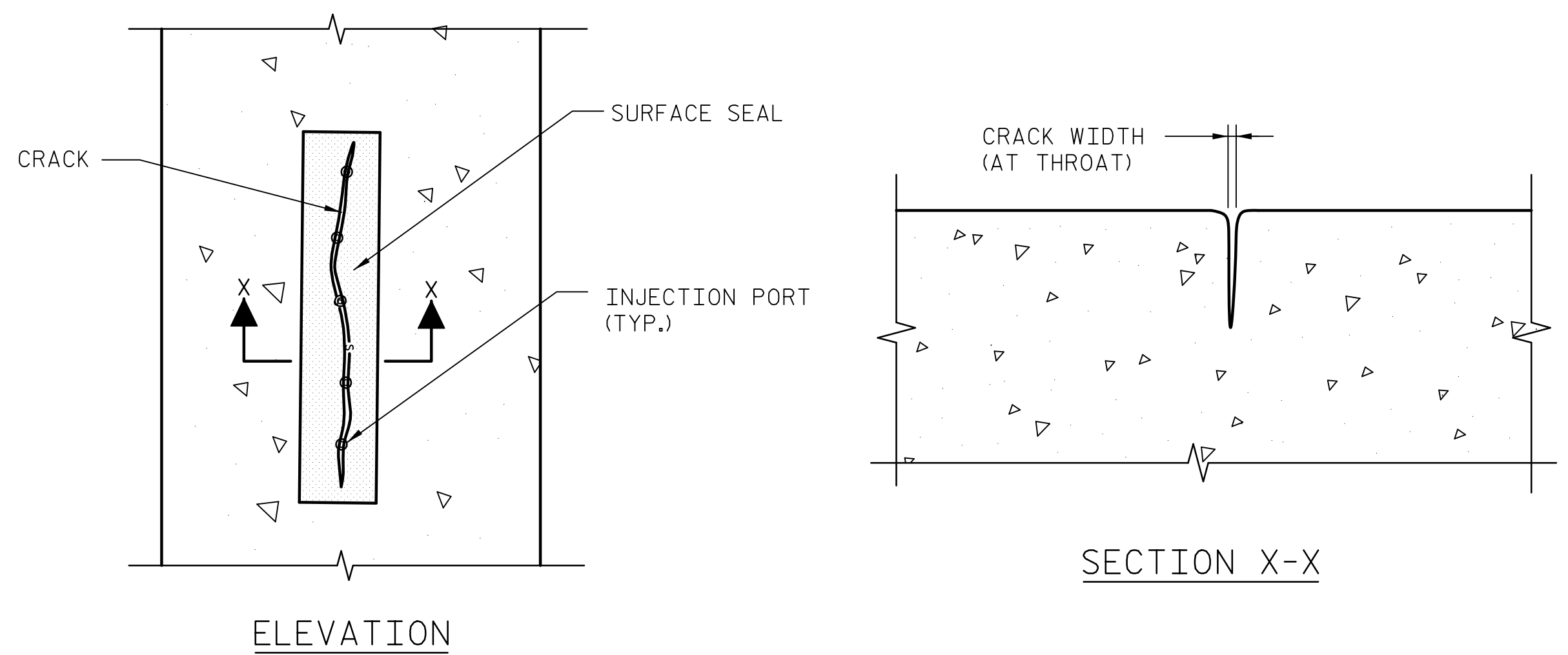


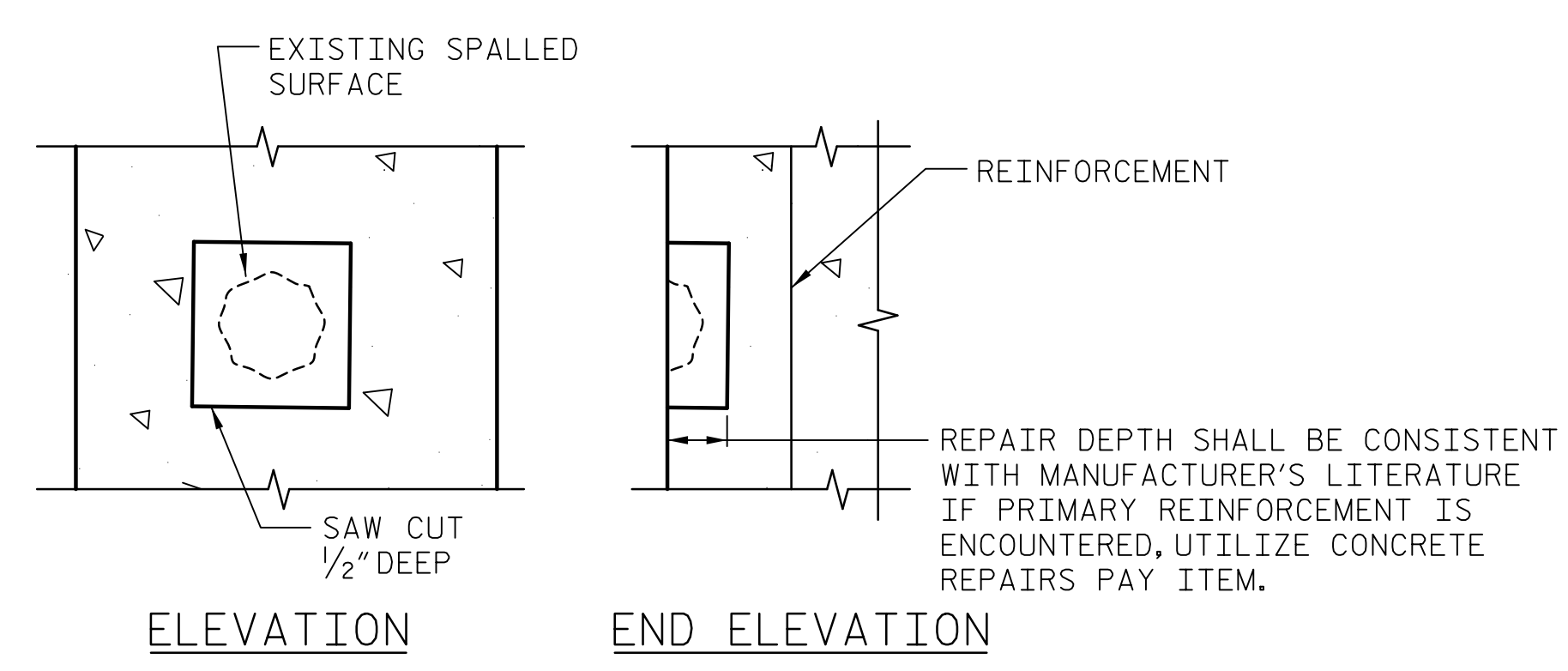
DATE: 2/10/2023  
TIME: 11:42:43 PM

USER: pwy@aecom.com  
DGN: pwy@aecom.com  
PROJECT: U-5748  
DRAWING: U-5748-SMU-DET-RS-6-91021

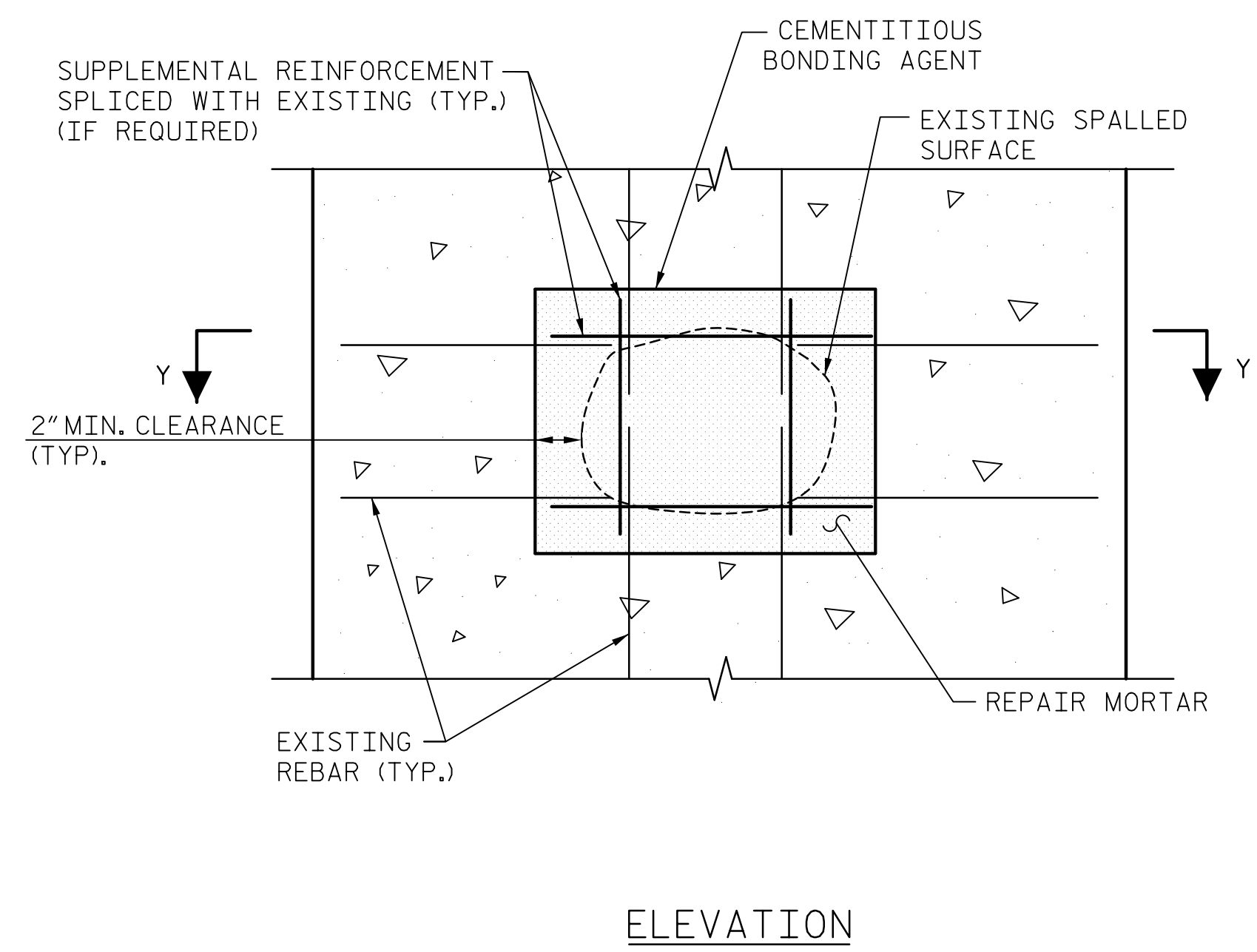


**EPOXY RESIN INJECTION DETAIL**

REPAIR CRACKS AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE EPOXY RESIN INJECTION SPECIAL PROVISION.

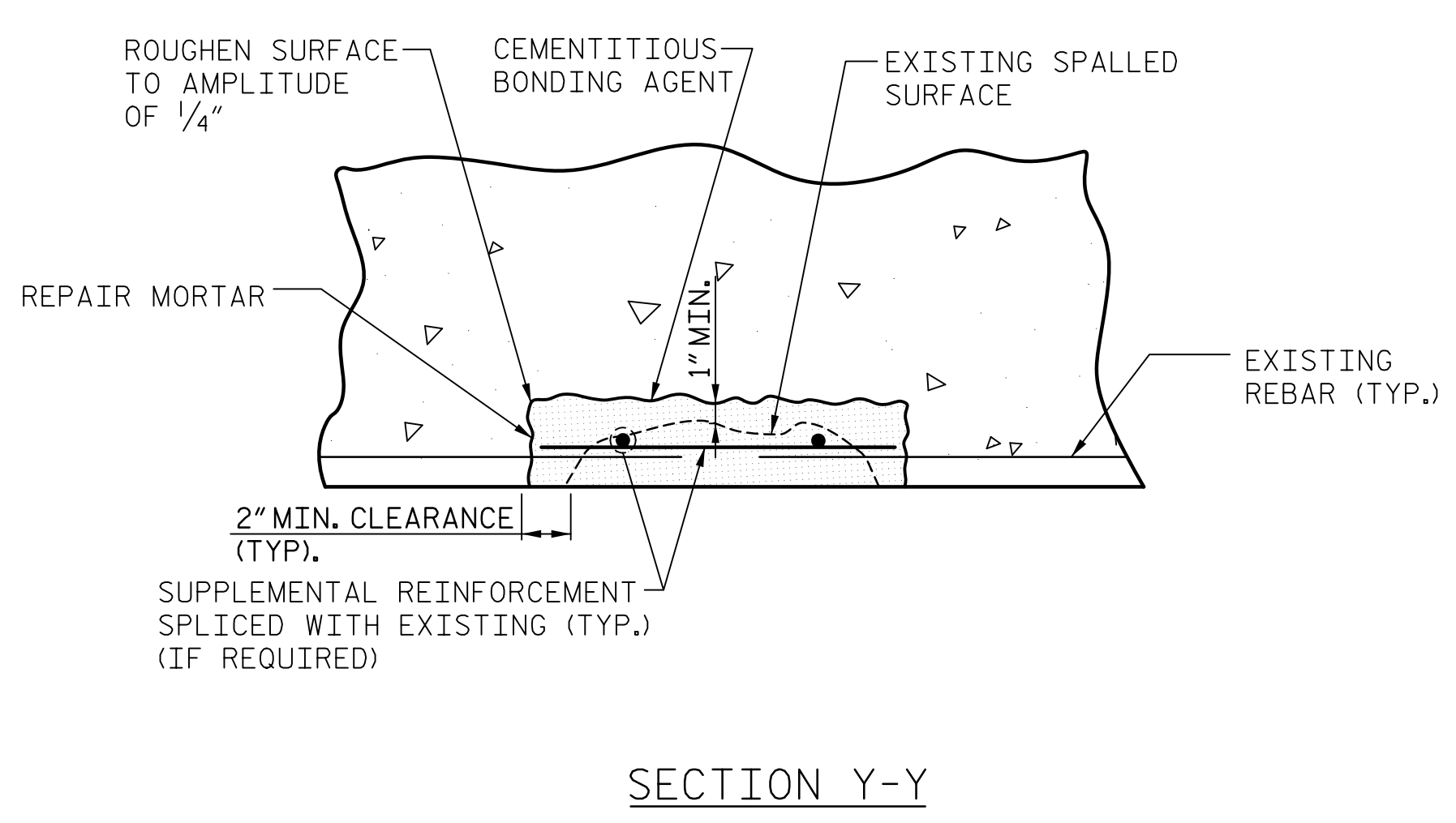


**EPOXY MORTAR REPAIRS**



**CONCRETE REPAIR WITH EXPOSED REBAR**

SUPPLEMENTAL REINFORCING SHALL BE INSTALLED IF REQUIRED IN ACCORDANCE WITH THE SPECIAL PROVISION, UNLESS NOTED OTHERWISE OR AS DIRECTED BY THE ENGINEER.



**PRESERVATION AND REPAIR NOTES**

DEFECTS SHOWN ON THE REHABILITATION PLANS FOR ALL BRIDGES ON PROJECT WERE RECORDED DURING AN INSPECTION IN NOVEMBER 2020. THE CONTRACTOR'S ATTENTION IS BROUGHT TO THE FACT THAT THE CONDITION OF THE STRUCTURE DURING THE REHABILITATION MAY DIFFER FROM THE CONDITION OF THE STRUCTURE DURING THE INSPECTION.

ASSUMED APPROXIMATE REPAIR DIMENSIONS ARE SHOWN IN THE DEFECT TABLES. THE DIMENSIONS SHOWN ARE ONLY FOR DETERMINING AN APPROXIMATE REPAIR QUANTITY FOR THE BID TABULATION. CONTRACTOR SHALL PERFORM ACTUAL REPAIR VOLUME REQUIRED BY THE ENGINEER.

THE ENGINEER SHALL DETERMINE THE ACTUAL REQUIRED DEFECT DIMENSIONS AND THE REPAIR TYPE TO BE PERFORMED FOR EACH DEFECT, IN A MANNER THAT IS CONSISTENT WITH THE INFORMATION SHOWN IN THESE PLANS.

CONTRACTOR SHALL THOROUGHLY CLEAN THE STRUCTURE AND REMOVE ALL VEGETATION, SOIL, DISCOLORATION, AND GREASE, PRIOR TO MAKING REPAIRS.

CONTRACTOR SHALL CLIP ALL NAILS, OLD INJECTION PORTS, NAVIGATION SIGNS, OR OTHER METAL ITEMS PROJECTING OUT OF THE STRUCTURE AT THE SURFACE OF THE CONCRETE, PRIOR TO MAKING REPAIRS.

WHEN DETERMINING CONCRETE REPAIR VOLUME, THE REPAIR DEPTH FOR MOST DEFECTS HAS BEEN ASSUMED TO BE 4". THE ENGINEER SHALL DETERMINE THE ACTUAL REPAIR DEPTH IN ACCORDANCE WITH THE SPECIAL PROVISION.

FOR CONCRETE REPAIRS, EPOXY MORTAR REPAIRS, AND EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

PROJECT NO. U-5748  
WAKE COUNTY  
 STATION: 24+88.00 -L-

**AECOM**  
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**PROFESSIONAL SEAL**  
 GREGORY R. COLS  
 ENGINEER  
 SEAL 041343  
 2/10/2023

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
PRESERVATION					
REPAIR DETAILS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO. S1-61					TOTAL SHEETS 119

DRAWN BY : D. KIM	DATE : 10/2022
CHECKED BY : G. COLS	DATE : 10/2022
DESIGNED BY : G. COLS	DATE : 10/2022
DESIGN CHECKED BY : J. SLOAN	DATE : 10/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED