Attachment B Amendment 1 to CSA with MNS Engineers Scope of Work

The following is a summary of the revised 'Scope of Work' that will be included in the Contract Services Agreement Amendment Number 1 with MNS Engineers for the Cary Haas Pedestrian Bridge, Project No. 2024.1010:

- 1. Section 2 of the Agreement entitled "Compensation" is hereby amended to pay Consultant a sum not to exceed **513,337.00**; and
 - 2. Exhibit A of the Agreement entitled "Scope of Services" is hereby amended to read:

Added the following additional services to tasks listed in the Scope of Work:

Task 2 – Environmental

As a result of the altered bridge alignment, new abutments will be placed within the top-of-bank limits delineated by MNS subconsultant EMC Planning. EMC Planning will need to update their Wetland Delineation Report. MNS will need to update the CEQA Categorical Exemption Project Description. MNS will also need to submit an application to the California Department of Fish and Wildlife (CDFW) for a 1602 Streambed Alteration Agreement (SAA) permit.

Task 3 – Survey and Mapping

A Right-of-Way Base Map was listed as optional in the contract. This was requested by the City and provided by MNS in the 35% PS&E deliverable.

Task 5 - Geotechnical Engineering

Subtask 5.3 – Geotechnical Engineering Analyses

• MNS Subconsultant Earth Mechanics, Inc. will need to provide recommendations for pile type and pile length to support the new abutment design.

Task 6 – Hydrology & Hydraulics

Subtask 6.1 – Location Hydraulic Study (LHS) Technical Memorandum

- The FEMA Technical Memorandum may need updated based on the new bridge profile
- and alignment.

Task 7 – Civil Engineering

Approach walkways and surface drainage will need updated to fit the new bridge alignment.

Task 8 - Structural Engineering

Two (2) bridge abutments will need designed as we are no longer using the existing abutments. Existing 35% Plan sheets will require revision, and new sheets will be required, including Abutment Layouts and Details, and Drainage and Approach Slab Layouts and Details. New abutments will also require design, modeling, and calculations.

End of Additional Services