

## **MEMORANDUM**

TO: File

FROM: David Hastings, P.E., PTOE

DATE: June 28, 2024

RE: Evaluation of Traffic Data for 2024 Update to STAMP Development

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### **Background**

The Western New York Science & Technology Advanced Manufacturing Park (STAMP), located in the Town of Alabama, Genesee County, New York, has been in planning and development since the early 2010s. The Park will support mixed use development that includes technology manufacturing uses and ancillary development. A Generic Environmental Impact Statement (GEIS) was initially prepared in 2010 and included a traffic study based on development estimates and assumptions from that time. As time passed and revised plans for STAMP developed, an updated traffic study was prepared in 2016 and again in 2023 to evaluate new roadway configurations and traffic impacts from potential tenants of the site. Since 2016, the construction of Stamp Dr has been completed, however, no tenants have fully developed business on the site yet.

The Genesee County Economic Development Center (GCEDC) had previously identified the first tenants scheduled to build out over 2 phases at STAMP, which was analyzed as part of the 2023 traffic study update. The first tenants were Plug Power and Edwards (Kingfisher) in Phase 1 and Scannell in Phase 2. Since this 2023 update, both tenants in Phase 1 have already begun construction of their respective developments.

It is now anticipated that Scannell will not have any pending development at the STAMP site. This memo is intended to analyze the traffic impacts at this location.

### **Previous Analysis**

In the previous Traffic Analysis (2023), it was determined that the Phase 2 volumes estimated to be generated by Scannell were slightly less than the volumes calculated for the assumed developments in the 2016 analysis. The conclusion of the 2023 analysis was that the recommendations reached in the 2016 Evaluation would still apply and no additional mitigation measures were necessary.

Phase 2: Addition of Scannell (Previously Planned Development)

- Phase 1 developments to continue with same operations
- Scannell expected to operate 24/7 with 826 employees



### **2024 Update**

The Scannell development evaluated in the 2023 update for a possible phase 2 is no longer planned. For this 2024 update, traffic volumes are assumed to be even smaller than projected in the 2023 traffic update with the removal of Scannell Properties.

The Phase 1 volumes would be the same as assumed in the 2023 Update. The conclusions and recommendations reached in the 2023 Update still apply. Similar to the 2023 traffic analysis, no new mitigation measures are necessary.

### **Future Bypass Road with Roundabout**

The STAMP Master Plan includes a bypass road connecting from Stamp Dr to Crosby Rd near Route 77. The project team is considering plans to reconstruct the intersection of Crosby Rd with Route 77 into a roundabout so that the future bypass road can be connected directly into that intersection. This intersection hasn't been identified as having any traffic concerns, however, the roundabout would alleviate geometric challenges with the existing three-leg intersection. The roundabout would shift the intersection to the southeast and provide four approaches. Roundabouts efficiently distribute traffic through the intersection and this location would be expected to function at a high level of service.

As previous analysis has indicated, most STAMP related traffic is expected to originate and depart towards I-90 which is south of STAMP. The intersection of Crosby Rd with Route 77 is on the north side of STAMP and therefore it is expected that only a small percentage of site generated traffic would affect the proposed roundabout. However, if the roundabout is implemented it will generally improve functionality at this intersection.