



-  SEDIMENT & VEGETATION REMOVAL (280 FT (L) X 25 - 30 FT (W))
-  SEDIMENT & VEGETATION REMOVAL (630 FT (L) X 25 - 30 FT (W))
-  VEGETATION REMOVAL (490 FT (L) X 25 - 30 FT (W))

CHANNEL TYPE: 2/3 EARTHEN AND 1/3 CONCRETE  
 CHANNEL SEGMENT DIMENSIONS: ~ 3,945 FT (L) X VARIES 25 to 40 FT (W)  
 MAINTENANCE METHOD: SELECTIVE MAINTENANCE  
 EQUIPMENT: DOZER, EXCAVATOR, FRONT LOADER, DUMP TRUCKS, PORTABLE PUMPS, VACTORS

- SCOPE OF WORK:
1. INSTALL TEMPORARY DAM UPSTREAM OF MAINTENANCE AREA.
  2. BYPASS WATER USING TWO 6 INCH PORTABLE PUMPS.
  3. DOZER ENTERS THE DRAIN FACILITY FROM EXISTING ACCESS RAMP.
  4. DOZER PUSHES CCUMULATED MATERIAL WITHIN DRAINAGE FACILITY TO A CENTRAL SITE NEAR ACCESS RAMP.
  5. LOADER ENTERS DRAIN FACILITY FROM EXISTING ACCESS RAMP.
  6. LOADER SCOOPS ACCUMULATED MATERIAL FROM CENTRAL SITE AND LOADS INTO DUMP TRUCK.
  7. LOADED DUMP TRUCK LEAVES DRAIN FACILITY AND TRANSPORTS MATERIAL TO AN APPROVED OFFSITE DISPOSAL LOCATION.

ACCESS: EXISTING PAVED ACCESS RAMP AND PARKING LOT  
 STAGING AREA: NONE  
 STOCKPILE AREA: NONE  
 MAINTENANCE DURATION: ONE MONTH  
 MANPOWER: 11 WORKERS

- NOTE:
1. HYDRAULIC ANALYSIS ASSUMED MAINTENANCE WOULD BE PERFORMED DOWNSTREAM OF CITY OF SD OWNERSHIP FOR AN ADDITIONAL 280 FT.
  2. MAINTENANCE INCLUDES 25 FT TO 30 FT SWATH FROM THE BOTTOM OF THE CHANNEL ONLY.