Department of Public Works
Engineering Division
Robert F. Phillips, P.E., City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
Phone: (608) 266-4751
Fax: (608) 264-9275
engineering@cityofmadison.com
www.cityofmadison.com/engineering

Deputy City Engineer
Gregory T. Fries, P.E.

Deputy Division Manager
Kathleen M. Cryan

Principal Engineer 2
Christopher J. Petykowski, P.E.
John S. Fahrney, P.E.
Janet Schmidt, P.E.

Principal Engineer 1
Christina M. Bachmann, P.E.
Mark D. Moder, P.E.
James M. Wolfe, P.E.

Facilities & Sustainability
Bryan Cooper, Principal Architect

Mapping Section Manager
Eric T. Pederson, P.S.

Financial Manager
Steven B. Danner-Rivers

February 23, 2021

NOTICE OF ADDENDUM
ADDENDUM NO. 3
CONTRACT NO. 8572

GARVER PATH & STARKWEATHER DRIVE ASSESSMENT DISTRICT-2021

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

PLANS:
Remove and insert revised plan sheets as noted below.

Sheets S-1 and S-9: Revisions include note deletion, indicated with blue text.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at: http://www.bidexpress.com

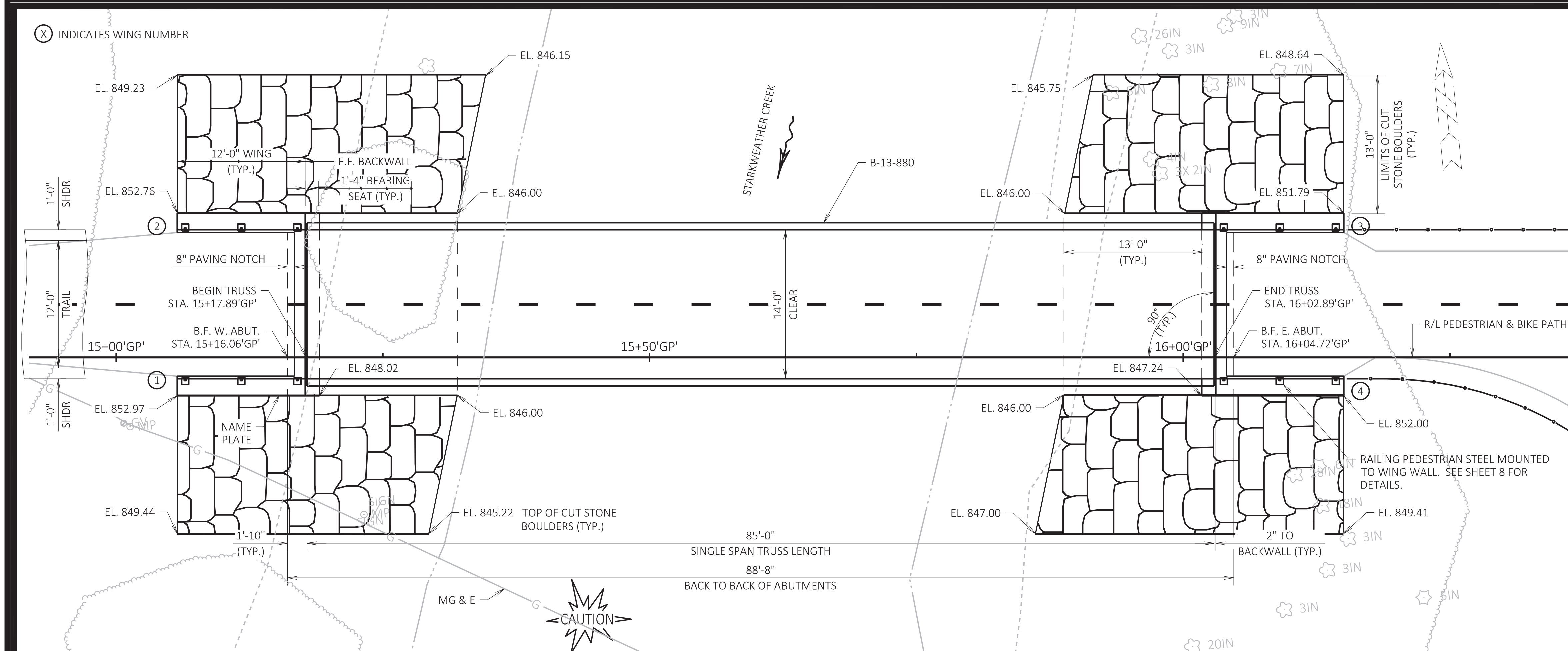
If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Sincerely,

Robert F. Phillips, P.E., City Engineer

RFP:cmb

Ⓧ INDICATES WING NUMBER



PLAN

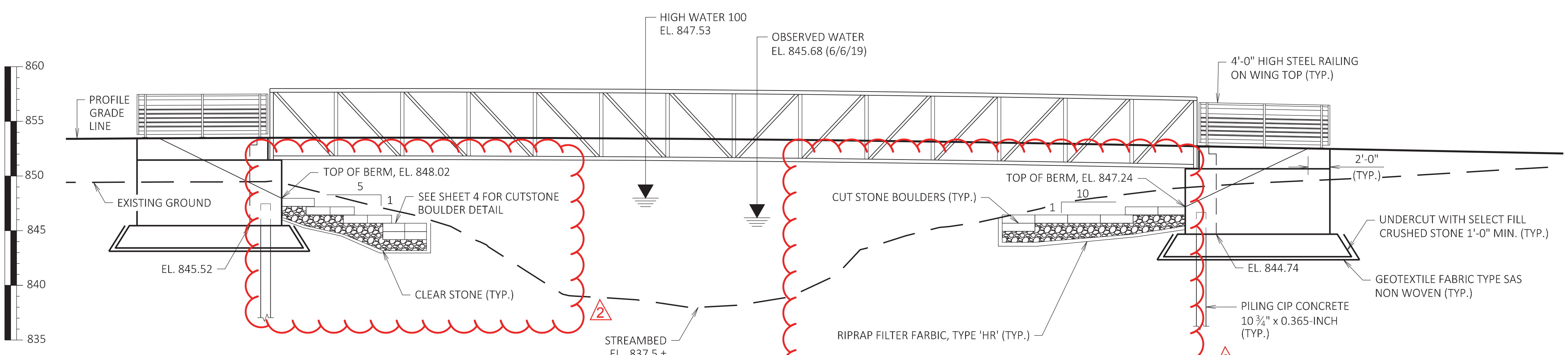
(SINGLE SPAN PREFABRICATED STEEL TRUSS, B-13-880)

Addendum No. 2, ID 5992-10-41
Revised sheet S-1
02/17/2021

~~NOTE:~~

~~ELEVATIONS GIVEN FOR CUT-STONE BOULDERS ARE AT TOP OF BOULDER. HEIGHT OF LOWEST COURSE TO BE 1'-0" MIN.~~

Addendum No. 3, ID 5992-10-41
Revised S-1
02/23/2021



ELEVATION

(LOOKING NORTH)

DESIGN DATA

DESIGN SPECIFICATIONS:
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
AASHTO LRFD BRIDGE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES

LIVE LOAD:
90 PSF PEDESTRIAN LOAD
20,000 LB. VEHICLE LOAD (H10)

WIND LOAD:
WIND LOADS DESIGNED IN ACCORDANCE TO AASHTO DESIGN FOR PEDESTRIAN BRIDGES AND AASHTO SIGNS.

MATERIAL PROPERITIES:
CONCRETE MASONRY BRIDGES — f'c = 4,000 PSI
HIGH STRENGTH BAR STEEL REINFORCEMENT GRADE 60 — fy = 60,000 PSI
HIGH STRENGTH STRUCTURAL STEEL ASTM A847, A588, A606, A709 OR A242 — fy = 50,000 PSI
STRUCTURAL CARBON STEEL ASTM A36 — fy = 36,000 PSI

FOUNDATION DATA:
ABUTMENTS TO BE SUPPORTED ON PILING CIP CONCRETE 10¾ X 0.365-INCH DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 110* TONS PER PILE AS REQUIRED BY THE MODIFIED GATES DYNAMIC EQUATION. ESTIMATED 60' LONG AT THE EAST ABUTMENT AND 70' LONG AT THE WEST ABUTMENT.

* THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

HYDRAULIC DATA:

100 YEAR FREQUENCY
Q_{100} = 1427 C.F.S.
VEL. = 4.47 F.P.S.
HW_{100} = EL. 847.53
WATERWAY AREA = 370 SQ. FT.
DRAINAGE AREA = 20.4 SQ. MI.
SCOUR CRITICAL CODE = 5

2 YEAR FREQUENCY
Q_2 = 290 C.F.S.
VEL. = 1.7 F.P.S.
HW_2 = EL. 846.37

WISCONSIN
CHAD D. HALVERSON
E-34364
MADISON, WI
PROFESSIONAL ENGINEER

[illegible]
February 17, 2021

2

LIST OF DRAWINGS
1. GENERAL PLAN
2. CROSS SECTION, QUANTITIES & NOTES
3. SUBSURFACE EXPLORATION
4. WEST ABUTMENT
5. WEST ABUTMENT DETAILS
6. EAST ABUTMENT
7. EAST ABUTMENT DETAILS
8. RAILING PEDESTRIAN STEEL

BRIDGE OFFICE CONTACT
AARON BONK, P.E.
TELEPHONE: (608) 261-0261

CONSULTANT CONTACT
CHAD HALVERSON, P.E.
TELEPHONE: (608) 663-1218

NO.	DATE	REVISION	BY

KL Engineering
[A] Better Experience

ACCEPTED ____ CHIEF STRUCTURES DESIGN ENGINEER ____ DATE

STRUCTURE B-13-880

HARGROVE STREET PEDESTRIAN & BIKE PATH OVER STARKWEATHER CREEK

COUNTY DANE	~~TOWN~~/CITY/~~VILLAGE~~ MADISON

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY CAH	DESIGN CK'D. CDH	DRAWN BY STD	PLANS CK'D. CDH

GENERAL PLAN — SHEET 1 OF 8

MARK	REVISION	DATE	BY
2	ADDENDUM 2	2/17/2021	CAH
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Designed By: CAH Date: 10/01/2020 Scale: 1 IN : 12 FT S-1
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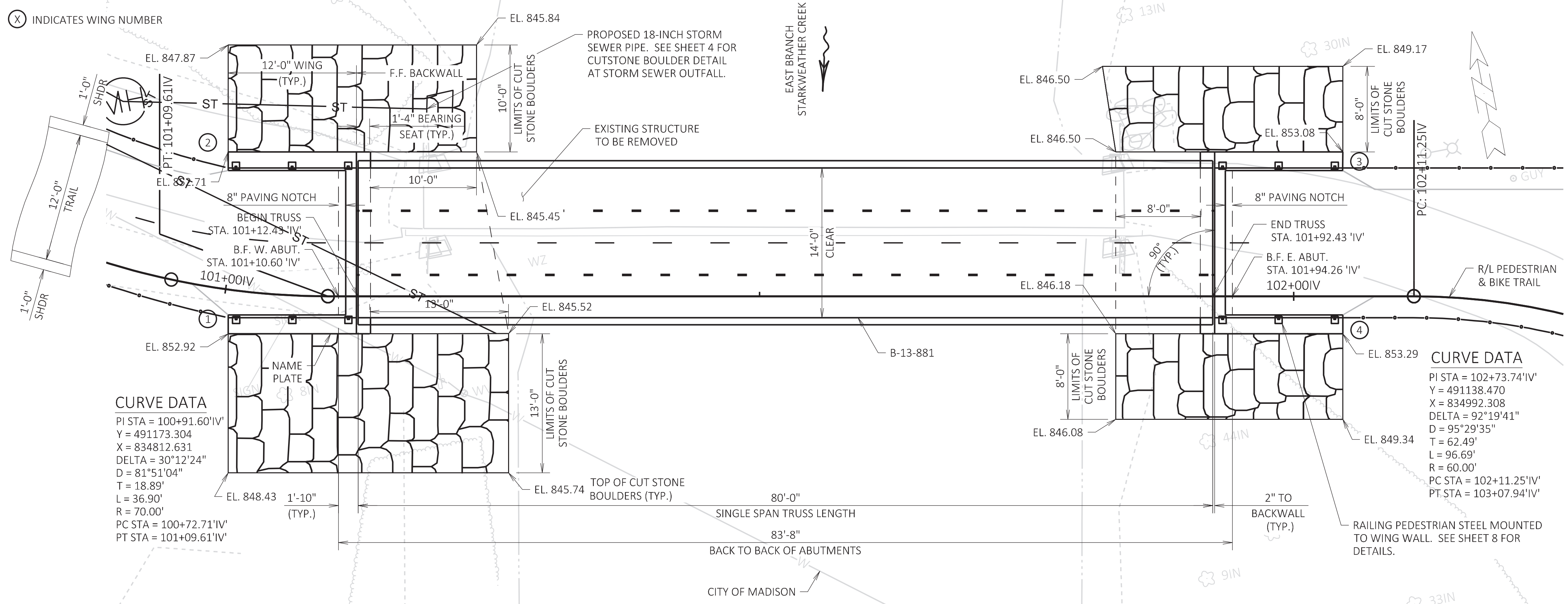
10160
MADISON, WI
CONTRACT NO: 8142

GENERAL PLAN
GARVER PATH
CITY OF MADISON

CITY OF MADISON WISCONSIN

10160
S-1

(X) INDICATES WING NUMBER



CURVE DATA
PI STA = 100+91.60'IV'
Y = 491173.304
X = 834812.631
DELTA = 30°12'24"
D = 81°51'04"
T = 18.89'
L = 36.90'
R = 70.00'
PC STA = 100+72.71'IV'
PT STA = 101+09.61'IV'

CURVE DATA
PI STA = 102+73.74'IV'
Y = 491138.470
X = 834992.308
DELTA = 92°19'41"
D = 95°29'35"
T = 62.49'
L = 96.69'
R = 60.00'
PC STA = 102+11.25'IV'
PT STA = 103+07.94'IV'

PLAN
(SINGLE SPAN PREFABRICATED STEEL TRUSS B-13-881)

Addendum No. 2, ID 5992-10-41
Revised sheet S-9
02/17/2021

~~NOTE:~~
~~ELEVATIONS GIVEN FOR CUT-STONE BOULDERS ARE AT TOP OF BOULDER. HEIGHT OF LOWEST COURSE TO BE 1'-0" MIN.~~

Addendum No. 3, ID 5992-10-41
Revised sheet S-9
2/23/2021

DESIGN DATA

DESIGN SPECIFICATIONS:
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
AASHTO LRFD BRIDGE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES

LIVE LOAD:
90 PSF PEDESTRIAN LOAD
20,000 LB. VEHICLE LOAD (H10)

WIND LOAD:
WIND LOADS DESIGNED IN ACCORDANCE TO AASHTO DESIGN FOR PEDESTRIAN BRIDGES AND AASHTO SIGNS.

MATERIAL PROPERITIES:
CONCRETE MASONRY BRIDGES — f'c = 3,500 PSI
HIGH STRENGTH BAR STEEL REINFORCEMENT GRADE 60 — fy = 60,000 PSI
HIGH STRENGTH STRUCTURAL STEEL ASTM A847, A588, A606, A709 OR A242 — fy = 50,000 PSI
STRUCTURAL CARBON STEEL ASTM A36 — fy = 36,000 PSI

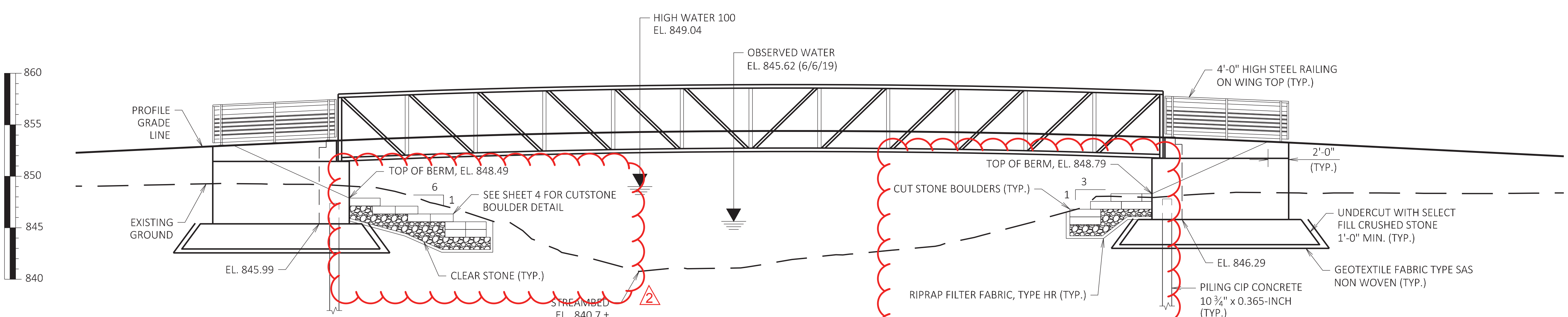
FOUNDATION DATA:
ABUTMENTS TO BE SUPPORTED ON PILING CIP CONCRETE 10¾ X 0.365-INCH DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 100* TONS PER PILE AS REQUIRED BY THE MODIFIED GATES DYNAMIC EQUATION. ESTIMATED 60' LONG AT THE EAST ABUTMENT AND 65' LONG AT THE WEST ABUTMENT.

* THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

HYDRAULIC DATA:
100 YEAR FREQUENCY
Q_{100} = 868 C.F.S.
VEL. = 2.26 F.P.S.
HW_{100} = EL. 849.04
WATERWAY AREA = 460 SQ. FT.
DRAINAGE AREA = 8.2 SQ. MI.
SCOUR CRITICAL CODE = 5

2 YEAR FREQUENCY
Q_2 = 268 C.F.S.
VEL. = 1.1 F.P.S.
HW_2 = EL. 846.78

February 17, 2021



ELEVATION
(LOOKING NORTH)

LIST OF DRAWINGS
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NO.	DATE	REVISION	BY

KL Engineering — [A] Better Experience

ACCEPTED ______ CHIEF STRUCTURES DESIGN ENGINEER ______ DATE

STRUCTURE B-13-881
IVY STREET PEDESTRIAN & BIKE PATH OVER STARKWEATHER CREEK

COUNTY DANE	~~TOWN~~/CITY/~~VILLAGE~~ MADISON

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY CAH	DESIGN CK'D. CDH	DRAWN BY STD	PLANS CK'D. CDH

SHEET 1 OF 8
GENERAL PLAN

MARK	REVISION	DATE	BY
2	ADDENDUM 2	2/17/2021	CAH
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Designed By: CAH Date: 10/01/2020 Scale: 1 IN : 12 FT
S-9

10160
MADISON, WI
CONTRACT NO: 8142

GENERAL PLAN
GARVER PATH
CITY OF MADISON

10160
S-9