



ARORA and ASSOCIATES, P.C.

Consulting Engineers

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MINUTES OF MEETING

Date: February 25, 2005
To: File
From: Eric Yermack, PE
Subject: Route 70 over Manasquan River
Construction Noise Issues
February 24, 2005 Meeting

Attendees:

| <u>Name</u> | <u>Affiliation</u> | <u>Phone</u> |
|-------------------|------------------------|----------------|
| Tucker Nicol | Brielle – Mayor | (732) 938-7571 |
| Tom Nolan | Brielle | (732) 938-7571 |
| Michael W. Palmer | Brielle – Police Chief | (732) 568-5050 |
| Pankesh Patel | NJDOT – PM | (609) 530-2367 |
| Anthony Marsella | NJDOT – OCR | (609) 530-6116 |
| Eric Yermack | Arora – PM | (609) 844-1111 |
| Andrew Baran | Arora | (609) 844-1111 |

A meeting was held at 10:00 AM on Thursday, February 24, 2005 at the Borough of Brielle offices at 601 Union Street in Brielle. Representatives of Brielle, the New Jersey Department of Transportation (NJDOT) and NJDOT's design consultant Arora and Associates, P.C. (Arora) attended the meeting. The purpose of the meeting was to discuss construction noise related issues on the Route 70 over Manasquan River project. The following is a summary of the issues discussed at the meeting.

Mr. Yermack passed out a meeting agenda and presented the topics NJDOT wished to cover during the meeting. The Department wished to open and maintain a dialogue throughout the project with Brielle about issues that would affect the quality of life in the residential areas adjacent to the project.

Mr. Baran presented the construction staging for the project. The project would be constructed in 3 major stages. Mr. Nicol asked when the noise wall was going to be built. He said he was concerned about the impacts to the Cedar Lane residences. Mr. Baran explained that temporary pavement had to be constructed along Route 70 WB in order to create a workspace to construct the noise wall along Route 70 EB. Mr. Yermack added that the first half of the bridge and the noise wall would be built concurrently. The wall-mounted noise wall could also not be constructed until the bridge abutment, embankment and retaining wall were completed. However, the noise wall would be completed as soon as possible. Based upon the current schedule the noise wall would be completed in July of

2006. Arora is working on a revision to the schedule that would allow for the completion of the ground-mounted portion of the noise wall several months in advance of the wall-mounted noise wall. The overall project construction duration is anticipated to be 39 months.

Mr. Baran then presented construction milestones and explained the development of the project baseline schedule. This schedule was then used to compare different scenarios to test the sensitivity of the construction schedule. The schedule is greatly influenced by an environmental restriction from conducting activities that would disturb the riverbed during the months of April, May and June. This is the migration season of the river herring. Small increases in the duration of activities on the critical can push major activities into the next construction season and substantially lengthen the project. Arora also found that because of the in-river restrictions, the Contractor would not have a significant decrease in the schedule if he had crews working 6 days a week instead of a standard 5 day a week schedule. Working overtime would however allow the Contractor to make up for any lost time and maintain the project schedule.

The Brielle noise ordinance was discussed. Mr. Baran presented a list of construction activities that would have to be performed at night, which would be in violation of the ordinance. He explained that NJDOT Traffic Operations required that two lanes be maintained in each direction and had lane closure restrictions that dictate that some tasks can only be done at night. Mr. Patel said that Mr. Szafranski, who was the Resident Engineer on the Dualization Project, would be the Field Manager on the Bridge Replacement Project. Mr. Palmer said that he would need to be notified in advance of any night work or changes in the traffic pattern that would affect the community. Mr. Nolan said that Brielle would like to have a copy of the plans and specs in their office for reference. Both Brielle and the Police would expect to receive calls from the public for information about the project. Mr. Nolan said that waivers from the noise ordinance could be reviewed on a case by case basis as was done on the Dualization project, but a resolution would not be proposed to set aside the noise ordinance for this project. Methods of communication with Brielle and the public were discussed.

Mr. Baran stated that a detour would be instituted at the end of Stage 1 in December 2006 for the closure of River Road and Riviera Drive. Route 70 through traffic will not be affected. The duration of the detour is expected to be 5 days.

Any additions and/or corrections to these minutes are to be submitted to the writer within five (5) working days of receipt, or they will be considered as a final record of the meeting as written.

Eric Yermack, P.E.
Project Manager

C: P. Patel, A. Marsella - NJDOT