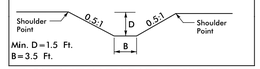
DocuSign Envelope ID: 197F8FA3-7151-42EE-9FB0-CDFBEF540DEE

TEMPORARY DRAINAGE DETAIL FOR PHASED CONSTRUCTION

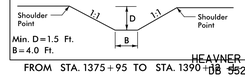
DETAIL T7
MEDIAN BASE DITCH
(Not to Scale)



Min. D = 1.5 Ft.
B = 3.5 Ft.

FROM STA. 1375+95 TO STA. 1411+12 –L–

DETAIL T8
MEDIAN BASE DITCH
(Not to Scale)



Min. D = 1.5 Ft.
B = 4.0 Ft.

FROM STA. 1375+95 TO STA. 1390+95

PROJECT REFERENCE NO.	SHEET NO.
I-5986B	2D-28
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 027373 ENGINEER SUSAN C. LANCASTER
DocuSigned by: Susan C Lancaster 5/13/2021

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER JOSHUA G. DALTON
DocuSigned by: Joshua G Dalton 5/13/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Michael Baker Engineering, Inc. — Michael Baker INTERNATIONAL — 8000 Regency Pkwy Suite 600 Cary, NC 27518 NC License: F-1084

SUNGATE DESIGN GROUP, P.A. — 100 JONES FRANKLIN ROAD RALEIGH, NORTH CAROLINA 27606 NC COA No. C-0890

REVISIONS
5/14/99

MATCH TO –L– POT STA. 1371+00.00 – SEE SHEET 2D-27

MATCH TO –L– POT STA. 1384+00.00 – SEE SHEET 2D-29

MATCH TO –Y33– POC STA. 14+50.00 – SEE SHEET 43

1375

1380

NAD 83/2011

DO NOT DISTURB BILL BOARD

BILL BOARD 0.38 R/W

J.E. WILSON, JR
DB 1519 PG 170
PB 47 PG 147

SOIL DR.

CONC 18" RCP

CAT–1 8:1

RESET C/A FENCE

MEDIAN 4' BASE DITCH
EST. DDE 435 CY
SEE DETAIL T8
CONSTRUCT: A5 P3 S1

DI CONC

15" RCP

GREU TL-3 8:1

POSSIBLE JB

TEMP. 2GI
INSTALL: A5 P3 S1
TO BE FLOW FILLED

I-95 SBL 49.5' PAVED ROADWAY

T96

REMOVE GRATE
INSTALL TB CONC. LID
A5 P1 S3

CONCRETE BARRIER

12' PS

48'

.025

13'

CONC DI

–L– N 54°09'25.5" E

MTL

REMOVE EX. GUARDRAIL

T83

I-95 NBL 49' PAVED ROADWAY

END SBG
–L– +27.50

BEGIN SBG
–L– +03.90

MEDIAN 3.5' BASE DITCH
EST. DDE 830 CY
SEE DETAIL T7
CONSTRUCT: A5 P1 S3

TEMP. 2GI
INSTALL: A5 P1 S3
INSTALL STEEL PLATE AS NEEDED
TO BE FLOW FILLED

BL-116

N WALTON AVE 20.5' PAVED ROADWAY

N WALTON AVE 20' PAVED ROADWAY

Century Link, Copper

–Y33– N 54°09'25.5" E

8" PVC FM (DATUM)
JOHNSTON PUBLIC UTILITIES

R/W MON

R 15'

46'

20' TYP.

N WALTON AVE 23.5' PAVED ROADWAY

EXISTING R/W

24" RCP

20'

J.E. WILSON, JR
DB 1519 PG 170
PB 47 PG 147

PVC CHAIN FENCE

GRAVEL

N 84°40'47" W
89.47'

N 19°58'51" E
124.24'

BM#6

JE WILSON, JR
DB 1519 PG 170

–Y33– PT Sta. 17+82.69

N 88°58'47" W
155.44'

PB 51 PG 99

8" PVC

20' PERMANENT UTILITY EASEMENT

HEAVNER FARMS, LLC
DB 5527 PG 863

KEVIN RAY PRICE
DB 4534 PG 814
PB 79 PG 478
PB 90 PG 477

CONC

MTL BUS

N 01°12'13" W
361.09'

S 65°32'59" E
704.48'

N 85°09'25" W
459.21'

N 01°12'13" W
46.18'

EIP

15

20

25

–Y33–

PI Sta 15+39.74
Δ = 95° 56' 32.5" (RT)
D = 13° 19' 28.6"
L = 720.04'
T = 477.08'
R = 430.00'
SE = 0.06
RUNOFF = 120'

NOTE: DRIVEWAY RADII = 10' UNLESS SHOWN OTHERWISE

FOR –L– PLAN SEE SHEETS 44
FOR TMP SEE SHEETS TMP-41, TMP-41A, TMP-43, AND TMP-43A

R:\Roadway\Projects\I-5986B_Rdy_psh_2D-28.dgn
11-MAR-2021 12:17
User: jdalton
PW Working Directory: J:\PROJECTS\I-5986B\ENGINEERING\Roadway\Design