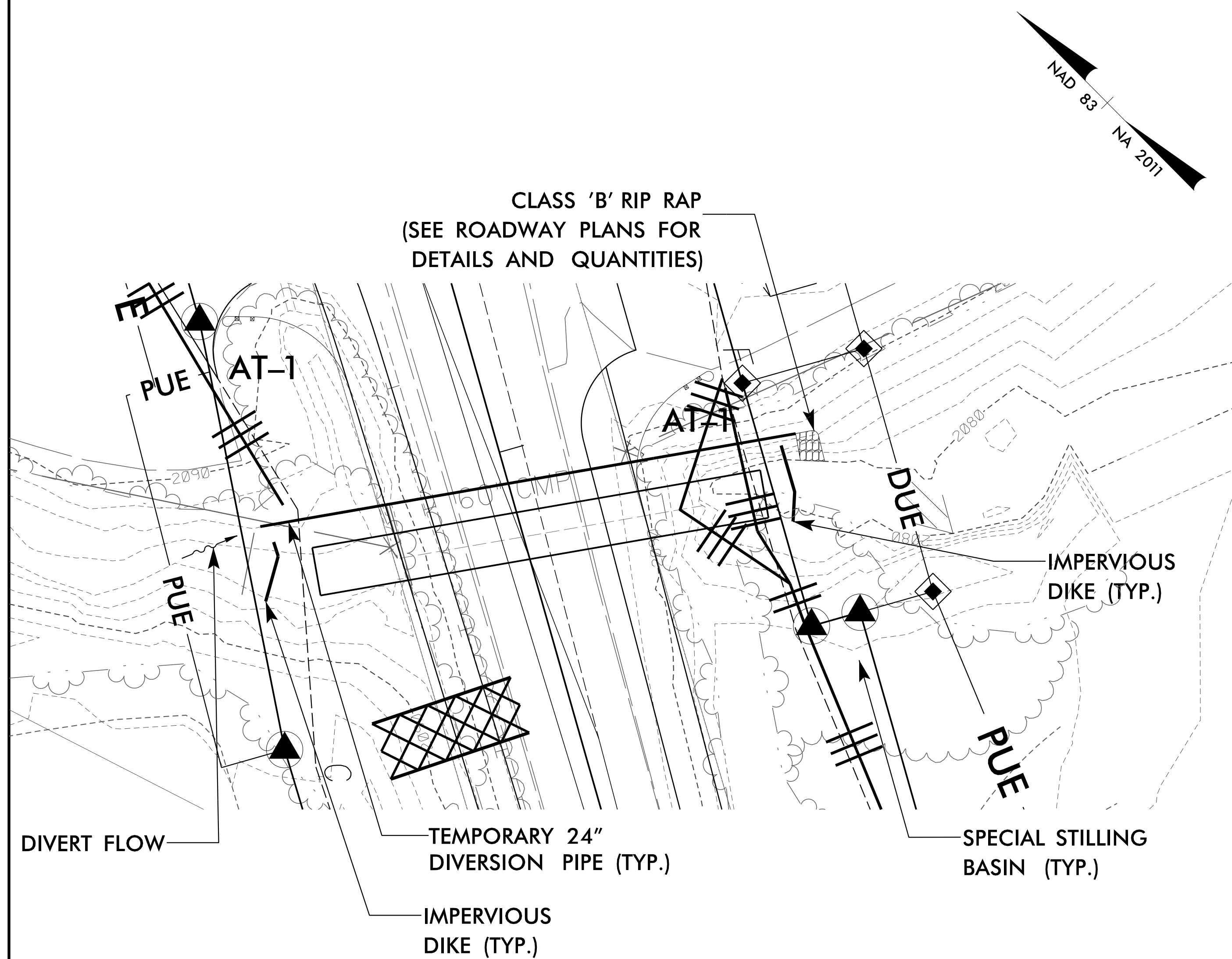


# CULVERT CONSTRUCTION SEQUENCE STA. 22+17 -Y7-

## PHASE I

1. UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT CULVERT CONSTRUCTION.
2. CONSTRUCT IMPERVIOUS DIKES AND TEMPORARY 24" PIPE, DIVERTING FLOW THROUGH THE TEMPORARY PIPE.
3. USE SPECIAL STILLING BASINS TO DEWATER EXCAVATION AREA.
4. REMOVE EXISTING 60" CMP CULVERT.
5. CONSTRUCT PROPOSED 115"x78" PLATE ARCH CULVERT.



DIVERT FLOW

TEMPORARY 24"  
DIVERSION PIPE (TYP.)

IMPERVIOUS  
DIKE (TYP.)

SPECIAL STILLING  
BASIN (TYP.)

PUE

DUE

IMPERVIOUS  
DIKE (TYP.)

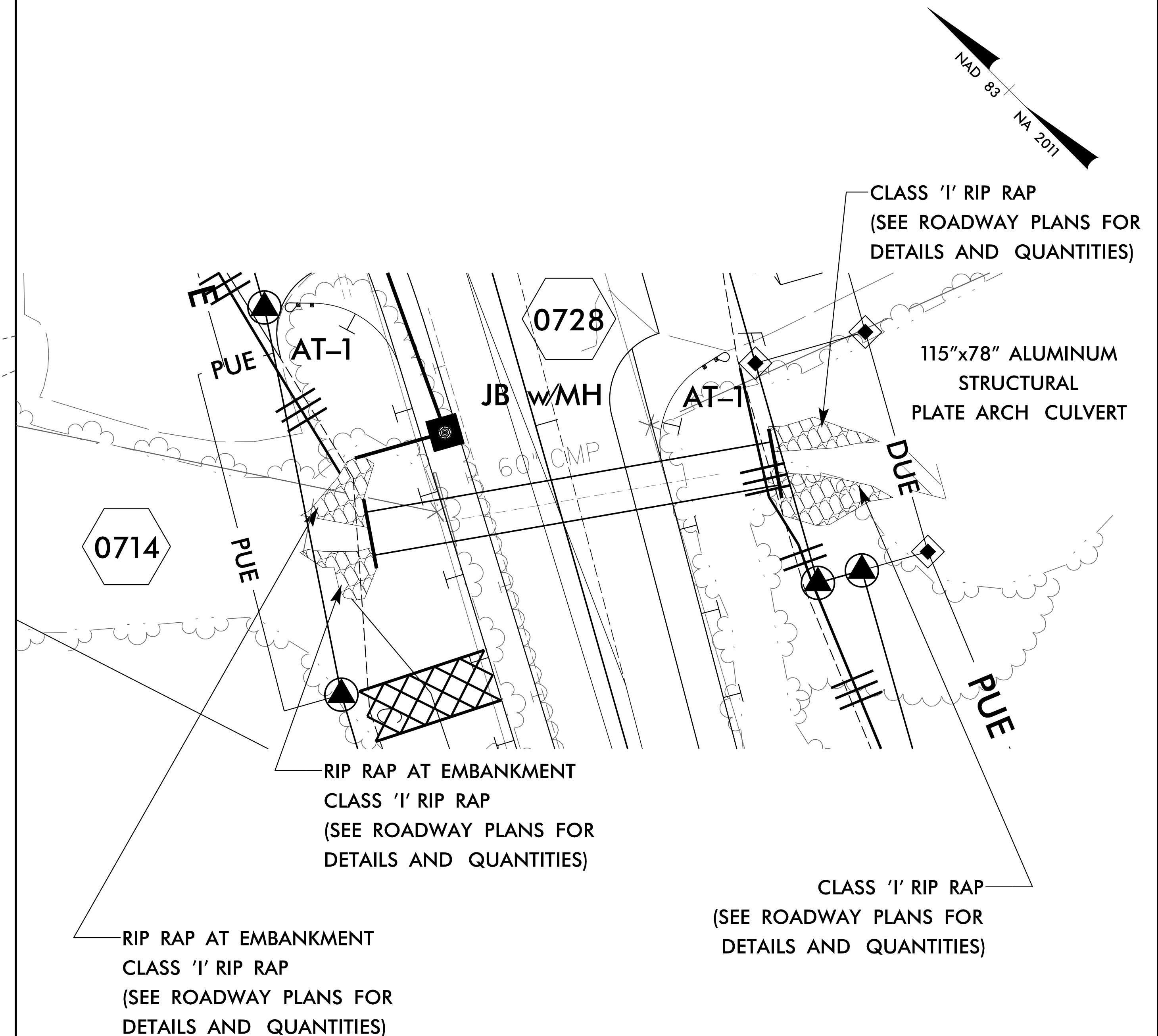
CLASS 'B' RIP RAP  
(SEE ROADWAY PLANS FOR  
DETAILS AND QUANTITIES)

NAD 83  
NAD 2011

SEE SHEET 10 FOR -L- PROFILE  
SEE SHEET 11 FOR -Y7- PROFILE

## PHASE II

6. CONSTRUCT THE WING WALLS FOR THE PROPOSED CULVERT, AND ANY NECESSARY EMBANKMENT AND CHANNEL IMPROVEMENTS.
7. EXCAVATE ANY REMAINING SILT, REMOVE SPECIAL STILLING BASINS
8. REMOVE IMPERVIOUS DIKES ALLOWING NORMAL FLOW THROUGH CULVERT.
9. COMPLETE ROADWAY.



RIP RAP AT EMBANKMENT  
CLASS 'I' RIP RAP  
(SEE ROADWAY PLANS FOR  
DETAILS AND QUANTITIES)

RIP RAP AT EMBANKMENT  
CLASS 'I' RIP RAP  
(SEE ROADWAY PLANS FOR  
DETAILS AND QUANTITIES)

CLASS 'I' RIP RAP  
(SEE ROADWAY PLANS FOR  
DETAILS AND QUANTITIES)

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL  
AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT  
PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

SEE SHEET 10 FOR -L- PROFILE  
SEE SHEET 11 FOR -Y7- PROFILE