

# Essex County, NJ

## LLPT 1 Touchpoint Call Notes - Internal

### ATTENDEES

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### Township of South Orange Village, NJ

**DATE:** Monday, December 14, 2020 **TIME:** 2:00 PM – 3:15 PM

**LOCATION:** Virtual Webinar

Action Item	Owner
1. FEMA to develop draft Levee Plan including items still needed for certification and general level of effort to obtain them.	FEMA/STARR II
2. USACE to send 1969 Design Memo to FEMA	USACE

### FTP Site Information

**Browser link:**

[South Orange, NJ LLPT](#)

### AGENDA

LLPT1 RECAP

OUTSTANDING QUESTIONS

REVIEW LEVEE APPROACH OPTIONS

PATH FORWARD AND NEXT STEPS

### MEETING OVERVIEW

This meeting was a recap of LLPT1 and a discussion of how the Township would like to see the flood risk behind these levees mapped in the future.

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### ATTENDEES *Continued*

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### DIALOGUE

Kunal: Why is there a spike in the freeboard line at 450 ft for the Left Bank North Levee graph?

Trevor: NFIP regulations require an extra 1 ft of freeboard within a certain distance (100 feet upstream and downstream) of structures.

Mike: The DPW garage has had 12 ft of water. What can be done to address that?

Walter: What do you want from South Orange?

Shu: FEMA wants to better understand the existing levees to properly write the Levee Plan and inform future engineering scoping.

Walter: For the upstream portion, flooding is not an issue since the retaining wall is 8-10 ft above the stream surface. Trees are an issue for damaging the fence and undermining the wall with roots. Flooding is much worse downstream at the DPW property.

Sal: There have been no improvements to the project in the last 25 years. The Village only removes sediment from the channel.

Jeff: The short floodwall at the northern end is meant to provide some flood protection. When it was designed it was to account for freeboard, but now it would be considered a floodwall.

Stephanie: Is the township interested in these levees continuing to be shown as providing flood protection on the FIRMs?

Walter: Yes. The village is a wealthy and densely developed suburb with many homes close to the river.

Kunal: Most communities in NJ would want to have their levees shown as reducing the SFHA, but what is the expense? Can FEMA identify the required data and analysis needed from the Township?

Mike: What are the next steps to help mitigate the DPW garage?

Shu: The Levee Plan that will result from this effort will document that the DPW garage flooding is a significant issue for the community. In the future, FEMA will initiate a new study intended to update flood risk

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mapping that may be used by the community to evaluate mitigation measures.

Walter: We need to know the benefits and costs of levee certification and accreditation in order to present a recommendation before the Township board.

Shu: We do not have all of that information now. We plan to include what we have in the Levee Plan.

Jeff: USACE will send 1969 design plans to FEMA for reference.