

HAM COU	NTY		
WALLS			
REVISIONS			
DATE	NO.		
	W1		
-	DATE		

MATERIAL TYPE	UNIT WEIGHT (g) LB/CF	FRICTION ANGLE (f) DEGREES	COHESION (c) LB/SF
COARSE AGGREGATE	110	38	Ø
FINE AGGREGATE	120	34	0
RETAINED SOIL	120	30	0
FOUNDATION SOIL	120	30	0

DATE



	GEOTEC	HNICAL	ENGINEER	
		ROL NE		
	OFESS SEA			
	ALLARD	S WEIN		
END WALL	Soft WUB	01/20/2022		
ELEV. 663.57		UMENT NOT CO	NSIDERED FINAL	
	L			
D LINE (TYP.)				
/ENT WALLS, SEE MECHANICALLY S LS PROVISION.	STABILIZED EAR	ТН	_	
REINFORCED BRIDGE APPROACH F	FILL, SEE BRIDGE	APPROACH		
ACED PRECAST CONCRETE BARRIE	R, SEE ROADWAY	PLANS		
35/ UF THE STANDARD SPECIFIC	ALIONS.			
GEUTEXTILE IS REQUIRED AT THABUTMENT WALLS.	E BACK UF IHE I	KEINFUKÜED		
QUIRED FOR MSE ABUTMENT WALL	S.	DIEV WALL I	ΟΓΑΤΙΩΝ	
ATION OF BRIDGE WINGWALLS. IF FILE VIEW (WALL ENVELOPE) FOR	NECESSARY, SUE REVIEW. DO NOT	START WALL	ED WALL DESIGN OR	
UNTIL THE REVISED WALL ENVEL	_OPE IS ACCEPT	ED.		
BUTMENT WALLS FOR A LIVE LOA	AD (TRAFFIC) SUR	CHARGE.		
OR UTILITIES MAY INTERFERE V	JUARDRAIL,FENCI NITH REINFORCE	L OR HANDRAL MENT FOR MSE	E ABUTMENT WALLS.	
)R END BENT NO.1, LOCATED AT TATION -L- 24+24.75, WILL INTE WALLS NO 1 & 2 SEE EDUNDATI	STATION -L- 23 [.] RFERE WITH REI INN LAYNUT SHF	+11, AND END NFORCEMENT FT FOR FOLINI	BENT NO.2, Nation Locations	
ING WALL NO.1 AND 2 FOR A LA	TERAL LOAD FRO	DM FOUNDATIO	INS LOCATED PSF TO THE	
S OVER TOP TEN FEET OF WALL	THIS LATERAL	LOAD DOES I	NOT AFFECT PULLOUT.	
ION DIMENSIONS AND FOUNDATION	N MATERIAL ARE	APPROVED.	MAX DE LICED	I
MSE AUBUTMENT WALLS. SEE MSE RING FOR WALL CONSTRUCTION.	E AUBUTMENT WALL	ALLS PROVISIO	I MAY BE USED ON FOR	
DITCHES, SEE SECTION 850 OF 1	THE STANDARD S	PECIFICATION	S PROVISION.	
TH BRIDGE CONTRACTOR TO CONS	STRUCT VERTICA	L COPING FOF	MSE ABUTMENT WALLS.	
T MSE WALL REINFORCEMENT TO	END BENT CAPS.			
CTOR'S OPTION, USE FINE AGGRE	GATE IN THE RE	INFORCED ZON	NE	
ARE REQUIRED AROUND PILES FO	OR END BENT NO.	1 LOCATED AT	STATION	
END BENT NO.2 LOCATED AT STAT	TION 21+42.32.			
	PROJECT NO) .: <u>B-5737</u>		
		RO		ΓY
	SHEET 2 OF 4	20+86.0		
ORTH CAROLINA	JULLI Z UF 4			
ENT OF TRANSPORTATION	MSE	ABUTM[ENT WALLS	
SION OF HIGHWAYS	PL	_AN AN[) NOTES	
EOTECHNICAL				
NEERING UNIT	NO. BY	DATE NO.	BY DATE N	HEET NO.
	2	3	V	W2



