

**TYPE OF SPILLWAY****INITIAL PHASE**

AN UNCONTROLLED CHANNEL SPILLWAY WITH LEVEL GRADE AT ELEVATION 5598.0 THROUGHOUT, SIDE SLOPES OF 1 ON 1 IN DENVER FORMATION AND 1 ON 2 IN OVERBURDEN AND SECTION AS FOLLOWS; STA. 85+00-170+00, 67 FOOT BASE, STA. 180+00-208+00, 45 FOOT BASE.

**ULTIMATE DEVELOPMENT**

AN UNCONTROLLED SPILLWAY AS FOLLOWS; STA. 82+00-163+00, INLET CHANNEL WITH 75 FOOT BASE, SIDE SLOPES OF 1 ON 1 IN DENVER FORMATION AND 1 ON 2 IN OVERBURDEN, AND LEVEL GRADE AT ELEVATION 5592.0. STA. 163+00-171+00, SPILLWAY STRUCTURE AND STILLING BASIN. STA. 171+90-215+00, PILOT CHANNEL WITH 35 FOOT BASE, SIDE SLOPES OF 1 ON 1 IN DENVER FORMATION AND 1 ON 2 IN OVERBURDEN, AND GRADE OF -0.0015 FROM ELEVATION 5567.0 AT STA. 171+90. PROPOSED ULTIMATE PROJECT SPILLWAY STRUCTURE CONSISTS OF AN UNGATED Ogee WIER WITH CREST ELEVATION AT 5623 HAVING A CENTER NOTCH AT ELEVATION 5598.

CHERRY CREEK AND TRIBUTARIES, COLORADO  
CHERRY CREEK DAM & RESERVOIR  
**SPILLWAY DISCHARGE  
RATING CURVES**

U.S. ARMY ENGINEER DISTRICT, OMAHA  
CORPS OF ENGINEERS, OMAHA, NEBRASKA