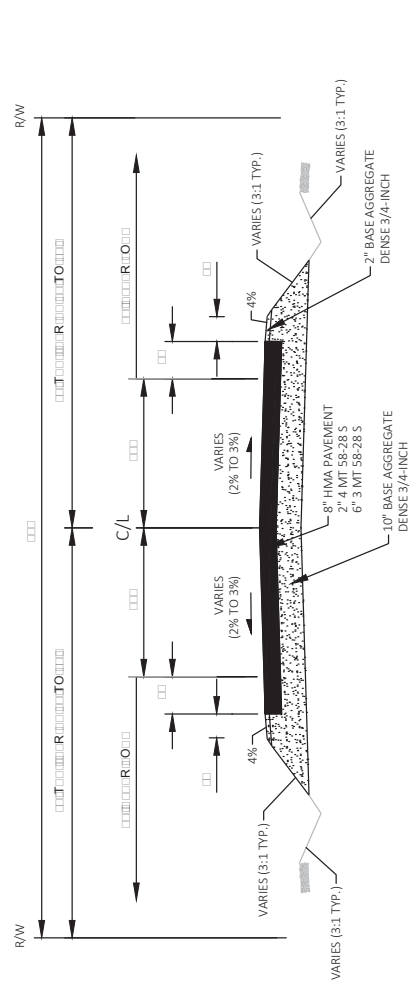
NOTE: DEPTHS SHOWN ON TYPICAL SECTIONS ARE FROM AVAILABLE BORING LOGS. BORING LOG DEPTHS ARE BASED ON FIELD MEASUREMENTS TAKEN AT THE LOCATIONS PROVIDED BELOW.

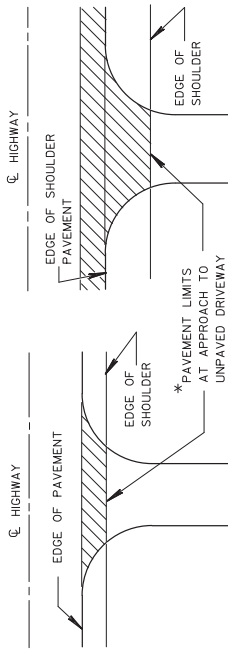
CTH H EXISTING PAVEMENT BORING LOG					
BORING	Y	X	APPROXIMATE LOCATION	TOTAL	
				BASE COURSE (IN)	
SB-H15	164160.7	604319.1	244+20.1	2.0' RT 9.5	17
SB-H16	162706.4	604320.5	229+66.0	18.7' LT 8.5	16.5
SB-H17	161071.4	604361.3	213+30.6	0.9' RT 9.5	18.5
SB-H18	159767.4	604374.0	200+26.5	2.2' LT 8.5	20.5

Addendum No. 01
ID 3723-01-70
Added Sheet 5A
March 9, 2018

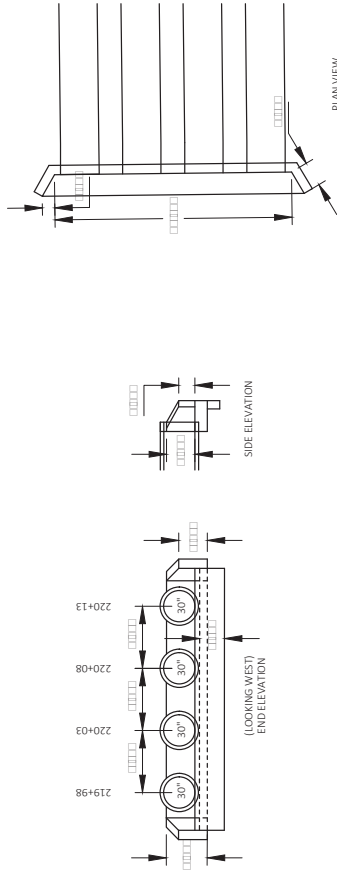


NOTE:
*****1" LANE WIDTH
STA 201+00 TO 208+00





PLAN VIEW
RURAL DRIVEWAY INTERSECTION DETAIL
(PAVED SHOULDER ON HIGHWAY)



PLAN VIEW
SIDE ELEVATION
(LOOKING WEST)
END ELEVATION

PROJECT NO: 3723-01-70

HWY: CTH H

COUNTY: KENOSHA

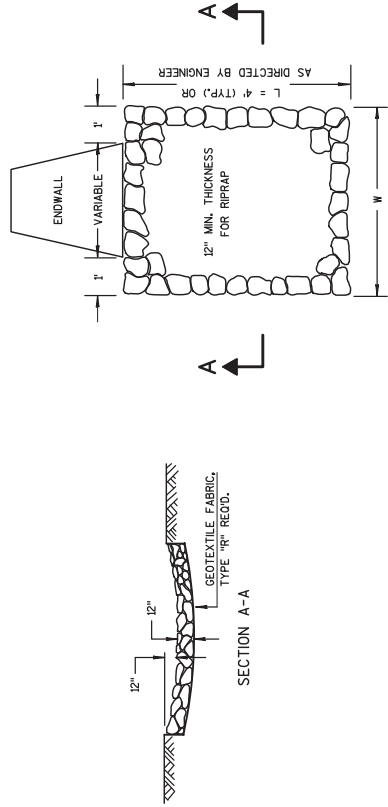
FILE NAME: J:\ACTIVE\VE\3723-01-00_3765-04-00\CTH_FL_CTH_A\37230100\SHETS\PLAN\37230100-CTH\H02100-CD.DWG

3/9/2018 1:28 PM

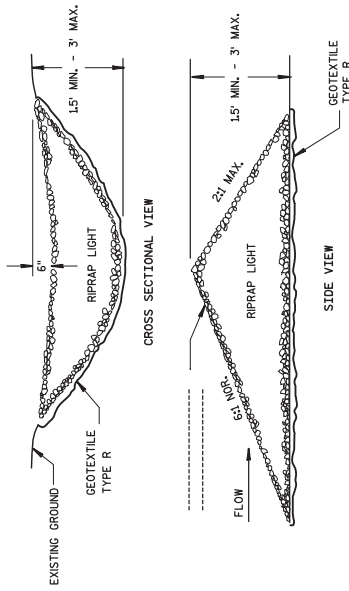
REG BUBOLZ

1 IN=10 FT

WSS007\CADDS SHEET 42



SECTION A-A
RIPRAP TREATMENT AT CULVERTS



CROSS SECTIONAL VIEW
SIDE VIEW
TEMPORARY STONE DITCH CHECK DETAIL

Addendum No. 01
ID 3723-01-70
Revised Sheet 6
March 9, 2018

NOTE: CONSTRUCTION AND MATERIALS FOR TEMPORARY STONE DITCH CHECK ARE INCIDENTAL TO RIPRAP LIGHT.

PROJECT NO: 3723-01-70

HWY: CTH H

COUNTY: KENOSHA

FILE NAME: J:\ACTIVE\VE\3723-01-00_3765-04-00\CTH_FL_CTH_A\37230100\SHETS\PLAN\37230100-CTH\H02100-CD.DWG

3/9/2018 1:28 PM

REG BUBOLZ

1 IN=10 FT

WSS007\CADDS SHEET 42

PROJECT NO: 3723-01-70

HWY: CTH H

COUNTY: KENOSHA

FILE NAME: J:\ACTIVE\VE\3723-01-00_3765-04-00\CTH_FL_CTH_A\37230100\SHETS\PLAN\37230100-CTH\H02100-CD.DWG

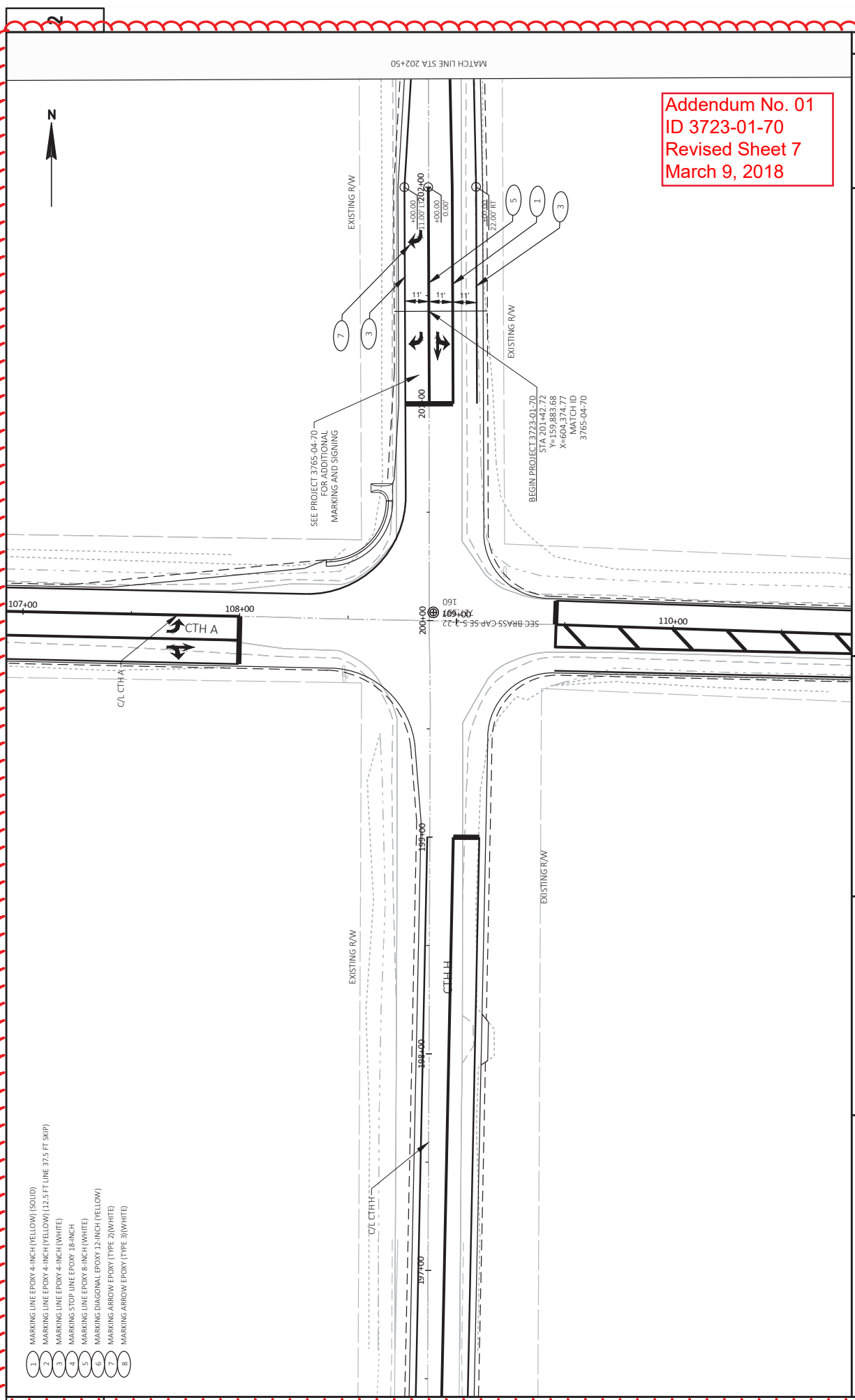
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REG BUBOLZ

1 IN=10 FT

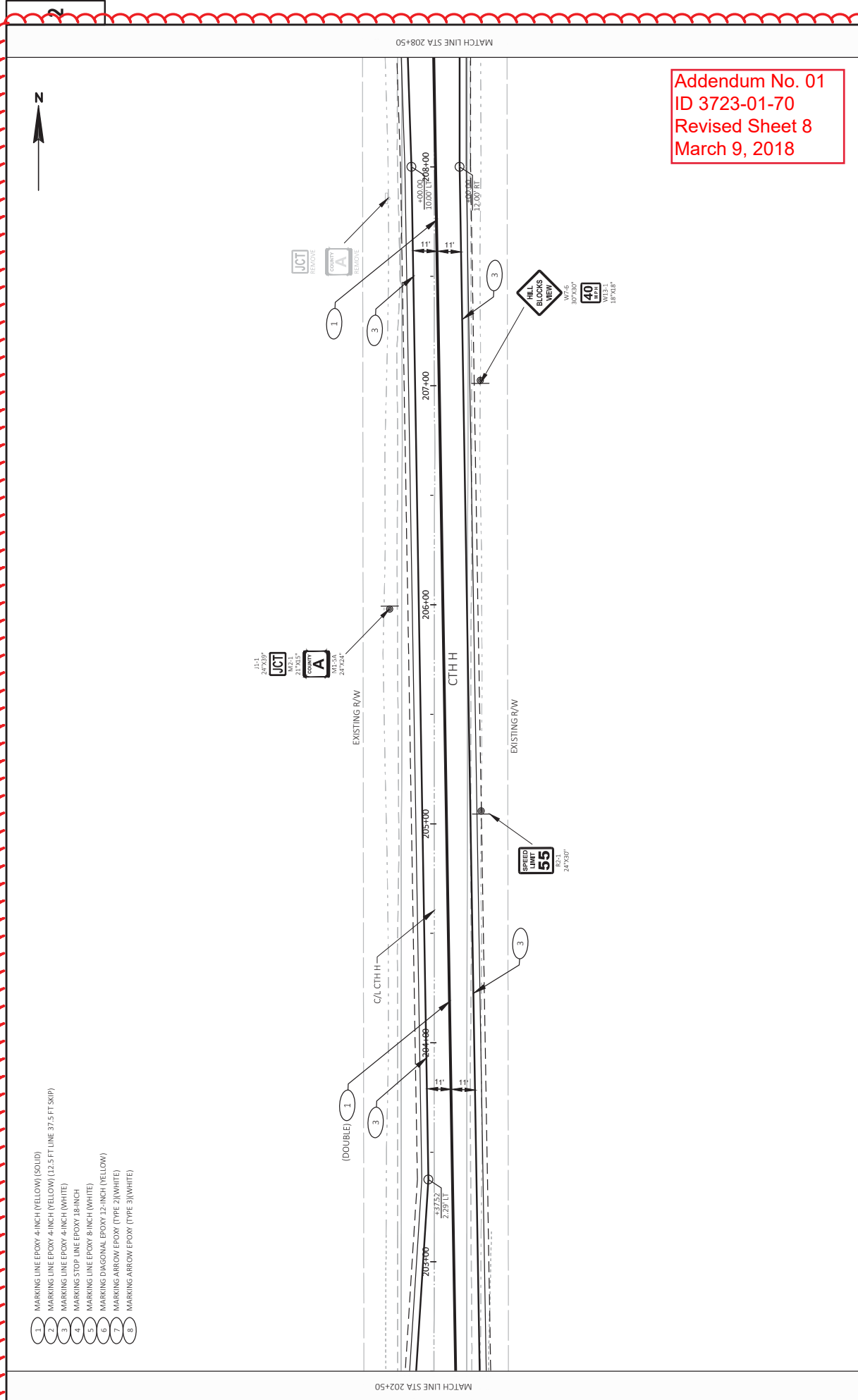
WSS007\CADDS SHEET 42

- 1 MARKING LINE EPOXY 4-INCH (YELLOW) (SOLID)
- 2 MARKING LINE EPOXY 4-INCH (YELLOW) (12.5 FT LINE 37.5 FT SKIP)
- 3 MARKING LINE EPOXY 4-INCH (WHITE)
- 4 MARKING STOP LINE EPOXY 18-INCH
- 5 MARKING LINE EPOXY 8-INCH (WHITE)
- 6 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 7 MARKING ARROW EPOXY (TYPE 2)(WHITE)
- 8 MARKING ARROW EPOXY (TYPE 3)(WHITE)



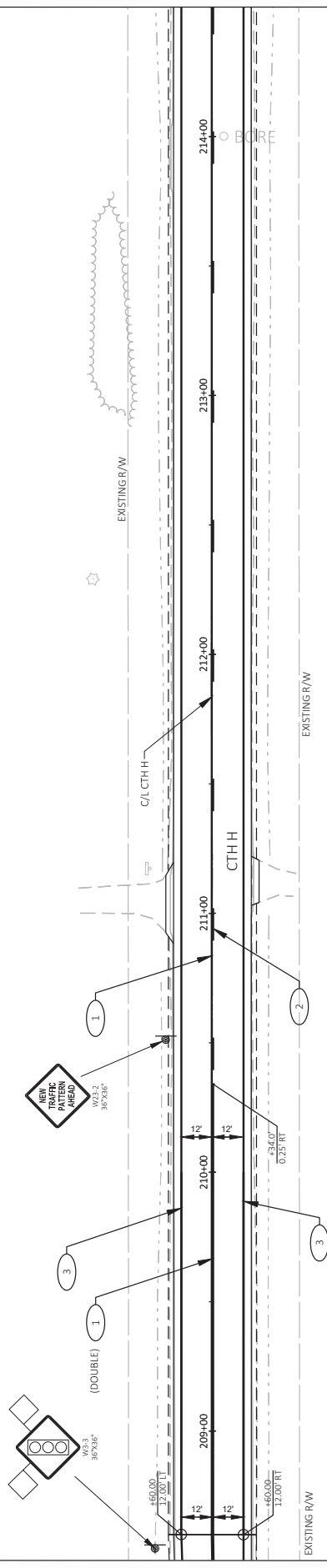
Addendum No. 01
 ID 3723-01-70
 Revised Sheet 7
 March 9, 2018

- 1 MARKING LINE EPOXY 4-INCH (YELLOW) (SOLID)
- 2 MARKING LINE EPOXY 4-INCH (YELLOW) (12.5 FT LINE 37.5 FT SKIP)
- 3 MARKING LINE EPOXY 4-INCH (WHITE)
- 4 MARKING STOP LINE EPOXY 18-INCH
- 5 MARKING LINE EPOXY 8-INCH (WHITE)
- 6 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 7 MARKING ARROW EPOXY (TYPE 2)(WHITE)
- 8 MARKING ARROW EPOXY (TYPE 3)(WHITE)



Addendum No. 01
 ID 3723-01-70
 Revised Sheet 8
 March 9, 2018

- 1 MARKING LINE EPOXY 4-INCH (YELLOW) (SOLID)
- 2 MARKING LINE EPOXY 4-INCH (YELLOW) (12.5 FT LINE 37.5 FT SKIP)
- 3 MARKING LINE EPOXY 4-INCH (WHITE)
- 4 MARKING STOP LINE EPOXY 18-INCH
- 5 MARKING LINE EPOXY 8-INCH (WHITE)
- 6 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 7 MARKING ARROW EPOXY (TYPE 2)(WHITE)
- 8 MARKING ARROW EPOXY (TYPE 3)(WHITE)

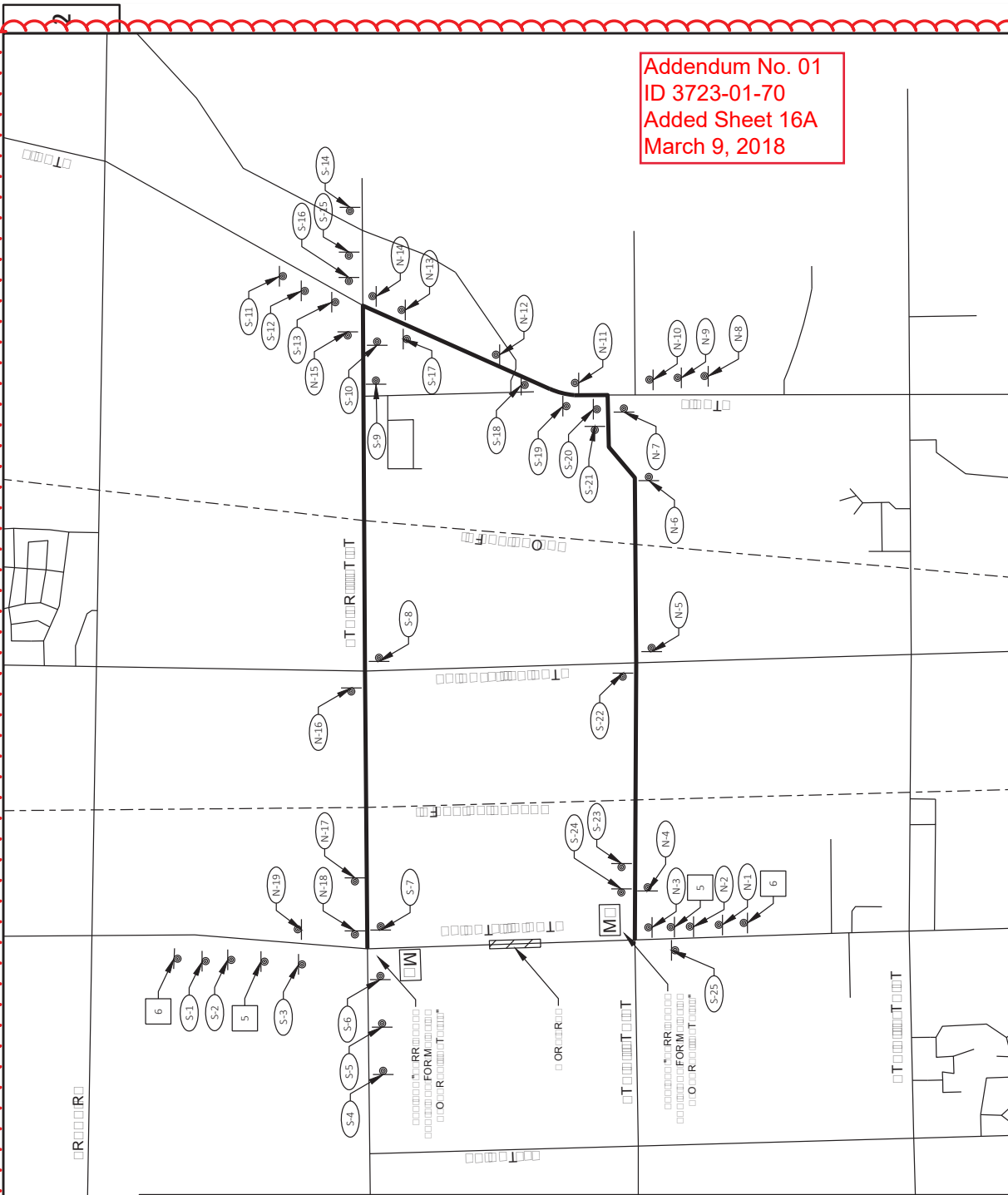


Addendum No. 01
 ID 3723-01-70
 Revised Sheet 9
 March 9, 2018

MATCH LINE STA 214+50

MATCH LINE STA 208+50

Addendum No. 01
 ID 3723-01-70
 Added Sheet 16A
 March 9, 2018



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GENERAL NOTES:
 SEE SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES - DETAIL B", "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES", "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER, TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC" FOR GENERAL NOTES AND SIGN SPACING REQUIREMENTS.
 DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON FIELD CONDITIONS AND THE CONTRACTOR'S METHODS OF SEQUENCE OF OPERATION.
 ALL EXISTING SIGN MESSAGES THAT CONFLICT WITH THE DETOUR SHALL BE COVERED OR REMOVED.
 MAP SHOWN IS NOT TO SCALE.

Addendum No. 01
 ID 3723-01-70
 Added Sheet 16B
 March 9, 2018

ASPHALTIC SURFACE MILLING

ROADWAY	STA	TO	STA	
CTH H	201+43		219+50	6.025
	220+60		250+09	9.830
TOTAL				15.855

COMMON EXCAVATION

ROADWAY	STA	TO	STA	C.Y.
CTH H	201+42.72		202+00.13	45
	202+00.13		208+60	245
	UNDISTRIBUTED EBS	201+42.72	208+60	225
TOTAL				515

AGGREGATE ITEMS

ROADWAY	STA	TO	STA	TON
CTH H	201+43		250+09	245
				35
TOTAL				280

305.0110*
BASE
DENSE
3/4-INCH

305.0120
BASE
DENSE
1 1/4-INCH

AGGREGATE (AGGREGATE)
DENSE
1 1/4-INCH

5,315

280

5,315

*ADDITIONAL QUANTITIES ELSEWHERE

ASPHALT ITEMS

ROADWAY	STA	TO	STA	TON
CTH H	201+43		250+09	1,545
				1,975
TOTAL				3,520

450.4000 HMA COLD WEATHER PAVING

460.6223 HMA PAVEMENT

460.6224 HMA PAVEMENT

465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

455.0605 TACK COAT

211.0400 FOUNDATION ASPHALTIC SHOULDERS

440.4410 INCENTIVE IRI RIDE

460.2000 INCENTIVE DENSITY HMA PAVEMENT

460.0150* INCENTIVE DENSITY HMA SAWING ASPHALT LF

1,545

5,900

1,975

7

1,270

97

4,000

5,040

45

1,545

5,900

1,975

7

1,270

97

4,000

5,040

45

LANDMARK REFERENCE

621.0100 LANDMARK REFERENCE MONUMENTS EACH	3
TOTAL	3

SURVEY PROJECT

SPV.0105.07 SURVEY PROJECT	1
TOTAL	1

Addendum No. 01
ID 3723-01-70
Revised Sheet 18
March 9, 2018

PROJECT NO: 3723-01-70

HWY: CTH H

COUNTY: KENOSHA

MISCELLANEOUS QUANTITIES

SHEET

E

FILE NAME:

PLOT DATE:

PLOT BY:

ORG DATE:

ORIGINATOR: DIST

PLOT SCALE: 1:1

Addendum No. 01
ID 3723-01-70
Revised Sheet 19
March 9, 2018

TRAFFIC CONTROL

643.5000	TRAFFIC CONTROL	643.0300	TRAFFIC CONTROL	643.1050	TRAFFIC CONTROL
	CONTROL	DRUMS	DRUMS	SIGNS PCMS	
DURATION	DAYS	EACH **	DAY	EACH***	DAY
PROJECT	55	0.1	20	1100	2
TOTAL		0.1		1100	14

** INFORMATION ONLY
*** INFORMATION ONLY (7 DAYS)

PAVEMENT MARKING ITEMS

MARKING LINE	646.1020	646.4520	649.0105	TEMPORARY MARKING LINE	646.3020
EPOXY 4-INCH	1,783	2,214	1,384	EPOXY 4-INCH	1,384
WHITE	2,214	532	67	YELLOW	67
LF	2,214	2,214	1,384	LF	1,384
STATION	210+34	221+41	224+07	STATION	210+34
CTHH	201+43	221+41	224+07	CTHH	210+34
TOTAL	9,800	7,600	7,600	TOTAL	58

PERMANENT SIGNING

STATION	CODE	SIZE	SIGN TYPE II	REFLECTIVE H	TYPE II	SF	SIGN TYPE II	REFLECTIVE H	SF	SIGN TYPE II	REFLECTIVE H	SF	REMARKS
205+05 RT	R2-1	24"x30"	PERMANENT	4X6-INCH	16-FT	5.0	TYPE II	6.5	6.3	6.3	2.3	2.3	JCT /COUNTRY A
206+00 LT	J1-1	24"x39"	PERMANENT	4X6-INCH	16-FT	6.5	TYPE II	6.3	6.3	2.3	2.3	2.3	JCT /COUNTRY A
207+00 RT	W7-6	30"x30"	PERMANENT	4X6-INCH	16-FT	6.3	TYPE II	6.3	6.3	2.3	2.3	2.3	JCT /COUNTRY A
207+00 RT	W13-1	18"x18"	PERMANENT	4X6-INCH	16-FT	6.3	TYPE II	6.3	6.3	2.3	2.3	2.3	JCT /COUNTRY A
207+86 LT	M2-1	-	PERMANENT	4X6-INCH	16-FT	6.3	TYPE II	6.3	6.3	2.3	2.3	2.3	JCT /COUNTRY A
207+86 RT	M2-1	-	PERMANENT	4X6-INCH	16-FT	6.3	TYPE II	6.3	6.3	2.3	2.3	2.3	JCT /COUNTRY A
207+86 LT	M1-5A	-	PERMANENT	4X6-INCH	16-FT	6.3	TYPE II	6.3	6.3	2.3	2.3	2.3	JCT /COUNTRY A
208+50 LT	W3-3	36"x36"	PERMANENT	4X6-INCH	16-FT	9.0	TYPE II	9.0	9.0	3.0	3.0	3.0	JCT /COUNTRY A
210+50 LT	W23-2	36"x36"	PERMANENT	4X6-INCH	16-FT	9.0	TYPE II	9.0	9.0	3.0	3.0	3.0	JCT /COUNTRY A
210+50 LT	W7-6	30"x30"	PERMANENT	4X6-INCH	16-FT	6.3	TYPE II	6.3	6.3	2.3	2.3	2.3	JCT /COUNTRY A
219+00 LT	W13-1	18"x18"	PERMANENT	4X6-INCH	16-FT	6.3	TYPE II	6.3	6.3	2.3	2.3	2.3	JCT /COUNTRY A
219+70 RT	W5-2R	12"x36"	PERMANENT	4X6-INCH	16-FT	3.0	TYPE II	3.0	3.0	1.1	1.1	1.1	JCT /COUNTRY A
219+81 LT	W5-2L	12"x36"	PERMANENT	4X6-INCH	16-FT	3.0	TYPE II	3.0	3.0	1.1	1.1	1.1	JCT /COUNTRY A
220+43 LT	W5-2R	12"x36"	PERMANENT	4X6-INCH	16-FT	3.0	TYPE II	3.0	3.0	1.1	1.1	1.1	JCT /COUNTRY A
220+43 RT	W5-2L	12"x36"	PERMANENT	4X6-INCH	16-FT	3.0	TYPE II	3.0	3.0	1.1	1.1	1.1	JCT /COUNTRY A
221+39 RT	W14-3	48"x36"	PERMANENT	4X6-INCH	16-FT	5.6	TYPE II	5.6	5.6	1.9	1.9	1.9	JCT /COUNTRY A
224+07 LT	W14-3	48"x36"	PERMANENT	4X6-INCH	16-FT	5.6	TYPE II	5.6	5.6	1.9	1.9	1.9	JCT /COUNTRY A
241+98 RT	W23-2	36"x36"	PERMANENT	4X6-INCH	16-FT	9.0	TYPE II	9.0	9.0	3.0	3.0	3.0	JCT /COUNTRY A
242+15 RT	W3-1	30"x30"	PERMANENT	4X6-INCH	16-FT	6.5	TYPE II	6.5	6.5	2.3	2.3	2.3	JCT /COUNTRY A
244+00 RT	W3-3	36"x36"	PERMANENT	4X6-INCH	16-FT	9.0	TYPE II	9.0	9.0	3.0	3.0	3.0	JCT /COUNTRY A
246+40 RT	J1-1	24"x39"	PERMANENT	4X6-INCH	16-FT	6.5	TYPE II	6.5	6.5	2.3	2.3	2.3	JCT /COUNTRY A
246+40 RT	M2-1	-	PERMANENT	4X6-INCH	16-FT	6.5	TYPE II	6.5	6.5	2.3	2.3	2.3	JCT /COUNTRY A
246+40 RT	M1-5A	-	PERMANENT	4X6-INCH	16-FT	6.5	TYPE II	6.5	6.5	2.3	2.3	2.3	JCT /COUNTRY A
247+00 LT	R2-1	24"x30"	PERMANENT	4X6-INCH	16-FT	5.0	TYPE II	5.0	5.0	1.7	1.7	1.7	JCT /COUNTRY A
TOTAL						23.0		76.4	9	9	7	7	

*ADDITIONAL QUANTITIES ELSEWHERE

BOX CULVERT REPLACEMENT

204.0165	204.0185	205.0100	305.0110*	504.0900	522.0530	606.0100	628.1504	528.1520	628.1104	628.2008	628.7555	533.5200	638.2802*	638.3000*	645.0130	690.0150*
REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING	REMOVING
GUARDRAIL	MASONRY	MASONRY	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE
LF	CY	CY	TON	CY	30-INCH	30-INCH	30-INCH	30-INCH	30-INCH	30-INCH	30-INCH	30-INCH	30-INCH	30-INCH	30-INCH	30-INCH
170	36	275	33	3.5	212	16	220	200	20	170	12	8	4	4	35	60
TOTAL	170	36	33	3.5	212	16	220	200	20	170	12	8	4	4	35	60

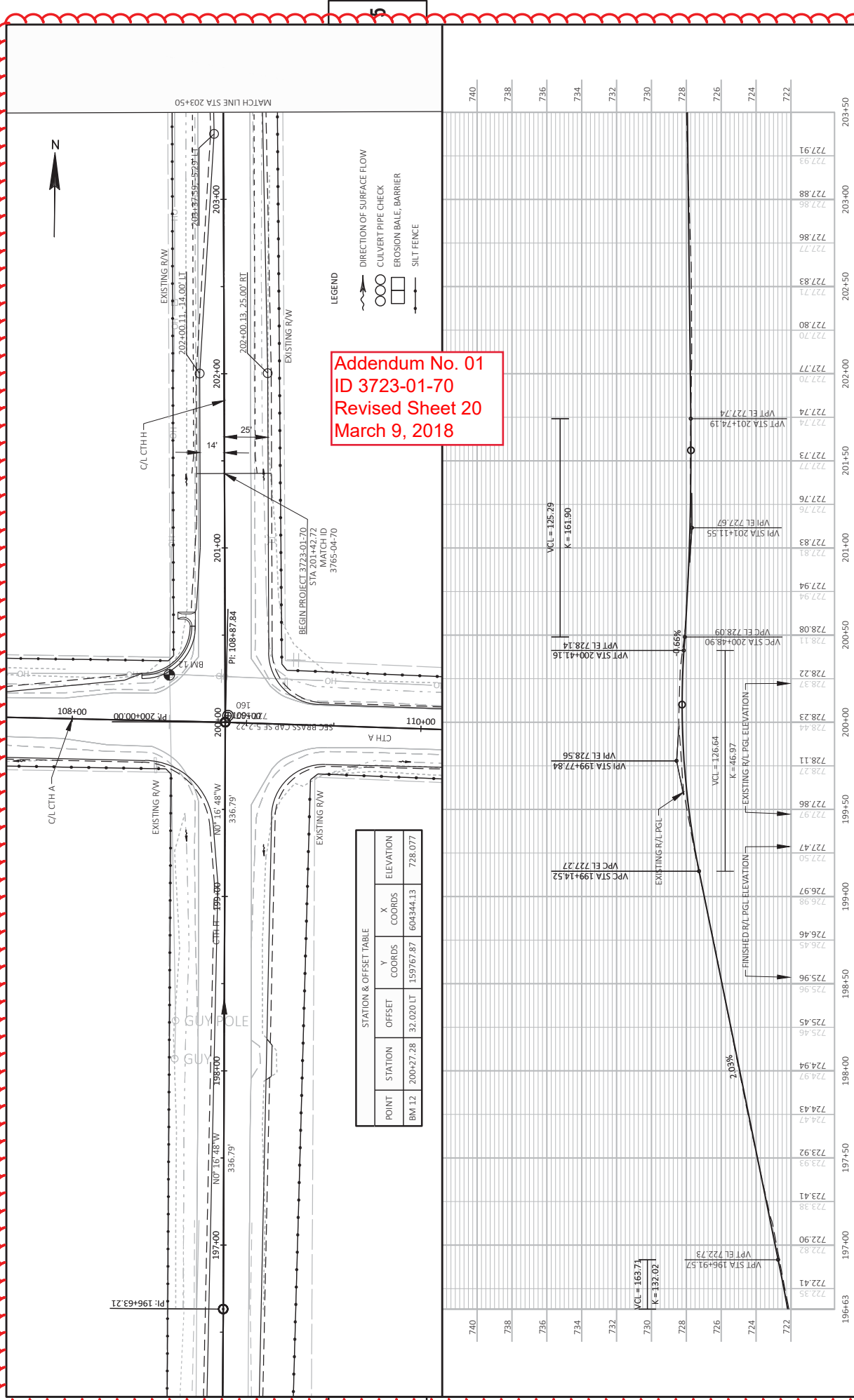
*ADDITIONAL QUANTITIES ELSEWHERE
 1) JOINT TIES ARE REQUIRED FOR THE LAST THREE SECTIONS OF CULVERT PIPE INSTALLATIONS, SEE SDD.
 THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST OF THE PIPE.
 2) ALL CULVERT PIPES REINFORCED CONCRETE CLASS V SHALL BE BEDDED IN 3/4-INCH BASE AGGREGATE DENSE MATERIAL. PROVIDE ENOUGH MATERIAL ON EITHER SIDE OF CULVERT PIPE TO ACHIEVE REQD COMPACTION. BASE AGGREGATE DENSE MATERIAL IS INCIDENTAL TO THE COST OF THE PIPE UP TO THE SUBGRADE LINE.
 3) CONTRACTOR IS TO FIELD VERIFY ELEVATIONS PRIOR TO BEGINNING WORK.

Addendum No. 01
 ID 3723-01-70
 Added Sheet 19A
 March 9, 2018

TRAFFIC CONTROL DETOUR ITEMS

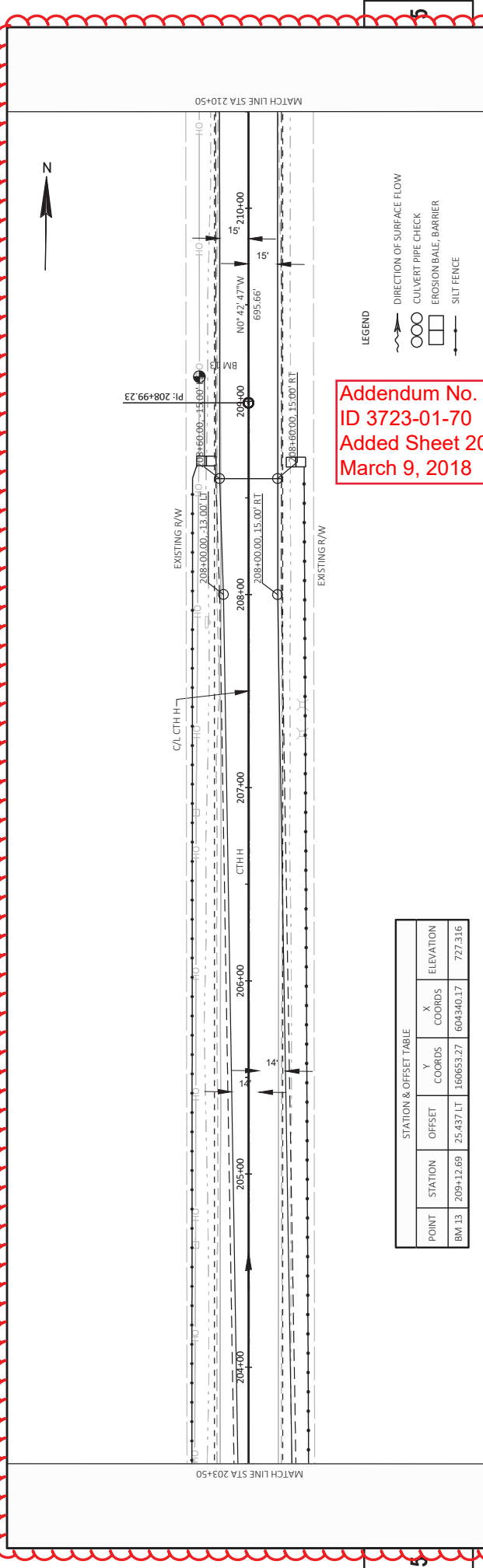
643.0900	643.0420	643.0705
TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL BARRICADES TYPE III	TRAFFIC CONTROL WARNING LIGHTS TYPE A
DURATION	DURATION	DURATION
DAYS	DAYS	DAYS
EACH**	EACH**	EACH**
DAY	DAY	DAY
167	16	20
501	48	60
100	10	12
TOTAL	601	72

** INFORMATION ONLY
 APPROX. 20% FOR UNDISTRIBUTED



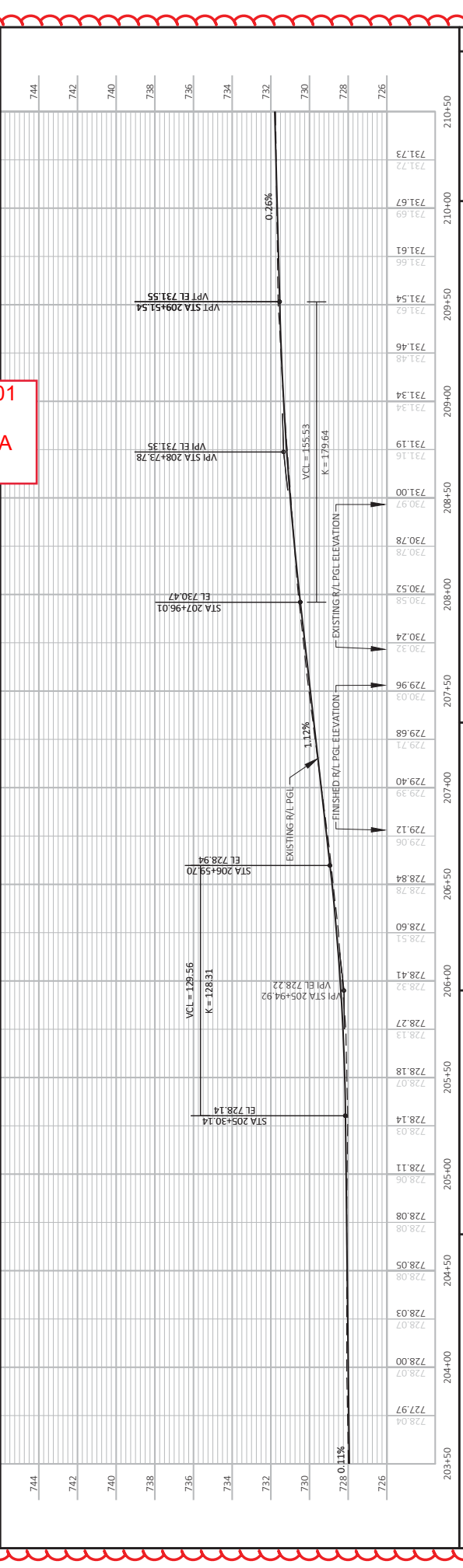
Addendum No. 01
ID 3723-01-70
Revised Sheet 20
March 9, 2018

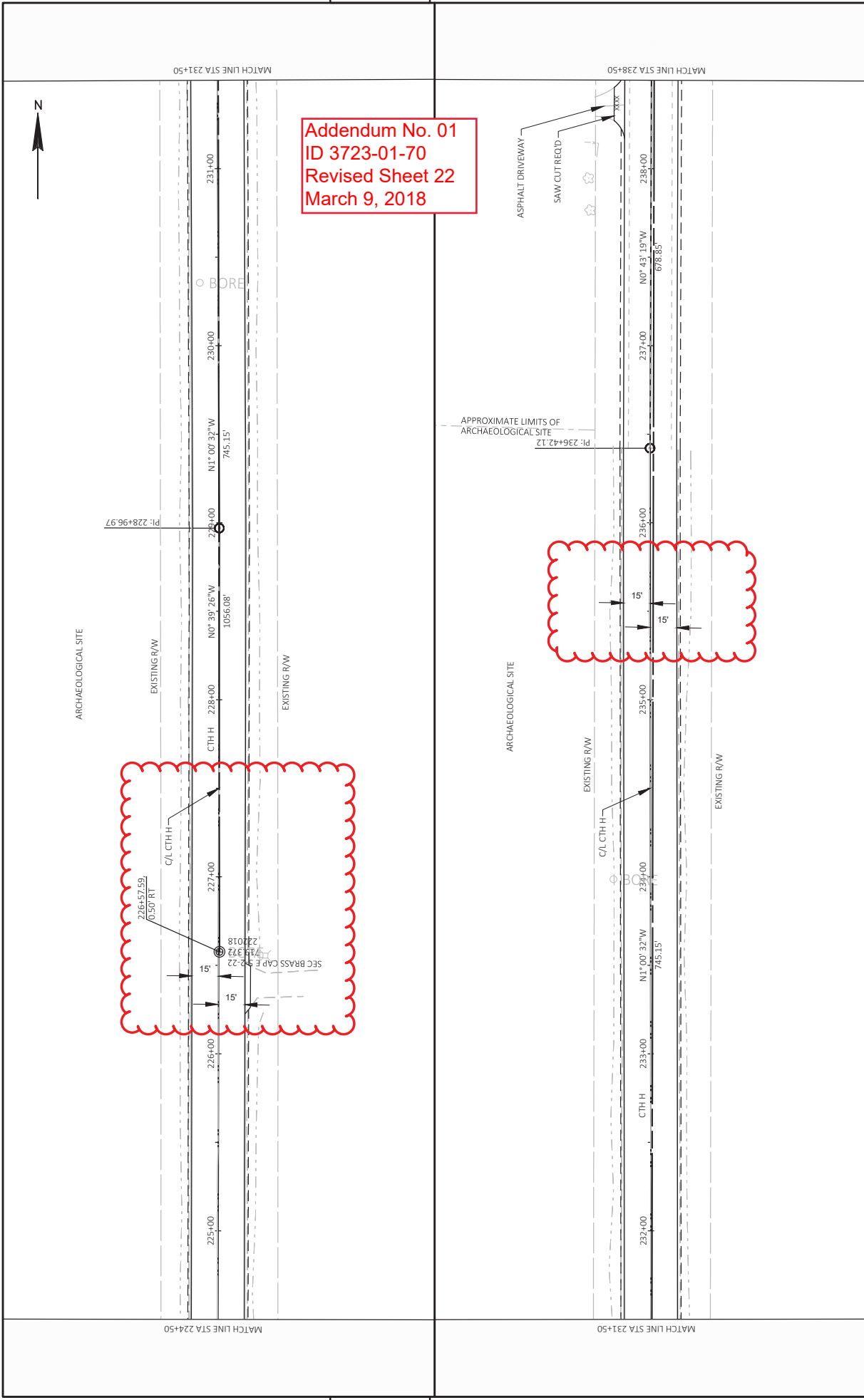
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	X COORDS	Y COORDS	ELEVATION
BM 12	200+27.28	32.020 LT	159767.87	604344.13	728.077



Addendum No. 01
 ID 3723-01-70
 Added Sheet 20A
 March 9, 2018

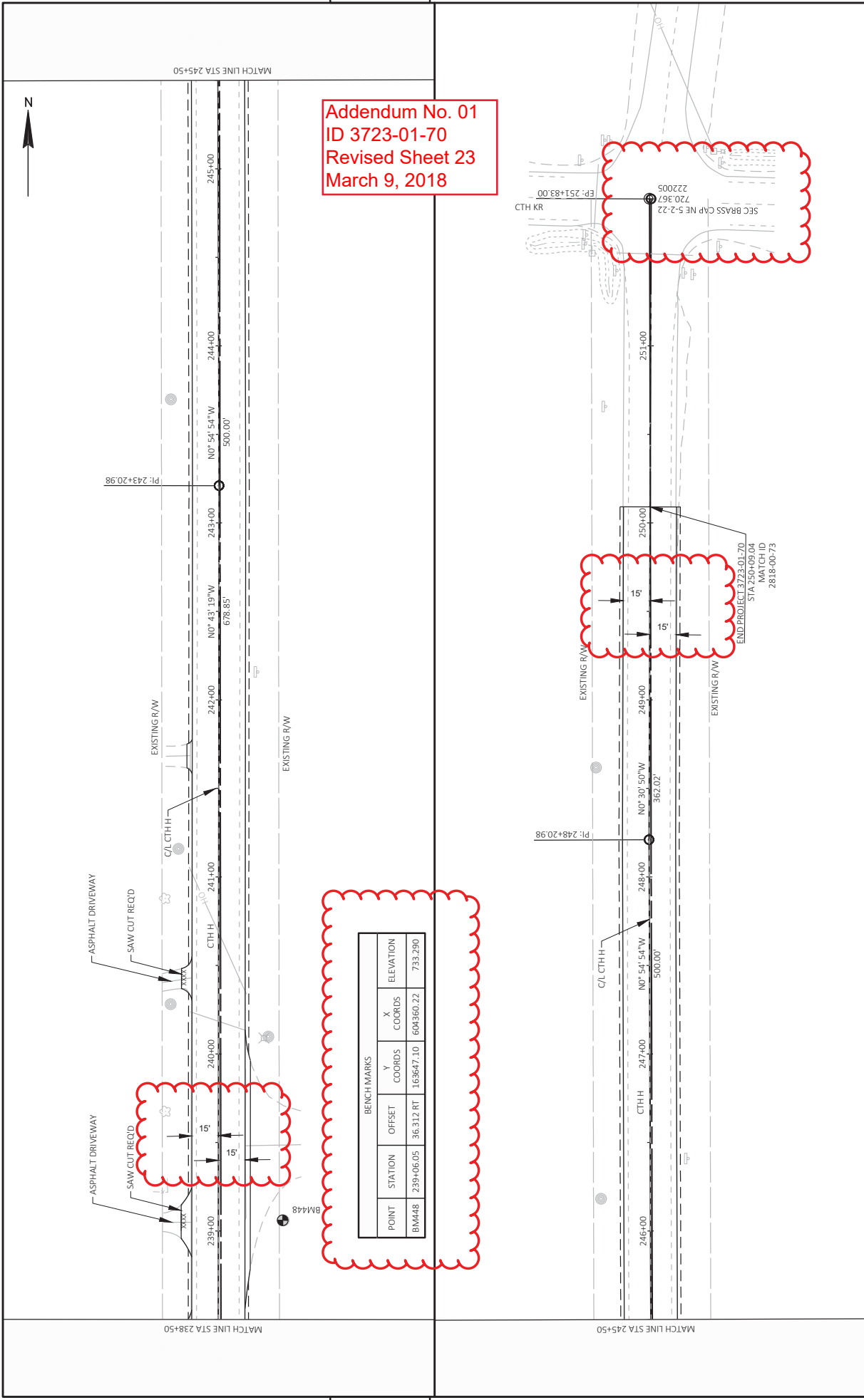
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
BM 13	209+12.69	25.437 LT	160653.27	604340.17	727.316





Addendum No. 01
 ID 3723-01-70
 Revised Sheet 22
 March 9, 2018

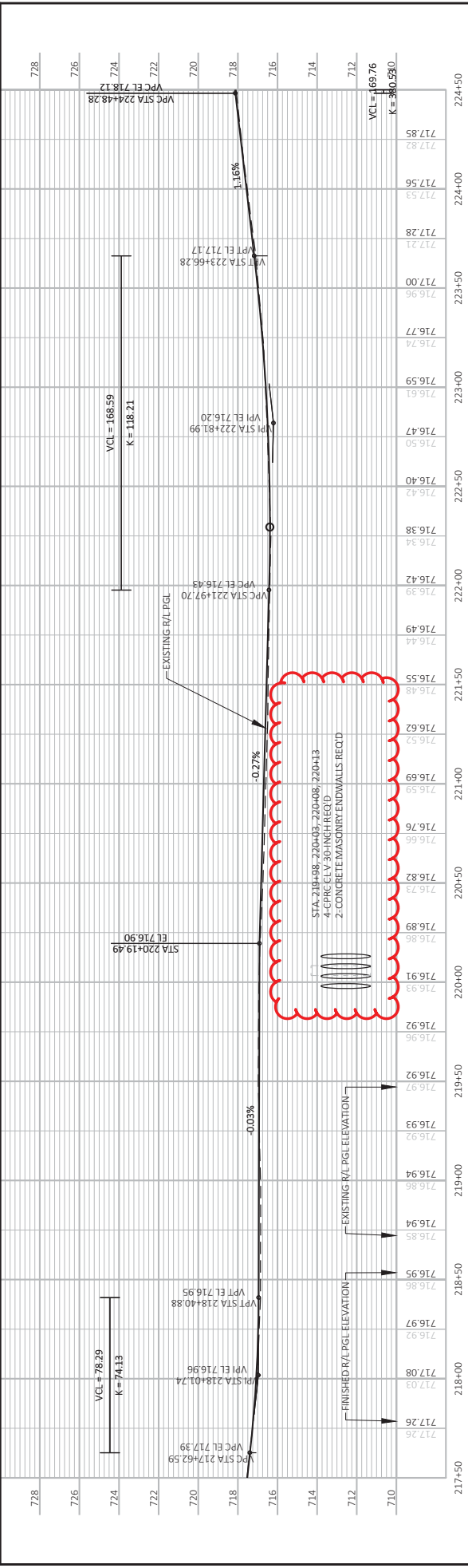
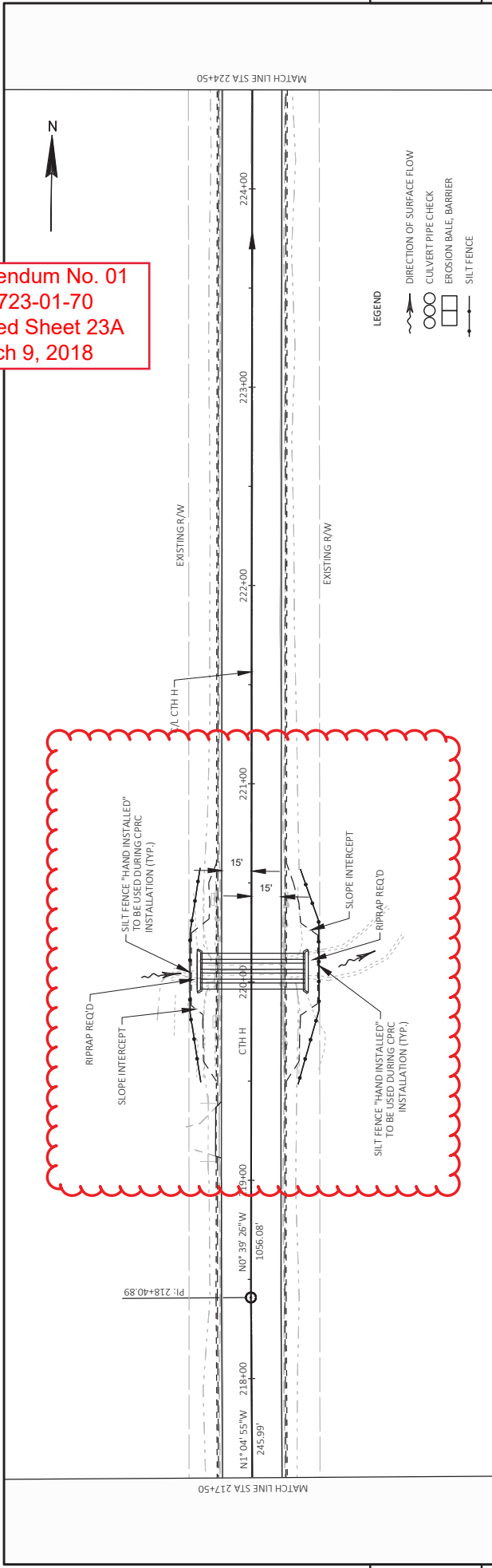
PROJECT NO: 3723-01-70	COUNTY: KENOSHA	PLAN: CTH H	SHEET 22	E
FILE NAME: J:\ACTIVE\3723-01-00_3765-04-00\CTH H_CTH AK\37230100\SHETS\PLAN\37230100-CTH H\05000-PN.DWG	PLOT DATE: 2/21/2018 10:55 AM	PLOT BY: GREG BUBOLZ	PLOT SCALE: #/#####	W5507/CADD SHEET 44
LAYOUT NAME: -03				



Addendum No. 01
ID 3723-01-70
Revised Sheet 23
March 9, 2018

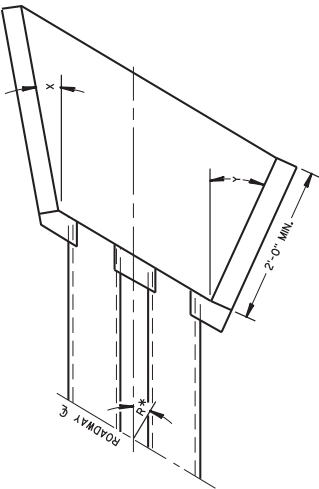
BENCHMARKS					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
BM448	239+06.05	36.312 RT	163647.10	604360.22	733.290

Addendum No. 01
 ID 3723-01-70
 Added Sheet 23A
 March 9, 2018



PROJECT NO: 3723-01-70
 COUNTY: KENOSHA
 HWY: CTH H
 PLAN AND PROFILE: CTH H
 SHEET 23A
 E

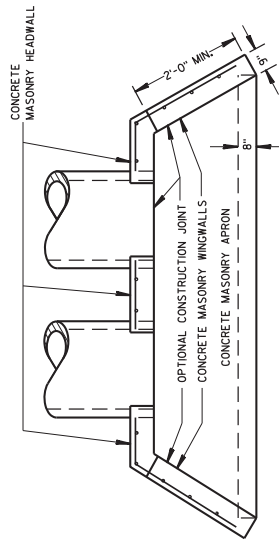
FILE NAME: J:\ACTIVE\3723-01-00_3765-04-00\CTH_H_CTH_A\37230100\SHETS\PLAN\3723000-CTH H\050101-PP.DWG
 PLOT DATE: 2/16/2018 1:40 PM
 PLOT BY: GREG BUBOLZ
 PLOT SCALE: 1"=50.00'
 WISDOT/CADDIS SHEET 44



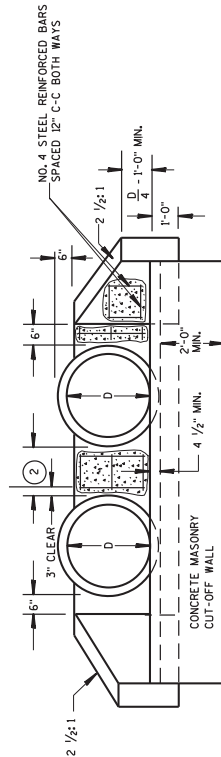
WINGWALL ANGLE DETAILS

INLET		OUTLET	
R*	Y	R*	Y
0 - 7*	30*	0 - 15*	15*
8 - 22*	25*	16 - 45*	10*
23 - 37*	20*	46 - 75*	5*
38 - 52*	15*	OVER 75*	0*
53 - 67*	10*		
68 - 82*	5*		
OVER 82*	0*		

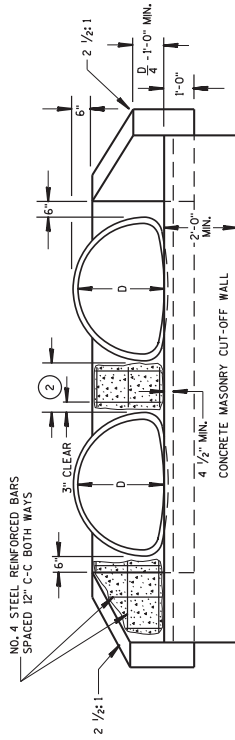
*R = NUMBER OF DEGREES RIGHT OR LEFT HAND FORWARD



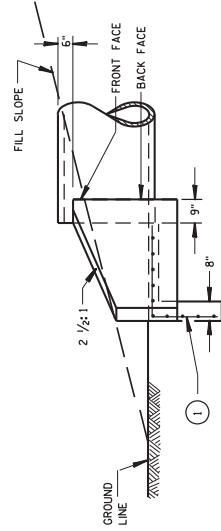
PLAN VIEW
CULVERT PIPE AND PIPE ARCH



END ELEVATION
CULVERT PIPE



END ELEVATION
PIPE ARCH



SIDE ELEVATION
CULVERT PIPE AND PIPE ARCH

GENERAL NOTES

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

FILL SLOPES FLATTER THAN 2 1/2:1 SHALL BE WARPED TO MEET THE TOP OF THE WINGWALLS.

ALL STEEL REINFORCEMENT AND WELDED STEEL WIRE FABRIC SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE NOTED.

1) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS SPACED 12" C-C IN BOTH DIRECTIONS.

2) THE SPACE BETWEEN PIPES SHALL BE AS FOLLOWS:

DIAMETER OR SPAN	SPACE
UP TO AND INCLUDING 48"	2'-0"
OVER 48" TO 72"	1/2 DIA. OR SPAN
OVER 72"	3'-0"

Addendum No. 01
ID 3723-01-70
Added Sheet 25A
March 9, 2018

CONCRETE MASONRY ENDWALLS
FOR CULVERT PIPE AND
PIPE ARCH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

25A

APPROVED
9-14-98
DATE
757 Rory L. Rhineasmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
P17WA

Addendum No. 01
 ID 3723-01-70
 Added Sheet 28A
 March 9, 2018

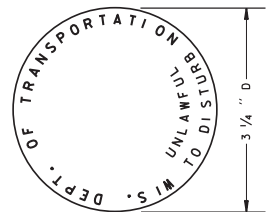
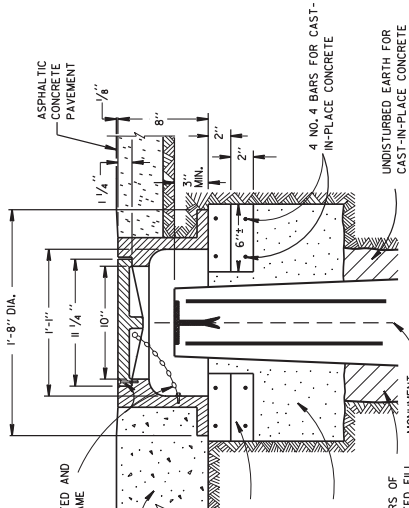
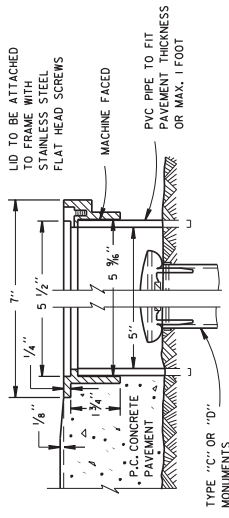
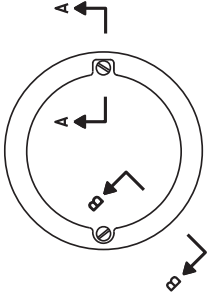
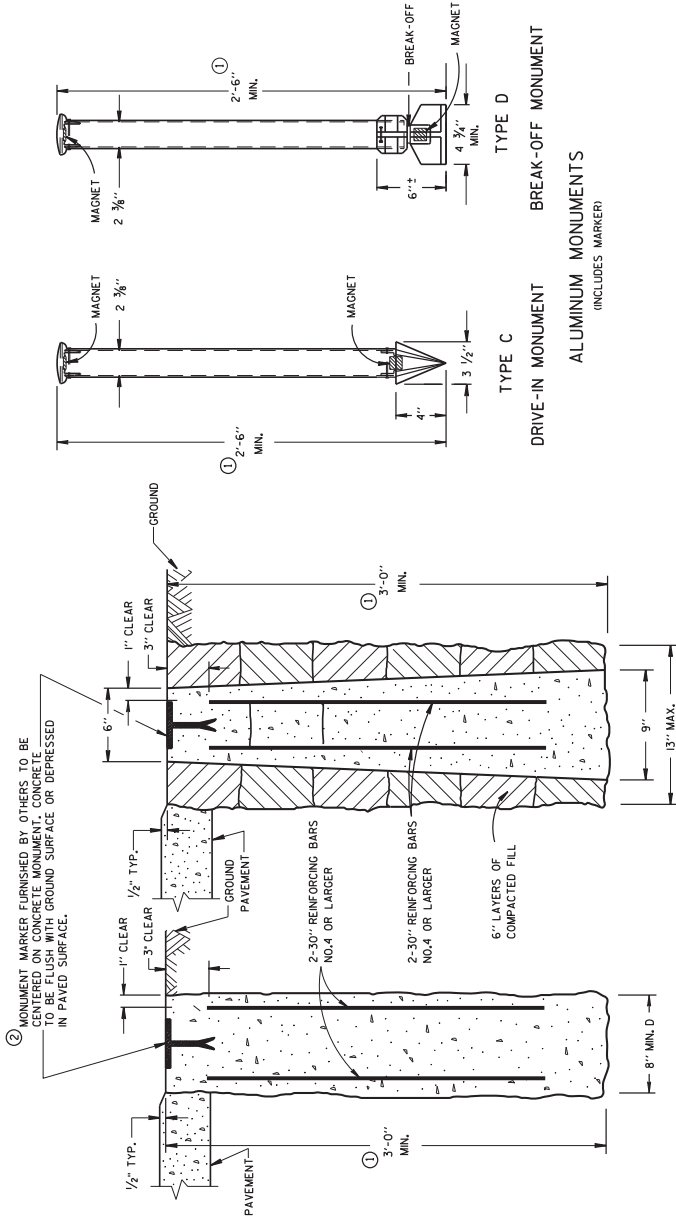
LANDMARK REFERENCE
 MONUMENTS AND COVERS

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 28A

APPROVED
 DATE 3/22/1989
 /S/ RORY L. RINNESEN, P.E.
 CHIEF ROADWAY DEVELOPMENT ENGINEER
 P.H.W.A.

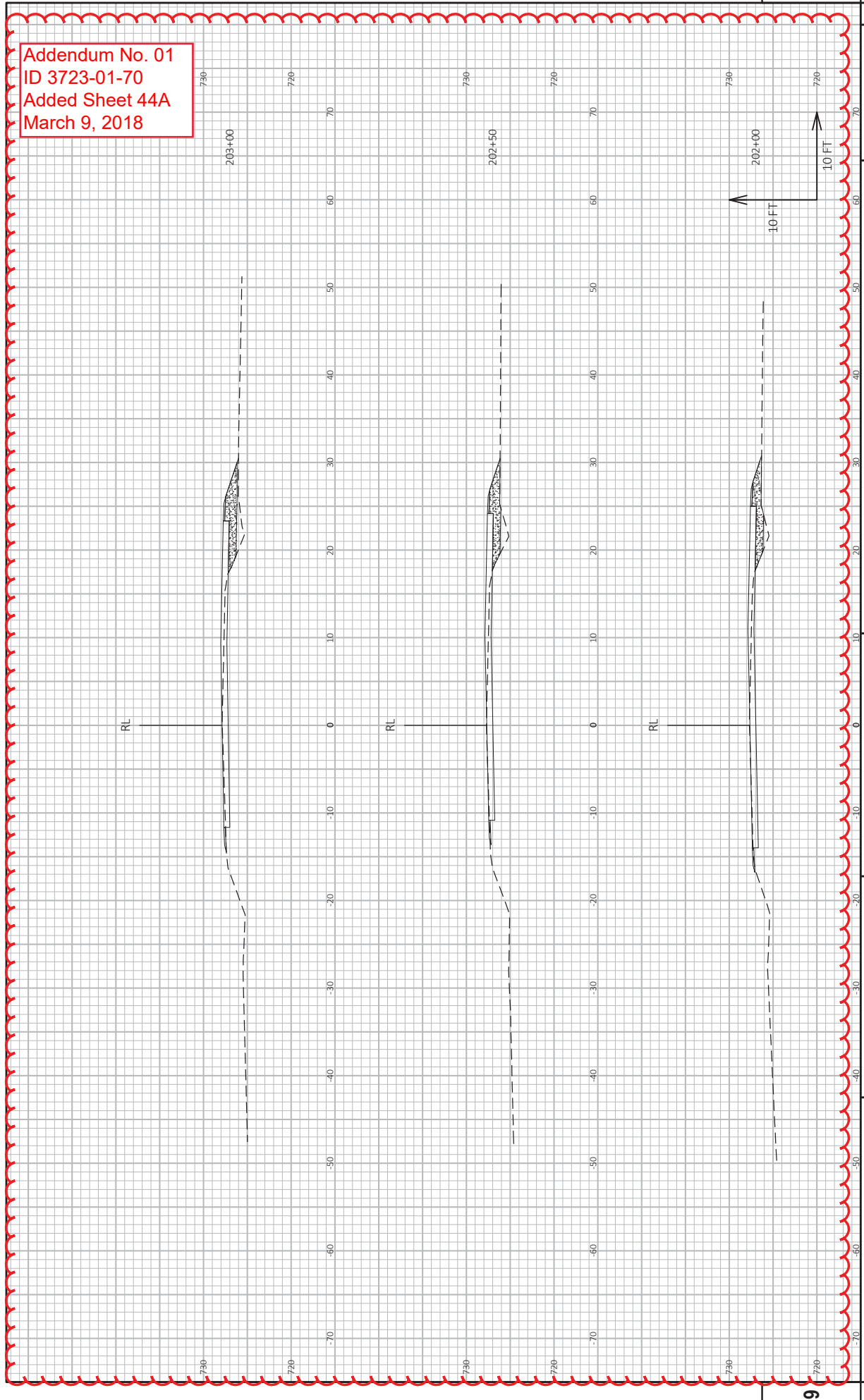
GENERAL NOTES

- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- INSTALLED METAL MONUMENTS MUST BE EASILY DETECTED WITH A DIP NEEDLE. INSERT PERMANENT MAGNETS SHALL BE ATTACHED NEAR THE TOP AND BOTTOM OF THOSE MONUMENTS CONSTRUCTED OF A METAL ALLOY WHICH IS NOT ATTRACTIVE TO A DIP NEEDLE.
- THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.
- MONUMENTS SHALL BE LOCATED AT THE DIRECTION OF THE ENGINEER.
- ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.
- THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.
- MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.
- MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.
- AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS HIS DOT MARKER.



WIS DOT MONUMENT MARKER LOGO FOR TYPES "A", "C", & "D"

Addendum No. 01
ID 3723-01-70
Added Sheet 44A
March 9, 2018

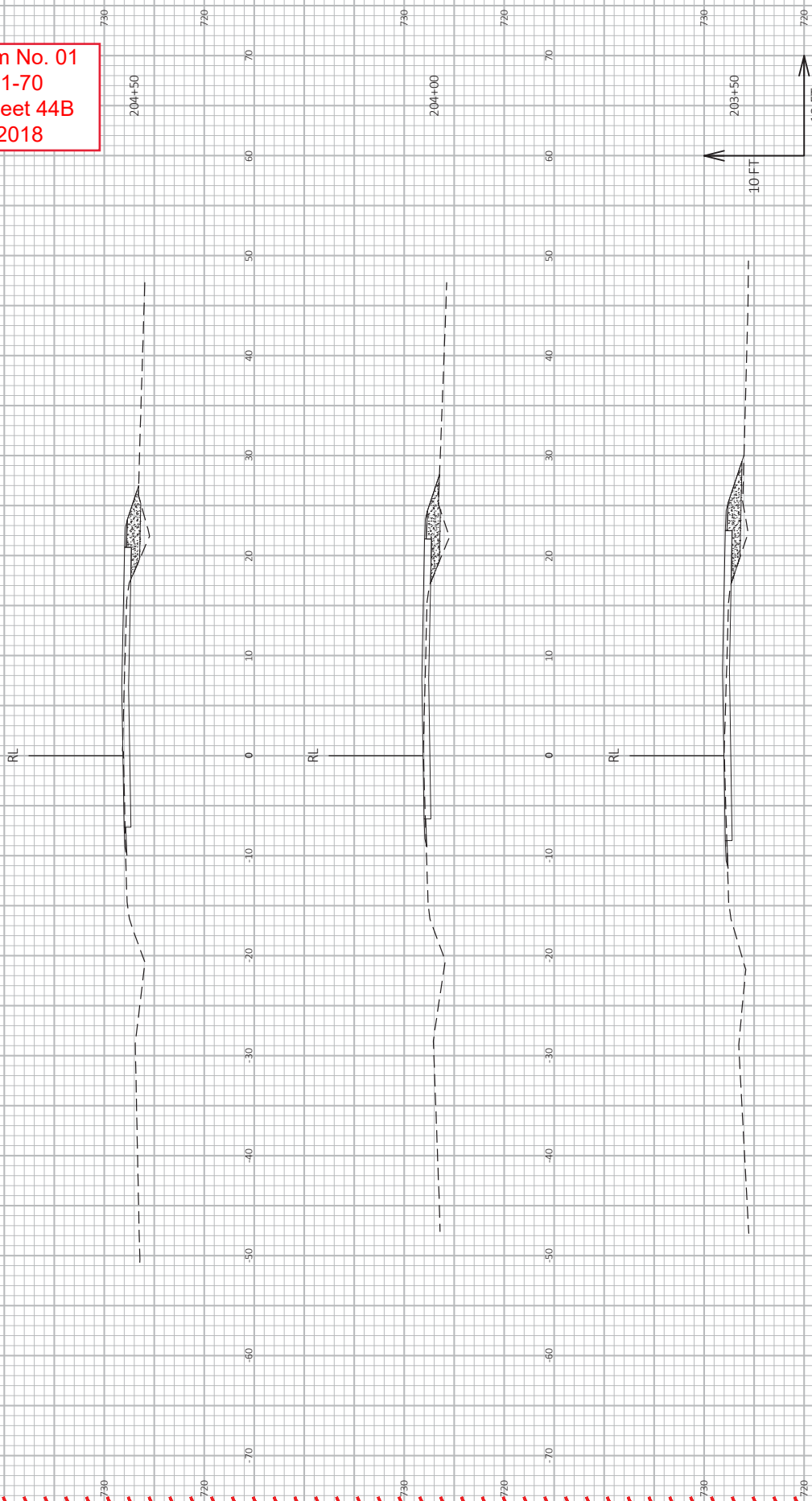


9

9

PROJECT NO: 3723-01-70
FILE NAME: J:\ACTIVE\VE\3723-01-00_3765-04-00\CTH_FL_CTH_A\37230100\SHEETS\PLAN\3765000-CTH_A\090-02-XS.DWG
LAYOUT NAME: 23
COUNTY: KENOSHA
HWY: CTH H
CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H
PLOT BY: TYLER OWENS
PLOT DATE: 2/15/2018 5:08 PM
PLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.
SHEET 44A
E
WISDOT/CADDIS SHEET 49

Addendum No. 01
ID 3723-01-70
Added Sheet 44B
March 9, 2018



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9

PROJECT NO: 3723-01-70

HWY: CTH H

COUNTY: KENOSHA

CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H

SHEET 44B

E

FILE NAME: J:\ACTIVE\3723-01-00_3765-04-00\CTH_H_CTH_H\AK3D\37230100\SHEETS\PLAN\3765000-CTH_H\090-02-XS.DWG

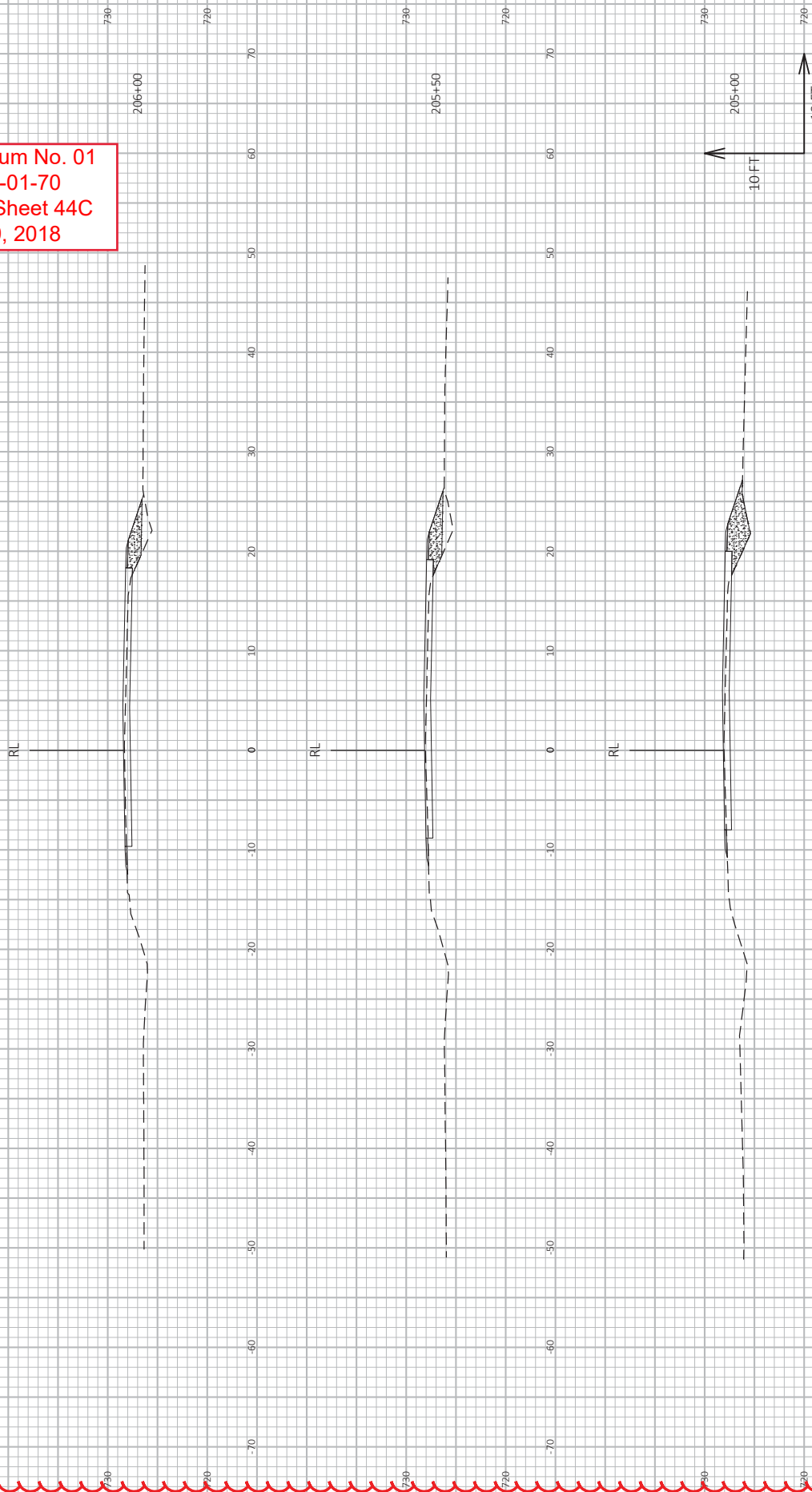
PLOT DATE: 2/15/2018 5:08 PM

PLOT BY: TYLER OWENS

PLOT SCALE: 1 IN.=10 FT. HORZ. / 1 IN.=10 FT. VERT.

WSS07/CADD/SHEET 49

Addendum No. 01
ID 3723-01-70
Added Sheet 44C
March 9, 2018



9

9

PROJECT NO: 3723-01-70

HWY: CTH H

COUNTY: KENOSHA

CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H

SHEET 44C

FILE NAME: J:\ACTIVE\3723-01-00_3765-04-00\CTH_H_CTH_H\AK3D\37230100\SHEETS\PLAN\3765000-CTH_H\090-02-XS.DWG

LAYOUT NAME: 25

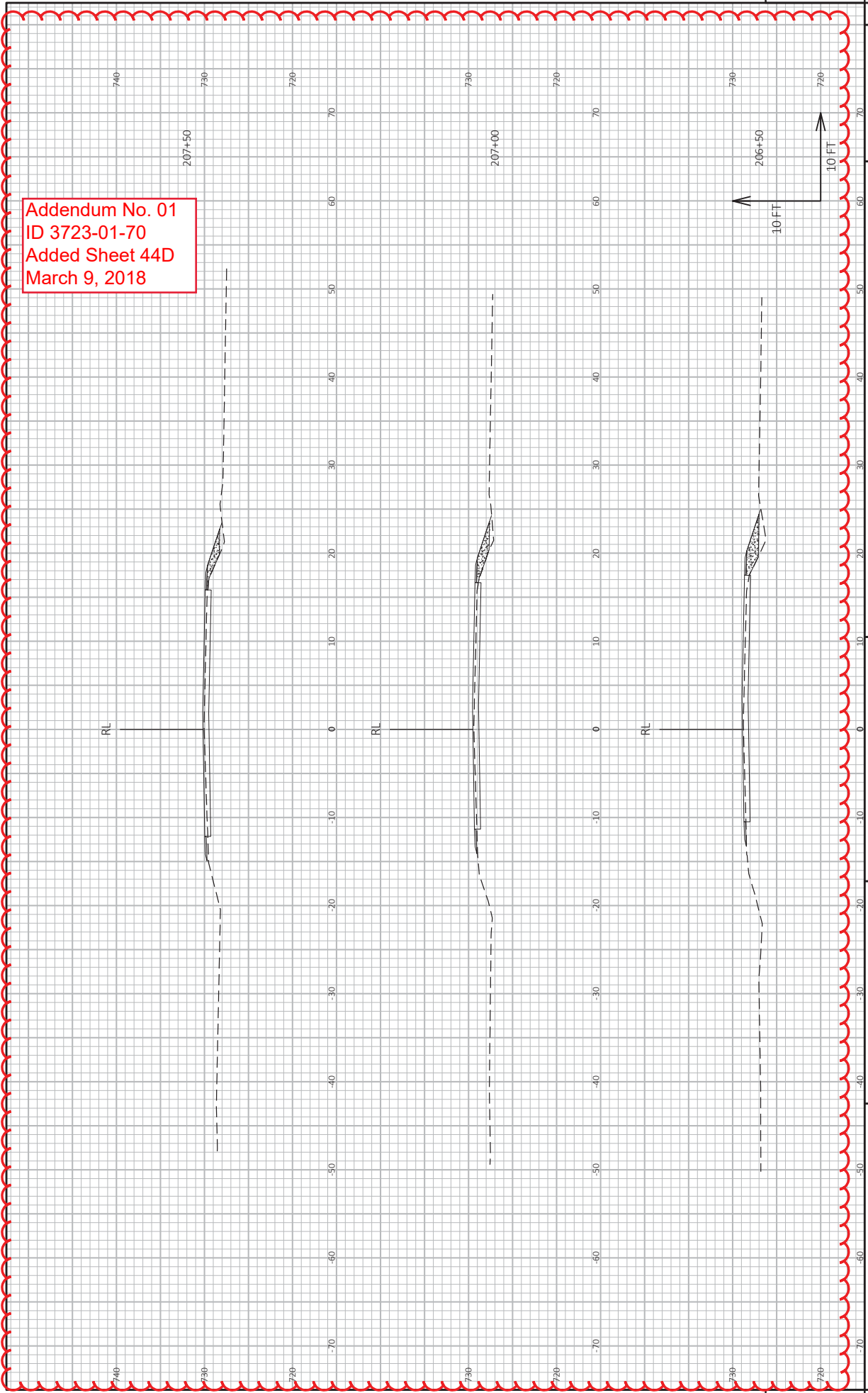
PLOT DATE: 2/15/2018 5:08 PM

PLOT BY: TYLER OWENS

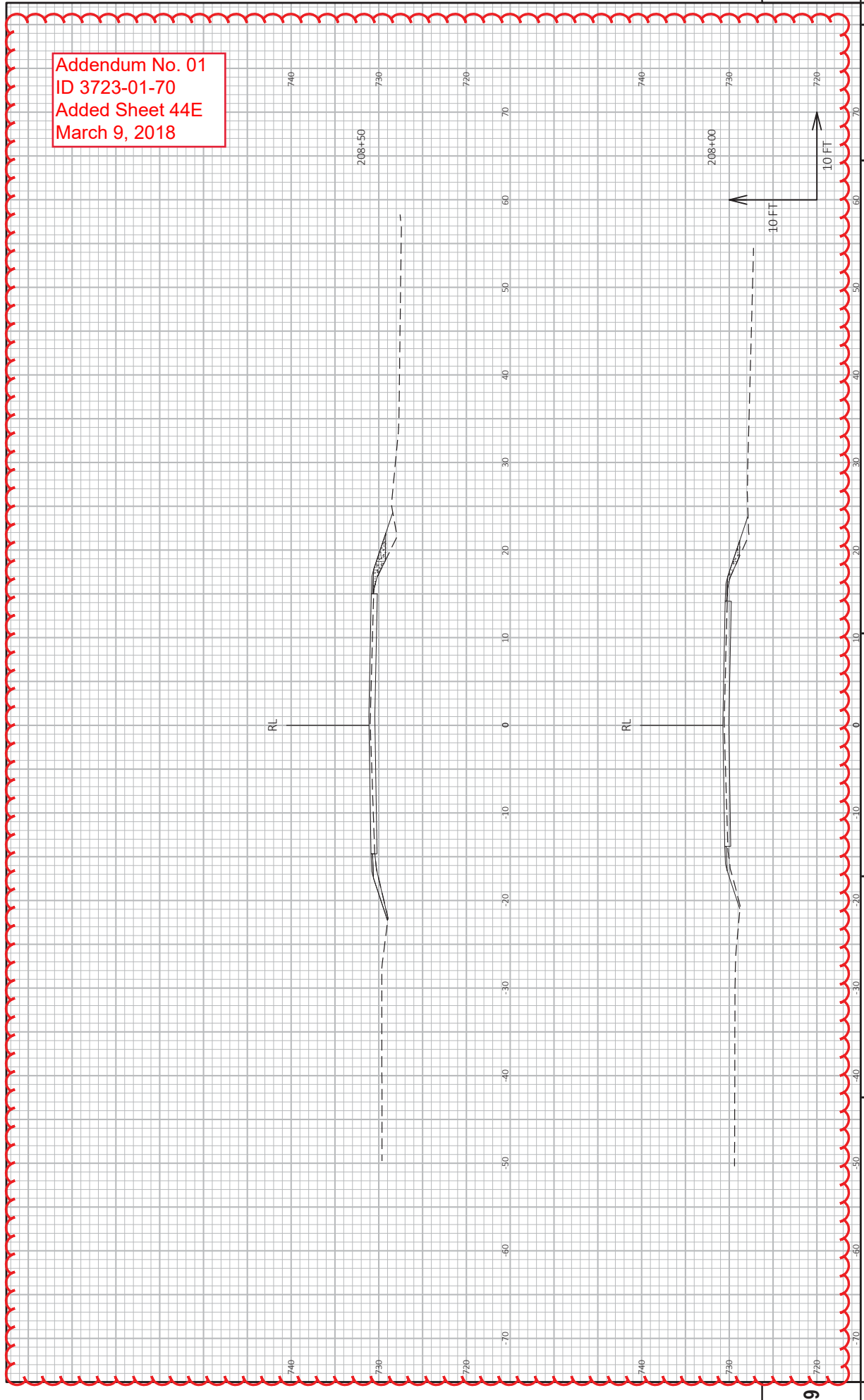
PLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.

WISSOT/CADD/SHEET 49

Addendum No. 01
ID 3723-01-70
Added Sheet 44D
March 9, 2018



Addendum No. 01
ID 3723-01-70
Added Sheet 44E
March 9, 2018

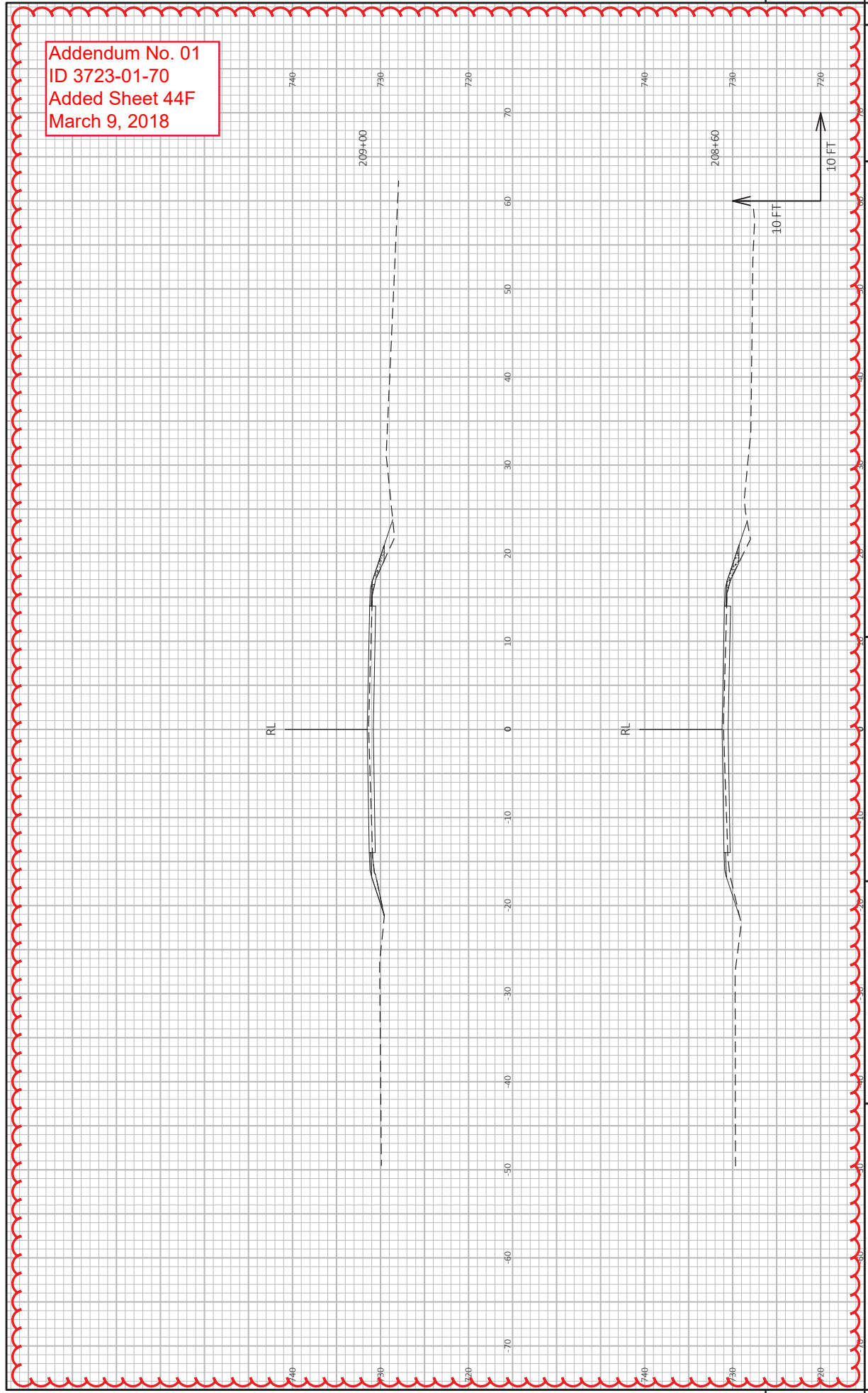


PROJECT NO: 3723-01-70
HWY: CTH H
COUNTY: KENOSHA
CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H
PLOT BY: TYLER OWENS
PLOT DATE: 2/15/2018 5:08 PM
PLOTS SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.
SHEET 44E
WISSOT/CADD/SHEET 49

9

9

Addendum No. 01
ID 3723-01-70
Added Sheet 44F
March 9, 2018

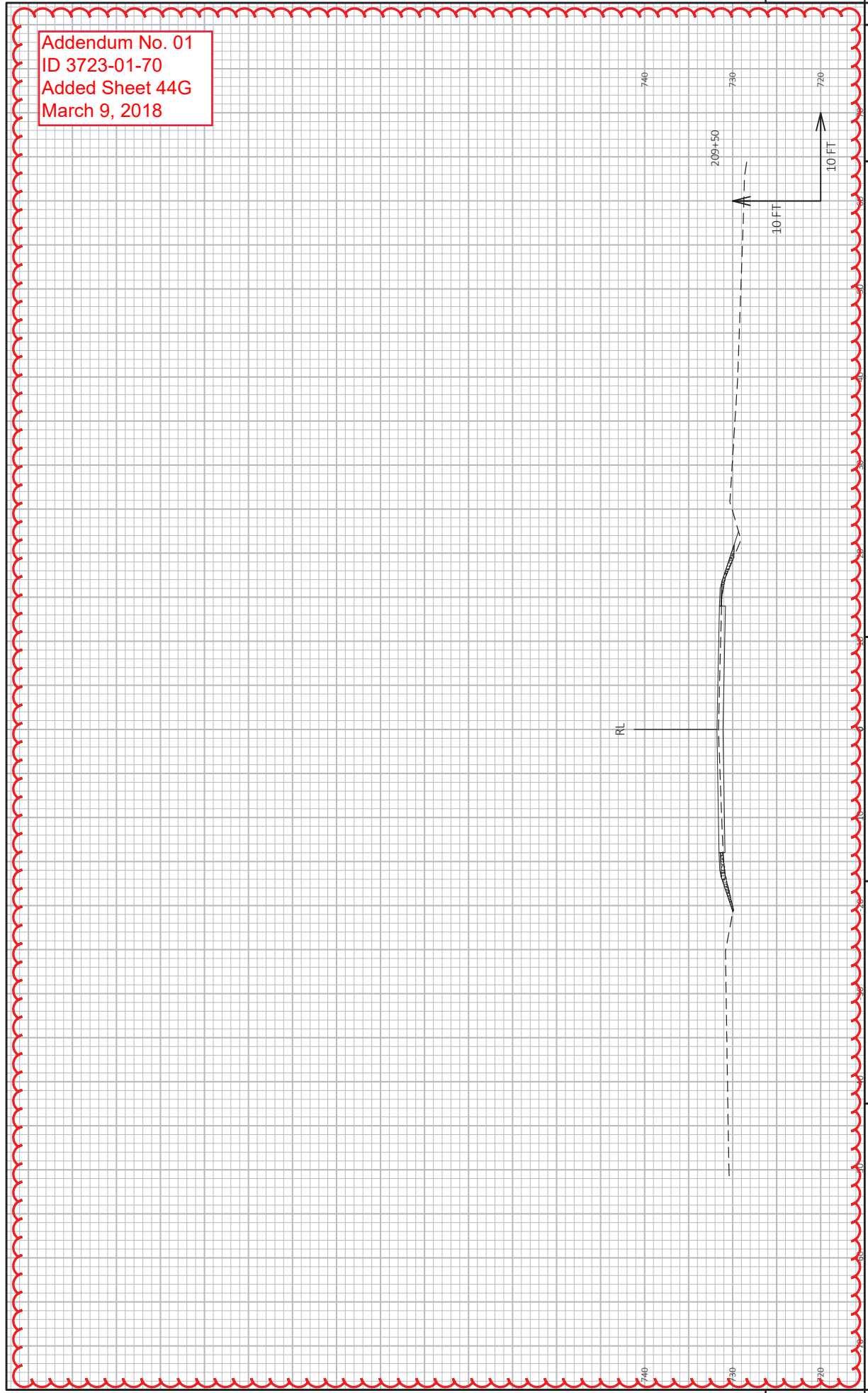


PROJECT NO: 3723-01-70
HWY: CTH H
COUNTY: KENOSHA
CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H
PLOT BY: TYLER OWENS
PLOT DATE: 2/15/2018 5:08 PM
FILE NAME: J:\ACTIVE\3723-01-00_3765-04-00\CTH H_CTH H_A\37230100\SHEETS\PLAN\3765000-CTH H\000-02-XS.DWG
LAYOUT NAME: 28
SHEET 44F
E
9

WISDOT/CADDIS SHEET 49

PLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.

Addendum No. 01
ID 3723-01-70
Added Sheet 44G
March 9, 2018



PROJECT NO: 3723-01-70

HWY: CTH H

COUNTY: KENOSHA

DATE: 2/15/2018 5:08 PM

PLotted BY: TYLER OWENS

CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H

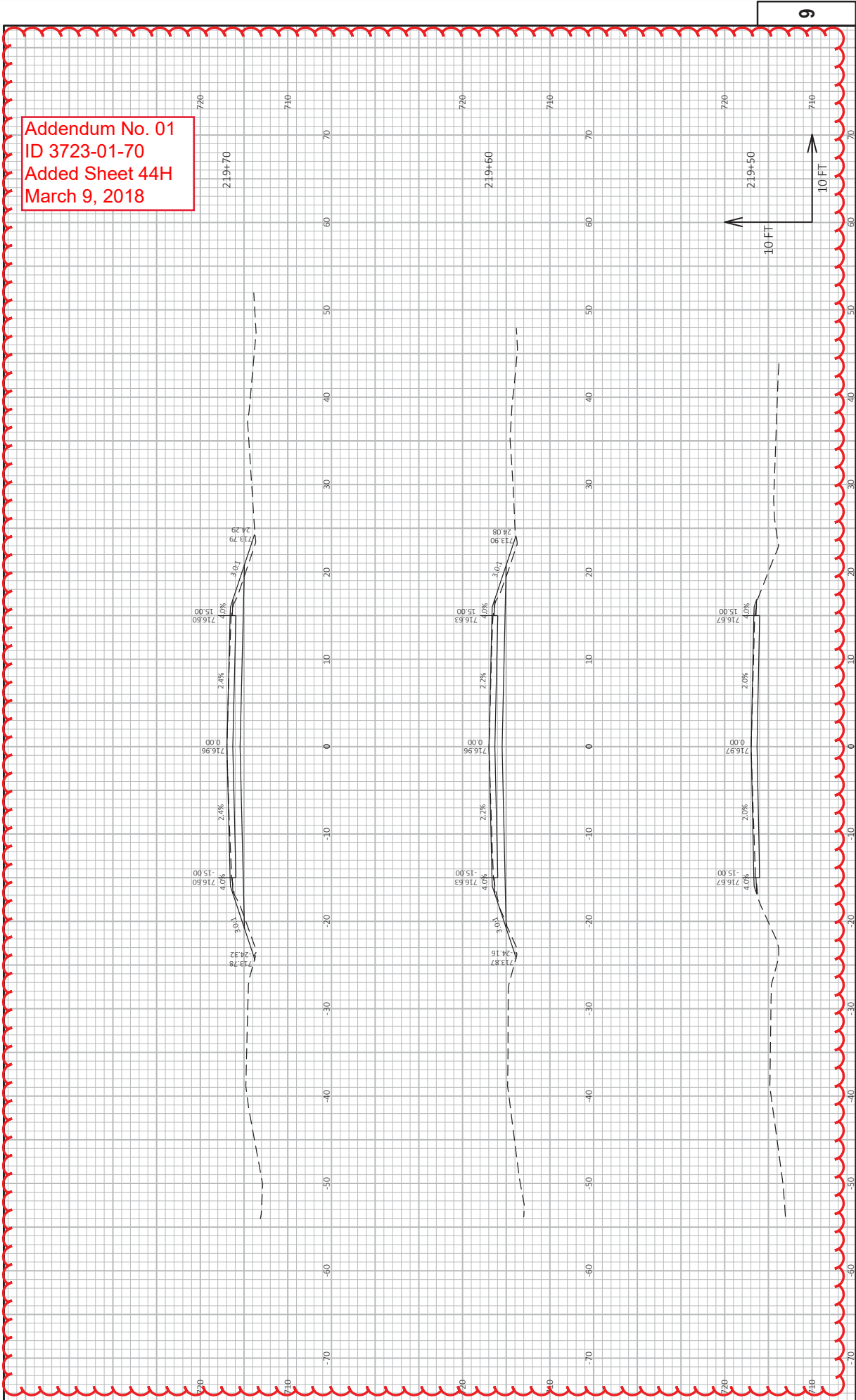
SHEET 44G

FILE NAME: J:\ACTIVE\3723-01-00_3765-04-00\CTH H_CTH H\AK3D\37230100\SHEETS\PLAN\3765000-CTH H\000-02-XS.DWG
LAYOUT NAME: 29
PLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.
WISDOT/CADDIS SHEET 49

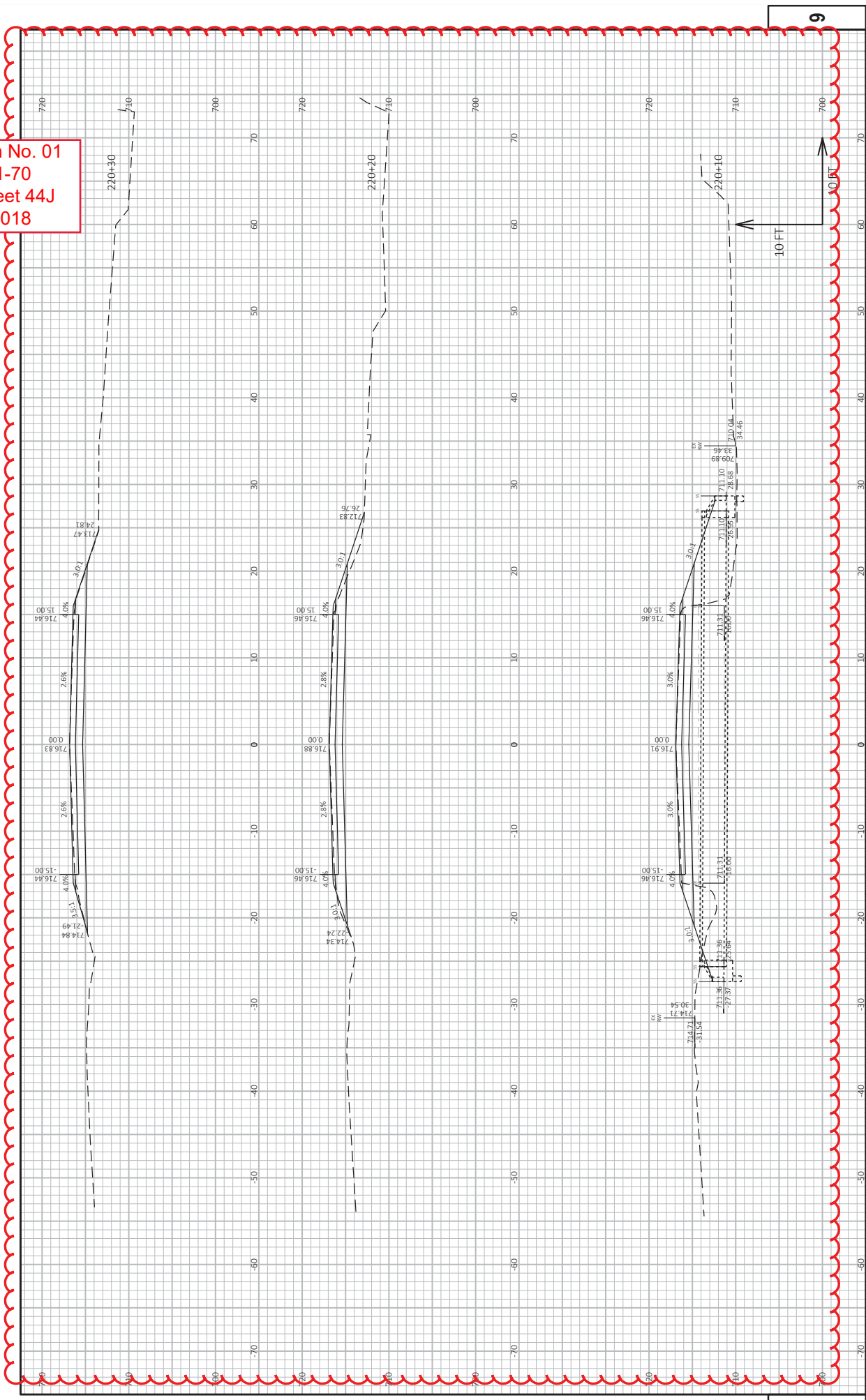
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9

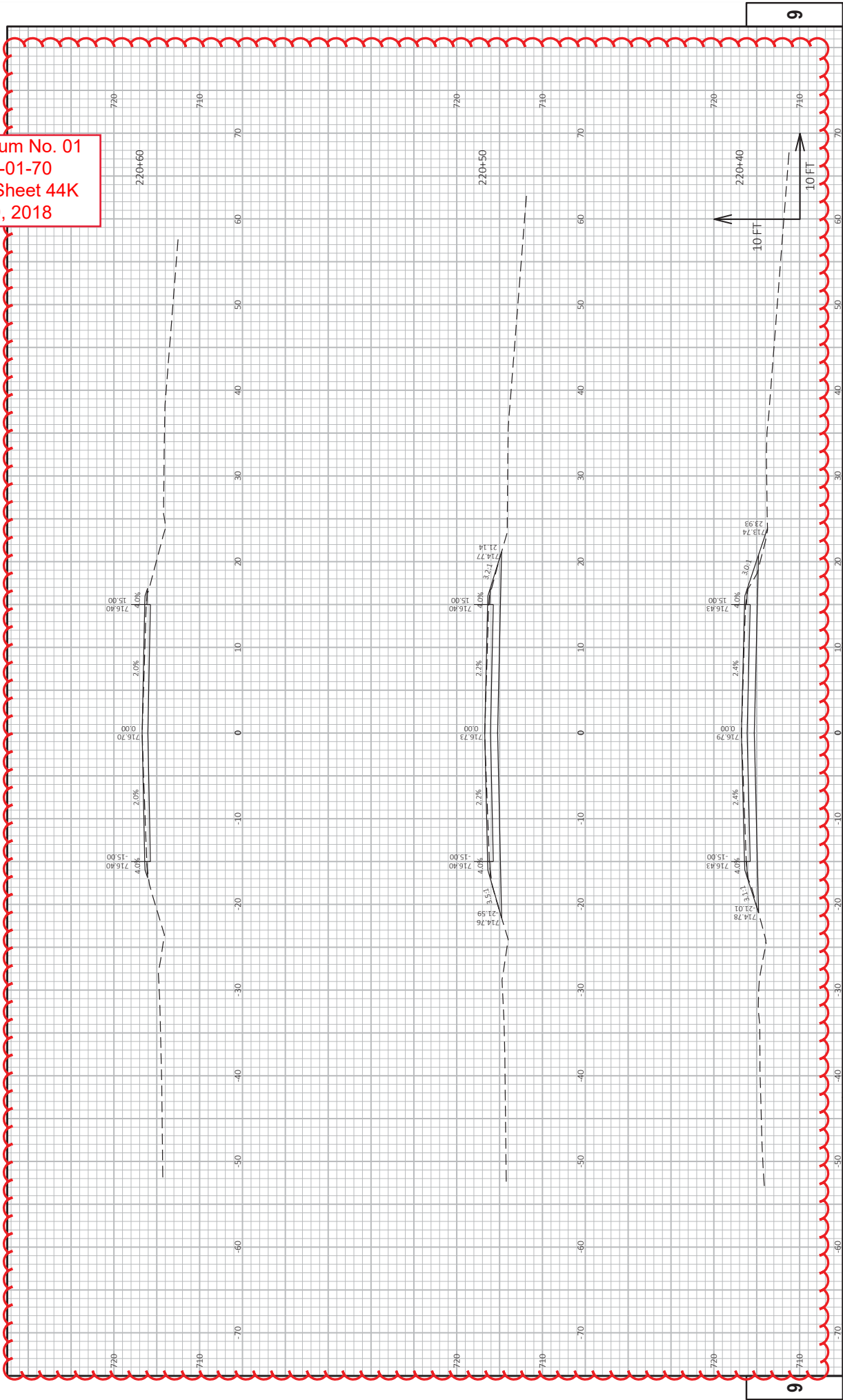
Addendum No. 01
 ID 3723-01-70
 Added Sheet 44H
 March 9, 2018

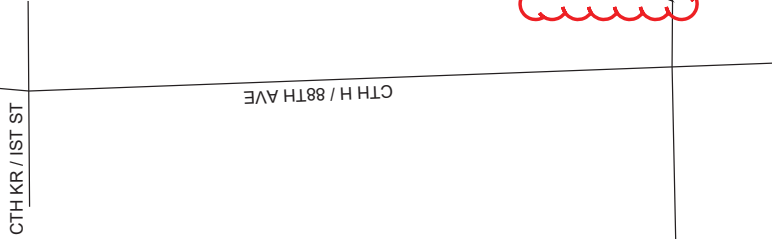


Addendum No. 01
 ID 3723-01-70
 Added Sheet 44J
 March 9, 2018



Addendum No. 01
 ID 3723-01-70
 Added Sheet 44K
 March 9, 2018

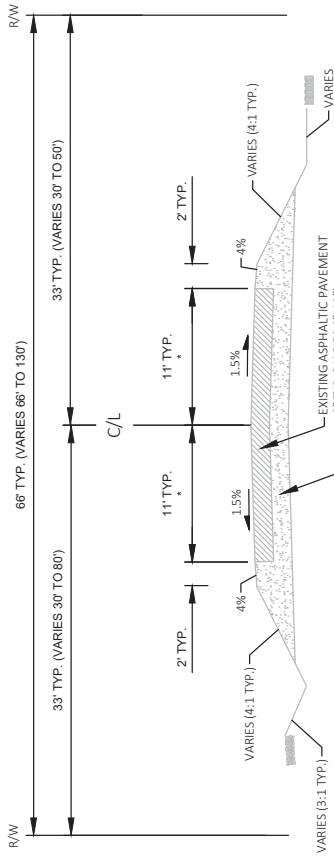




Addendum No. 01
 ID 3765-04-70
 Revised Sheet 4
 March 9, 2018

BEGIN PROJECT 3765-04-70
 STA 14+18.00
 Y = 159,738.02
 X = 594,907.02

PROJECT NO: 3765-04-70	COUNTY: KENOSHA	PROJECT OVERVIEW	SHEET 4	E
FILE NAME: J:\ACTIVE\3765-04-70\CTH A\37650400\CTH A\37650400\SHETS\PLAN\37650400-CTH A\000-001-PO.DWG	PLLOT DATE: 2/19/2018 12:28 PM	PLLOT BY: GREG BUBOLZ	PLLOT SCALE: 1 IN=100 FT	WISDOT/CADDIS SHEET 42
HWY: CTH A				
LAYOUT NAME: Plan 1 IN 100 FT				



Addendum No. 01
ID 3765-04-70
Revised Sheet 5
March 9, 2018

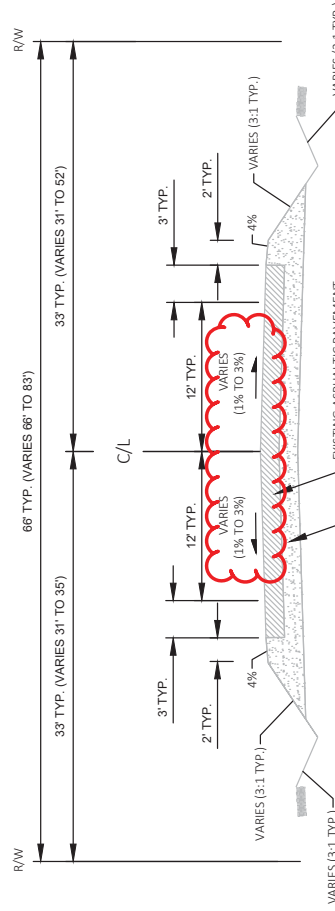
NOTE:

*12' LANE WIDTH
STA 14+18 TO 19+92

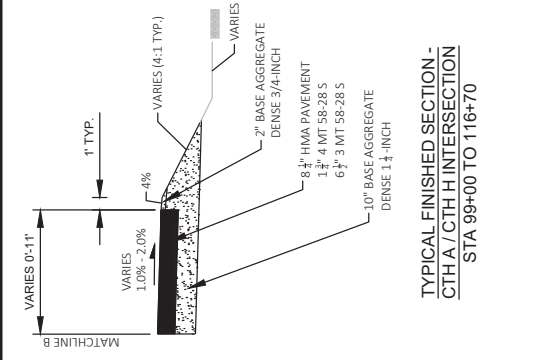
TYPICAL EXISTING SECTION - CTH A
STA 14+18 TO 116+70

NOTES SHOWN ON TYPICAL SECTIONS ARE FROM AVAILABLE BORING LOGS. BORING LOG DEPTHS ARE BASED ON FIELD MEASUREMENTS TAKEN AT THE LOCATIONS PROVIDED BELOW.

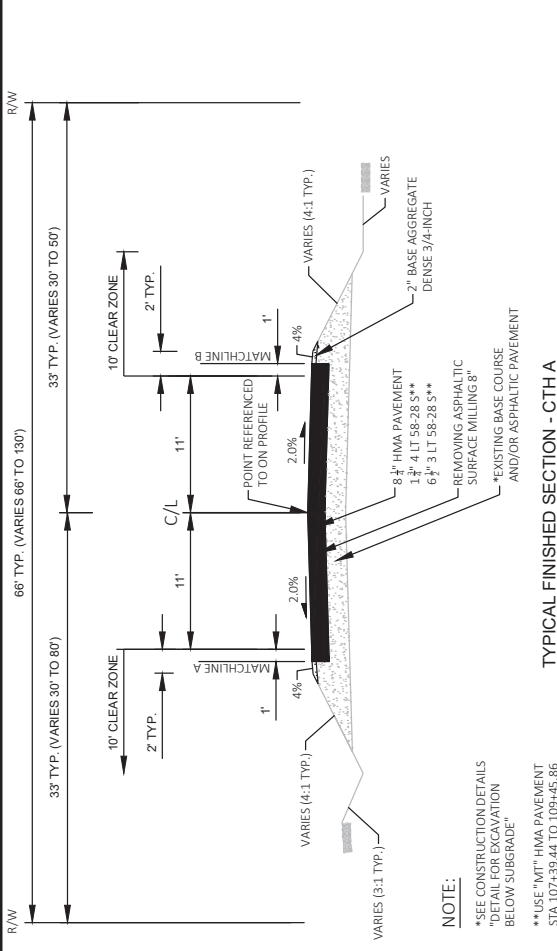
BORING	Y	X	APPROXIMATE LOCATION	ASPHALT (IN)	BASE COURSE (IN)	TOTAL (IN)
SB-A1	159766.1	594901.4	14+12.9	28.2' LT	7	23
SB-A2	159761.4	596354.1	28+65.2	6.4' LT	13	24
SB-A3	159803.0	597927.0	44+38.6	36.8' LT	6	16
SB-A4	159782.8	599426.4	59+37.5	4.5' LT	9.5	17.5
SB-A5	159816.9	600845.4	73+56.5	43.4' LT	12	20
SB-A6	159750.4	602375.1	88+86.5	10.1' RT	6	16
SB-A7	159775.6	603832.2	103+43.1	27.1' LT	8.5	16.5
SB-H18	159767.4	604374.0	200+26.5	2.2' LT	8.5	20.5



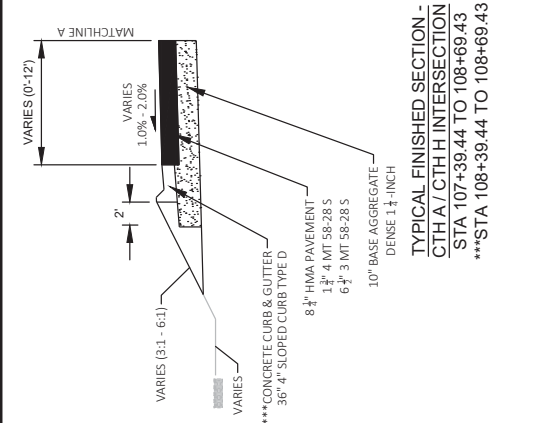
TYPICAL EXISTING SECTION - CTH H
STA 191+80 TO 201+42.72



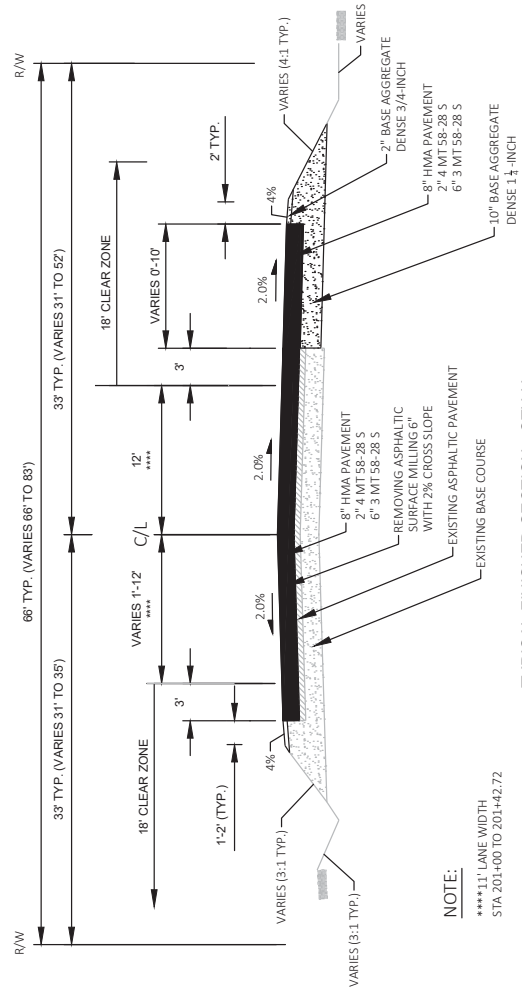
TYPICAL FINISHED SECTION - CTH A / CTH H INTERSECTION
STA 99+00 TO 116+70



TYPICAL FINISHED SECTION - CTH A
STA 14+18 TO 116+70



TYPICAL FINISHED SECTION - CTH A / CTH H INTERSECTION
STA 107+39.44 TO 108+69.43
***STA 108+39.44 TO 108+69.43



TYPICAL FINISHED SECTION - CTH H
STA 191+80 TO 201+42.72

Addendum No. 01
ID 3765-04-70
Added Sheet 5A
March 9, 2018

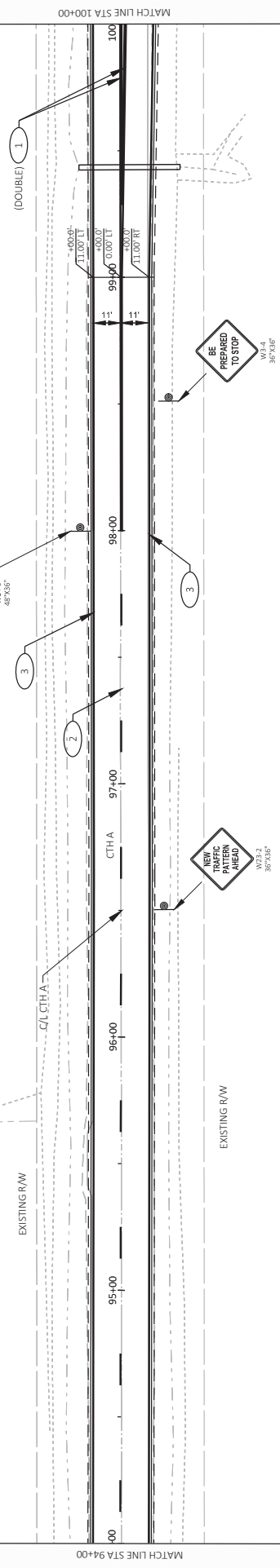
NOTE:

- *SEE CONSTRUCTION DETAILS DETAIL FOR EXCAVATION BELOW SUBGRADE*
- **USE "MT" HMA PAVEMENT STA. 107+39.44 TO 109+45.86

NOTE:

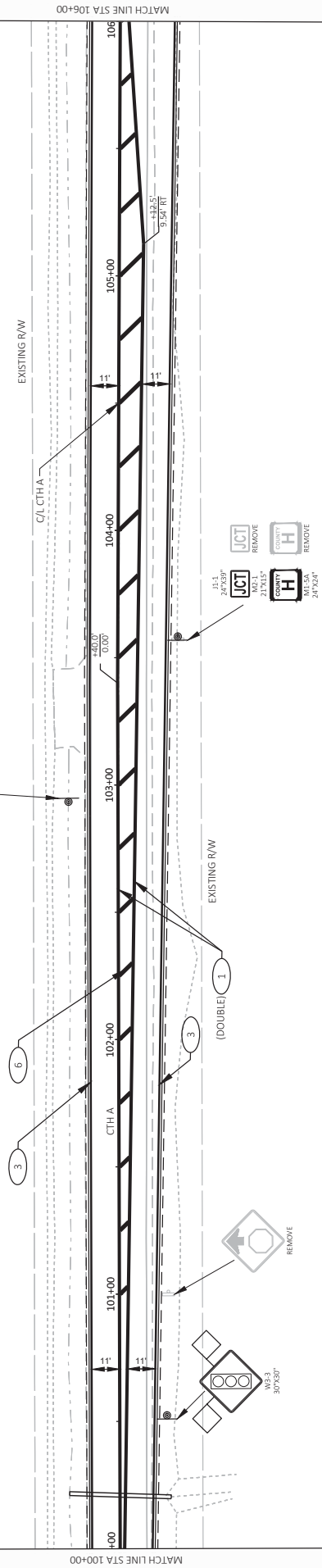
- ***1' LANE WIDTH STA. 201+00 TO 201+42.72

- 1 MARKING LINE EPOXY 4-INCH (YELLOW) (SOLID)
- 2 MARKING LINE EPOXY 4-INCH (YELLOW) (12.5 FT LINE 37.5 FT SKIP)
- 3 MARKING LINE EPOXY 4-INCH (WHITE)
- 4 MARKING STOP LINE EPOXY 18-INCH
- 5 MARKING LINE EPOXY 8-INCH (WHITE)
- 6 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 7 MARKING ARROW EPOXY (TYPE 2)(WHITE)
- 8 MARKING ARROW EPOXY (TYPE 3)(WHITE)



Addendum No. 01
 ID 3765-04-70
 Revised Sheet 23
 March 9, 2018

- 1. MARKING LINE EPOXY 4-INCH (YELLOW) (SOLID)
- 2. MARKING LINE EPOXY 4-INCH (YELLOW) (2.5 FT LINE 37.5 FT SKIP)
- 3. MARKING LINE EPOXY 4-INCH (WHITE)
- 4. MARKING STOP LINE EPOXY 18-INCH
- 5. MARKING LINE EPOXY 8-INCH (WHITE)
- 6. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 7. MARKING ARROW EPOXY (TYPE 2)(WHITE)
- 8. MARKING ARROW EPOXY (TYPE 3)(WHITE)

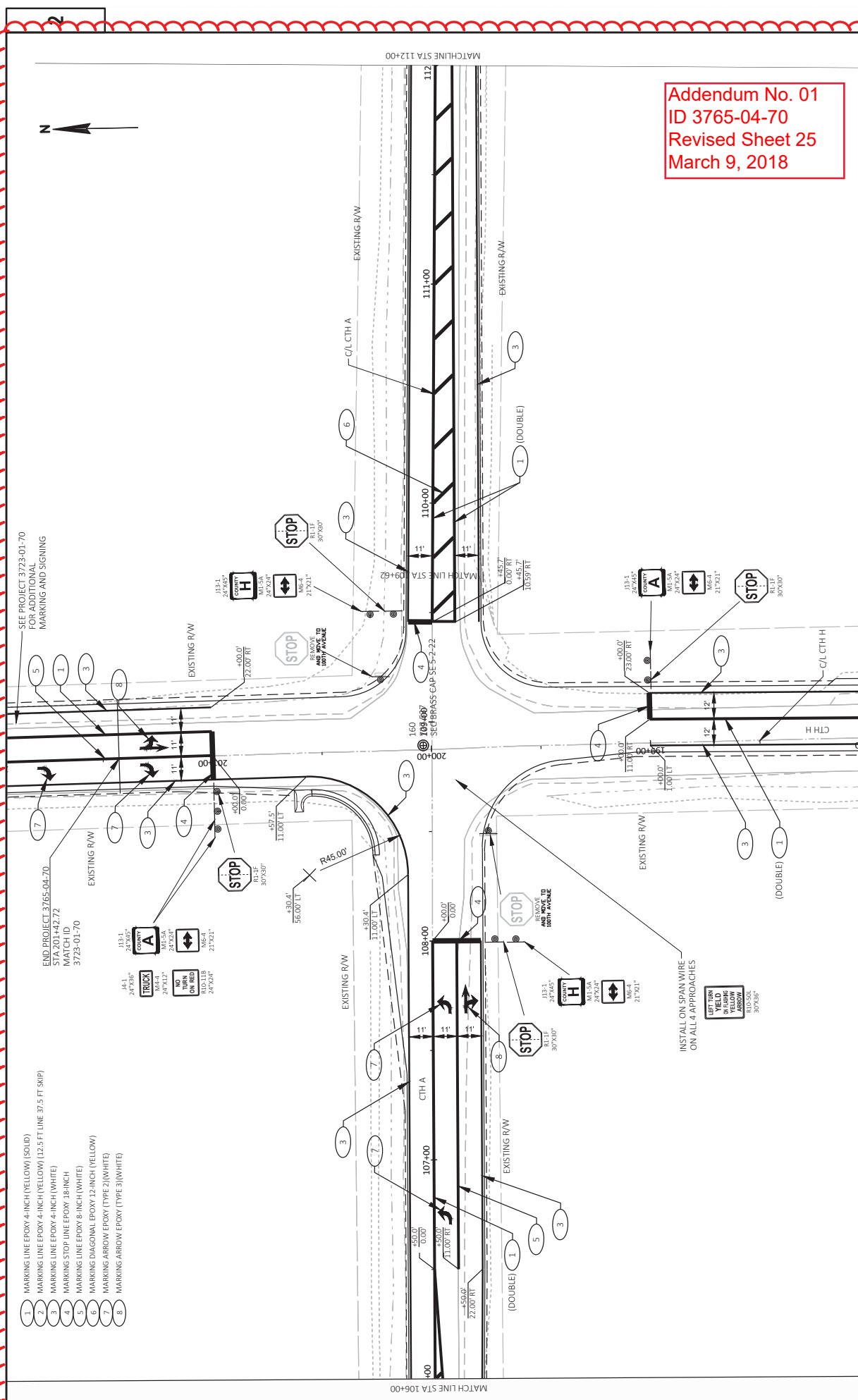


Addendum No. 01
 ID 3765-04-70
 Revised Sheet 24
 March 9, 2018

- 1 MARKING LINE EPOXY 4-INCH (YELLOW) (SOLID)
- 2 MARKING LINE EPOXY 4-INCH (YELLOW) (12.5 FT LINE 37.5 FT SKIP)
- 3 MARKING LINE EPOXY 4-INCH (WHITE)
- 4 MARKING STOP LINE EPOXY 18-INCH
- 5 MARKING LINE EPOXY 8-INCH (WHITE)
- 6 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 7 MARKING ARROW EPOXY (TYPE 2)(WHITE)
- 8 MARKING ARROW EPOXY (TYPE 3)(WHITE)

END PROJECT 3765-04-70
 STA 201+42.72
 MATCH ID
 3723-01-70

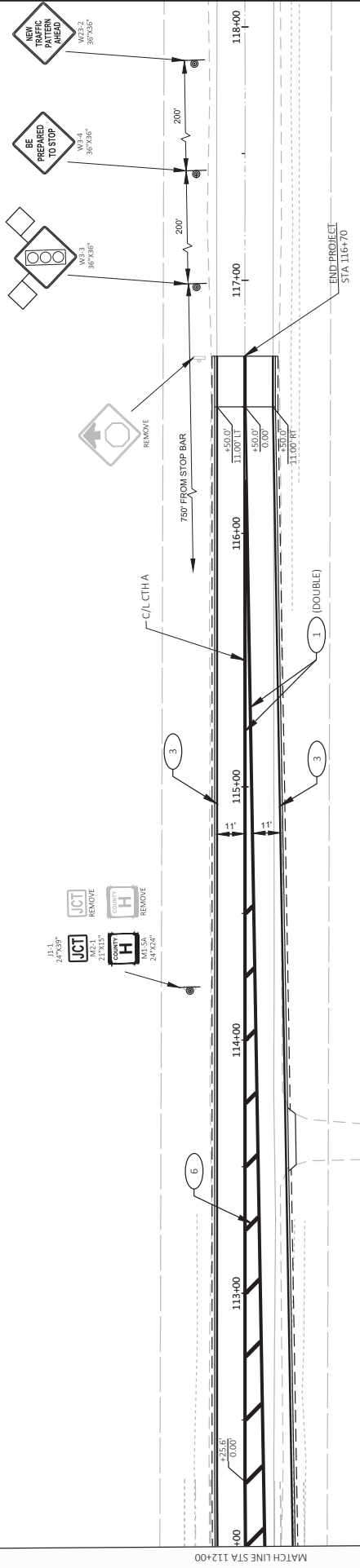
SEE PROJECT 3723-01-70
 FOR ADDITIONAL
 MARKING AND SIGNING



Addendum No. 01
 ID 3765-04-70
 Revised Sheet 25
 March 9, 2018

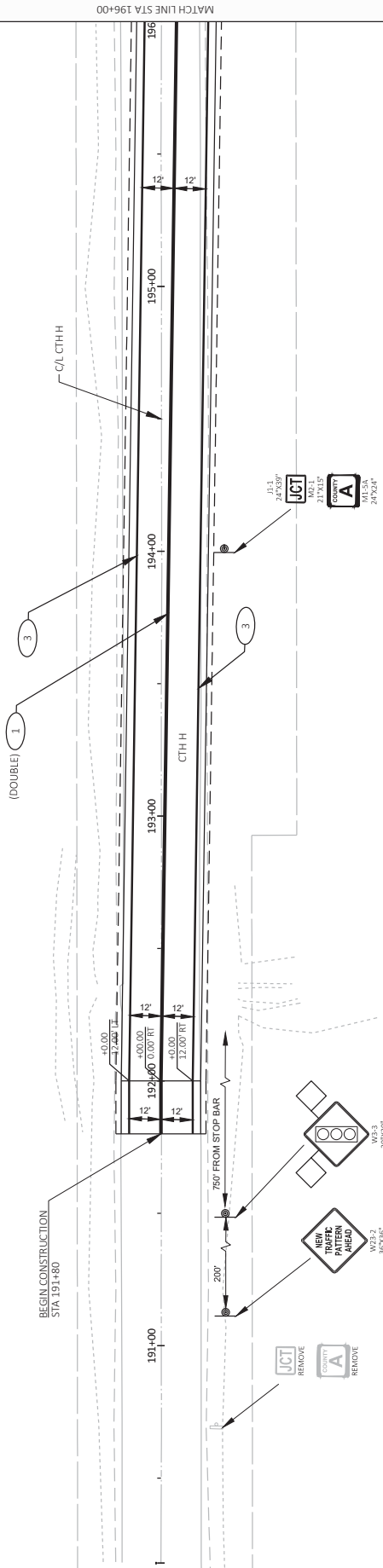
LAYOUT NAME: 17

- 1 MARKING LINE EPOXY 4-INCH (YELLOW) (SOLID)
- 2 MARKING LINE EPOXY 4-INCH (YELLOW) (12.5 FT LINE 37.5 FT SKIP)
- 3 MARKING LINE EPOXY 4-INCH (WHITE)
- 4 MARKING STOP LINE EPOXY 18-INCH
- 5 MARKING LINE EPOXY 8-INCH (WHITE)
- 6 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 7 MARKING ARROW EPOXY (TYPE 2)(WHITE)
- 8 MARKING ARROW EPOXY (TYPE 3)(WHITE)

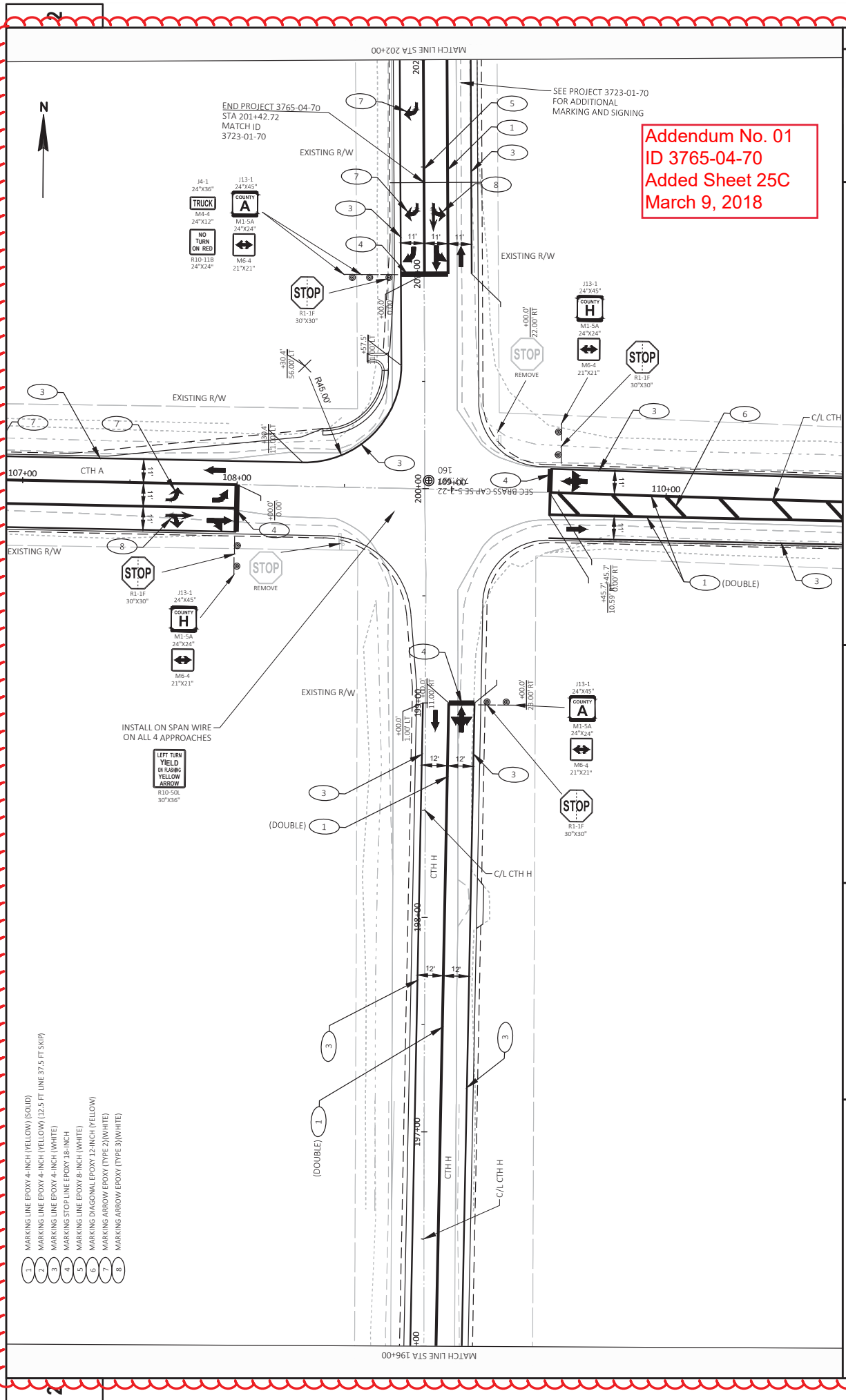


Addendum No. 01
 ID 3765-04-70
 Added Sheet 25A
 March 9, 2018

- 1 MARKING LINE EPOXY 4-INCH (YELLOW) (SOLID)
- 2 MARKING LINE EPOXY 4-INCH (YELLOW) (12.5 FT LINE 37.5 FT SKIP)
- 3 MARKING LINE EPOXY 4-INCH (WHITE)
- 4 MARKING STOP LINE EPOXY 18-INCH
- 5 MARKING LINE EPOXY 6-INCH (WHITE)
- 6 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 7 MARKING ARROW EPOXY (TYPE 2)(WHITE)
- 8 MARKING ARROW EPOXY (TYPE 3)(WHITE)



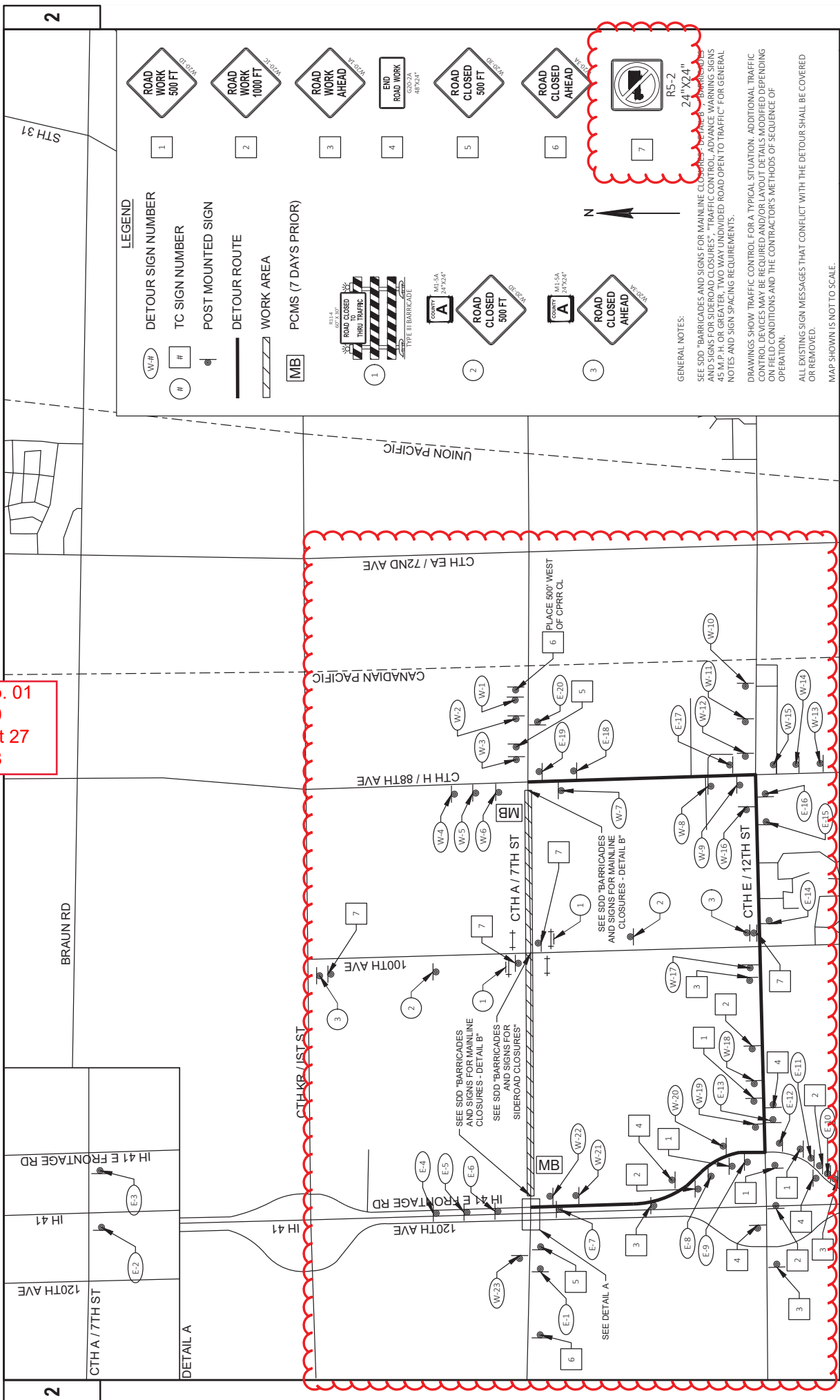
Addendum No. 01
 ID 3765-04-70
 Added Sheet 25B
 March 9, 2018



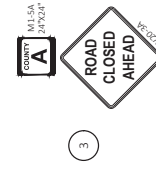
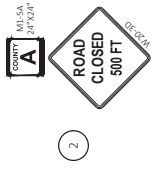
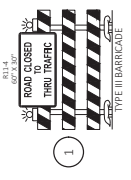
- 1 MARKING LINE EPOXY 4-INCH (YELLOW) (SOLID)
- 2 MARKING LINE EPOXY 4-INCH (YELLOW) (12.5 FT. LINE 37.5 FT. SKIP)
- 3 MARKING LINE EPOXY 4-INCH (WHITE)
- 4 MARKING STOP LINE EPOXY 18-INCH
- 5 MARKING LINE EPOXY 8-INCH (WHITE)
- 6 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 7 MARKING ARROW EPOXY (TYPE 2) (WHITE)
- 8 MARKING ARROW EPOXY (TYPE 3) (WHITE)

Addendum No. 01
 ID 3765-04-70
 Added Sheet 25C
 March 9, 2018

Addendum No. 01
 ID 3765-04-70
 Revised Sheet 27
 March 9, 2018

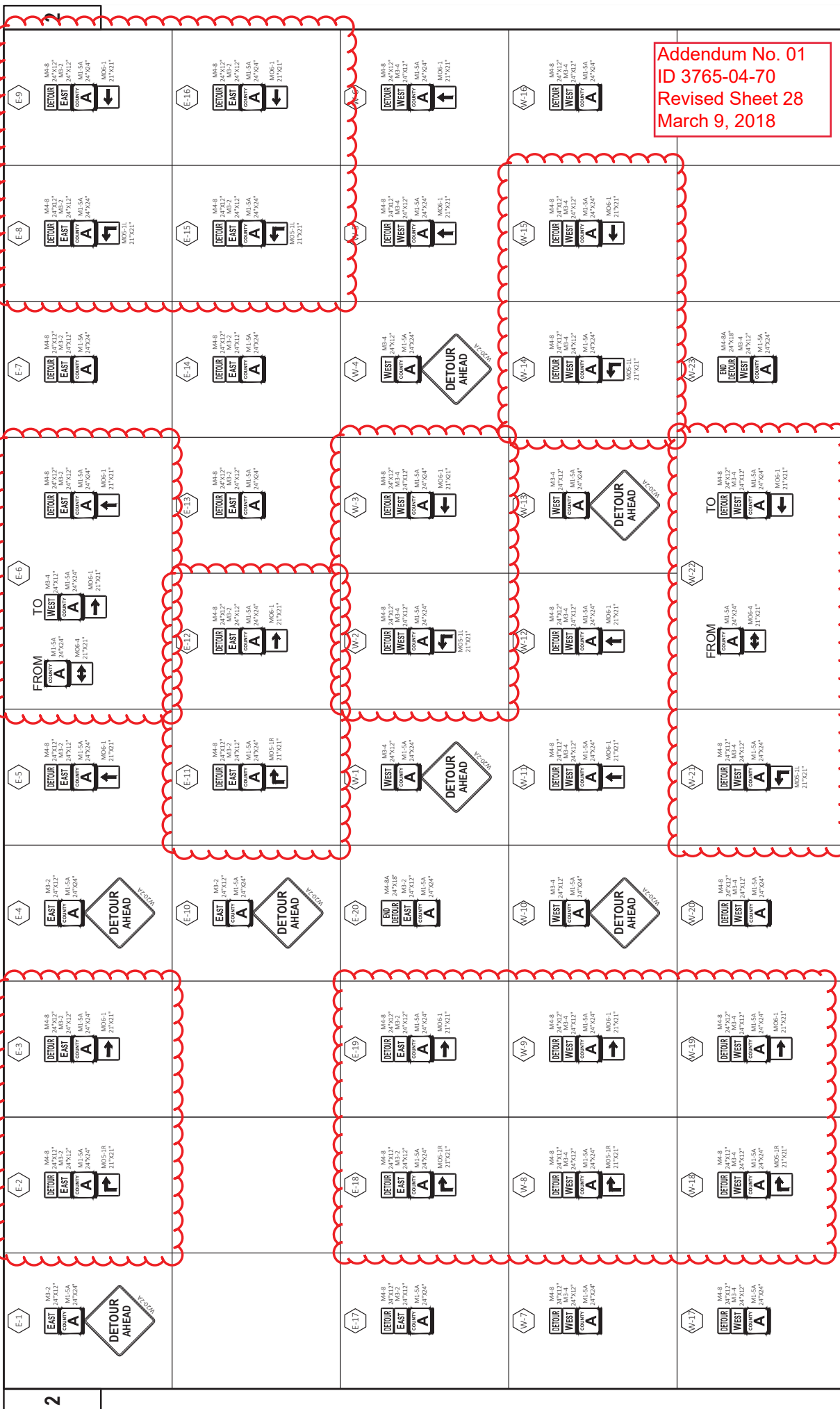


- LEGEND**
- (W-#) DETOUR SIGN NUMBER
 - (#) TC SIGN NUMBER
 - (#) POST MOUNTED SIGN
 - DETOUR ROUTE
 - ▨ WORK AREA
 - MB PCMS (7 DAYS PRIOR)



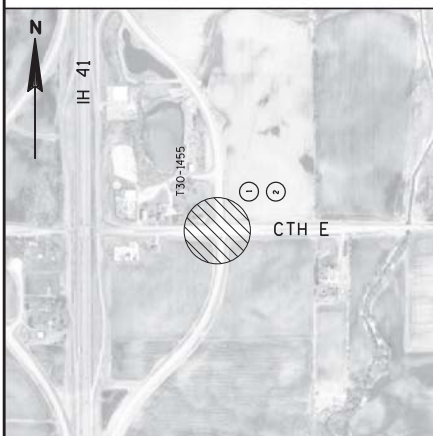
GENERAL NOTES:
 SEE SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES" FOR MAINLINE CLOSURES AND SDD "TRAFFIC CONTROL AND DETOUR MARKINGS SIGNS 45 MPH OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC" FOR GENERAL NOTES AND SIGN SPACING REQUIREMENTS.
 DRAWINGS SHOW "TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON FIELD CONDITIONS AND THE CONTRACTOR'S METHODS OF SEQUENCE OF OPERATION."
 ALL EXISTING SIGN MESSAGES THAT CONFLICT WITH THE DETOUR SHALL BE COVERED OR REMOVED.
 MAP SHOWN IS NOT TO SCALE.

PROJECT NO: 3765-04-70
 COUNTY: KENOSHA
 DETOUR PLAN / TRAFFIC CONTROL PLAN
 SHEET 27
 FILE NAME: J:\PROJECTS\3765-04-00 CTH H CTH A\CD\372000\00\SHEETPLAN\37650400-CTH A025001.TCDWG
 PLOT DATE: 2/15/2018 1:48 PM
 PLOT BY: JAMES GUDEN
 PLOT NAME: WSDOT\CADD\SHEET 42



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 March 9, 2018

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 ID 3765-04-70
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- LEGEND**
- TRAFFIC SIGNAL
XXX-XXXX
 - 1 INSTALL TEMPORARY TRAFFIC SIGNAL
 - 2 REMOVE TEMPORARY TRAFFIC SIGNAL UPON PROJECT COMPLETION
 - 3 INSTALL STATE SUPPLIED EVP EQUIPMENT

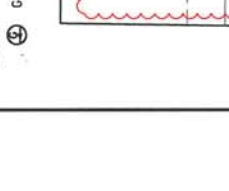
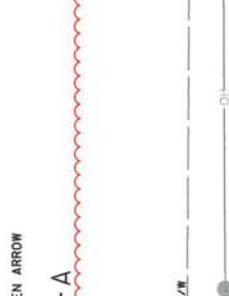
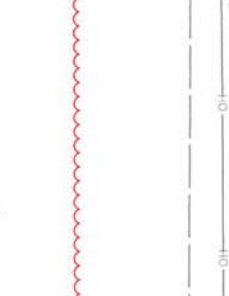
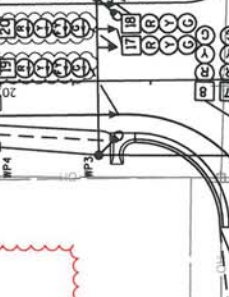
2

2

- NON-INTRUSIVE DETECTION AREA
 - ⊗ EVP DESIGNATOR
 - EVP DETECTOR HEAD
 - TEMPORARY LUMINAIRE LED CATEGORY C
 - COVER AND DE-ENERGIZE TRAFFIC SIGNAL HEAD
- NOTE: ALL LENSES ARE 12-INCH
GRAY SHADE REPRESENTS EXISTING



- ← SIGNAL HEAD, OVERHEAD MOUNT
- CLASS 4 WOOD POLE
- WOOD POST
- CABLE - OVERHEAD
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW



CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET, & HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. DETECTION AREAS ARE APPROXIMATE, ZONES SHALL BE ADJUSTED BY THE CONTRACTOR TO MATCH FIELD CONDITIONS.
4. WISDOT ELECTRICAL (414 266-1100) SHALL BE NOTIFIED 5 WORKING DAYS BEFORE TEMPORARY TRAFFIC SIGNAL TURN ON.
5. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
6. ADJUST TEMPORARY SIGNALS AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD TRAFFIC SIGNAL REQUIREMENTS.
7. INSTALL TETHER WIRE A MINIMUM OF 20' ABOVE ROADWAY.

TRAFFIC CONTROL SIGNAL
 CTH A (7TH STREET) &
 CTH H (88TH AVENUE)
 VILLAGE OF SOMERS
 KENOSHA COUNTY

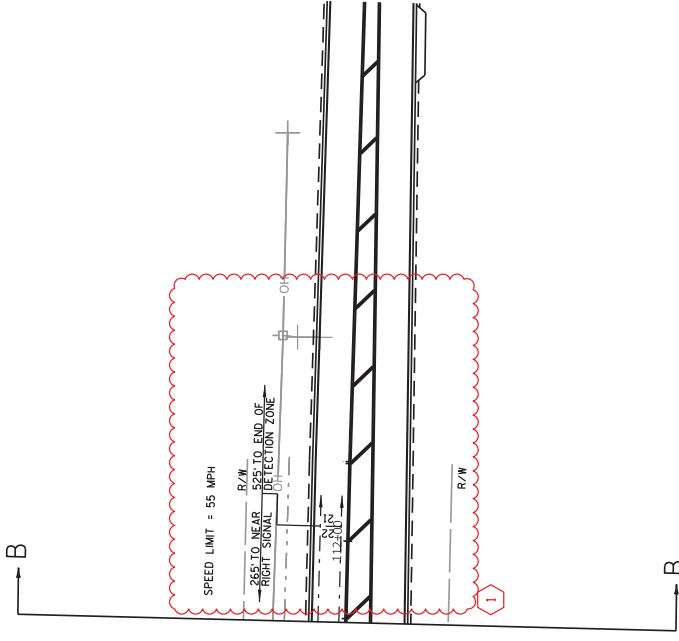
SIGNAL NO. T30-1454
 REGION CONTACT: MATTHEW COMAP
 DESIGNED BY: INTB
 REVISION: BT

PROJECT NO: 3765-04-70
 HWY: CTH A
 COUNTY: KENOSHA

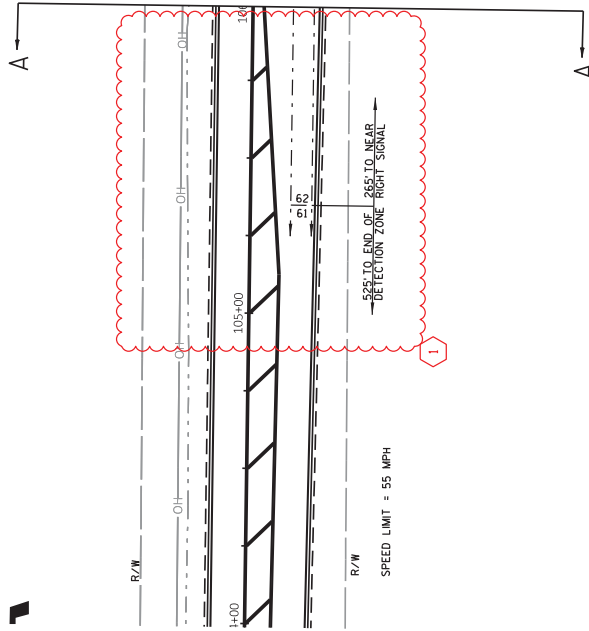
TEMPORARY TRAFFIC SIGNAL PLAN
 SHEET 30
 PAGE 1 OF 3

FILE NAME : I:\171190\Moved to Projectwise 71190\13202500-Corr-Labor-Management\12-Temp-Signals\37230170-DMAR\023911-ab-fmp-dgn
 PLOT DATE : 13/7/2018 11:38:45 AM
 PLOT BY : jmatson
 PLOT NAME :
 PLOT SCALE : 40:1
 WISDOT/CADDIS SHEET 42

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 Revised Sheet 30
 March 9, 2018



Addendum No. 01
 ID 3765-04-70
 Revised Sheet 31
 March 9, 2018



TRAFFIC CONTROL SIGNAL
 CTH A (7TH STREET) &
 CTH H (88TH AVENUE)
 VILLAGE OF SOMERS
 KENOSHA COUNTY

SIGNAL NO. T30-1454
 REGION CONTACT: MATTHEW COMP
 DESIGNED BY: HRTB
 REVISED BY:

REMOVING SMALL PIPE CULVERTS

ROADWAY	STATION	OFFSET	SIZE INCH	LENGTH FEET	TYPE	203.0100 REMOVING SMALL PIPE CULVERTS EACH
CTH A	45+14		18	40	CMCP	1
CTH A	99+43		24	40	CMCP	1
CTH A	109+26		18	40	CMCP	1
CTH A	100th Ave		18	50	CMCP	1
CTH A	100th Ave		18	50	CMCP	1
TOTAL						5

ASPHALTIC SURFACE MILLING

ROADWAY	STA	TO	STA	SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS
CTH A	14+18		116+70	25,065	107
CTH A & 100 Ave. Int				500	107
CTH A & CTH H. Int				600	53
TOTAL				26,165	267

COMMON EXCAVATION

ROADWAY	STA	TO	STA	C.Y.	205.0100 EXCAVATION COMMON
CTH A	14+18		109+70	55	
UNDISTRIBUTED EBS	14+18		109+70	7,725	
TOTAL				7,780	

ASPHALTIC FLUMES

ROADWAY	STA	LOCATION	SY	465.0315 ASPHALTIC FLUMES
CTH A & CTH H	108+75	LT	7	
TOTAL			7	

AGGREGATE ITEMS

ROADWAY	STA	TO	STA	TON	305.0110 BASE AGGREGATE DENSE 3/4-INCH	TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH	TON	312.0110 SELECT CRUSHED MATERIAL	SY	623.0200 DUST CONTROL SURFACE TREATMENT	MGAL	624.0100 WATER	SY	645.0220 GEOGRID TYPE SR	SPV.0170.01 PROOF ROLLING
CTH A	14+18		116+70	525	5,900	9,400	13,670	130	13,900	51						
UNDISTRIBUTED PROJECT				75	1,000	3,040	10,400	20	100	--						
TOTAL				600	6,900	16,710	10,400	150	14,000	51						

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March 9, 2018

ASPHALT ITEMS

ROADWAY	STA	TO	STA	UNDISTRIBUTED	450.4000 HMA COLD WEATHER PAVING	460.5223 HMA WEATHER PAVING	460.5224 HMA WEATHER PAVING	460.6223 HMA WEATHER PAVING	460.6224 HMA WEATHER PAVING	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	455.0605 TACK COAT	211.0400 FOUNDATION ASPHALTIC SHOULDERS	440.4410 INCENTIVE RIDE	460.2000 INCENTIVE DENSITY	465.0450 ASPHALTIC INTERSECTION RUMBLE STRIPS	COMMENTS
CTH A	14+18	99+00	116+70	-	10700	2900	-	-	-	10	5,265	170	7,000	8,710	80	CTH A & CTH INTERSECTION
CTH A	99+00	116+70	-	-	-	-	1,100	-	-	-	-	35	1,000	960	-	
CTH A				3,020	10,700	2,900	1,100	400	400	10	5,265	170	8,000	9,670	80	

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 March 9, 2018

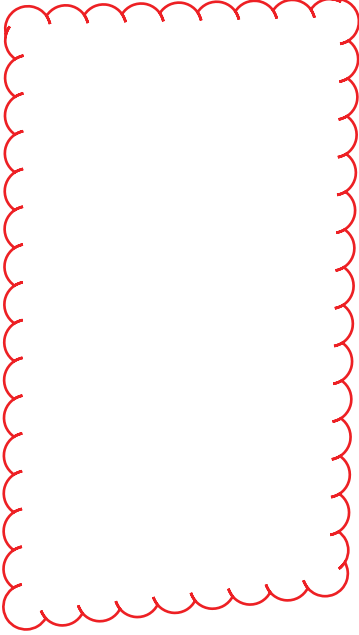
CULVERT PIPE ITEMS

ROADWAY	STATION	INLET END	STATION	ELEV	DISCHARGE END	STATION	ELEV	SLOPE	LF	LF	LF	LF	LF	LF	LF	COMMENTS
CTH A	45+13.87	20.30 RT	720.11	720.11	45+13.87	19.91 LT	719.93	0.64%	-	28	-	2	44	44	44	LESS THAN 2' OF COVERAGE OVER PIPE
CTH A	99+43	16.59 LT	721.10	721.10	99+44	23.24 RT	720.29	2.89%	-	28	-	2	44	44	44	LESS THAN 2' OF COVERAGE OVER PIPE
CTH A	100+20	19.78 LT	721.77	721.77	100+20	20.12 RT	721.59	0.65%	-	28	-	2	44	44	44	LESS THAN 2' OF COVERAGE OVER PIPE
CTH A	69+22.88	25.98 LT	741.01	741.01	68+67.54	25.43 LT	740.83	0.33%	53	-	-	2	44	44	44	LESS THAN 2' OF COVERAGE OVER PIPE
CTH A	69+21.40	25.24 RT	740.78	740.78	68+68.10	23.28 RT	739.53	2.34%	53	-	-	2	44	44	44	LESS THAN 2' OF COVERAGE OVER PIPE
TOTAL									109	56	28	10	220	220	220	

NOTES

- 1) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS. APRON ENDWALLS SHALL BE TIED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST OF THE PIPE.
- 2) STATIONS AND OFFSETS ARE TO THE END OF PIPE.

*ADDITIONAL QUANTITIES LISTED ELSEWHERE



CULVERT ENDWALL SUMMARY

ROADWAY	STATION	OFFSET	18-INCH 4 TO 1	24-INCH	30-INCH
		FT	EACH	EACH	EACH
CTH A	45+14	20.30 RT	--	1	--
CTH A	99+43	16.59 LT	--	--	1
CTH A	100+22	19.78 LT	--	1	--
CTH A	45+13.87	19.91 LT	--	1	--
CTH A	99+44	23.24 RT	--	--	1
CTH A	100+20	20.12 RT	--	1	--
CTH A	68+22.86	25.36 LT	1	--	--
CTH A	69+21.40	25.24 RT	1	--	--
CTH A	68+67.54	25.43 LT	1	--	--
CTH A	68+68.10	23.28 RT	1	--	--
TOTAL			4	4	2

NOTES

EROSION CONTROL ITEMS

ROADWAY	SILT FENCE	MAINTENANCE	SILT FENCE	CULVERT PIPE CHECKS
	LF	LF	LF	EACH
CTH A	4,000	4,000	4,000	5
UNDISTRIBUTED	200	200	200	1
TOTAL	4,200	4,200	4,200	7

RESTORATION ITEMS

ROADWAY	TOPSOIL	MULCHING	FERTILIZER	SEEDING
	SY	SY	TYPE B	MIXTURE
	SY	SY	CWT	NO. 30
	LB	LB	LB	TEMPORARY
	LB	LB	LB	LB
625.0100	1,780	1,780	2	35
627.0200	1,780	1,780	2	35
630.0130				50
630.0200				50
TOTAL	1,780	1,780	4	130

EROSION CONTROL MOBILIZATION

LOCATION	EROSION CONTROL	MOBILIZATIONS	EMERGENCY
	EACH	EACH	EACH
PROJECT	1	1	4
TOTAL	1	1	4

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Revised Sheet 40
March 9, 2018

Addendum No. 01
ID 3765-04-70
Revised Sheet 41
March 9, 2018

PERMANENT SIGNING

STATION	SIGN CODE	SIZE	POSTS	634.0616	637.0620	637.2210	637.2215	637.2230	654.0101	638.2102	638.2602	638.3000	SIGNING		MOVING		REMOVING		REMARKS		
													WOOD	16-FT	4X6-INCH	PERMANENT	TYPE II	REFLECTIVE H		TYPE II	REFLECTIVE H
14+65 RT	R2-1	24"x30"	1				5.0														
18+62 LT	W3-1	36"x36"	1																		
30+00 RT	W7-6	30"x30"	1																		
30+00 RT	W13-1	18"x18"	1																		
36+00 LT	W7-6	30"x30"	1																		
36+00 LT	W13-1	18"x18"	1																		
42+62 LT	W14-3	48"x36"	1																		
45+00 RT	W14-3	48"x36"	1																		
61+98 LT	W14-3	48"x36"	1																		
64+44 RT	W2-1	30"x30"	1																		
66+51 LT	R2-1	24"x30"	1				5.0														
68+74 LT	R1-1B	30"x30"	1																		
68+74 LT	R1-1	-	-																		
69+17 RT	R1-1B	30"x30"	1																		
69+17 RT	R1-1	-	-																		
69+52 RT	W7-6	30"x30"	1																		
69+52 RT	W13-1	18"x18"	1																		
72+50 LT	W2-1	30"x30"	1																		
75+50 LT	W7-6	30"x30"	1																		
75+50 LT	W13-1	18"x18"	1																		
77+05 LT	W2-1	-	-																		
80+07 RT	R2-1	24"x30"	1				5.0														
86+00 RT	W14-3	48"x36"	1																		
96+50 RT	W23-2	36"x36"	1																		
98+00 LT	W14-3	48"x36"	1																		
98+50 RT	W3-4	36"x36"	1																		
100+50 RT	W3-3	36"x36"	1																		
101+00 RT	W3-1	-	-																		
102+88 LT	W44-3	48"x36"	4																		
102+94 LT	R2-1	24"x30"	1				5.0														
103+58 RT	J1-1	24"x39"	1				6.5													JCT / COUNTY H	
103+58 RT	M2-1	-	-																		
103+58 RT	M1-5A	-	-																		
108+00 RT	R1-1F	30"x30"	1																		
108+00 RT	J13-1	24"x45"	1				7.5													COUNTY H / DOUBLE DIRECTIONAL ARROW	
108+49 RT	R1-1B	30"x30"	1																		
CTHA WEST LEG-																					
SPAN WIRE	R10-50L	30"x36"	-				7.5														
SUBTOTAL THIS SHEET			24				41.5														111.0
																					2
																					1
																					8
																					7

Addendum No. 01
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Revised Sheet 42
March 9, 2018

PERMANENT SIGNING

STATION	SIGN CODE	SIGN SIZE	POSTS WOOD 4X6-INCH 16-FT EACH	SIGN FLAGS PERMANENT TYPE II EACH	SIGNS REFLECTIVE H TYPE II SF	SIGNS REFLECTIVE H TYPE II SF	SIGNS FOLDING TYPE II SF	SIGNS REFLECTIVE F TYPE II SF	CONCRETE BASES TYPE I EACH	MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
CTH A EAST LEG - SPAN													
WIRE	R10-50L	30"x36"	-	-	7.5	-	-	-	-	-	-	-	-
109+19 LT	R1-1B	30"x30"	-	-	-	-	-	-	-	1	-	1	-
109+50 LT	R1-1F	30"x30"	-	-	-	6.3	-	-	-	-	-	-	-
109+50 LT	J13-1	24"x45"	-	-	7.5	-	-	-	-	-	-	-	COUNTY H / DOUBLE DIRECTIONAL ARROW
114+20 LT	J1-1	24"x39"	-	-	6.5	-	-	-	-	-	-	-	JCT / COUNTY H
114+20 LT	M2-1	-	-	-	-	-	-	-	-	-	-	-	-
114+20 LT	M1-5A	-	-	-	-	-	-	-	-	-	-	-	-
116+70 LT	W3-1	-	-	-	-	-	-	-	-	-	-	-	-
117+00 LT	W3-3	36"x36"	1	1	-	-	-	9.0	-	-	-	-	-
119+00 LT	W3-4	36"x36"	1	-	-	-	-	9.0	-	-	-	-	-
121+00 LT	W23-2	36"x36"	1	-	-	-	-	9.0	-	-	-	-	-
189+50 RT	W23-2	36"x36"	1	-	-	-	-	9.0	-	-	-	-	-
190+74 RT	M2-1	-	-	-	-	-	-	-	-	-	-	-	-
190+74 RT	M1-5A	-	-	-	-	-	-	-	-	-	-	-	-
191+50 RT	W3-3	36"x36"	1	1	-	-	-	9.0	-	-	-	-	-
194+00 RT	J1-1	24"x39"	1	-	6.5	-	-	-	-	-	-	-	JCT / COUNTY A
199+00 RT	R1-1F	30"x30"	1	-	-	6.3	-	-	-	-	-	-	-
199+00 RT	J13-1	24"x45"	1	-	7.5	-	-	-	-	-	-	-	COUNTY A / DOUBLE DIRECTIONAL ARROW
CTH H SOUTH LEG -													
SPAN WIRE													
CTH H NORTH LEG -													
SPAN WIRE													
201+00 LT	R1-1F	30"x30"	1	-	-	6.3	-	-	-	-	-	-	-
201+00 LT	J4-1	24"x36"	1	-	6.0	-	-	-	-	-	-	-	TRUCK / NO TURN ON RED
201+00 LT	J13-1	24"x45"	1	-	7.5	-	-	-	-	-	-	-	COUNTY A / DOUBLE DIRECTIONAL ARROW
CTH E & IH41 E Frontage Road Intersection													
West Leg	W23-2	36"x36"	1	-	-	-	-	9.0	-	-	-	-	-
West Leg	W3-3	36"x36"	1	1	-	-	-	9.0	-	-	-	-	-
West Leg	R1-1F	30"x30"	1	-	-	6.3	-	-	-	-	-	-	-
West Leg	R1-1F	30"x30"	1	-	-	6.3	-	-	-	-	-	-	-
West Leg - Span Wire	R10-50L	30"x36"	-	-	7.5	-	-	-	-	-	-	-	-
East Leg - Span Wire	R10-50L	30"x36"	-	-	7.5	-	-	-	-	-	-	-	-
East Leg	R1-1F	30"x30"	1	-	-	6.3	-	-	-	-	-	-	-
East Leg	R1-1F	30"x30"	1	-	-	6.3	-	-	-	-	-	-	-
East Leg	R1-1F	30"x30"	1	-	-	6.3	-	-	-	-	-	-	-
East Leg	W3-3	36"x36"	1	1	-	-	-	9.0	-	-	-	-	-
SUBTOTAL THIS SHEET			22	4	79.0	50.4	72.0	0	1	6	4		

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ID 3765-04-70
Added Sheet 42A
March 9, 2018

PERMANENT SIGNING

634.0616 637.0620 637.2210 637.2215 637.2230 654.0101 638.2102 638.2602 638.3000

STATION	SIGN CODE	SIZE	POSTS	SIGN FLAGS	SIGN TYPE II	SIGN REFLECTIVE H	SIGN TYPE II	SIGN REFLECTIVE H	SIGN TYPE II	SIGN REFLECTIVE F	CONCRETE BASES	MOVING SIGN TYPE II	MOVING SIGN TYPE II	REMOVING SIGN TYPE II	REMOVING SIGN TYPE II	REMOVING SMALL SIGN SUPPORTS	REMARKS
East Leg	W23-2	36"x36"	1	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-
South Leg	W3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Leg	W23-2	36"x36"	1	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-
South Leg	W3-3	36"x36"	1	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-
South Leg	R1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Leg	R1-1F	30"x30"	1	-	-	-	6.3	-	-	-	-	-	-	-	-	-	-
South Leg	R1-1F	30"x30"	1	-	-	-	6.3	-	-	-	-	-	-	-	-	-	-
South Leg - Span Wire	R10-50L	30"x36"	-	-	-	7.5	-	-	-	-	-	-	-	-	-	-	-
North Leg - Span Wire	R10-50L	30"x36"	-	-	-	7.5	-	-	-	-	-	-	-	-	-	-	-
North Leg	R1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Leg	W4-4P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Leg	R1-1F	30"x30"	1	-	-	-	6.3	-	-	-	-	-	-	-	-	-	-
North Leg	R1-1F	30"x30"	1	-	-	-	6.3	-	-	-	-	-	-	-	-	-	-
North Leg	W3-3	36"x36"	1	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-
North Leg	W23-2	36"x36"	1	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-
North Leg	W3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL THIS SHEET	9	2	7	135.5	25.2	45.0	228.0	2	2	19	5	3	14	14	3	14	
TOTAL	55	7	135.5	25.2	45.0	228.0	2	2	19	5	3	14	14	3	14		

* ADDITIONAL QUANTITIES ELSEWHERE

TRAFFIC CONTROL

643.5000	TRAFFIC CONTROL	643.1050	TRAFFIC CONTROL SIGNS POMS
	EACH		EACH**
7	0.3	2	14
TOTAL	0.3		14

** INFORMATION ONLY

CONCRETE ITEMS

601.0553
 CONCRETE CURB AND
 GUTTER-4 INCH
 SLOPPED 36-INCH TYPE
 D

LOCATION	LF
CTHA&CTHH INTERSECTION	50
TOTAL	50

TRAFFIC CONTROL DETOUR ITEMS

643.0920	TRAFFIC CONTROL COVERING	643.0900*	TRAFFIC CONTROL SIGNS
	SIGNS TYPE II		EACH**
55	1	8	194
	8	2	10,670
TOTAL	10		2,134
			12,850

*ADDITIONAL QUANTITIES LISTED ELSEWHERE
 ** INFORMATION ONLY
 APPROX. 20% FOR UNDISTRIBUTED

LANDMARK REFERENCE MONUMENTS

621.0100	LANDMARK REFERENCE MONUMENTS
	EACH
5	5
TOTAL	5

Addendum No. 01
 ID 3765-04-70
 Revised Sheet 43
 March 9, 2018

Addendum No. 01
ID 3765-04-70
Revised Sheet 44
March 9, 2018

SURVEY PROJECT
SPV.0105.08
SURVEY PROJECT
3765-04-70
LS
ROADWAY
CTH A 1
TOTAL 1

TRAFFIC CONTROL ITEMS

ROADWAY	DURATION (DAYS)	BARRICADES TYPE III	WARNING LIGHTS TYPE A	TRAFFIC CONTROL DRUMS	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL DAY
		EACH**	EACH**	EACH**	EACH**	EACH**
CTH A & IH 41 E: Frontage Road	55	8	10	2	110	-
CTH A & CTH H	55	8	10	2	110	-
CTH A & 100th Ave.	55	8	8	2	440	-
UNDISTRIBUTED		270	310	140	1100	
TOTAL		1,600	1,850	800	1,100	1,100

*ADDITIONAL QUANTITIES LISTED ELSEWHERE
** INFORMATION ONLY
APPROX. 20% FOR UNDISTRIBUTED

PAVEMENT MARKING ITEMS

ROADWAY	STATION	TO STATION	MARKING	REMOVAL	MARKING	REMOVAL	MARKING	REMOVAL	MARKING	REMOVAL	MARKING	REMOVAL
			EPOXY 4-INCH	WHITE	WHITE	4-INCH	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE
			LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
CTH A	10+50	14+18	736	30	-	-	-	-	-	-	-	-
CTH A	14+18	34+50	4,064	-	-	-	-	-	-	-	-	-
CTH A	34+50	42+62	1,015	1,624	-	-	-	-	-	-	-	-
CTH A	42+62	52+14	1,904	1,904	-	-	-	-	-	-	-	-
CTH A	52+14	53+67	38	306	-	-	-	-	-	-	-	-
CTH A	53+67	61+97	1,038	1,660	-	-	-	-	-	-	-	-
CTH A	61+97	71+73	1,952	30	-	-	-	-	-	-	-	-
CTH A	71+73	86+00	357	2,854	-	-	-	-	-	-	-	-
CTH A	86+00	98+00	300	2,400	-	-	-	-	-	-	-	-
CTH A	98+00	108+00	2,000	22	-	-	-	-	-	-	-	-
CTH A	109+50	116+70	1,440	11	-	-	-	-	-	-	-	-
CTH H	191+80	199+00	1,440	15	-	-	-	-	-	-	-	-
CTH H	200+00	208+00	1,600	15	-	-	-	-	-	-	-	-
E: Frontage Rd. & CTH E		N Leg	-	41	-	-	-	-	-	-	-	-
E: Frontage Rd. & CTH E		S. Leg	-	38	-	-	-	-	-	-	-	-
E: Frontage Rd. & CTH E		E. Leg	-	46	-	-	-	-	-	-	-	-
E: Frontage Rd. & CTH E		W. Leg	-	45	-	-	-	-	-	-	-	-
SUBTOTAL			17,900	24,000	300	110	70	50	320	4	2	6
TOTAL			41,900	110	70	50	320	50	320	4	2	6

PROJECT NO: 3765-04-70 HWY: CTH A COUNTY: KENOSHA

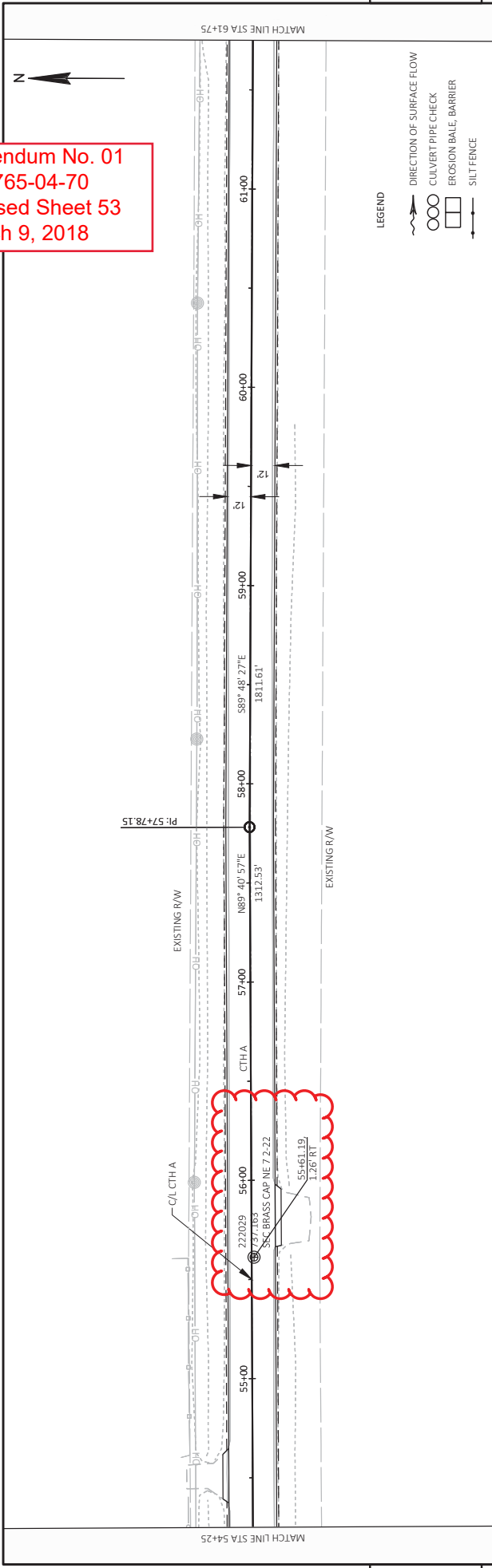
SAW CUTTING ITEMS

ROADWAY	LF	COMMENTS
CTH A	14+18	22
100th Ave	69+00	44
CTH A	109+70	22
CTH H	199+21.17	30
Driveways		90
TOTAL		225

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

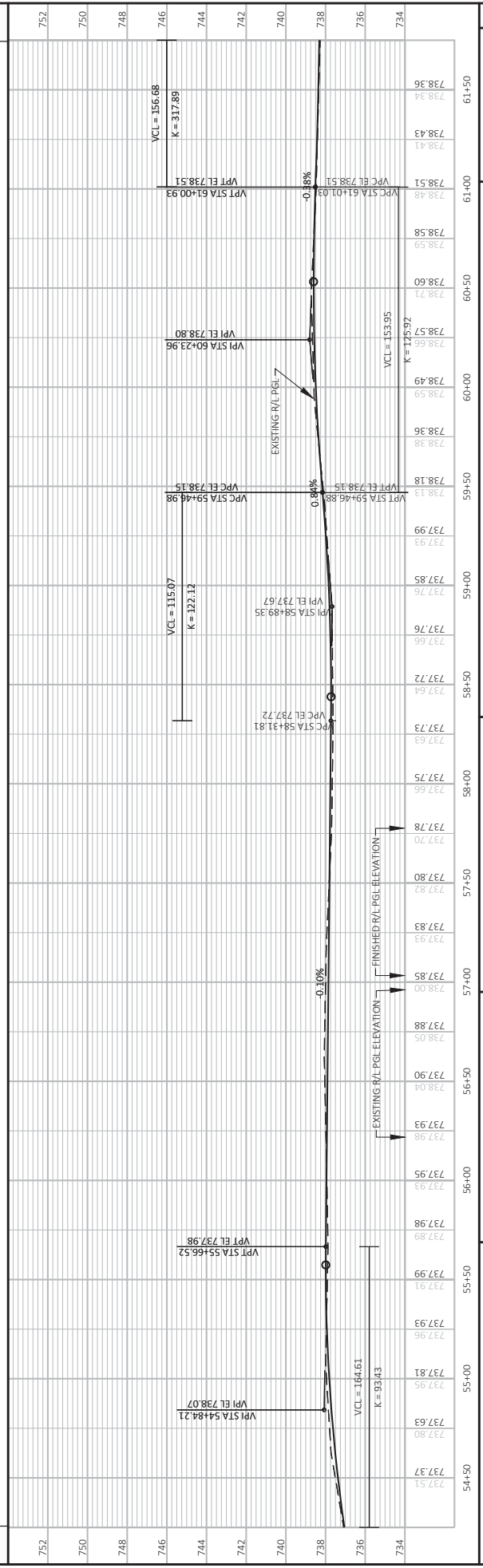
690.0150* SAWING ASPHALT

Addendum No. 01
 ID 3765-04-70
 Revised Sheet 53
 March 9, 2018



LEGEND

- > DIRECTION OF SURFACE FLOW
- CULVERT PIPE CHECK
- EROSION BAILE, BARRIER
- SILT FENCE

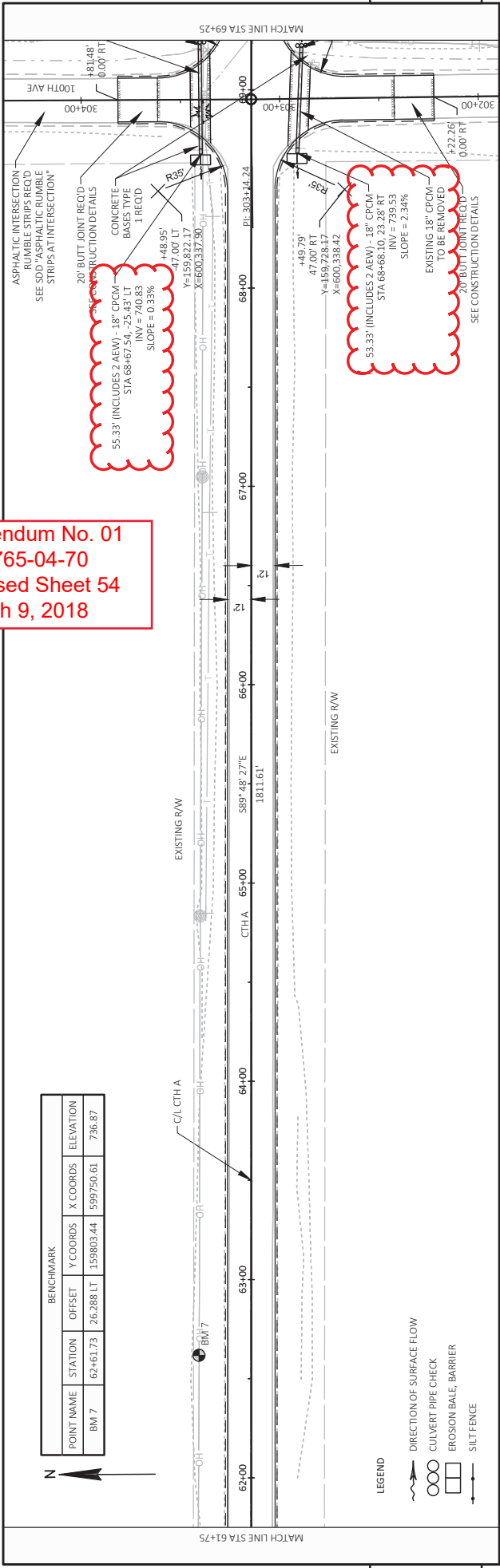


PROJECT NO: 3765-04-70
 COUNTY: KENOSHA
 HWY: CTH A
 PLAN AND PROFILE: CTH A
 SHEET 53
 E

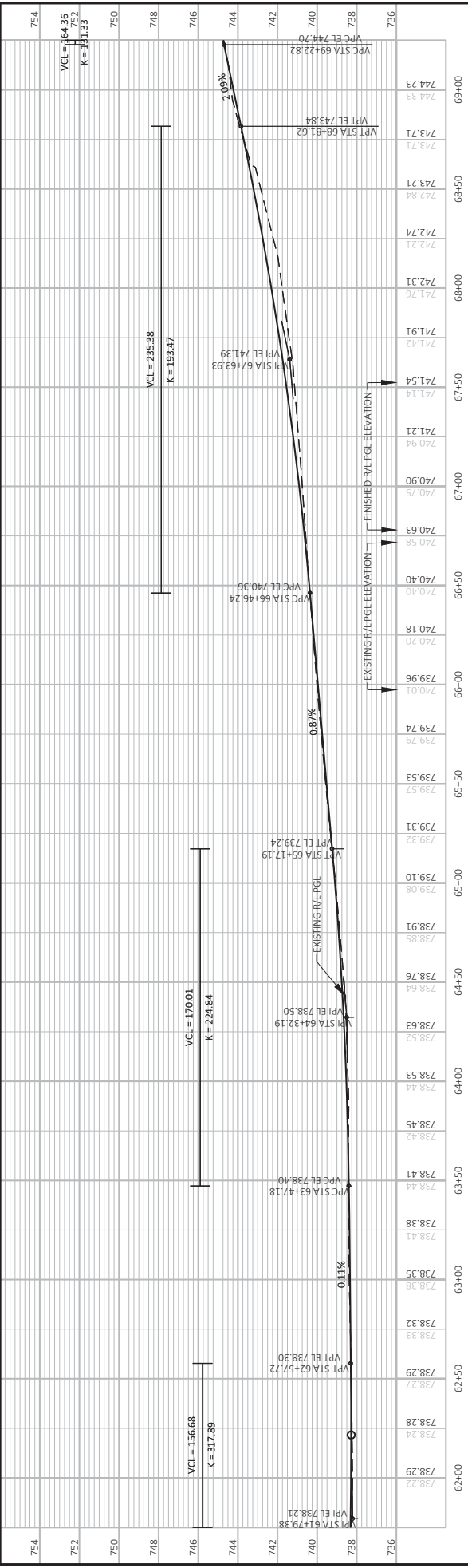
FILE NAME: J:\ACTIVE\3765-04-00\CTH_A\3765-04-00\3765000\SHETS\PLAN\3765000-CTH A\050-01-PP.DWG
 LAYOUT NAME: -07
 PLOT DATE: 2/20/2018 9:44 AM
 PLOT BY: TYLER OWENS
 PLOT NAME: CTH A
 PLOT SCALE: 1 IN=50 FT
 WSS07/CADD/SHEET 44

Addendum No. 01
 ID 3765-04-70
 Revised Sheet 54
 March 9, 2018

BENCHMARK			
POINT NAME	STATION	Y COORDS	ELEVATION
BM 7	62+61.73	26.288 LT	599750.61
			736.87

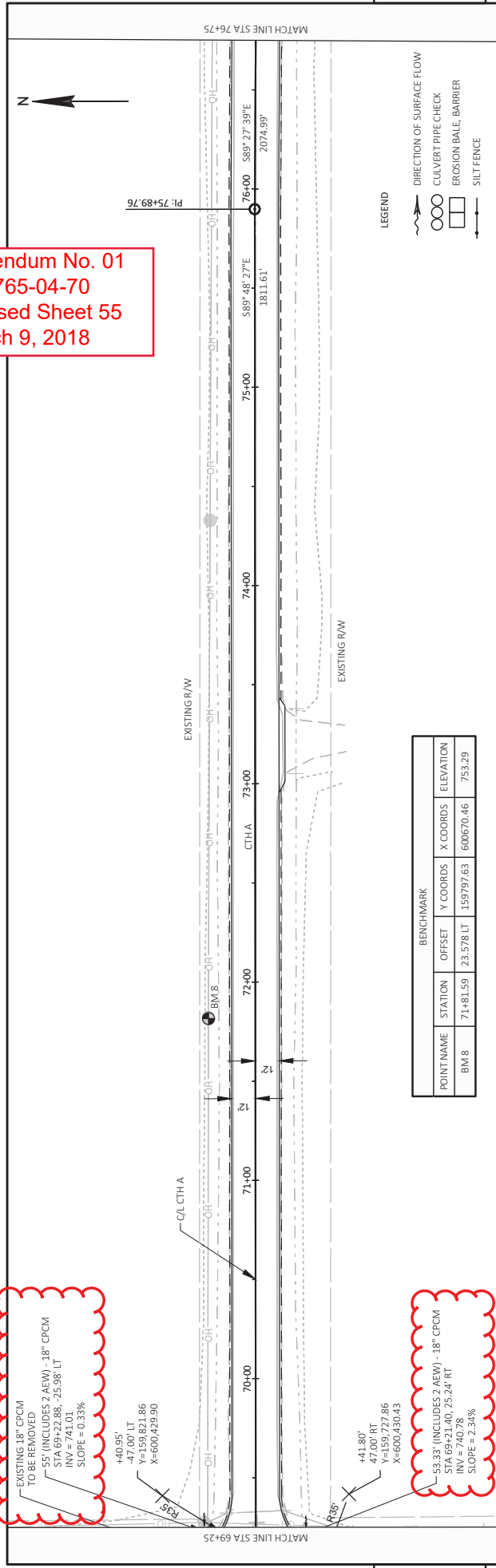


- LEGEND**
- DIRECTION OF SURFACE FLOW
 - CULVERT PIPE CHECK
 - EROSION BALE, BARRIER
 - SILT FENCE



STATION	ELEVATION
62+00	738.29
62+10	738.28
62+20	738.27
62+30	738.26
62+40	738.25
62+50	738.24
62+60	738.23
62+70	738.22
62+80	738.21
62+90	738.20
63+00	738.19
63+10	738.18
63+20	738.17
63+30	738.16
63+40	738.15
63+50	738.14
63+60	738.13
63+70	738.12
63+80	738.11
63+90	738.10
64+00	738.09
64+10	738.08
64+20	738.07
64+30	738.06
64+40	738.05
64+50	738.04
64+60	738.03
64+70	738.02
64+80	738.01
64+90	738.00
65+00	737.99
65+10	737.98
65+20	737.97
65+30	737.96
65+40	737.95
65+50	737.94
65+60	737.93
65+70	737.92
65+80	737.91
65+90	737.90
66+00	737.89
66+10	737.88
66+20	737.87
66+30	737.86
66+40	737.85
66+50	737.84
66+60	737.83
66+70	737.82
66+80	737.81
66+90	737.80
67+00	737.79
67+10	737.78
67+20	737.77
67+30	737.76
67+40	737.75
67+50	737.74
67+60	737.73
67+70	737.72
67+80	737.71
67+90	737.70
68+00	737.69
68+10	737.68
68+20	737.67
68+30	737.66
68+40	737.65
68+50	737.64
68+60	737.63
68+70	737.62
68+80	737.61
68+90	737.60
69+00	737.59

Addendum No. 01
 ID 3765-04-70
 Revised Sheet 55
 March 9, 2018



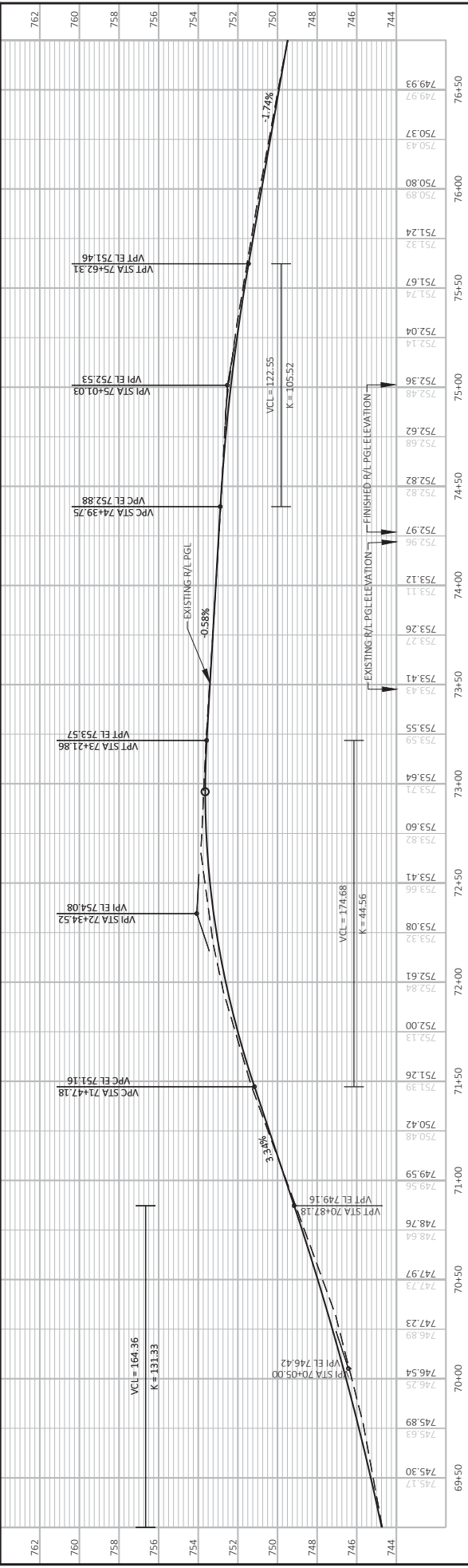
POINT NAME	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	
BM 8	71+81.59	23.578	LT	159797.63	600670.46	753.29

EXISTING 18" CPCM TO BE REMOVED
 -55' (INCLUDES 2 AEW) -18" CPCM
 STA 69+22.88, -25.98 LT
 INV = 740.78
 SLOPE = 0.33%

+40.95'
 -47.00' LT
 Y=159.821.86
 X=600.429.90

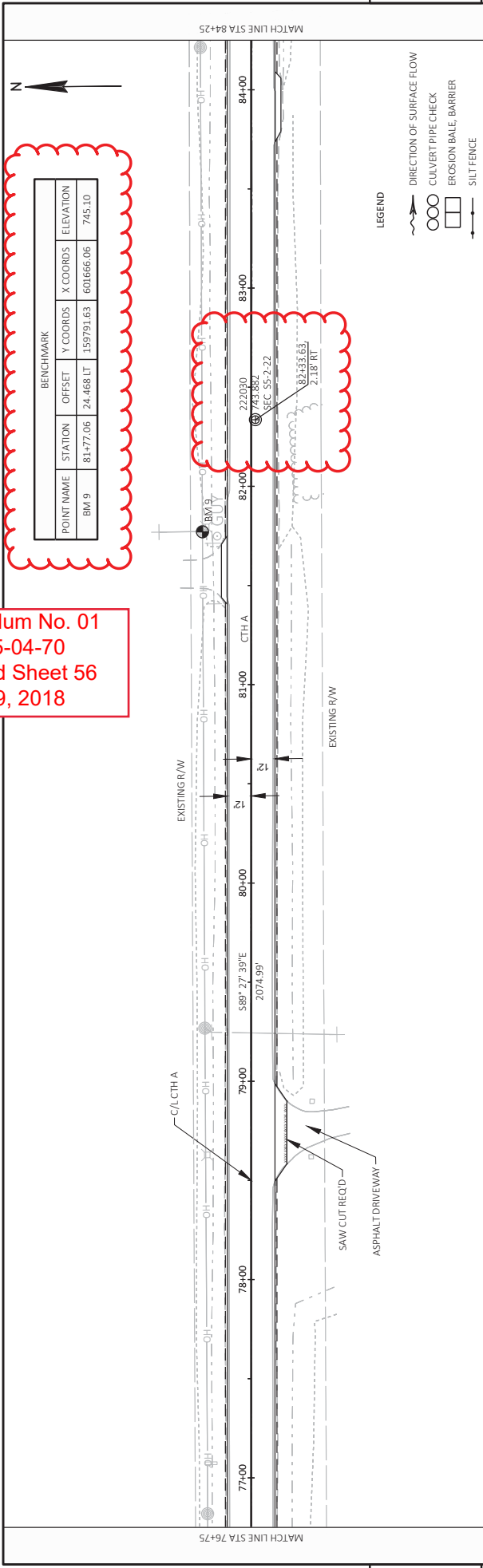
+41.80'
 47.00' RT
 Y=159.727.86
 X=600.430.43

53.33' (INCLUDES 2 AEW) -18" CPCM
 STA 69+21.40, 25.24' RT
 INV = 740.78
 SLOPE = 2.34%



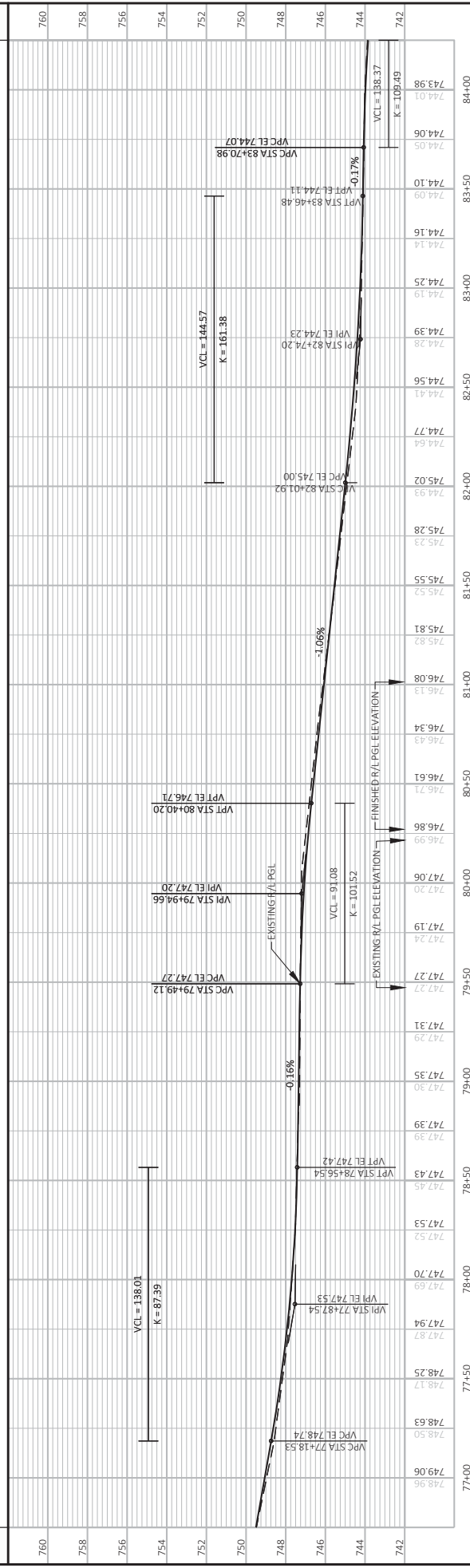
PROJECT NO: 3765-04-70
 COUNTY: KENOSHA
 HWY: CTH A
 PLAN AND PROFILE: CTH A
 SHEET 55
 FILE NAME: J:\ACTIVE\VE\3765-01-00_3765-04-00\CTH A\3765-04-00\SHETS\PLAN\3765000-CTH A\0501-PP.DWG
 LAYOUT NAME: -09
 PLOT DATE: 3/9/2018 1:15 PM
 PLOT BY: GREG BUBOLZ
 PLOT NAME: CTH A
 PLOT SCALE: 1 IN=50 FT
 WSS07/CADD/SHEET 44

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 ID 3765-04-70
 Revised Sheet 56
 March 9, 2018



BENCHMARK				
POINT NAME	STATION	Y COORDS	X COORDS	ELEVATION
BM 9	81+77.06	24.468 LT	1.59791.63	601666.06
				745.10

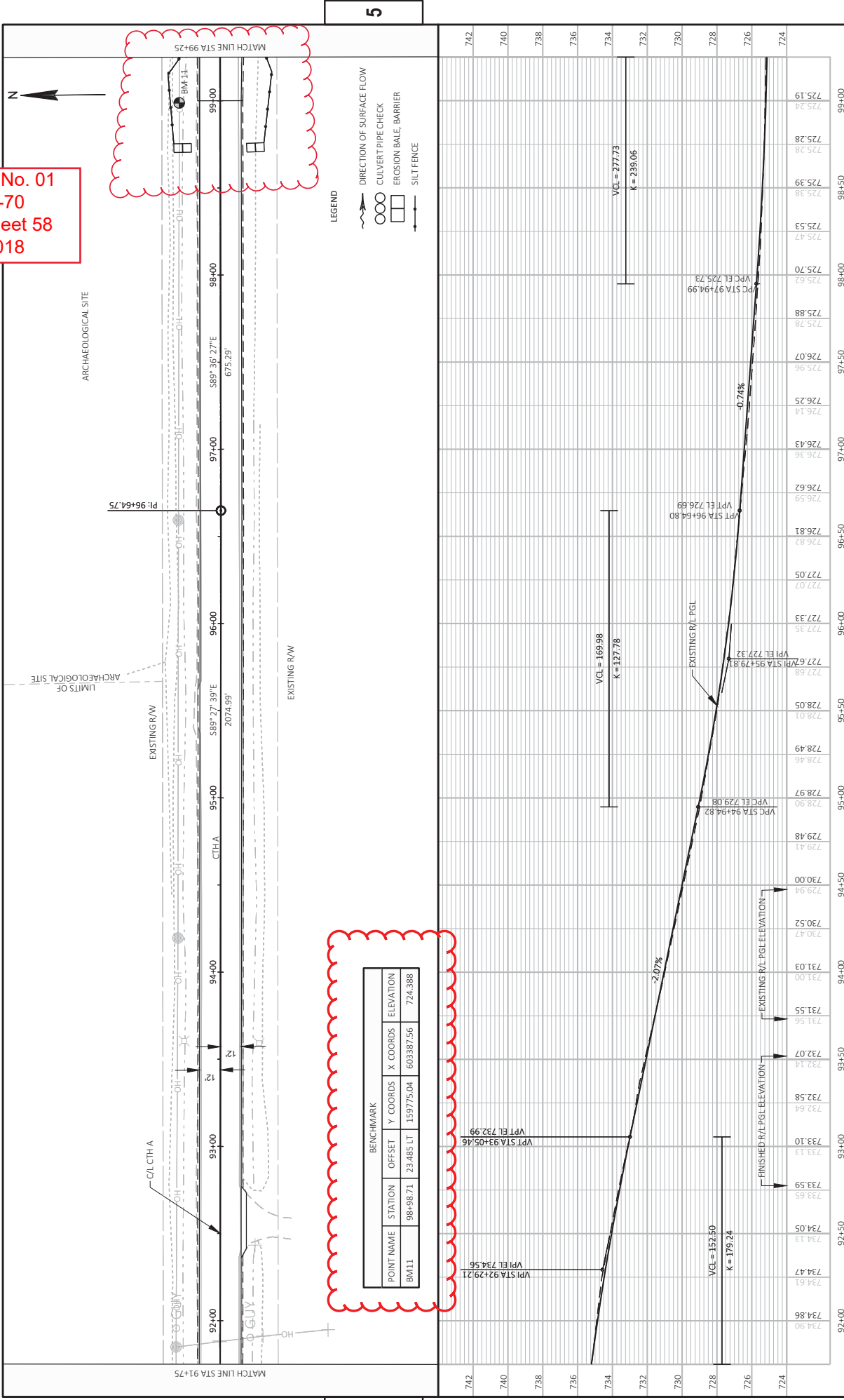
- LEGEND
- DIRECTION OF SURFACE FLOW
 - ○ ○ CULVERT PIPE CHECK
 - EROSION BAILE, BARRIER
 - SILT FENCE



STATION	ELEVATION
77400	749.06
77450	748.17
77500	748.25
77550	747.87
77600	747.94
77650	747.69
77700	747.70
77750	747.52
77800	747.53
77850	747.43
77900	747.30
77950	747.35
78000	747.29
78050	747.31
78100	747.27
78150	747.24
78200	747.19
78250	747.06
78300	746.99
78350	746.86
78400	746.71
78450	746.61
78500	746.43
78550	746.34
78600	746.13
78650	746.08
78700	745.82
78750	745.81
78800	745.59
78850	745.55
78900	745.28
78950	744.93
79000	745.02
79050	744.77
79100	744.64
79150	744.77
79200	744.41
79250	744.56
79300	744.28
79350	744.39
79400	744.19
79450	744.25
79500	744.14
79550	744.16
79600	744.09
79650	744.10
79700	744.06
79750	744.01
79800	743.98

PROJECT NO: 3765-04-70
 COUNTY: KENOSHA
 HWY: CTH A
 PLAN AND PROFILE: CTH A
 SHEET 56
 FILE NAME: J:\ACTIVE\VE\3765-04-00_CTH_A\3765-04-00_CTH_A\3765-04-00_SHEETS\PLAN\3765000-CTH A\050-01-PP.DWG
 LAYOUT NAME: 10
 PLOT DATE: 3/9/2018 1:43 PM
 PLOT NAME: GREG BUBOLZ
 PLOT SCALE: 1 IN=50 FT
 WSS07/CADD/SHEET 44

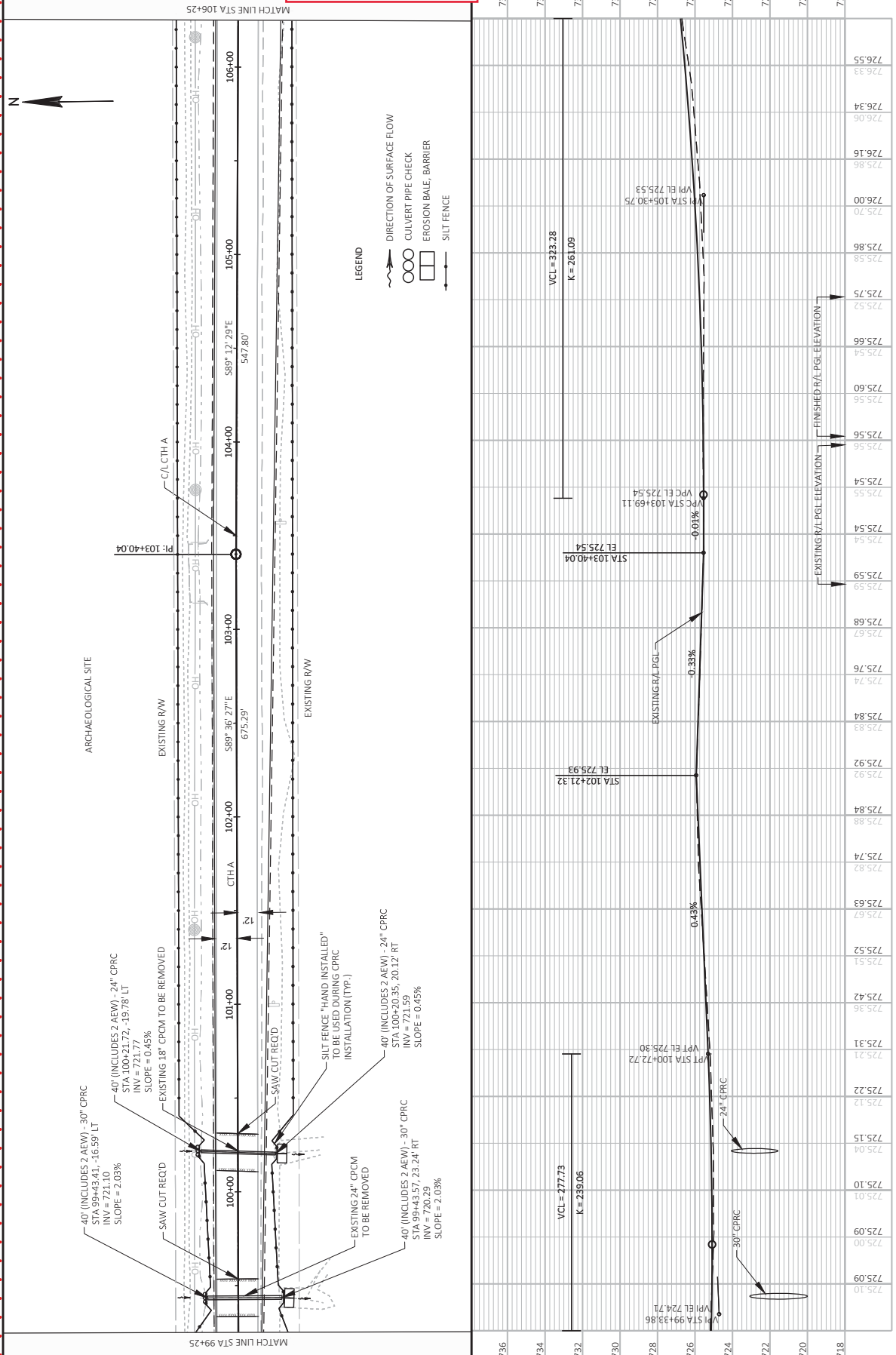
Addendum No. 01
ID 3765-04-70
Revised Sheet 58
March 9, 2018



BENCHMARK						
POINT NAME	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	
BM11	98+98.71	23.485	LT	159775.04	603387.56	724.388

PROJECT NO: 3765-04-70
COUNTY: KENOSHA
HWY: CTH A
PLAN AND PROFILE: CTH A
SHEET: 58
FILE NAME: J:\ACTIVE\VE\3765-04-00\CTH_A\37650400\SHETS\PLAN\3765000-CTH A\0501-PP.DWG
LAYOUT NAME: 12
PLOT DATE: 2/20/2018 3:47 PM
PLOT BY: TYLER OWENS
PLOT SCALE: 1 IN=50 FT
WISDOT/CADDIS SHEET 44

Addendum No. 01
 ID 3765-04-70
 Revised Sheet 59
 March 9, 2018



- LEGEND**
- DIRECTION OF SURFACE FLOW
 - CULVERT PIPE CHECK
 - EROSION BALE; BARRIER
 - SILT FENCE

PROJECT NO: 3765-04-70
 COUNTY: KENOSHA
 HWY: CTH A
 PLAN AND PROFILE: CTH A
 SHEET 59
 E

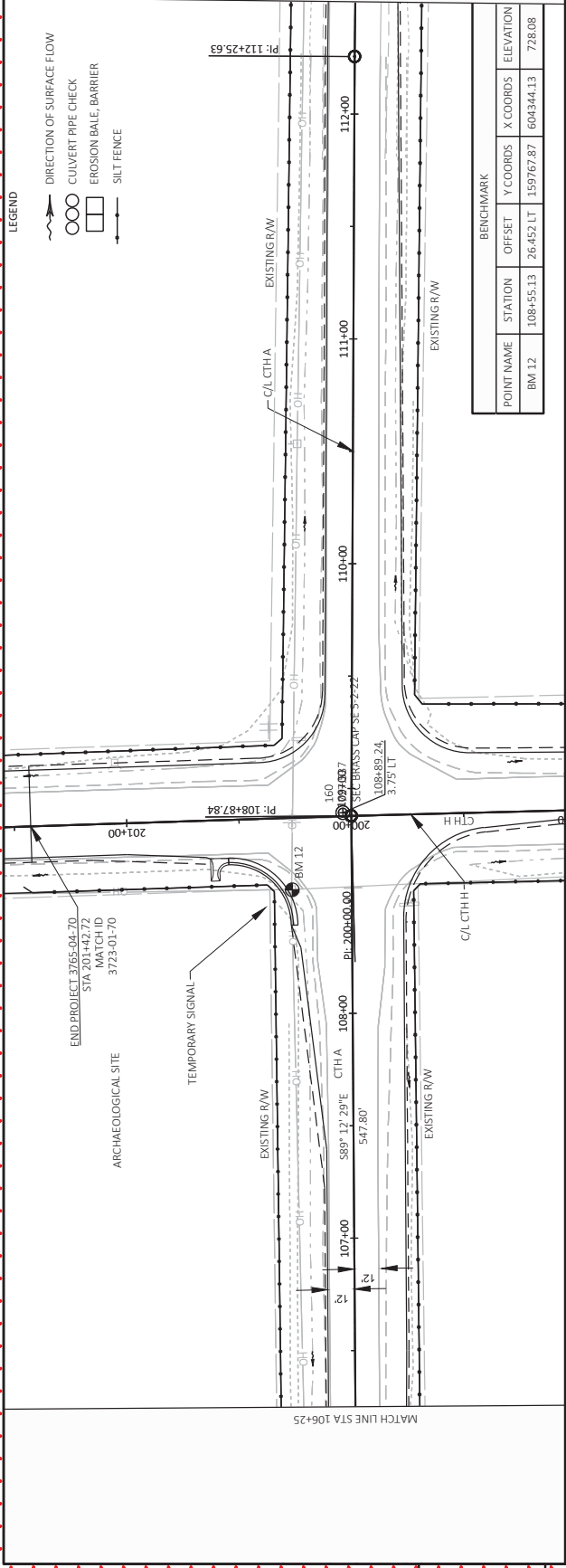


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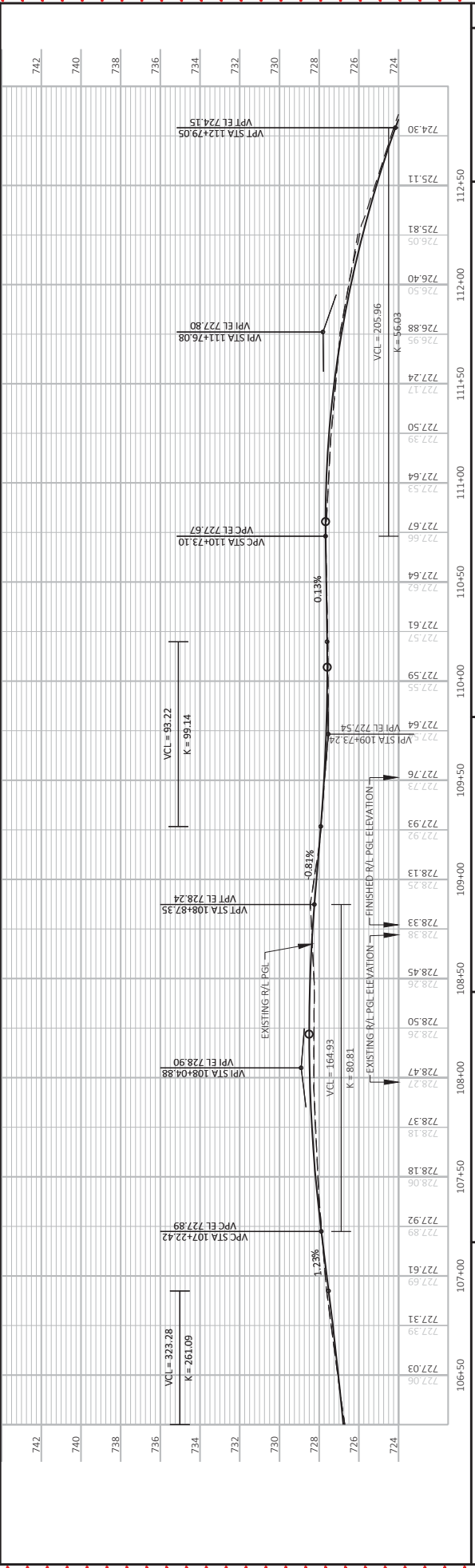
LAYOUT NAME: 13



Addendum No. 01
 ID 3765-04-70
 Revised Sheet 60
 March 9, 2018

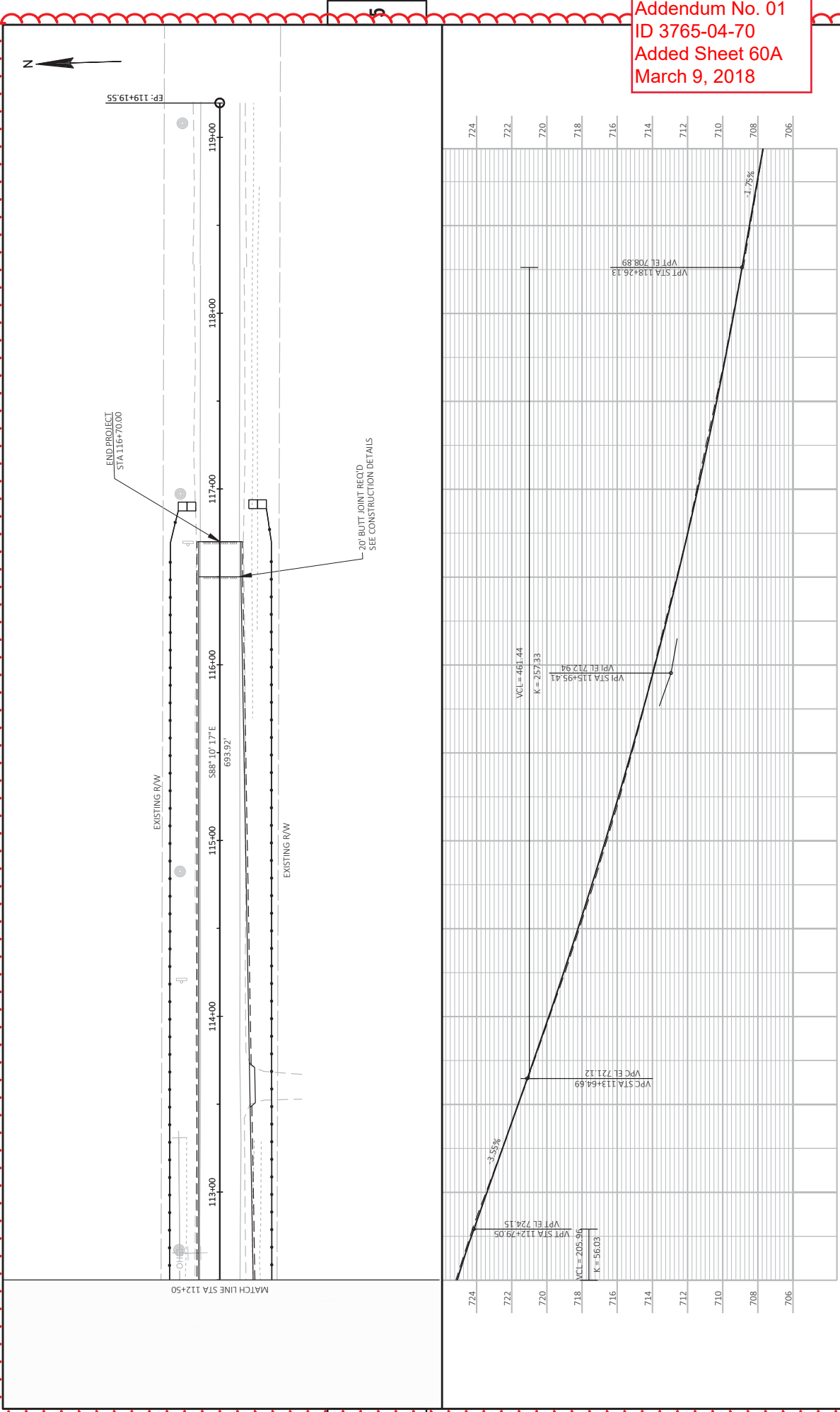


BENCHMARK				
POINT NAME	STATION	X COORDS	Y COORDS	ELEVATION
BM 12	108+55.13	26452 LT	159767.87	728.08



PROJECT NO: 3765-04-70
 COUNTY: KENOSHA
 HWY: CTH A
 PLAN AND PROFILE: CTH A
 SHEET 60
 LAYOUT NAME: 14

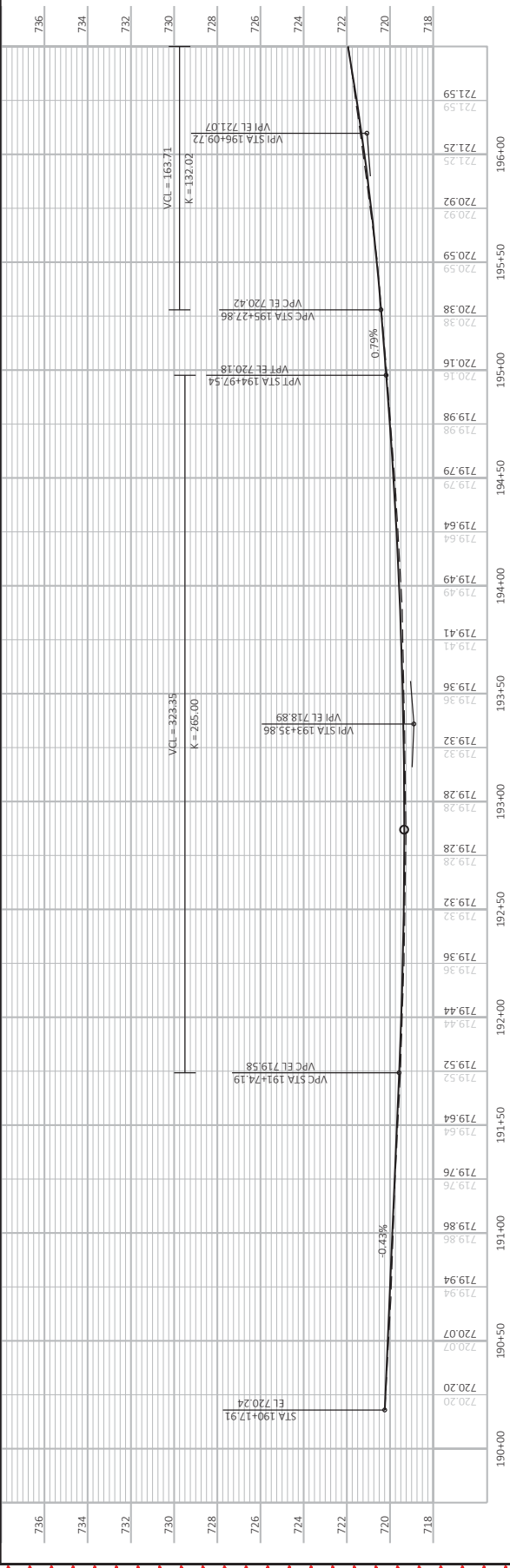
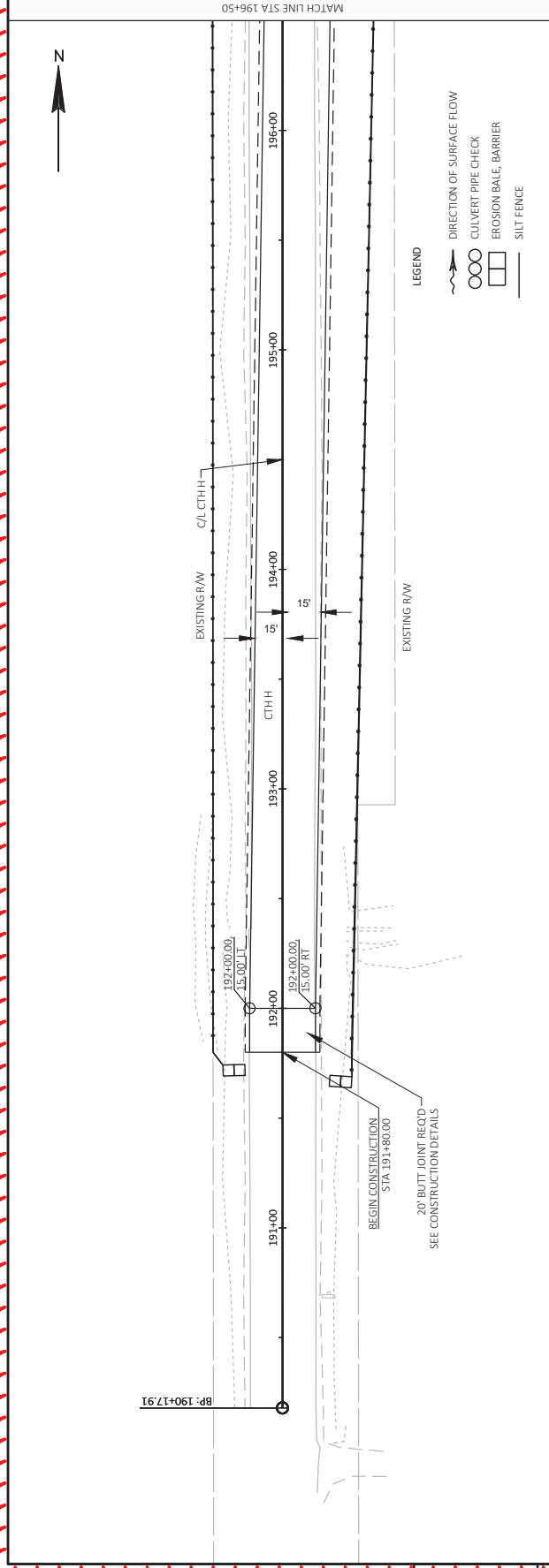
Addendum No. 01
 ID 3765-04-70
 Added Sheet 60A
 March 9, 2018



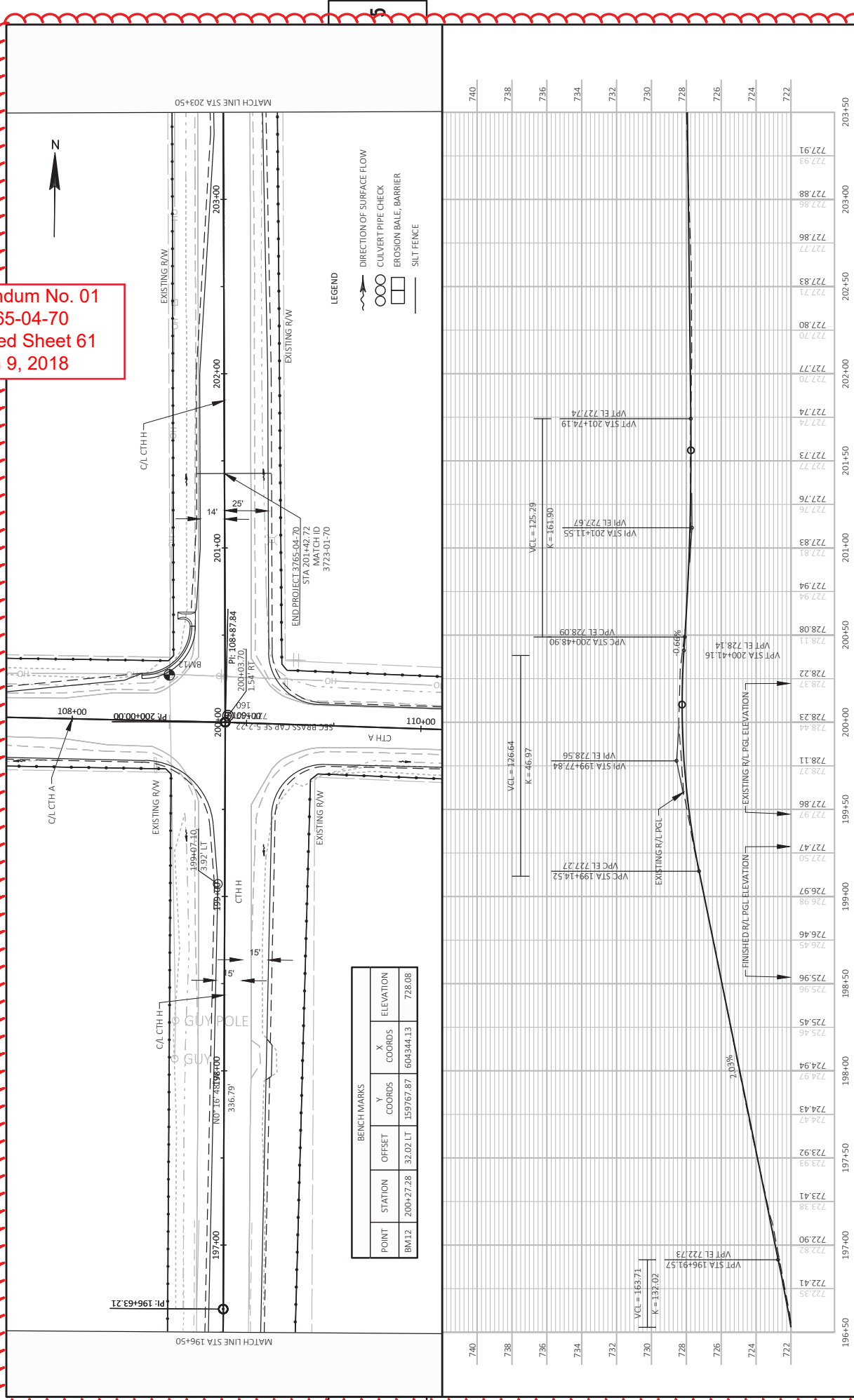
PROJECT NO: 3765-04-70
 COUNTY: KENOSHA
 HWY: CTH A
 PLAN AND PROFILE: CTH A
 SHEET 60A

LAYOUT NAME: 15

Addendum No. 01
 ID 3765-04-70
 Added Sheet 60B
 March 9, 2018



Addendum No. 01
 ID 3765-04-70
 Revised Sheet 61
 March 9, 2018



BENCHMARKS					
POINT	STATION	OFFSET	COORDS	ELEVATION	
BM12	200+27.28	32.02 LT	159767.87	604344.13	728.08

PROJECT NO: 3765-04-70
 COUNTY: KENOSHA
 HWY: CTH A
 PLAN AND PROFILE: CTH H
 SHEET 61

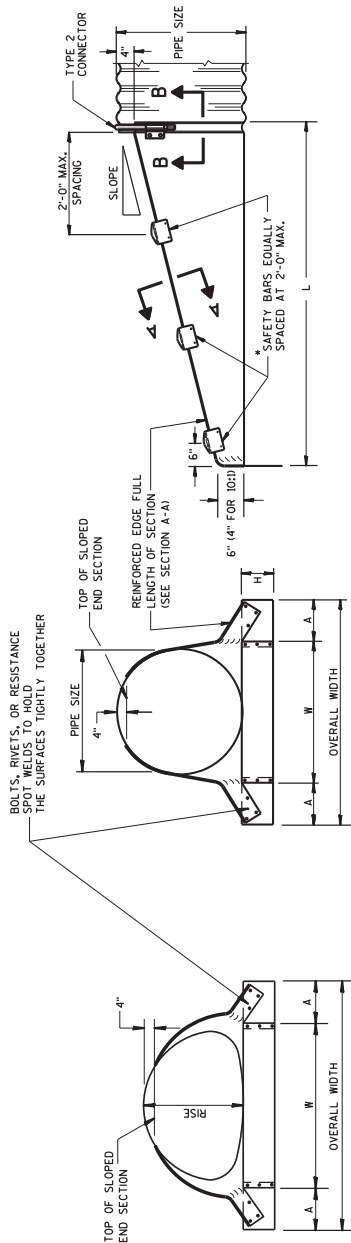
LAYOUT NAME: 02
 196+50 197+00 197+50 198+00 198+50 199+00 199+50 200+00 200+50 201+00 201+50 202+00 202+50 203+00 203+50

GENERAL NOTES

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

SLOPED END SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 521 FOR STEEL APRON ENDWALLS.

SAFETY BARS SHALL BE FABRICATED FROM GALVANIZED STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL.



FRONT VIEW

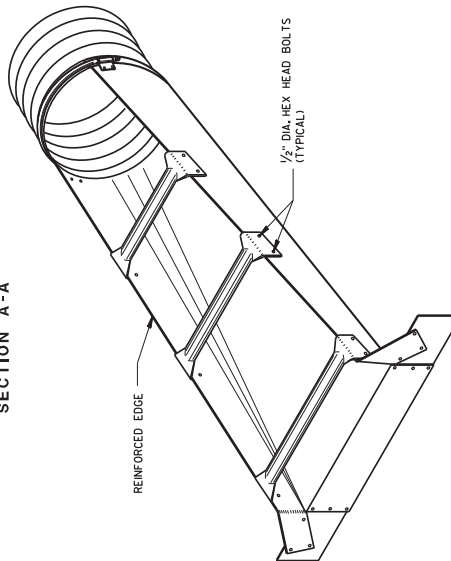
SIDE VIEW

*NOTE: SAFETY BARS ARE SHOWN WITH MINIMUM NUMBER OF BARS REQUIRED AT A 2'-0" C-C MAX. SPACING WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.



DETAIL OF SAFETY BAR

SECTION A-A



ISOMETRIC VIEW

STEEL APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS

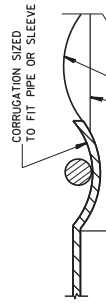
PIPE DIA. (IN.)	MIN. THICK. (INCHES)	DIMENSIONS (INCHES)			L. DIMENSIONS						
		A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES				
15	.064	8	6	21	37	4:1	20	6:1	30	10:1	70
18	.064	8	6	24	40	4:1	32	6:1	48	10:1	100
21	.064	8	6	27	43	4:1	44	6:1	66	10:1	130
24	.064	8	6	30	46	4:1	56	6:1	84	10:1	160
30	.109	12	9	36	60	4:1	80	6:1	120	10:1	220
36	.109	12	9	42	66	4:1	104	6:1	156	10:1	280
42	.109	16	12	48	80	4:1	128	6:1	192	10:1	350
48	.109	16	12	54	86	4:1	152	6:1	228	10:1	420
54	.109	16	12	60	92	4:1	176	6:1	264	10:1	490
60	.109	16	12	66	98	4:1	200	6:1	300	10:1	560

STEEL APRON ENDWALLS FOR PIPE ARCH SLOPED SIDE DRAINS

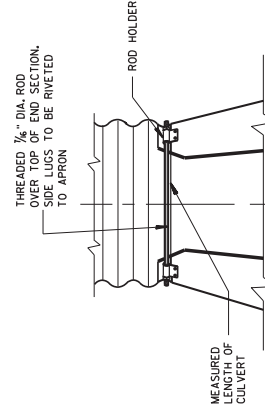
EQUIV. DIA. (INCHES)	MIN. THICK. (INCHES)	SPAN	RISE	DIMENSIONS (INCHES)			L. DIMENSIONS						
				A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES				
15	.17	13	.064	7	6	30	44	4:1	19	6:1	30	10:1	70
18	21	15	.064	8	6	27	43	4:1	20	6:1	30	10:1	70
21	24	18	.064	8	6	30	46	4:1	32	6:1	48	10:1	100
24	28	20	.064	8	6	34	50	4:1	40	6:1	60	10:1	120
30	35	24	.079	12	9	41	65	4:1	56	6:1	84	10:1	160
36	42	29	.109	12	9	48	72	4:1	76	6:1	114	10:1	210
42	49	33	.109	16	12	55	87	4:1	92	6:1	138	10:1	280
48	57	38	.109	16	12	63	95	4:1	112	6:1	168	10:1	350
54	64	43	.109	16	12	70	102	4:1	132	6:1	198	10:1	420

* MINIMUM THICKNESS OF ALL 10:1 SLOPED SIDE DRAINS IS 0.109".

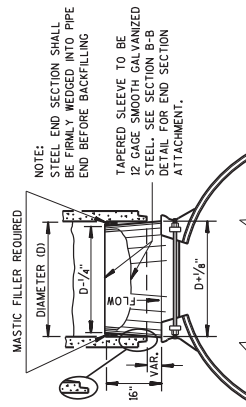
② ACTUAL SLOPE GREATER THAN 10:1



SECTION B-B



TYPE 2 CONNECTION DETAIL



STEEL ADAPTER SLEEVE FOR CONCRETE PIPE

NOTE: STEEL END SECTION SHALL BE FIRMLY WEDGED INTO PIPE END BEFORE BACKFILLING. TAPERED SLEEVE TO BE 1/2 GAGE SMOOTH GALVANIZED STEEL - SEE SECTION B-B DETAIL FOR END SECTION ATTACHMENT.

1/2" DIA. HEX HEAD BOLTS (TYPICAL)

REINFORCED EDGE

EDGE OF SIDEWALL SHEET ROLLED TO THE OUTSIDE SMOOTHLY AGAINST STEEL ROD

3" GALVANIZED PIPE, FLATTEN ENDS, THEN BEND OUTSIDE 4" TO MATCH END SECTION SIDES.

MEASURED LENGTH OF CULVERT TO APRON

ROD HOLDER

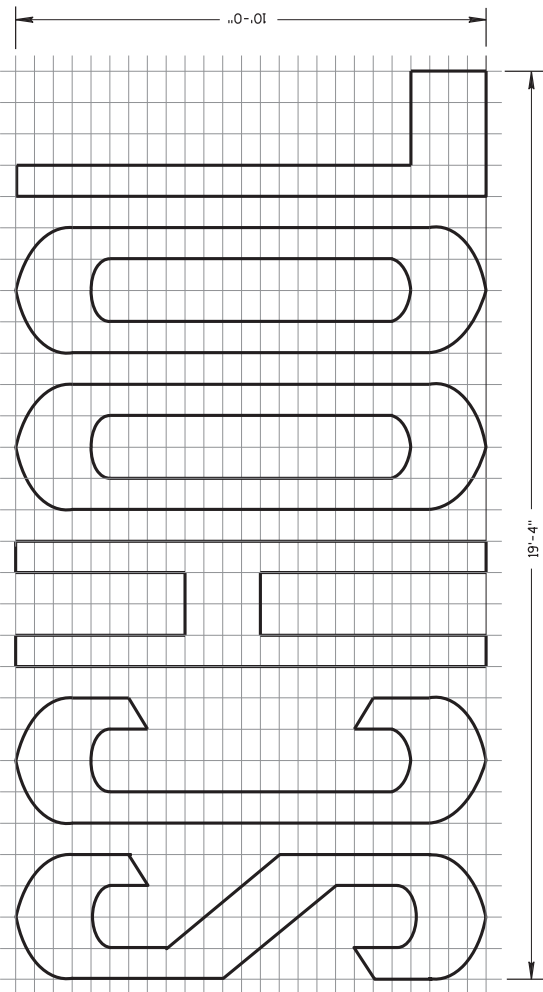
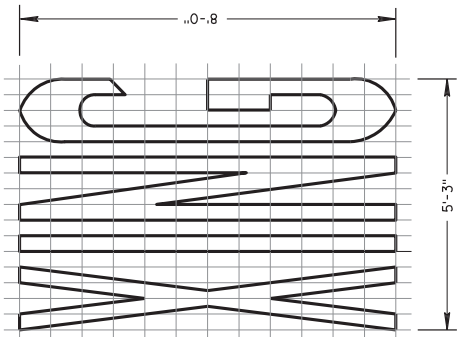
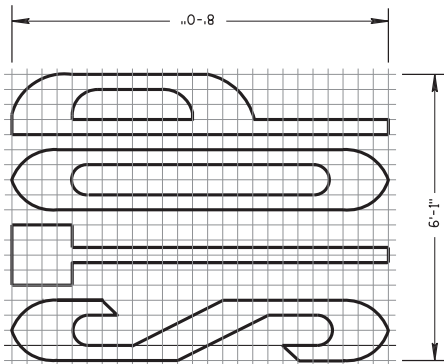
CORRUGATION SIZED TO FIT PIPE OR SLEEVE

Addendum No. 01
ID 3765-04-70
Added Sheet 69A
March 9, 2018

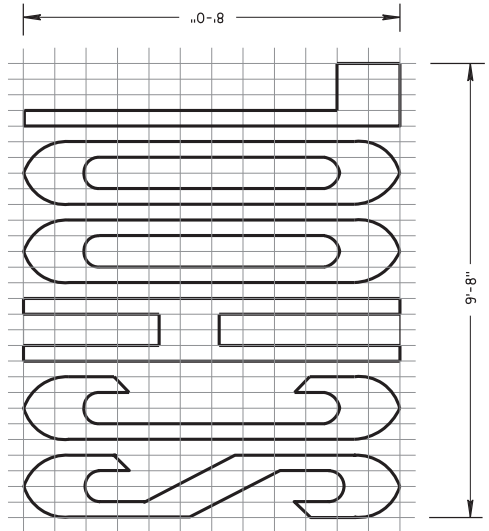
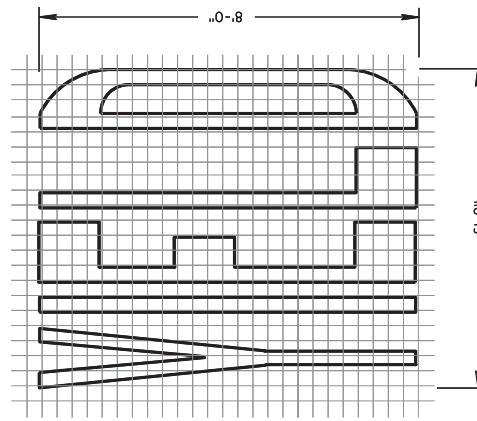
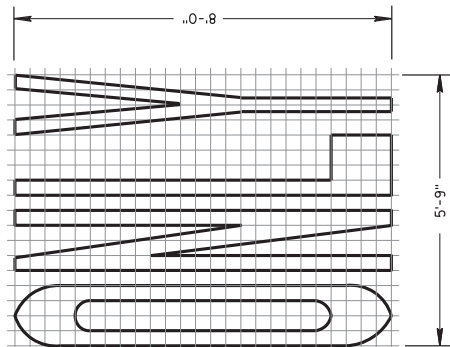
STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 APPROVED _____ 69A
 DATE 9/4/2012
 ROADWAY STANDARDS DEVELOPMENT ENGINEER

GENERAL NOTES

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



TWO - LANE



SINGLE - LANE

Addendum No. 01
ID 3765-04-70
Added Sheet 88A
March 9, 2018

PAVEMENT MARKING WORDS

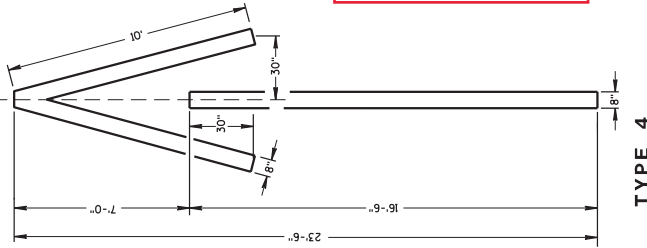
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 88A
DATE June 2017 /S/ Matthew R. Raluch
STATE SIGNING AND MARKING ENGINEER
FHWA

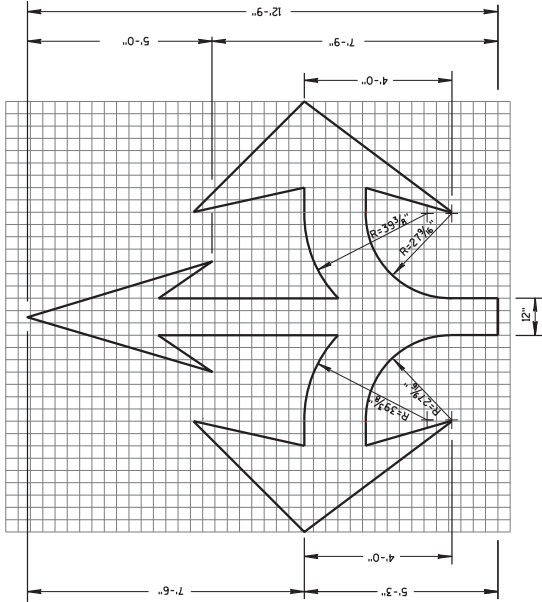
GENERAL NOTES

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

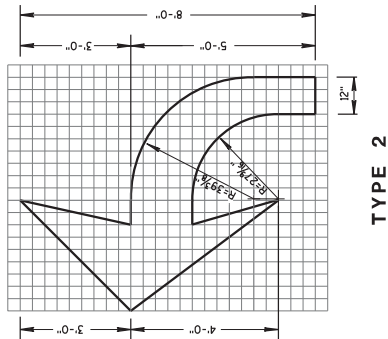
Addendum No. 01
ID 3765-04-70
Added Sheet 88B
March 9, 2018



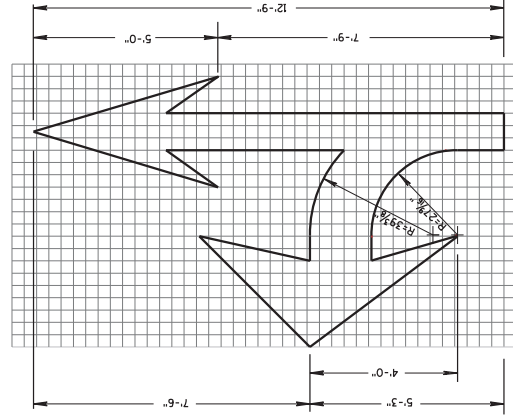
TYPE 4



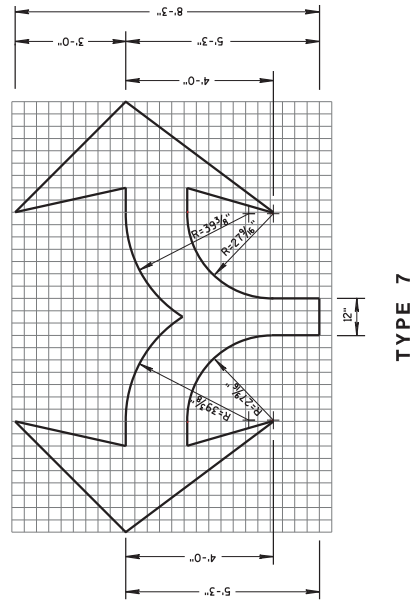
TYPE 6



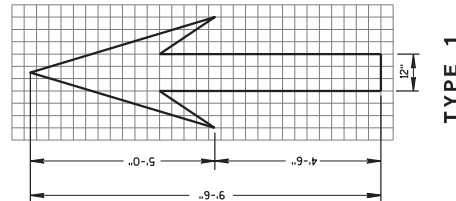
TYPE 2



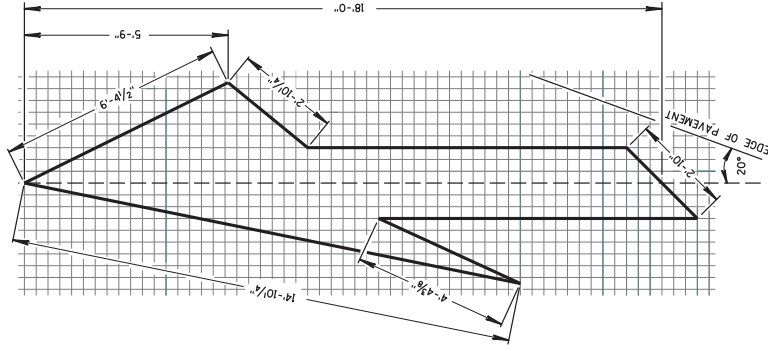
TYPE 3



TYPE 7



TYPE 1



TYPE 5 LANE DROP ARROW

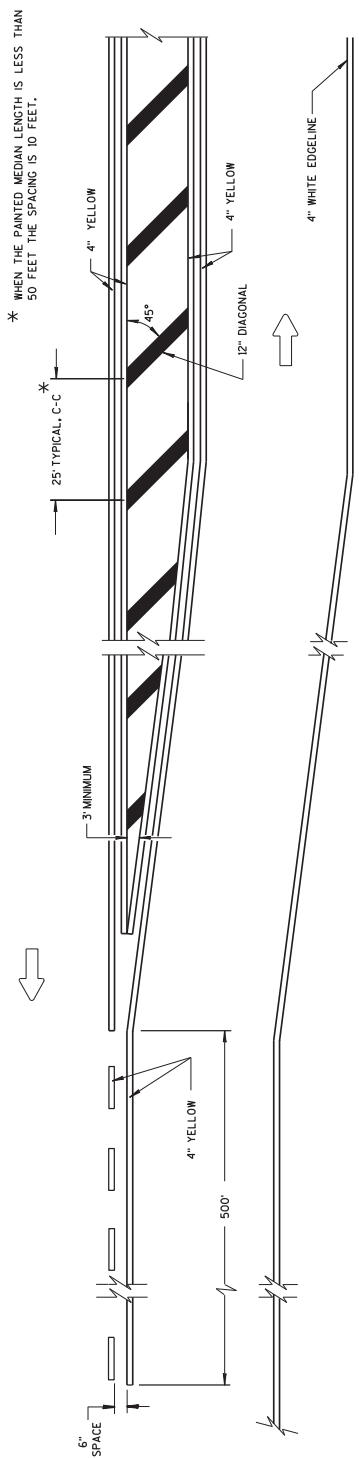
PAVEMENT MARKING ARROWS
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED 88B
DATE: June 2017
BY: /s/ Matthew R. Rouch STATE SIGNING AND MARKING ENGINEER
PHWA

Addendum No. 01
ID 3765-04-70
Added Sheet 91A
March 9, 2018

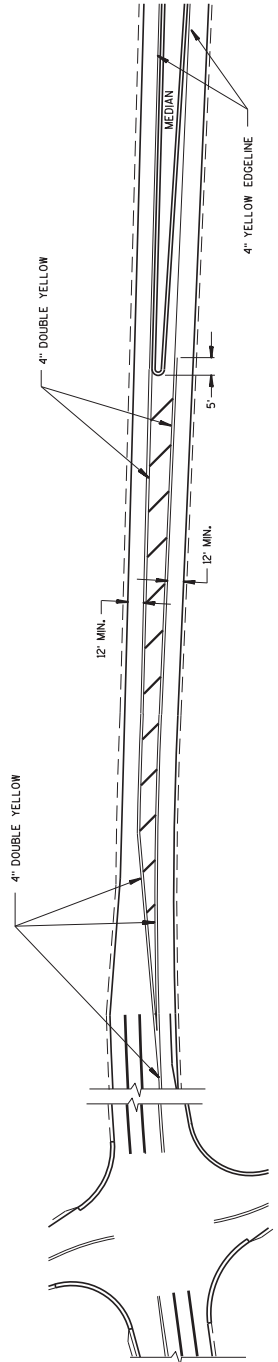
MEDIAN ISLAND MARKING
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED <u>91A</u>
JUNE 2017 / DATE
/S/ Matthew Rauch / STATE SIGNING AND MARKING ENGINEER
PRWA

GENERAL NOTE

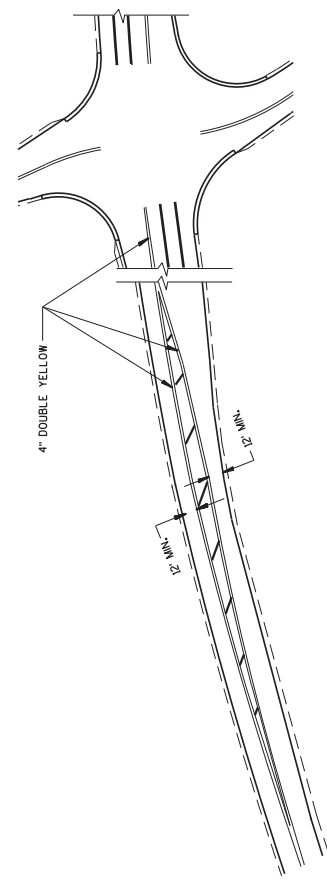
DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.



MEDIAN ISLAND DETAIL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

GENERAL NOTES

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

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

INSTALLED METAL MONUMENTS MUST BE EASILY DETECTED WITH A DIP NEEDLE. INSERT PERMANENT MAGNETS SHALL BE ATTACHED NEAR THE TOP AND BOTTOM OF THOSE MONUMENTS CONSTRUCTED OF A METAL ALLOY WHICH IS NOT ATTRACTIVE TO A DIP NEEDLE.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AT THE DIRECTION OF THE ENGINEER.

ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

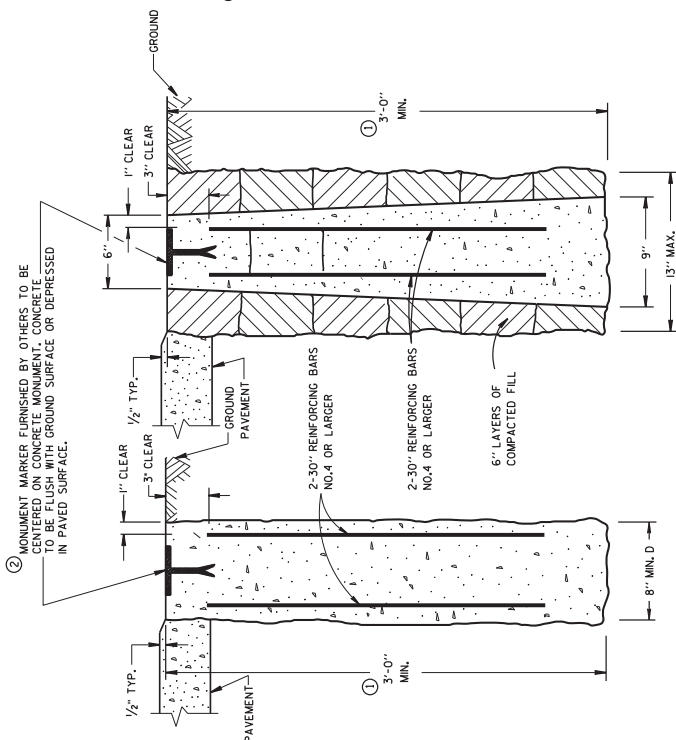
THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

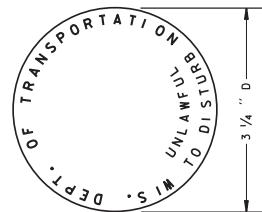
MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WIS DOT MARKER.

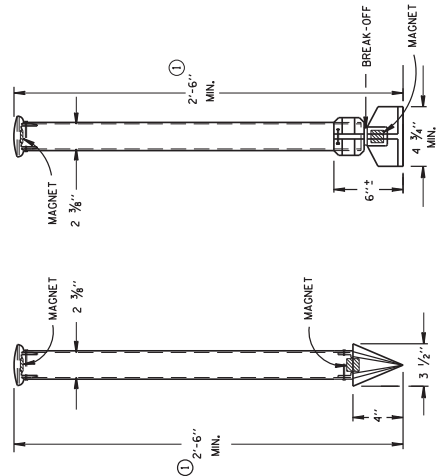
- ① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.
- ② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WIS DOT MARKER.



CAST-IN-PLACE CONCRETE MONUMENTS TYPE A

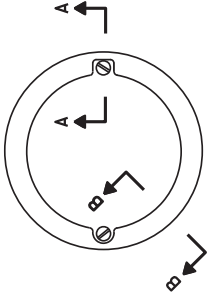


② WIS DOT MONUMENT MARKER LOGO FOR TYPES "A", "C", & "D"

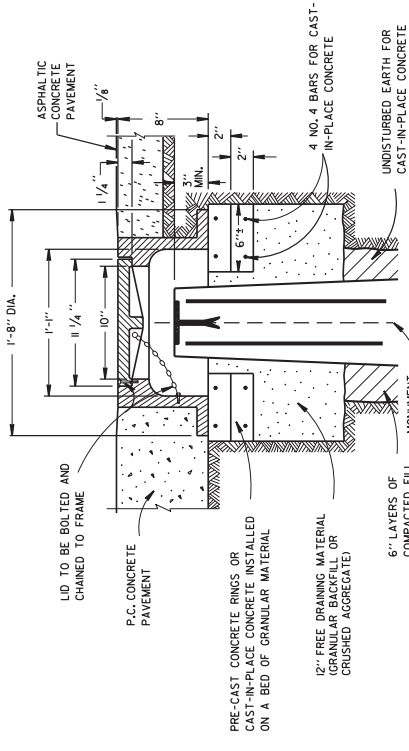


TYPE C DRIVE-IN MONUMENT ALUMINUM MONUMENTS (INCLUDES MARKER)

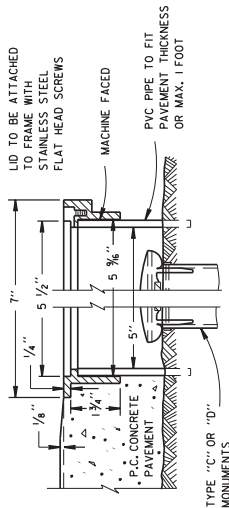
TYPE D BREAK-OFF MONUMENT ALUMINUM MONUMENTS (INCLUDES MARKER)



TOP VIEW



CAST IRON MONUMENT COVER TYPE "A" (APPROXIMATE WEIGHT - 95 LBS.)



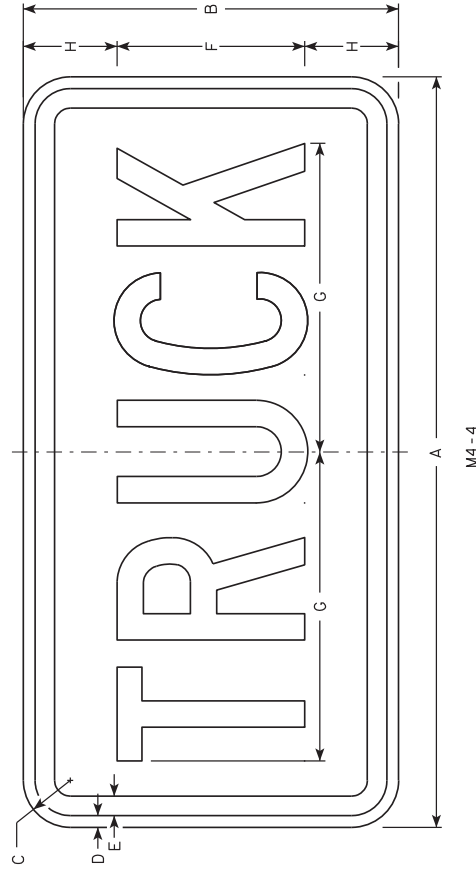
SECTION B-B ALUMINUM MONUMENT COVER (APPROXIMATE WEIGHT 2 LBS.) (FOR CONCRETE PAVEMENT ONLY)

**Addendum No. 01
ID 3765-04-70
Added Sheet 99A
March 9, 2018**

LANDMARK REFERENCE MONUMENTS AND COVERS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	99A
APPROVED DATE 3/22/1999	J.S. Roff, L. Rinnensmith, CHIEF ROADWAY DEVELOPMENT ENGINEER P.H.W.A.

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White - See Note 5
Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Permanent Signs
Background - Type H Reflective
Temporary or other temporary Signs
Background - Reflective



Addendum No. 01
ID 3765-04-70
Added Sheet 102A
March 9, 2018

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AR ⁶⁰ AC ¹¹
1																											
2	24	12	1 1/2	3/8	3/8	6	9 7/8	3																			2.0
3	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
4																											
5																											

STANDARD SIGN
M4-4

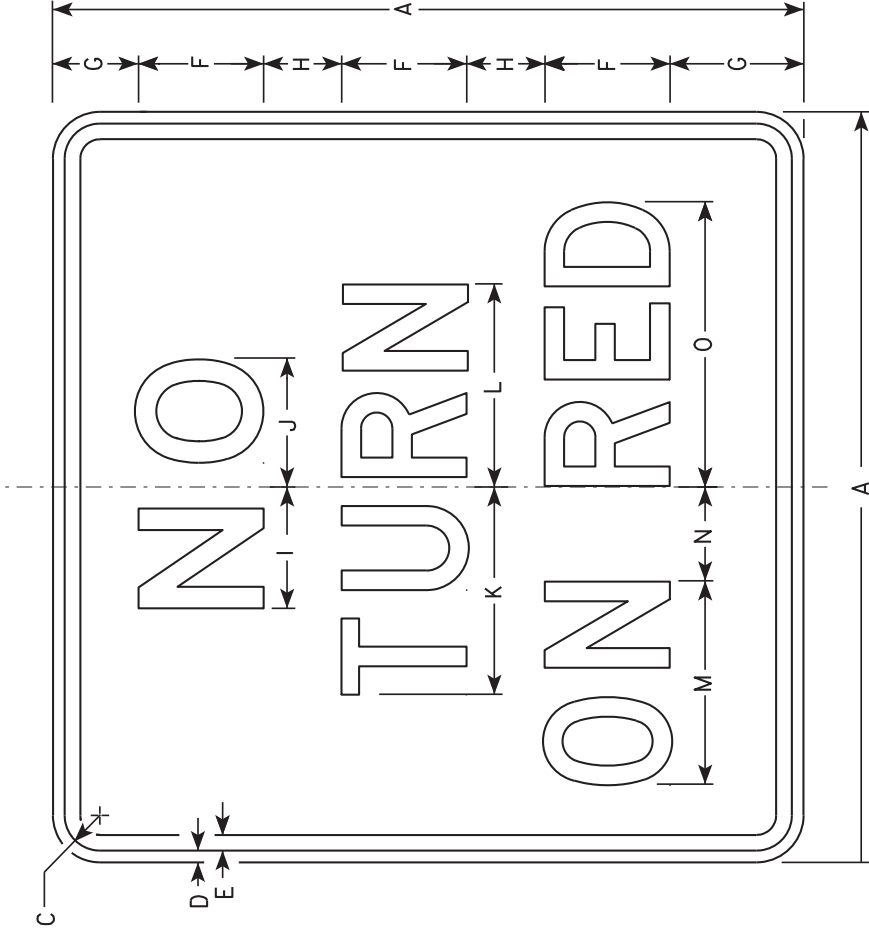
WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE: 11/10/10 PLATE NO. M4-4.3

PROJECT NO: _____ COUNTY: _____ SHEET NO: 102A **E**

FILE NAME: C:\Users\PROJECTS\11...s\h\plate\M4_4.DGN HWY: _____

PLOT DATE: 10-NOV-2010 12:29 PLOT BY: dt1.jsh PLOT NAME: _____ PLOT SCALE: 3.97269511.000000 WISDOT/CADD/SHEET 42



R10-11B

NOTES

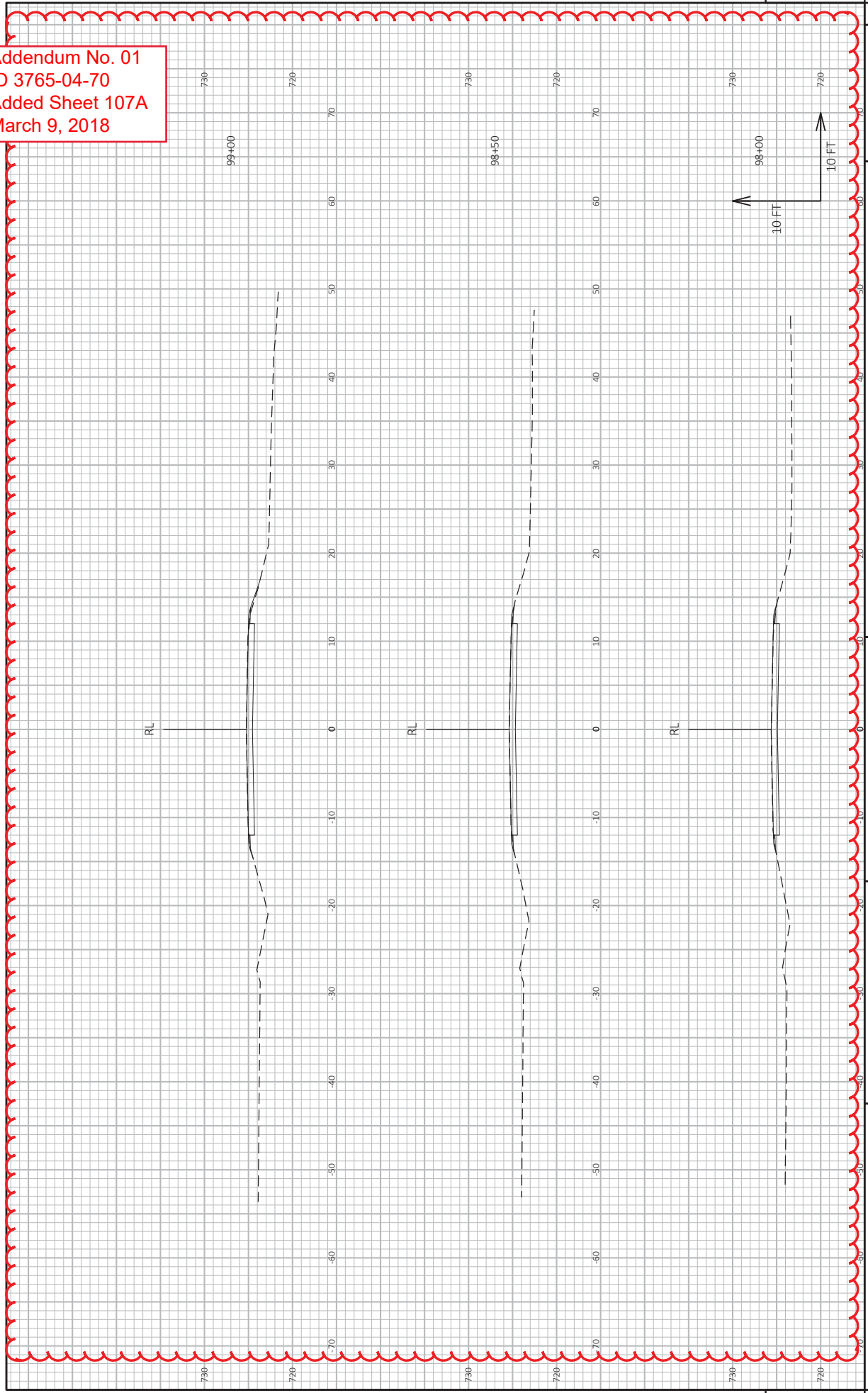
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White
Message - Black
3. Message Series - See Note 5.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series E.
Lines 2 and 3 are Series D.

Addendum No. 01
ID 3765-04-70
Added Sheet 103A
March 9, 2018

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	APPROX. SQ. FT.
1	18		1 1/8	3/8	3/8	3	2 3/4	1 3/4	3	3 1/8	5	4 7/8	5 1/4	1 7/8	7 1/8												2.25
2S	24		1 1/8	3/8	1/2	4	3 1/2	2 1/2	3 7/8	4 1/8	6 3/8	6 1/2	6 1/2	3	9 1/8												4.0
2M	24		1 1/8	3/8	1/2	4	3 1/2	2 1/2	3 7/8	4 1/8	6 3/8	6 1/2	6 1/2	3	9 1/8												4.0
3	30		1 3/8	1/2	5/8	5	4 1/2	3	4 7/8	5 1/4	8 1/4	8 1/8	7 3/4	4 1/8	11 7/8												6.25
4																											
5																											

STANDARD SIGN
R10-11B
WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew P. Roach*
for State Traffic Engineer
DATE 4/5/11 PLATE NO. R10-11B.4

Addendum No. 01
 ID 3765-04-70
 Added Sheet 107A
 March 9, 2018

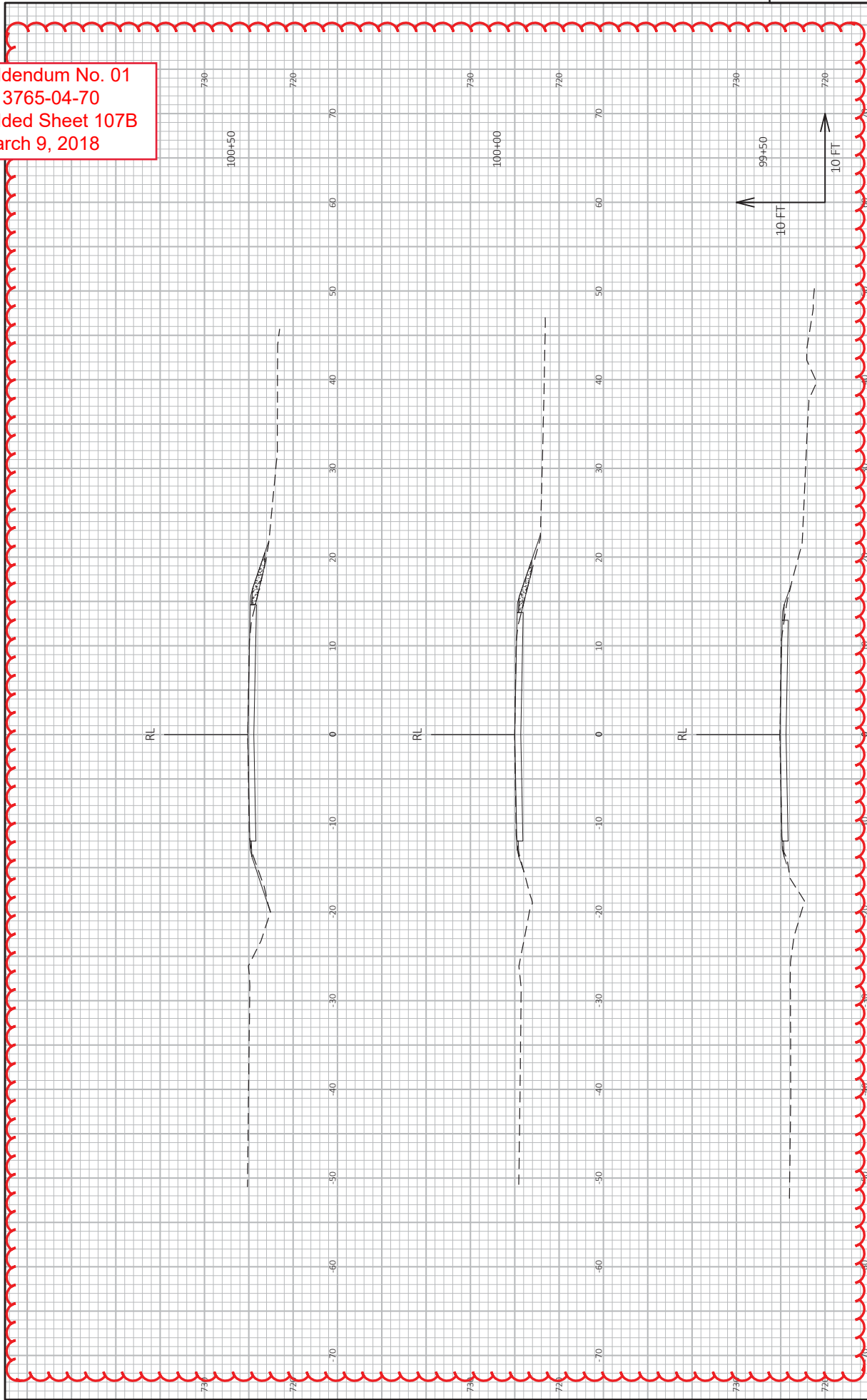


PROJECT NO: 3765-04-70
 COUNTY: KENOSHA
 HWY: CTH A
 CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A
 PLOT BY: TYLER OWENS
 PLOT DATE: 2/15/2018 5:07 PM
 SHEET 107A
 WISDOT/CADDIS SHEET 49

9

9

Addendum No. 01
ID 3765-04-70
Added Sheet 107B
March 9, 2018



PROJECT NO: 3765-04-70

HWY: CTH A

COUNTY: KENOSHA

DATE: 2/15/2018 5:07 PM

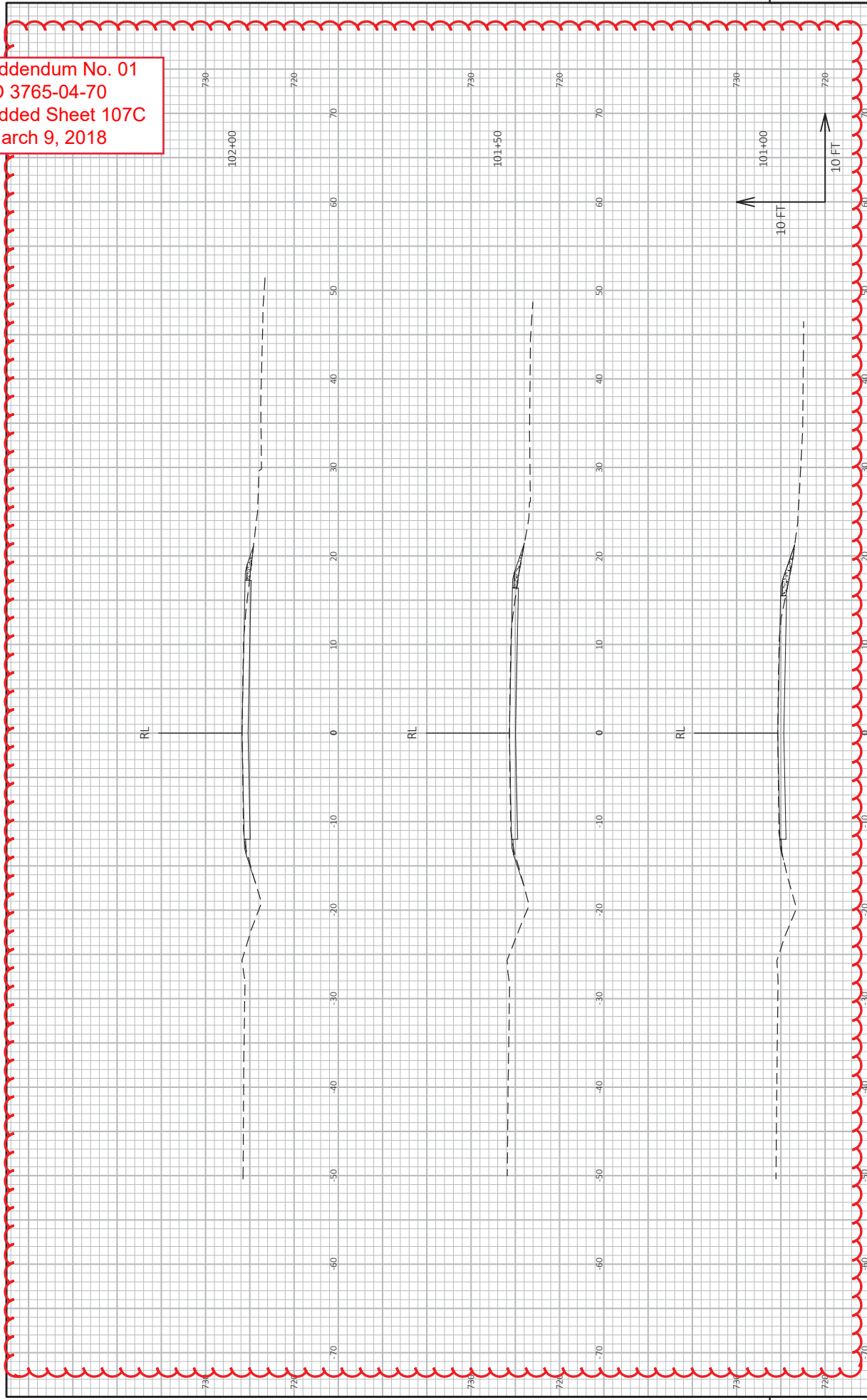
BY: TYLER OWENS

CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A

SHEET 107B

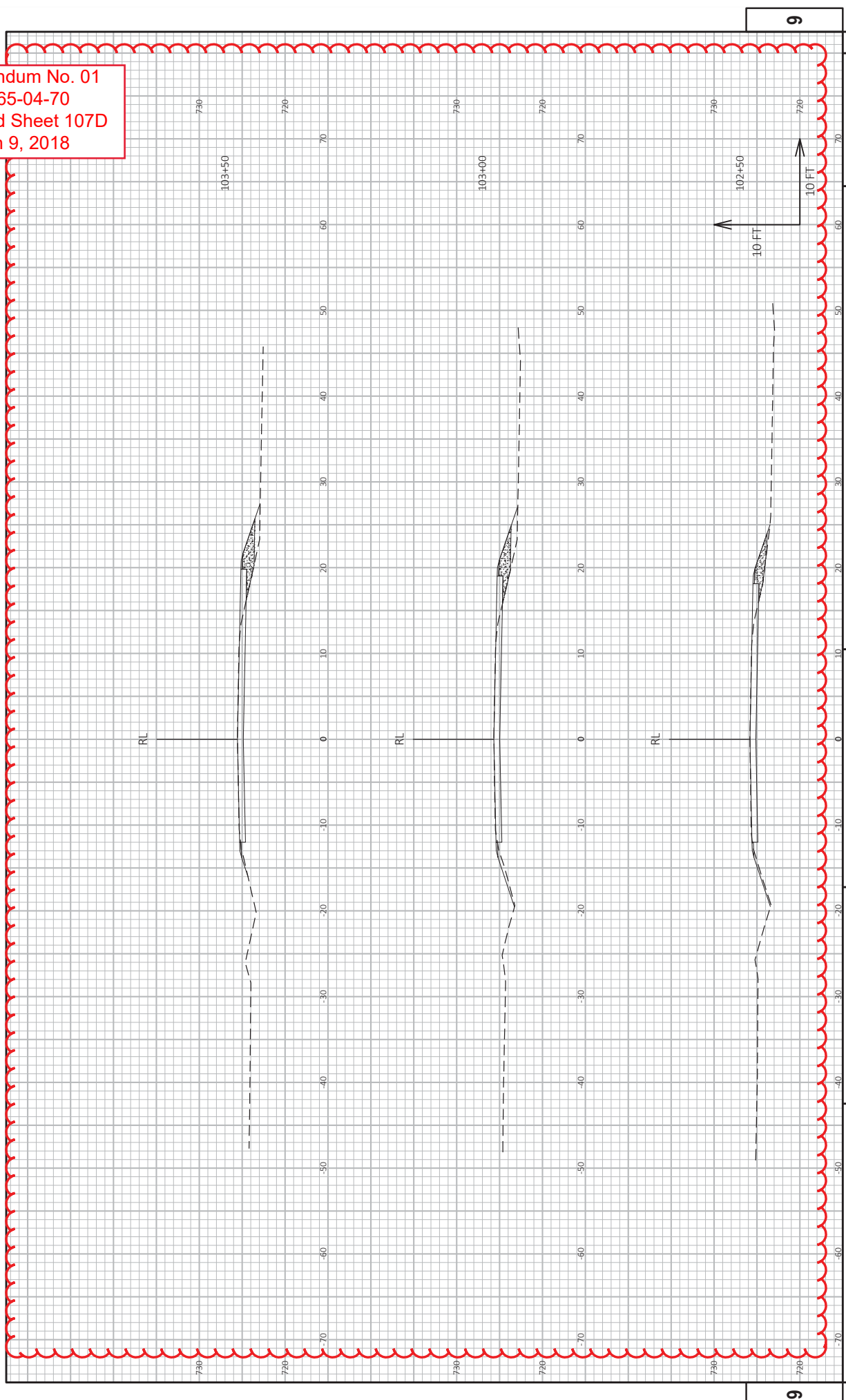
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LAYOUT NAME: -02
PLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.
WSS07/CADD/SHEET 49

Addendum No. 01
ID 3765-04-70
Added Sheet 107C
March 9, 2018



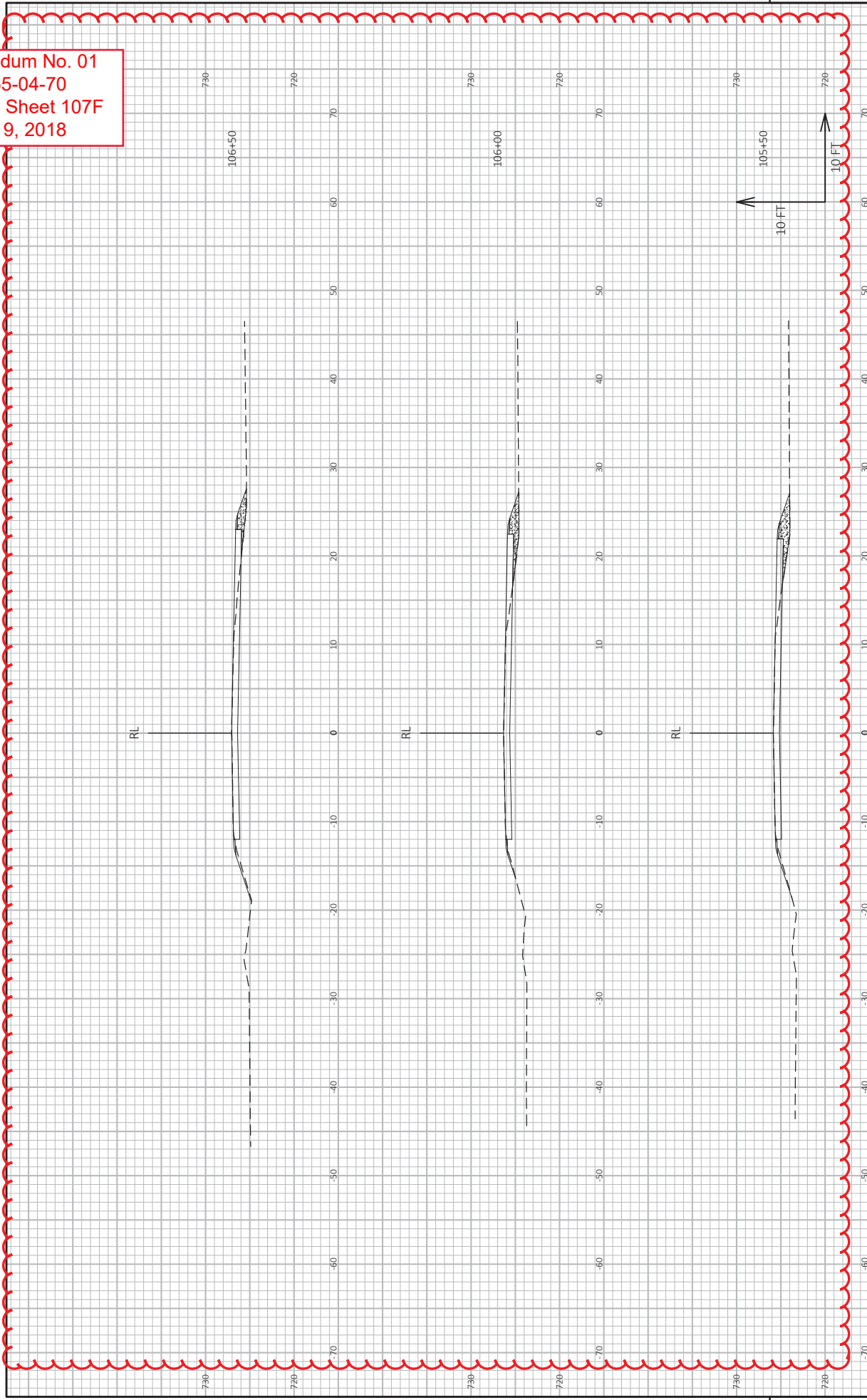
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HWY: CTH A
COUNTY: KENOSHA
CROSS SECTIONS:
INTERSECTION RECONSTRUCTION SECTIONS: CTH A
PLOT BY: TYLER OWENS
PLOT DATE: 2/15/2018 5:07 PM
PLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.
SHEET 107C
E

Addendum No. 01
ID 3765-04-70
Added Sheet 107D
March 9, 2018



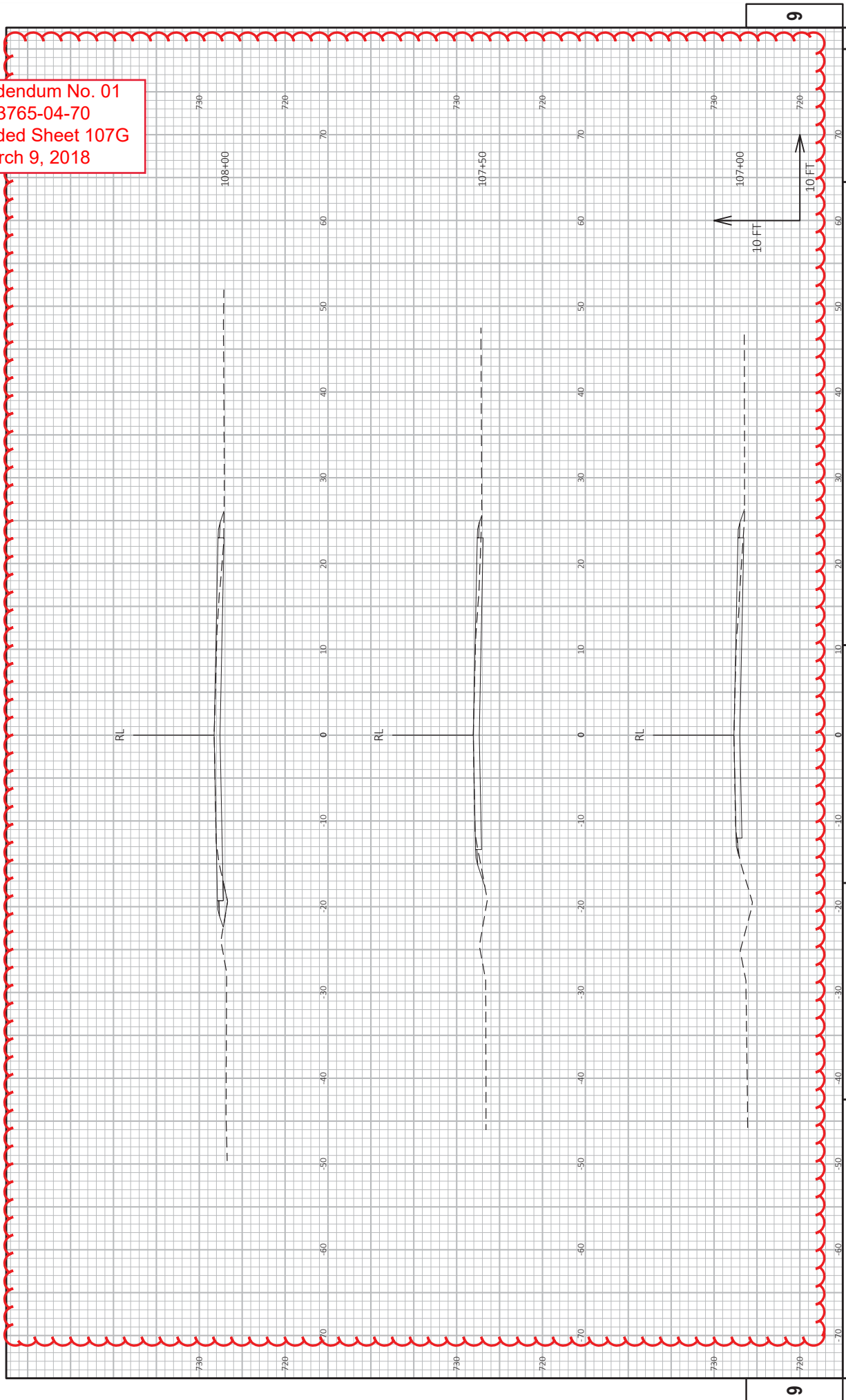
PROJECT NO: 3765-04-70
HWY: CTH A
COUNTY: KENOSHA
CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A
PLOT BY: TYLER OWENS
PLOT DATE: 2/15/2018 5:07 PM
SHEET 107D
E
FILE NAME: J:\ACTIVE\163723-01-00_3765-04-00\CTH_A\3765-04-00\37650000\37650000-CTH A\000-02-XS.DWG
LAYOUT NAME: 04
PLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.
W8507\CADDS SHEET 49

Addendum No. 01
ID 3765-04-70
Added Sheet 107F
March 9, 2018



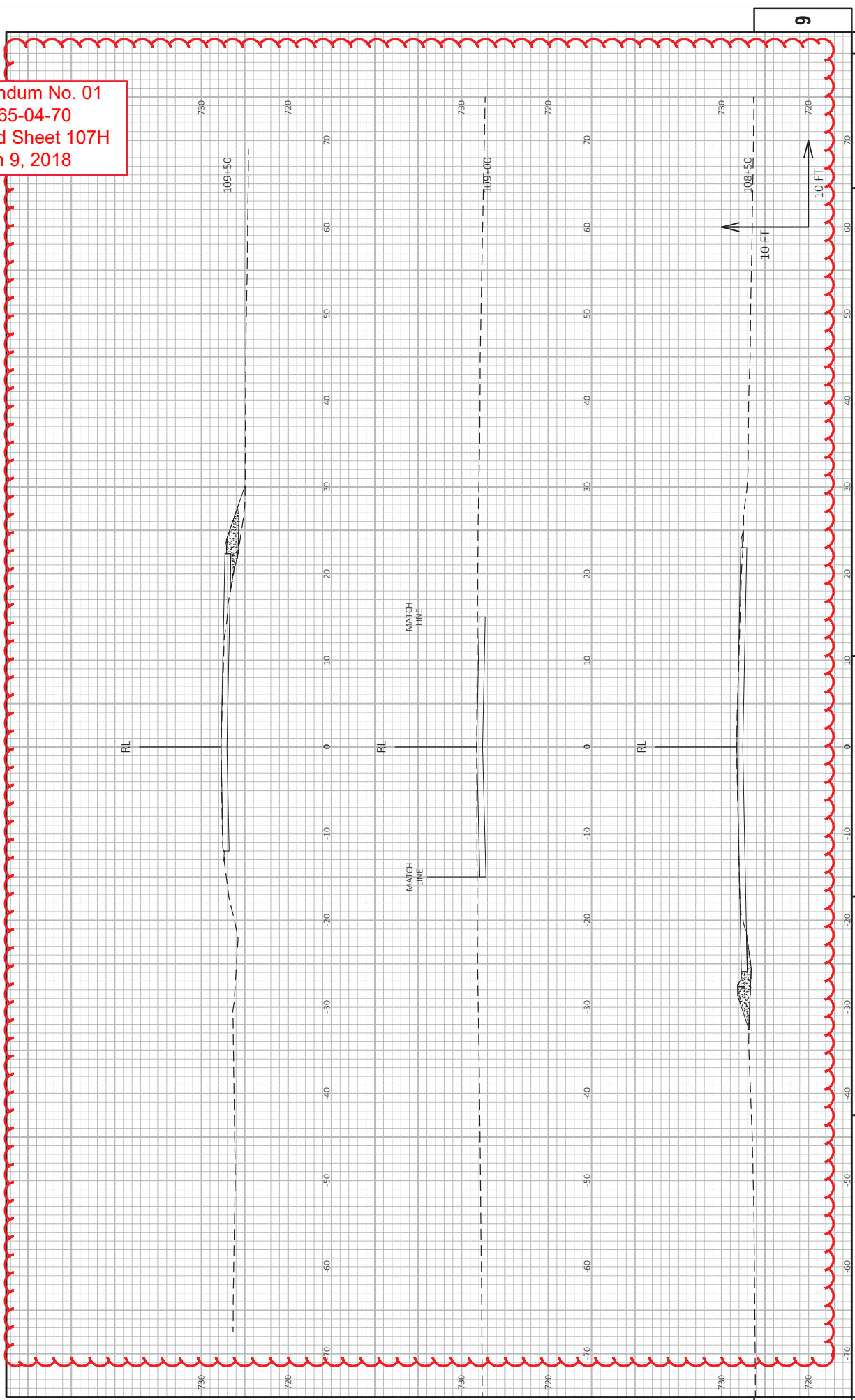
PROJECT NO: 3765-04-70	COUNTY: KENOSHA	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A	SHEET 107F
FILE NAME: J:\ACTIVE\3765-04-70\3765-04-70_3765-04-70_CTH_A\3765-04-70_SHEETS\PLAN\3765000-CTH A\000-02-XS.DWG	DATE: 2/15/2018 5:07 PM	BY: TYLER OWENS	WSS007\CADDS SHEET 49
LAYOUT NAME: -06	PLLOT DATE:	PLLOT NAME:	PLLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.

Addendum No. 01
ID 3765-04-70
Added Sheet 107G
March 9, 2018



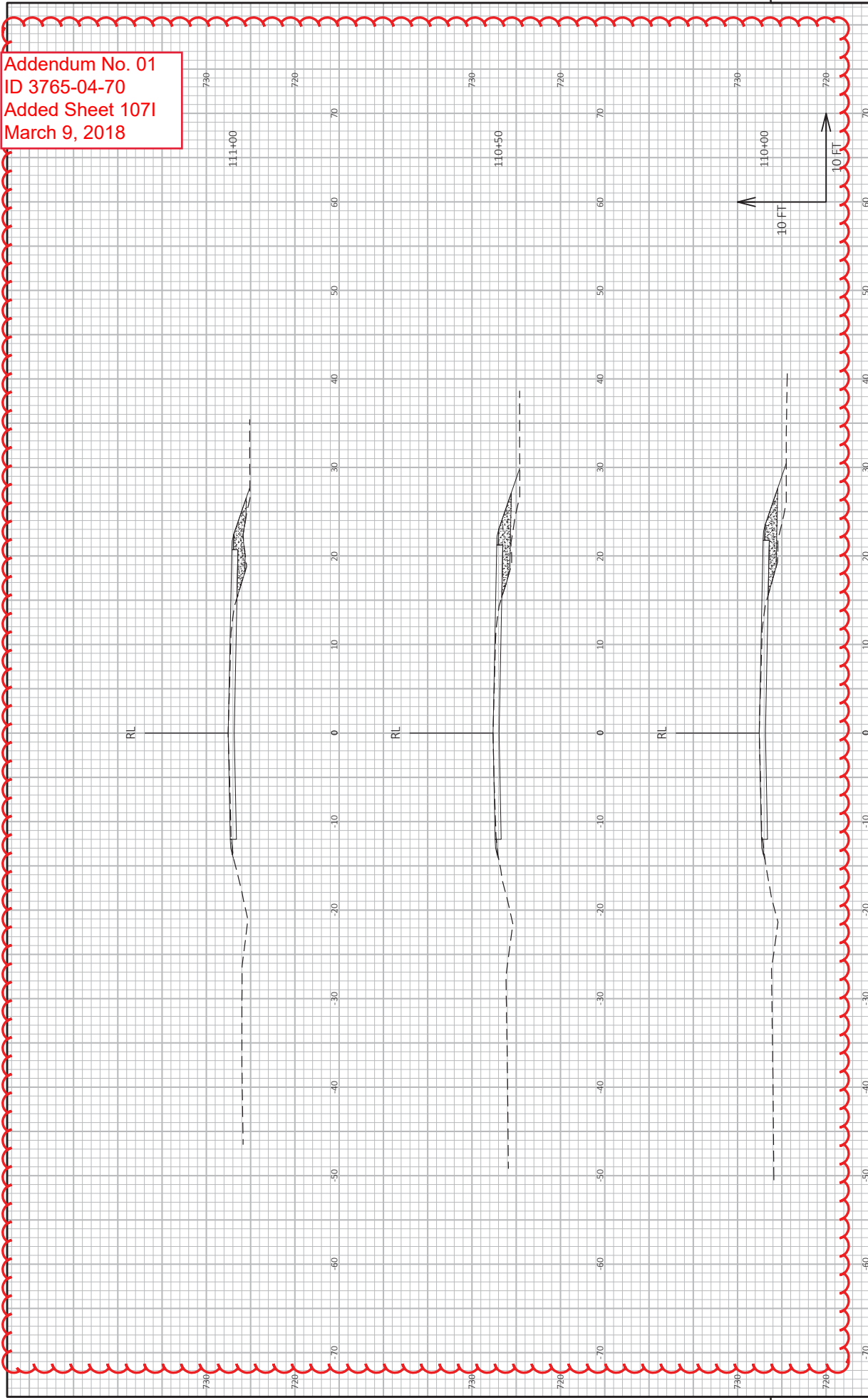
PROJECT NO: 3765-04-70	COUNTY: KENOSHA	DATE: 2/15/2018 5:07 PM	BY: TYLER OWENS	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A	SHEET 107G
FILE NAME: J:\ACTIVE\3765-04-70_CTH_A\3765-04-70_SHEETS\PLAN\3765000-CTH_A\000-02-XS.DWG	HWY: CTH A	DATE: 2/15/2018 5:07 PM	BY: TYLER OWENS	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A	SHEET 107G
LAYOUT NAME: -07	HWY: CTH A	DATE: 2/15/2018 5:07 PM	BY: TYLER OWENS	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A	SHEET 107G

Addendum No. 01
 ID 3765-04-70
 Added Sheet 107H
 March 9, 2018

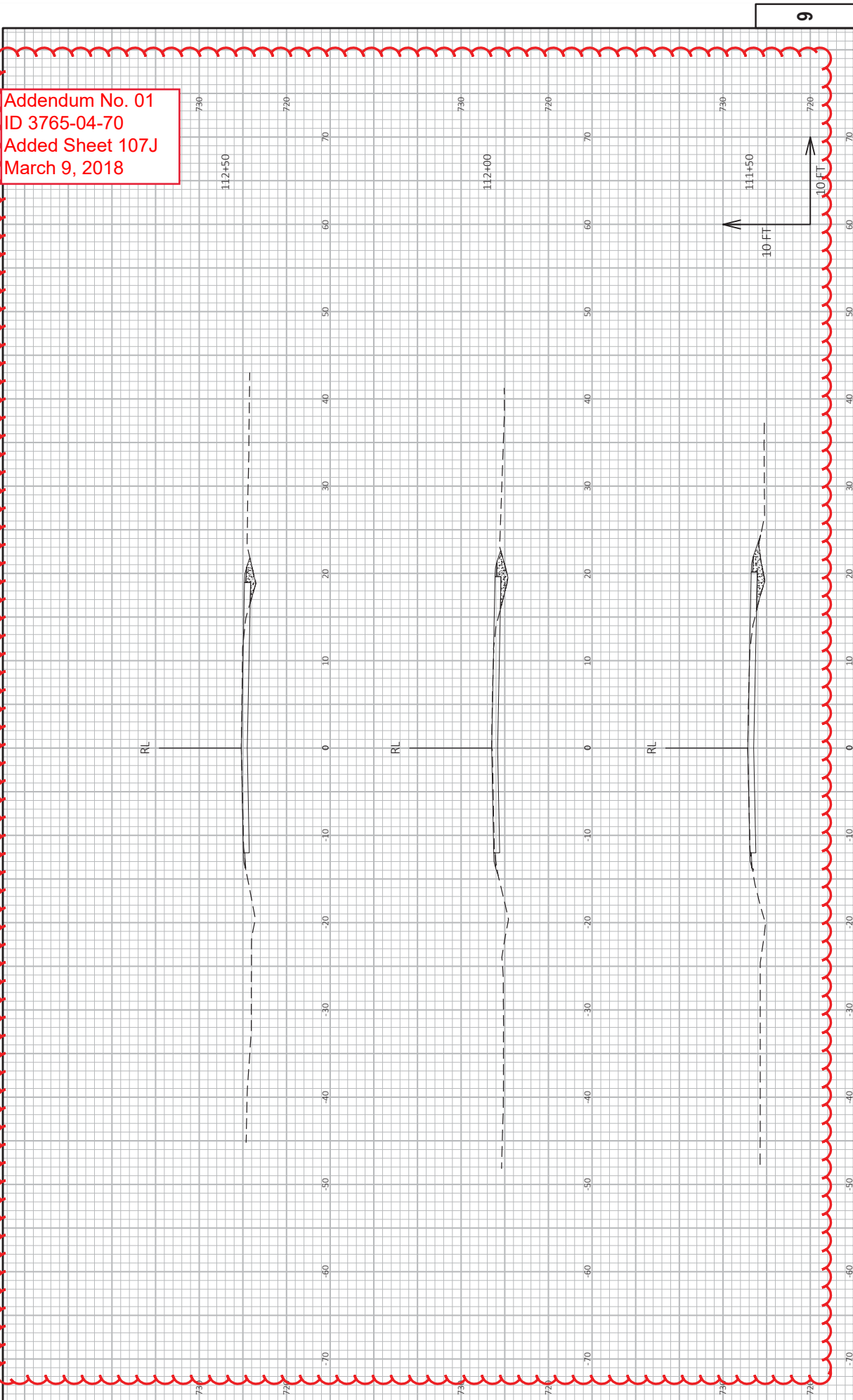


PROJECT NO: 3765-04-70	COUNTY: KENOSHA	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A	SHEET 107H
HWY: CTH A	FLYBY: TYLER OWENS	PLLOT NAME:	E
FILE NAME: J:\ACTIVE\3765-04-70_3765-04-70_CTH_A\3765-04-70_SHEETS\PLAN\37650400-CTH A\090-02-XS.DWG	PLLOT DATE: 2/15/2018 5:07 PM	PLLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.	9

Addendum No. 01
ID 3765-04-70
Added Sheet 1071
March 9, 2018

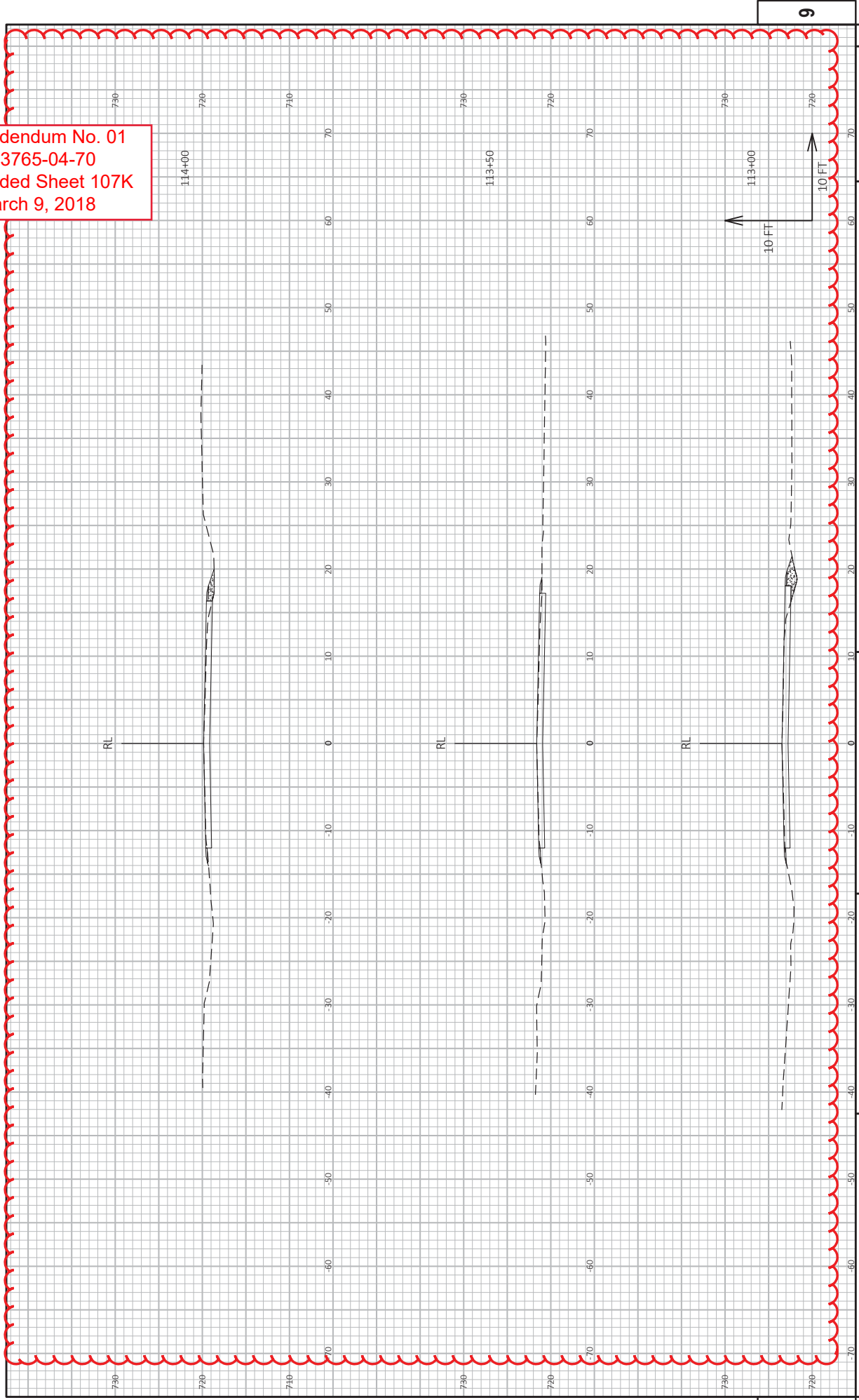


Addendum No. 01
 ID 3765-04-70
 Added Sheet 107J
 March 9, 2018



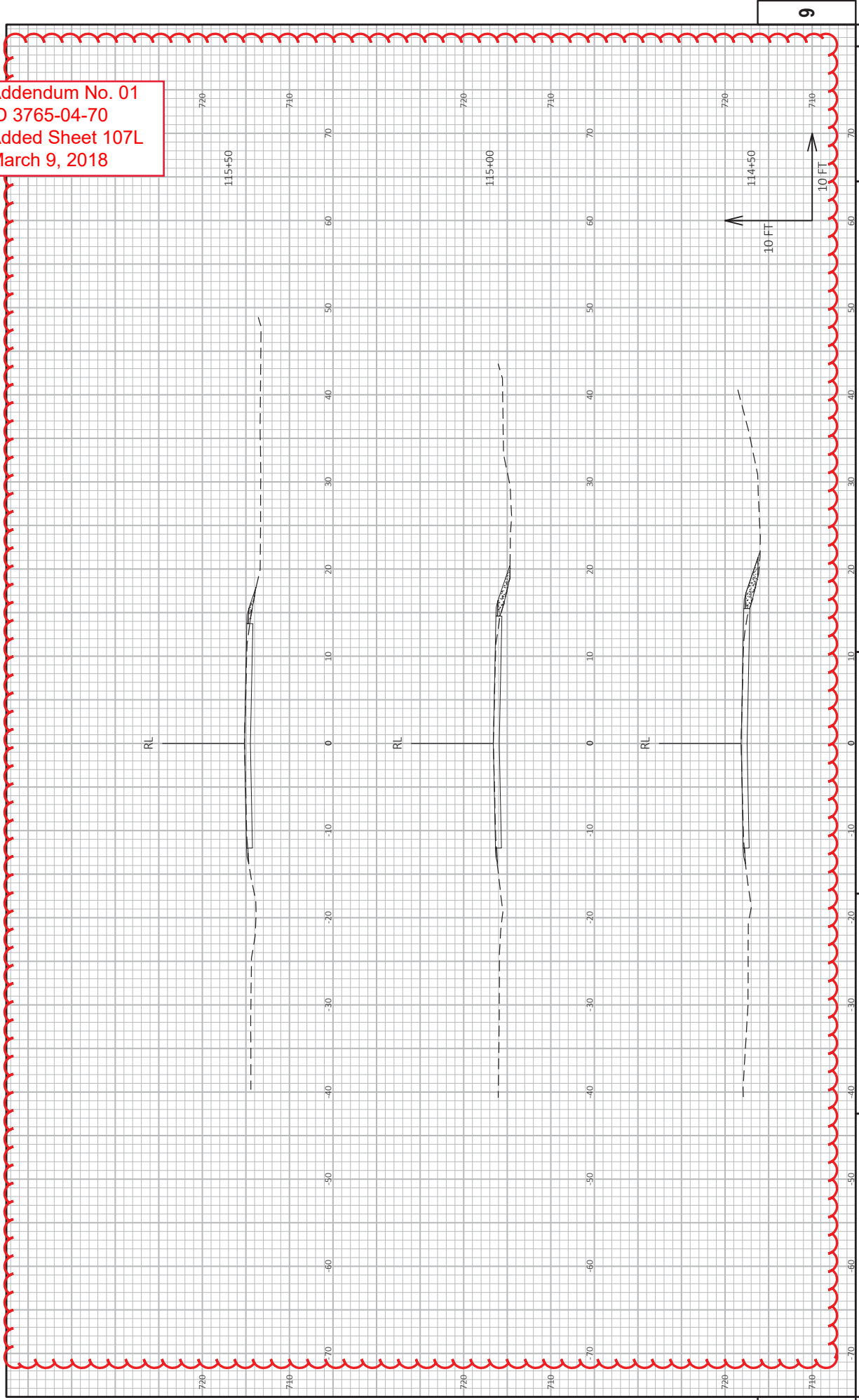
PROJECT NO: 3765-04-70	COUNTY: KENOSHA	DATE: 2/15/2018 5:07 PM	BY: TYLER OWENS	SECTION: INTERSECTION RECONSTRUCTION SECTIONS: CTH A	SHEET: 107J
FILE NAME: J:\ACTIVE\3765-04-70\CTH_A\3765-04-70\3765000\3765000-CTH A\090-02-XS.DWG	LAYOUT NAME: 10	DATE: 2/15/2018 5:07 PM	BY: TYLER OWENS	SECTION: INTERSECTION RECONSTRUCTION SECTIONS: CTH A	SHEET: 107J

Addendum No. 01
ID 3765-04-70
Added Sheet 107K
March 9, 2018



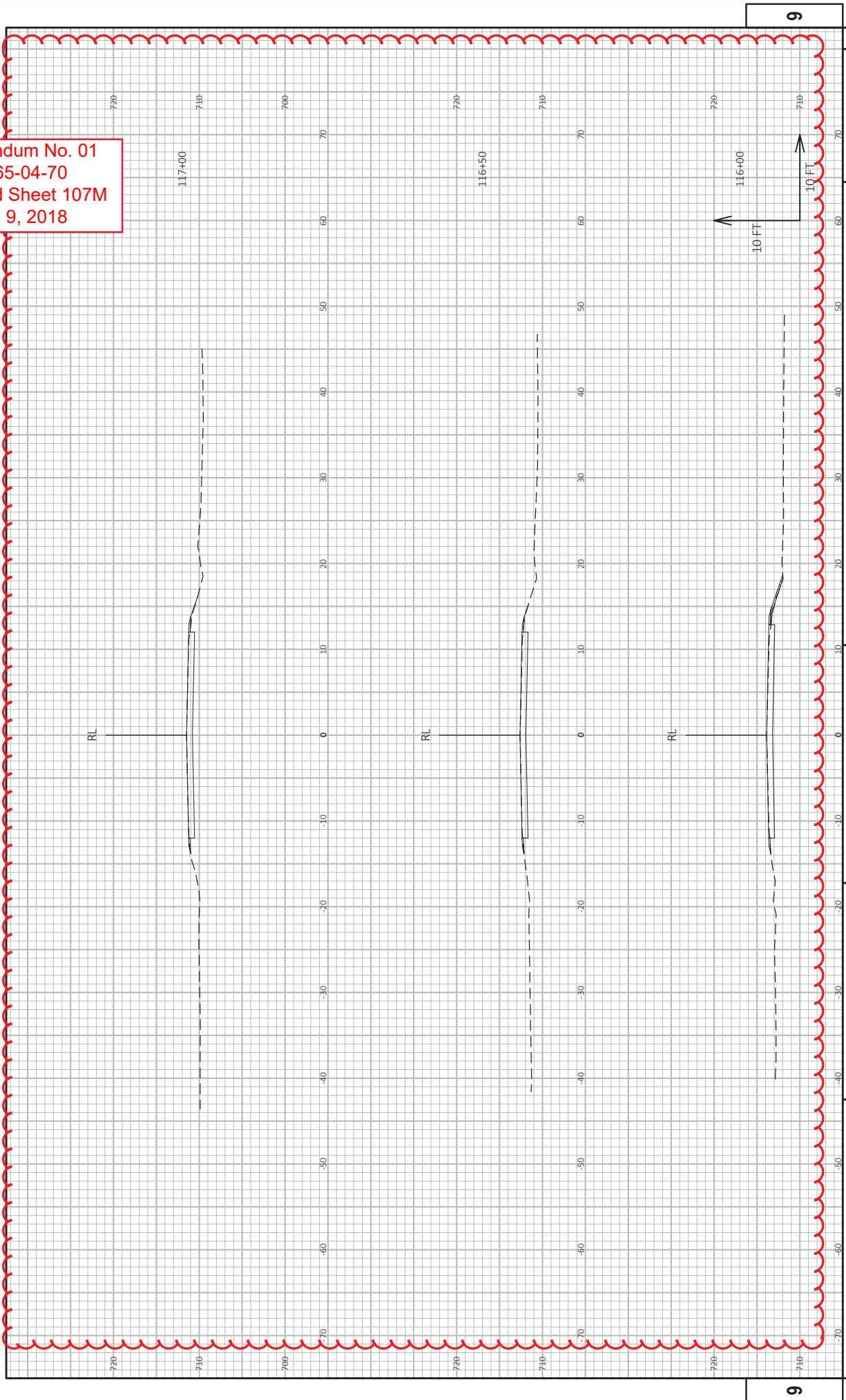
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LAYOUT NAME: -11	HWY: CTH A	PLLOT DATE: 2/15/2018 5:07 PM	PLLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.

Addendum No. 01
ID 3765-04-70
Added Sheet 107L
March 9, 2018



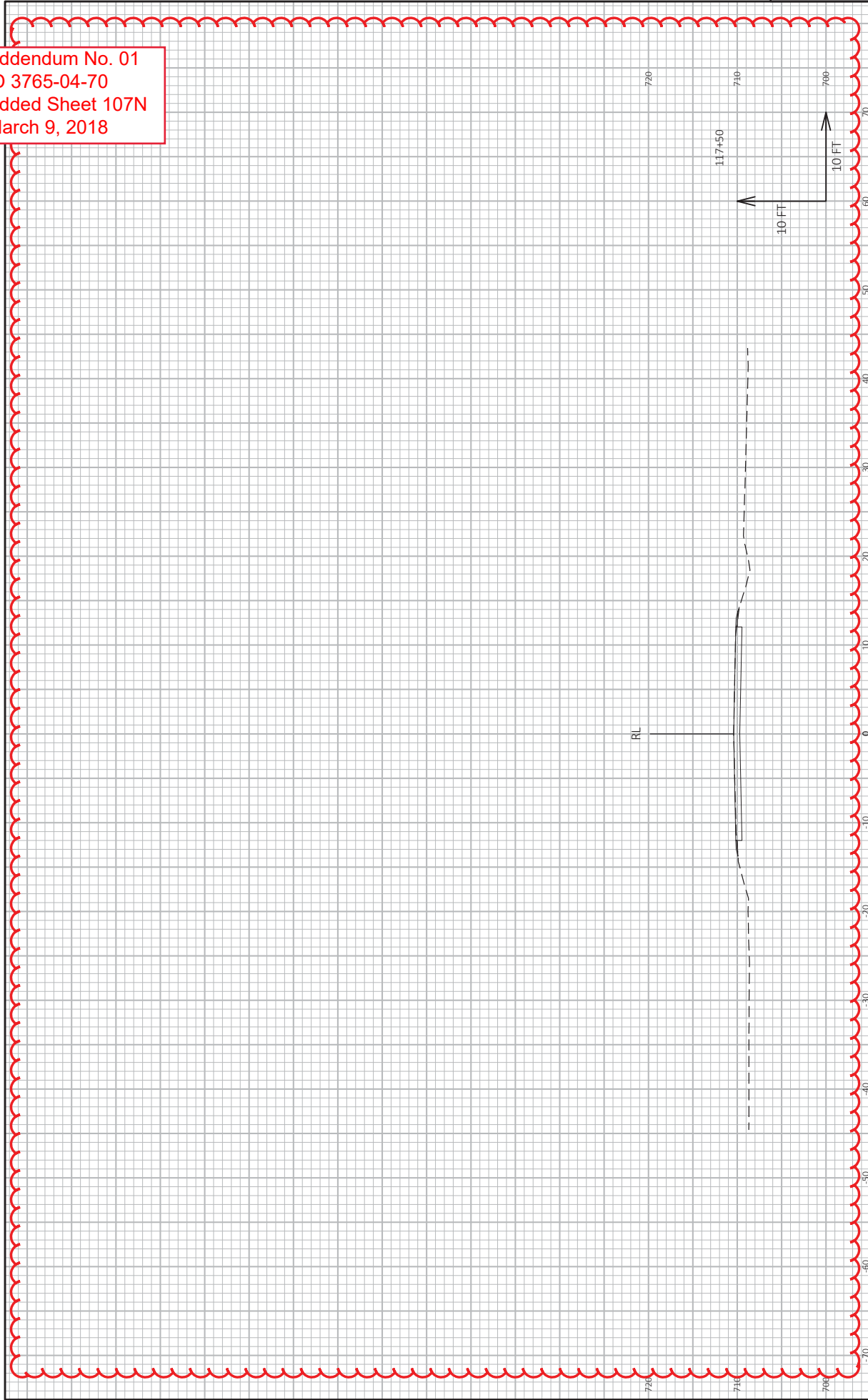
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FILE NAME: J:\ACTIVE\153725-01-00_3765-04-00\CTH_A\CTH_A\3765-04-00\SHETS\PLAN\3765000-CTH A\090-02-XS.DWG							
LAYOUT NAME: -12							
PLOT SCALE: 1 IN.=10 FT. HORZ. / 1 IN.=10 FT. VERT.							
WISSOT/CADDIS SHEET 49							

Addendum No. 01
ID 3765-04-70
Added Sheet 107M
March 9, 2018



PROJECT NO: 3765-04-70	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A	SHEET 107M
HWY: CTH A	COUNTY: KENOSHA	DATE: 2/15/2018 5:07 PM
FILE NAME: J:\ACTIVE\3765-04-70\3765-04-70_CTH_A\3765-04-70_SHEETS\PLAN\37650400-CTH A\090-02-XS.DWG	FLOR BY: TYLER OWENS	PLOT NAME: W:\S07\CADDS SHEET 49
LAYOUT NAME: 13	PLOT DATE: 2/15/2018 5:07 PM	PLOTS SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.

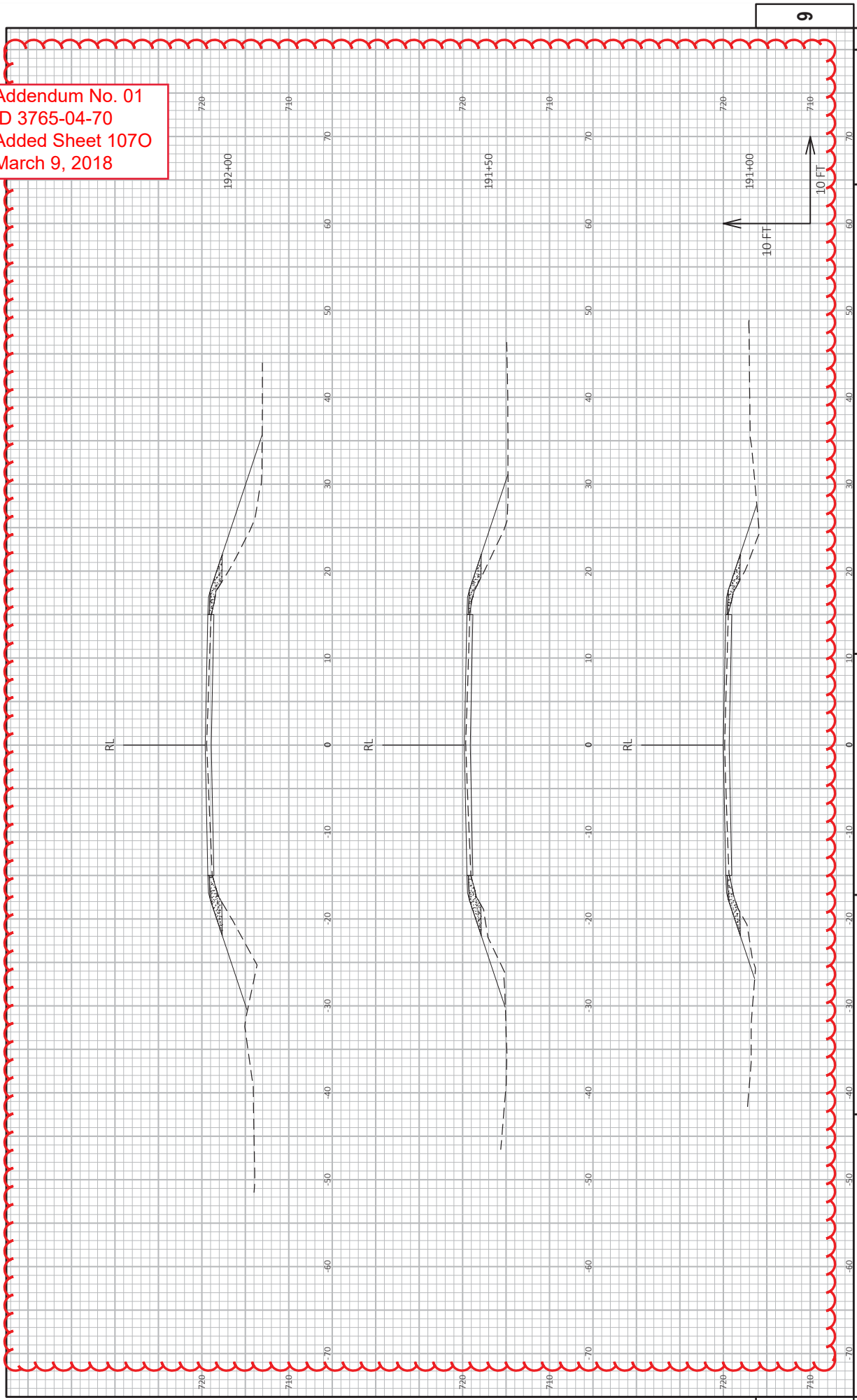
Addendum No. 01
ID 3765-04-70
Added Sheet 107N
March 9, 2018



PROJECT NO: 3765-04-70
HWY: CTH A
COUNTY: KENOSHA
CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A
PLOT BY: TYLER OWENS
PLOT DATE: 2/15/2018 5:07 PM
SHEET 107N
E
W:\5007\CADD\5 SHEET 49

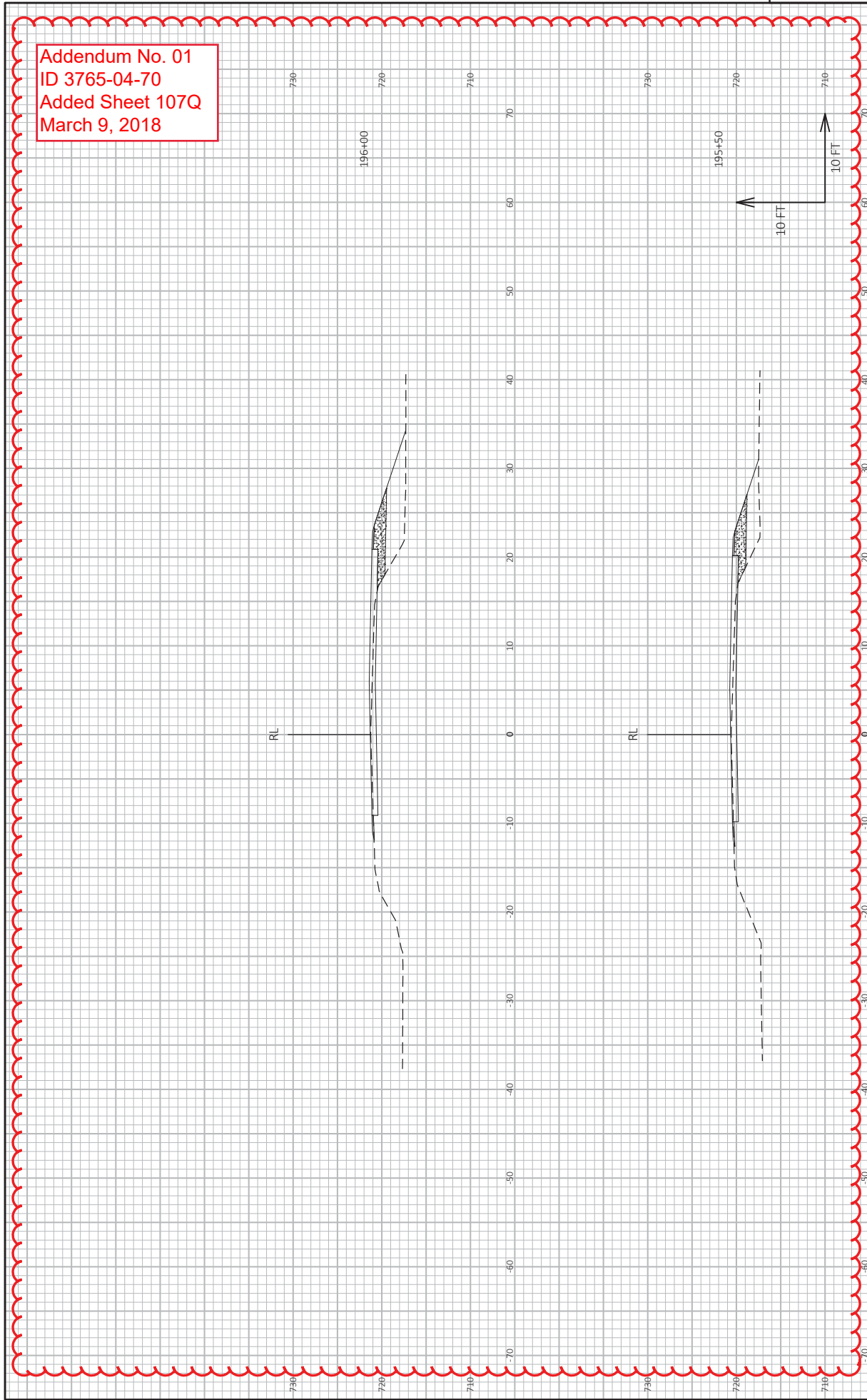
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LAYOUT NAME: 14

Addendum No. 01
ID 3765-04-70
Added Sheet 1070
March 9, 2018



PROJECT NO: 3765-04-70	COUNTY: KENOSHA	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H	SHEET 1070
FILE NAME: J:\ACTIVE\VE\3725-01-00_3765-04-00\CTH_FL_CTH_A\3765-04-00\37650000\37650000-CTH_A\000-02-XS.DWG	DATE: 2/15/2018 5:07 PM	BY: TYLER OWENS	WSS07/CADD/SHEET 49
LAYOUT NAME: 15			

Addendum No. 01
ID 3765-04-70
Added Sheet 107Q
March 9, 2018

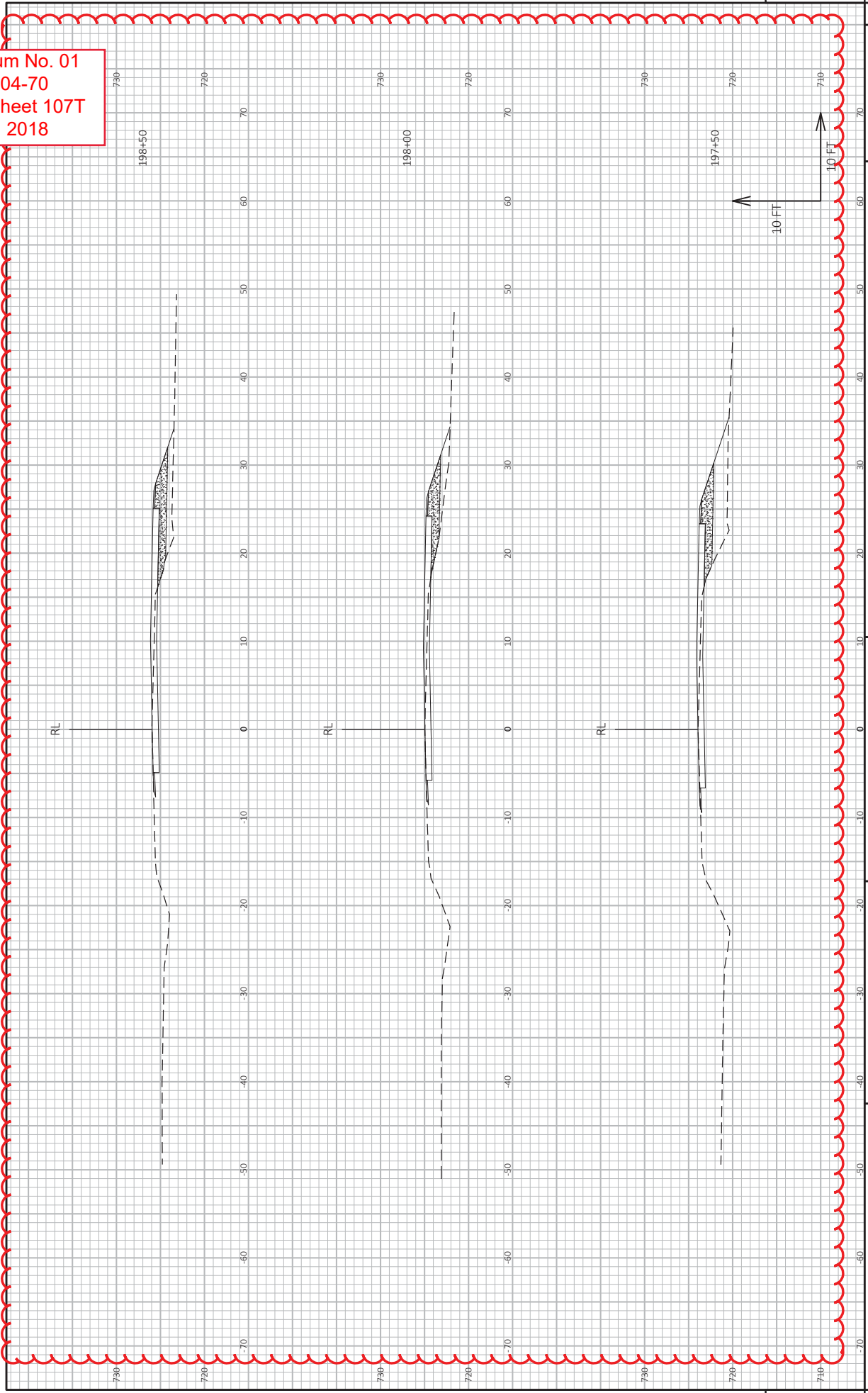


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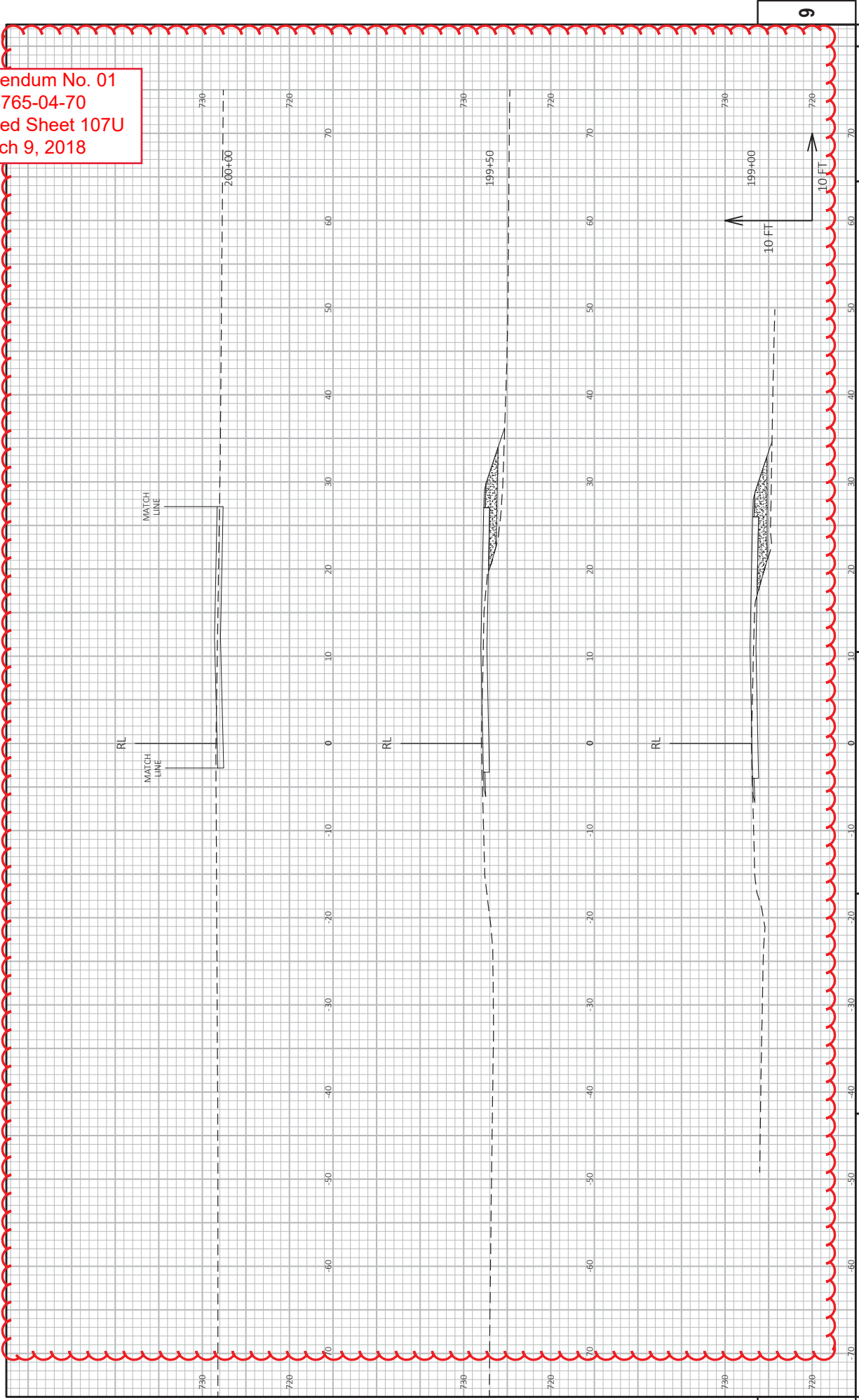
PROJECT NO: 3765-04-70
HWY: CTH A
COUNTY: KENOSHA
CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H
PLOT BY: TYLER OWENS
PLOT DATE: 2/15/2018 5:07 PM
SHEET 107Q
E
FILE NAME: J:\ACTIVE\3765-04-70_CTH_A\3765-04-70_SHEETS\PLAN\37650400-CTH_A\090-02-XS.DWG
LAYOUT NAME: 17
PLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.
W85007\CADDS SHEET 49

Addendum No. 01
ID 3765-04-70
Added Sheet 107T
March 9, 2018



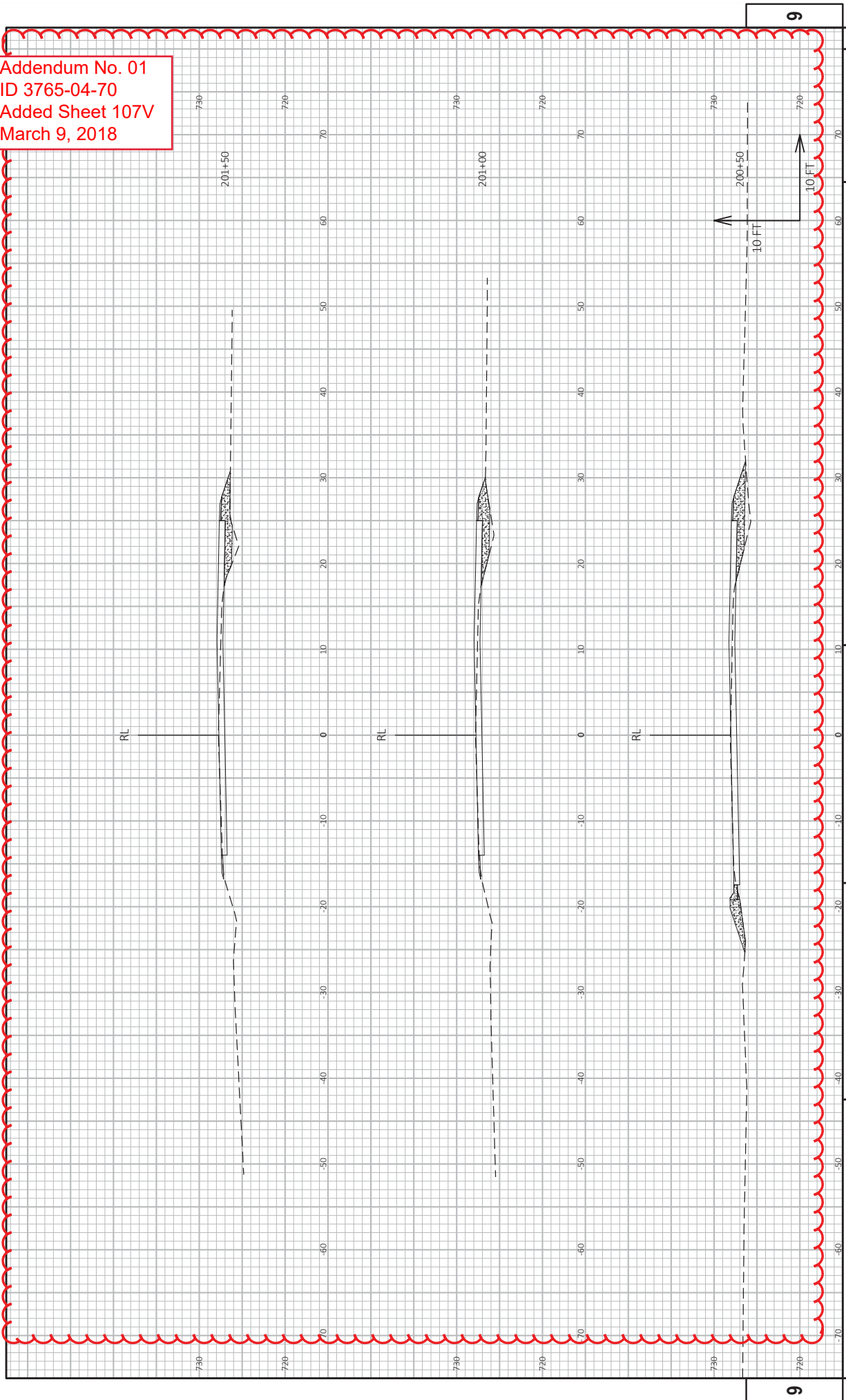
PROJECT NO: 3765-04-70	COUNTY: KENOSHA	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH A	SHEET 107T
FILE NAME: J:\ACTIVE\3765-04-70\CTH A\3765-04-70\37650400\SHETS\PLAN\37650400-CTH A\090-02-XS.DWG	DATE: 2/15/2018 5:08 PM	BY: TYLER OWENS	WSS07/CADD/SHEET 49
LAYOUT NAME: 20			

Addendum No. 01
 ID 3765-04-70
 Added Sheet 107U
 March 9, 2018



PROJECT NO: 3765-04-70	COUNTY: KENOSHA	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H	SHEET 107U	E
FILE NAME: J:\ACTIVE\3765-04-70\3765-04-70_CTH_A\3765-04-70_SHEETS\PLAN\3765000-CTH_A\090-02-XS.DWG	DATE: 2/15/2018 5:08 PM	BY: TYLER OWENS	SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.	WISDOT/CADDIS SHEET 49
LAYOUT NAME: 21				

Addendum No. 01
ID 3765-04-70
Added Sheet 107V
March 9, 2018



PROJECT NO: 3765-04-70	CROSS SECTIONS: INTERSECTION RECONSTRUCTION SECTIONS: CTH H	SHEET 107V
HWY: CTH A	COUNTY: KENOSHA	DATE: 2/15/2018 5:08 PM
FILE NAME: J:\ACTIVE\3765-04-00\CTH_H_CTH_A\3765-04-00\37650400\37650400-CTH_A\090-02-XS.DWG	FLYBY: TYLER OWENS	PLLOT NAME: WIS007\CADDS SHEET 49
LAYOUT NAME: 22	PLLOT DATE: 2/15/2018 5:08 PM	PLLOT SCALE: 1 IN=10 FT HORZ. / 1 IN=10 FT VERT.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	203.0100 Removing Small Pipe Culverts	14.000 EACH	_____.	_____.
0004	204.0100 Removing Pavement	365.000 SY	_____.	_____.
0006	204.0110 Removing Asphaltic Surface	37,232.000 SY	_____.	_____.
0008	204.0115 Removing Asphaltic Surface Butt Joints	3,615.000 SY	_____.	_____.
0010	204.0120 Removing Asphaltic Surface Milling	77,887.000 SY	_____.	_____.
0012	204.0150 Removing Curb & Gutter	3,045.000 LF	_____.	_____.
0014	204.0155 Removing Concrete Sidewalk	146.000 SY	_____.	_____.
0016	204.0165 Removing Guardrail	288.000 LF	_____.	_____.
0018	204.0180 Removing Delineators and Markers	9.000 EACH	_____.	_____.
0020	205.0100 Excavation Common	12,385.000 CY	_____.	_____.
0022	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 2818-00-73	LS	LUMP SUM	_____.
0024	211.0400 Prepare Foundation for Asphaltic Shoulders	460.000 STA	_____.	_____.
0026	213.0100 Finishing Roadway (project) 01. 2818-00-73	1.000 EACH	_____.	_____.
0028	213.0100 Finishing Roadway (project) 02. 3723-01-70	1.000 EACH	_____.	_____.
0030	213.0100 Finishing Roadway (project) 03. 3765-04-70	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	305.0110 Base Aggregate Dense 3/4-Inch	3,673.000 TON	_____.	_____.
0034	305.0120 Base Aggregate Dense 1 1/4-Inch	19,757.000 TON	_____.	_____.
0040	311.0110 Breaker Run	400.000 TON	_____.	_____.
0042	390.0203 Base Patching Asphaltic	640.000 SY	_____.	_____.
0044	416.0270 Concrete Driveway HES 7-Inch	184.000 SY	_____.	_____.
0046	416.0610 Drilled Tie Bars	174.000 EACH	_____.	_____.
0048	440.4410 Incentive IRI Ride	29,000.000 DOL	1.00000	29,000.00
0050	450.4000 HMA Cold Weather Paving	14,335.000 TON	_____.	_____.
0052	455.0605 Tack Coat	11,849.000 GAL	_____.	_____.
0054	460.2000 Incentive Density HMA Pavement	27,210.000 DOL	1.00000	27,210.00
0056	460.5223 HMA Pavement 3 LT 58-28 S	10,700.000 TON	_____.	_____.
0058	460.5224 HMA Pavement 4 LT 58-28 S	2,900.000 TON	_____.	_____.
0062	460.6223 HMA Pavement 3 MT 58-28 S	20,944.000 TON	_____.	_____.
0064	460.6224 HMA Pavement 4 MT 58-28 S	2,375.000 TON	_____.	_____.
0066	460.6424 HMA Pavement 4 MT 58-28 H	5,578.000 TON	_____.	_____.
0068	465.0120 Asphaltic Surface Driveways and Field Entrances	278.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	465.0315 Asphaltic Flumes	23.000 SY	_____.	_____.
0072	465.0450 Asphaltic Intersection Rumble Strips	80.000 SY	_____.	_____.
0074	520.1042 Apron Endwalls for Culvert Pipe 42-Inch	2.000 EACH	_____.	_____.
0076	520.8000 Concrete Collars for Pipe	2.000 EACH	_____.	_____.
0078	521.1228 Apron Endwalls for Pipe Arch Steel 28x20-Inch	2.000 EACH	_____.	_____.
0080	521.1242 Apron Endwalls for Pipe Arch Steel 42x29-Inch	2.000 EACH	_____.	_____.
0082	521.3728 Pipe Arch Corrugated Steel 28x20-Inch	268.000 LF	_____.	_____.
0084	521.3742 Pipe Arch Corrugated Steel 42x29-Inch	62.000 LF	_____.	_____.
0086	522.0524 Culvert Pipe Reinforced Concrete Class V 24-Inch	56.000 LF	_____.	_____.
0088	522.0530 Culvert Pipe Reinforced Concrete Class V 30-Inch	240.000 LF	_____.	_____.
0090	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	4.000 EACH	_____.	_____.
0092	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	2.000 EACH	_____.	_____.
0094	601.0411 Concrete Curb & Gutter 30-Inch Type D	1,503.000 LF	_____.	_____.
0096	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	50.000 LF	_____.	_____.
0098	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	764.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0100	602.0410 Concrete Sidewalk 5-Inch	1,313.000 SF	_____.	_____.
0102	602.0505 Curb Ramp Detectable Warning Field Yellow	64.000 SF	_____.	_____.
0104	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	191.000 SF	_____.	_____.
0106	606.0200 Riprap Medium	28.000 CY	_____.	_____.
0108	611.8110 Adjusting Manhole Covers	28.000 EACH	_____.	_____.
0110	611.8115 Adjusting Inlet Covers	51.000 EACH	_____.	_____.
0112	614.2300 MGS Guardrail 3	100.000 LF	_____.	_____.
0114	614.2610 MGS Guardrail Terminal EAT	1.000 EACH	_____.	_____.
0116	614.2620 MGS Guardrail Terminal Type 2	1.000 EACH	_____.	_____.
0118	618.0100 Maintenance And Repair of Haul Roads (project) 01. 2818-00-73	1.000 EACH	_____.	_____.
0120	619.1000 Mobilization	1.000 EACH	_____.	_____.
0122	620.0100 Concrete Corrugated Median	3,290.000 SF	_____.	_____.
0124	620.0300 Concrete Median Sloped Nose	100.000 SF	_____.	_____.
0126	621.1100 Landmark Reference Monuments and Cast Iron Covers	14.000 EACH	_____.	_____.
0128	623.0200 Dust Control Surface Treatment	16,710.000 SY	_____.	_____.
0130	624.0100 Water	225.000 MGAL	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0132	625.0100 Topsoil	1,780.000 SY	_____.	_____.
0134	625.0500 Salvaged Topsoil	11,155.000 SY	_____.	_____.
0136	627.0200 Mulching	1,780.000 SY	_____.	_____.
0138	628.1504 Silt Fence	7,239.000 LF	_____.	_____.
0140	628.1520 Silt Fence Maintenance	7,219.000 LF	_____.	_____.
0142	628.1905 Mobilizations Erosion Control	2.000 EACH	_____.	_____.
0144	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	_____.	_____.
0146	628.2008 Erosion Mat Urban Class I Type B	10,572.000 SY	_____.	_____.
0148	628.7005 Inlet Protection Type A	5.000 EACH	_____.	_____.
0150	628.7015 Inlet Protection Type C	46.000 EACH	_____.	_____.
0152	628.7020 Inlet Protection Type D	9.000 EACH	_____.	_____.
0154	628.7504 Temporary Ditch Checks	210.000 LF	_____.	_____.
0156	628.7555 Culvert Pipe Checks	81.000 EACH	_____.	_____.
0158	629.0210 Fertilizer Type B	7.900 CWT	_____.	_____.
0160	630.0130 Seeding Mixture No. 30	224.000 LB	_____.	_____.
0162	630.0200 Seeding Temporary	50.000 LB	_____.	_____.
0164	631.1100 Sod Erosion Control	743.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0166	633.5200 Markers Culvert End	23.000 EACH	_____.	_____.
0168	634.0614 Posts Wood 4x6-Inch X 14-FT	111.000 EACH	_____.	_____.
0170	634.0616 Posts Wood 4x6-Inch X 16-FT	95.000 EACH	_____.	_____.
0172	634.0618 Posts Wood 4x6-Inch X 18-FT	1.000 EACH	_____.	_____.
0174	637.0620 Sign Flags Permanent Type II	23.000 EACH	_____.	_____.
0176	637.2210 Signs Type II Reflective H	819.600 SF	_____.	_____.
0178	637.2215 Signs Type II Reflective H Folding	133.700 SF	_____.	_____.
0180	637.2230 Signs Type II Reflective F	567.900 SF	_____.	_____.
0182	638.2102 Moving Signs Type II	2.000 EACH	_____.	_____.
0184	638.2602 Removing Signs Type II	160.000 EACH	_____.	_____.
0186	638.3000 Removing Small Sign Supports	137.000 EACH	_____.	_____.
0188	638.4000 Moving Small Sign Supports	5.000 EACH	_____.	_____.
0190	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0192	643.0300 Traffic Control Drums	3,417.000 DAY	_____.	_____.
0194	643.0310.S Temporary Portable Rumble Strips	1.000 LS	_____.	_____.
0196	643.0410 Traffic Control Barricades Type II	36.000 DAY	_____.	_____.
0198	643.0420 Traffic Control Barricades Type III	1,752.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0200	643.0705 Traffic Control Warning Lights Type A	2,110.000 DAY	_____.	_____.
0202	643.0715 Traffic Control Warning Lights Type C	690.000 DAY	_____.	_____.
0204	643.0900 Traffic Control Signs	17,028.000 DAY	_____.	_____.
0206	643.0920 Traffic Control Covering Signs Type II	10.000 EACH	_____.	_____.
0208	643.1050 Traffic Control Signs PCMS	28.000 DAY	_____.	_____.
0210	643.1070 Traffic Control Cones 42-Inch	52.000 DAY	_____.	_____.
0212	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0214	644.1430.S Temporary Pedestrian Surface Plate	80.000 SF	_____.	_____.
0216	644.1601.S Temporary Curb Ramp	12.000 EACH	_____.	_____.
0218	644.1616.S Temporary Pedestrian Safety Fence	150.000 LF	_____.	_____.
0220	645.0120 Geotextile Type HR	52.000 SY	_____.	_____.
0222	645.0220 Geogrid Type SR	14,000.000 SY	_____.	_____.
0224	646.1020 Marking Line Epoxy 4-Inch	80,580.000 LF	_____.	_____.
0226	646.3020 Marking Line Epoxy 8-Inch	4,381.000 LF	_____.	_____.
0228	646.4520 Marking Line Same Day Epoxy 4-Inch	34,751.000 LF	_____.	_____.
0230	646.5020 Marking Arrow Epoxy	38.000 EACH	_____.	_____.
0232	646.5120 Marking Word Epoxy	14.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0234	646.6120 Marking Stop Line Epoxy 18-Inch	766.000 LF	_____.	_____.
0236	646.7120 Marking Diagonal Epoxy 12-Inch	941.000 LF	_____.	_____.
0238	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	363.000 LF	_____.	_____.
0240	646.8020 Marking Corrugated Median Epoxy	3,290.000 SF	_____.	_____.
0242	646.8120 Marking Curb Epoxy	100.000 LF	_____.	_____.
0244	646.8220 Marking Island Nose Epoxy	10.000 EACH	_____.	_____.
0246	646.9000 Marking Removal Line 4-Inch	110.000 LF	_____.	_____.
0248	646.9200 Marking Removal Line Wide	70.000 LF	_____.	_____.
0250	649.0105 Temporary Marking Line Paint 4-Inch	31,250.000 LF	_____.	_____.
0270	652.0800 Conduit Loop Detector	850.000 LF	_____.	_____.
0272	653.0900 Adjusting Pull Boxes	6.000 EACH	_____.	_____.
0274	654.0101 Concrete Bases Type 1	2.000 EACH	_____.	_____.
0276	655.0700 Loop Detector Lead In Cable	3,450.000 LF	_____.	_____.
0278	655.0800 Loop Detector Wire	4,000.000 LF	_____.	_____.
0280	655.0900 Traffic Signal EVP Detector Cable	1,282.000 LF	_____.	_____.
0282	661.0200 Temporary Traffic Signals for Intersections (location) 01. CTH H & CTH KR	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0284	661.0200 Temporary Traffic Signals for Intersections (location) 02. CTH H & Braun Road	LS	LUMP SUM	_____.
0288	661.0200 Temporary Traffic Signals for Intersections (location) 04. CTH A & CTH H	LS	LUMP SUM	_____.
0290	661.0200 Temporary Traffic Signals for Intersections (location) 05. IH 41 E Frontage Rd & CTH E	LS	LUMP SUM	_____.
0292	690.0150 Sawing Asphalt	2,544.000 LF	_____.	_____.
0294	690.0250 Sawing Concrete	575.000 LF	_____.	_____.
0296	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,000.000 HRS	5.00000	10,000.00
0298	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,550.000 HRS	5.00000	12,750.00
0300	SPV.0060 Special 01. Adjusting Sanitary Manholes - Village of Mount Pleasant	20.000 EACH	_____.	_____.
0302	SPV.0090 Special 01. Concrete Curb and Gutter 30-Inch Type D HES	1,412.000 LF	_____.	_____.
0304	SPV.0105 Special 01. Temporary EVP System CTH H & CTH KR	LS	LUMP SUM	_____.
0306	SPV.0105 Special 02. Temporary EVP System CTH H & Braun Road	LS	LUMP SUM	_____.
0310	SPV.0105 Special 04. Temporary EVP System CTH A & CTH H	LS	LUMP SUM	_____.
0312	SPV.0105 Special 05. Temporary EVP System IH 41 E Frontage Rd & CTH E	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0314	SPV.0105 Special 11. Temp Radar Microwave Veh Detect Sys for Int CTH H & CTH KR	LS	LUMP SUM	_____.
0316	SPV.0105 Special 12. Temp Radar Microwave Veh Detect Sys for Int CTH H & Braun Rd	LS	LUMP SUM	_____.
0320	SPV.0105 Special 14. Temp Radar Microwave Veh Detect Sys For Int CTH A & CTH H	LS	LUMP SUM	_____.
0322	SPV.0105 Special 15. Temp Radar Microwave Veh Detect Sys For Int IH 41 E Frontage Rd & CTH E	LS	LUMP SUM	_____.
0324	SPV.0105 Special 51. Transport and Install State Furnished EVP Detector Heads STH 11 & CTH H	LS	LUMP SUM	_____.
0326	SPV.0170 Special 01. Proof Rolling	51.000 STA	_____.	_____.
0328	204.0185 Removing Masonry	36.000 CY	_____.	_____.
0330	204.0260 Abandoning Inlets	2.000 EACH	_____.	_____.
0332	312.0110 Select Crushed Material	10,400.000 TON	_____.	_____.
0334	465.0105 Asphaltic Surface	18,168.000 TON	_____.	_____.
0336	504.0900 Concrete Masonry Endwalls	3.500 CY	_____.	_____.
0338	520.1012 Apron Endwalls for Culvert Pipe 12-Inch	10.000 EACH	_____.	_____.
0340	520.1018 Apron Endwalls for Culvert Pipe 18-Inch	2.000 EACH	_____.	_____.
0342	521.1503 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 4 to 1	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 Project(s): 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0344	521.3112 Culvert Pipe Corrugated Steel 12-Inch	122.000 LF	_____.	_____.
0346	521.3118 Culvert Pipe Corrugated Steel 18-Inch	130.000 LF	_____.	_____.
0348	522.2424 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	88.000 LF	_____.	_____.
0350	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	2.000 EACH	_____.	_____.
0352	606.0100 Riprap Light	16.000 CY	_____.	_____.
0354	611.0530 Manhole Covers Type J	2.000 EACH	_____.	_____.
0356	611.2004 Manholes 4-FT Diameter	2.000 EACH	_____.	_____.
0358	612.0206 Pipe Underdrain Unperforated 6-Inch	20.000 LF	_____.	_____.
0360	628.1104 Erosion Bales	20.000 EACH	_____.	_____.
0362	645.0130 Geotextile Type R	35.000 SY	_____.	_____.
0364	SPV.0060 Special 02. Baseline CPM Progress Schedule	1.000 EACH	_____.	_____.
0366	SPV.0060 Special 03. Monthly CPM Progress Schedule Updates	1.000 EACH	_____.	_____.
0368	SPV.0105 Special 06. Survey Project 2818-03-73	LS	LUMP SUM	_____.
0370	SPV.0105 Special 07. Survey Project 3723-01-70	LS	LUMP SUM	_____.
0372	SPV.0105 Special 08. Survey Project 3765-04-70	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20180313025 **Project(s):** 2818-00-73, 3723-01-70, 3765-04-70

Federal ID(s): WISC 2018203, WISC 2018205, WISC 2018204

Section: 0001

Total: _____.

Total Bid: _____.

