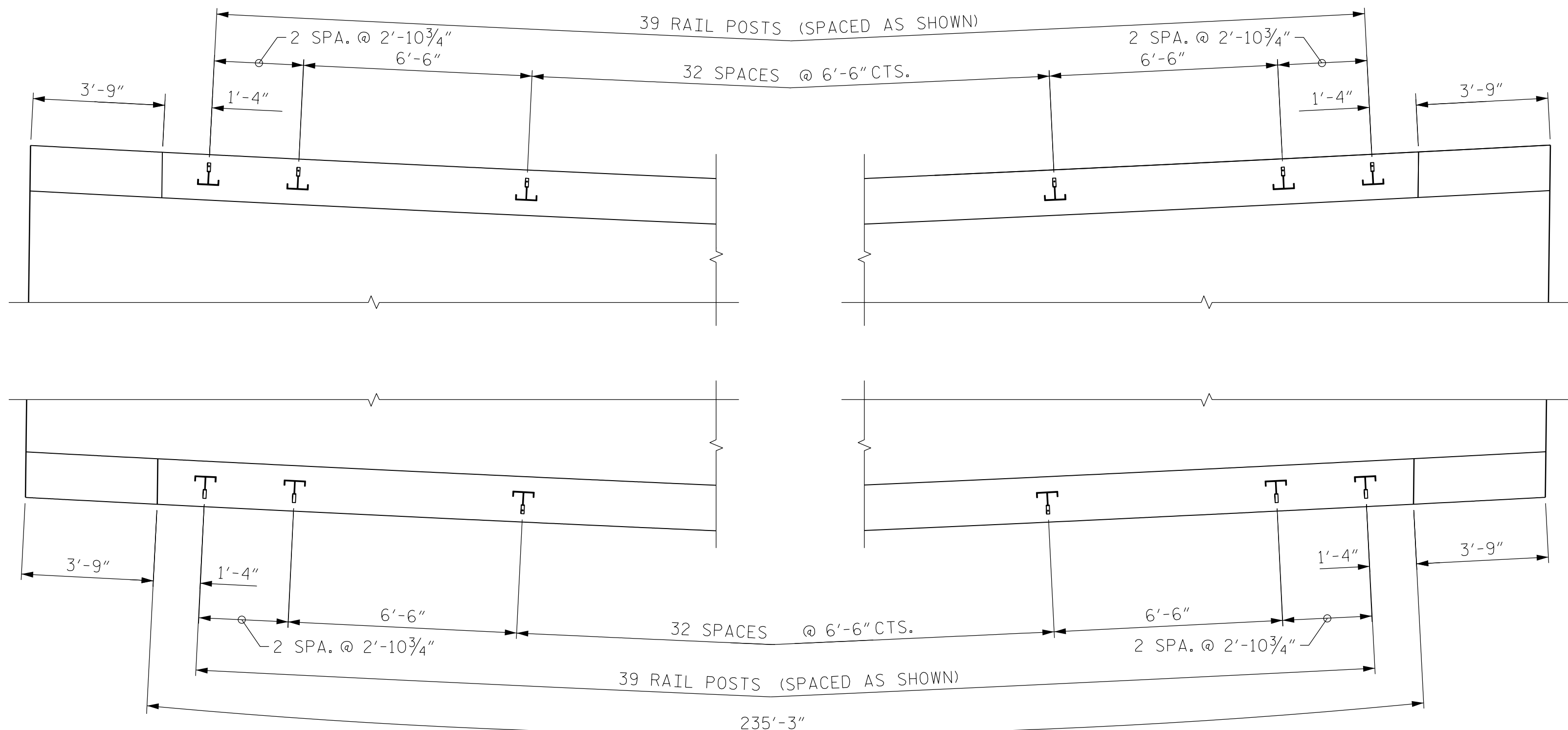


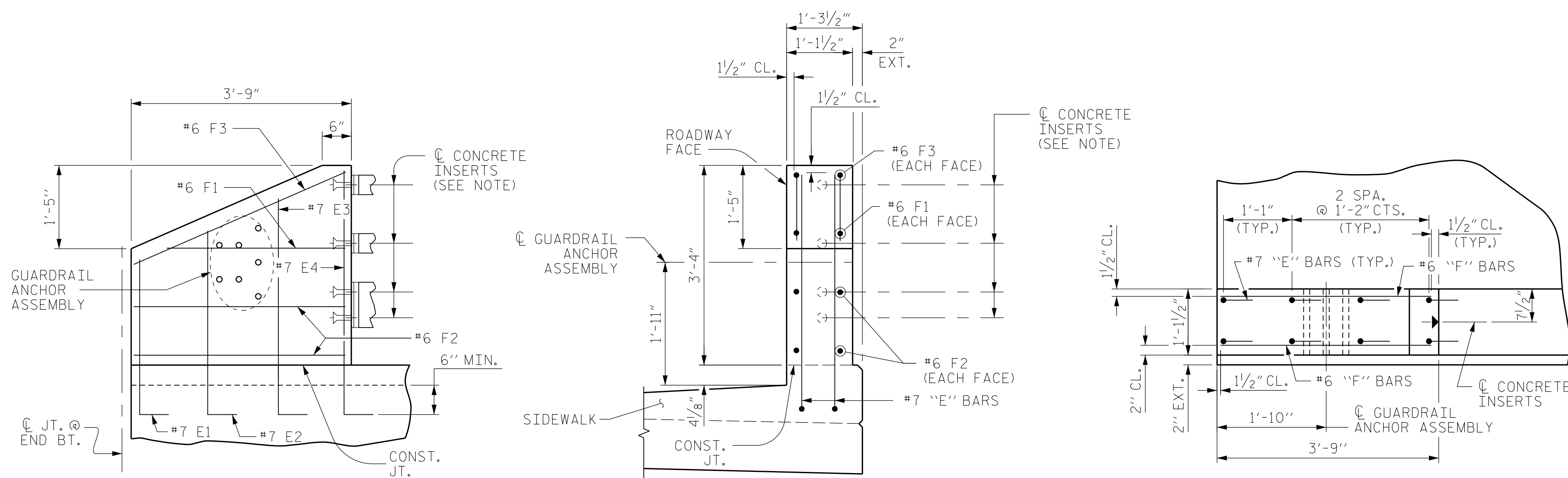
DATE: 11/30/2016
TIME: 10:06:15 AM

USER: N:\Users\jmorris\OneDrive\Documents\Projects\147+80\U-4910A\SMU_S27_EP3BAR.dgn
DGN: C:\63203047\147+80\Structural\Comp\401_053_U4910A_SMU_S27_EP3BAR.dgn



PLAN

DIMENSIONS ARE MEASURED ALONG THE ARC AT THE OUTSIDE EDGE OF SUPERSTRUCTURE



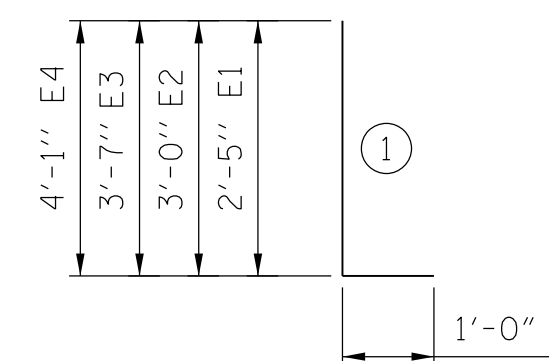
ELEVATION

END VIEW

PLAN

END POST DETAILS

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

BILL FOR ONE END POST

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* E1	2	#7	1	3'-5"	14
* E2	2	#7	1	4'-0"	16
* E3	2	#7	1	4'-7"	19
* E4	2	#7	1	5'-1"	21
* F1	2	#6	STR	1'-10"	6
* F2	4	#6	STR	3'-0"	18
* F3	2	#6	STR	3'-4"	10

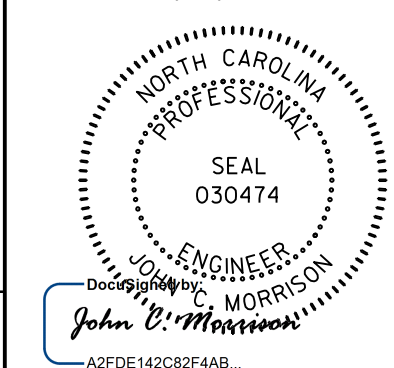
EPOXY COATED REINFORCING STEEL		LBS.	104
CLASS AA CONCRETE		C.Y.	0.43
TOTAL EPOXY COATED REINFORCING STEEL		LBS.	416
TOTAL CLASS AA CONCRETE		C.Y.	1.7

PROJECT NO. U-4910A
CABARRUS COUNTY
STATION: 147+80.00 -L-



AECOM TECHNICAL SERVICES, INC.
701 CORPORATE CENTER DRIVE, SUITE 475
RALEIGH, NC 27607
(919) 854-6200
www.aecom.com
AECOM License No. F-0342

11/30/2016



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
RAIL POST SPACING
& END POST DETAILS

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.

S-27

TOTAL SHEETS
55

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY : N.K. BROWN DATE : 4/20/16
CHECKED BY : J.C. MORRISON DATE : 7/20/16
DESIGNED BY : N.K. BROWN DATE : 4/20/16