



RFI #041: Civil - Pedestrian Bridge Concrete Clarifications

Revision	0	Status	Open
To	Luke Arbanas (Nabholz Construction Corporation)	From	David Panto (Nabholz Construction Corporation)
Date Initiated	Sep 11, 2025	Due Date	Sep 18, 2025
Location	Civil Expansion	Project Stage	Pre-Construction
Cost Impact	TBD	Schedule Impact	TBD
Spec Section			
Drawing Number	S120, S211	Reference	
Linked Drawings			
Copies To	Don Kelley (Nabholz Construction Corporation), David Panto (Nabholz Construction Corporation), Vince Praderio (LITHKO CONTRACTING LLC)		
Priority			
Constraint			

Activity

Question

Question from David Panto Nabholz Construction Corporation on Thursday, Sep 11, 2025 at 11:10 AM CDT

1. What is the Pedestrian Bridge beam(cap) length? Drawing S120 shows the length of the beam connecting two columns to be 15'. However, Drawing S211, Detail 1 shows it flush with footing which is 12'. Please confirm the beam(cap) length.
2. What are the Abutment Bridge bearing seat/ledge dimensions? Drawing S211, Detail 4 does not show dimensions for the concrete blockout that is needed. Please advise so structural concrete can be formed accordingly.
3. Please confirm bridge Slab on Metal Deck (SOMD) unsupported clear span of 10' is correct/safe? We didn't see any intermediate angle supports in the SteelFab Shop Drawings. Not knowing the material used for this composite decking, 10' unsupported is a long distance to span for concrete especially during placement. Please advise.

Attachments

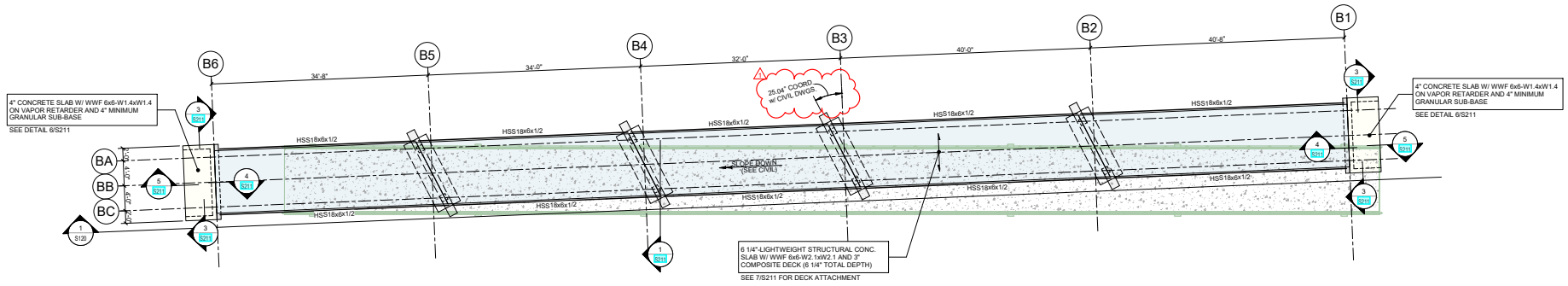
[2. Bridge abutment dimensions.pdf](#), [3. SOMD clear span.pdf](#), [1. Bridge beam\(cap\) length.pdf](#)

Awaiting an Official Response

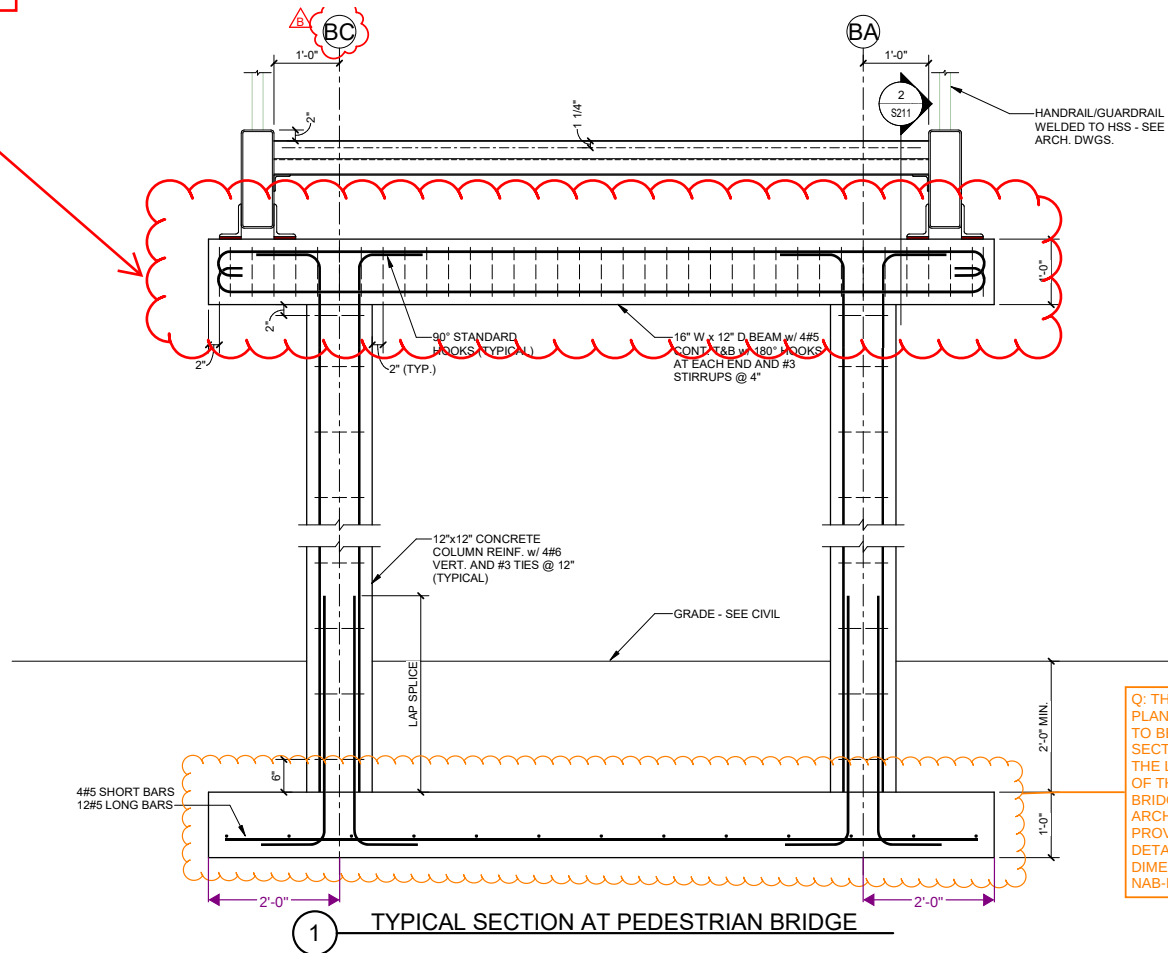
1. The length of the beam is to be 15'-0".
2. The bearing width is 8". GC to coordinate the depth of the ledge. 6 1/4" slab thickness + 18" HSS + 1 1/4" Min spacing + Bearing pad thickness.
3. The 6 1/4" thick composite deck with lightweight structural concrete is structurally safe for a clear span of 10'-0".

SDL: Nishith Sardhara Dt: 10/02/2025

Stanley D. Lindsey and Associates, Ltd.	
Structural Engineer's review is only for general conformance with the structural Contract Documents. Corrections or comments made on the shop drawings during this review do not relieve the Contractor from compliance with the requirements of the Contract Documents and applicable laws, codes and regulations. The Contractor is responsible for: dimensions to be confirmed and correlated at the jobsite; information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction; coordination of the Work with all other trades; and performing all Work in a safe and satisfactory manner.	
☐ Limited Review - This submittal is for a deferred submittal item designed by specialty engineer. Structural Engineer's review is limited to the design criteria and loads imposed to the base structure only.	☐ Rejected - Revise and Resubmit
☐ Reviewed - No Exceptions Taken	☐ Not Reviewed - Record Copy Only
☐ Reviewed - With Exceptions as Noted	☒ RFI Response
☐ Reviewed - With Exceptions as Noted, Submit Record Copy	
Date: 10/21/2025	
Reviewer: Nishith Sardhara	



What is beam/cap length?



Q: THROUGHOUT THE PLANS, THERE APPEARS TO BE NO DETAILS OR SECTIONS IDENTIFYING THE LENGTH AND WIDTH OF THE PEDESTRIAN BRIDGE FOOTINGS. CAN ARCHITECT PLEASE PROVIDE SECTION OR DETAIL DEFINING THESE DIMENSIONS.
- NAB-MF-06.30.2025

GC Coordinate. 6 1/4" slab thickness + 18" HSS + 1 1/4" Min spacing + Bearing pad thickness. - SDL

1/2" COMPRESSIBLE JOINT FILLER. STOP DECK AND WWF ON EITHER SIDE.

1/4" CAP PLATE, TYP.

#4 CONTINUOUS

What is this dimension?

#4@12" E.F.

#4@12" E.F.

3 SIDES, TYP.

5/16"

L6x4x1/2 x 0'-4" (NS/FS) w/ ELASTOMERIC BEARING PAD BONDED TO CONCRETE AND WELDED TO ANGLE (RATED FOR 800 PSI ASD)

What is this dimension?

COORD. W/ BRG PAD SUPPLIER

2x4 KEY

GRANULAR BACKFILL

2'-0" MIN.

8". -SDL

6#4 CONTINUOUS

#5@12"

1'-0"

8"

1'-4"

1'-6"

4

TYPICAL SECTION AT STEEL BEAM / RET. WALL

