

OLIN PARK PEDESTRIAN BRIDGE REPLACEMENT

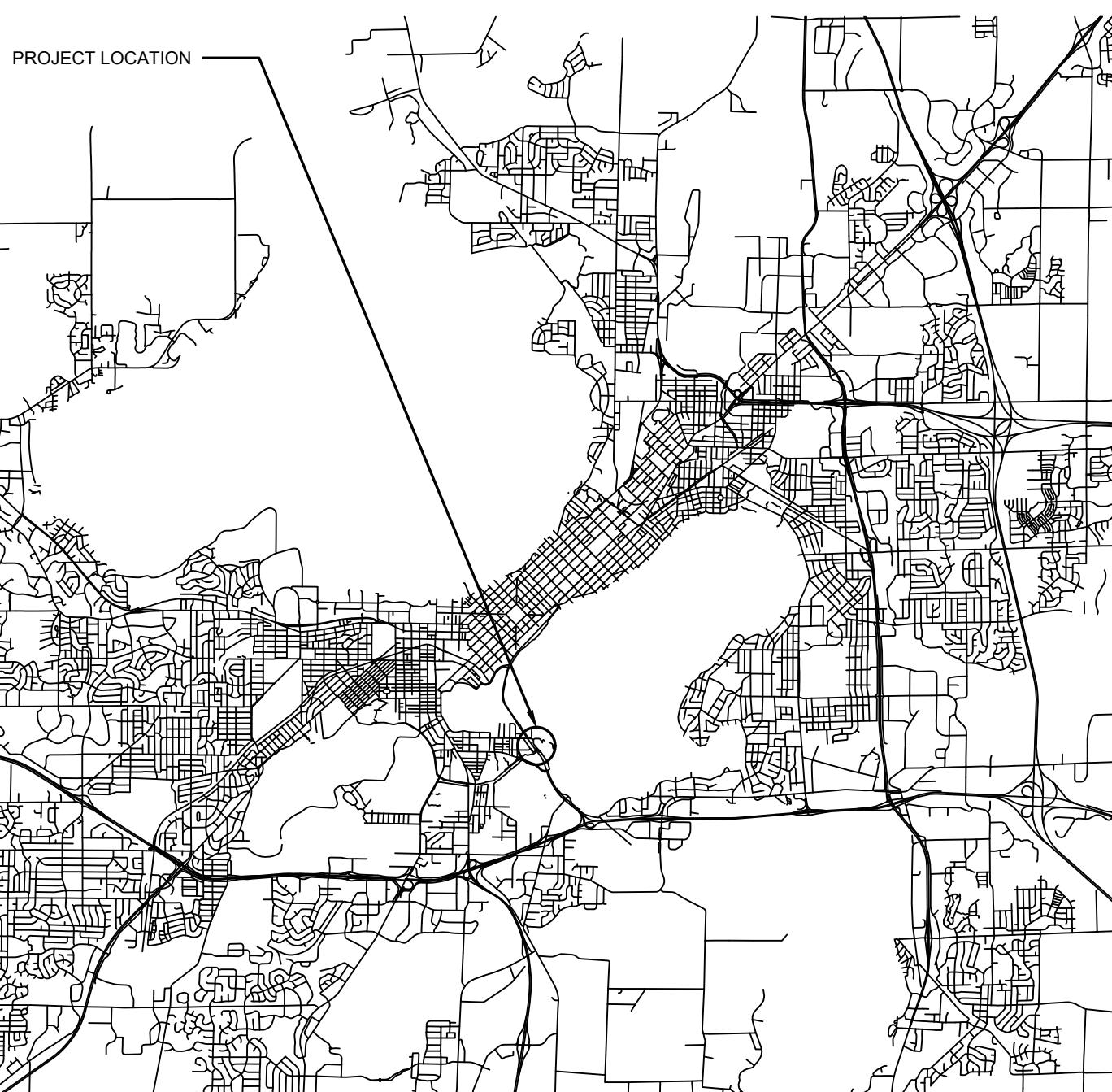
CONTRACT NO: 9679

BRIDGE DESIGNED BY:

City of Madison
Department of Public Works
PARKS DIVISION

330 E Lakeside St
Madison, WI 53715

play
MADISON
PARKS



INDEX

SHEET NO T1 TITLE
SHEET NO S1 SITE PLAN
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PROJECT:

**OLIN PARK
PEDESTRIAN BRIDGE
REPLACEMENT**

PROJECT ADDRESS:

**OLIN PARK
1156 OLIN-TURVILLE CT
MADISON, WI 53705**

Although every effort has been made in preparing these plans and checking them for accuracy, the contractor and subcontractors must check all details and dimensions of their trade and be responsible for the same.

ITEM DATE

ADVERTISED XX-XX-2025

PUBLIC WORKS PROJECT #:

14601

SHEET TITLE:

TITLE

SHEET NUMBER:

T1

*FOR REVIEW
7/24/2025*



DESIGN DATA

DESIGN LOADS:

90 PSF PEDESTRIAN LOAD

10,000 LB. VEHICLE LOAD (H-5)

35 PSF WIND LOAD (AS IF ENCLOSED)

20 PSF WIND UPLIFT

MATERIAL DESIGN PROPERTIES:

HIGH STRENGTH STRUCTURAL STEEL

ASTM A847, ASTM A588, ASTM A606,

ASTM A709 OR ASTM A242

$f_y = 50,000$ psi

FOUNDATION DATA:

EXISTING ABUTMENTS SHALL REMAIN. CONTRACTOR SHALL DETERMINE REUSE OF EXISTING ANCHOR BOLTS FOR NEW BRIDGE OR REMOVE AND INSTALL NEW ADHESIVE ANCHOR RODS.

HYDRAULIC DATA

PROPOSED PROFILE TO GENERALLY MATCH EXISTING BRIDGE PROFILE.

DESIGN CONTACT

STRAND ASSOCIATES, INC
TYLER EVERSON PH: (608) 251-4843

MADISON, WI

CONTRACT NO:

OLIN PARK PEDESTRIAN BRIDGE REPLACEMENT

MAD1020134(Drawings)(CAD)Pleasant Branch Greenway Ped. Bridge Sheetsix-border.dwg

SITE PLAN



FOR REVIEW
7/24/2025

14601
S1

MARK	REVISION	DATE	BY
Designed by: TIE	REV/24/2025 9:43 AM	Date:	Scale:



PLAN
(SINGLE SPAN PREFABRICATED STEEL TRUSS BRIDGE)

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL DIMENSIONS ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS TO FIT EXISTING ABUTMENTS BEFORE ORDERING.

PROPOSED BRIDGE SHALL MAINTAIN THE SAME VERTICAL CLEARANCE AS EXISTING BRIDGE. THE EXISTING BRIDGE CLEARANCE IS 6.6 FEET FROM THE ORDINARY HIGH WATER MARK (OHWM).

CONTRACTOR TO VERIFY THE REUSE OF EXISTING ANCHOR BOLTS, OR PROVIDE NEW ADHESIVE ANCHOR RODS.

REPLACEMENT BRIDGE SHALL MATCH EXISTING BRIDGE DIMENSIONS.

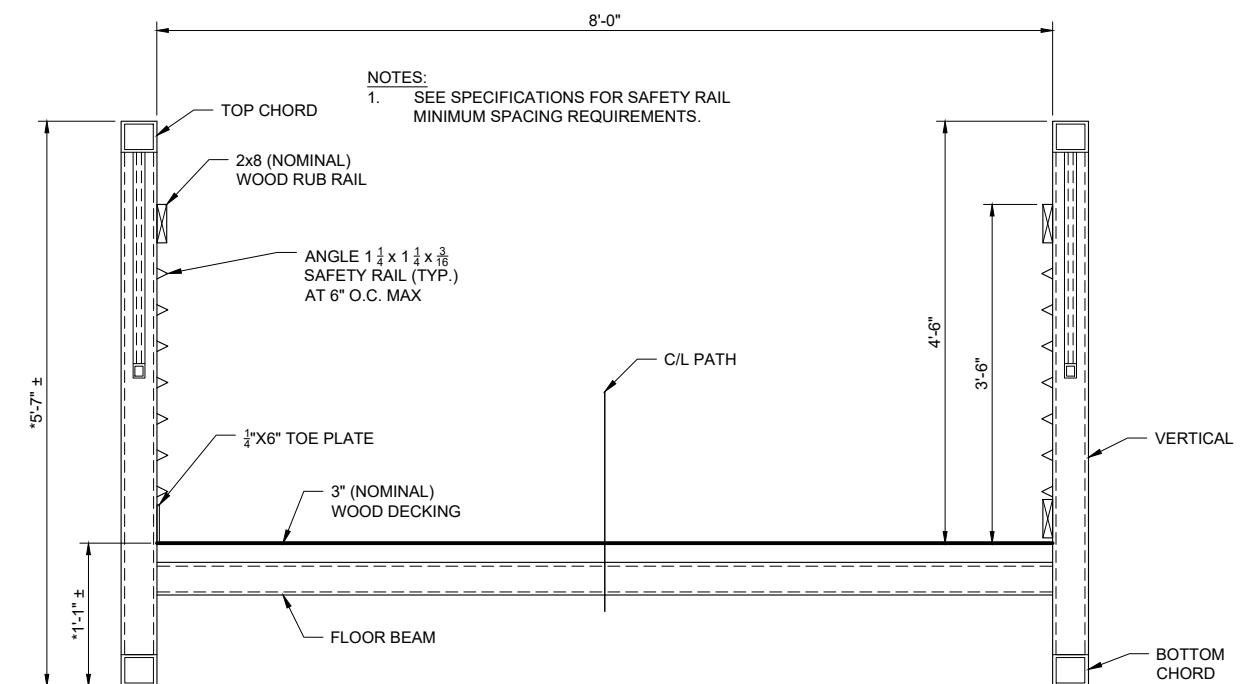
TREATED TIMBER DECKING AND RAILING LUMBER IN ACCORDANCE WITH AWPA USE CATEGORY UC3B. NOMINAL SIZE TIMBER RAILING MATERIAL SHALL BE SURFACED TO S4S.

THE SUPERSTRUCTURE SHALL BE ANCHORED TO THE FOUNDATIONS IN A MANNER TO:

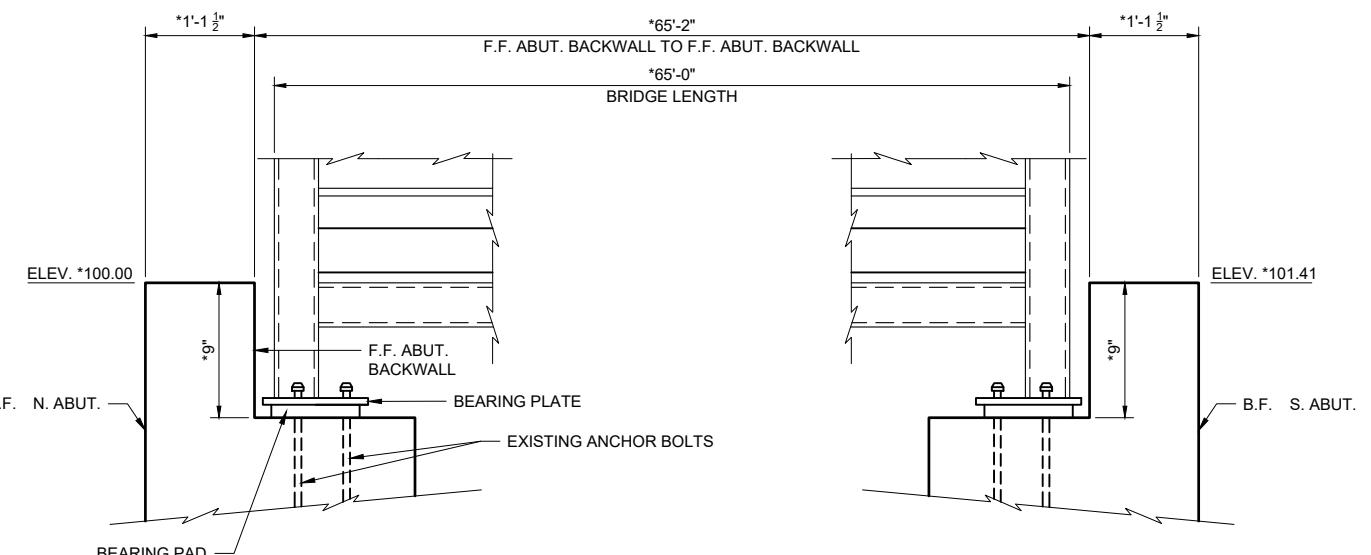
- ALLOW THERMAL MOVEMENTS OF THE SUPERSTRUCTURE.
- PREVENT HORIZONTAL TRANSLATION OF THE SUPERSTRUCTURE PERPENDICULAR TO THE C/L OF THE PATH.

TOTAL ESTIMATED QUANTITIES

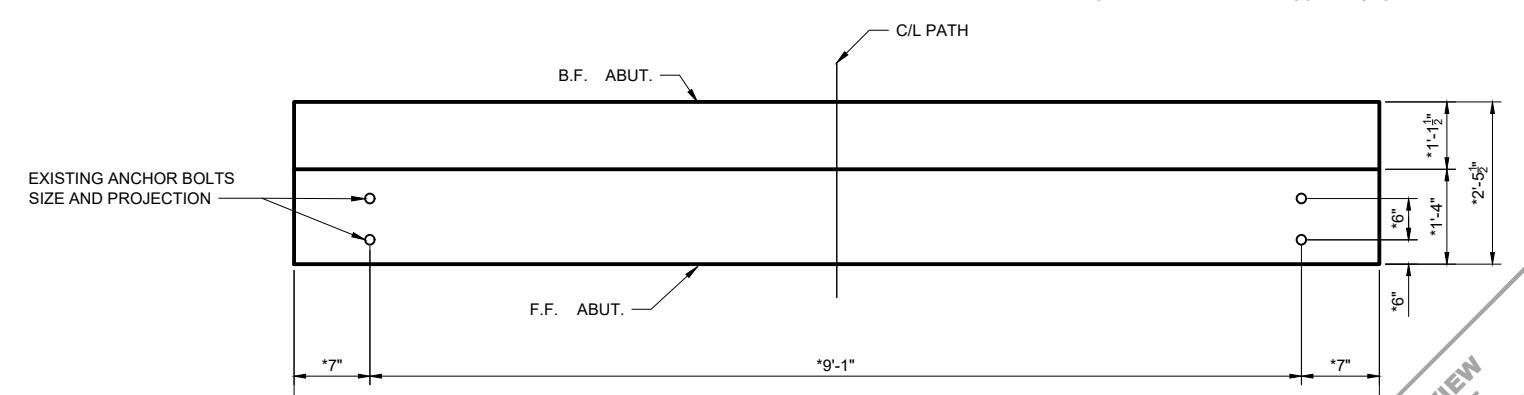
BID ITEM NUMBER*	BID ITEMS	UNIT	TOTAL
90101	PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE	EACH	1



CROSS SECTION THROUGH BRIDGE



ABUTMENT ELEVATION



ABUTMENT PLAN



14601
S2

CROSS SECTION, NOTES & DETAILS

OLIN PARK PEDESTRIAN BRIDGE REPLACEMENT
MAD1020134(Drawings)CAD\Pleasant Branch Greenway Ped. Bridge Sheets\border.dwg

MADISON, WI

CONTRACT NO:

MARK
REVISION
DATE BY
Designed By: TIE Date: 7/24/2025 9:44 AM Scale:
Date: 7/24/2025 9:44 AM Scale:

FOR REVIEW
7/24/2025