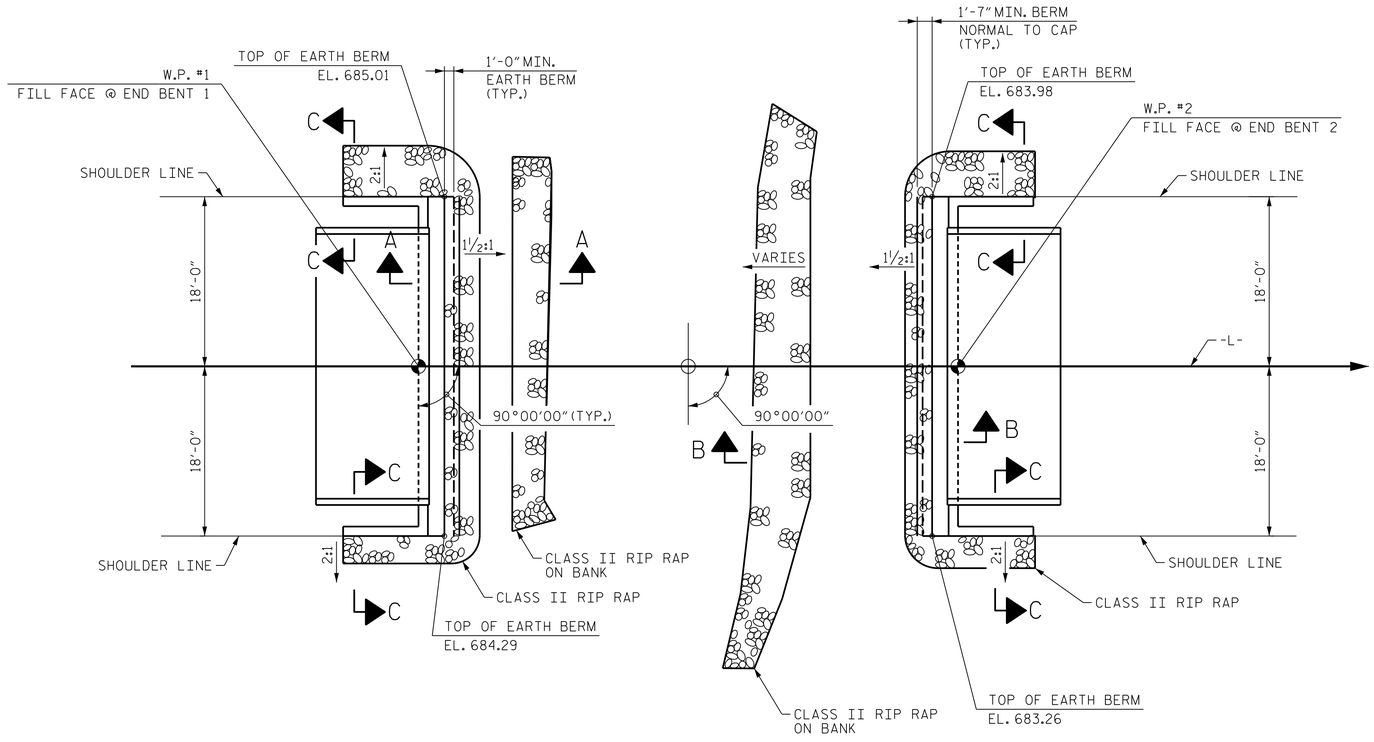
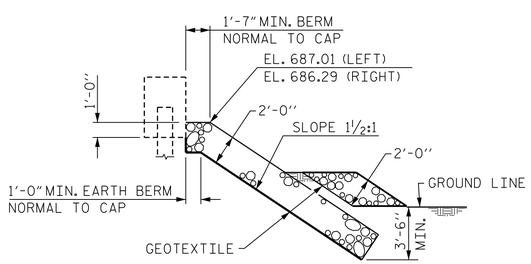


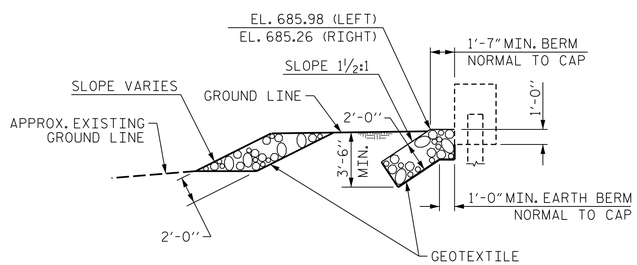
PLAN

ESTIMATED QUANTITIES		
BRIDGE @ STA. 13+75.00 -L-	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE
	TONS ✳	SQUARE YARDS ✳
END BENT 1	74	83
END BENT 2	83	92

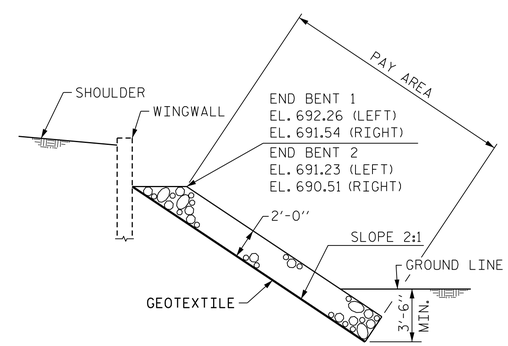
✳ INCLUDES QUANTITY FOR RIP RAP ON BANK



SECTION A-A



SECTION B-B



SECTION C-C

PROJECT NO. 17BP.9.R.14

ROWAN COUNTY

STATION: 13+75.00 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

RIP RAP DETAILS

WSP USA Inc.
1001 MOREHEAD SQUARE DRIVE
SUITE 610
CHARLOTTE, NC 28203
TEL: 1.704.342.5401

WSP.COM

LICENSE NO. F-0165

NORTH CAROLINA PROFESSIONAL SEAL 031988 ENGINEER JACOB P. SHERMAN

DocuSigned by: 7/17/17
Jacob P. Sherman
AE8326DDCE18488...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-12
1			3			TOTAL SHEETS
2			4			13

DESIGNED BY:	J. SMITH	DATE :	MAR 2017
DRAWN BY:	M. HOBBS	DATE :	APR 2017
CHECKED BY:	J. SHERMAN	DATE :	JUL 2017
DESIGN ENGINEER OF RECORD:	J. SHERMAN	DATE :	JUL 2017

7/17/2017
J:\173561 - 2012 NCDOT Division On-Call\173561E Group 5 Bridges\17BP.9.R.14 Rimertown Road\Structures\02-Drawings\400_023_17BP.9.R.14_SMU_RR01.dgn