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December 12, 2023

Via Email

Mr. Doug Small, Director
Department of Public Works
20 Ponderosa Road
Ashland, MA 01721

Re: T-Mobile Installation on Cedar Peer Review #2

Dear Mr. Small,

We are writing this letter to report our findings from our second peer review of the T-Mobile Wireless Communications installation at the Cedar Street water tank site in Ashland MA.

We have received a set of revised plans submitted by Prince Lobel Tye LLP on behalf of T-Mobile, on December 7, 2023, via email from Peter Matchak of the Ashland Planning Department. The drawing set contained twelve (12) drawings with a revision date of December 5, 2023, and entitled "Site Number: 4BS0539A Site Name: BS539/Cedar Street WT-RFP". The work proposed by T-Mobile appears to include removal of equipment and mountings from the roof of the tank and relocation of equipment to the shell of the tank. We also received a revised Structural Analysis Report dated December 5, 2023, as prepared by Advanced Engineering Group, P.C., Inc. via December 7, 2023, email.

It is our understanding that the Ashland Planning Board is awaiting the completion of our peer review prior to their approval of the project. We have included the following list of recommendations to be considered by Ashland.

Drawings Review

We have highlighted the major comments below.

Sheet A-2

1. Previously included on Peer review #1 but not addressed on the revisions. Detail 2/A-2: Cable leaving end of the cable tray, how will the end of the cable tray be

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closed with a cable leaving the end of the tray? This was discussed in our peer review meeting and the decision was to show an end cap design.

Sheet No. A-5

1. Detail 4/A-5: Shows the cable tray offset from the tank shell at 8". We recommend maintaining at least 10" offset to facilitate tank rehabilitation when necessary. The 10" offset will allow the tank rehabilitation work to occur behind the trays without requiring tray removal.

Sheet S-4

1. There were minimal surface preparation and coating application notes for tank coating system repairs under stud weld notes on the 1st drawing submission. We discussed it during the peer review meeting, and all agreed we would forward recommended notes for inclusion on the drawings to cover all coating repairs included the required repairs when the roof top equipment is removed. The revised set did not include the recommended notes.
2. We recommend that any damaged coatings on the existing T-Mobile equipment that will be relocated be repaired along with any damage to the tank coatings during upgrade.

General Notes

1. We recommend adding a note indicating a Preconstruction Meeting shall be held by the Town before any work is started.
2. Install T-Mobile placards in each sector, 12"x12" maximum in size, legible form ground, as approved by Ashland Planning Board.

We have the following comments regarding the structural analysis report.

1. As required by the Communications Standard for this tank and typical for communications equipment projects, a Certification Letter is required from the structural engineer to allow Ashland Water Department to comply with MassDEP Policy DWP98-01, regarding antennae installations on water storage tanks. The applicant has not provided the letter to date.

The Ashland Planning Board is holding a second meeting on the project this week, to review the peer review progress and determine if they can approve project. If in agreement, please notify Peter Matchak of your decision. We have also carbon copied Peter on this letter.



If you have any questions regarding this letter, please feel free to contact our office. If you agree, the letter can be passed on to the applicant.

Sincerely,

Haley Ward, Inc.

Gregory J. Eldridge, P.E.
Vice President - Senior Project Manager

Cc: Dan Maurer – Ashland - via email
Peter Matchak - Ashland

Enclosures: Drawings

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