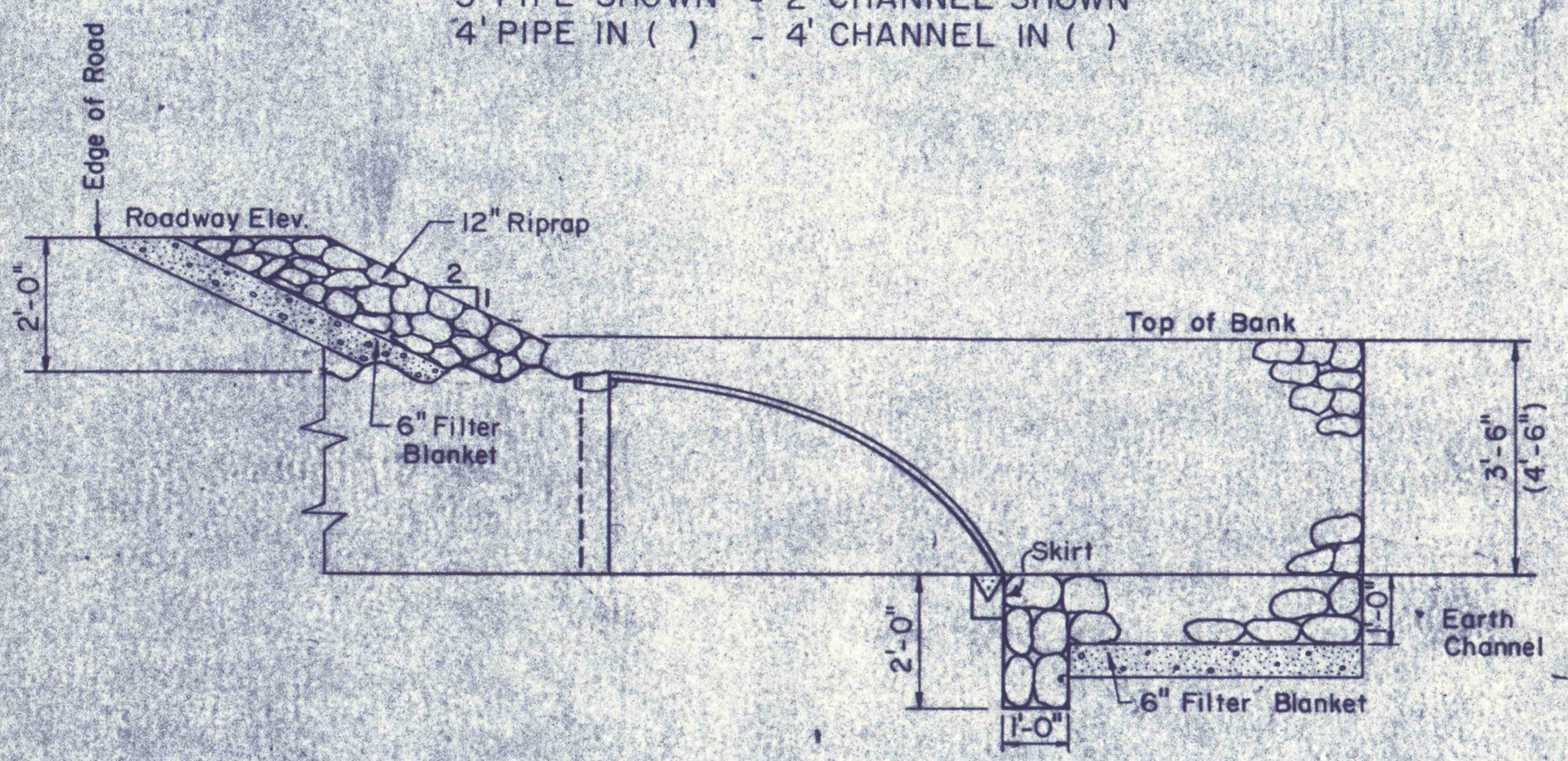


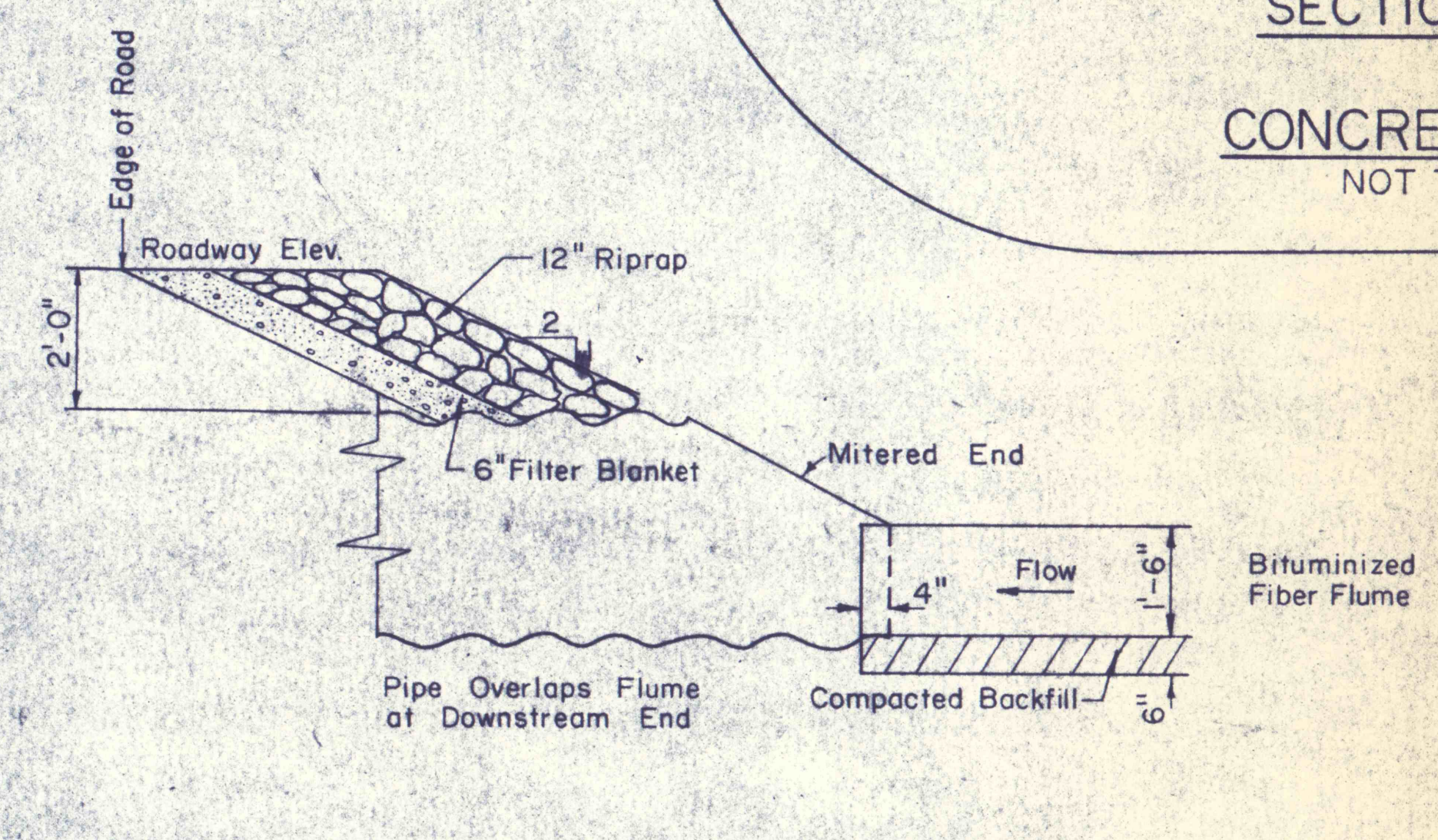
PLAN

SCALE: 1/2" = 1'
 3' PIPE SHOWN - 2' CHANNEL SHOWN
 4' PIPE IN () - 4' CHANNEL IN ()

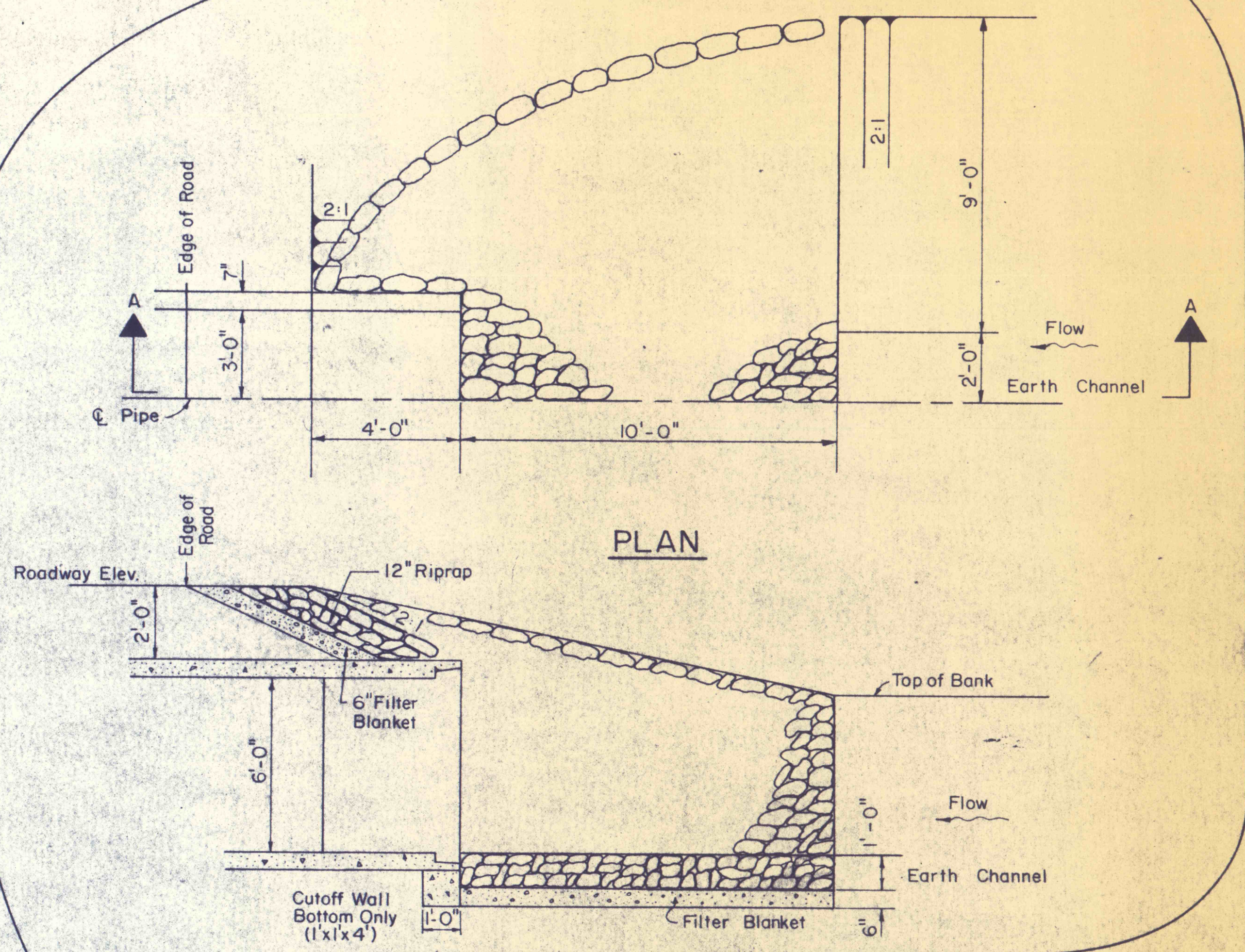


SECTION A-A

2' CHANNEL SHOWN
 4' CHANNEL IN ()



SECTION B-B



PLAN

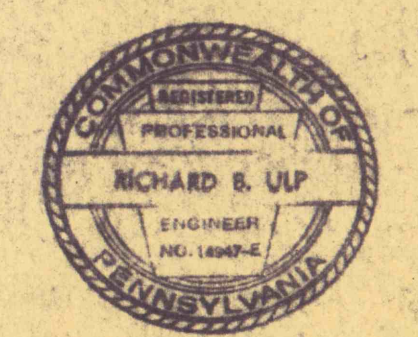
SECTION A-A

CONCRETE PIPE
 NOT TO SCALE

B.C.C.G.M.P. & BITUMINIZED FIBER FLUME

CULVERT RIPRAP ENTRANCE AND OUTLET DETAILS

| | | | |
|-----------|---------|---|------|
| NO | DATE | REVISION | APPR |
| 1 | 5-29-75 | Changed Concrete Pipe Detail - Plan & Section | |
| SUBMITTED | | | |
| APPROVED | | | |
| APPROVED | | | |
| APPROVED | | | |



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL RESOURCES
 OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. SL 113-5-1

MINE DRAINAGE POLLUTION ABATEMENT
 COAL RUN
 SHAMOKIN CREEK WATERSHED
 NORTHUMBERLAND COUNTY, PA.

ERDMAN, ANTHONY, ASSOCIATES
 Consulting Engineers
 Camp Hill, Pa. Rochester, N.Y.

RIPRAP ENTRANCE AND
 OUTLET DETAILS

| | | |
|------------|----------|-------------|
| DRAWN BY | DATE | DRAWING NO. |
| JM | 5-9-75 | |
| CHECKED BY | SCALE | |
| DHC | AS SHOWN | |