

CONFERENCE REPORT



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PROJECT: US RT 202 & NH RT 101 Bridge Rehabilitation
Peterborough, NH
NHDOT Project Number 15879
Federal Project Number X-A001(007)

DATE OF CONFERENCE: May 24, 2012

DATE ISSUED: June 5, 2012
Revised June 6, 2012

LOCATION: Peterborough Town Hall

ATTENDEES: See Attached Attendance List

SUBJECT: Public Information Meeting

PREPARED BY: Matthew J. Low, P.E., Hoyle, Tanner
Hoyle, Tanner No. 092554

Town of Peterborough Selectboard Chairperson, Barbara Miller, made an opening statement and introduced the speakers.

NHDOT Project Manager, Robert Landry, P.E. provided general project information to the audience and introduced Joseph Patusky, P.E. to discuss details regarding the proposed scope of construction work related to the bridge.

Mr. Patusky provided the following details regarding the bridge:

- The bridge is being rehabilitated due to the poor condition of the existing bridge deck.
- The bridge is on the State "Red List" of bridges.
- The bridge was constructed in 1958.
- The existing 54-year-old bridge deck is 6-1/2" thick (thin by modern standards) and includes uncoated reinforcing steel. Insufficient cover over the reinforcing and the infiltration of road salts has led to the deterioration of the concrete.
- A thicker reinforced concrete deck with increased cover protection over coated steel reinforcing bars, and a modern membrane under the asphalt wearing surface reinforcing steel will be incorporated in the new deck.
- The steel supporting the bridge deck will also be replaced. The steel was erected with dated details and is coated with lead-based paint, which would be extremely expensive to remove.
- The existing seven stringerlines will be increased to 10 stringerlines.
- The new steel will have a rusted appearance.
- The bridge will be widened upstream, 20'. The widening will be to the Peterborough Plaza side of the bridge. Overhead utility lines are located immediately downstream of the bridge.
- Bridge width will be increased from 43'-6" to 63'-4". The widening is necessary due to the need to maintain 2 lane of traffic over the bridge at all times during two phases of construction.

- The downstream face of the bridge will be at approximately the same location to avoid impacting the existing overhead utilities.
- The widened bridge piers and abutments will retain same appearance as the existing bridge.
- The new bridge will have two 12' directional lanes and one 14' turning lane in the middle. Bridge shoulders will be widened to approximately 11'.

Mr. Patusky introduced Michael Dugas, P.E. to discuss the proposed scope of construction work related to the roadway, including traffic control during construction. Mr. Dugas provided the following details regarding the roadway:

- The existing right-of-way is estimated to be 150 feet wide. Easements or land acquisition needs have not been determined at this point.
- The bridge carries approximately 16,000 vehicles per day.
- Traffic will be maintained during construction by constructing the bridge in two phases, as follows:
 - Phase 1 – traffic shifted to the north side of the bridge while the south side is widened and reconstructed.
 - Phase 2 – traffic shifted to the new south side of the bridge while the north side is rebuilt.
 - A temporary traffic signal system will be installed at the US 202 north / NH Route 101 intersection.
- The "Common Path" trail will be closed for use under the bridge during construction.
- The roadway plan illustrates the new pavement limits, shoulder limits and anticipated slope work.
- Construction access to get to the bridge substructure may require temporary easements.

Mr. Landry explained that the schedule for the project is to have the project fully designed and on the shelf" by August 2014, but the construction funding is currently FY 2018.

Mr. Landry stated that Peterborough Public Works Director, Rodney Bartlett, had previously told him that the Town may be interested in adding a sidewalk to the bridge. This interest was confirmed by several of the attendees. Mr. Landry stated that if the Town would like a sidewalk, and it is in the Town's Master Plan, the Town should write a letter to NHDOT expressing the interest. It seems that a sidewalk on the north side makes the most sense as there are sidewalks on Grove Street, Main Street and Granite Street.

Questions that were fielded from the attendees include:

- Will the shoulder be widened in front of the Chamber of Commerce? *The shoulder will be approximately the same width, but all the widening would be to the south.*
- The stone near the abutment at the Common Path has been thrown into the river by vandals. Can something else be done? *Yes, larger stone or slope paving could be used.*
- How long will reconstruction take? *Approximately 2 construction seasons, or 2 years.*
- Can the signals at Grove Street be coordinated with the temporary signals? *Possibly, but maybe not depending upon the age of the equipment.*
- Will the signals cause backups like the US 202 intersection does towards Keene? *Not to the same extent. Backups should only be just across the bridge in the peak PM hours.*
- Between construction Phase 1 and Phase 2, will the full bridge width be open? *NHDOT will look at this as it might be a good idea.*
- Are the islands on NH 101 painted or raised? *Painted.*

- When will NHDOT know if property will be needed to access the construction? *This will be looked into in the near future. The right-of-way process, approvals, etc. and a Public Hearing can add a year or 18 months to the schedule.*
- Will the existing abutments and pier be widened or completely new? *Widened because they are in good shape.*
- Will reconstruction work occur on weekends or holidays? *Not typically, but if it is required, NHDOT's Contract Administrator will coordinate with the Town.*
- Can a railing which will not block the view of the river be included? *The rail is likely to be a typical steel railing. Follow-up question – What about historic railing? The rail needs to be crash tested.*
- Peterborough DPW would like to construct a new waterline across the river. Could it be incorporated? *Add this request to the same letter which requests the sidewalk.*
- What happens to the island on US 202 north? *It will be removed during construction and then reconstructed in the final condition.*
- NHDOT asked if the police or fire equipment was equipped with Opticom? *Police and Fire Chiefs both responded no.*
- What is the split in eastbound traffic during the PM peak hour headed north on US 202 and east on NH Route 101? *The split is approximately 50% in each direction.*

Other information discussed included:

- Current project cost estimate is approximately \$4.3M.
- Advance warning signs will be required on NH 101 westbound to alert drivers coming down the hill to the presence of the temporary signals and construction.

These meeting notes were compiled by the undersigned. Should you note discrepancies or require revision, please contact the undersigned at (603) 669-5555 extension 128 or mlo@hoyletanner.com.

Submitted by:


Matthew J. Low, P.E.
Project Manager

Cc: File

MEETING ATTENDANCE

PROJECT Peterborough: US 202 / NH 101 bridge rehabilitation over Contoocook River
LOCATION Peterborough Town House
PROJECT NO. 15879
 Federal State

Name	Agency or Address	Comments
ALAN ZELER	Peterborough Planning Board	
Bronce Ann Webb	88 Grove St	
John Patterson	PO Box 232 Peterboro Con Cam	
George Sterling	120 old Dublin Rd	Do it Now
Barbara Miller	22 Saverock Sq	
James Kelly	19 Governor Sq	
MATT LOW	HOYLE, TANNER	
MATT UNDERST	CEL / CON COM	
J. B. MacK	SWRPC 20 Centin / Spt	
Doug Graham	NHPOT Dist 4	
Thom S. Bow	Spid Realty Corp	
Leandra MacDonald	34 HIGH ST	
BOB MACDONALD	39 HIGH ST.	
RON McINTIRE	21 Pine St. P. Bro	
Sandy Bibace	21 Pine St.	
Paul Thibault	Peterborough Fire & Rescue	
Scott Guisard	Peterborough Police Department	
Ted L. Jarest	139 Old St Rd	
Rob Kochi	29 Pine Street	
Judy Koch	29 Pine Street	
Hops Taylor	53 Grove St.	
JD LEEDHAM	375 Union St.	
Nina Giannotti	375 Union St	
Jack Burnett	355 Union St / Greater Peterborough Chamber of Commerce	provide means for left-hand turn into Chamber of Commerce when going east on 101.

Date 5/24/2012

