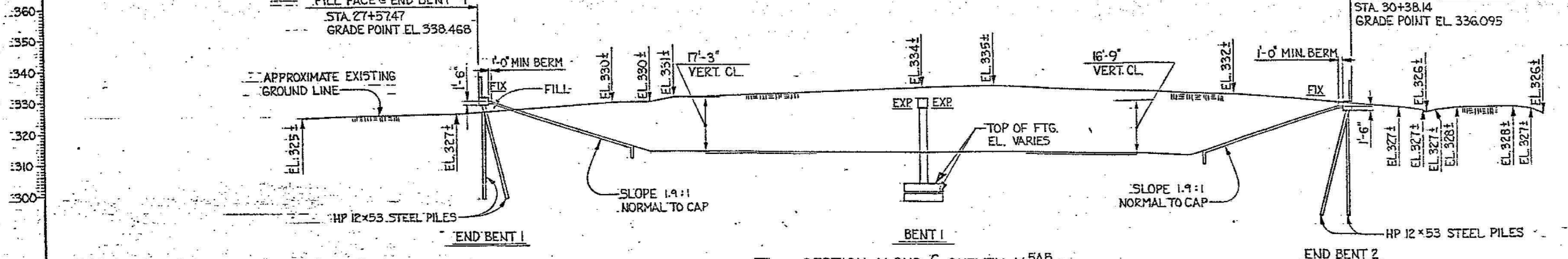


+2.2800% Δ -2.7018%
 P.I. = 27+45'
 EL. = 345.97'
 1200' V.C.



NOTES

ASSUMED LIVE LOAD = HS 20-44 OR ALTERNATE LOADING.

FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET 5-N.

COMPUTED FOUNDATION LOAD FOR BENT NO. 1 EQUALS 3 TONS PER SQ. FT.

WORK SHALL NOT BE STARTED ON THIS BRIDGE UNTIL ROADWAY SECTION HAS BEEN EXCAVATED.

ALL STRUCTURAL STEEL FOR THIS STRUCTURE SHALL BE UNPAINTED ASTM A572 STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI UNLESS OTHERWISE NOTED ON THE PLANS.

FOUNDATION EXCAVATION TO BE MEASURED FROM THE GRADED ROADWAY TYPICAL SECTION.

PILES FOR END BENTS NO. 1 & 2 SHALL BE DRIVEN TO A MINIMUM BEARING CAPACITY OF 45 TONS EACH.

FOR EPOXY PROTECTIVE COATING, SEE SPECIAL PROVISIONS.

FOR SURFACE PREPARATION AND PROTECTION OF UNPAINTED STRUCTURAL STEEL, SEE SPECIAL PROVISIONS.

FOR PROTECTION OF SUBSTRUCTURE, SEE SPECIAL PROVISIONS.

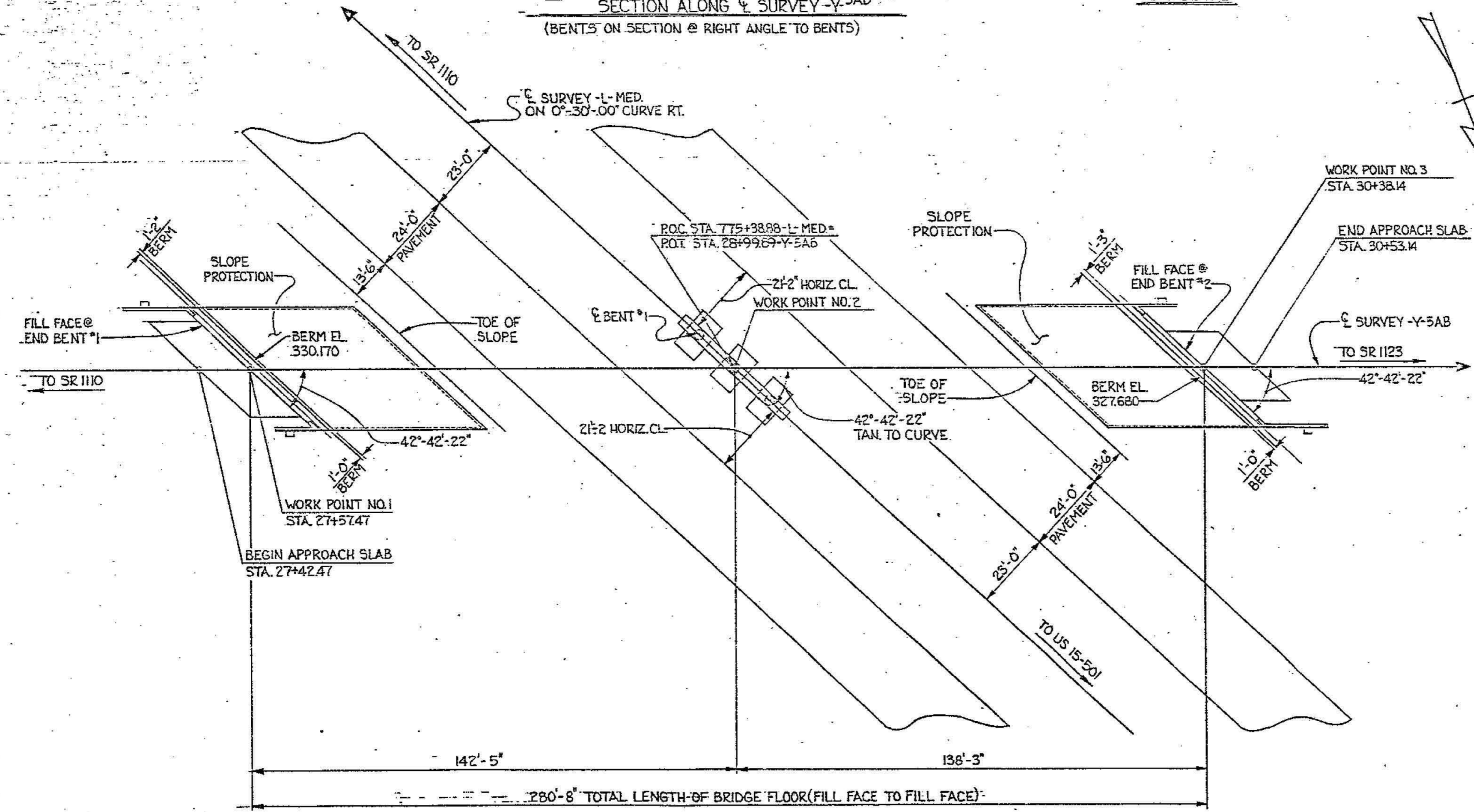
FOR REINFORCED CONCRETE DECK SLAB, SEE SPECIAL PROVISIONS.

FOR FABRICATED METAL STAY-IN-PLACE FORMS, SEE SPECIAL PROVISIONS.

FOR CURING BRIDGE DECK SLABS, SEE THE SPECIAL PROVISION, "REINFORCED CONCRETE DECK SLAB".

ALL REINFORCING STEEL SHALL BE GRADE 60.

BRIDGE # 302



FOR INFORMATION ONLY

DRAWING C19 OF 24

PROJECT No. 81457904
 ORANGE / DURHAM / COUNTY
 STATION: 775+3888-L-MED. - 28+99.69-Y-5AB

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING FOR BRIDGE ON SR 2220 OVER I-40 BETWEEN SR 1110 AND SR 1123

REVISIONS					SHEET NO. 5-21-27A
NO.	BY	DATE	NO.	BY	
1			2		TOTAL SHEETS 101
2			4		

DRAWN BY C.S. GODDARD DATE 7-25-83
 CHECKED BY J.M. BRANT DATE 8-22-83

PLAN
 (PILES ARE NOT SHOWN IN PLAN VIEW)

NOTE: BENT AND END BENTS ARE PARALLEL