

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

DITCH

-RAP

OR

RETE RIP-R

CONC

MODIFIED C WITH CONCRETE

UME

FOR

DRAWING RETE F

TAIL

NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C. CONCRETE OR RIP-RAP DITCH SEE ROADWAY PLANS TRANSITION CURB DOWN AS DIRECTED BY THE ENGINEER (4) 12" #6 DOWEL BARS END MODIFIED CONCRETE FLUME -8" X 4" LIP CURB BEGIN MODIFIED CONCRETE FLUME DEPRESSION PAVED SHOULDER 15'-0" EDGE OF LANE **BRIDGE** APPROACH SLAB SHOULDER BERM GUTTER OPTIONAL SEE RDY. PLANS MODIFIED CONCRETE FLUME
PAY LIMITS - PER EACH SHOULDER BERM GUTTER
OPTIONAL SEE RDY. PLANS PLAN VIEW **ENGLISH** 4'-0"

2'-0"

WATER FLOW

FLOW DIVERSION

SECTION C-C

OUTLET

OUTLET

DOWN GRADE

1/8" RADIUS

SECTION A-A

2'-8"

SECTION B-B

4'-0" 2'-0"

RIP-RAP LINED DITCH

SHEET 1 OF 1

MODFLMDTCH

MODIFIED
VITH CONCRET DE CONC OR 刀 RAWING ETE FI FORDITCH

SHEET 1 OF 1 MODFLMDTCH - CONSTRUCT MODIFIED CONCRETE FLUME AND SHOULDER BERM GUTTER IN ACCORDANCE WITH THIS DETAIL.

FLOW DIVERSION EXAMPLES

__WATER

FLOW

VARIABLE LENGTH

DOWNGRADE OR SAG

OUTLET

(A)

FLOW DIVERSION

<u>SAG</u>

SEE PLANS FOR PLACEMENT

OR BEGINNING

WATER

NOTES:

FLOW

- CONSTRUCT CONCRETE DITCH IN ACCORDANCE WITH STD. DWG. NO. 850.01.
- CONSTRUCT RIP RAP LINED DITCH IN ACCORDANCE WITH THIS DETAIL, IF CALLED FOR IN PLANS.
- CONCRETE OR RIP RAP LINED DITCH SHALL BE THE TYPE AND LENGTH SPECIFIED BY THE ROADWAY PLANS. THE DITCH SHALL TERMINATE AS SHOWN ON THE PLANS. IF NO TERMINATION IS INDICATED PLACE RIP-RAP AT THE END OF THE DITCH AS INDICATED BY STD. DWG. 876.02 FOR AN 18" PIPE. TRANSITIONS FROM THE DITCH TO TERMINATION SHALL BE AS DIRECTED BY THE ENGINEER.

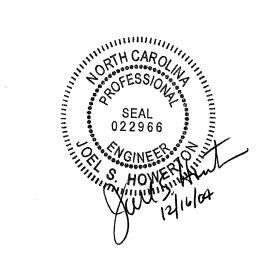
FLOW DIVERSION

WATER FLOW

4" CONC.

PAVED DITCH

- MODIFICATIONS SHALL BE AS DICTATED BY SITE CONDITIONS AND DIRECTED BY THE ENGINEER.



DESIGN SERVICES UNIT STANDARDS AND SPECIAL DESIGN Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

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