



Wisconsin Department of Transportation

Division of Transportation Systems Development

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

February 22, 2017

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NOTICE TO ALL CONTRACTORS:

Proposal #02: 1007-10-86, WISC 2017 091
Illinois State Line – Madison
CTH N Interchange
IH 39
Dane County

1007-11-81, WISC 2017 092
Illinois State Line – Madison
CTH N Interchange Area
IH 39
Dane County

Letting of March 14, 2017

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

Special Provisions:

Added Special Provisions	
Article No.	Description
85	Optimized Aggregate Gradation and Concrete Mixtures
86	Installing Temporary Lighting System

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
455.0605	Tack Coat	Gal	7,546	146	7,692
460.6223	HMA Pavement 3 MT 58-28 S	Ton	5,914	409	6,323
460.6224	HMA Pavement 4 MT 58-28 S	Ton	4,645	327	4,972
652.0225	Conduit Rigid Nonmetallic Schedule 40 2-inch	LF	9,159	-353	8,806
654.0106	Concrete Bases Type 6	Each	47	-2	45
655.0610	Electrical Wire Lighting 12 AWG	LF	8,886	-330	8,556
655.0625	Electrical Wire Lighting 6 AWG	LF	11,238	-393	10,845
655.0630	Electrical Wire Lighting 4 AWG	LF	19,128	-786	18,342
657.0255	Transformer Bases Breakaway 11 ½-inch Bolt Circle	Each	52	-6	46
657.0327	Poles Type 6-Aluminum	Each	47	-2	45
657.0715	Luminaire Arms Truss Type 4 ½-inch Clamp 15-ft	Each	50	-2	48
659.1120	Luminaires Utility LED B	Each	50	-2	48
SPV.0060.351	Pull Boxes Non-conductive 24x42-inch	Each	22	-2	20

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
405.0100	Coloring Concrete WisDOT Red	CY	0	579	579
SPV.0105.350	Installing Temporary Lighting System	LS	0	1	1

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
1007-10-86	
92	Plan Detail Infiltration Area Grading, Southeast (revised grading limits)
156	Signing (removed two proposed lighting units)
157	Signing (removed two proposed lighting units)
176	Lighting (removed two proposed lighting units)
245	Traffic Control Stage 1 (removed two proposed lighting units)
256	Traffic Control Stage 2A (removed two proposed lighting units)
265	Traffic Control Stage 2B (removed two proposed lighting units)
270	Traffic Control Stage 2C (temporary lighting note added)
271	Traffic Control Stage 2C(temporary lighting note added)
273	Traffic Control Stage 2C (removed two proposed lighting units)
274	Traffic Control Stage 2C (temporary lighting added)
278	Traffic Control Stage 2D(temporary lighting note added)
279	Traffic Control Stage 2D(temporary lighting note added)
281	Traffic Control Stage 2D (removed two proposed lighting units & added temp lights)
282	Traffic Control Stage 2D (temporary lighting added)
289	Traffic Control Stage 2E (removed two proposed lighting units)
303	Traffic Control Detour (revised two signs)
328	Miscellaneous Quantities (revised earthwork summary)
329	Miscellaneous Quantities (revised concrete pavement items schedule)
330	Miscellaneous Quantities (revised asphalt items schedule)
331	Miscellaneous Quantities (revised asphalt items schedule)
352	Miscellaneous Quantities (revised lighting item schedules)
353	Miscellaneous Quantities (revised lighting item schedules)
628	Structure Plan R-13-312 (revised to include wall painting)
629	Structure Plan R-13-312 (revised to include wall painting)
677-698	Earthwork Data (revised data)
1007-11-81	
33-34	Plan Details (revised proposed fencing location)
182	Plan and Profile (revised proposed fencing location)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
1007-10-86	
698A	Earthwork Data (added sheet for drainage ditch DDW)
939A-939F	Cross Sections (added sheets for drainage ditch DDW)

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
1007-10-86/1007-10-81
February 22, 2017

Special Provisions

85. Optimized Aggregate Gradation and Concrete Mixtures

Description

This special provision describes optimized aggregate gradation, optional optimized mixture designs, and associated additional requirements for class 1 concrete used in concrete pavements. Conform to standard specification part 7 and as follows:

Optimized Aggregate Gradation

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

Proportions for each aggregate fraction conforming to Table 1.

Individual gradations for each aggregate fraction.

Composite gradation of the combined aggregates including working ranges on each sieve in accordance with Table 2.

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

TABLE 1 TARANTULA CURVE GRADATION BAND

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

^[1] Minimum of 15% retained on the sum of the #8, #16, and #30 sieves.

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

TABLE 2 JMF WORKING RANGE

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

^[1] Working range limits of composite gradation based on moving average of 4 tests.

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

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

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

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

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

TABLE 3 ALLOWABLE JMF ADJUSTMENTS

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

Dispute Resolution

The department will resolve disputes as specified in standard spec 106.3.4.3.5 using QV split samples.

Sublot and Lot Size

A sublot consists of up to 1,500 cubic yards. A lot consists of two sublots.

Optimized Concrete Mixtures

The contractor may use a reduced cementitious content for concrete pavement placed if the contractor does the following:

1. Use an optimized aggregate gradation as defined in this special provision.
2. Conform to the additional testing requirements for flexural strength as specified in the contract special provisions.
3. Submit aggregate gradation result records no more than 2 years old when developing the mix design.
4. Determine the volume of voids in the optimized aggregates using ASTM C29.
5. Download and follow the instructions tab of the Optimized Gradation and Mix Design Spreadsheet located at:
<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/qmp/default.aspx>
6. Design an appropriate paste content based upon the Performance-based PCC Mix Design Guide located at:
<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/qmp/default.aspx>
7. Provide a minimum V_{paste}/V_{voids} of 1.25. (Paste/Void ratio equals the volume of paste divided by the volume of voids.)
8. Evaluate workability of trial batches by following section 6.8 of AASHTO Draft Performance Engineered Concrete Pavement Mixtures Specifications located at:
<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/qmp/default.aspx>
9. Submit trial batch workability results when submitting the mix design.
10. Submit the CP Tech center computer spreadsheet concrete mix design to the engineer for review at least 3 business days before producing concrete.
11. Provide a minimum cement content of 520 pounds per cubic yard, except if using type I, II, or III cement in a mix where the geologic composition of the coarse aggregate is primarily igneous or metamorphic materials, provide a minimum cement content of 660 pounds per cubic yard.
12. The contractor may use class C fly ash or grade 100 or 120 slag as a partial replacement for cement. For binary mixes use up to 30% fly ash or slag. For ternary mixes use up to 30% fly ash plus slag in combination. Replacement values are in percent by weight of the total cementitious material in the mix.
13. See CMM 8-70.2.2.3 for additional guidance.

86. Installing Temporary Lighting System SPV.0105.350.

A Description

This special provision describes the installation and removal of a temporary lighting system. Lighting system shall be provided complete with all circuitry, controls, luminaires, arms, poles, terminations, trenching, directional boring and conduit sealing required for an operational, temporary lighting system for the duration of the project and as hereinafter provided.

B Materials

Provide all necessary materials required to install a complete and operational temporary lighting system consisting of any combination of the following new or existing lighting equipment: wood poles, metal poles, direct buried metal or fiberglass poles, luminaires, luminaire arms, pole accessories,

screw-in or concrete pole bases, overhead or underground conductors, conduit, guy wires, pull boxes, controls, circuit breakers, enclosures, metering, and all necessary equipment and connections.

Temporary HPS luminaires shall be a minimum of 250W HPS. Temporary LED luminaires shall have equivalent delivered output to those identified on the current WisDOT Qualified Products List as LED Type B. The use of project specified LED cobrahead luminaires will be allowed if all luminaires are in their final specified locations along the roadway that is designated to provide temporary lighting.

Temporary lighting circuitry shall consist of temporary underground or overhead, or permanent underground conductors as proposed for the final project, and be in compliance with the current NEC.

C Construction

The electric utility will be conducting a major renovation of their overhead distribution system. Coordinate with utility for construction schedule, potential locations for a temporary service, and clearance requirements from their overhead distribution lines. Portions of CTH N and the I-39 ramps will be open to traffic during construction operations. Construct the temporary lighting system to illuminate the traffic conflict areas as shown in the Temporary Lighting Plan, or as directed by the Department project engineer.

Temporary lighting circuitry shall be new circuitry and may be routed underground or overhead or a combination of both. Provide all labor and materials needed to properly hang and support conductors from poles if circuitry is installed overhead. Provide all labor and material to trench or bore conductors underground or in conduit. Provide conduit or u-guard to protect conductors externally mounted to poles to a point 10' above ground.

The temporary lighting units at the locations identified in the Plan shall remain operational every night to the satisfaction of the Department project engineer for the duration of the project as long as the roadway affected by the temporary lighting is in use. Overnight outages are not allowed.

After the permanent lighting system has been installed, energized, and approved for each roundabout; remove completely all temporary equipment and circuitry used for the temporary lighting.

D Measurement

The department will measure Installing Temporary Lighting Systems in accordance with the contract and accepted, as an installed, operational, and completely removed unit.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.350	Installing Temporary Lighting System	LS

Payment is full compensation for furnishing, installing, and removing all materials, including, poles, arms, luminaires, lamps, fusing, overhead or underground wiring, excavation, backfill and compaction, pole bases, pole accessories, hardware and fittings; and for all labor, tools, equipment, incidentals, necessary to complete the contract work.

Schedule of Items

Attached, dated February 22, 2017, are the revised Schedule of Items Pages 4, 20, 21, 23, and 25.

Plan Sheets

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

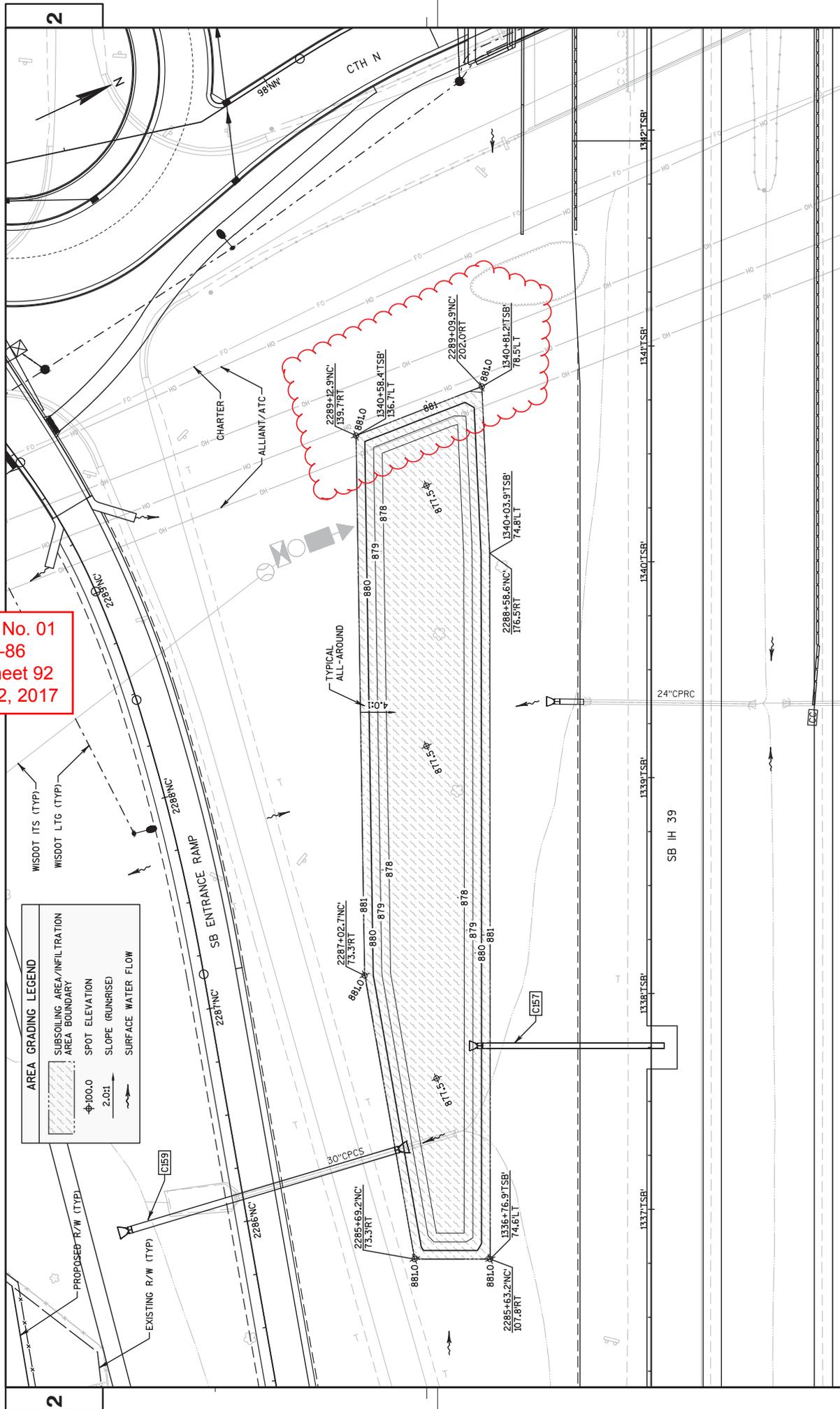
Revised (1007-10-86): 92, 156, 157, 176, 245, 256, 265, 270, 271, 273, 274, 278, 279, 281, 282, 289, 303, 328, 329, 331, 352, 353 and 677-698.

Revised (1007-11-81): 33, 34, and 182.

Added (1007-10-86): 698A and 939A-939F.

END OF ADDENDUM

Addendum No. 01
 ID 1007-10-86
 Revised Sheet 92
 February 22, 2017



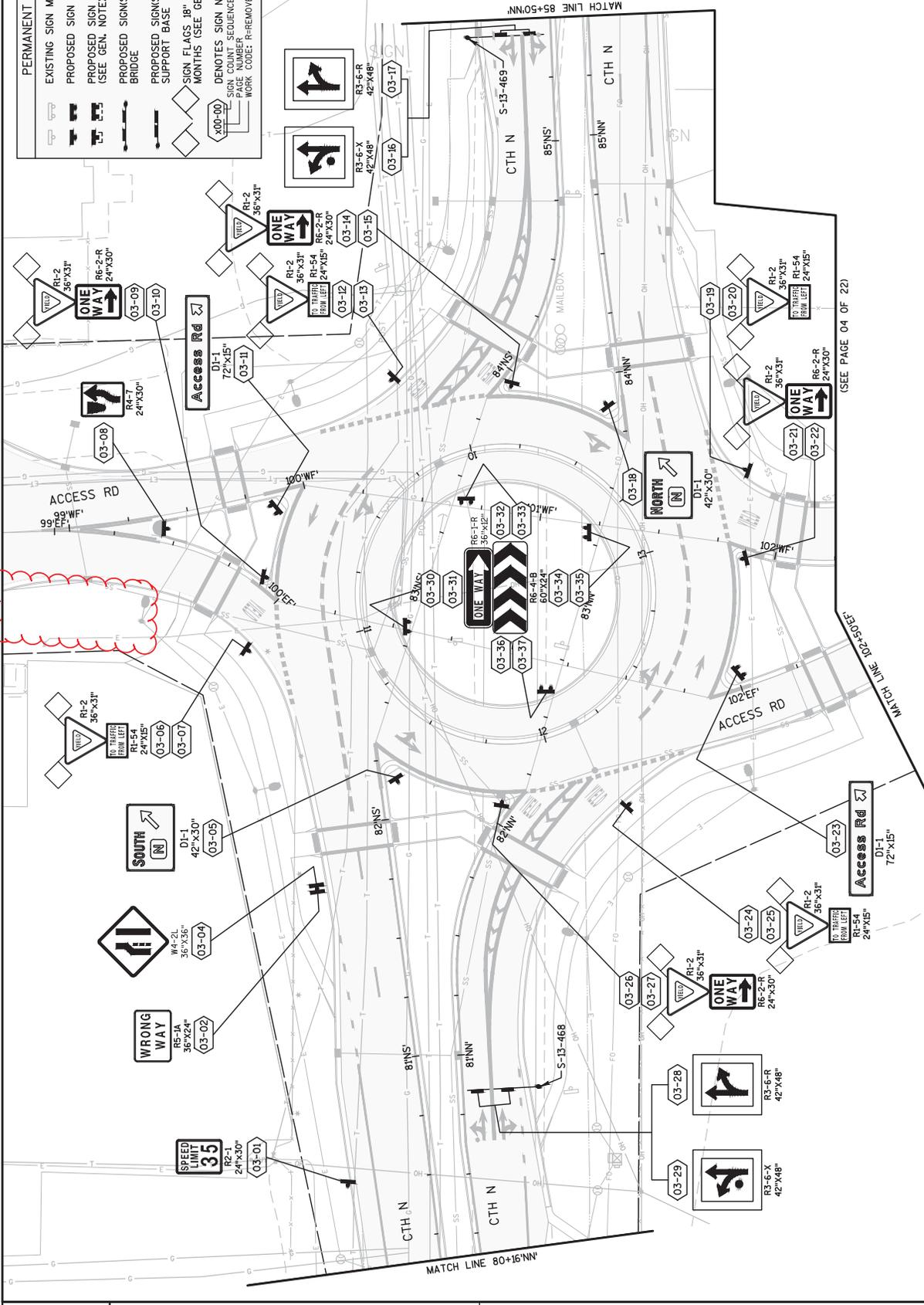
AREA GRADING LEGEND

	SUBSOLING AREA/INFILTRATION AREA BOUNDARY
ϕ -100.0	SPOT ELEVATION
2.0:1	SLOPE (R/RISE)
	SURFACE WATER FLOW

PERMANENT SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE POST(S) (SEE GEN. NOTE)
- PROPOSED SIGN(S) MOUNTED ON FULL SPAN SIGN BRIDGE
- PROPOSED SIGN(S) MOUNTED ON CANTILEVER SIGN SUPPORT BASE
- SIGN FLAGS 18" X 18", ORANGE FLAGS FOR 6 MONTHS (SEE GEN. NOTE)
- X00-00 DENOTES SIGN NUMBER
- PAGE NUMBER
- WORK CODE: R-REMOVE, W-WORK BY OTHERS, M-MOVE

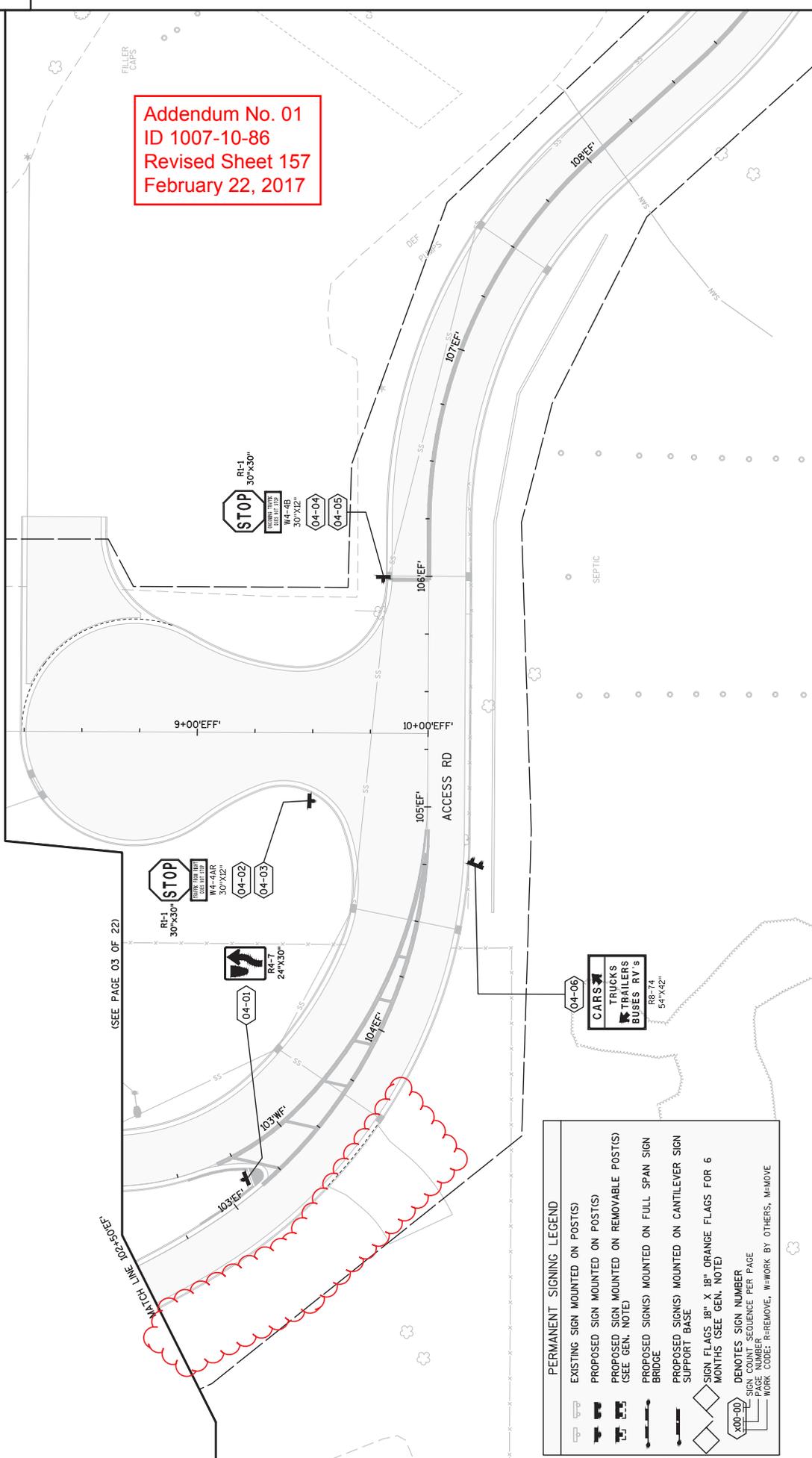
Addendum No. 01
 ID 1007-10-86
 Revised Sheet 156
 February 22, 2017





(SEE PAGE 05 OF 22)

Addendum No. 01
ID 1007-10-86
Revised Sheet 157
February 22, 2017



(SEE PAGE 03 OF 22)

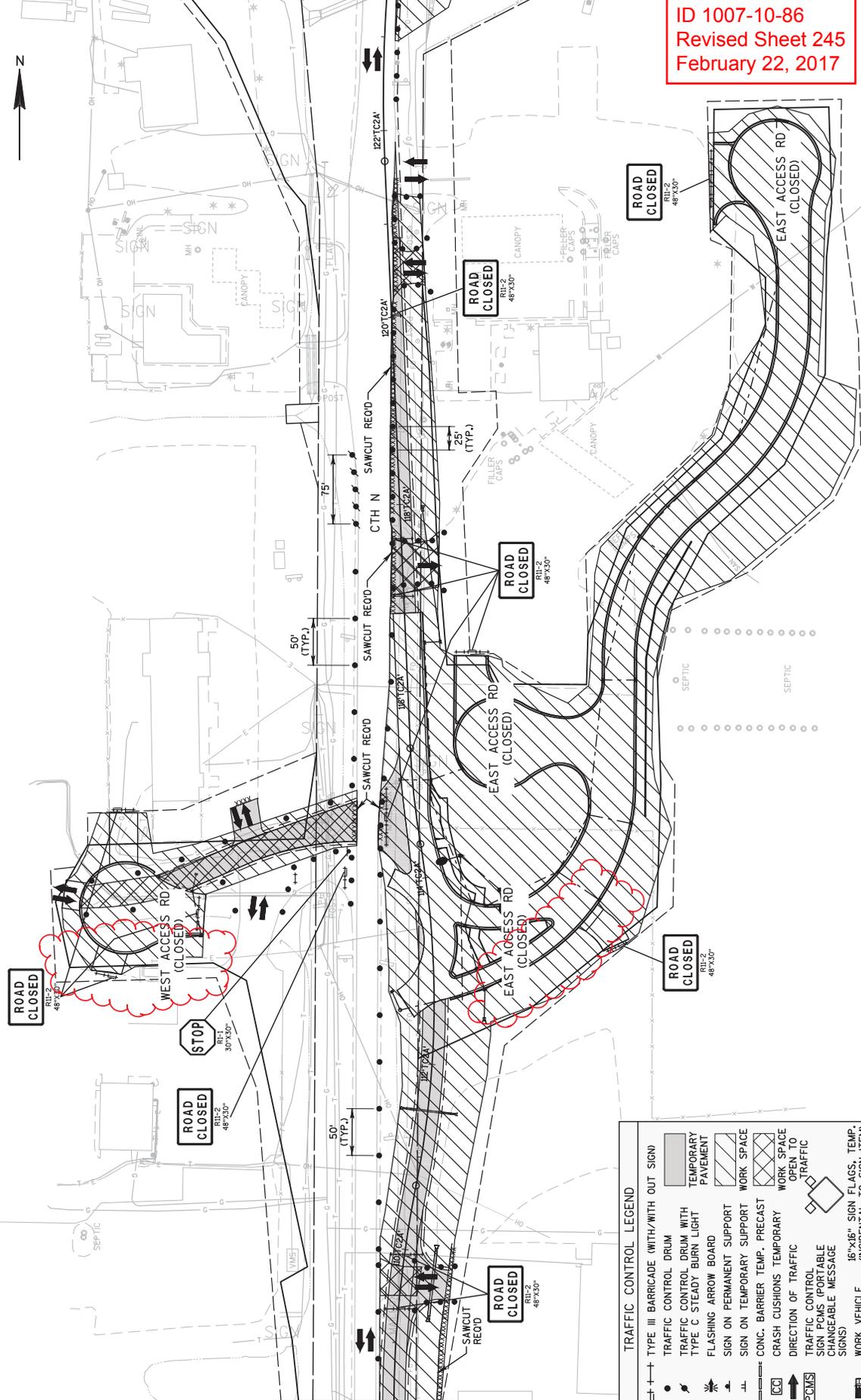
MATCH LINE 106450EFF'

PERMANENT SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE POST(S) (SEE GEN. NOTE)
- PROPOSED SIGN(S) MOUNTED ON FULL SPAN SIGN BRIDGE
- PROPOSED SIGN(S) MOUNTED ON CANTILEVER SIGN SUPPORT BASE
- SIGN FLAGS 18" X 18" ORANGE FLAGS FOR 6 MONTHS (SEE GEN. NOTE)
- DENOTES SIGN NUMBER
- SIGN COUNT SEQUENCE PER PAGE
- SAGE NUMBER
- WORK CODE: R-REMOVE, W-WORK BY OTHERS, M-MOVE

MATCH LINE STA 93+20.00'

MATCH LINE STA 78+00.00'



Addendum No. 01
 ID 1007-10-86
 Revised Sheet 245
 February 22, 2017

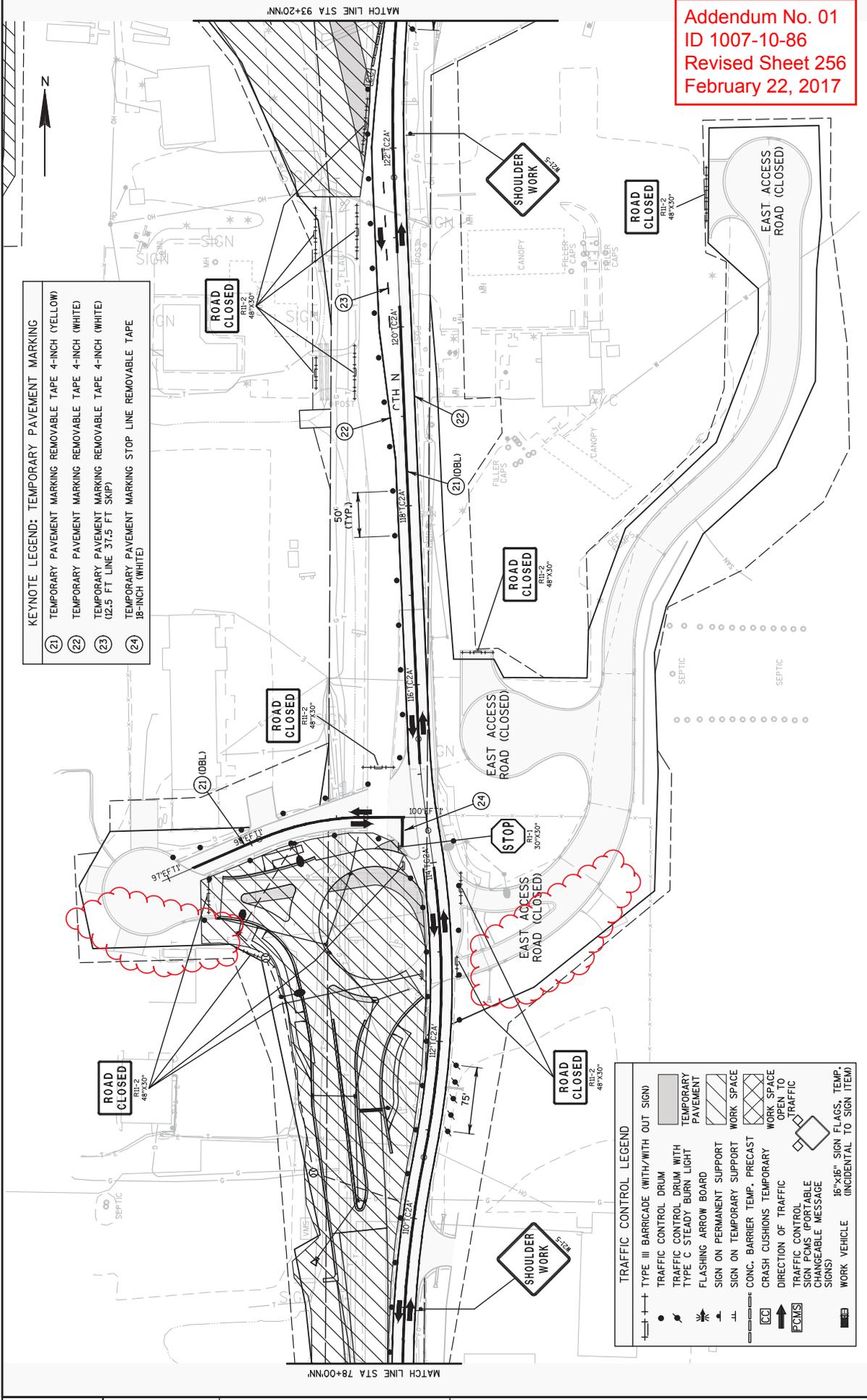
TRAFFIC CONTROL LEGEND

+	TYPE III BARRICADE (WITH/ WITHOUT SIGN)		TRAFFIC CONTROL DRUM
•	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT		TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
▨	FLASHING ARROW BOARD		FLASHING ARROW BOARD
▧	SIGN ON PERMANENT SUPPORT		SIGN ON PERMANENT SUPPORT
▩	SIGN ON TEMPORARY SUPPORT		SIGN ON TEMPORARY SUPPORT
▬	CONC. BARRIER TEMP. PRECAST		CONC. BARRIER TEMP. PRECAST
▭	CRASH CUSHIONS TEMPORARY		CRASH CUSHIONS TEMPORARY
▮	DIRECTION OF TRAFFIC		DIRECTION OF TRAFFIC
◀	TRAFFIC CONTROL SIGN POMS (PORTABLE CHANGEABLE MESSAGE SIGNS)		TRAFFIC CONTROL SIGN POMS (PORTABLE CHANGEABLE MESSAGE SIGNS)
▣	WORK VEHICLE (INCIDENTAL TO SIGN ITEM)		WORK VEHICLE (INCIDENTAL TO SIGN ITEM)

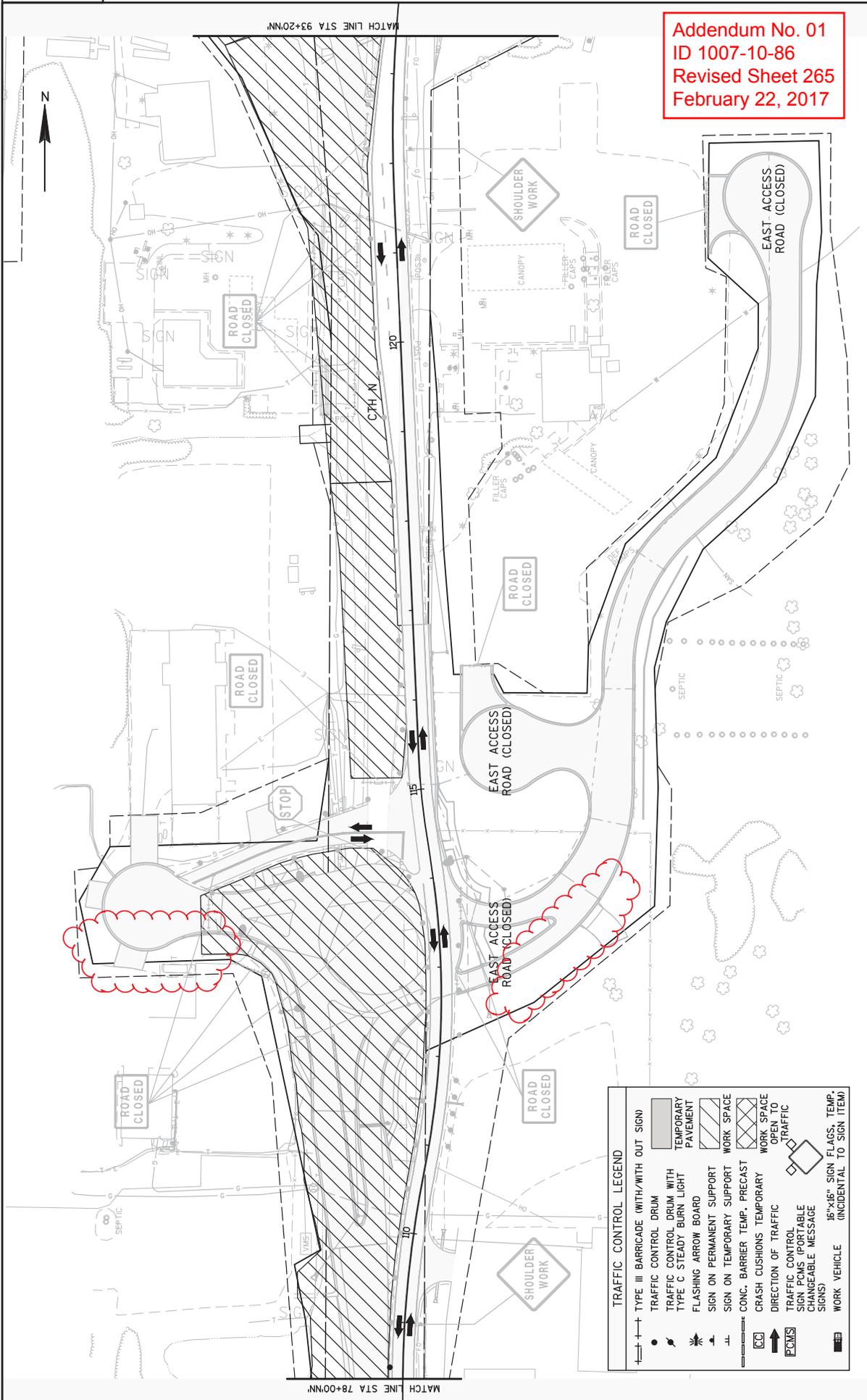
SAVE FOLDER PATH: \\V:\DANE\119189\CIVIL\30\10071001\SHETS\PLAN\10071086\SEC 02 TYPICAL SECTIONS AND DETAILS\TRAFFIC CONTROL

- KEYNOTE LEGEND: TEMPORARY PAVEMENT MARKING**
- (21) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
 - (22) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
 - (23) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE) (2.5 FT LINE 37.5 FT SKIP)
 - (24) TEMPORARY PAVEMENT MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

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Revised Sheet 256
February 22, 2017



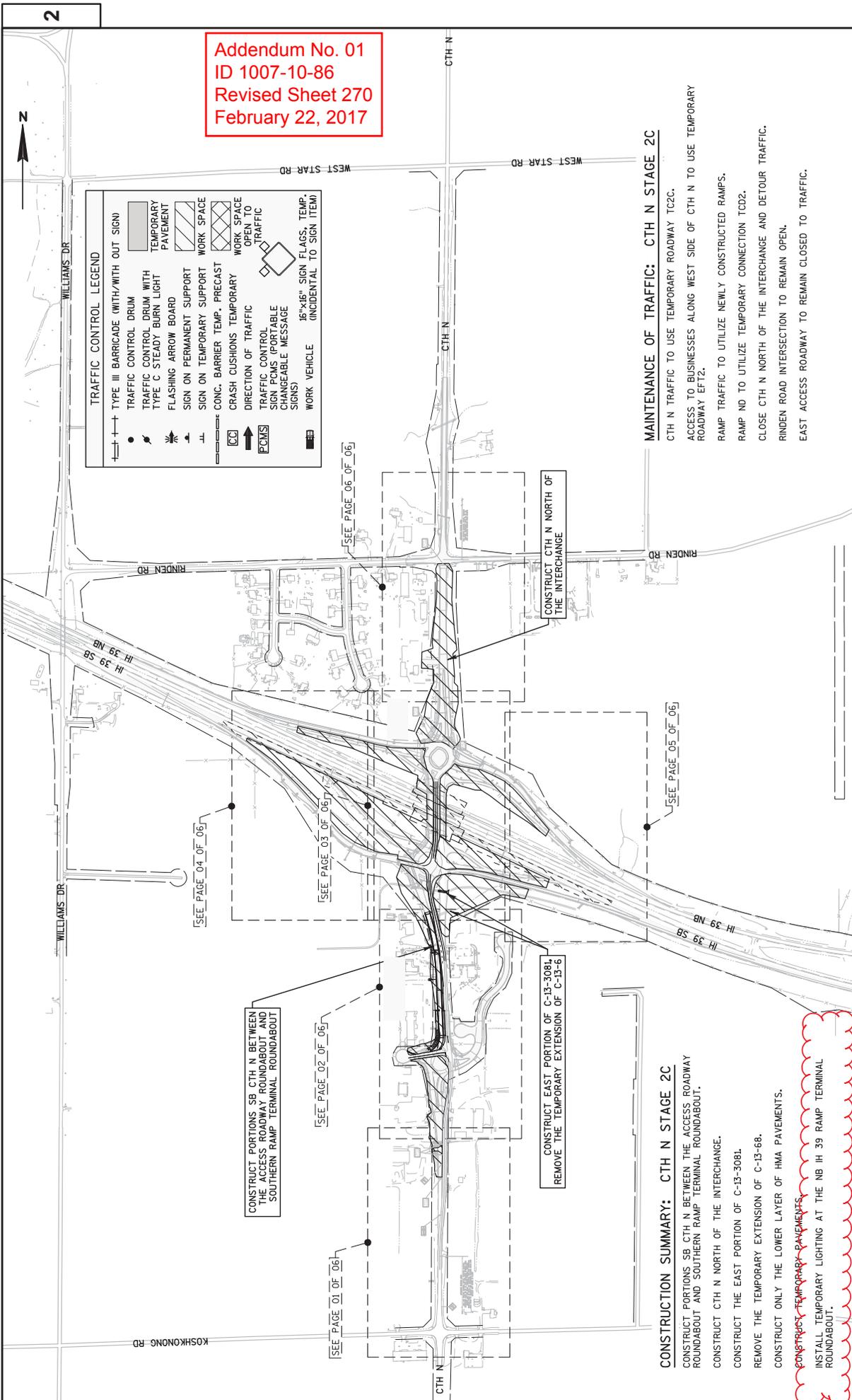
- TRAFFIC CONTROL LEGEND**
- TYPE III BARRICADE (WITH/WITH OUT SIGN)
 - TRAFFIC CONTROL DRUM
 - ☀️ TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
 - ⚡️ FLASHING ARROW BOARD
 - ⬆️ SIGN ON PERMANENT SUPPORT
 - ⬆️ SIGN ON TEMPORARY SUPPORT
 - ▭ CONC. BARRIER TEMP. PRECAST
 - ▭ CRASH CUSHIONS TEMPORARY
 - ➡️ DIRECTION OF TRAFFIC
 - ⬆️ TRAFFIC CONTROL SIGN FLAG (TEMPORARY CHANGABLE MESSAGE SIGNS)
 - 🚚 WORK VEHICLE (INCIDENTAL TO SIGN ITEM)
 - ▭ TEMPORARY PAVEMENT
 - ▭ WORK SPACE
 - ▭ WORK SPACE OPEN TO TRAFFIC
 - ⬆️ 16"x16" SIGN FLAGS, TEMP. (INCIDENTAL TO SIGN ITEM)



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 ID 1007-10-86
 Revised Sheet 265
 February 22, 2017

TRAFFIC CONTROL LEGEND

TYPE III BARRICADE (WITH/WITH OUT SIGN)	TRAFFIC CONTROL DRUM	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURST LIGHT	FLASHING ARROW BOARD	SIGN ON PERMANENT SUPPORT	SIGN ON TEMPORARY SUPPORT	CONC. BARRIER TEMP. PRECAST	CRASH CUSHIONS TEMPORARY	DIRECTION OF TRAFFIC	TRAFFIC CONTROL SIGN PCMS (PORTABLE CHANGEABLE MESSAGE SIGNS)	18"x16" SIGN FLAGS, TEMP. (INCIDENTAL TO SIGN ITEM)
TEMPORARY PAVEMENT	WORK SPACE	WORK SPACE OPEN TO TRAFFIC								WORK VEHICLE (INCIDENTAL TO SIGN ITEM)



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 ID 1007-10-86
 Revised Sheet 270
 February 22, 2017

TRAFFIC CONTROL LEGEND

[Symbol]	TYPE III BARRICADE (WITH/WITH OUT SIGN)
[Symbol]	TRAFFIC CONTROL DRUM
[Symbol]	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
[Symbol]	FLASHING ARROW BOARD
[Symbol]	SIGN ON PERMANENT SUPPORT
[Symbol]	SIGN ON TEMPORARY SUPPORT
[Symbol]	CONC. BARRIER TEMP. PRECAST
[Symbol]	CRASH CUSHIONS TEMPORARY
[Symbol]	DIRECTION OF TRAFFIC
[Symbol]	TRAFFIC CONTROL SIGN PCMS (PORTABLE CHANGEABLE MESSAGE SIGNS)
[Symbol]	WORK VEHICLE
[Symbol]	16"x46" SIGN FLACS. TEMP. (INCIDENTAL TO SIGN ITEM)
[Symbol]	WORK SPACE OPEN TO TRAFFIC

MAINTENANCE OF TRAFFIC: CTH N STAGE 2C
 CTH N TRAFFIC TO USE TEMPORARY ROADWAY TC2C.
 ACCESS TO BUSINESSES ALONG WEST SIDE OF CTH N TO USE TEMPORARY ROADWAY EFT2.
 RAMP TRAFFIC TO UTILIZE NEWLY CONSTRUCTED RAMPS.
 RAMP ND TO UTILIZE TEMPORARY CONNECTION TC02.
 CLOSE CTH N NORTH OF THE INTERCHANGE AND DETOUR TRAFFIC.
 RINDEN ROAD INTERSECTION TO REMAIN OPEN.
 EAST ACCESS ROADWAY TO REMAIN CLOSED TO TRAFFIC.

CONSTRUCTION SUMMARY: CTH N STAGE 2C
 CONSTRUCT PORTIONS SB CTH N BETWEEN THE ACCESS ROADWAY ROUNDABOUT AND SOUTHERN RAMP TERMINAL ROUNDABOUT.
 CONSTRUCT CTH N NORTH OF THE INTERCHANGE.
 CONSTRUCT THE EAST PORTION OF C-13-3081.
 REMOVE THE TEMPORARY EXTENSION OF C-13-68.
 CONSTRUCT ONLY THE LOWER LAYER OF HMA PAVEMENTS.

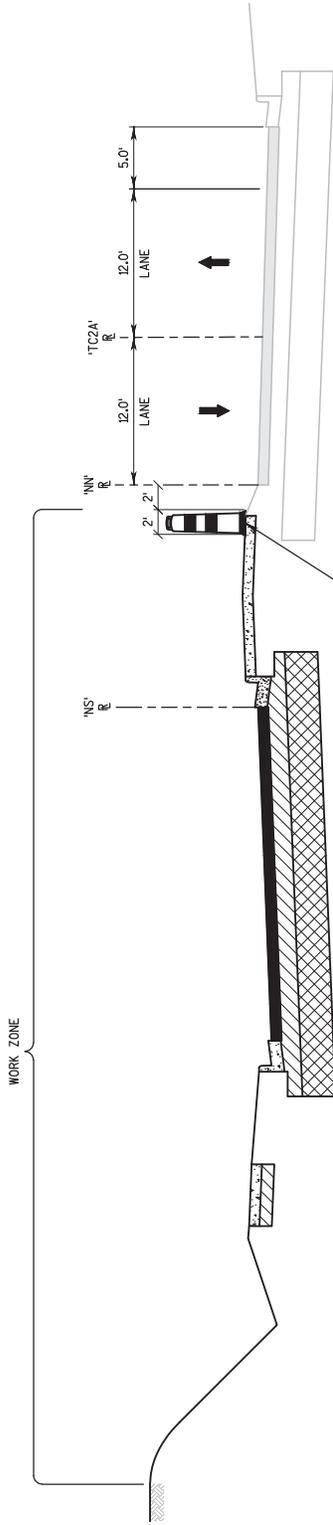
CONSTRUCT TEMPORARY PAVEMENTS.
 INSTALL TEMPORARY LIGHTING AT THE NB IH 39 RAMP TERMINAL ROUNDABOUT.

CONSTRUCT PORTIONS SB CTH N BETWEEN THE ACCESS ROADWAY ROUNDABOUT AND SOUTHERN RAMP TERMINAL ROUNDABOUT.

CONSTRUCT EAST PORTION OF C-13-3081. REMOVE THE TEMPORARY EXTENSION OF C-13-6

PROJECT NO: 1007-10-86
 COUNTY: DANE
 HWY: IH 39
 PLAN: TRAFFIC CONTROL - CTH N STAGE 2C OVERVIEW PAGE 00 OF 06
 SHEET 270
 E
 FILE NAME : 025001-TC-STG 2C OV (CTH N - STG 2C OVERVIEW).DWG
 PLOT DATE : 2/21/2017 12:05 PM
 PLOT BY : SEH
 LAYOUT NAME : 025000-TC (CTH N STG 2C OV)
 PLOT SCALE : 1 IN=600 FT
 WSDOT/CADD SHEET 42

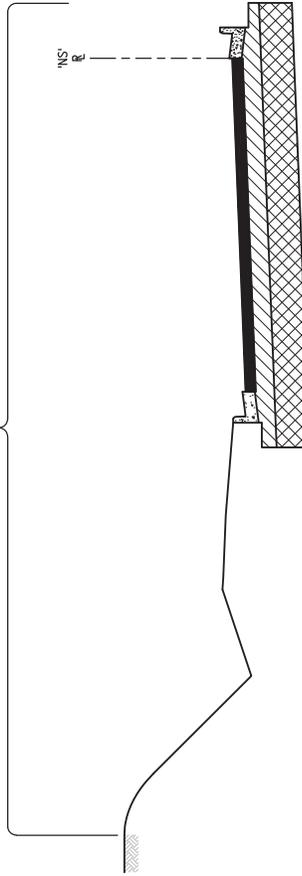
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Revised Sheet 271
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TYPICAL FINISHED SECTION - TRAFFIC CONTROL
STAGE 2C

CTH N
STA 83+85 'NS' TO 86+57 'NS', LT

WORK ZONE



TYPICAL FINISHED SECTION - TRAFFIC CONTROL
STAGE 2C

CTH N
STA 86+57 'NS' TO 83+46 'NS'

STAGE 2C CONSTRUCTION SUMMARY

- CONSTRUCT PORTIONS SB CTH N BETWEEN THE ACCESS ROADWAY ROUNDABOUT AND SOUTHERN RAMP TERMINAL ROUNDABOUT.
- CONSTRUCT CTH N NORTH OF THE INTERCHANGE.
- CONSTRUCT THE EAST PORTION OF C-13-3081.
- REMOVE THE TEMPORARY EXTENSION OF C-13-68.
- CONSTRUCT ONLY THE LOWER LAYER OF HMA PAVEMENTS.
- CONSTRUCT TEMPORARY PAVEMENTS.
- INSTALL TEMPORARY LIGHTING AT THE NB IH 39 RAMP TERMINAL ROUNDABOUT.
- MAINTENANCE OF TRAFFIC
- CTH N TRAFFIC TO USE TEMPORARY ROADWAY TC2C.
- ACCESS TO BUSINESSES ALONG WEST SIDE OF CTH N TO USE TEMPORARY ROADWAY EFTZ.
- RAMP TRAFFIC TO UTILIZE NEWLY CONSTRUCTED RAMPS.
- RAMP ND TO UTILIZE TEMPORARY CONNECTION TC02.
- CLOSE CTH N NORTH OF THE INTERCHANGE AND DETOUR TRAFFIC.
- BINDEN ROAD INTERSECTION TO REMAIN OPEN.
- EAST ACCESS ROADWAY TO REMAIN CLOSED TO TRAFFIC.

MAINTENANCE OF TRAFFIC

- CTH N TRAFFIC TO USE TEMPORARY ROADWAY TC2C.
- ACCESS TO BUSINESSES ALONG WEST SIDE OF CTH N TO USE TEMPORARY ROADWAY EFTZ.
- RAMP TRAFFIC TO UTILIZE NEWLY CONSTRUCTED RAMPS.
- RAMP ND TO UTILIZE TEMPORARY CONNECTION TC02.
- CLOSE CTH N NORTH OF THE INTERCHANGE AND DETOUR TRAFFIC.
- BINDEN ROAD INTERSECTION TO REMAIN OPEN.
- EAST ACCESS ROADWAY TO REMAIN CLOSED TO TRAFFIC.

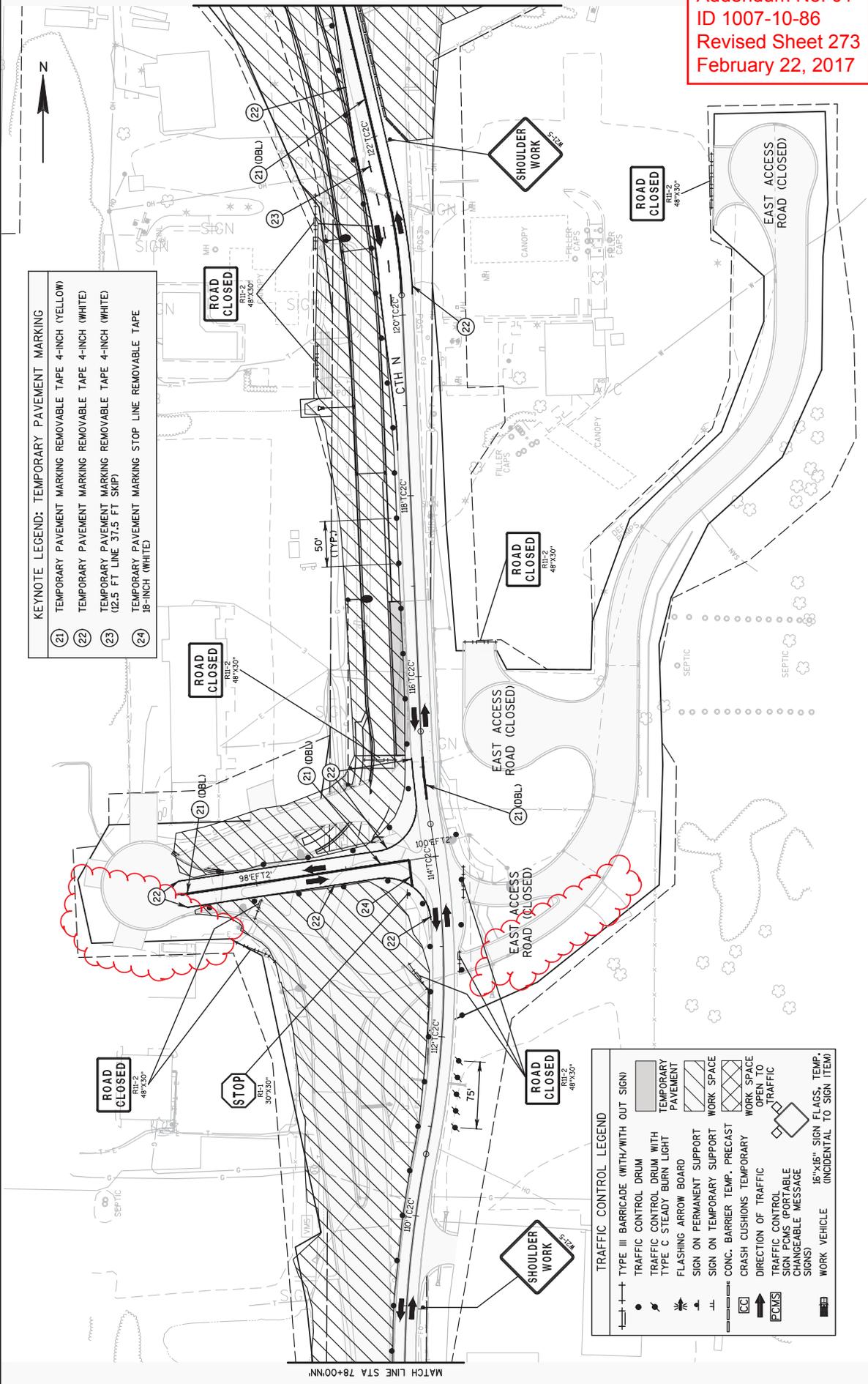
KEYNOTE LEGEND: TYPICAL SECTIONS

- TC03 2-INCH TOP LAYER HMA PAVEMENT 4 MT 58-28 S
- TC02 2.5-INCH BOTTOM LAYER HMA PAVEMENT 3 MT 58-28 S
- AG01 4.5-INCH BASE AGGREGATE DENSE 3/4-INCH
- AG02 12-INCH BASE AGGREGATE DENSE 1 1/4-INCH
- TC03 TRAFFIC CONTROL DRUM, TYPICAL SPACING 50'

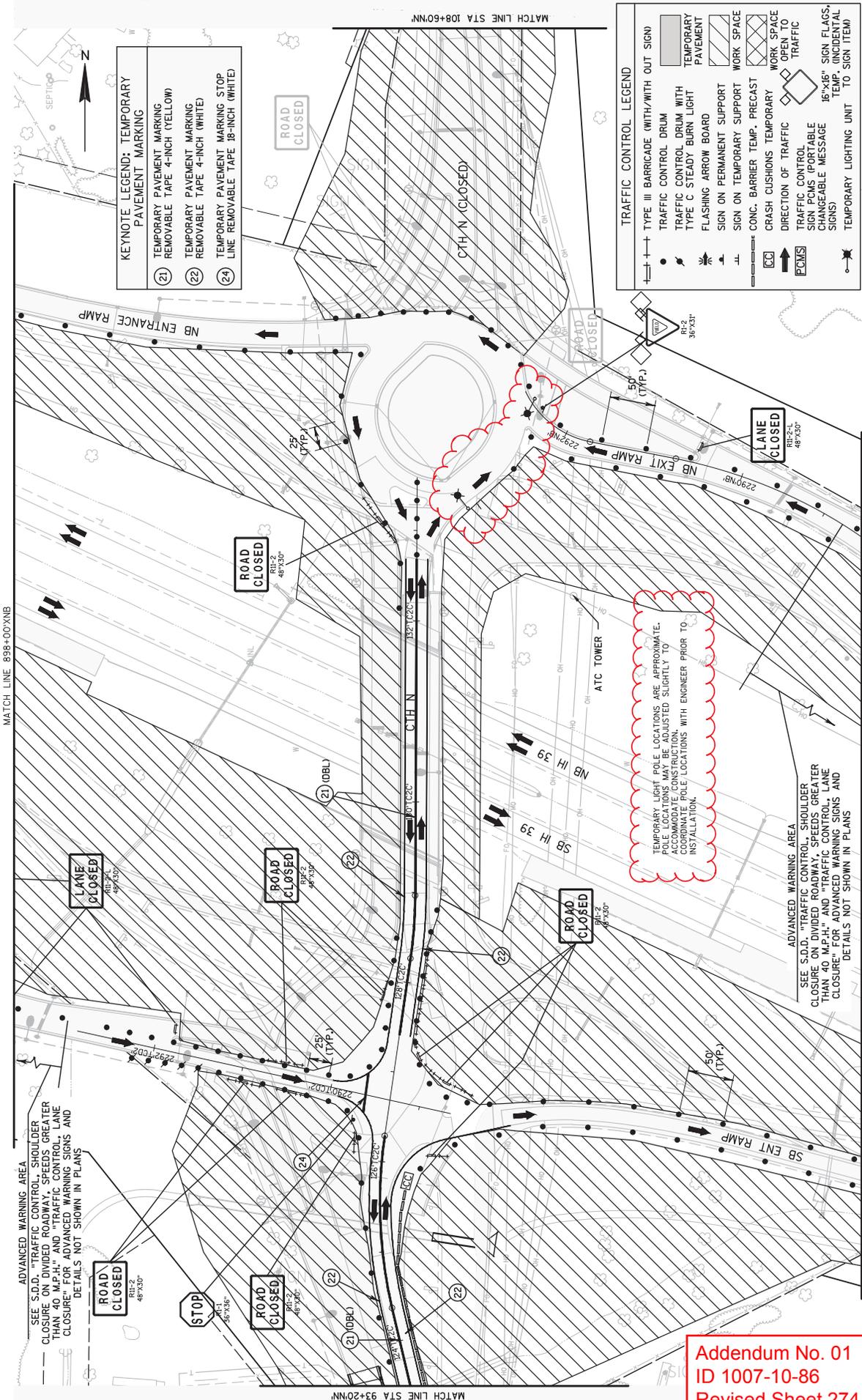
PROJECT NO: 1007-10-86	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROL - TYPICAL SECTIONS, CTH N, STAGE 2C	SHEET 271
FILE NAME : 025301-TC-TS (TRAF CNTRL TYP SEC CTH N).DWG		PLOT DATE : 2/26/2017 12:00 PM		PLOT BY : SEH INC
PLOT NAME : 1007-10-86		LAYOUT NAME : STG 2C (L)		PLOT SCALE : 1 IN:10 FT
WISDOT/CADD SHEET 42				

Addendum No. 01
 ID 1007-10-86
 Revised Sheet 273
 February 22, 2017

- KEYNOTE LEGEND: TEMPORARY PAVEMENT MARKING**
- (21) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
 - (22) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
 - (23) TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE) (2.5 FT LINE 31.5 FT SNIP)
 - (24) TEMPORARY PAVEMENT MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)



- TRAFFIC CONTROL LEGEND**
- TYPE III BARRICADE (WITH/WITH OUT SIGN)
 - TRAFFIC CONTROL DRUM
 - ☀️ TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
 - ⚡️ FLASHING ARROW BOARD
 - ⚡️ SIGN ON PERMANENT SUPPORT
 - ⚡️ SIGN ON TEMPORARY SUPPORT
 - ⚡️ CONC. BARRIER TEMP. PRECAST
 - ⚡️ CRASH CUSHIONS TEMPORARY
 - ⚡️ DIRECTION OF TRAFFIC
 - ⚡️ SIGN PCMS (PORTABLE CHANGEABLE MESSAGE SIGNS)
 - ⚡️ WORK VEHICLE (INCIDENTAL TO SIGN ITEM)



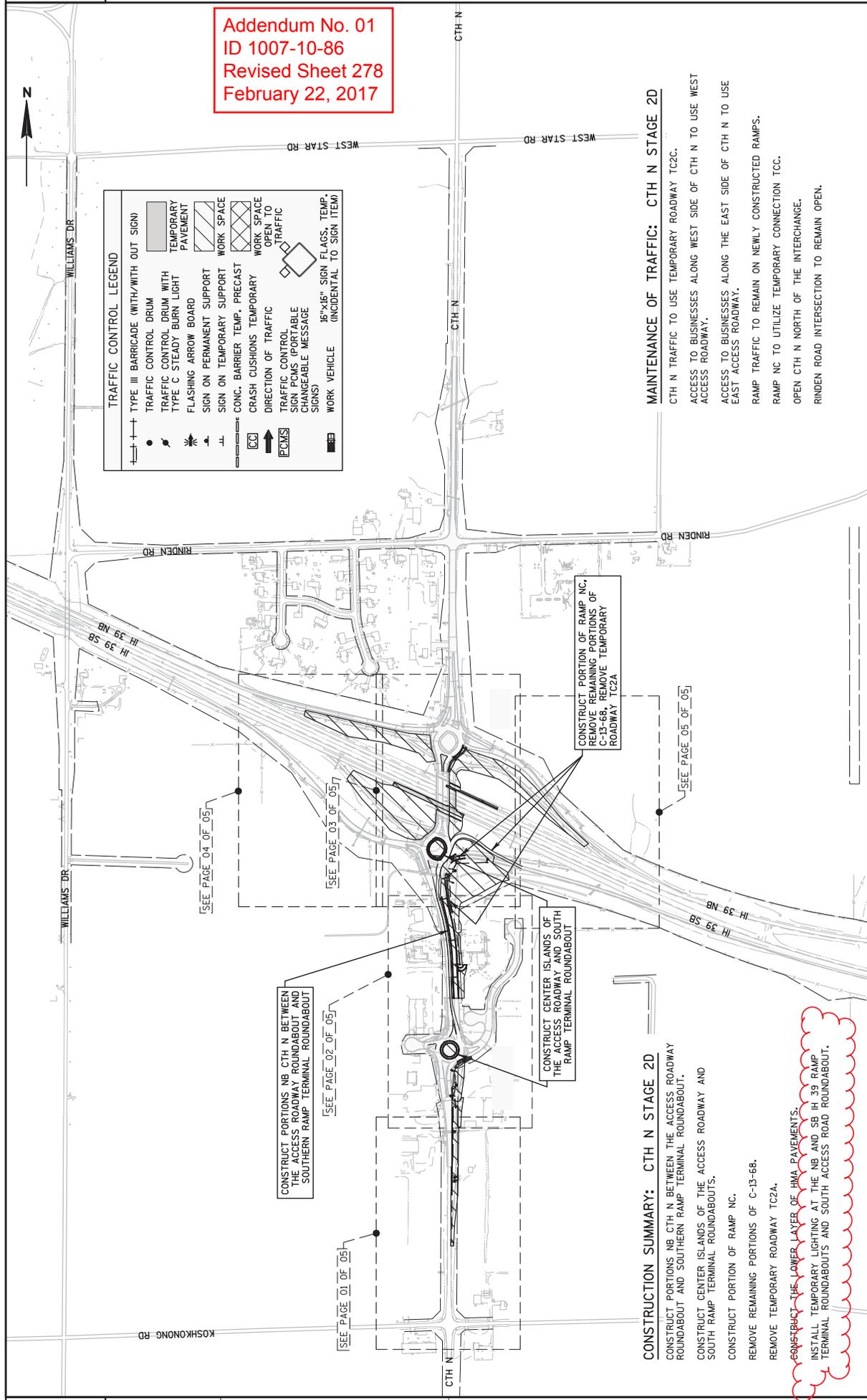
Addendum No. 01
ID 1007-10-86
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February 22, 2017



Addendum No. 01
ID 1007-10-86
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February 22, 2017

TRAFFIC CONTROL LEGEND

	TYPE III BARRICADE (WITH/WITH OUT SIGN)
	TRAFFIC CONTROL DRUM
	TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	CONG. BARRIER TEMP. PRECAST
	CRASH CUSHIONS TEMPORARY
	DIRECTION OF TRAFFIC
	TRAFFIC CONTROL SIGN PMS (PORTABLE CHANGEABLE MESSAGE SIGNS)
	WORK VEHICLE
	18"x24" SIGN (FLAGS, TEMP. INCIDENTAL TO SIGN ITEM)
	TEMPORARY PAVEMENT
	WORK SPACE
	WORK SPACE OPEN TO TRAFFIC

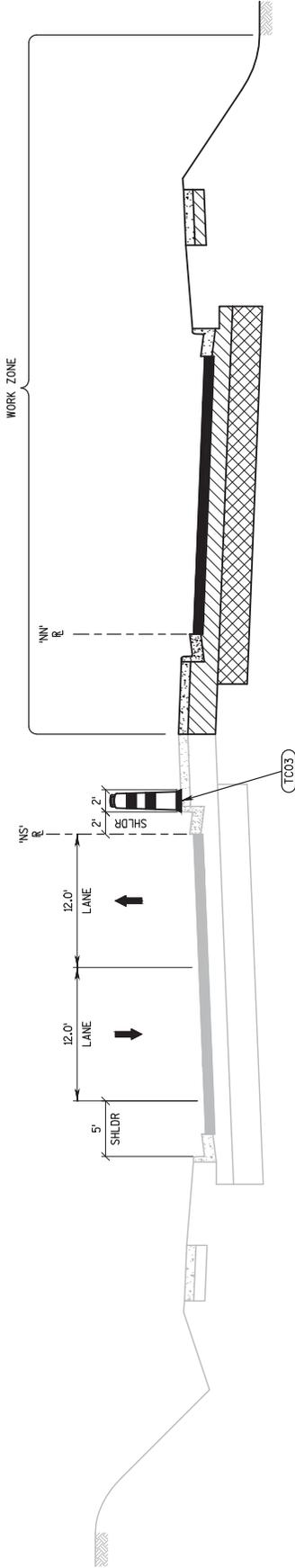


CONSTRUCTION SUMMARY: CTH N STAGE 2D
 CONSTRUCT PORTIONS NB CTH N BETWEEN THE ACCESS ROADWAY ROUNDABOUT AND SOUTHERN RAMP TERMINAL ROUNDABOUT.
 CONSTRUCT CENTER ISLANDS OF THE ACCESS ROADWAY AND SOUTH RAMP TERMINAL ROUNDABOUTS.
 CONSTRUCT PORTION OF RAMP NC.
 REMOVE REMAINING PORTIONS OF C-13-68.
 REMOVE TEMPORARY ROADWAY TC2A.

CONSTRUCT THE LOWER LAYER OF HMA PAVEMENTS.
 INSTALL TEMPORARY LIGHTING AT THE NB, SB, HI 39 RAMP TERMINAL ROUNDABOUTS AND SOUTH ACCESS ROAD ROUNDABOUT.

MAINTENANCE OF TRAFFIC: CTH N STAGE 2D
 CTH N TRAFFIC TO USE TEMPORARY ROADWAY TC2C.
 ACCESS TO BUSINESSES ALONG WEST SIDE OF CTH N TO USE WEST ACCESS ROADWAY.
 ACCESS TO BUSINESSES ALONG THE EAST SIDE OF CTH N TO USE EAST ACCESS ROADWAY.
 RAMP TRAFFIC TO REMAIN ON NEWLY CONSTRUCTED RAMPS.
 RAMP NC TO UTILIZE TEMPORARY CONNECTION TCC.
 OPEN CTH N NORTH OF THE INTERCHANGE.
 RINDEN ROAD INTERSECTION TO REMAIN OPEN.

PROJECT NO: 1007-10-86	HWY: IH 39	COUNTY: DANE	PLAN: TRAFFIC CONTROL - CTH N STAGE 2D OVERVIEW PAGE 00 OF 05	SHEET 278
FILE NAME : 025001.TC-STG 2D OV (CTH N - STG 2D OVERVIEW).DWG				
PLOT DATE : 2.21.2017 1:33 PM				
PLOT BY : SEH				
LAYOUT NAME : 025000.TC (CTH N STG 2D OV)				
PLOT SCALE : 1 IN=600 FT				
WSDOT/CADD SHEET 42				



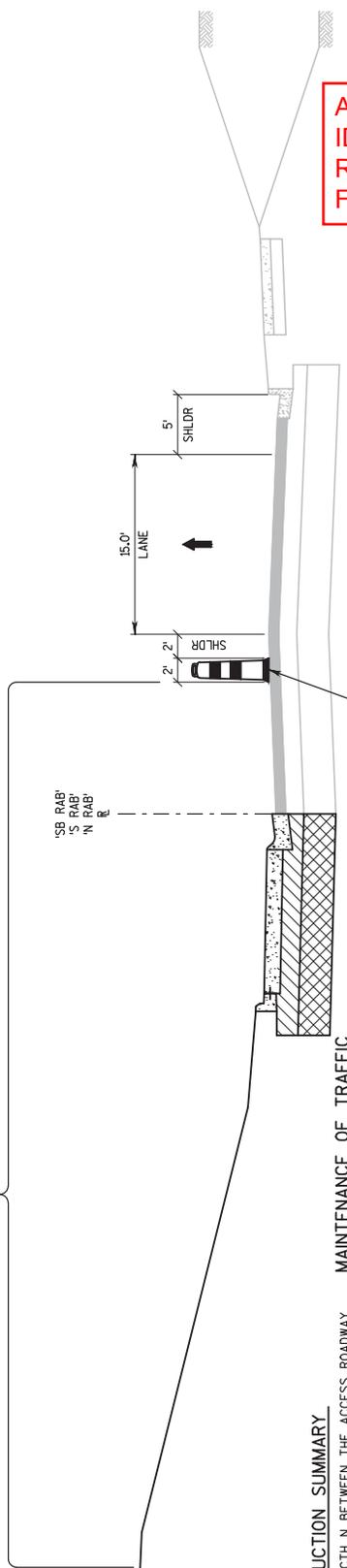
**TYPICAL FINISHED SECTION - TRAFFIC CONTROL
STAGE 2D**

CTH N
STA 86+57 'NN' TO 93+50 'NN', RT

KEYNOTE LEGEND: TYPICAL SECTIONS

TC03 TYPICAL DRUM SPACING 50'

WORK ZONE



**TYPICAL FINISHED HALF-SECTION - TRAFFIC CONTROL
STAGE 2D**

CTH N
STA 10+00 'SB RAB' TO STA 12+19 'SB RAB'
STA 13+56 'SB RAB' TO STA 13+96 'SB RAB'
STA 10+00 'S RAB' TO STA 14+45 'S RAB'

STAGE 2D CONSTRUCTION SUMMARY

- CONSTRUCT PORTIONS NB CTH N BETWEEN THE ACCESS ROADWAY ROUNDABOUT AND SOUTHERN RAMP TERMINAL ROUNDABOUT.
- CONSTRUCT CENTER ISLANDS OF THE ACCESS ROADWAY AND SOUTH RAMP TERMINAL ROUNDABOUTS.
- CONSTRUCT PORTION OF RAMP NC.
- REMOVE REMAINING PORTIONS OF C-13-68.
- REMOVE TEMPORARY ROADWAY TC2A.

- CONSTRUCT THE LOWER LAYER OF HMA PAVEMENTS.
- INSTALL TEMPORARY LIGHTING AT THE NB AND SB IH 39 RAMP TERMINAL ROUNDABOUTS AND SOUTH ACCESS ROAD ROUNDABOUT.

PROJECT NO: 1007-10-86

HWY: IH-39

COUNTY: DANE

LAYOUT NAME: STG 2D TLJ

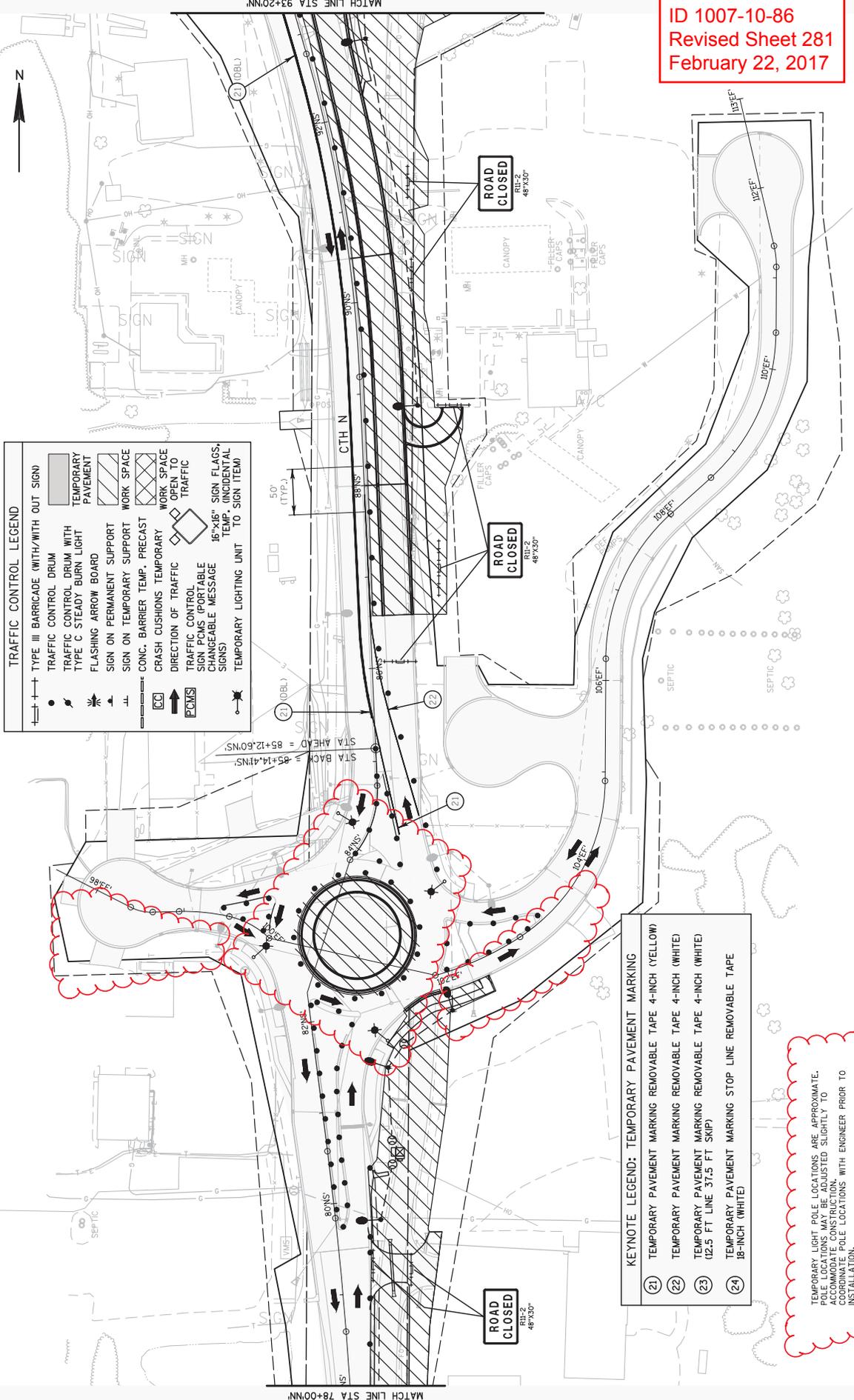
PLOT BY: SEH INC

TRAFFIC CONTROL - TYPICAL SECTIONS, CTH N, STAGE 2D

SHEET 279

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February 22, 2017

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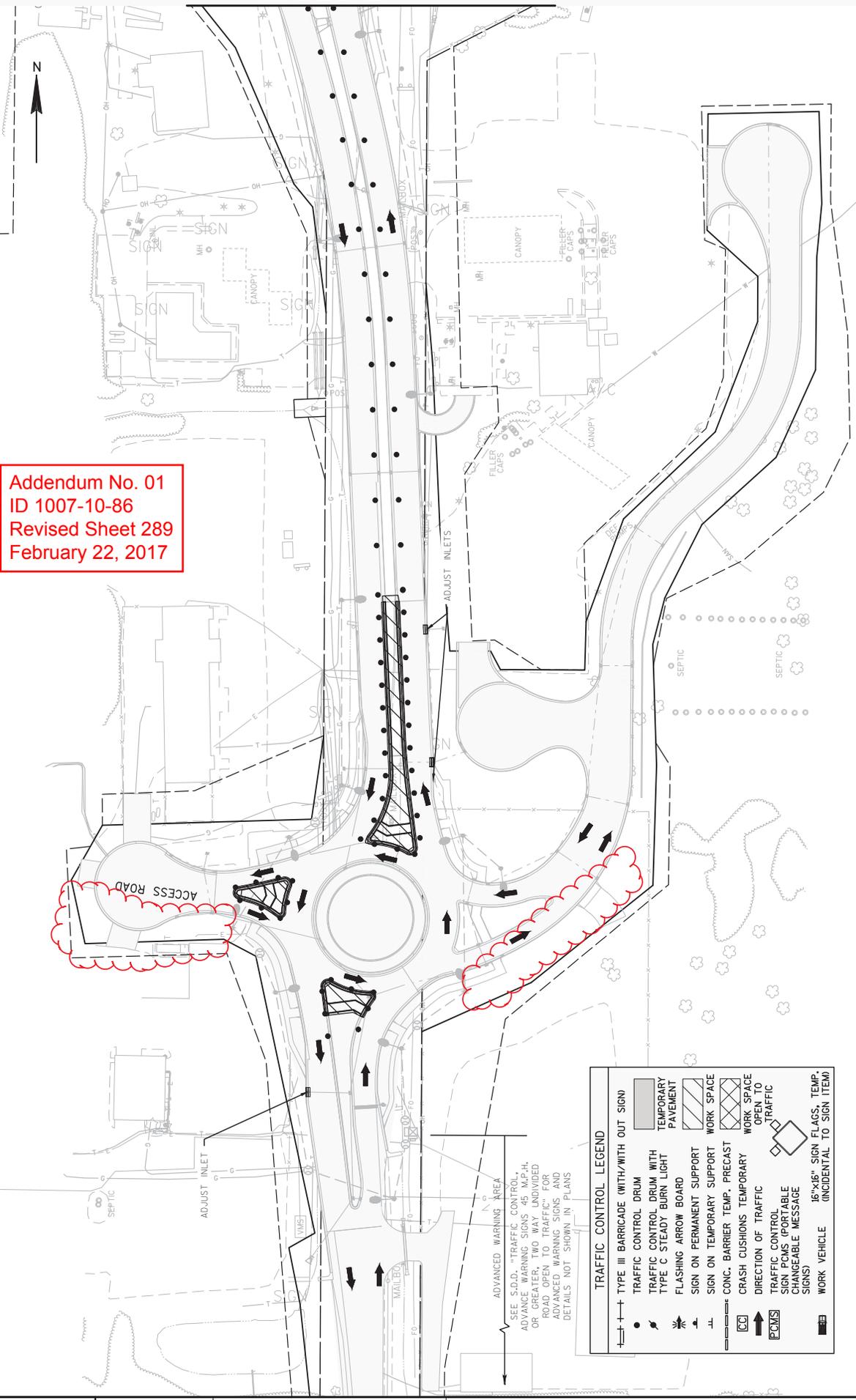
TRAFFIC CONTROL LEGEND

TYPE III BARRICADE (WITH/WITHOUT SIGN)	TRAFFIC CONTROL DRUM	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	FLASHING ARROW BOARD	SIGN ON TEMPORARY SUPPORT	CONC. BARRIER TEMP. PRECAST	CRASH CUSHIONS TEMPORARY	DIRECTION OF TRAFFIC	TRAFFIC CONTROL SIGN PCMS (PORTABLE CHANGEABLE MESSAGE SIGN)	16"x16" SIGN FLAGS, TEMP. (INCIDENTAL TO SIGN ITEM)	TRAFFIC CONTROL UNIT
TEMPORARY PAVEMENT	WORK SPACE	WORK SPACE TO TRAFFIC								

KEYNOTE LEGEND: TEMPORARY PAVEMENT MARKING

21	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
22	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
23	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE) (2.5 FT LINE 37.5 FT SKIP)
24	TEMPORARY PAVEMENT MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)

TEMPORARY LIGHT POLE LOCATIONS ARE APPROXIMATE. LOCATIONS SHOULD BE ADJUSTED SLIGHTLY TO ACCOMMODATE CONSTRUCTION. COORDINATE POLE LOCATIONS WITH ENGINEER PRIOR TO INSTALLATION.



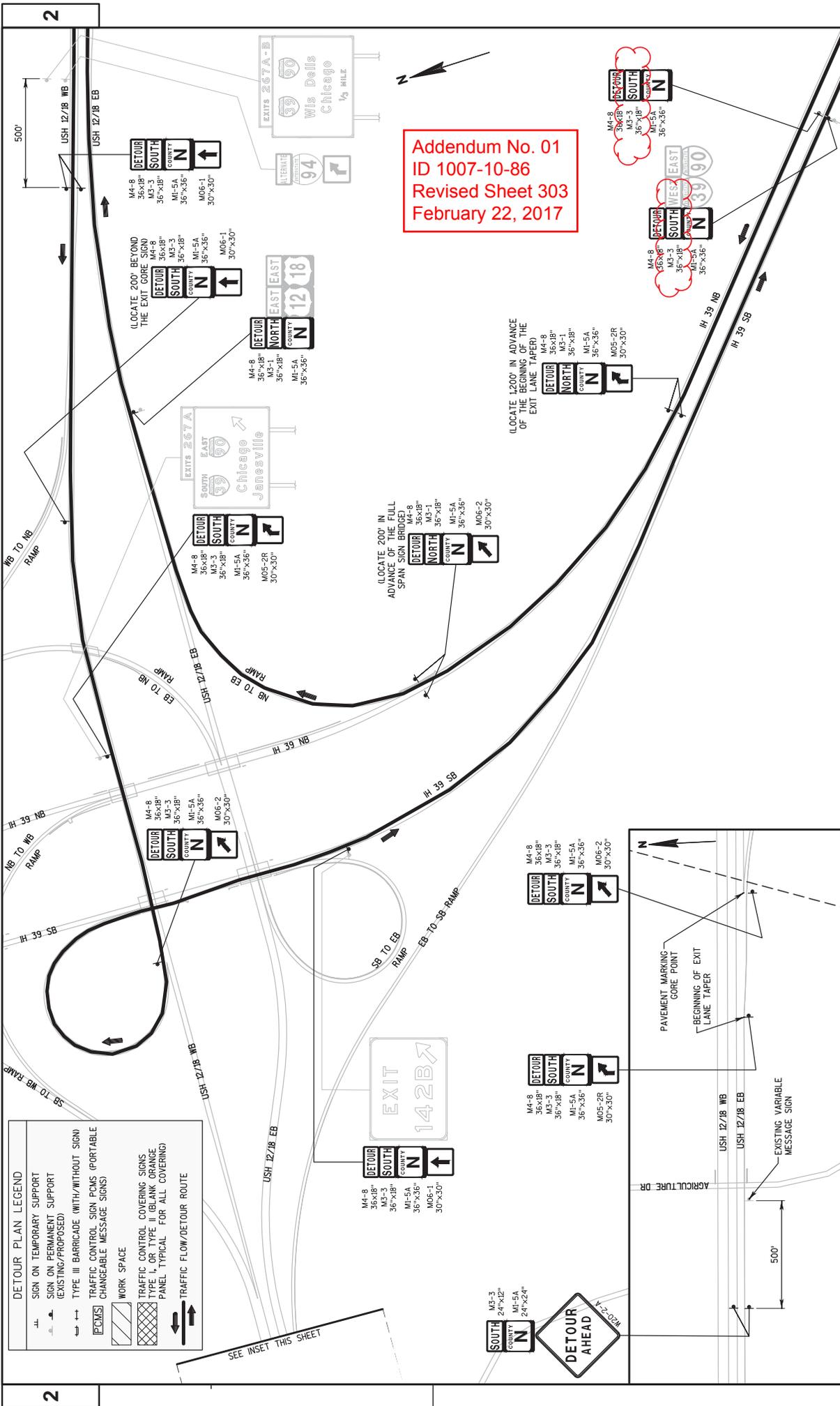
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 ID 1007-10-86
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 February 22, 2017

TRAFFIC CONTROL LEGEND

	TYPE III BARRICADE (WITH/WITH OUT SIGN)
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	WORK SPACE
	CONC. BARRIER TEMP. PRECAST CRASH CUSHIONS TEMPORARY
	DIRECTION OF TRAFFIC
	TRAFFIC CONTROL SIGN (CHANGEABLE MESSAGE SIGN)
	16"x16" SIGN FLAGS, TEMP. (INCIDENTAL TO SIGN ITEM)
	WORK VEHICLE

ADVANCED WARNING AREA
 SEE S.D.D. "TRAFFIC CONTROL"
 ADVANCE WARNING SIGNS 45 W.P.H.
 OR GREATER, TWO WAY UNDIVIDED
 ROAD OPEN TO TRAFFIC" FOR
 ADVANCED WARNING SIGNS AND
 DETAILS NOT SHOWN IN PLANS

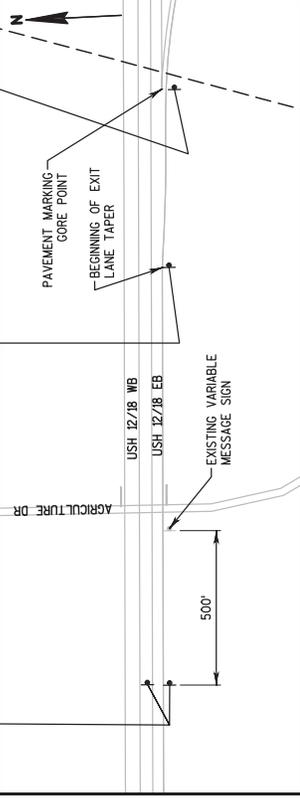
MATCH LINE STA 93+20.00



DETOUR PLAN LEGEND

—	SIGN ON TEMPORARY SUPPORT (EXISTING/PROPOSED)
—	SIGN ON PERMANENT SUPPORT (EXISTING/PROPOSED)
—	TYPE III BARRICADE (WITH/WITHOUT SIGN)
PCMS	TRAFFIC CONTROL SIGN POMS (PORTABLE CHANGEABLE MESSAGE SIGNS)
▨	WORK SPACE
▨	TRAFFIC CONTROL COVERING SIGNS TYPE I, OR TYPE II (BLANK ORANGE PANEL TYPICAL FOR ALL COVERING)
↔	TRAFFIC FLOW/DETOUR ROUTE

SEE INSET THIS SHEET



SAVE FOLDER PATH: P:\V\VDANE\119199\CIVIL_3D\10071001\SHETS\PLAN\10071086\SEC 02 TYPICAL SECTIONS AND DETAILS\TRAFFIC CONTROL

Addendum No. 01
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EARTHWORK SUMMARY

STAGE	ROADWAY	LOCATION	CUT (2) CY	EXCAVATION (3) CY	ROCK EXCAVATION CY	205.0200 CY	205.0400 CY	208.1100 CY	SELECT BORROW (6) CY	FILL CY	SPV.0035.001 ROADWAY EMBANKMENT CY	MASS ORDINATE +/- (8) CY	COMMENTS
1A	IH 39	NB IH 39 OUTSIDE SHOULDER	2705							0	0	2705	
	IH 39	SB IH 39 OUTSIDE SHOULDER	400							0	0	400	
1B	IH 39	NB IH 39 MEDIAN	2819							135	135	2684	
	IH 39	SB IH 39 MEDIAN	22802	4000		3040		4000		12626	12626	10176	
1	CTH N	TEMPORARY CTH N TC2A	6346							1504	1504	4642	
	ACCESS	TEMPORARY ACCESS EFT1	920							10	10	910	
	RAMP	TEMPORARY RAMP TC A	183							5346	5346	-5153	
	RAMP	TEMPORARY RAMP TC B	243							3868	3868	-3625	
	RAMP	TEMPORARY RAMP TC C	283							6367	6367	-8114	
	RAMP	TEMPORARY RAMP TC D	199							15078	15078	-14879	
	CTH N	NB CTH N - NN	4049							21	21	4028	
	ACCESS RD	WEST ACCESS RD	1744							176	176	1568	
	ACCESS RD	EAST ACCESS RD	716							14	14	702	
	ACCESS RD	EAST ACCESS RD CUL DE SAC EFF	24594							14	14	24580	
2A	CTH N	NB CTH N - NN	25489			10446				9122	9122	20347	
		SB CTH N - NS	2706			5462				27015	27015	-5869	
		SB CTH N - NS	789							90	90	679	
		RINDEN ROAD	6159							21	21	6178	
		S-RAB	966							18684	18684	-17716	
		S-RAB	1978							3818	3818	-1840	
		S-RAB	959							0	0	959	
		DRAINAGE DITCH DDW								0	0	0	
		INTERIM RAMP NAT	1551							437	437	1114	
		INTERIM RAMP NBT	505							1005	1005	-500	
		INTERIM RAMP NCT	1738							16051	16051	-14313	
		INTERIM RAMP NDT	13							4784	4784	-4781	
		WEST ACCESS RD	383							2	2	391	
	RAMP NA	NB ENTRANCE RAMP	10719			4352				697	697	9722	
	RAMP NB	NB EXT RAMP	14344							31263	31263	-16919	
	RAMP NC	SB ENTRANCE RAMP	13066							17942	17942	-4876	
	RAMP ND	SB EXT RAMP	527				51071	13000		85036	85036	-84459	
2B	CTH N	NB CTH N - NN	1400							730	730	670	
		SB CTH N - NS	2850							1000	1000	1650	
		SW INFILTRATION POND	70416							13658	13658	56758	
		SE INFILTRATION POND	7700							0	0	7700	
	IH 39	SB IH 39 OUTSIDE SHOULDER	5863							2937	2937	2726	
2C	CTH N	SB CTH N - NS	4333							6072	6072	-1739	
2D	CTH N	NB CTH N - NN	5022							1334	1334	3688	
	IH 39	NB IH 39 OUTSIDE SHOULDER	3839							4220	4220	-381	
	IH 39	SB IH 39 OUTSIDE SHOULDER	1207							7	7	1200	
2E	CTH N	CTH N - MEDIANS	1000							0	0	1000	
		UNDISTRIBUTED				429				293384	293384	-15679	
		PROJECT TOTALS	277705	4000	23320	51500	51500	17000	17000	293384	331465	-15679	
			277705	281705	23320	51500	51500	17000	17000	293384	331465	-15679	

1) EXCAVATION COMMON = CUT + EBS EXCAVATION. ITEM NUMBER 205.0100.
2) CUT VOLUME INCLUDES CONCRETE AND ASPHALTIC SURFACE MATERIAL.
3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT BORROW UNLESS OTHERWISE NOTED IN THE PLANS.
4) EXCAVATION TO BE BACKFILLED WITH SELECT BORROW IN AREAS OF WATER AS STATED IN NOTE 6. AREAS OF MARSH EXCAVATION NOT REQUIRED TO BE FILLED WITH SELECT BORROW TO BE BACKFILLED WITH EMBANKMENT.
5) EXCAVATION TO BE BACKFILLED WITH SELECT BORROW UNLESS OTHERWISE NOTED IN THE PLANS.
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PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

PROJECT NUMBER	CATEGORY	STAGE	STATION	STATION	STA
1007-10-86	1000	1A/1B	883+00'NIB'	897+50'NIB'	30
STAGE SUBTOTALS					30
PROJECT TOTALS					30

GEOGRID

PROJECT NUMBER	CATEGORY	STAGE	STATION	STATION	TYPE SR
645.0220					SY
1007-10-86	1000	2A	2291+00'NIB'	2297+00'NIB'	17000
UNDISTRIBUTED					4000
STAGE SUBTOTALS					21000
PROJECT TOTALS					21000

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DRIVEWAY ITEMS

Table with columns: PROJECT NUMBER, CATEGORY, STAGE, STATION, LOCATION, REMARKS. Includes sub-totals for DRIVEWAY ITEMS and CONCRETE PAVEMENT ITEMS.

BASE AGGREGATE ITEMS

Table with columns: PROJECT NUMBER, CATEGORY, STAGE, STATION, LOCATION, REMARKS. Includes sub-totals for BASE AGGREGATE ITEMS and ASPHALTIC FILLS.

PROJECT: 1007-10-86
COUNTY: DANE
HWY: IH 39
MISCELLANEOUS QUANTITIES
PLOT BY: SEH INC
PLOT DATE: 12/14/2017 11:22 AM
LAYOUT NAME: 030203.MQ
PLOT SCALE: NTS
SHEET 329
E
WISDOT/CADDIS SHEET 42

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February 22, 2017

ASPHALTIC PAVEMENT ITEMS

PROJECT NUMBER	CATEGORY	STAGE	STATION	STATION	LOCATION	LAYER THICKNESS (IN)	455.0605 TACK COAT (TON)	460.5224 HMA PAVEMENT 4 IN 1.5% S 3 MATS (TON)	460.6223 HMA PAVEMENT 4 IN 1.5% S 4 MATS (TON)	460.7222 HMA PAVEMENT 4 IN 1.5% S 3 MATS (TON)	460.7223 HMA PAVEMENT 4 IN 1.5% S 4 MATS (TON)	460.7424 HMA COLD PATCH (TON)	450.4000 HMA WEARING SURFACE (TON)
1007-10-86	1000	1A/1B IH 39	883+00'NB'	- 897+50'NB'	NB IH 39 TEMP WIDENING	4.00	-	-	-	-	334	-	LOWER
			920+70'NB'	- 945+30'NB'	NB IH 39 TEMP WIDENING	2.00	75	-	-	-	-	167	UPPER
			920+70'NB'	- 945+30'NB'	NB IH 39 TEMP WIDENING	3.75	-	-	459	-	-	-	LOWER
			1339+00'TSB'	- 1352+00'TSB'	SB IH 39 TEMP WIDENING	2.25	109	-	-	3417	-	-	UPPER
			1339+00'TSB'	- 1352+00'TSB'	SB IH 39 TEMP WIDENING	3.75	-	-	-	-	-	2050	LOWER
			1339+00'TSB'	- 1352+00'TSB'	SB IH 39 TEMP WIDENING	2.25	814	-	-	-	-	-	UPPER
					STAGE SUBTOTALS		988	0	0	3876	334	2469	0
1007-10-86	1000	1 CTH N	95+08'TCB'	- 99+86'TCB'	NB TEMPORARY EXIT RAMP	2.50	-	132	-	-	-	-	LOWER
			95+09'TCB'	- 99+87'TCB'	NB TEMPORARY EXIT RAMP	2.00	47	-	108	-	-	-	UPPER
			100+24'TCA'	- 104+54'TCA'	NB TEMPORARY ENTRANCE RAMP	2.50	-	98	-	-	-	-	LOWER
			100+25'TCA'	- 104+55'TCA'	NB TEMPORARY ENTRANCE RAMP	2.00	35	-	79	-	-	-	UPPER
			100+44'TCD'	- 105+74'TCD'	SB TEMPORARY EXIT RAMP	2.50	-	117	-	-	-	-	LOWER
			100+45'TCD'	- 105+75'TCD'	SB TEMPORARY EXIT RAMP	2.00	42	-	94	-	-	-	UPPER
			94+94'TCC'	- 94+96'TCC'	SB TEMPORARY ENTRANCE RAMP	2.50	-	133	-	-	-	-	LOWER
			94+95'TCC'	- 94+97'TCC'	SB TEMPORARY ENTRANCE RAMP	2.00	46	-	106	-	-	-	UPPER
			100+00'TCN'	- 112+70'TCN'	CTH N TEMPORARY WIDENING	2.50	-	386	-	-	-	-	LOWER
			100+01'TCN'	- 112+71'TCN'	CTH N TEMPORARY WIDENING	2.00	141	-	317	-	-	-	UPPER
			116+84'TCN'	- 121+29'TCN'	CTH N TEMPORARY WIDENING	2.50	-	112	-	-	-	-	LOWER
			123+04'TCN'	- 128+55'TCN'	CTH N TEMPORARY WIDENING	2.00	40	-	89	-	-	-	UPPER
			123+05'TCN'	- 128+56'TCN'	CTH N TEMPORARY WIDENING	2.50	-	57	-	-	-	-	LOWER
			123+06'TCN'	- 128+57'TCN'	CTH N TEMPORARY WIDENING	2.00	20	-	45	-	-	-	UPPER
			97+16'TCE'	- 99+98'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+17'TCE'	- 99+99'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+18'TCE'	- 99+00'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+19'TCE'	- 99+01'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+20'TCE'	- 99+02'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+21'TCE'	- 99+03'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+22'TCE'	- 99+04'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+23'TCE'	- 99+05'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+24'TCE'	- 99+06'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+25'TCE'	- 99+07'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+26'TCE'	- 99+08'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+27'TCE'	- 99+09'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+28'TCE'	- 99+10'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+29'TCE'	- 99+11'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+30'TCE'	- 99+12'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+31'TCE'	- 99+13'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+32'TCE'	- 99+14'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+33'TCE'	- 99+15'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+34'TCE'	- 99+16'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+35'TCE'	- 99+17'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+36'TCE'	- 99+18'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+37'TCE'	- 99+19'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+38'TCE'	- 99+20'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+39'TCE'	- 99+21'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+40'TCE'	- 99+22'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+41'TCE'	- 99+23'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+42'TCE'	- 99+24'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+43'TCE'	- 99+25'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+44'TCE'	- 99+26'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+45'TCE'	- 99+27'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+46'TCE'	- 99+28'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+47'TCE'	- 99+29'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+48'TCE'	- 99+30'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+49'TCE'	- 99+31'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+50'TCE'	- 99+32'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+51'TCE'	- 99+33'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+52'TCE'	- 99+34'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+53'TCE'	- 99+35'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+54'TCE'	- 99+36'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+55'TCE'	- 99+37'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+56'TCE'	- 99+38'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+57'TCE'	- 99+39'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+58'TCE'	- 99+40'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+59'TCE'	- 99+41'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+60'TCE'	- 99+42'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+61'TCE'	- 99+43'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+62'TCE'	- 99+44'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+63'TCE'	- 99+45'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+64'TCE'	- 99+46'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+65'TCE'	- 99+47'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+66'TCE'	- 99+48'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+67'TCE'	- 99+49'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+68'TCE'	- 99+50'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+69'TCE'	- 99+51'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+70'TCE'	- 99+52'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+71'TCE'	- 99+53'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+72'TCE'	- 99+54'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+73'TCE'	- 99+55'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+74'TCE'	- 99+56'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+75'TCE'	- 99+57'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+76'TCE'	- 99+58'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+77'TCE'	- 99+59'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+78'TCE'	- 99+60'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+79'TCE'	- 99+61'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+80'TCE'	- 99+62'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+81'TCE'	- 99+63'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+82'TCE'	- 99+64'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+83'TCE'	- 99+65'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+84'TCE'	- 99+66'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+85'TCE'	- 99+67'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+86'TCE'	- 99+68'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+87'TCE'	- 99+69'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+88'TCE'	- 99+70'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+89'TCE'	- 99+71'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER
			97+90'TCE'	- 99+72'TCE'	BACKAGE RD TEMPORARY WIDENING	2.50	-	130	-	-	-	-	LOWER
			97+91'TCE'	- 99+73'TCE'	BACKAGE RD TEMPORARY WIDENING	2.00	46	-	104	-	-	-	UPPER

SUBSOLING

PROJECT NUMBER	CATEGORY	LOCATION	SPV,0105.150 SUBSOLING (ACRE)
1007-10-86	1000	SW QUADRANT SE QUADRANT	2.70 0.60
PROJECT TOTALS			3.30

TEMPORARY CULVERT EXTENSION

PROJECT NUMBER	CATEGORY	LOCATION	SPV,0105.700 (LS)
1007-10-86	1000		1
STAGE SUBTOTALS			1
PROJECT TOTALS			1

CONCRETE PAVEMENT JOINT LAYOUT

PROJECT NUMBER	CATEGORY	LOCATION	SPV,0105.003 (LS)
1007-10-86	1000		1
PROJECT TOTALS			1

BARRIER WALL DELINEATION

PROJECT NUMBER	CATEGORY	LOCATION	SPV,0060.200 (EACH)
1007-10-86	1000	UNDISTRIBUTED	50
PROJECT TOTALS			50

PULL BOX ITEMS

PROJECT NUMBER	CATEGORY	NO.	SPV,0060.351 PULL BOXES NON-CONDUCTIVE 24x42-INCH EACH
1007-10-86	1000	LPB-1	1
		LPB-2	1
		LPB-3	1
		LPB-4	1
		LPB-5	1
		LPB-6	1
		LPB-7	1
		LPB-8	1
		LPB-9	1
		LPB-10	1
		LPB-11	1
		LPB-12	1
		LPB-13	1
		LPB-14	1
		LPB-15	1
		LPB-16	1
		LPB-17	1
		LPB-18	1
		LPB-19	1
		LPB-20	1
		LPB-21	1
		LPB-22	1
PROJECT TOTALS			20

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LIGHTING UNIT ITEMS

PROJECT NUMBER	CATEGORY	NO.	LIGHTING UNIT	CONCRETE BASES TYPE 6 EACH	BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	POLES TYPE 6 EACH	657.0327 LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP EACH	657.0715 LUMINAIRE ARMS LED B EACH	659.1120 LUMINAIRE UTILITY EACH
1007-10-86	1000	A-1		1	1	1	1	1	1
		A-2		1	1	1	1	1	1
		A-3		1	1	1	1	1	1
		A-5		1	1	1	1	1	1
		A-6		1	1	1	1	1	1
		A-7		1	1	1	1	1	1
		A-8		1	1	1	1	1	1
		A-9		1	1	1	1	1	1
		A-11		1	1	1	1	1	1
		A-12		1	1	1	1	1	1
		L-13-0862-1		1	1	1	1	1	1
		L-13-0862-2		1	1	1	1	1	1
		L-13-0862-3		1	1	1	1	1	1
		L-13-0862-4		1	1	1	1	1	1
		L-13-0862-5		1	1	1	1	1	1
		L-13-0862-6		1	1	1	1	1	1
		L-13-0862-7		1	1	1	1	1	1
		L-13-0862-8		1	1	1	1	1	1
		L-13-0862-9		1	1	1	1	1	1
		L-13-0862-10		1	1	1	1	1	2
		L-13-0862-11		1	1	1	1	1	1
		L-13-0862-12		1	1	1	1	1	1
		L-13-0862-13		1	1	1	1	1	1
		L-13-0862-14		1	1	1	1	1	1
		L-13-0862-15		1	1	1	1	1	1
		L-13-0862-16		1	1	1	1	2	2
		L-13-0862-17		1	1	1	1	1	1
		L-13-0862-18		1	1	1	1	1	1
		L-13-0862-19		1	1	1	1	1	1
		L-13-0862-20		1	1	1	1	1	1
		L-13-0862-21		1	1	1	1	1	1
		L-13-0862-22		1	1	1	1	1	1
		L-13-0862-23		1	1	1	1	1	1
		L-13-0862-24		1	1	1	1	1	1
		L-13-0862-25		1	1	1	1	1	1
		L-13-0862-26		1	1	1	1	1	1
		L-13-0862-27		1	1	1	1	1	1
		L-13-0862-28		1	1	1	1	1	1
		L-13-0862-29		1	1	1	1	1	1
		L-13-0862-30		1	1	1	1	1	1
		L-13-0862-31		1	1	1	1	1	1
		L-13-0862-32		1	1	1	1	1	1
		L-13-0862-33		1	1	1	1	2	2
		L-13-0862-34		1	1	1	1	1	1
		L-13-0862-35		1	1	1	1	1	1
PROJECT TOTALS				45	45	45	48	48	48

*ADDITIONAL QUANTITIES LISTED ELSEWHERE IN PLANS

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STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
			Cut	Excavation	Marsh	Excavation	Cut	Fill	Marsh	Rock	Cut	Fill	Marsh	Rock	
			(In Cross Sections)				(In Cross Sections)								
70+81 AH	7081	0.00	8.75	0	0.00	0	0	0	0	0	0	0	0	0	0
71+00	7100	19.00	8.50	7.03	0.00	0	6	5	0	0	0	0	0	0	1
71+25	7125	25.00	11.91	14.84	0.00	0	11	14	0	0	0	0	0	0	-2
71+50	7150	25.00	17.10	8.52	0.00	0	16	8	0	0	0	0	0	0	6
71+75	7175	25.00	34.82	2.64	0.00	0	23	2	0	0	0	0	0	0	27
72+00	7200	25.00	35.67	0	0.00	0	33	0	0	0	0	0	0	0	60
72+25	7225	25.00	46.86	0	0.00	0	45	0	0	0	0	0	0	0	105
72+50	7250	25.00	59.01	0	0.00	0	55	0	0	0	0	0	0	0	160
72+75	7275	25.00	59.18	0.05	0.00	0	55	0	0	0	0	0	0	0	214
73+00	7300	25.00	52.97	8.78	0.00	0	49	8	0	0	0	0	0	0	255
73+25	7325	25.00	54.58	16.72	0.00	0	51	15	0	0	0	0	0	0	290
73+50	7350	25.00	74.99	23.72	0.00	0	69	22	0	0	0	0	0	0	338
73+75	7375	25.00	75.66	31.23	0.00	0	70	29	0	0	0	0	0	0	379
74+00	7400	25.00	74.75	30.44	0.00	0	69	28	0	0	0	0	0	0	420
74+25	7425	25.00	74.91	26.41	0.00	0	69	24	0	0	0	0	0	0	465
74+50	7450	25.00	87.91	11.79	0.00	0	81	11	0	0	0	0	0	0	535
74+75	7475	25.00	99.64	3.15	0.00	0	92	3	0	0	0	0	0	0	625
75+00	7500	25.00	180.41	5.47	0.00	0	167	5	0	0	0	0	0	0	787
75+25	7525	25.00	142.85	2.7	0.00	0	150	4	0	0	0	0	0	0	933
75+50	7550	25.00	143.46	2.51	0.00	0	133	2	0	0	0	0	0	0	1063
75+75	7575	25.00	146.74	2.49	0.00	0	134	2	0	0	0	0	0	0	1195
76+00	7600	25.00	149.82	2.3	0.00	0	137	2	0	0	0	0	0	0	1330
76+25	7625	25.00	153.82	2.17	0.00	0	141	2	0	0	0	0	0	0	1468
76+50	7650	25.00	156.13	1.86	0.00	0	143	2	0	0	0	0	0	0	1610
76+75	7675	25.00	154.88	2.24	0.00	0	144	2	0	0	0	0	0	0	1752
77+00	7700	25.00	153.77	3.29	0.00	0	143	3	0	0	0	0	0	0	1892
77+25	7725	25.00	165.25	0	0.00	0	146	2	0	0	0	0	0	0	2039
77+50	7750	25.00	177.39	0.33	0.00	0	44	0	0	0	0	0	0	0	2150
77+75	7775	25.00	187.27	0.55	0.00	0	68	0	0	0	0	0	0	0	2206
78+00	7800	25.00	186.13	0.03	0.00	0	55	0	0	0	0	0	0	0	2325
78+25	7825	25.00	132.00	59.67	0.00	0	147	28	0	0	0	0	0	0	2390
78+50	7850	25.00	134.86	66.94	0.00	0	124	59	0	0	0	0	0	0	2455
78+75	7875	25.00	138.77	67.79	0.00	0	127	62	0	0	0	0	0	0	2522
79+00	7900	25.00	146.06	72.02	0.00	0	132	65	0	0	0	0	0	0	2588
79+25	7925	25.00	155.98	87.44	0.00	0	151	89	0	0	0	0	0	0	2710
79+50	7950	25.00	169.76	103.89	0.00	0	164	105	0	0	0	0	0	0	2842
79+75	7975	25.00	185.51	122.4	0.00	0	180	120	0	0	0	0	0	0	2920
80+00	8000	25.00	203.30	135.92	0.00	0	201	129	0	0	0	0	0	0	2993
80+25	8025	25.00	230.24	143.01	0.00	0	210	132	0	0	0	0	0	0	3063
80+50	8050	25.00	222.92	141.26	0.00	0	212	138	0	0	0	0	0	0	3125
80+75	8075	25.00	234.63	157.66	0.00	0	217	147	0	0	0	0	0	0	3155
81+00	8100	25.00	233.55	159.31	0.00	0	215	154	0	0	0	0	0	0	3145
81+25	8125	25.00	231.46	177.83	0.00	0	199	169	0	0	0	0	0	0	3140
81+50	8150	25.00	196.45	181.9	0.00	0	177	188	0	0	0	0	0	0	3140
81+75	8175	25.00	183.92	214.11	0.00	0	182	187	0	0	0	0	0	0	3226
81+75 BK	8175	25.00	210.20	388.54	0.00	0	211	126	0	0	0	0	0	0	3226
81+75 BK	8175	25.00	244.74	81.55	0.00	0	211	126	0	0	0	0	0	0	3226

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DIVISION 1 - CTR N NB INN

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
			Cut	Fill	Excavation Marsh (in Cross Sections)	Excavation Rock (in Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill	Marsh	Rock		
84+00 AH	8400	0.00	309.11	74.92	0.00	0.00	0	0	0	0	5391	2165	0	0	3226	
84+25	8425	25.00	346.89	7.34	0.00	0.00	0	304	15	0	0	5694	2180	0	0	3514
84+50	8450	25.00	420.79	1.81	0.00	0.00	0	355	4	0	0	6050	2184	0	0	3866
84+75	8475	25.00	571.96	0.86	0.00	0.00	0	460	1	0	0	6509	2185	0	0	4324
85+00	8500	25.00	592.99	0.33	0.00	0.00	0	539	1	0	0	7049	2186	0	0	4863
85+25	8525	25.00	579.29	0	0.00	0.00	0	543	0	0	0	7591	2186	0	0	5405
85+50	8550	25.00	564.67	0	0.00	0.00	0	530	0	0	0	8121	2186	0	0	5935
85+75	8575	25.00	387.24	0	0.00	0.00	0	441	0	0	0	8562	2186	0	0	6376
86+00	8600	25.00	309.29	0	0.00	0.00	0	322	0	0	0	8894	2186	0	0	6698
86+25	8625	25.00	304.16	0	0.00	0.00	0	284	0	0	0	9168	2186	0	0	6982
86+50	8650	25.00	283.61	0	0.00	0.00	0	272	0	0	0	9440	2186	0	0	7254
86+75	8675	25.00	160.63	23.01	0.00	0.00	0	206	11	0	0	9646	2187	0	0	7449
87+00	8700	25.00	161.15	22.51	0.00	0.00	0	149	21	0	0	9795	2218	0	0	7577
87+25	8725	25.00	164.07	22.23	0.00	0.00	0	151	21	0	0	9945	2239	0	0	7707
87+50	8750	25.00	168.00	22.14	0.00	0.00	0	154	21	0	0	10099	2259	0	0	7840
87+75	8775	25.00	168.47	22.48	0.00	0.00	0	156	21	0	0	10255	2280	0	0	7975
88+00	8800	25.00	165.08	23.21	0.00	0.00	0	154	21	0	0	10409	2301	0	0	8108
88+25	8825	25.00	124.43	23.84	0.00	0.00	0	115	22	0	0	10543	2323	0	0	8221
88+50	8850	25.00	123.28	24.33	0.00	0.00	0	115	22	0	0	10658	2345	0	0	8313
88+75	8875	25.00	122.47	24.37	0.00	0.00	0	114	23	0	0	10772	2368	0	0	8404
89+00	8900	25.00	123.52	23.87	0.00	0.00	0	113	22	0	0	10885	2390	0	0	8495
89+25	8925	25.00	120.10	23.34	0.00	0.00	0	112	22	0	0	10998	2412	0	0	8586
89+50	8950	25.00	119.33	24.55	0.00	0.00	0	111	22	0	0	11108	2434	0	0	8675
89+75	8975	25.00	120.03	23.19	0.00	0.00	0	111	22	0	0	11219	2456	0	0	8763
90+00	9000	25.00	123.34	25.95	0.00	0.00	0	113	23	0	0	11332	2479	0	0	8853
90+25	9025	25.00	126.21	28.75	0.00	0.00	0	116	25	0	0	11447	2504	0	0	8943
90+50	9050	25.00	124.79	29.85	0.00	0.00	0	117	26	0	0	11565	2530	0	0	9034
90+75	9075	25.00	124.79	29.85	0.00	0.00	0	116	27	0	0	11681	2557	0	0	9124
91+00	9100	25.00	123.47	27.3	0.00	0.00	0	115	26	0	0	11796	2584	0	0	9212
91+25	9125	25.00	125.96	22.68	0.00	0.00	0	115	23	0	0	11911	2607	0	0	9304
91+50	9150	25.00	132.43	18.6	0.00	0.00	0	120	19	0	0	12031	2626	0	0	9405
91+75	9175	25.00	139.10	20.58	0.00	0.00	0	126	18	0	0	12157	2644	0	0	9513
92+00	9200	25.00	153.36	31.63	0.00	0.00	0	135	24	0	0	12292	2668	0	0	9624
92+25	9225	25.00	180.11	50.85	0.00	0.00	0	154	38	0	0	12446	2707	0	0	9740
92+50	9250	25.00	245.03	70.87	0.00	0.00	0	197	56	0	0	12643	2763	0	0	9880
92+75	9275	25.00	351.39	115.39	0.00	0.00	0	276	86	0	0	12919	2849	0	0	10070
93+00	9300	25.00	544.29	182.66	0.00	0.00	0	415	138	0	0	13334	2987	0	0	10347
93+25	9325	25.00	596.89	271.42	0.00	0.00	0	528	210	0	0	13862	3197	0	0	10665
93+50	9350	25.00	698.15	406.52	0.00	0.00	0	600	323	0	0	14462	3520	0	0	10942
93+75	9375	25.00	824.36	632.88	0.00	0.00	0	705	467	0	0	15167	3988	0	0	11279
94+00	9400	25.00	965.00	763.59	0.00	0.00	0	826	623	0	0	15993	4611	0	0	11729
94+25	9425	25.00	22.06	962.25	0.00	0.00	0	455	769	0	0	16448	5410	0	0	11932
94+33	9433	7.93	0.00	983.38	0.00	0.00	0	3	287	0	0	16451	5627	0	0	12074
94+50	9450	17.07	0.00	1114.58	0.00	0.00	0	0	665	0	0	16451	6362	0	0	12089
94+75	9475	25.00	0.00	1312.17	0.00	0.00	0	0	1123	0	0	16451	7485	0	0	8986
95+00	9500	25.00	0.00	1540.21	0.00	0.00	0	0	1321	0	0	16451	8906	0	0	7645
95+25	9525	25.00	0.04	1659.35	0.00	0.00	0	0	1481	0	0	16451	10287	0	0	6164
95+50 BK	9550	25.00	0.64	1842.21	0.00	0.00	0	0	1621	0	0	16451	11908	0	0	4543
96+00 AH	9600	0.00	537.86	31.76	0.00	0.00	0	0	0	0	0	16451	11908	0	0	4543
96+25	9625	25.00	294.67	33.01	0.00	0.00	0	385	30	0	0	16837	11938	0	0	4898
96+46	9646	21.49	278.38	147.74	0.00	0.00	0	228	72	0	0	17065	12010	0	0	5055
96+50	9650	3.51	125.95	150.82	0.00	0.00	0	26	19	0	0	17091	12030	0	0	5061
96+75 BK	9675	25.00	1.94	168.98	0.00	0.00	0	59	148	0	0	17150	12178	0	0	4973
102+00 AH	10200	0.00	12.74	286.91	0.00	0.00	0	0	0	0	0	17150	12178	0	0	4973
102+25	10225	25.00	31.45	215.14	0.00	0.00	0	20	232	0	0	17171	12410	0	0	4761
102+50	10250	25.00	332.48	85.11	0.00	0.00	0	168	139	0	0	17339	12549	0	0	4790
102+75	10275	25.00	264.29	24.31	0.00	0.00	0	276	51	0	0	17615	12600	0	0	5016
103+00 BK	10300	25.00	216.52	52.35	0.00	0.00	0	224	35	0	0	17839	12695	0	0	5204

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DIVISION 1 - CTH IN NB - NW

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate	
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh
105+50 AH	10650	0.00	4.51	161.03	0.00	0	0	0	17839	12635	0	0	5204
105+75	10675	25.00	24.95	184.62	0.00	14	160	0	17853	12795	0	0	5057
106+00	10600	25.00	49.64	96.62	0.00	35	130	0	17887	12925	0	0	4962
106+25	10625	25.00	75.81	62.42	0.00	58	74	0	17945	12999	0	0	4946
106+50	10650	25.00	114.61	16.4	0.00	88	36	0	18033	13036	0	0	4898
106+75	10675	25.00	171.90	0	0.00	133	8	0	18166	13043	0	0	5123
107+00	10700	25.00	246.49	0	0.00	194	0	0	18360	13043	0	0	5517
107+25	10725	25.00	344.21	0	0.00	273	0	0	18633	13043	0	0	5590
107+50	10750	25.00	359.94	0	0.00	326	0	0	18959	13043	0	41	5916
107+75	10775	25.00	167.56	0	0.00	244	0	0	19203	13043	0	615	6372
108+00	10800	25.00	289.84	0	0.00	212	0	0	19415	13043	0	615	6372
108+25	10825	25.00	272.23	0	0.00	260	0	0	19675	13043	0	981	6632
108+50	10850	25.00	69.29	0	0.00	158	0	0	19833	13043	0	1455	6790
108+75	10875	25.00	74.98	0	0.00	67	0	0	19900	13043	0	1994	6857
109+00	10900	25.00	99.03	0	0.00	81	0	0	19981	13043	0	2546	6938
109+25	10925	25.00	61.87	0	0.00	67	0	0	20055	13043	0	3127	7012
109+50	10950	25.00	26.16	0	0.00	41	0	0	20096	13043	0	3764	7053
109+75	10975	25.00	30.87	0	0.00	26	0	0	20122	13043	0	4453	7079
110+00	11000	25.00	95.91	0	0.00	59	0	0	20181	13043	0	5135	7138
110+25	11025	25.00	16.95	0	0.00	684	0	0	20233	13043	0	5818	7190
110+50	11050	25.00	61.65	0	0.00	36	0	0	20270	13043	0	6538	7227
110+75	11075	25.00	40.65	0	0.00	47	0	0	20317	13043	0	7274	7274
111+00	11100	25.00	202.58	0	0.00	595	0	0	20430	13043	0	7846	7387
111+25	11125	25.00	286.61	0	0.00	436	0	0	20556	13043	0	8282	7613
111+50	11150	25.00	208.83	0	0.00	355	0	0	20932	13043	0	8637	7689
111+75	11175	25.00	218.93	0	0.00	276	0	0	21175	13043	0	8982	8132
112+00	11200	25.00	203.45	0	0.00	339	0	0	21366	13043	0	9321	8225
112+25	11225	25.00	260.93	0	0.00	273	0	0	21583	13043	0	9595	8540
112+50	11250	25.00	294.90	0	0.00	215	0	0	21840	13043	0	9802	8797
112+75	11275	25.00	282.73	0	0.00	257	0	0	22108	13043	0	9979	9065
113+00	11300	25.00	312.13	0	0.00	177	0	0	22383	13043	0	10137	9340
113+25	11325	25.00	373.62	0.36	0.00	275	0	0	22683	13043	0	10263	9658
113+50	11350	25.00	373.62	0.96	0.00	318	0	0	22701	13043	0	10360	10004
113+75	11375	25.00	360.20	0.64	0.00	346	1	0	23047	13044	0	10441	10343
114+00	11400	25.00	523.52	0.54	0.00	340	1	0	23387	13045	0	10477	10751
114+25	11425	25.00	493.04	0.19	0.00	409	1	0	23796	13045	0	10477	11221
114+50	11450	25.00	457.97	0.03	0.00	471	0	0	24267	13046	0	10477	11662
114+75	11475	25.00	430.08	0	0.00	440	0	0	25118	13046	0	10477	12073
115+00	11500	25.00	711.66	0	0.00	411	0	0	25647	13046	0	10477	12601
115+25	11525	25.00	682.60	0	0.00	645	0	0	26292	13046	0	10477	13247
115+50	11550	25.00	661.44	0	0.00	622	0	0	26915	13046	0	10477	13869
115+75	11575	25.00	639.11	0	0.00	602	0	0	27517	13046	0	10477	14471
116+00	11600	25.00	626.07	0	0.00	586	0	0	28102	13046	0	10477	15057
116+25	11625	25.00	624.13	0	0.00	579	0	0	28681	13046	0	10477	15636
116+50	11650	25.00	635.02	0	0.00	578	0	0	29260	13046	0	10477	16214
116+75	11675	25.00	651.63	0	0.00	591	0	0	29851	13046	0	10477	16805
117+00	11700	25.00	661.31	0	0.00	608	0	0	30458	13046	0	10477	17413
117+25	11725	25.00	526.34	0	0.00	551	0	0	31009	13046	0	10477	17964
117+50	11750	25.00	570.02	0	0.00	509	0	0	31518	13046	0	10477	18472
117+75	11775	25.00	1018.26	0	0.00	735	0	0	32253	13046	0	10477	19207

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 DIVISION 1 - CTH N SB 'NS'

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mess Ordinate
			Cut	Excavation	Marsh	Excavation	Marsh	Rock	Cut	Fill	Marsh	
84+25	AH	8425	227.46	3.16	0.00	0	0	0	2033	493	0	1541
84+50		8450	240.49	1.38	0.00	0	217	2	2250	495	0	1755
84+75		8475	247.74	0.53	0.00	0	226	1	2476	496	0	1980
85+00		8500	246.10	0.63	0.00	0	229	1	2705	497	0	2208
85+25		8525	258.63	0.11	0.00	0	234	0	2938	497	0	2442
85+50		8550	252.83	0.93	0.00	0	237	0	3175	497	0	2678
85+75		8575	242.45	1.48	0.00	0	229	1	3404	498	0	2906
86+00		8600	232.20	1.31	0.00	0	220	1	3624	500	0	3125
86+25		8625	220.09	2.48	0.00	0	209	2	3833	501	0	3332
86+50		8650	203.93	5.71	0.00	0	196	4	4030	505	0	3525
86+75		8675	177.75	10.82	0.00	0	177	8	4206	513	0	3694
87+00		8700	167.83	16.31	0.00	0	160	13	4366	525	0	3841
87+25		8725	157.15	22.7	0.00	0	150	18	4517	543	0	3974
87+50		8750	147.46	38.19	0.00	0	141	24	4658	567	0	4091
87+75		8775	138.80	52.89	0.00	0	133	28	4791	595	0	4196
88+00		8800	136.44	65.87	0.00	0	128	36	4919	632	0	4287
88+25		8825	136.24	80.68	0.00	0	126	52	5045	683	0	4362
88+50		8850	136.90	93.51	0.00	0	126	74	5171	757	0	4414
88+75		8875	133.48	109.25	0.00	0	125	94	5297	851	0	4446
89+00		8900	134.92	124.78	0.00	0	124	78	5421	929	0	4492
89+25		8925	129.20	135.22	0.00	0	122	33	5543	962	0	4581
89+50		8950	123.61	172.4	0.00	0	117	14	5660	976	0	4684
89+75		8975	100.86	128.3	0.00	0	104	68	5764	1044	0	4720
90+00		9000	84.20	135.69	0.00	0	86	123	5850	1167	0	4683
90+25		9025	73.73	136.89	0.00	0	79	89	5923	1293	0	4630
90+50		9050	96.11	155.79	0.00	0	89	37	6002	1382	0	4619
90+75		9075	23.44	23.44	0.00	0	89	37	6091	1419	0	4672
91+00		9100	82.46	29.31	0.00	0	83	24	6174	1443	0	4730
91+25		9125	23.99	95.84	0.00	0	49	58	6223	1501	0	4722
91+50		9150	3.17	397.18	0.00	0	13	228	6236	1729	0	4506
91+75		9175	4.20	512.1	0.00	0	3	421	6239	2150	0	4089
92+00		9200	12.07	614.49	0.00	0	8	522	6246	2672	0	3575
92+25		9225	20.44	703.43	0.00	0	15	610	6262	3282	0	2979
92+50		9250	26.38	788.85	0.00	0	22	691	6283	3973	0	2310
92+75		9275	29.32	893.82	0.00	0	26	779	6309	4752	0	1557
93+00		9300	31.47	975.08	0.00	0	28	865	6337	5617	0	720
93+25		9325	30.27	1072.27	0.00	0	28	948	6366	6565	0	-1199
93+50		9350	30.54	1239.07	0.00	0	29	1065	6394	7630	0	-1237
93+75		9375	34.45	1649.46	0.00	0	30	1333	6424	8963	0	-2539
94+00		9400	27.58	2235.58	0.00	0	29	1799	6453	10762	0	-4309
94+25		9425	2.38	2649.96	0.00	0	14	2262	6467	13024	0	-6557
94+44		9444	1.74	2816.55	0.00	0	1	1923	6468	14947	0	-8479
94+50		9450	1.91	2864.85	0.00	0	0	632	6468	15578	0	-9110
94+75		9475	2.85	3080.46	0.00	0	2	2752	6470	18331	0	-11860
95+00		9500	2.48	3328.36	0.00	0	2	2967	6473	21298	0	-14825
95+25		9525	2.68	3605.23	0.00	0	2	3210	6475	24508	0	-18033
95+50		9550	2.28	3951.33	0.00	0	2	3498	6477	28006	0	-21529
95+75	BK	9575	1.77	4566.72	0.00	0	2	3846	6479	31852	0	-25373

CONTINUED ON NEXT PAGE

PROJECT ID 1007-10-86
DIVISION 1.1 - CTH IN SE 'NS'

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate	
			Cut	Excavation	Marsh	Cut	Fill	Marsh	Cut	Fill	Marsh		Rock
98+25 AH	9825	0.00	2509.49	85.95	0.00	0	0	0	6479	31852	0	0	-25373
98+50	9850	25.00	3144.02	189.5	0.00	0	128	0	2617	31980	0	0	-22883
98+75	9875	25.00	3367.09	625.11	0.00	0	3014	377	12111	32357	0	0	-20346
98+75	9875	0.00	3156.56	1182.2	0.00	0	0	0	12111	32357	0	0	-20346
99+00 BK	9900	25.00	2352.12	1983.69	0.00	0	2504	1429	14615	33786	0	0	-19171
102+25 AH	10225	0.00	14.52	1416.12	0.00	0	0	0	14615	33786	0	0	-19171
102+50	10250	25.00	0.00	1066.54	0.00	0	7	1149	14622	34935	0	0	-20313
102+75	10275	25.00	4.11	440.26	0.00	0	2	698	14624	35633	0	0	-21009
103+00 BK	10300	25.00	56.65	92.2	0.00	0	28	247	14652	35879	0	0	-21227
105+50 AH	10550	0.00	589.88	0	0.00	108.3	0	0	14652	35879	0	0	-21227
105+75	10575	25.00	612.46	0	0.00	107.79	557	0	15209	35879	0	101	-20671
106+00	10600	25.00	623.80	0	0.00	113.07	572	0	15781	35879	0	203	-20098
106+25	10625	25.00	660.12	0	0.00	149.93	594	0	16375	35879	0	325	-19504
106+50	10650	25.00	636.66	0	0.00	271.41	600	0	16976	35879	0	520	-18904
106+75	10675	25.00	647.21	0	0.00	226.3	594	0	17570	35879	0	750	-18309
107+00	10700	25.00	588.88	0	0.00	160.19	572	0	18142	35879	0	929	-17737
107+25	10725	25.00	583.55	0.29	0.00	69.69	543	0	18685	35879	0	1035	-17194
107+50	10750	25.00	553.86	2.13	0.00	102.31	527	1	19212	35881	0	1115	-16669
107+75	10775	25.00	167.65	0	0.00	409.43	334	1	19546	35882	0	1352	-16336
108+00	10800	25.00	148.09	0	0.00	441.53	146	0	19692	35882	0	1746	-16190
108+25	10825	25.00	131.22	0	0.00	437.88	129	0	19821	35882	0	2153	-16060
108+50	10850	25.00	238.99	0	0.00	385.15	167	0	19988	35882	0	2520	-15894
108+75	10875	25.00	157.07	0	0.00	383.02	179	0	20167	35882	0	2867	-15715
109+00	10900	25.00	78.55	0	0.00	392.07	109	0	20358	35882	0	3230	-15606
109+25	10925	25.00	55.43	0	0.00	378.63	62	0	20395	35882	0	3587	-15494
109+50	10950	25.00	67.80	0	0.00	337.29	57	0	20484	35882	0	3916	-15487
109+75	10975	25.00	123.81	0	0.00	380.17	89	0	20608	35882	0	4290	-15273
110+00	11000	25.00	145.26	0	0.00	368.66	125	0	20742	35882	0	4698	-15140
110+25	11025	25.00	143.96	0	0.00	367.2	134	0	20742	35882	0	4937	-14993
110+50	11050	25.00	171.92	0	0.00	403.91	146	0	20888	35882	0	5295	-14845
110+75	11075	25.00	580.45	0	0.00	0	348	0	21237	35882	0	5482	-14645
111+00	11100	25.00	548.85	0	0.00	0	523	0	21759	35882	0	5482	-14422
111+25	11125	25.00	489.43	0	0.00	0	481	0	22240	35882	0	5482	-13641
111+50	11150	25.00	463.32	0	0.00	0	441	0	22681	35882	0	5482	-13200
111+75	11175	25.00	530.52	0	0.00	0	460	0	23141	35882	0	5482	-12740
112+00	11200	25.00	506.29	0	0.00	0	480	0	23621	35882	0	5482	-12260
112+25	11225	25.00	525.26	0	0.00	0	478	0	24099	35882	0	5482	-11783
112+50	11250	25.00	533.61	0	0.00	0	490	0	24589	35882	0	5482	-11292
112+75	11275	25.00	511.20	0	0.00	0	484	0	25073	35882	0	5482	-10809
113+00	11300	25.00	489.09	0	0.00	0	463	0	25536	35882	0	5482	-10346
113+25	11325	25.00	472.11	0	0.00	0	445	0	25981	35882	0	5482	-9901
113+50	11350	25.00	452.04	0	0.00	0	428	0	26409	35882	0	5482	-9473
113+75	11375	25.00	430.95	0	0.00	0	409	0	26818	35882	0	5482	-9064
114+00	11400	25.00	407.09	0	0.00	0	388	0	27205	35882	0	5482	-8676
114+25	11425	25.00	378.33	0	0.00	0	364	0	27569	35882	0	5482	-8312
114+50	11450	25.00	347.19	0	0.00	0	336	0	27905	35882	0	5482	-7977
114+75	11475	25.00	326.01	0	0.00	0	312	0	28217	35882	0	5482	-7665
COLUMN TOTALS													
											5482		

Addendum No. 01
ID 1007-10-86
Revised Sheet 683
February 22, 2017

Addendum No. 01
ID 1007-10-86
Revised Sheet 684
February 22, 2017

PROJECT ID 1007-10-86
DIVISION I - SOUTH BACKAGE ROUNDABOUT

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate	
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh
10+00	AH	1000.01	296.57	0.08	0.00	0	0	0	0	0	0	0	0
10+25		1025	24.99	0.21	0.00	207	0	0	207	0	0	0	207
10+50		1050	149.57	10.98	0.00	139	5	0	345	5	0	0	340
10+75		1075	29.16	18.3	0.00	83	14	0	428	19	0	0	409
11+00		1100	123.31	13.07	0.00	71	15	0	499	33	0	0	465
11+25		1125	131.85	16.07	0.00	118	13	0	617	47	0	0	570
11+50		1150	2.19	38.17	0.00	62	25	0	679	72	0	0	607
11+75		1175	192.60	0	0.00	90	18	0	769	90	0	0	679
12+00		1200	182.64	74.69	0.00	174	35	0	943	124	0	0	819
12+25		1225	177.08	110.42	0.00	167	86	0	1109	210	0	0	899
12+50		1250	300.76	0.2	0.00	221	51	0	1331	261	0	0	1069
12+75		1275	207.78	2.65	0.00	235	1	0	1566	262	0	0	1304
13+00		1300	303.44	0	0.00	237	1	0	1803	264	0	0	1539
13+25		1325	370.35	0.19	0.00	312	0	0	2115	264	0	0	1851
13+50		1350	258.04	2.53	0.00	225	1	0	2340	265	0	0	2075
13+75	BK	1375	258.04	0	0.00	173	1	0	2513	266	0	0	2247
COLUMN TOTALS			2513	266	0	0	0	0	2513	266	0	0	2247

PROJECT ID 1007-10-86
DIVISION I - SOUTH RAMP ROUNDABOUT

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate	
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh
10+00	AH	1000	63.06	79.73	0.00	0	0	0	0	0	0	0	0
10+25		1025	108.27	58.13	0.00	79	64	0	79	64	0	0	15
10+50		1050	110.77	83.67	0.00	101	66	0	181	129	0	0	51
10+75		1075	579.41	53.99	0.00	320	64	0	500	193	0	0	307
11+00		1100	191.12	57.79	0.00	357	52	0	857	245	0	0	612
11+25		1125	9.28	245.11	0.00	93	140	0	950	385	0	0	565
11+50		1150	6.50	244.13	0.00	7	227	0	957	612	0	0	345
11+75		1175	0.00	406.69	0.00	3	311	0	960	922	0	0	348
12+00		1200	0.00	354.96	0.00	0	316	0	960	1238	0	0	-378
12+25		1225	0.00	273.73	0.00	0	245	0	960	1483	0	0	-523
12+50		1250	0.00	289.67	0.00	0	1178	0	960	2660	0	0	-1700
12+75		1275	0.00	308.83	0.00	0	2875	0	960	5335	0	0	-4375
13+00		1300	0.00	343.88	0.00	0	3215	0	960	8550	0	0	-7590
13+25		1325	0.00	4024.99	0.00	0	3454	0	960	12005	0	0	-11045
13+50		1350	0.00	2134.16	0.00	0	2851	0	960	14856	0	0	-13896
13+75		1375	0.00	2165.42	0.00	0	1991	0	960	16847	0	0	-15887
14+00		1400	0.00	713.35	0.00	0	1333	0	960	18179	0	0	-17219
14+25	BK	1425	12.24	376.95	0.00	6	505	0	966	18684	0	0	-17718
COLUMN TOTALS			966	18684	0	0	0	0	966	18684	0	0	-17718

Addendum No. 01
 ID 1007-10-86
 Revised Sheet 685
 February 22, 2017

PROJECT ID 1007-10-86
 DIVISION 1 - NORTH RAMP ROUNDABOUT

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate		
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh	Rock
9+75 AH	975	0.00	289.67	95.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10+00	1000	25.00	495.67	181.41	0.00	0.00	0.00	364	128	0	0	364	128	
10+25	1025	25.00	0.00	308.55	0.00	0.00	0.00	229	207	0	0	593	335	
10+50	1050	25.00	58.96	140.74	0.00	0.00	0.00	27	208	0	0	620	563	
10+75	1075	25.00	64.45	254.94	0.00	0.00	0.00	57	183	0	0	677	746	
11+00	1100	25.00	5.85	317.11	0.00	0.00	0.00	33	265	0	0	710	1011	
11+25	1125	25.00	32.22	223.03	0.00	0.00	0.00	18	250	0	0	728	1261	
11+50	1150	25.00	23.18	86.93	0.00	0.00	0.00	26	144	0	0	753	1405	
11+75	1175	25.00	178.66	63.87	0.00	0.00	0.00	93	70	0	0	847	1474	
12+00	1200	25.00	199.92	108.05	0.00	0.00	0.00	175	80	0	0	1022	1554	
12+25	1225	25.00	130.84	68.87	0.00	0.00	0.00	153	82	0	0	1175	1636	
12+50	1250	25.00	111.29	164.43	0.00	0.00	0.00	112	108	0	0	1287	1744	
12+75	1275	25.00	29.84	891.76	0.00	0.00	0.00	65	396	0	0	1353	2140	
13+00	1300	25.00	21.19	933.66	0.00	0.00	0.00	24	739	0	0	1376	2879	
13+25	1325	25.00	53.03	409.88	0.00	0.00	0.00	34	608	0	0	1411	3487	
13+50	1350	25.00	167.89	80.69	0.00	0.00	0.00	102	227	0	0	1513	3714	
13+75	1375	25.00	276.88	50.85	0.00	0.00	0.00	206	61	0	0	1719	3775	
14+00 BK	1400	25.00	282.36	411.19	0.00	0.00	0.00	259	43	0	0	1978	3818	
			COLUMN TOTALS			1978	3818	0	0	0	0	0	0	0

PROJECT ID 1007-10-86
 DIVISION 1 - NB EXIT RAMP PROPOSED 'NB'

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate		
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh	Rock
2279+07 AH	227907	0.00	105.93	102.03	0.00	0.00	0.00	0	0	0	0	0	0	
2279+50	227950	43.00	91.51	88.2	0.00	0.00	0.00	157	151	0	0	157	151	
2280+00	228000	50.00	61.26	99.5	0.00	0.00	0.00	141	174	0	0	299	325	
2280+50	228050	50.00	54.47	100.5	0.00	0.00	0.00	107	185	0	0	406	510	
2281+00	228100	50.00	33.05	121.16	0.00	0.00	0.00	81	205	0	0	487	716	
2281+50	228150	50.00	32.95	123.24	0.00	0.00	0.00	61	226	0	0	548	942	
2282+00	228200	50.00	27.85	135.25	0.00	0.00	0.00	56	230	0	0	604	1172	
2282+50	228250	50.00	49.97	143.24	0.00	0.00	0.00	72	232	0	0	676	1404	
2283+00	228300	50.00	46.32	142.11	0.00	0.00	0.00	91	248	0	0	767	1652	
2283+50	228350	50.00	46.49	172.61	0.00	0.00	0.00	88	291	0	0	855	1943	
2284+00	228400	50.00	36.47	215.03	0.00	0.00	0.00	77	359	0	0	932	2302	
2284+50	228450	50.00	28.93	274.3	0.00	0.00	0.00	61	453	0	0	1043	3318	
2285+00	228500	50.00	25.77	333.58	0.00	0.00	0.00	51	563	0	0	1158	4038	
2285+50	228550	50.00	99.12	444.48	0.00	0.00	0.00	115	720	0	0	1402	4965	
2286+00	228600	50.00	165.21	556.49	0.00	0.00	0.00	244	927	0	0	1803	6094	
2286+50	228650	50.00	268.72	662.89	0.00	0.00	0.00	402	1129	0	0	2417	7474	
2287+00	228700	50.00	393.60	826.94	0.00	0.00	0.00	613	1379	0	0	3206	9221	
2287+50	228750	50.00	459.28	1060.23	0.00	0.00	0.00	790	1747	0	0	4107	11353	
2288+00	228800	50.00	513.70	1242.03	0.00	0.00	0.00	901	2132	0	0	5126	13793	
2288+50	228850	50.00	586.34	1393.99	0.00	0.00	0.00	1019	2441	0	0	6276	16396	
2289+00	228900	50.00	655.82	1416.38	0.00	0.00	0.00	1150	2602	0	0	7482	19016	
2289+50	228950	50.00	646.99	1413.86	0.00	0.00	0.00	1206	2621	0	0	8768	21564	
2290+00	229000	50.00	741.15	1338.15	0.00	0.00	0.00	1285	2548	0	0	10223	23963	
2290+50	229050	50.00	830.49	1252.04	0.00	0.00	0.00	1455	2398	0	0	11812	26321	
2291+00	229100	50.00	885.31	1294.65	0.00	0.00	0.00	1589	2358	0	0	13443	28781	
2291+50	229150	50.00	876.41	1362.26	0.00	0.00	0.00	1631	2460	0	0	15074	31241	
2292+00 BK	229200	50.00	96.79	1317.95	0.00	0.00	0.00	901	2482	0	0	16375	33723	
			COLUMN TOTALS			14344	31263	0	0	0	0	0	0	0

Addendum No. 01
 ID 1007-10-86
 Revised Sheet 686
 February 22, 2017

PROJECT ID 1007-10-86
 DIVISION 1 - NB ENTRANCE RAMP PROPOSED 'NA'

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate			
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh	Rock	
2294+00 AH	229400	0.00	442.94	0	220.8	0	0	0	0	0	0	0			
2294+15	229415	14.99	499.86	22.27	183.83	0	0	0	262	6	0	112			
2294+50	229450	35.01	186.57	56.89	55.21	0	0	0	445	51	0	155			
2295+00	229500	50.00	151.53	65	28.48	0	0	0	313	113	0	77			
2295+50	229550	50.00	221.80	64.01	14.78	0	0	0	1020	170	0	345			
2296+00	229600	50.00	208.24	58.4	5.58	0	0	0	1366	290	0	385			
2296+50	229650	50.00	288.13	47.15	4.38	0	0	0	1764	403	0	404			
2297+00	229700	50.00	401.10	33.1	9.28	0	0	0	2223	501	0	413			
2297+50	229750	50.00	520.25	21.32	50.7	0	0	0	2861	575	0	426			
2298+00	229800	50.00	553.92	15.64	125.88	0	0	0	3715	626	0	481			
2298+50	229850	50.00	504.97	17.63	171.63	0	0	0	4709	660	0	645			
2299+00	229900	50.00	432.72	18.31	168.22	0	0	0	5690	691	0	920			
2299+50	229950	50.00	404.80	13	255.68	0	0	0	6558	724	0	1235			
2300+00	230000	50.00	403.42	11.49	338.12	0	0	0	7333	753	0	1627			
2300+50	230050	50.00	331.55	17.41	326.77	0	0	0	8082	776	0	2177			
2301+00	230100	50.00	235.48	23.19	303.39	0	0	0	8762	802	0	2793			
2301+50	230150	50.00	232.59	32.87	210.19	0	0	0	9287	840	0	3376			
2302+00	230200	50.00	273.99	28.13	130.15	0	0	0	9739	892	0	3852			
2302+50 BK	230250	50.00	257.84	24.05	69.96	0	0	0	10227	946	0	4167			
			COLUMN TOTALS			10719			997			0			4352

PROJECT ID 1007-10-86
 DIVISION 1 - SB EXIT RAMP PROPOSED 'ND'

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate			
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh	Rock	
2291+87 AH	229187	0.00	0.00	3278.78	0	0	0	0	0	0	0	0			
2292+00	229200	13.00	0.00	3621.84	878	0	0	0	0	1661	211	0			
2292+50	229250	50.00	19.77	3955.74	1116.92	0	0	0	18	7016	1847	0			
2293+00	229300	50.00	17.57	4948.84	1236.77	0	0	0	35	7689	2179	0			
2293+50	229350	50.00	10.38	4899.67	1488.84	0	0	0	26	8276	2524	0			
2294+00	229400	50.00	5.95	3688.83	1690.65	0	0	0	15	7665	2944	0			
2294+50	229450	50.00	1.48	3554.08	1753.17	0	0	0	7	6706	3189	0			
2295+00	229500	50.00	0.29	3431.05	1674.73	0	0	0	2	6468	3174	0			
2295+50	229550	50.00	0.00	3379.99	1636.57	0	0	0	0	6307	3066	0			
2296+00	229600	50.00	0.00	3175.02	1689.11	0	0	0	0	6069	3079	0			
2296+50	229650	50.00	0.00	2817.79	1923.93	0	0	0	0	5549	3345	0			
2297+00	229700	50.00	0.00	2262.53	2213.94	0	0	0	0	4704	3831	0			
2297+50	229750	50.00	0.00	1750.17	2090.02	0	0	0	0	3715	3985	0			
2298+00	229800	50.00	0.00	1538.89	1787.27	0	0	0	0	3036	3950	0			
2298+50	229850	50.00	0.00	1161.56	1802.33	0	0	0	0	2491	3324	0			
2299+00	229900	50.00	0.00	825.88	1824.35	0	0	0	0	1840	3258	0			
2299+50	229950	50.00	0.34	579.71	1485.98	0	0	0	0	1301	3065	0			
2300+00	230000	50.00	0.22	275.16	1010.37	0	0	0	0	899	2312	0			
2300+50	230050	50.00	0.00	179.38	595.84	0	0	0	1	617	1491	0			
2301+00	230100	50.00	0.00	96.36	0	0	0	0	0	421	955	0			
2301+50	230150	50.00	1.16	49.6	0	0	0	0	0	255	0	0			
2302+00	230200	50.00	5.67	30.05	0	0	0	0	1	135	0	0			
2302+50	230250	50.00	14.02	37.17	0	0	0	0	18	74	0	0			
2303+00	230300	50.00	37.17	13.45	0	0	0	0	47	40	0	0			
2303+50	230350	50.00	83.29	2.25	0	0	0	0	112	15	0	0			
2304+00	230400	50.00	75.93	2.8	0	0	0	0	288	8295	0	0			
2304+50	230450	50.00	11.15	81.76	0	0	0	0	147	5	0	0			
2305+00	230500	50.00	0.00	304.27	0	0	0	0	81	78	0	0			
2305+50	230550	50.00	0.00	459.07	0	0	0	0	10	357	0	0			
2306+00 BK	230600	50.00	0.00	542.57	0	0	0	0	0	707	0	0			
			COLUMN TOTALS			527			85026			51071			0

PROJECT ID 1007-10-86

DIVISION I - SB ENTRANCE RAMP PROPOSED, INC.

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill	Marsh	Rock		
2281+00 AH	228100	0.00	152.77	563.59	0	0	0	0	0	0	0	0	0	0	0	
2281+50	228150	50.00	180.97	528.93	0	0	0	0	309	1012	0	0	0	0	-703	
2282+00	228200	50.00	216.50	535.43	0	0	0	0	368	986	0	0	677	1997	-1320	
2282+50	228250	50.00	212.40	550.77	0	0	0	0	397	1006	0	0	1074	3003	-1929	
2283+00	228300	50.00	215.60	549.39	0	0	0	0	396	1019	0	0	1470	4022	-3551	
2283+50	228350	50.00	336.23	532.77	0	0	0	0	418	1002	0	0	1889	5024	-3135	
2284+00	228400	50.00	274.65	525.12	0	0	0	0	473	980	0	0	2362	6003	-3641	
2284+50	228450	50.00	336.28	490.5	0	0	0	0	568	940	0	0	2929	6943	-4014	
2285+00	228500	50.00	416.41	495.14	0	0	0	0	699	911	0	0	3628	7854	-4226	
2285+50	228550	50.00	430.91	527.79	0	0	0	0	785	945	0	0	4413	8800	-4788	
2286+00	228600	50.00	315.17	544.05	0	0	0	0	691	992	0	0	5104	9792	-4688	
2286+08	228607.682	7.68	311.88	573.39	0	0	0	0	89	159	0	0	5193	9951	-4758	
2286+20	228620.258	12.58	301.26	597.76	0	0	0	0	143	273	0	0	5336	10224	-4888	
2286+50	228650	50.00	276.09	582.28	0	0	0	0	318	650	0	0	5654	10874	-5220	
2287+00	228700	50.00	274.29	505.66	0	0	0	0	610	1007	0	0	6163	11881	-5718	
2287+50	228750	50.00	427.98	468.33	0	0	0	0	550	902	0	0	6813	12783	-5969	
2288+00	228800	50.00	636.22	495.13	0	0	0	0	985	892	0	0	7799	13675	-5876	
2288+50	228850	50.00	836.03	557.87	0	0	0	0	1363	975	0	0	9162	14650	-5488	
2289+00	228900	50.00	816.16	648.67	0	0	0	0	1530	1117	0	0	10692	15767	-5075	
2289+50	228950	50.00	315.46	785.65	0	0	0	0	1048	1328	0	0	11740	17095	-5356	
2290+00 BK	229000	50.00	1117.24	128.5	0	0	0	0	1327	846	0	0	13066	17942	-4875	
			COLUMN TOTALS				13066				17942				0	

PROJECT ID 1007-10-86

DIVISION I - WEST ACCESS ROAD 'E'

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate	
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill	Marsh	Rock		
98+00 AH	9800	0.00	210.95	14.81	0	0	0	0	0	0	0	0	0	0	0	
98+25	9825	25.00	239.73	5.95	0	0	0	0	218	10	0	0	218	10	208	
98+50	9850	25.00	205.23	0.41	0	0	0	0	215	3	0	0	433	13	421	
98+75	9875	25.00	150.24	0.04	0	0	0	0	165	0	0	0	598	13	585	
99+00	9900	25.00	105.86	0.58	0	0	0	0	119	0	0	0	716	13	703	
99+25	9925	25.00	91.60	0.62	0	0	0	0	91	1	0	0	808	14	794	
99+50	9950	25.00	171.72	1.12	0	0	0	0	122	1	0	0	930	14	915	
99+75 BK	9975	25.00	214.96	1.75	0	0	0	0	179	1	0	0	1109	16	1093	
			COLUMN TOTALS				1109				16				0	

Addendum No. 01
ID 1007-10-86
Revised Sheet 687
February 22, 2017

PROJECT NO: 1007-10-86

HWY: IH 39

COUNTY: DANE

COMPUTER EARTHWORK DATA

SHEET 687

FILE NAME : P:\MSUD\MEL\119189\CVL11 30\10071001\Sheets\10071006\SEC 09 Computer Earthwork Data\090000.ev.dwg

PLOT DATE : 2/9/2017 12:53 PM

PLOT BY : SEH INC

LAYOUT NAME : 090ILLEW

PLOT SCALE : NIS

WISDOT/CADD SHEET 49

Addendum No. 01
 ID 1007-10-86
 Revised Sheet 689
 February 22, 2017

PROJECT ID 1007-10-86
 DIVISION 1 - RINDEN RD. R.

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate		
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh	Rock
123+55 AH	12355	0.00	43.47	0	0	0	0	0	0	0	0	0	0	
123+75	12375	20.00	112.17	0	0	0	58	0	0	0	58	0	58	
123+85	12385	10.00	129.07	0	0	0	45	0	0	0	102	0	102	
124+00	12400	15.00	152.62	0	0	0	78	0	0	0	181	0	181	
124+25	12425	25.00	228.02	0	0	0	176	0	0	0	357	0	357	
124+50	12450	25.00	313.28	0	0	0	251	0	0	0	607	0	607	
124+75	12475	25.00	376.97	0	0	0	320	0	0	0	928	0	928	
125+00	12500	25.00	442.77	0	0	0	380	0	0	0	1308	0	1308	
125+25 BK	12525	25.00	524.77	0	0	0	448	0	0	0	1756	0	1756	
127+00 AH	12700	0.00	773.31	5.68	0	0	0	0	0	0	1756	0	1756	
127+25	12725	25.00	661.79	0.44	0	0	664	3	0	0	2421	3	2418	
127+50	12750	25.00	597.77	0	0	0	583	0	0	0	3004	3	3001	
127+75	12775	25.00	535.90	0	0	0	525	0	0	0	3529	3	3526	
128+00	12800	25.00	464.01	0	0	0	463	0	0	0	3992	3	3989	
128+25	12825	25.00	375.34	0	0	0	389	0	0	0	4380	3	4377	
128+50	12850	25.00	349.59	0	0	0	336	0	0	0	4716	3	4713	
128+75	12875	25.00	295.95	0	0	0	299	0	0	0	5015	3	5012	
129+00	12900	25.00	255.78	0	0	0	255	0	0	0	5270	3	5267	
129+25	12925	25.00	214.78	0	0	0	218	0	0	0	5488	3	5485	
129+50	12950	25.00	197.02	3.98	0	0	191	2	0	0	5679	5	5674	
129+75	12975	25.00	186.21	6.05	0	0	177	5	0	0	5856	10	5846	
130+00	13000	25.00	114.63	7.14	0	0	139	6	0	0	5995	16	5980	
130+16	13016	15.87	103.11	3.76	0	0	64	3	0	0	6059	19	6040	
130+25	13025	9.13	91.46	2.38	0	0	32	1	0	0	6092	20	6072	
130+50	13050	25.00	46.28	0.34	0	0	65	1	0	0	6157	21	6136	
130+75 BK	13075	25.00	43.59	0	0	0	43	0	0	0	6199	21	6178	
COLUMN TOTALS														
											6199	21	0	0

PROJECT ID 1007-10-86
DIVISION 1 - CITH IN NB TEMPORARY WIDENING "TC2A"

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate			
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Fill	Excavation Marsh	Excavation Rock	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh	Rock	
100+00	AH	10000.01	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100+50		10050.00	18.23	0	0	0	32	0	0	0	32	0	0	0	0	0	32	
101+00		10100.00	15.92	0	0	0	27	6	0	0	53	6	0	0	0	0	59	
101+50		10150.00	13.07	6.8	0	0	24	25	0	0	77	31	0	0	0	0	108	
102+00		10200.00	12.45	19.93	0	0	22	57	0	0	99	88	0	0	0	0	147	
102+50		10250.00	11.33	41.33	0	0	21	88	0	0	120	176	0	0	0	0	216	
103+00		10300.00	11.51	53.61	0	0	21	73	0	0	141	248	0	0	0	0	289	
103+50		10350.00	11.18	24.8	0	0	45	26	0	0	186	275	0	0	0	0	371	
104+00		10400.00	37.82	3.59	0	0	85	9	0	0	271	283	0	0	0	0	456	
104+50		10450.00	53.48	5.66	0	0	130	5	0	0	401	288	0	0	0	0	681	
105+00		10500.00	86.63	0	0	0	88	23	0	0	489	312	0	0	0	0	877	
105+50		10550.00	8.50	25.29	0	0	15	47	0	0	504	359	0	0	0	0	963	
106+00		10600.00	7.85	35.27	0	0	15	45	0	0	519	404	0	0	0	0	1022	
106+50		10650.00	8.00	23.22	0	0	17	44	0	0	536	448	0	0	0	0	1080	
107+00		10700.00	10.00	24.32	0	0	30	39	0	0	566	487	0	0	0	0	1149	
107+50		10750.00	11.76	18.03	0	0	32	33	0	0	598	520	0	0	0	0	1217	
108+00		10800.00	22.79	18.11	0	0	128	39	0	0	726	560	0	0	0	0	1385	
108+50		10850.00	115.55	24.34	0	0	235	34	0	0	961	593	0	0	0	0	1578	
109+00		10900.00	138.05	12.01	0	0	271	22	0	0	1232	615	0	0	0	0	1883	
109+50		10950.00	154.20	12.11	0	0	362	11	0	0	1594	627	0	0	0	0	2045	
110+00		11000.00	236.42	0	0	0	390	13	0	0	1984	640	0	0	0	0	2339	
110+50		11050.00	185.31	14.36	0	0	357	33	0	0	2341	673	0	0	0	0	2612	
111+00		11100.00	195.77	21.69	0	0	400	30	0	0	2741	703	0	0	0	0	2915	
111+50		11150.00	232.24	10.34	0	0	490	10	0	0	3231	713	0	0	0	0	3208	
112+00		11200.00	297.05	0	0	0	634	0	0	0	3865	713	0	0	0	0	3542	
112+50	BK	11250.00	387.86	0	0	0	501	0	0	0	4366	713	0	0	0	0	3843	
113+00		11300.00	153.10	0	0	0	0	0	0	0	4366	713	0	0	0	0	3843	
116+84	AH	11683.86	196.17	0	0	0	0	0	0	0	4366	713	0	0	0	0	3843	
117+00		11700.00	192.28	0	0	0	116	0	0	0	4482	713	0	0	0	0	3959	
117+50		11750.00	175.86	0	0	0	341	0	0	0	4823	713	0	0	0	0	4100	
118+00		11800.00	143.51	0	0	0	296	0	0	0	5119	713	0	0	0	0	4413	
118+50		11850.00	120.78	0	0	0	245	0	0	0	5364	713	0	0	0	0	4658	
119+00		11900.00	100.07	0	0	0	204	0	0	0	5568	713	0	0	0	0	4862	
119+50		11950.00	88.81	0	0	0	175	0	0	0	5743	713	0	0	0	0	5035	
120+00		12000.00	79.08	0	0	0	155	0	0	0	5898	713	0	0	0	0	5190	
120+50		12050.00	61.54	0	0	0	130	0	0	0	6028	713	0	0	0	0	5320	
121+00		12100.00	30.26	0	0	0	85	0	0	0	6113	713	0	0	0	0	5395	
121+50		12150.00	31.95	0	0	0	58	0	0	0	6171	713	0	0	0	0	5453	
122+00		12200.00	20.33	0	0	0	48	0	0	0	6219	713	0	0	0	0	5501	
122+50		12250.00	19.08	0	0	0	36	0	0	0	6255	713	0	0	0	0	5537	
123+00		12300.00	13.29	0	0	0	30	0	0	0	6285	713	0	0	0	0	5567	
123+50		12350.00	8.95	39.34	0	0	21	36	0	0	6306	749	0	0	0	0	5581	
124+00		12400.00	8.85	167.94	0	0	16	192	0	0	6322	941	0	0	0	0	5376	
124+50		12450.00	9.44	178.69	0	0	17	321	0	0	6339	1262	0	0	0	0	5072	
124+85	BK	12484.85	9.20	195.23	0	0	12	242	0	0	6346	1504	0	0	0	0	4842	
			COLUMN TOTALS															
			6346	1504	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Addendum No. 01
ID 1007-10-86
Revised Sheet 690
February 22, 2017

Addendum No. 01
 ID 1007-10-86
 Revised Sheet 691
 February 22, 2017

PROJECT ID 1007-10-86
 DIVISION 1 - NB TEMPORARY EXIT RAMP CONNECTION 'TCA'

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate										
			Cut	Excavation Marsh (In Cross Sections)	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill	Marsh	Rock											
95+09 AH	9509.03	0.00	32.23	0	0	0	0	0	0	0	0	0	0	0	0										
95+25	9525	15.97	30.77	0	0	0	19	0	0	0	19	0	0	0	19										
95+50	9550	25.00	25.29	0	0	0	26	0	0	0	45	0	0	0	45										
95+75	9575	25.00	21.31	0	0	0	22	0	0	0	66	0	0	0	66										
96+00	9600	25.00	21.65	0.53	0	0	20	0	0	0	86	0	0	0	86										
96+25	9625	25.00	21.90	0	0	0	20	2	0	0	106	3	0	0	103										
96+50	9650	25.00	21.99	17.52	0	0	20	10	0	0	127	13	0	0	113										
96+75	9675	25.00	22.75	41.32	0	0	21	27	0	0	147	40	0	0	107										
97+00	9700	25.00	8.71	93.89	0	0	15	63	0	0	162	103	0	0	59										
97+25	9725	25.00	2.57	159.03	0	0	5	117	0	0	167	220	0	0	-53										
97+50	9750	25.00	0.00	219.38	0	0	1	175	0	0	168	394	0	0	-226										
97+75	9775	25.00	0.00	386.36	0	0	0	324	0	0	168	639	0	0	-461										
98+00	9800	25.00	0.00	365.36	0	0	0	302	0	0	168	931	0	0	-763										
98+25	9825	25.00	0.00	369.49	0	0	0	340	0	0	168	1271	0	0	-1103										
98+50	9850	25.00	0.00	423.61	0	0	0	367	0	0	168	1628	0	0	-1470										
98+75	9875	25.00	0.00	498.39	0	0	0	427	0	0	168	2055	0	0	-1897										
99+00	9900	25.00	0.00	596.94	0	0	0	507	0	0	168	2572	0	0	-2404										
99+25	9925	25.00	0.00	637.15	0	0	0	571	0	0	168	3143	0	0	-2975										
99+50	9950	25.00	0.00	463.52	0	0	0	510	0	0	168	3653	0	0	-3485										
99+75	9975	25.00	56.20	0	0	0	26	215	0	0	194	3868	0	0	-3673										
99+85 BK	9985	10.00	208.83	0	0	0	49	0	0	0	243	3868	0	0	-3624										
COLUMN TOTALS													243	3868	0	0									

PROJECT ID 1007-10-86
 DIVISION 1 - NB TEMPORARY ENTRANCE RAMP CONNECTION 'TCA'

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate										
			Cut	Excavation Marsh (In Cross Sections)	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill	Marsh	Rock											
100+43 AH	10043.06	0.00	61.29	47.18	0	0	0	0	0	0	0	0	0	0	0										
100+50	10050	6.89	38.57	127.31	0	0	13	22	0	0	13	22	0	0	-10										
100+75	10075	25.00	0.00	744.52	0	0	18	404	0	0	31	426	0	0	-395										
101+00	10100	25.00	0.00	862.64	0	0	0	744	0	0	31	1170	0	0	-1139										
101+25	10125	25.00	0.00	847.97	0	0	0	792	0	0	31	1962	0	0	-1931										
101+50	10150	25.00	0.00	784.43	0	0	0	756	0	0	31	2718	0	0	-2687										
101+75	10175	25.00	0.00	697.31	0	0	0	686	0	0	31	3404	0	0	-3373										
102+00	10200	25.00	0.00	581.61	0	0	0	592	0	0	31	3996	0	0	-3965										
102+25	10225	25.00	0.00	458.84	0	0	0	482	0	0	31	4477	0	0	-4447										
102+50	10250	25.00	0.00	312.08	0	0	0	357	0	0	31	4834	0	0	-4804										
102+75	10275	25.00	9.70	197	0	0	4	236	0	0	35	5070	0	0	-5035										
103+00	10300	25.00	27.98	112.15	0	0	17	143	0	0	53	5213	0	0	-5161										
103+25	10325	25.00	24.50	59.32	0	0	24	79	0	0	77	5293	0	0	-5246										
103+50	10350	25.00	21.44	24.94	0	0	21	39	0	0	98	5332	0	0	-5233										
103+75	10375	25.00	22.13	3.51	0	0	20	13	0	0	118	5345	0	0	-5226										
104+00	10400	25.00	24.09	0	0	0	21	2	0	0	140	5346	0	0	-5207										
104+25	10425	25.00	26.57	0	0	0	23	0	0	0	163	5346	0	0	-5183										
104+54 BK	10453.94	28.94	29.21	0	0	0	30	0	0	0	193	5346	0	0	-5153										
COLUMN TOTALS													193	5346	0	0									

PROJECT ID: 1007-10-86
DIVISION 1 - IH 39 SB 'ISS'

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate		
			Cut	Excavation	Marsh	Excavation	Rock	Cut	Fill	Marsh	Cut		Fill	Marsh
1308+26 AH	130826.12	0.00	226.18	0.56	0	123.13	0	0	0	0	0	0	0	0
1308+50	130850	23.88	280.65	3.72	0	178.67	224	2	0	0	224	2	0	133
1309+00	130900	50.00	428.78	2.15	0	149.2	657	5	0	0	881	7	0	437
1309+50	130950	50.00	412.53	3.15	0	147.89	779	5	0	0	1660	12	0	874
1310+00	131000	50.00	479.03	4.71	0	258.6	826	7	0	0	2486	20	0	1648
1310+50	131050	50.00	489.89	6.29	0	134.3	897	10	0	0	3383	30	0	2466
1311+00	131100	50.00	401.97	7.96	0	134.06	826	13	0	0	4208	43	0	3353
1311+50	131150	50.00	257.60	12.27	0	173.03	611	19	0	0	4819	62	0	4166
1312+00	131200	50.00	294.72	14.41	0	64.59	511	25	0	0	5331	86	0	4758
1312+50	131250	50.00	270.84	14.48	0	88.62	524	27	0	0	5854	113	0	5244
1313+00	131300	50.00	370.22	13.6	0	102.01	594	26	0	0	6448	139	0	5741
1313+50	131350	50.00	623.29	13.74	0	136.09	920	25	0	0	7368	164	0	6309
1314+00	131400	50.00	974.15	12.57	0	57.75	1479	24	0	0	8847	189	0	7244
1314+50	131450	50.00	969.96	10.29	0	11.86	1819	21	0	0	10665	210	0	8658
1315+00	131500	50.00	862.21	11.17	0	1.53	1715	20	0	12	12380	230	0	10465
1315+50	131550	50.00	695.86	11.07	0	20.91	1443	21	0	0	13823	251	0	12151
1316+00	131600	50.00	573.49	11.35	0	0	1175	22	0	0	14988	273	0	13572
1316+50	131650	50.00	502.58	13.35	0	0	986	23	0	0	15985	296	0	14726
1317+00	131700	50.00	373.49	14.78	0	0	811	26	0	0	16866	322	0	16099
1317+50	131750	50.00	271.29	22.45	0	0	597	34	0	0	17403	356	0	17047
1318+00	131800	50.00	176.40	33.05	0	0	415	51	0	0	17818	408	0	17410
1318+50	131850	50.00	67.75	59.93	0	0	226	86	0	0	18044	494	0	17590
1319+00	131900	50.00	49.29	108.3	0	0	108	156	0	0	18152	649	0	17502
1319+50	131950	50.00	176.35	121.92	0	0	209	213	0	0	18361	863	0	17498
1320+00	132000	50.00	85.86	196.77	0	0	243	295	0	0	18604	1158	0	17446
1320+50	132050	50.00	73.24	283.53	0	0	147	445	0	0	18751	1602	0	17419
1321+00	132100	50.00	48.79	417.72	0	0	113	649	0	0	18864	2252	0	16612
1321+50	132150	50.00	46.75	550.04	0	0	88	896	0	0	18952	3148	0	15805
1322+00	132200	50.00	45.15	695.28	0	0	85	1153	0	0	19038	4301	0	13450
1322+50	132250	50.00	44.34	783.97	0	0	83	1370	0	0	19120	5671	0	10280
1323+00	132300	50.00	44.13	784.32	0	0	82	1452	0	0	19202	7123	0	11769
1323+23	132322.655	22.64	22.52	22.31	0	0	28	338	0	0	19220	7461	0	11766
1323+50	132350	27.36	22.20	22.6	0	0	23	23	0	0	19253	7566	0	11765
1324+00	132400	50.00	20.35	24.02	0	0	39	43	0	0	19292	7527	0	11780
1324+50	132450	50.00	20.88	17.94	0	0	38	39	0	0	19330	7566	0	11844
1325+00	132500	50.00	20.51	6.86	0	0	38	23	0	0	19369	7589	0	11880
1325+50	132550	50.00	20.67	2.4	0	0	38	9	0	0	19407	7597	0	11844
1326+00	132600	50.00	20.01	1.55	0	0	38	4	0	0	19445	7601	0	11880
1326+50	132650	50.00	21.15	0.34	0	0	38	2	0	0	19483	7603	0	11820
1327+00	132700	50.00	22.51	0.18	0	0	40	0	0	0	19523	7603	0	11859
1327+50	132750	50.00	40.96	21.03	0	0	59	20	0	0	19562	7623	0	12036
1328+00	132800	50.00	41.52	19.45	0	0	77	37	0	0	19609	7658	0	12068
1328+50	132850	50.00	40.24	21.92	0	0	76	38	0	0	19659	7741	0	12099
1329+00	132900	50.00	39.73	23.66	0	0	74	42	0	0	19684	7773	0	12149
1329+37	132937.316	37.32	40.10	23.75	0	0	55	33	0	0	19683	7784	0	12223
1329+50	132950	12.68	42.98	23.07	0	0	20	11	0	0	19978	7828	0	12315
1330+00	133000	50.00	59.10	24.47	0	0	95	44	0	0	20092	7869	0	12427
1330+50	133050	50.00	63.95	19.15	0	0	114	40	0	0	20214	7899	0	12567
1331+00	133100	50.00	68.38	13.86	0	0	123	31	0	0	20348	7921	0	12882
1331+50	133150	50.00	76.41	9.46	0	0	134	22	0	0	20500	7947	0	13086
1332+00	133200	50.00	87.08	3.75	0	0	151	12	0	0	20661	7958	0	13328
1332+50	133250	50.00	87.00	11.43	0	0	161	14	0	0	20840	7958	0	13533
1333+00	133300	50.00	106.59	0	0	0	179	11	0	0	21044	7958	0	13693
1333+50	133350	50.00	113.24	0	0	0	204	0	0	0	21490	7958	0	13922
1334+00	133400	50.00	126.96	0	0	0	222	0	0	0	21771	7979	0	13877
1334+50	133450	50.00	115.36	0	0	0	165	5	0	0	21883	8006	0	14013
1335+00	133500	50.00	63.24	5.53	0	0	116	16	0	0	21991	8041	0	14069
1335+50	133550	50.00	61.59	11.93	0	0	112	27	0	0	22096	8084	0	14118
1336+00	133600	50.00	59.11	16.9	0	0	108	35	0	0	22200	8132	0	14163
1336+50	133650	50.00	57.23	21.34	0	0	106	42	0	0	22302	8184	0	14163
1337+00	133700	50.00	56.72	24.51	0	0	104	48	0	0	22402	8239	0	14163
1337+50	133750	50.00	55.44	27.3	0	0	102	52	0	0	22402	8239	0	14163
1338+00	133800	50.00	54.22	29.27	0	0	100	55	0	0	22402	8239	0	14163
1338+50	133850	50.00	54.21	30.44	0	0	100	55	0	0	22402	8239	0	14163

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COUNTY: DANE

COMPUTER EARTHWORK DATA

SHEET 693

WISDOT/CADD/SHEET 49

PROJECT NO: 1007-10-86

FILE NAME: P:\NEVD\DMEL\13189\CV\11_30\10071001\Sheets\10071001\086\SEC 09 Computer Earthwork Data\090000.ev.dwg

HWY: IH 39

PLOT BY: SEH INC

LAYOUT NAME: 0901T.EW

PLOT SCALE: NIS

PROJECT ID: 1007-10-86
 DIVISION 3 - M.39 RB.XMB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Cut	Fill	
875+25 AH	87525.45	0.00	0	0	0	0	0	0	0
875+50	87550	24.55	0	0	45	0	45	0	45
876+00	87600	50.00	0	0	103	0	148	0	148
876+50	87650	50.00	0.45	0	90	0	239	0	239
877+00	87700	50.00	2.72	0	95	3	334	0	330
877+50 BK	87750	50.00	6.59	0	103	9	437	12	425
881+00 AH	88100	0.00	0	0	0	0	437	12	425
881+50	88150	50.00	38.84	0	62	1	498	13	486
882+00	88200	50.00	54.73	0	87	1	585	13	572
882+50	88250	50.00	20.41	0	70	0	655	13	642
883+00	88300	50.00	51.72	0	67	0	721	13	708
883+50	88350	50.00	57.17	0	101	0	822	13	809
884+00	88400	50.00	62.56	0	111	0	933	13	920
884+50	88450	50.00	64.17	0	117	0	1050	13	1037
885+00	88500	50.00	64.51	0	119	0	1170	13	1157
885+50	88550	50.00	63.50	0	118	0	1287	13	1274
886+00	88600	50.00	61.31	0	115	0	1402	13	1389
886+50	88650	50.00	53.52	0	105	0	1507	13	1494
887+00	88700	50.00	47.85	0	93	0	1600	13	1587
887+50	88750	50.00	47.07	0	88	0	1688	13	1675
888+00	88800	50.00	45.67	0	86	0	1774	13	1761
888+50	88850	50.00	28.26	0	70	0	1844	13	1831
889+00	88900	50.00	23.70	0	49	5	1893	18	1875
889+50	88950	50.00	5.29	0	8	2	1901	20	1880
890+00	89000	50.00	0.25	0	47	7	1948	27	1921
890+50	89050	50.00	51.98	0	84	0	2032	27	2005
891+00	89100	50.00	61.44	0	105	0	2137	27	2110
891+50	89150	50.00	69.98	0	122	0	2259	27	2231
892+00	89200	50.00	73.81	0	133	0	2392	27	2365
892+50	89250	50.00	82.45	0	145	0	2536	27	2509
893+00	89300	50.00	173.34	0	237	0	2773	27	2746
893+50	89350	50.00	188.13	0	335	0	3108	27	3081
894+00	89400	50.00	161.64	0	324	0	3432	27	3405
894+50	89450	50.00	67.22	0	212	0	3644	27	3617
894+85	89484.974	34.97	18.31	0	107	17	3751	44	3706
895+00	89500	15.03	58.06	0	52	49	3803	94	3709
895+50	89550	50.00	4.7	0	16	17	3819	111	3707
896+00	89600	50.00	38.20	0	57	4	3875	116	3760
896+50	89650	50.00	46.78	0	79	0	3954	116	3839
897+00	89700	50.00	41.34	0	82	0	4036	116	3920
897+50 BK	89750	50.00	33.84	0	63	0	4106	116	3990
905+75 AH	90575	0.00	2.02	0	0	0	4169	116	4053
906+00	90600	25.00	2.41	0	2	0	4171	116	4055
906+50	90650	50.00	2.68	0	5	0	4176	116	4059
907+00	90700	50.00	2.86	0	3	0	4183	116	4065
907+25 BK	90725	25.00	3.01	0	0	0	4183	116	4067
908+50 AH	90850	0.00	7.94	2	15	3	4199	119	4079
910+00	91000	50.00	8.77	1.56	16	3	4215	122	4093
910+50	91050	50.00	8.51	1.18	16	3	4231	124	4106
911+00	91100	50.00	8.57	1.35	16	2	4246	127	4119
911+50	91150	50.00	8.12	1.2	15	2	4261	129	4132
912+00	91200	50.00	7.84	0.96	15	2	4276	131	4145
912+50	91250	50.00	8.06	1.27	15	2	4290	133	4158
913+00	91300	50.00	7.83	0.6	14	2	4304	134	4170
913+50	91350	50.00	7.31	1.14	13	2	4317	136	4181
914+00	91400	50.00	6.24	1.31	9	2	4328	137	4189
914+11	91410.742	10.74	1.65	0.88	2	1	4339	140	4198
914+50	91450	39.26	5.80	0.85	11	2	4350	141	4208
915+00	91500	50.00	5.83	0.85	11	1	4360	142	4219
915+50	91550	50.00	5.83	0.18	11	0	4371	142	4230
916+00	91600	50.00	5.83	0.04	11	0	4382	142	4240
916+50	91650	50.00	5.83	0	11	0	4392	142	4251
917+00	91700	50.00	5.80	0	10	0	4392	142	4251
917+50	91750	50.00	5.36	0	10	0	4392	142	4251

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Addendum No. 01
 ID 1007-10-86
 Revised Sheet 695
 February 22, 2017

PROJECT NO: 1007-10-86
 COUNTY: DANE
 HWY: IH 39

PROJECT NO: 1007-10-86
 COUNTY: DANE
 HWY: IH 39

FILE NAME: P:\MSUD\MEL\119189\CV\11 30\10071001\Sheets\10071006\SEC 09 Computer Earthwork Data\090200.ev.dwg

DATE: 2/29/2017 12:54 PM
 PLOT BY: SEH INC
 COMPUTER EARTHWORK DATA

LAYOUT NAME: 090109.EW
 PLOT SCALE: NIS

SHEET 695

WISDOT/CADD/ SHEET 49

Addendum No. 01
 ID 1007-10-86
 Revised Sheet 696
 February 22, 2017

PROJECT ID 1007-10-86
 DIVISION 1 - IH 39 NB 'X'NB'

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate			
			Cut	Excavation	Marsh	Excavation	Cut	Fill	Marsh	Cut	Fill	Marsh		Rock		
918+00	91800	50.00	4.91	0	0	0	0	0	0	4402	142	0	0	4260		
918+50	91850	50.00	4.44	0	0	0	0	0	0	4369	142	0	0	4328		
919+00	91900	50.00	4.00	0	0	0	0	0	0	4377	142	0	0	4335		
919+45 BK	91944.77	44.77	4.00	0	0	0	0	0	0	4384	142	0	0	4342		
920+00	92000	50.00	30.15	0	0	0	0	0	0	4384	142	0	0	4242		
920+70 AH	92070	0.00	30.76	0	0	0	0	0	0	4417	142	0	0	4276		
921+00	92100	50.00	29.80	0	0	0	0	0	0	4474	142	0	0	4332		
921+50	92150	50.00	29.80	0	0	0	0	0	0	4529	142	0	0	4387		
922+00	92200	50.00	30.07	0	0	0	0	0	0	4586	142	0	0	4444		
922+50	92250	50.00	31.52	0	0	0	0	0	0	4642	142	0	0	4501		
923+00	92300	50.00	29.21	0	0	0	0	0	0	4696	142	0	0	4555		
923+50	92350	50.00	28.74	0	0	0	0	0	0	4750	142	0	0	4608		
924+00	92400	50.00	28.74	0	0	0	0	0	0	4804	142	0	0	4662		
924+50	92450	50.00	29.30	0	0	0	0	0	0	4855	142	0	0	4714		
925+00	92500	50.00	26.28	0	0	0	0	0	0	4905	142	0	0	4764		
925+50	92550	50.00	27.64	0	0	0	0	0	0	4957	142	0	0	4816		
926+00	92600	50.00	28.71	0	0	0	0	0	0	5012	142	0	0	4871		
926+50	92650	50.00	30.56	0	0	0	0	0	0	5068	142	0	0	4926		
927+00	92700	50.00	29.29	0	0	0	0	0	0	5122	142	0	0	4980		
927+50	92750	50.00	29.52	0	0	0	0	0	0	5177	142	0	0	5035		
928+00	92800	50.00	29.69	0	0	0	0	0	0	5230	142	0	0	5089		
928+50	92850	50.00	28.05	0	0	0	0	0	0	5282	142	0	0	5141		
929+00	92900	50.00	27.94	0	0	0	0	0	0	5336	142	0	0	5195		
929+50	92950	50.00	30.44	0	0	0	0	0	0	5377	142	0	0	5225		
930+00	93000	50.00	13.63	0	0	0	0	0	0	5402	142	0	0	5261		
930+50	93050	50.00	13.51	0	0	0	0	0	0	5427	142	0	0	5286		
931+00	93100	50.00	13.47	0	0	0	0	0	0	5452	142	0	0	5310		
931+50	93150.04	50.04	13.38	0	0	0	0	0	0	5477	142	0	0	5335		
932+00	93200	49.96	13.72	0	0	0	0	0	0	5502	142	0	0	5361		
932+50	93250	50.00	13.71	0	0	0	0	0	0	5528	142	0	0	5386		
933+00	93300	50.00	13.81	0	0	0	0	0	0	5562	142	0	0	5420		
933+50	93350	50.00	22.51	0	0	0	0	0	0	5602	142	0	0	5461		
934+00	93400	50.00	21.60	0	0	0	0	0	0	5644	142	0	0	5502		
934+50	93450	50.00	22.79	0	0	0	0	0	0	5686	142	0	0	5544		
935+00	93500	50.00	22.91	0	0	0	0	0	0	5728	142	0	0	5586		
935+50	93550	50.00	22.51	0	0	0	0	0	0	5769	142	0	0	5628		
936+00	93600	50.00	22.30	0	0	0	0	0	0	5811	142	0	0	5670		
936+50	93650	50.00	23.16	0	0	0	0	0	0	5854	142	0	0	5713		
937+00	93700	50.00	23.13	0	0	0	0	0	0	5897	142	0	0	5755		
937+50	93750	50.00	22.86	0	0	0	0	0	0	5940	142	0	0	5799		
938+00	93800	50.00	23.96	0	0	0	0	0	0	5985	142	0	0	5843		
938+50	93850	50.00	24.37	0	0	0	0	0	0	6030	142	0	0	5889		
939+00	93900	50.00	24.35	0	0	0	0	0	0	6076	142	0	0	5934		
939+50	93950	50.00	24.70	0	0	0	0	0	0	6123	142	0	0	5982		
940+00	94000	50.00	26.99	0	0	0	0	0	0	6174	142	0	0	6032		
940+50	94050	50.00	27.30	0	0	0	0	0	0	6225	142	0	0	6083		
941+00	94100	50.00	27.73	0	0	0	0	0	0	6275	142	0	0	6134		
941+50	94150	50.00	26.96	0	0	0	0	0	0	6326	142	0	0	6185		
942+00	94200	50.00	28.29	0	0	0	0	0	0	6378	142	0	0	6236		
942+50	94250	50.00	27.49	0	0	0	0	0	0	6430	142	0	0	6288		
943+00	94300	50.00	28.23	0	0	0	0	0	0	6484	142	0	0	6342		
943+50	94350	50.00	30.41	0	0	0	0	0	0	6541	142	0	0	6399		
944+00	94400	50.00	31.22	0	0	0	0	0	0	6599	142	0	0	6458		
944+50	94450	50.00	31.52	0	0	0	0	0	0	6656	142	0	0	6515		
945+00	94500	50.00	30.20	0	0	0	0	0	0	6689	142	0	0	6548		
945+30 BK	94530	30.00	29.38	0	0	0	0	0	0	6731	142	0	0	6548		
COLUMN TOTALS													6731	142	0	0

COUNTY: DANE COMPUTER EARTHWORK DATA

PROJECT NO: 1007-10-86

HWY: IH 39

LAYOUT NAME : 09020.EW

PLOT BY : SEH INC

PLOT SCALE : NIS

SHEET 696

WISDOT/CADD SHEET 49

Addendum No. 01
ID 1007-10-86
Revised Sheet 697
February 22, 2017

PROJECT ID 1007-10-86
DIVISION 1 - NB EXIT INTERIM RAMP 'NET'

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate	
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh
878+00 AH	87800	0.00	29.26	36.89	0	0	0	0	0	0	0	0	0
878+50	87850	50.00	34.13	80.71	0	0	0	59	109	0	0	59	109
879+00	87900	50.00	37.11	69.8	0	0	0	66	139	0	0	125	246
879+50	87950	50.00	40.68	118.92	0	0	0	72	175	0	0	197	423
880+00	88000	50.00	104.04	133.88	0	0	0	134	234	0	0	331	657
880+17	88017.31	17.31	105.12	250.86	0	0	0	67	123	0	0	398	780
880+50 BK	88050	32.69	69.63	120.19	0	0	0	106	225	0	0	505	1005
COLUMN TOTALS			505	1005	0	0	0	505	1005	0	0	505	1005

PROJECT ID 1007-10-86
DIVISION 1 - NB ENTRANCE INTERIM RAMP 'NAT'

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate	
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh
904+00 AH	90400.315	0.00	320.28	34.76	0	0	0	0	0	0	0	0	0
904+50	90450	49.68	220.67	29.81	0	0	0	498	59	0	0	498	59
905+00	90500	50.00	149.91	35.17	0	0	0	343	60	0	0	841	120
905+50	90550	50.00	73.44	28.35	0	0	0	207	59	0	0	1048	178
906+00	90600	50.00	23.59	19.2	0	0	0	90	44	0	0	1138	222
906+50	90650	50.00	12.01	18.98	0	0	0	33	35	0	0	1170	258
907+00	90700	50.00	24.24	22.28	0	0	0	34	38	0	0	1204	296
907+50	90750	50.00	56.94	12.91	0	0	0	77	33	0	0	1281	329
908+00	90800	50.00	51.13	15.12	0	0	0	102	26	0	0	1383	355
908+50	90850	50.00	44.34	21.78	0	0	0	88	34	0	0	1471	389
909+00 BK	90900	50.00	41.67	30.47	0	0	0	80	48	0	0	1551	437
COLUMN TOTALS			1551	437	0	0	0	1551	437	0	0	1551	437

Addendum No. 01
ID 1007-10-86
Revised Sheet 698
February 22, 2017

PROJECT ID 1007-10-86
DIVISION I - SB EXIT INTERIM RAMP -INDT.

STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
			Cut	Excavation	Marsh	Excavation	Cut	Fill	Marsh	Rock	Cut	Fill	Marsh	Rock	
			(In Cross Sections)	(In Cross Sections)	(In Cross Sections)	(In Cross Sections)									
1358+00 AH	135800	0.00	0.00	489.91	0	0	0	0	0	0	0	0	0	0	0
1358+50	135850	50.00	0.00	480.39	0	0	898	0	0	0	898	0	0	0	-898
1359+00	135900	50.00	0.00	453.94	0	0	865	0	0	0	1764	0	0	0	-1764
1359+50	135950	50.00	0.00	447.26	0	0	0	634	0	0	2398	0	0	0	-2398
1360+00	136000	50.00	0.00	404.23	0	0	0	788	0	0	3386	0	0	0	-3386
1360+50	136050	50.00	2.22	375.62	0	0	2	722	0	0	4108	0	0	2	-4108
1361+00 BK	136100	50.00	10.00	364.46	0	0	11	685	0	0	4794	0	0	13	-4780
COLUMN TOTALS			13	4794	0	0	0	0	0	0	0	0	0	0	0

PROJECT ID 1007-10-86
DIVISION I - SB ENTRANCE INTERIM RAMP -NCT

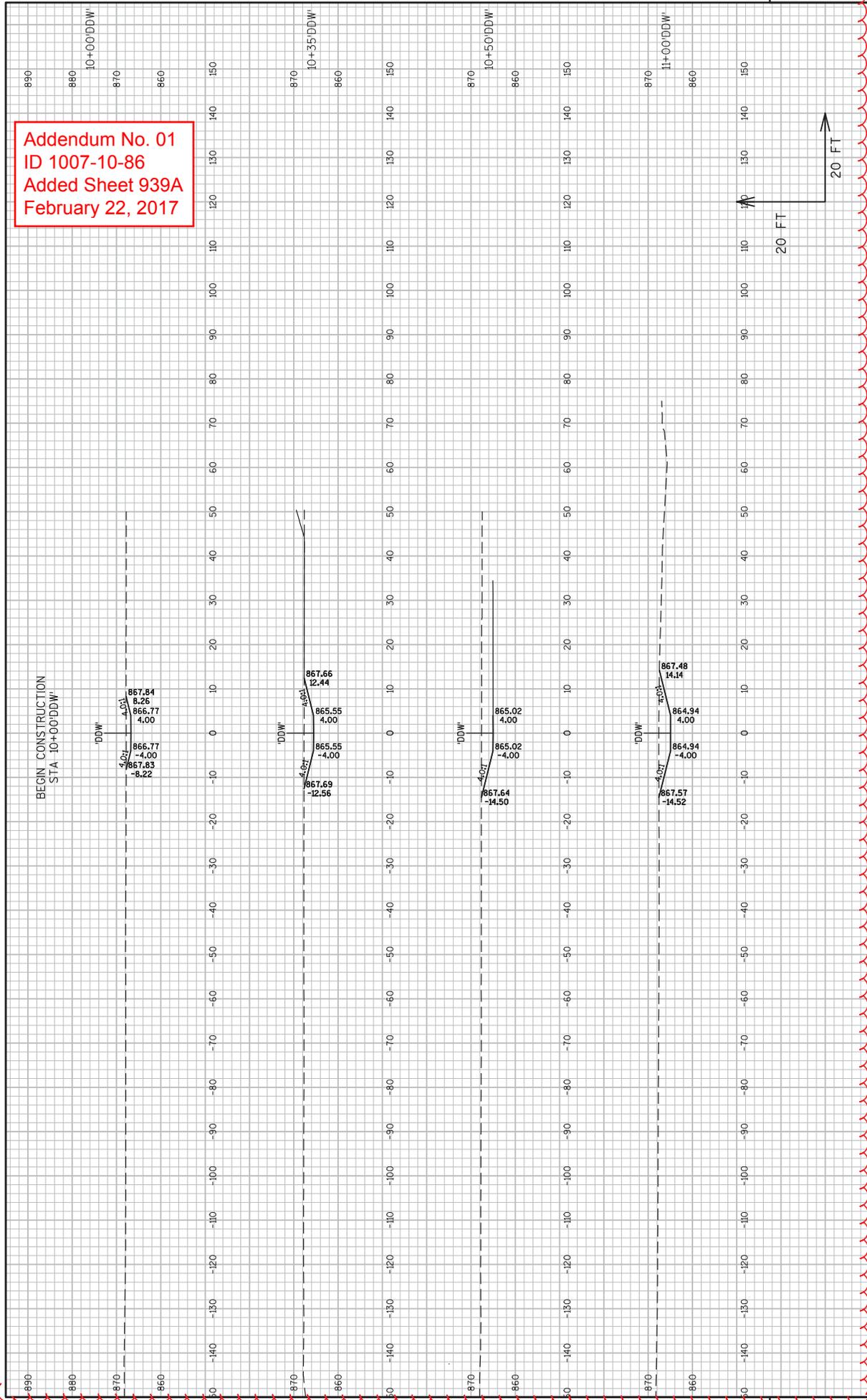
STATION	Real Station	Distance	AREA (SF)				Incremental Vol (CY) (Unadjusted)				Cumulative Vol (CY)				Mass Ordinate
			Cut	Excavation	Marsh	Excavation	Cut	Fill	Marsh	Rock	Cut	Fill	Marsh	Rock	
			(In Cross Sections)	(In Cross Sections)	(In Cross Sections)	(In Cross Sections)									
1323+50 AH	132350	0.00	19.81	623.21	0	0	0	0	0	0	0	0	0	0	0
1324+00	132400	50.00	29.96	558.78	0	0	46	1094	0	0	1094	0	0	46	-1048
1324+50	132450	50.00	48.09	535.43	0	0	72	1013	0	0	2108	0	0	118	-1989
1325+00	132500	50.00	55.08	492.01	0	0	96	951	0	0	214	3059	0	0	-2845
1325+50	132550	50.00	73.07	487.71	0	0	119	907	0	0	333	3966	0	0	-3634
1326+00	132600	50.00	98.98	485.14	0	0	159	901	0	0	492	4867	0	0	-4375
1326+50	132650	50.00	95.11	500.06	0	0	180	912	0	0	672	5779	0	0	-5108
1327+00	132700	50.00	43.14	517.36	0	0	128	942	0	0	800	6721	0	0	-6820
1327+50	132750	50.00	23.16	519.66	0	0	61	960	0	0	861	7661	0	0	-7715
1328+00	132800	50.00	34.84	504.59	0	0	54	948	0	0	915	8630	0	0	-8518
1328+50	132850	50.00	71.20	468.51	0	0	98	901	0	0	1013	9531	0	0	-9263
1329+00	132900	50.00	80.72	487.67	0	0	141	885	0	0	1273	11355	0	0	-10082
1329+50	132950	50.00	47.87	526.05	0	0	119	939	0	0	1352	12341	0	0	-10989
1330+00	133000	50.00	37.86	538.69	0	0	79	986	0	0	1505	13347	0	0	-11923
1330+50	133050	50.00	39.26	547.82	0	0	82	1030	0	0	1505	14377	0	0	-12872
1331+00	133100	50.00	48.84	564.94	0	0	133	1085	0	0	1638	15462	0	0	-13824
1331+50	133150	50.00	95.31	607.06	0	0	100	589	0	0	1738	16051	0	0	-14313
1331+77 BK	133176.55	26.55	107.54	591.61	0	0	1738	16051	0	0	1738	16051	0	0	-14313
COLUMN TOTALS			1738	16051	0	0	0	0	0	0	0	0	0	0	0

Addendum No. 01
ID 1007-10-86
Added Sheet 698A
February 22, 2017

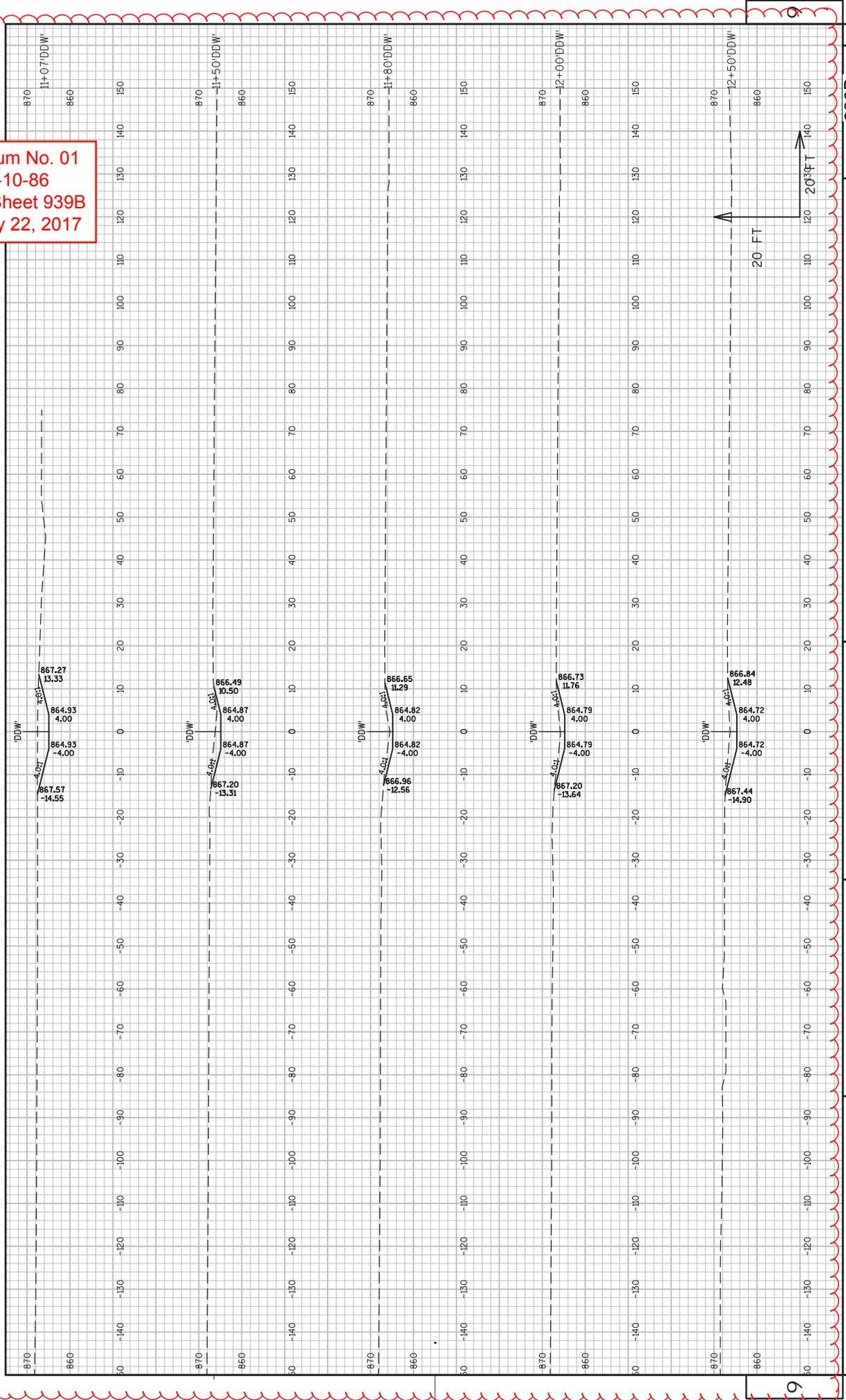
PROJECT ID 1007-10-86
DIVISION 1 - PROPOSED DRAINAGE DITCH TDOW

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate	
			Cut	Excavation Marsh (In Cross Sections)	Excavation Rock (In Cross Sections)	Cut	Fill	Marsh	Rock	Cut	Fill		Marsh
10+00 AH	1000.00	0.00	13.01	0	0	0	0	0	0	0	0	0	0
10+35	1034.88	34.88	35.12	0	0	0	31	0	0	0	0	31	0
10+50	1050.00	15.12	34.47	0	0	0	19	0	0	0	0	51	0
11+00	1100.00	50.00	48.63	0	0	0	77	0	0	0	0	128	0
11+07	1107.50	7.50	47.19	0	0	0	13	0	0	0	0	141	0
11+50	1150.00	42.50	22.27	0	0	0	55	0	0	0	0	195	0
11+80	1180.12	30.12	19.54	0	0	0	23	0	0	0	0	219	0
12+00	1200.00	19.88	22.47	0	0	0	15	0	0	0	0	234	0
12+50	1250.00	50.00	32.38	0	0	0	61	0	0	0	0	285	0
13+00	1300.00	50.00	33.10	0	0	0	62	0	0	0	0	346	0
13+50	1350.00	50.00	34.24	0	0	0	70	0	0	0	0	408	0
14+00	1400.00	50.00	41.27	0	0	0	92	0	0	0	0	478	0
14+50	1450.00	50.00	57.71	0	0	0	5	0	0	0	0	575	0
14+52	1452.04	2.04	58.65	0	0	0	102	0	0	0	0	677	0
15+00	1500.00	47.56	57.09	0	0	0	36	0	0	0	0	713	0
15+18	1517.50	17.50	53.44	0	0	0	47	0	0	0	0	760	0
15+50	1550.00	32.50	24.82	0	0	0	30	0	0	0	0	790	0
15+83	1582.56	32.56	25.52	0	0	0	16	0	0	0	0	806	0
16+00	1600.00	17.44	24.31	0	0	0	39	0	0	0	0	846	0
16+50	1650.00	50.00	18.27	0	0	0	32	0	0	0	0	877	0
17+00	1700.00	50.00	15.95	0	0	0	25	0	0	0	0	902	0
17+50	1750.00	50.00	10.97	0	0	0	20	0	0	0	0	923	0
18+00	1800.00	50.00	10.94	0	0	0	19	0	0	0	0	941	0
18+50	1850.00	50.00	9.17	0	0	0	13	0	0	0	0	954	0
19+00	1900.00	50.00	5.22	0	0	0	4	0	0	0	0	959	0
19+25 BK	1925.00	25.00	3.63	0	0	0							
COLUMN TOTALS			959	0	0	0	959	0	0	0	0	0	0

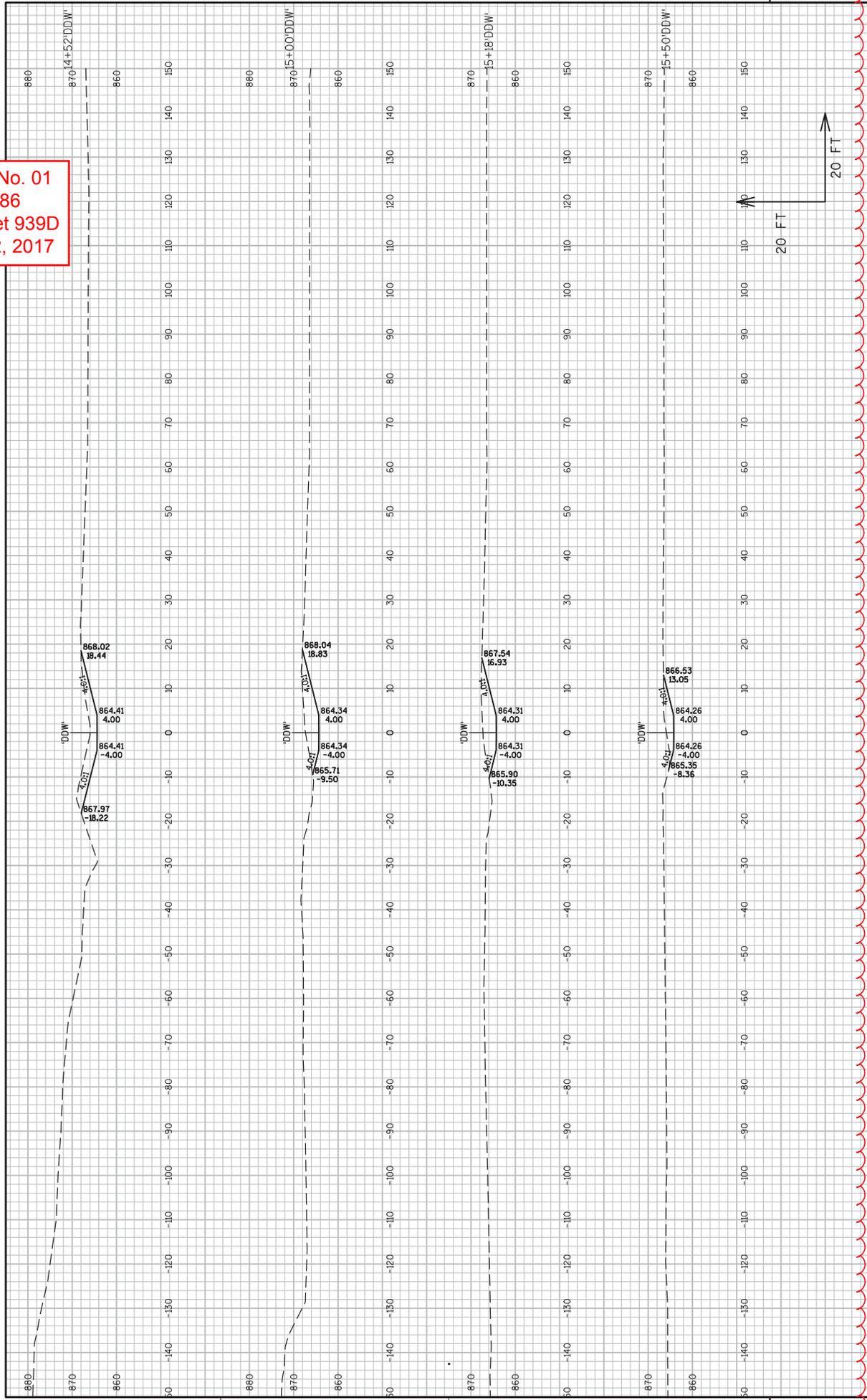
Addendum No. 01
 ID 1007-10-86
 Added Sheet 939A
 February 22, 2017



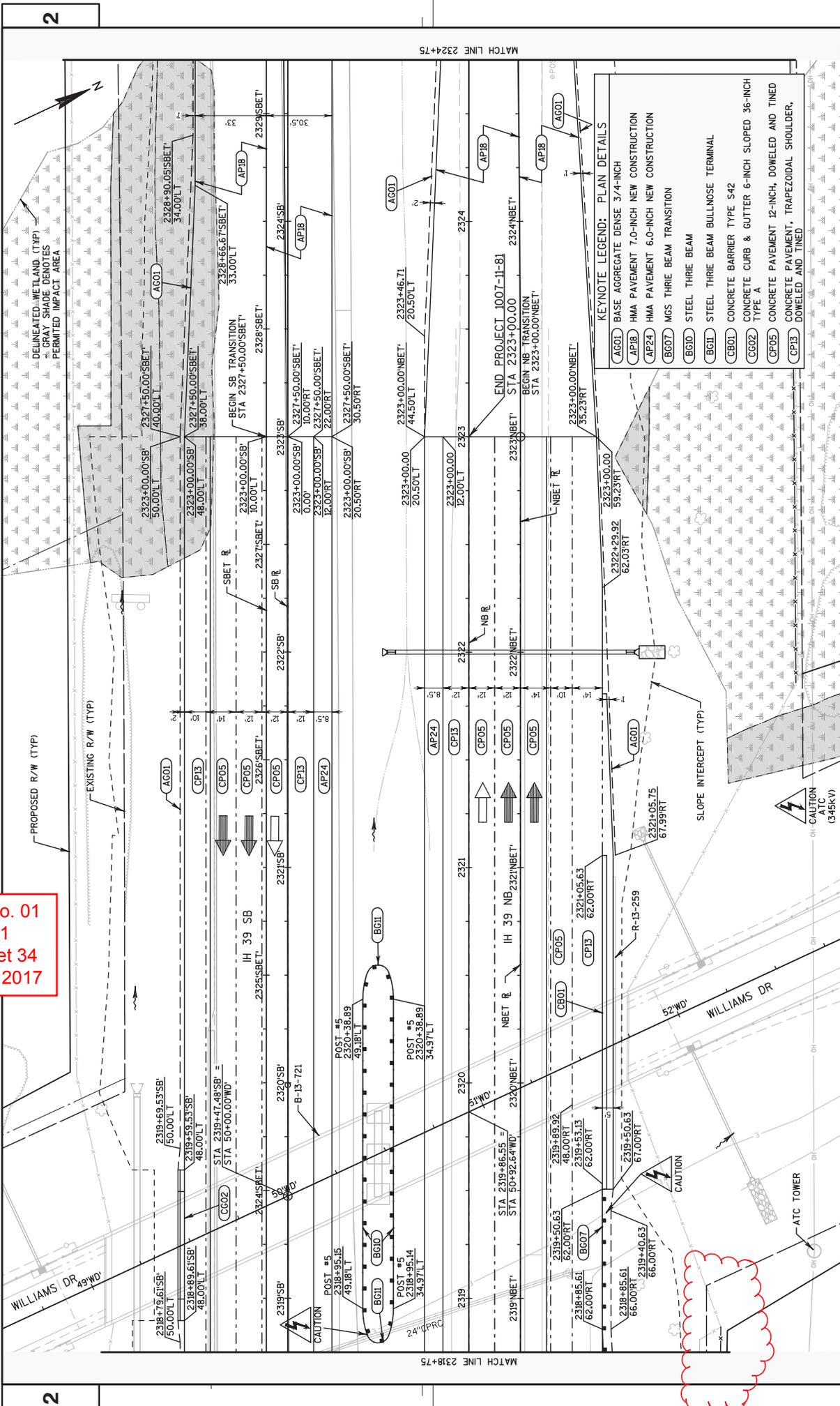
Addendum No. 01
 ID 1007-10-86
 Added Sheet 939B
 February 22, 2017



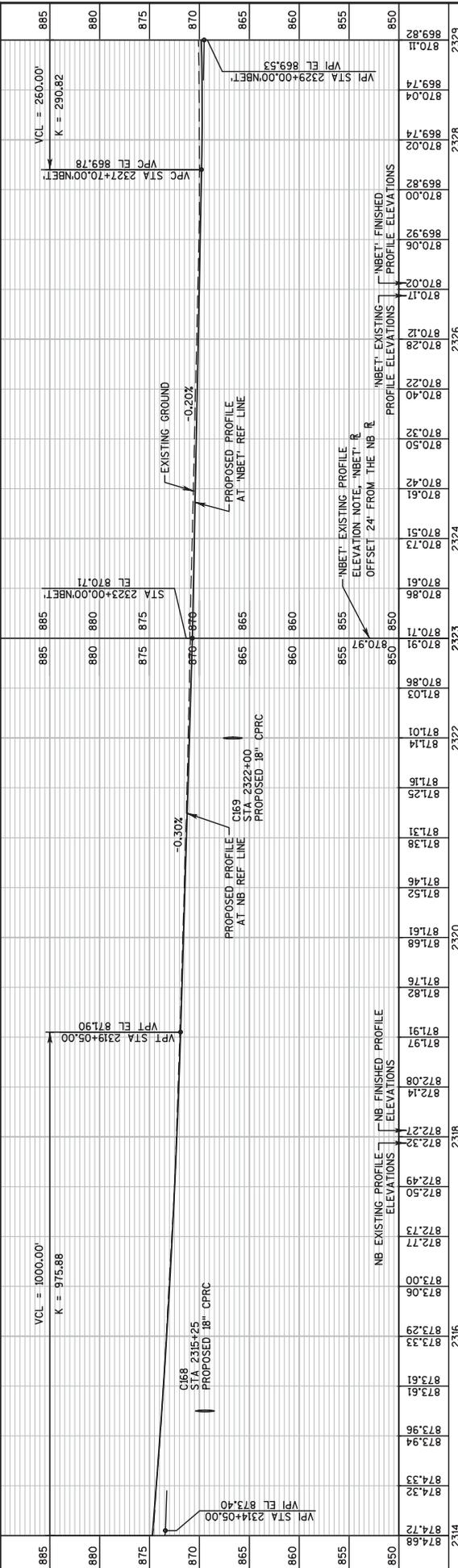
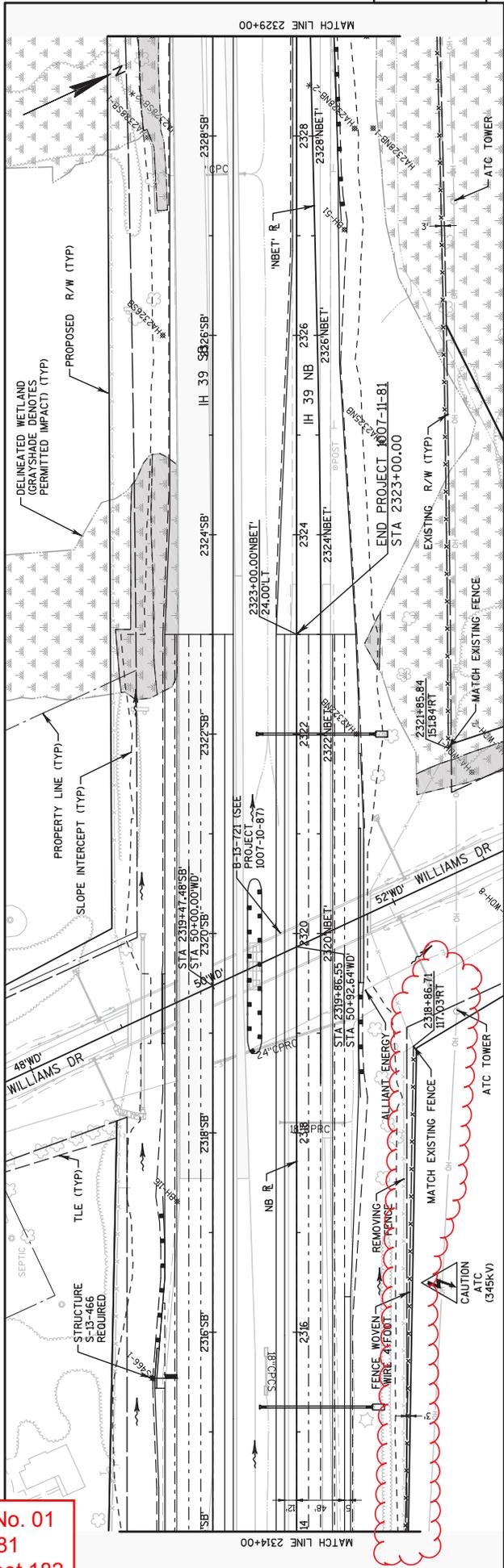
Addendum No. 01
 ID 1007-10-86
 Added Sheet 939D
 February 22, 2017



Addendum No. 01
 ID 1007-11-81
 Revised Sheet 34
 February 22, 2017



Addendum No. 01
 ID 1007-11-81
 Revised Sheet 182
 February 22, 2017



Station	NB EXISTING PROFILE ELEVATIONS	NB FINISHED PROFILE ELEVATIONS	NB ET EXISTING PROFILE ELEVATIONS	NB ET FINISHED PROFILE ELEVATIONS
2314	874.68	874.72	874.72	874.72
2315	873.51	873.51	873.51	873.51
2316	873.33	873.33	873.33	873.33
2317	873.00	872.77	872.77	872.77
2318	872.17	872.17	872.17	872.17
2319	872.13	872.49	872.49	872.49
2320	872.50	872.50	872.50	872.50
2321	872.73	872.32	872.32	872.32
2322	872.14	872.08	872.08	872.08
2323	872.08	872.08	872.08	872.08
2324	871.91	871.91	871.91	871.91
2325	871.82	871.82	871.82	871.82
2326	871.76	871.76	871.76	871.76
2327	871.68	871.68	871.68	871.68
2328	871.52	871.52	871.52	871.52
2329	871.38	871.38	871.38	871.38
2330	871.31	871.31	871.31	871.31
2331	871.25	871.25	871.25	871.25
2332	871.16	871.16	871.16	871.16
2333	871.10	871.10	871.10	871.10
2334	871.03	871.03	871.03	871.03
2335	870.91	870.91	870.91	870.91
2336	870.71	870.71	870.71	870.71
2337	870.61	870.61	870.61	870.61
2338	870.51	870.51	870.51	870.51
2339	870.42	870.42	870.42	870.42
2340	870.32	870.32	870.32	870.32
2341	870.22	870.22	870.22	870.22
2342	870.12	870.12	870.12	870.12
2343	870.02	870.02	870.02	870.02
2344	869.92	869.92	869.92	869.92
2345	870.00	870.00	870.00	870.00
2346	869.82	869.82	869.82	869.82
2347	870.02	870.02	870.02	870.02
2348	869.74	869.74	869.74	869.74
2349	870.04	870.04	870.04	870.04
2350	869.74	869.74	869.74	869.74
2351	870.11	870.11	870.11	870.11
2352	869.82	869.82	869.82	869.82
2353	870.04	870.04	870.04	870.04
2354	869.74	869.74	869.74	869.74
2355	870.11	870.11	870.11	870.11
2356	869.82	869.82	869.82	869.82
2357	870.04	870.04	870.04	870.04
2358	869.74	869.74	869.74	869.74
2359	870.11	870.11	870.11	870.11
2360	869.82	869.82	869.82	869.82
2361	870.04	870.04	870.04	870.04
2362	869.74	869.74	869.74	869.74
2363	870.11	870.11	870.11	870.11
2364	869.82	869.82	869.82	869.82
2365	870.04	870.04	870.04	870.04
2366	869.74	869.74	869.74	869.74
2367	870.11	870.11	870.11	870.11
2368	869.82	869.82	869.82	869.82
2369	870.04	870.04	870.04	870.04
2370	869.74	869.74	869.74	869.74
2371	870.11	870.11	870.11	870.11
2372	869.82	869.82	869.82	869.82
2373	870.04	870.04	870.04	870.04
2374	869.74	869.74	869.74	869.74
2375	870.11	870.11	870.11	870.11
2376	869.82	869.82	869.82	869.82
2377	870.04	870.04	870.04	870.04
2378	869.74	869.74	869.74	869.74
2379	870.11	870.11	870.11	870.11
2380	869.82	869.82	869.82	869.82
2381	870.04	870.04	870.04	870.04
2382	869.74	869.74	869.74	869.74
2383	870.11	870.11	870.11	870.11
2384	869.82	869.82	869.82	869.82
2385	870.04	870.04	870.04	870.04
2386	869.74	869.74	869.74	869.74
2387	870.11	870.11	870.11	870.11
2388	869.82	869.82	869.82	869.82
2389	870.04	870.04	870.04	870.04
2390	869.74	869.74	869.74	869.74
2391	870.11	870.11	870.11	870.11
2392	869.82	869.82	869.82	869.82
2393	870.04	870.04	870.04	870.04
2394	869.74	869.74	869.74	869.74
2395	870.11	870.11	870.11	870.11
2396	869.82	869.82	869.82	869.82
2397	870.04	870.04	870.04	870.04
2398	869.74	869.74	869.74	869.74
2399	870.11	870.11	870.11	870.11
2400	869.82	869.82	869.82	869.82

PROJECT NO: 1007-11-81
 COUNTY: DANE
 HWY: IH 39
 PLAN AND PROFILE: IH 39 NORTHBOUND
 SHEET 182
 FILE NAME: 050100.PP (IH 39 NB).DWG
 PLOT DATE: 2/9/2017 1:34 PM
 PLOT BY: SEH INC.
 LAYOUT NAME: 050005.PP
 PLOT SCALE: 1 IN = 100.0 FT
 WISDOT/CADD SHEET 44



Proposal Schedule of Items

Proposal ID: 20170314002 Project(s): 1007-10-86, 1007-11-81

Federal ID(s): WISC 2017091, WISC 2017092

SECTION: 0001 ROADWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0470	415.0120 Concrete Pavement 12-Inch **P**	74,032.000 SY	_____.	_____.
0480	415.0410 Concrete Pavement Approach Slab **P**	243.000 SY	_____.	_____.
0490	415.6000.S Rout and Seal	11,285.000 LF	_____.	_____.
0500	416.0512 Concrete Truck Apron 12-Inch	1,736.000 SY	_____.	_____.
0510	416.0610 Drilled Tie Bars	1,000.000 EACH	_____.	_____.
0520	416.0620 Drilled Dowel Bars	56.000 EACH	_____.	_____.
0530	440.4410 Incentive IRI Ride	18,117.000 DOL	1.00000	18,117.00
0540	450.4000 HMA Cold Weather Paving	1,843.000 TON	_____.	_____.
0550	455.0605 Tack Coat	7,692.000 GAL	_____.	_____.
0560	460.2000 Incentive Density HMA Pavement	33,542.000 DOL	1.00000	33,542.00
0570	460.5224 HMA Pavement 4 LT 58-28 S	2,586.000 TON	_____.	_____.
0580	460.6223 HMA Pavement 3 MT 58-28 S	6,323.000 TON	_____.	_____.
0590	460.6224 HMA Pavement 4 MT 58-28 S	4,972.000 TON	_____.	_____.
0600	460.7222 HMA Pavement 2 HT 58-28 S	17,750.000 TON	_____.	_____.
0610	460.7223 HMA Pavement 3 HT 58-28 S	7,412.000 TON	_____.	_____.
0620	460.7424 HMA Pavement 4 HT 58-28 H	13,886.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170314002 Project(s): 1007-10-86, 1007-11-81

Federal ID(s): WISC 2017091, WISC 2017092

SECTION: 0001 ROADWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
2860	649.1100 Temporary Pavement Marking Stop Line 18-Inch	256.000 LF	_____.	_____.
2870	652.0125 Conduit Rigid Metallic 2-Inch **P**	384.000 LF	_____.	_____.
2880	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch **P**	8,806.000 LF	_____.	_____.
2890	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch **P**	1,089.000 LF	_____.	_____.
2900	653.0222 Junction Boxes 18x12x6-Inch	6.000 EACH	_____.	_____.
2910	653.0905 Removing Pull Boxes	2.000 EACH	_____.	_____.
2920	654.0105 Concrete Bases Type 5	5.000 EACH	_____.	_____.
2930	654.0106 Concrete Bases Type 6	45.000 EACH	_____.	_____.
2940	654.0230 Concrete Control Cabinet Bases Type L30	2.000 EACH	_____.	_____.
2950	655.0610 Electrical Wire Lighting 12 AWG	8,556.000 LF	_____.	_____.
2960	655.0615 Electrical Wire Lighting 10 AWG	5,016.000 LF	_____.	_____.
2970	655.0625 Electrical Wire Lighting 6 AWG	10,845.000 LF	_____.	_____.
2980	655.0630 Electrical Wire Lighting 4 AWG	18,342.000 LF	_____.	_____.
2990	656.0200 Electrical Service Meter Breaker Pedestal (location) 350. 80+47.7'NN'	LS	LUMP SUM	_____.
3000	656.0200 Electrical Service Meter Breaker Pedestal (location) 351. 2290+20.5'NC'	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20170314002 Project(s): 1007-10-86, 1007-11-81

Federal ID(s): WISC 2017091, WISC 2017092

SECTION: 0001 ROADWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
3010	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	46.000 EACH	_____.	_____.
3020	657.0322 Poles Type 5-Aluminum	1.000 EACH	_____.	_____.
3030	657.0327 Poles Type 6-Aluminum	45.000 EACH	_____.	_____.
3040	657.0715 Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	48.000 EACH	_____.	_____.
3050	657.6005.S Anchor Assemblies Light Poles on Structures	1.000 EACH	_____.	_____.
3060	659.1120 Luminaires Utility LED B	48.000 EACH	_____.	_____.
3070	659.2130 Lighting Control Cabinets 120/240 30-Inch	1.000 EACH	_____.	_____.
3080	662.1024.S Ramp Closure Gates Hardwired 24-FT	2.000 EACH	_____.	_____.
3090	662.1037.S Ramp Closure Gates Hardwired 37-FT	2.000 EACH	_____.	_____.
3100	670.0100 Field System Integrator	LS	LUMP SUM	_____.
3110	670.0200 ITS Documentation	LS	LUMP SUM	_____.
3120	672.0250 Base Camera Pole 50-FT	1.000 EACH	_____.	_____.
3130	673.0105 Communication Vault Type 1	1.000 EACH	_____.	_____.
3140	673.0225.S Install Pole Mounted Cabinet	1.000 EACH	_____.	_____.
3150	674.0200 Cable Microwave Detector	390.000 LF	_____.	_____.
3160	674.0300 Remove Cable	455.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170314002 Project(s): 1007-10-86, 1007-11-81

Federal ID(s): WISC 2017091, WISC 2017092

SECTION: 0001 ROADWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
3320	SPV.0060 Special 002. CPM Progress Schedule Updates and Accepted Revisions	30.000 EACH	_____.	_____.
3330	SPV.0060 Special 003. Test Pits	4.000 EACH	_____.	_____.
3340	SPV.0060 Special 004. Landmark Reference Monuments Special	2.000 EACH	_____.	_____.
3350	SPV.0060 Special 005. Sawing Concrete Barrier	2.000 EACH	_____.	_____.
3360	SPV.0060 Special 200. Barrier Wall Delineation	353.000 EACH	_____.	_____.
3370	SPV.0060 Special 350. Lighting and Ramp Gate Control Cabinet 120/240v 30-Inch	1.000 EACH	_____.	_____.
3380	SPV.0060 Special 351. Pull Boxes Non-Conductive 24x42-Inch	20.000 EACH	_____.	_____.
3390	SPV.0060 Special 401. Pull Boxes Non-Conductive 24x36-Inch	1.000 EACH	_____.	_____.
3400	SPV.0060 Special 402. Fiber Tracer Marker Post	1.000 EACH	_____.	_____.
3410	SPV.0060 Special 403. Install Cellular Modem	1.000 EACH	_____.	_____.
3420	SPV.0060 Special 404. Remove Poles Wood	1.000 EACH	_____.	_____.
3430	SPV.0060 Special 405. Remove Electrical Service Meter Breaker Pedestal	1.000 EACH	_____.	_____.
3440	SPV.0060 Special 700. Anchor Bolt Assembly Sign Bridge	2.000 EACH	_____.	_____.
3450	SPV.0090 Special 001. Fill Existing Rumble Strips	3,660.000 LF	_____.	_____.
3460	SPV.0090 Special 002. Concrete Curb & Gutter OSOW **P**	503.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170314002 Project(s): 1007-10-86, 1007-11-81

Federal ID(s): WISC 2017091, WISC 2017092

SECTION: 0001 ROADWAY ITEMS

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
3610	SPV.0165 Special 001. Wall Modular Block Gravity LRFD	720.000 SF	_____.	_____.
3620	SPV.0165 Special 850. Wall Concrete Panel Mechanically Stabilized Earth LRFD/QMP **P**	6,419.000 SF	_____.	_____.
3630	SPV.0165 Special 851. Temporary Wall Wire Faced Mechanically Stabilized Earth LRFD/QMP	895.000 SF	_____.	_____.
3640	SPV.0165 Special 852. Longitudinal Grooving Bridge Deck **P**	17,565.000 SF	_____.	_____.
3650	405.0100 Coloring Concrete WisDOT Red	579.000 CY	_____.	_____.
3660	SPV.0105 Special 350. Installing Temporary Lighting System	LS	LUMP SUM	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.