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ATLANTIC BEACH CAUSEWAY (–L–) AT NC 58 (–Y–)

	–L–	–Y–
2022 ADT / 2040 ADT	32,870 / 37,800	26,510 / 30,500
	19,730 / 22,700	16,600 / 19,100
	10,340 / 11,900	1,170 / 1,400
	740 / 840	4,700 / 5,400

PROJECT REFERENCE NO.	SHEET NO.
R-5816	04
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 014493 ENGINEER — Jimmy Goodwright 7/15/2022

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER — JOSHUA G. DALTON 7/15/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared by

VHB Engineering NC, P.C. (C-3705) 940 Main Campus Drive, Suite 500 Raleigh, NC 27606

SUNGATE DESIGN GROUP, P.A. 915 JONES FRANKLIN ROAD RALEIGH, NORTH CAROLINA 27606 TEL (919) 859-2243 FAX (919) 859-4258 BND FIRM LICENSE NO. C-0910

NAD 83/NA 2011

–Y– CURVE DATA
PI NC = Sta 12+77.67
Δ = 05° 44' 21.0" (LT)

END TIP PROJECT R-5816
–L– POT STA. 15+00.00
END MILLING

–Y– POT STA 6+00.00

BEGIN CONSTRUCTION
–Y– POT STA. 7+00.00
BEGIN MILLING

END CONSTRUCTION
–Y– POT STA. 14+00.00
END MILLING

–Y– STA 14+51.87

BEGIN TIP PROJECT R-5816
–L– POT STA. 9+85.00
BEGIN MILLING

–L– POT STA 11+81.21 =
–Y– POT STA 12+49.08

–Y– PINC STA 12+77.67

FOR –L– & –Y– PROFILE SEE SHEET 5

★ EXISTING SIGNAL TO BE MODIFIED

NOTE 1: ALL LANE WIDTHS ARE 11 FEET UNLESS OTHERWISE DIMENSIONED
NOTE 2: ANY SIDEWALK DAMAGED OUTSIDE OF EXISTING ROW TO BE REPLACED IN KIND

MARY ANN SPARKMAN DB 1437 PG 258 MB 105 PG 16
FIRST CITIZENS BANK & TRUST CO DB 307 PG 345 MB 1PG 131
OSBORNE TWO, LLC DB 1473 PG 179 MB 1PG 131
ON THE BEACH INC DB 1444 PG 99
CAROLINA POWER & LIGHT CO. DB 122 PG 557
JANDI WILLIS DB 1580 PG 107
TOWN OF ATLANTIC BEACH DB 522 PG 455
MGM PROPERTIES LLC DB 984 PG 402
ONE HUNDRED S MHD AVE CORP DB 707 PG 523
T & F, INC. DB 781 PG 745 MB 1PG 86
AMAL IBRAHIM DB 1425 PG 217 MB 32 PG 489
AMAL IBRAHIM, et vir DB 1477 PG 235 MB 32 PG 489
FMB AT THE GROVE LLC DB 1404 PG 291
NEW TOWN MUNICIPAL COMPLEX UNDER CONSTRUCTION

REMOVE EXST. 15" RCP
REMOVE 13 LF OF EXST 15" RCP
REMOVE EXST. JB w/MH
REMOVE 13 LF OF EXST. 15" RCP
REMOVE EXST. JB w/MH
FILL W/FLOWABLE MAT.
END C&G END SW +92 –L– (ADJUST AS NEEDED)
REMOVE EXST. CB
15" RCP–IV
REMOVE AND REPLACE PORTION OF EXIST. SIDEWALK OR AS DIRECTED BY THE ENGINEER
RETAIN 12 LF OF EXST. 15" RCP
RETAIN EXST. DI
+80 –L– 55' LT EX. R/W
END C&G END SW +73 –L–
24" RCP–IV
REMOVE EXST. CB
RETAIN
+50 –Y– 65' LT 50' LT
+50 –Y– 58' LT
DO NOT DISTURB SIGN +63 –Y– 58' LT
+35 –Y– 65' LT 38' LT
REMOVE 18" RCP INSTALL 24" RCP–IV
REMOVE EXST. JB
RETAIN EXST. 12" RCP
BEGIN C&G +35 –Y–
24" RCP–IV
SEE NOTE 2
BEGIN C&G/SW +63 –L–
BEGIN SW +64 –Y–
REMOVE EXST. JB w/MH
REMOVE JB
FILL W/ FLOWABLE MAT.
REM. EXST. BLIND JB INSTALL TBJB W/SLAB LID
REMOVE 15" RCP INSTALL 24" RCP–IV
REMOVE EXST. 12" RCP
REMOVE JB & EXST. 15" RCP
RETAIN EXST. 12" RCP
DO NOT DISTURB SIGN
END C&G +35 –Y–
REMOVE EXST. CB INSTALL MIN. DEPTH CB
+35 –Y– EX. R/W 50' RT
+92 –Y– 50' RT
END SIDEWALK +41.88 –L–
+00 –L– 43' LT
REMOVE EXST. 12" RCP INSTALL 15" RCP IV
RETAIN EXST. CB
REMOVE EXST. BLIND JB
FILL W/FLOWABLE MAT.
WARP GUTTER FROM CROSS SLOPE 0.00 AT STA. 10+60 TO CROSS SLOPE 0.12 AT STA. 11+28 –L– LT TO AVOID GUTTER PONDING
+21.29 –L– 46' LT
+21.25 –L– EX. R/W
15" RCP–IV
DO NOT DISTURB WALL
MDCB
BEGIN C&G & SIDEWALK +00 –L–
REMOVE EXST. CB AND 12" RCP
RETAIN MDCB
ASSUMED JB (NO ACCESS)
44' ± EXIST.
24' ± EXIST.
22' ± EXIST.
55' ± EXIST.
N 86°15' 33.0" E
S 88°00' 06.0" E
N 1°25' 24.0" E