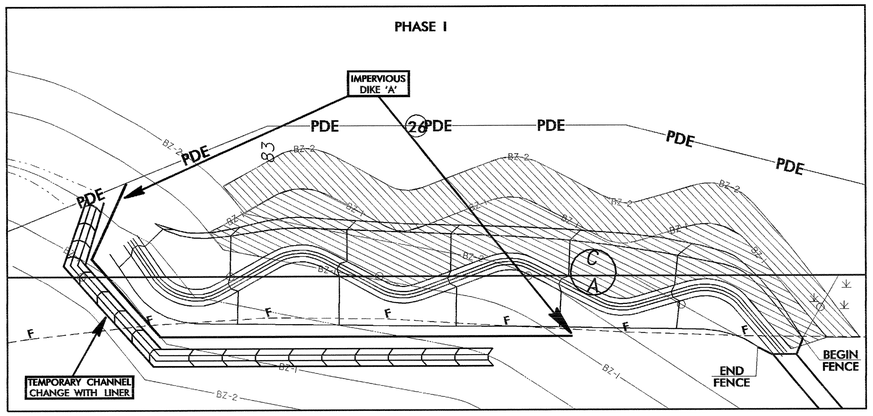
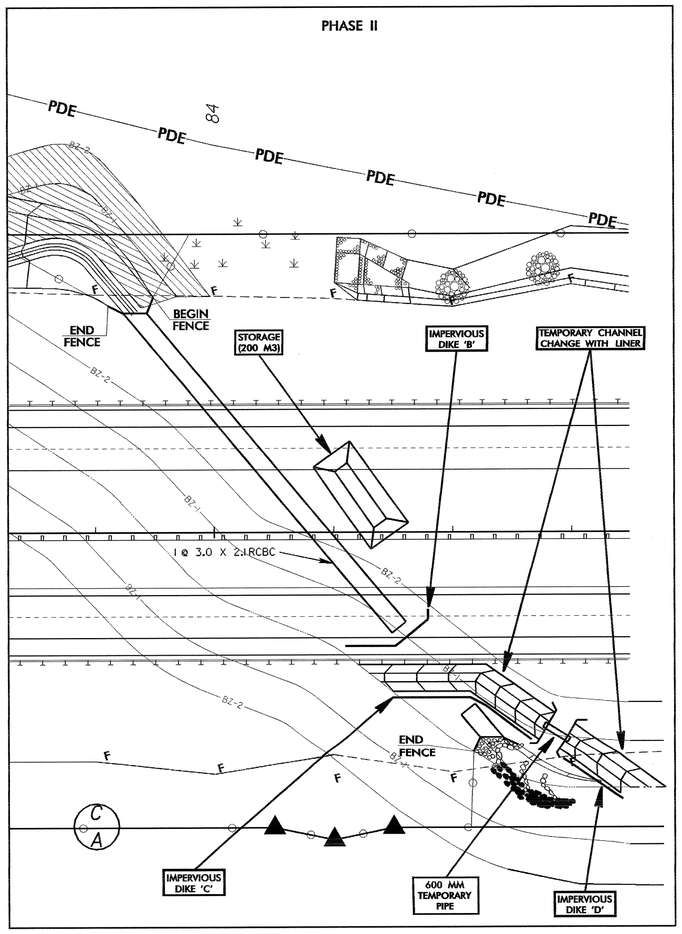
METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10	R-2552B	PHASE I EC-12A
	R /W SHEET NO.	
CONST.REV.	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
R /W REV.		

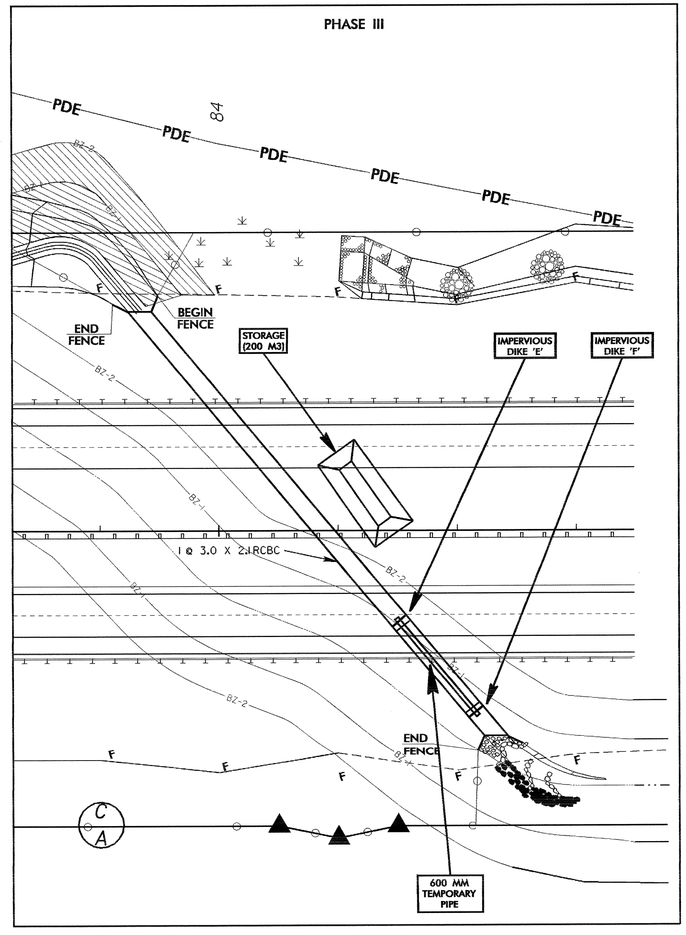
PHASE I



PHASE II



PHASE III



CULVERT CONSTRUCTION SEQUENCE STA. 84+17 –L–

PHASE 1
1. CONSTRUCT TEMPORARY CHANNEL CHANGE WITH LINER(BASE = 1.5M, SIDE SLOPES = 1.5:1, DEPTH = 1M).
2. INSTALL IMPERVIOUS DIKE 'A' AND DIVERT WATER INTO TEMPORARY CHANNEL CHANGE WITH LINER.
3. CONSTRUCT ROSGEN STREAM RESTORATION CHANNEL (STA. 82+77 TO STA. 83+77 –L– LEFT).
4. VEGETATE AND STABILIZE STREAM RESTORATION.

PHASE II
1. CONSTRUCT STILLING BASIN (200 M3).
2. CONSTRUCT TEMPORARY CHANNEL CHANGE WITH LINER (BASE = 1.5M, SIDE SLOPES = 1.5:1, DEPTH = 1.5M).
3. INSTALL IMPERVIOUS DIKES 'B', 'C' AND 'D' AND DIVERT WATER INTO TEMPORARY CHANNEL CHANGE WITH LINER.
4. INSTALL 7.2 M – 600 MM TEMPORARY PIPE IN THE TEMPORARY CHANNEL CHANGE WITH LINER AND BACKFILL A CONSTRUCTION ACCESS ROAD OVER THE TEMPORARY PIPE.
5. CONSTRUCT THE UPSTREAM 70 M AND THE LAST 5 M OF THE PROPOSED 1 @ 3.0 M X 2.13 M RCBC INCLUDING WINGWALLS AND BAFFLES.
6. CONSTRUCT THE OUTLET PROTECTION MEASURES INCLUDING: ROCK CROSS VANE, ROCK J HOOKS, AND A BOULDER WALL.

PHASE III
1. INSTALL IMPERVIOUS DIKES 'E' AND 'F' INSIDE UNFINISHED CULVERT ENDS.
2. INSTALL 600 MM TEMPORARY PIPE.
3. UPON STABILIZATION OF THE UPSTREAM ROSGEN STREAM DESIGN, REMOVE IMPERVIOUS DIKES 'A', 'B', 'C', AND 'D' AND DIVERT WATER INTO NEWLY CONSTRUCTED STREAM RELOCATION AND 3.0 M X 2.13 M RCBC.
4. FILL IN ALL TEMPORARY CHANNEL CHANGES WITH LINER AND REMOVE 600 MM TEMPORARY PIPE(UNDER CONSTRUCTION ACCESS DRIVEWAY).
5. CONSTRUCT THE MIDDLE 20 M OF THE 3.0 M X 2.13 M RCBC.
6. REMOVE IMPERVIOUS DIKES 'E' AND 'F' AND 600 MM TEMPORARY PIPE.
7. COMPLETE ROADWAY CONSTRUCTION.