

## **8 ARCH BRIDGE COMMITTEE**

## **MEETING MINUTES**

MEETING DATE: July 25, 2017 at 7:00 PM, Holliston Town Hall

ISSUE DATE: August 3, 2017

### **PRESENT**

VOTING MEMBERS: Dennis Ferreira, Alison Lima, Jay Robinson, Paul Saulnier

### **ABSENT**

VOTING MEMBERS: Herb Brockert

### **GUESTS:**

Robert Weidknecht  
Jeff Ritter, Town Administrator (Arrived at 8:30pm)

PREPARED BY: Alison Lima

COPIES TO: Jeff Ritter, Town Administrator  
Elizabeth Greendale, Town Clerk

### **DISCUSSION ITEMS:**

- 1) Committee reviewed Gill's 7-25-2017 Progress Set of drawings.
- 2) Gill incorporated Committee's 2" x 2" square wire mesh comment by using 2" chain link fencing (diagonal pattern). Committee finds this acceptable and discussed that it may be a more resilient material for impact loads.
- 3) Railing length used to abut into face of endpost. Latest edition shows no "cap" on endpost. Railing length to be coordinated because now there is a gap.
- 4) Closure pour joint - Committee is looking for clarification on length of closure pour – does it stop at the fascia or does it stop inboard of the railing (preferred so the diamond isn't visible).
- 5) Committee is looking for clarification of how the structure handles thermal movement.
- 6) Closure point detail was discussed and the majority of the committee is comfortable with the detail as presented.
- 7) Committee is looking for clarification on the slab sections at the end of the bridge at the approaches. Confirm precast slab sections which match the panels on the bridge or cast-in-place which would be easier from a constructability standpoint.
- 8) Railing is called out as galvanized and the painted. This should be color galv as paint would be a maintenance issue.
- 9) Dennis called Dan Crovo of Gill during the meeting and reviewed the following:
  - a) Dennis expressed Committee's concerns for the cost of the railing/wire mesh sections. Dan explained the design intent and that the proposed solution was cost effective.

- b) Closure pour will stop before the end / fascia. Gill will add a detail for clarification. Sika joint will wrap right around to include the vertical face of the fascia.
- c) Intent of the railing details at the endposts is for the railing to extend over the endposts. Railing anchors should be drill and grouted at the endposts.
- d) Thermal movement is addressed in the railings at the slip / splice connections. Regarding concrete expansion on the precast, Gill is not concerned about thermal movement. The whole concrete slab will move together. The Sika joint will provide some flexibility.
- e) Gill will provide a detail of how the fabric will be attached to the u-channel.
- f) U-channel doesn't create any safety issues for bicycles.
- g) From the end of the 4 ft panels to the sleeper slab, the slab sections could be either cast-in-place or precast. Precast may be difficult from a constructability standpoint. Could be left to the contractor's option.
- h) On the elevation, Gill will add an overall length of the railing.
- i) Gill will coordinate the cross-sections and the closure pour detail related to 2 layers vs 1 layer of mesh.
- j) Detail will be provided on how the CLF is connected at the post.
- k) Gill will put in the specifications that the Contractor has to field verify the dimensions and overall grading plan to give the Contractor some flexibility.
- l) ACTION – Alison will send mark-ups to Gill.***

10) Paul discussed using an Option for the railing in case bids come in high. His goal is to mitigate the potential of Bids coming in high and blowing the bids.

- a) Committee recommendation is either to use Base Bid for the concrete deck and an Option / Alternate for the railing or set up the bid form such that the whole project is included in the Base Bid with an optional Deduct for the railing.
- b) Jeff Ritter finds the approach acceptable. Base Bid will be complete project. Alternate will be to deduct the railing.

11) Bid documents are under development by Town.

12) Plans/specs will be received from Gill on Wednesday, 8/2/2017.

***13) ACTION - Dennis will confirm that Gill's Technical Specs include front-end clauses (Scope of Work, etc).***

14) Approval of Meeting Minutes from Prior Meetings

- a) July 18, 2017
  - i) VOTE: Dennis made a Motion to Approve the meeting minutes. Alison seconded. All in favor.***
- b) Alison will send finalized meeting minutes to Town.

15) Meeting adjourned.

**Upcoming Meetings**

- August 1 – 8 Arch Committee Meeting – CANCELLED
- August 3 – 8 Arch Committee Meeting, 7pm
- August 7 – BoS Meeting
- August 8 – 8Arch Committee Meeting, 7pm

Respectfully Submitted,

Jay Robinson – Chairman