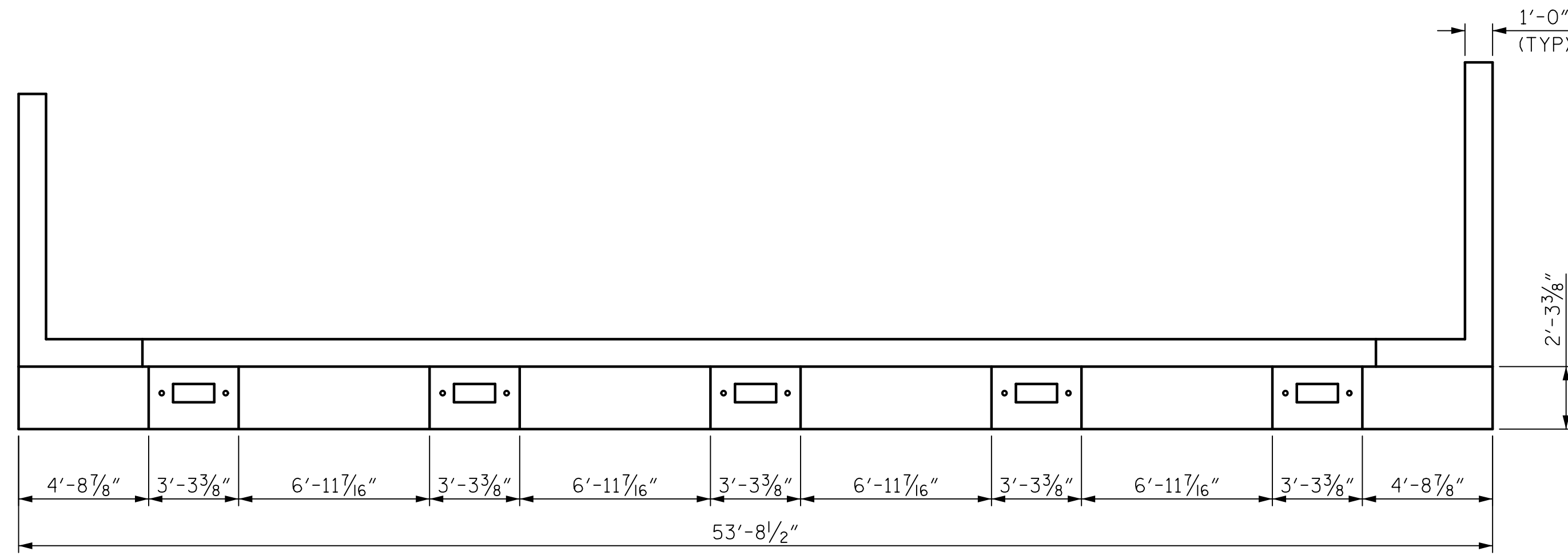
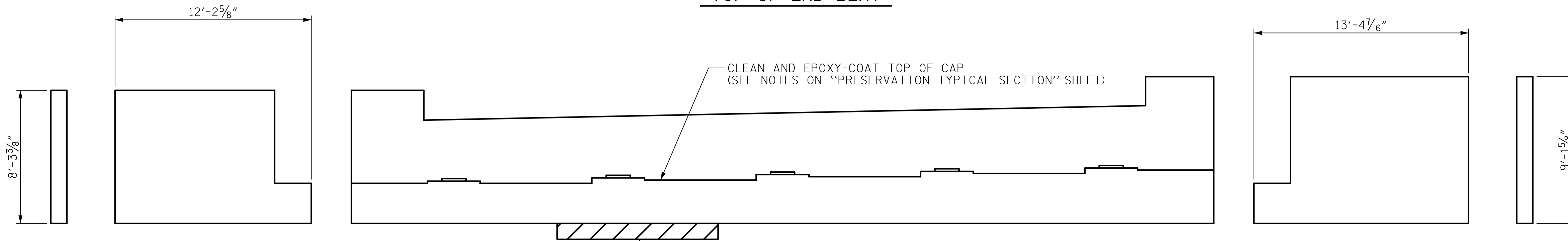


NOTES:  
EXISTING STRUCTURE SHOWN PRIOR TO WIDENING.



TOP OF END BENT



WEST WINGWALL

SOUTH FACE

EAST WINGWALL

REPAIR 6FT LONG X 2FT DEEP UNDERMINING OF CAP BELOW BEAM 2 USING FLOWABLE FILL. EST. 1.0 CY. SEE NOTES.

REPAIR TABLE		
PAY ITEM	EST.	ACTUAL
FLOWABLE FILL (PRESERVATION) (CY)	1.0	

FLOWABLE FILL NOTES:

PLACE FLOWABLE FILL IN VOID AREAS BELOW END BENT CAP AS DIRECTED BY THE ENGINEER.

THE ENGINEER SHALL INSPECT THE REPAIR AREA PRIOR TO INSTALLATION OF FLOWABLE FILL AND DELINEATE THE LENGTH OF REPAIR ALONG THE FACE OF THE END BENT CAP.

RIPRAP SHALL BE REMOVED AS REQUIRED FOR PLACEMENT OPERATION. ANY RIPRAP REMOVED SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.

FLOWABLE FILL SHALL BE PLACED BEGINNING AT THE BACK OF THE VOID AREA, WORKING TOWARDS THE FRONT FACE OF THE CAP. VOIDS SHALL BE FILLED TO THE SATISFACTION OF THE ENGINEER.

FORMWORK SHALL BE USED TO CONTAIN FLOWABLE FILL. FLOWABLE FILL MAY BE ALLOWED TO EXTEND UP TO 6" BEYOND THE FRONT FACE OF THE CAP.

CARE SHALL BE TAKEN TO PREVENT FLOWABLE FILL FROM FLOWING DOWN THE SLOPE, CONTACTING THE SUPERSTRUCTURE, OR ENTERING ANY WATERWAY. A METHOD OF CONTAINMENT SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER PRIOR TO BEGINNING WORK.

AN ESTIMATE OF FLOWABLE FILL IS PROVIDED ON THE PLANS BASED ON THE BEST INFORMATION AVAILABLE. AFTER INSPECTION BY THE ENGINEER, THE ESTIMATE SHALL BE REVISED. DURING PLACEMENT OPERATION, IF THE PLACED VOLUME OF FLOWABLE FILL EXCEEDS THE ESTIMATE BY 20%, WORK SHALL STOP AND THE ENGINEER SHALL BE NOTIFIED.

FLOWABLE FILL SHALL BE IN ACCORDANCE WITH SECTION 1000-6 OF THE STANDARD SPECIFICATIONS.

FLOWABLE FILL SHALL BE MEASURED AND PAID FOR PER CUBIC YARD INSTALLED. INSTALLATION EQUIPMENT, FORMWORK, LABOR, AND OTHER ITEMS NECESSARY FOR THE INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO THE OPERATION.

FOR FLOWABLE FILL (PRESERVATION), SEE SPECIAL PROVISIONS.

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

**AECOM**  
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**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 041543  
 ENGINEER  
 GREGORY R. COLS

2/10/2023

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
PRESERVATION					
END BENT 2					
(SOUTHBOUND)					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS 119

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DATE: 2/10/2023 TIME: 11:27 PM  
USFP: gordon PW: gordon.com AECOM\_DS21\_MLA\_2020\Documents\60609754-U-5748 Ugon MIT900-CAD GIS\910-CAD\YD\_MCDOT\_TIP\Structures\04 Drawings\402\_U-5748\_SNU\_EBPR\_S2\_SB\_S101\1

DRAWN BY : G. COLS	DATE : 12/2022
CHECKED BY : D. DRUM	DATE : 12/2022
DESIGNED BY : G. COLS	DATE : 12/2022
DESIGN CHECKED BY : D. DRUM	DATE : 12/2022