



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

December 4, 2023

Addendum No. 1

Contract No.: DA00592

WBS Element: 2024CPT.01.01.10281 & 2024CPT.01.01.20281

Drainage, Milling, Resurfacing, Shoulder Reconstruction, Guardrail & Long-Life Pavement Markings on US 64 By-Pass, US 158, NC 12 & Various Secondary Routes in Dare County

To Whom It May Concern:

Reference is made to the proposal and plans previously furnished for this project.

The following revisions have been made to the proposal and plans:

Pages No. 119 - 122 "Bid Form" have been revised. The quantities associated with "*Milling Asphalt Pavement 1 ½*" and "*Incidental Milling*", have been updated. Please replace the original Pages No. 119 - 122 "Bid Form" with the attached revised Pages No. 119 - 122 "Bid Form".

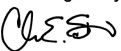
Plan Sheet No. 11 "Summary of Quantities" has been revised. The quantities associated with "*Milling Asphalt Pavement 1 ½*" and "*Incidental Milling*", have been updated. Please replace the original Plan Sheet No. 11 "Summary of Quantities" with the attached revised Plan Sheet No. 11 "Summary of Quantities".

Plan Sheet No. 22 (EC-5) "Plan View Detail Drawing" has been revised to provide additional information, concerning the location of the "Intermediate Headwall". Please replace the original Plan Sheet No. 22 (EC-5) "Plan View Detail Drawing" with the attached revised Plan Sheet No. 22 (EC-5) "Plan View Detail Drawing".

Plan Sheet No. 23 (EC-6) "Cross Section Detail Drawing" has been revised to provide additional information, concerning the location of the "Intermediate Headwall". Please replace the original Plan Sheet No. 23 (EC-6) "Cross Section Detail Drawing" with the attached revised Plan Sheet No. 23 (EC-6) "Cross Section Detail Drawing".

Plan Sheet No. 24 (EC-7) "Detail Drawing" has been revised to provide additional information, concerning the dimensions of the headwalls. Please replace the original Plan Sheet No. 24 (EC-7) "Detail Drawing" with the attached revised Plan Sheet No. 24 (EC-7) "Detail Drawing".

Sincerely,

DocuSigned by:

CDAEAC77A6394FB...

C. E. Slachta
Division Planning Engineer

Cc: C. W. Bridgers, Jr., PE
R. K. Sawyer, PE
R. W. Midgett, PE
M. B Gill, PE
B. N. Braswell, PE
D. B. Otts, PE
C. A. Spear, PE
J. D. Ryder

County: DARE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0106000000-E	230	BORROW EXCAVATION	475 CY		
0003	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	300 TON		
0004	0320000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	480 SY		
0005	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	136 LF		
0006	0546000000-E	310	*** CAA PIPE CULVERTS, ***** THICK (24", 0.064" THICK)	120 LF		
0007	0546000000-E	310	*** CAA PIPE CULVERTS, ***** THICK (60", 0.135" THICK)	215 LF		
0008	0992000000-E	SP	GENERIC PIPE ITEM ALUMINUM STRUCTURAL PLATE ENDWALL (CONTRACTOR DESIGNED)	3 EA		
0009	1121000000-E	520	AGGREGATE BASE COURSE	300 TON		
0010	1220000000-E	545	INCIDENTAL STONE BASE	24 TON		
0011	1245000000-E	SP	SHOULDER RECONSTRUCTION	4.37 SMI		
0012	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	61,156 SY		
0013	1330000000-E	607	INCIDENTAL MILLING	7,716 SY		
0014	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	6,183 TON		
0015	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	384 TON		
0016	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	220 TON		

County: DARE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0017	1705000000-E	SP	PATCHING EXISTING PAVEMENT (FULL DEPTH)	64 TON		
0018	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	2 EA		
0019	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	2 EA		
0020	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	60 SY		
0021	2738000000-E	SP	GENERIC PAVING ITEM REMOVE ASPHALT ISLAND	70 SY		
0022	3030000000-E	862	STEEL BEAM GUARDRAIL	362.5 LF		
0023	3045000000-E	862	STEEL BEAM GUARDRAIL, SHOP CURVED	42 LF		
0024	3287000000-N	SP	GUARDRAIL END UNITS, TYPE TL-3	1 EA		
0025	3288000000-N	SP	GUARDRAIL END UNITS, TYPE TL-2	10 EA		
0026	3319000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE B- 83	1 EA		
0027	3360000000-E	863	REMOVE EXISTING GUARDRAIL	763 LF		
0028	3649000000-E	876	RIP RAP, CLASS B	10 TON		
0029	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	30 SY		
0030	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	716 SF		
0031	4445000000-E	1145	BARRICADES (TYPE III)	8 LF		
0032	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0033	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	1 EA		

County: DARE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0034	4470000000-N	1160	REMOVE & RESET TEMPORARY CRASH CUSHION	1 EA		
0035	4485000000-E	1170	PORTABLE CONCRETE BARRIER	370 LF		
0036	4500000000-E	1170	REMOVE AND RESET PORTABLE CONCRETE BARRIER	355 LF		
0037	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	59,225 LF		
0038	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	2,482 LF		
0039	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	364 LF		
0040	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	57 EA		
0041	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	123 EA		
0042	4815000000-E	1205	PAINT PAVEMENT MARKING LINES (6")	59,225 LF		
0043	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	364 LF		
0044	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	57 EA		
0045	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	123 EA		
0046	4905100000-N	SP	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	272 EA		
0047	6000000000-E	1605	TEMPORARY SILT FENCE	500 LF		
0048	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	10 TON		
0049	6012000000-E	1610	SEDIMENT CONTROL STONE	10 TON		
0050	6042000000-E	1632	1/4" HARDWARE CLOTH	100 LF		

County: DARE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0051	6071012000-E	SP	COIR FIBER WATTLE	165 LF		
0052	6084000000-E	1660	SEEDING & MULCHING	2.6 ACR		
0053	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	2 EA		
0054	6133000000-N	SP	GENERIC EROSION CONTROL ITEM DEWATERING FOR 60" CAA PIPE	Lump Sum	L.S.	
0055	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	2 EA		
0056	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	5,304 LF		
0057	7456000000-E	1726	LEAD-IN CABLE (***** (14-2)	150 LF		
0058	8825000000-E	SP	GENERIC CULVERT ITEM ADDITIONAL CULVERT UNDERCUT	150 CY		

0907/Dec04/Q209275.47/D211198612000/E58

Total Amount Of Bid For Entire Project :

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.01.01.10281, ETC.	11	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	MATERIAL TRANSFER VEHICLE REQUIRED	LENGTH	WIDTH	000100000-E	010400000-E	031800000-E	032000000-E	044840000-E	054600000-E	099200000-E	112100000-E	122000000-E	124300000-E	129700000-E	133000000-E			
													MOBILIZATION	BORROW EXCAVATION	FOUNDATION CONDITIONING GEOTEXTILE	FOUNDATION CONDITIONING GEOTEXTILE	24" RC PIPE CULVERTS, CLASS IV	60" CAA PIPE CULVERTS, 0.135" THICK	24 CAA PIPE CULVERTS, 0.064" THICK	ALUMINUM STRUCTURAL PLATE ENDWALL (CONTRACTOR DESIGNED)	AGGREGATE BASE COURSE	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	MILLING ASPHALT PAVEMENT (1 1/2")	INCIDENTAL MILLING		
												MI	FT	LS	CV	TONS	SY	LF	LF	EA	TONS	TONS	SMI	SY	SY		
2024CPT.01.01.10281	Dare	1	US-64 BYP	FROM EAST END MELVIN DANIELS BRIDGE TO US 158 AT WHALEBONE JUNCTION	1	5	MU	NO	NO	YES	0.84	68		1	283						14	1.68	37.50	2.479			
2024CPT.01.01.10281	Dare	2	US-158	FROM EAST GRAY EAGLE ST. TO US 64	1	5	MU	NO	NO	YES	0.42	66	*	132	300	480		215		3	300	30	1.57	16,146	2,681		
2024CPT.01.01.10281	Dare	3	NC-12	FROM SR 1543 TO PAVEMENT JOINT	2	2	ZWU	NO	NO	NO	0.12	32	*	10			136					0.24	2,253	7,216			
TOTAL FOR PROJ NO. 2024CPT.01.01.10281												1.38				425	300	480	136	215	120	3	300	24	3.49	55,899	12,376
2024CPT.01.01.10281	Dare	4	SR-1544 / GULFSTREAM WAY	FROM NC 12 TO SR 1243 OLD OREGON INLET RD	3	2	ZWU	NO	NO	NO	0.07	20	*	10									0.14	821			
2024CPT.01.01.10281	Dare	5	SR-1543 OI / S CRODTAN HWY	FROM NC 12 TO US 158	4	2	MU	NO	NO	NO	0.09	19	*	10									0.18	1,003			
2024CPT.01.01.10281	Dare	6	SR-1542 OI / S CRODTAN HWY	FROM US 158 TO NC 12	5	2	MU	NO	NO	NO	0.06	40	*	10									0.12	1,408			
2024CPT.01.01.10281	Dare	7	SR-1541 OI / S VIRGINIA DARE TRL	FROM NC 12 TO US 158	6	2	MU	NO	NO	NO	0.09	26	*	10									0.18	1,373			
2024CPT.01.01.10281	Dare	8	SR-1540 OI / S VIRGINIA DARE TRL	FROM US 158 TO NC 12	7	2	MU	NO	NO	NO	0.13	20	*	10									0.26	2,443			
TOTAL FOR PROJ NO. 2024CPT.01.01.10281												0.44				50										0.88	7,048
GRAND TOTAL												1.82	1	475	300	480	136	215	120	3	300	24	4.37	62,947	12,376		

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	MATERIAL TRANSFER VEHICLE REQUIRED	LENGTH	WIDTH	152300000-E	157200000-E	169300000-E	170500000-E	228600000-N	236400000-N	265000000-E	276100000-E	303000000-E	304500000-E	328700000-N	328800000-N	331900000-N	336000000-E	
													ASPHALT CONC SURFACE COURSE, 59-SC	ASPHALT BINDER FOR PLANT MIX	ASPHALT PLANT MIX, PAVEMENT REPAIR	PATCHING EXISTING PAVEMENT (FULL DEPTH)	MASONRY DRAINAGE STRUCTURES	FRAME WITH TWO GRATES, STD 840.24	5" MONOLITHIC CONCRETE ISLANDS (KEY N)	GENERIC PAVING ITEM, REMOVE ASPHALT ISLANDS	STEEL BEAM GUARDRAIL	STEEL BEAM GUARDRAIL, SHOP CURVED	GUARDRAIL END UNIT, TYPE TL-3	GUARDRAIL END UNITS, TYPE TL-2	GUARDRAIL ANCH UNIT, TYPE B-83	REMOVE EXISTING GUARDRAIL	
												MI	FT	TONS	TONS	TONS	TONS	EA	EA	SY	SY	LF	LF	EA	EACH	EA	LF
2024CPT.01.01.10281	Dare	1	US-64 BYP	FROM EAST END MELVIN DANIELS BRIDGE TO US 158 AT WHALEBONE JUNCTION	1	5	MU	NO	NO	YES	0.84	68	3,150	187		10											475.50
2024CPT.01.01.10281	Dare	2	US-158	FROM EAST GRAY EAGLE ST. TO US 64	1	5	MU	NO	NO	YES	0.42	66	1,729	115	220	10					200.50		1	4	1		287.50
2024CPT.01.01.10281	Dare	3	NC-12	FROM SR 1543 TO PAVEMENT JOINT	2	2	ZWU	NO	NO	NO	0.12	32	666	40		10	2	2	60	70		42					
TOTAL FOR PROJ NO. 2024CPT.01.01.10281												1.38		5,535	342	220	90	2	2	60	70		1	10	1	763	
2024CPT.01.01.10281	Dare	4	SR-1544 / GULFSTREAM WAY	FROM NC 12 TO SR 1243 OLD OREGON INLET RD	3	2	ZWU	NO	NO	NO	0.07	20	76	5	4												
2024CPT.01.01.10281	Dare	5	SR-1543 OI / S CRODTAN HWY	FROM NC 12 TO US 158	4	2	MU	NO	NO	NO	0.09	19	94	6	5												
2024CPT.01.01.10281	Dare	6	SR-1542 OI / S CRODTAN HWY	FROM US 158 TO NC 12	5	2	MU	NO	NO	NO	0.06	40	131	9	7												
2024CPT.01.01.10281	Dare	7	SR-1541 OI / S VIRGINIA DARE TRL	FROM NC 12 TO US 158	6	2	MU	NO	NO	NO	0.09	26	128	8	7												
2024CPT.01.01.10281	Dare	8	SR-1540 OI / S VIRGINIA DARE TRL	FROM US 158 TO NC 12	7	2	MU	NO	NO	NO	0.13	20	319	14	11												
TOTAL FOR PROJ NO. 2024CPT.01.01.10281												0.44		648	42	34								0	0		
GRAND TOTAL												1.82	6,183	384	220	64	2	2	60	70	362.50	42	1	10	1	763	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	MATERIAL TRANSFER VEHICLE REQUIRED	LENGTH	WIDTH	364900000-E	365400000-E	600000000-E	600900000-E	601200000-E	604200000-E	6071012000-E	608400000-E	611700000-N	613300000-N	732400000-N	744400000-E	745400000-E	882400000-E	
													RP RAP, CLASS B	GEOTEXTILE FOR DRAINAGE	TEMPORARY SALT FENCE	EROSION CONTROL STONE CL B	SEDIMENT CONTROL STONE	1 1/4" HARDWARE CLOTH	COIR FIBER WATTLE	SEEDING & MULCHING	RESPONSE FOR EROSION CONTROL	GENERIC EROSION CONTROL ITEM, DE-WATERING FOR 60" CAA PIPE	JUNCTION BOX	INDUCTIVE LOOP SAWCUT	LEAD-IN CABLE (14-2)	GENERIC CULVERT ITEM (ADDITIONAL CULVERT UNDERCUT)	
												MI	FT	TON	SY	TON	TON	LF	LF	ACR	EA	LS	EA	LF	LF	CY	
2024CPT.01.01.10281	Dare	1	US-64 BYP	FROM EAST END MELVIN DANIELS BRIDGE TO US 158 AT WHALEBONE JUNCTION	1	5	MU	NO	NO	YES	0.84	68				50					1.0						
2024CPT.01.01.10281	Dare	2	US-158	FROM EAST GRAY EAGLE ST. TO US 64	1	5	MU	NO	NO	YES	0.42	66	10	200	10	10	100	40	0.5	1	1	2	5,304	150	150		
2024CPT.01.01.10281	Dare	3	NC-12	FROM SR 1543 TO PAVEMENT JOINT	2	2	ZWU	NO	NO	NO	0.12	32							0.5								
TOTAL FOR PROJ NO. 2024CPT.01.01.10281												1.38		10	30	250	10	10	100	40	2.0	1	1	2	5,304	150	150
2024CPT.01.01.10281	Dare	4	SR-1544 / GULFSTREAM WAY	FROM NC 12 TO SR 1243 OLD OREGON INLET RD	3	2	ZWU	NO	NO	NO	0.07	20				50				25	0.1	1					
2024CPT.01.01.10281	Dare	5	SR-1543 OI / S CRODTAN HWY	FROM NC 12 TO US 158	4	2	MU	NO	NO	NO	0.09	19				50				25	0.1						
2024CPT.01.01.10281	Dare	6	SR-1542 OI / S CRODTAN HWY	FROM US 158 TO NC 12	5	2	MU	NO	NO	NO	0.06	40				50				25	0.1						
2024CPT.01.01.10281	Dare	7	SR-1541 OI / S VIRGINIA DARE TRL	FROM NC 12 TO US 158	6	2	MU	NO	NO	NO	0.09	26				50				25	0.1						
2024CPT.01.01.10281	Dare	8	SR-1540 OI / S VIRGINIA DARE TRL	FROM US 158 TO NC 12	7	2	MU	NO	NO	NO	0.13	20				50				25	0.2						
TOTAL FOR PROJ NO. 2024CPT.01.01.10281												0.44				250				125	0.6	1					
GRAND TOTAL												1.82	10	30	500	10	10	100	165	2.6	2	1	2	5,304	150	150	

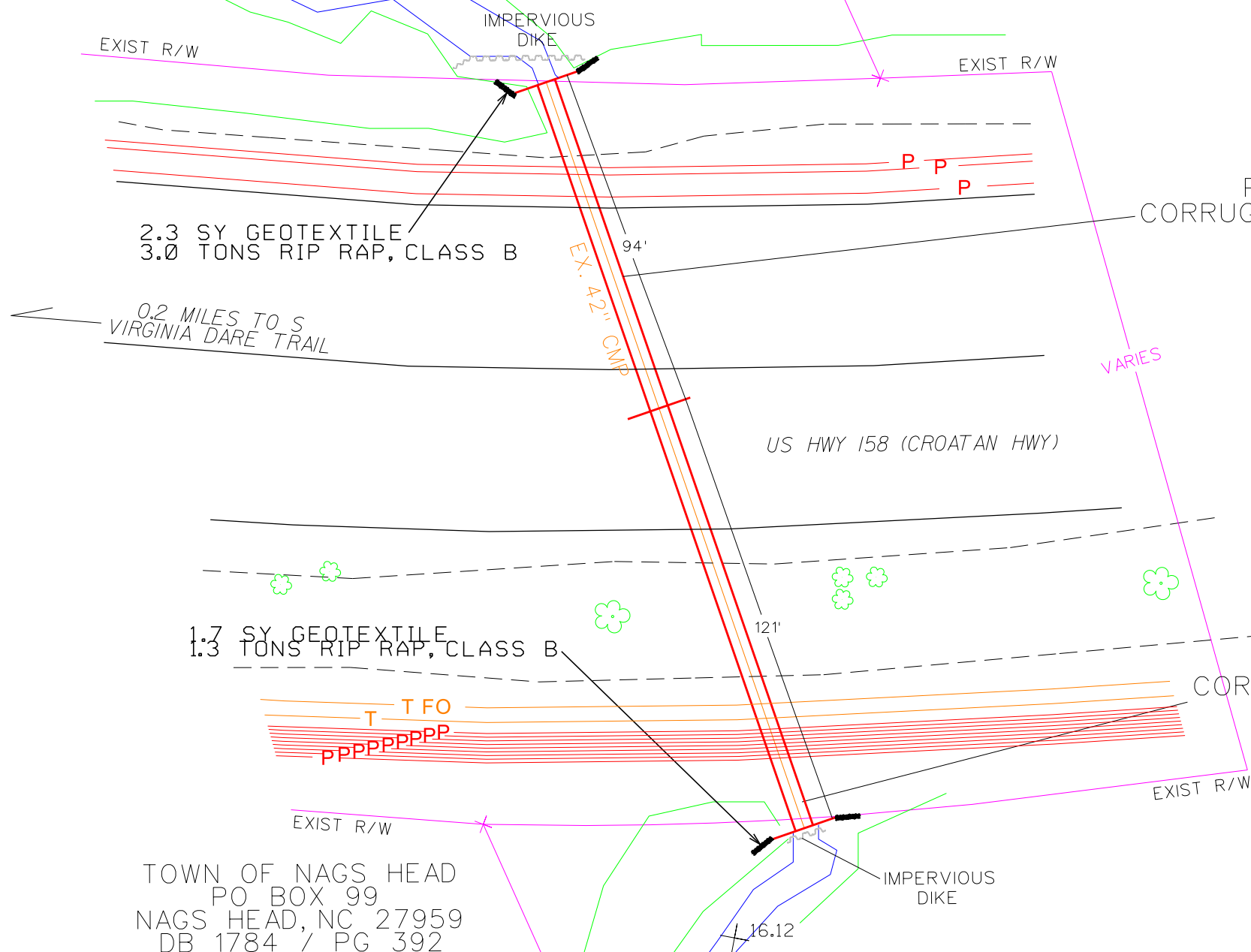
PLAN VIEW DETAILED DRAWING

REVISED 12/4/2023



TOWN OF NAGS HEAD
PO BOX 99
NAGS HEAD, NC 27959
DB 1486 / PG 301

TOWN OF NAGS HEAD
PO BOX 99
NAGS HEAD, NC 27959
DB 1486 / PG 301



PROPOSED 60" x 215'
CORRUGATED ALUMINUM PIPE W/
ENDWALLS

END WALLS
8'5" TALL X 18' WIDE
INTERMEDIATE END WALL
8'5" TALL X 13'6" WIDE

EXISTING 42" x 215'
CORRUGATED METAL PIPE W/
ENDWALL

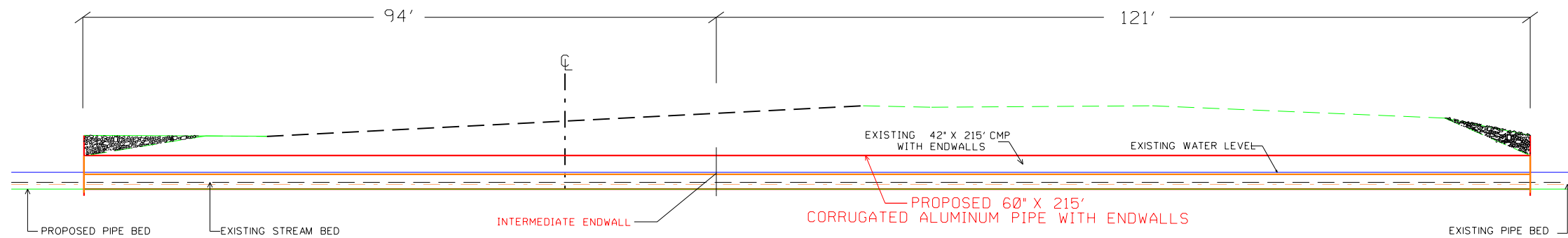
TOWN OF NAGS HEAD
PO BOX 99
NAGS HEAD, NC 27959
DB 1784 / PG 392

NORTH CAROLINA STATE SOL
C/O STATE PROPERTY OFFICE
1321 MAIL SERVICE CTR
RALEIGH, NC 27699
DB 1876 / PG 37

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 1 113 AIRPORT DR. EDENTON, NC 27932 (252) 482-1850		
COUNTY: DARE QUAD: ROANOKE ISLAND NE BASIN: PASQUOTANK	WBS#: 2024CPT.01.01.1028 DATE: MARCH 9, 2023 SHEET #: EC-5	
REPLACE PIPE CULVERT ON US HWY 158 (CROATAN HWY)		
LAT. = 35.908503 N		LONG. = 75.599274 W
DRAWN BY: B. K. BROWN / S. P. FENWICK		SCALE: 1" = 40'


CROSS SECTION - DETAILED DRAWING

REVISED 12/4/2023



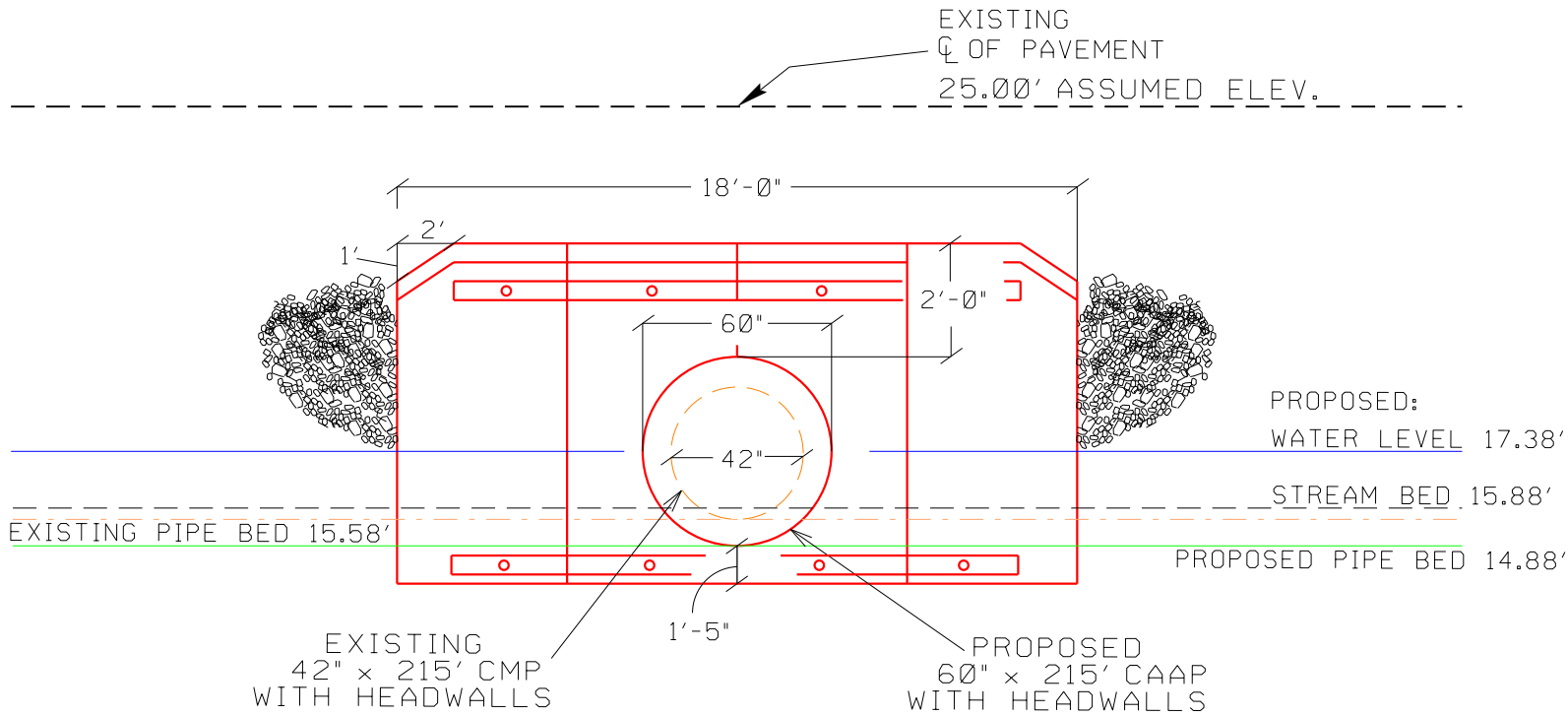
NOTE: PROPOSED 60" x 215' CORRUGATED ALUMINUM PIPE WITH ENDWALLS TO BE BURIED 1.0' BELOW EXISTING STREAM BED
 ALL ELEVATIONS BASED ON ASSUMED DATA (25.00' AT CL)

— PROPOSED CROSS SECTION
 - - - EXISTING CROSS SECTION

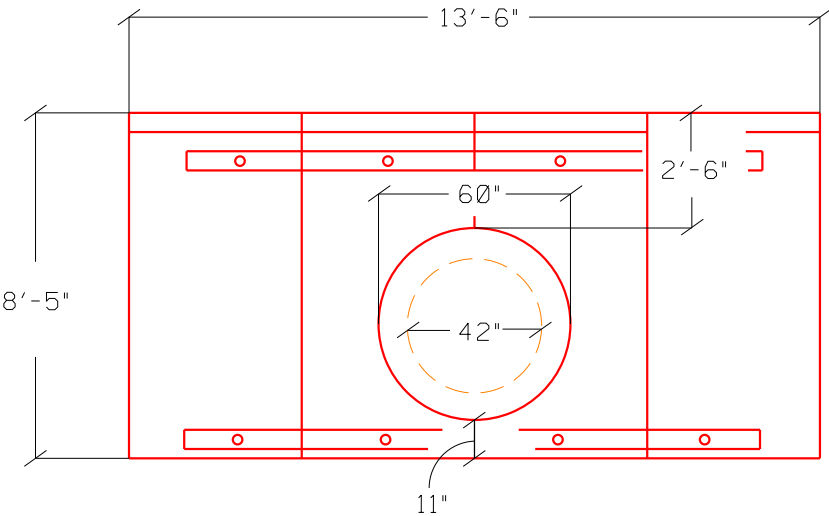
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 1 113 AIRPORT DR. EDENTON, NC 27932 (252) 482-1850		
COUNTY: DARE WBS#: 2024CPT.01.01.1028 QUAD: ROANOKE ISLAND NE DATE: NOVEMBER 29, 2023 BASIN: PASQUOTANK SHEET #: EC-6		
REPLACE PIPE CULVERT ON US HWY 158 (CROATAN HWY)		
LAT. = 35.908503 N		LONG. = 75.599274 W
DRAWN BY: B.K. BROWN / S.P. FENWICK		SCALE: 1" = 20'

DETAILED DRAWING

REVISED 12/4/2023



INLET / OUTLET END WALLS



INTERMEDIATE HEAD WALL VIEW

NOTES: PROPOSED 60" x 215' CORRUGATED ALUMINUM PIPE WITH
ENDWALLS TO BE BURIED 1.0' BELOW EXISTING STREAM BED

SYMBOLS

- PROPOSED CROSS SECTION
- - - EXISTING CROSS SECTION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 1 113 AIRPORT DR. EDENTON, NC 27932 (252) 482-1850		
COUNTY: DARE WBS#: 2024CPT.01.01.1028		QUAD: ROANOKE ISLAND NE DATE: NOVEMBER 29, 2023
BASIN: PASQUOTANK SHEET #: EC-7		REPLACE PIPE CULVERT ON US HWY 158 (CROATAN HWY)
LAT. = 35.908503 N	LONG. = 75.599274 W	
DRAWN BY: B. K. BROWN / S. P. FENWICK	SCALE: 1" = 5'	