

ATTACHMENT A

**VILLAGE OF OAK PARK
2024 Bridge Repairs for Bridges over I-290
Scope of Services**

PART I – OVERVIEW

TranSystems will perform design engineering and construction management services for various repairs to the Austin Boulevard, Lombard Avenue, East Avenue, Oak Park Avenue and Home Avenue Bridges over the Eisenhower Expressway (I-290), Chicago Transit Authority (CTA) tracks, and CSX railroad in the Village of Oak Park.

PART II – SCOPE OF WORK

1. Design Engineering Services. TranSystems will develop calculations, plans, details, and specifications for the repairs of the above-mentioned bridges per the recommendations of the previously completed “5-Year Plan for Bridges Over I-290” report dated August 31, 2022 listed below.
 - a. Austin Boulevard (SN 016-2063):
 - Remove and replace the four expansion joints and detail any necessary pavement restoration to bituminous roadway.
 - Perform deck repairs for several small patches on the bridge.
 - Repair portions of the damaged curb with concrete repair material.
 - Apply protective coat to the entire surface of the deck.
 - Replace bolts in the handrail.
 - b. Lombard Avenue (SN 016-2062):
 - Remove and replace expansion joints at the abutments and detail any necessary pavement restoration to bituminous roadway.
 - Blast clean the expansion joint at Pier 1 and remove any debris that may impact the joints’ performance.
 - Perform full depth deck repairs.
 - Install protective shielding as part of the full depth deck repairs.
 - Repair portions of the damaged curb with concrete repair material.
 - Apply protective coat to the entire surface of the deck.
 - c. East Avenue (SN 016-2061):
 - Blast clean the expansion joints and remove any debris that may impact the joints’ performance.

- Perform deck repairs for several small patches on the bridge.
 - Apply protective coat to the entire surface of the deck.
- d. Oak Park Avenue (SN 016-2123):
- Blast clean the expansion joints and remove any debris that may impact the joints' performance.
 - Repair expansion joints.
 - Perform deck repairs for several small patches on the bridge.
 - Apply protective coat to the entire surface of the deck.
 - Install protective shielding under the east sidewalk and replace existing protective shielding above I-290.
- e. Home Avenue (SN 016-2060):
- Blast clean the expansion joints and remove any debris that may impact the joints' performance.
 - Perform deck repairs for several small patches on the bridge.
 - Apply protective coat to the entire surface of the deck.
- f. The details are based on field measurements, and the dimensions shall be verified by the Contractor prior to the start of construction.
- g. One field visit will be required to verify the initial measurements taken during the development of the 5-Year Plan and document any changes since the previous inspection.
- h. The construction and materials used shall meet the requirements of the Illinois Department of Transportation Standard Specification for Road and Bridge Construction, 2022 with Supplemental Specifications and Recurring Special Provisions Adopted January 1, 2023.
- i. Incorporate the plans and specifications from the Home and Oak Park Avenue Railing Repairs project into this planset.
2. Construction Management Services. All work will adhere to the Illinois Department of Transportation Standards, as required. TranSystems will provide the following minimum scope of services:
- a. Provide inspection services on an as-needed basis during the construction of improvements to verify that the project is constructed in accordance with the plans and specifications.
 - b. Communicate with residents and businesses on the Village's behalf regarding the construction operations and schedules.

- c. Maintain a daily record (diary) of the contractor's activities throughout construction, including documenting sufficient information to permit verification of the nature and cost of changes in plans and authorized extra work. All documents shall be in accordance with federal requirements.
- d. Provide the Village with daily work reports
- e. Provide digital construction photographs documenting progress of work.
- f. Conduct meetings with the contractor on the project and all interested parties to discuss the progress of the project and other matters requiring discussion as needed.
- g. Revise contract drawings to reflect as-built conditions for the project. Provide the Village with electronic files of the as-built drawings.
- h. Prepare and submit to the Village all required partial and final pay estimates, change orders, records and reports.

3. Project Management.

- a. Administration – This work includes project coordination, scheduling, and invoicing.
- b. Meetings – One meeting (in-person or virtual) with the Village is assumed. TranSystems will record and distribute meeting minutes for each meeting.
- c. QA/QC – Quality assurance and quality control are required for the review of the calculations, plans, details, and specifications.

4. Agency Coordination and Permitting.

- a. Coordinate all required permits for work above or adjacent to IDOT, CDOT, or railroad properties.

PART III – FEE

- 1. TranSystems will be compensated for the performance of the above-described Services by payment on our standard hourly rates for work performed not to exceed a total of \$69,940.

Oak Park 2024 Bridge Repairs - Fee

TASK / DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	QUALITY MANAGER	DESIGN ENGINEER	CONST. INSPECT.	ADMIN.	TOTAL HOURS
Repair Plans	40	60		100			200
Construction Management Services					120		120
Quality Assurance / Quality Control			40				40
Project Management	20						20
Agency Coordination & Permitting	20			40			60
Administration						4	4
TOTAL MANHOURS	80	60	40	140	120	4	444
Hourly Rate	\$210.00	\$145.00	\$290.00	\$120.00	\$130.00	\$110.00	
Direct Labor	\$16,800	\$8,700	\$11,600	\$16,800	\$15,600	\$440	
TOTAL DIRECT LABOR							\$69,940