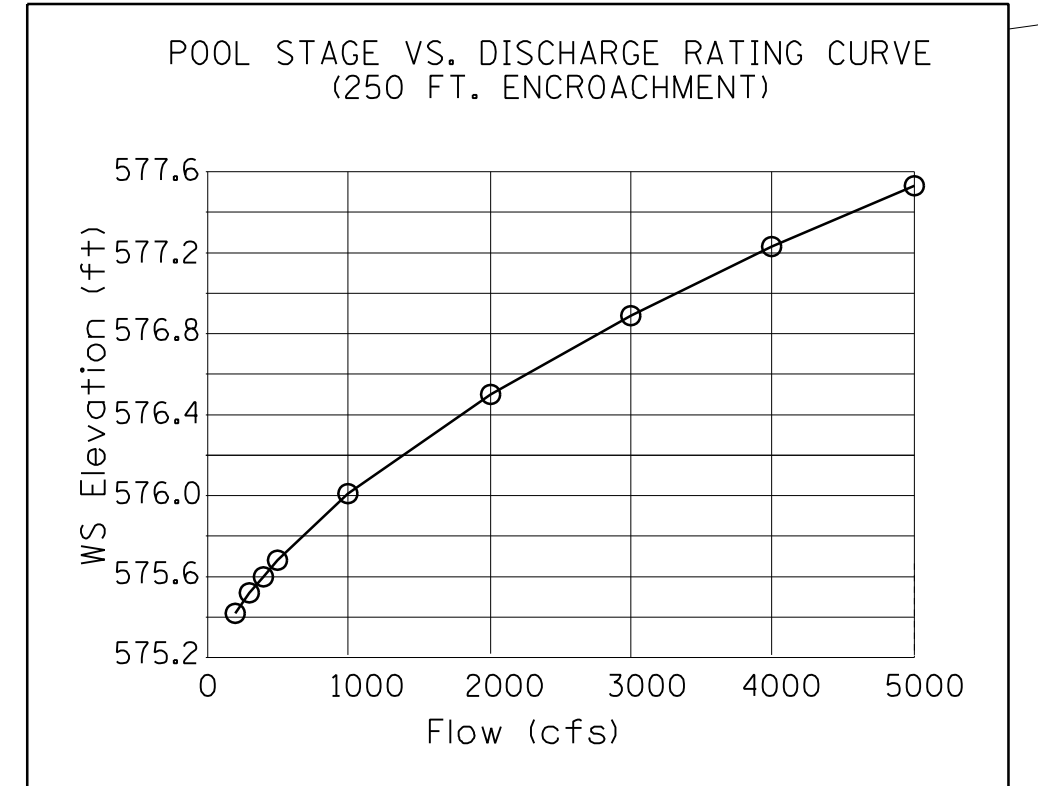
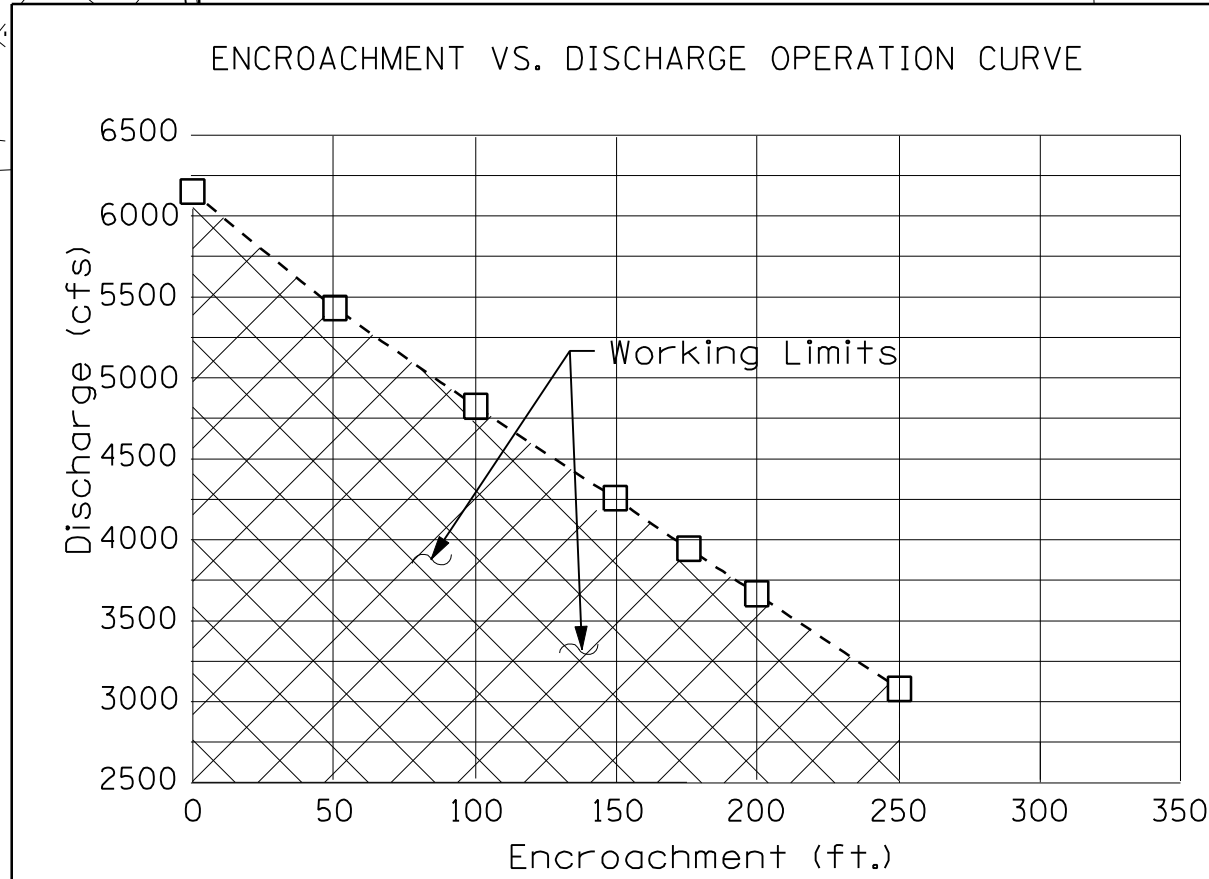




TEMPORARY COFFERDAM SYSTEM NOTES:
 THE TEMPORARY COFFERDAM SYSTEM SHALL BE DESIGNED AND CONSTRUCTED BY THE CONTRACTOR. THE WIDTH OF THE COFFERDAM PERPENDICULAR TO THE RIVER SHALL BE DETERMINED BY THE CONTRACTOR BASED UPON THE "ENCROACHMENT VERSUS DISCHARGE" OPERATION CURVE SHOWN ON THIS SHEET. THE POOL STAGE VS. DISCHARGE RATING CURVE REPRESENTS ACCEPTABLE WATER SURFACE ELEVATIONS DIRECTLY UPSTREAM OF THE COFFERDAM SYSTEM FOR VARIOUS DISCHARGES AT THE MAXIMUM COFFERDAM ENCROACHMENT. THE CURVE ESTABLISHES THE LIMITS FOR AN EARTHEN TYPE COFFERDAM SYSTEM CONSTRUCTED IN THE POOL AREA UPSTREAM OF THE DAM.
 THE CONTRACTOR SHALL AT ALL TIMES OPERATE WITHIN THE LIMITS STATED ABOVE. IN ADDITION TO THESE LIMITS THE CONTRACTOR SHALL NOT CONSTRUCT A COFFERDAM OR MULTIPLE COFFERDAMS WITH A TOTAL ENCROACHMENT WIDER THAN 250 FEET PERPENDICULAR TO THE RIVER. THE CONTRACTOR SHALL DETERMINE THE MAXIMUM WIDTH OF THE COFFERDAM PERPENDICULAR TO THE RIVER BASED UPON THE ENCROACHMENT VS. DISCHARGE OPERATION CURVES.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS IF THE CONTRACTOR CHOOSES TO BUILD AND/OR OPERATE THE COFFERDAM SUCH THAT THE UPPER LIMITS ON THE "ENCROACHMENT VERSUS DISCHARGE" OPERATION CURVES ARE VIOLATED, AT NO EXTRA COST TO THE DEPARTMENT.
 THE CONTRACTOR SHALL ASSUME ALL RISKS OF DAMAGES TO HIS EQUIPMENT AND MATERIALS CAUSED BY COFFERDAM OVERTOPPING OR FAILURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONNEL IN THE CASE OF COFFERDAM OVERTOPPING OR FAILURE.
 THE COFFERDAM SYSTEM SHALL BE MOVED DOWN TO THE TOP OF THE EXISTING DAM CREST ELEVATION WHEN IT BECOMES EVIDENT THAT THE COFFERDAM SYSTEM WILL VIOLATE THE CRITERIA SET FORTH ABOVE. THE COST OF THIS ADJUSTMENT SHALL BE INCLUDED IN "TEMPORARY COFFERDAM SYSTEM".
 THE CONTRACTOR MAY BE REQUIRED TO STAGE REMOVAL OF THE COFFERDAM TO ACCOMMODATE LOW, INTERMEDIATE, AND HIGH FLOW CONDITIONS. SEE SPECIAL PROVISIONS FOR BYPASS TESTING AND ADJUSTMENTS.



OPERATION CURVE ORDINATES

Type	Encroachment (feet)						
	250	200	175	150	100	50	0
Earthen	3,080	3,667	3,950	4,250	4,833	5,433	6,150

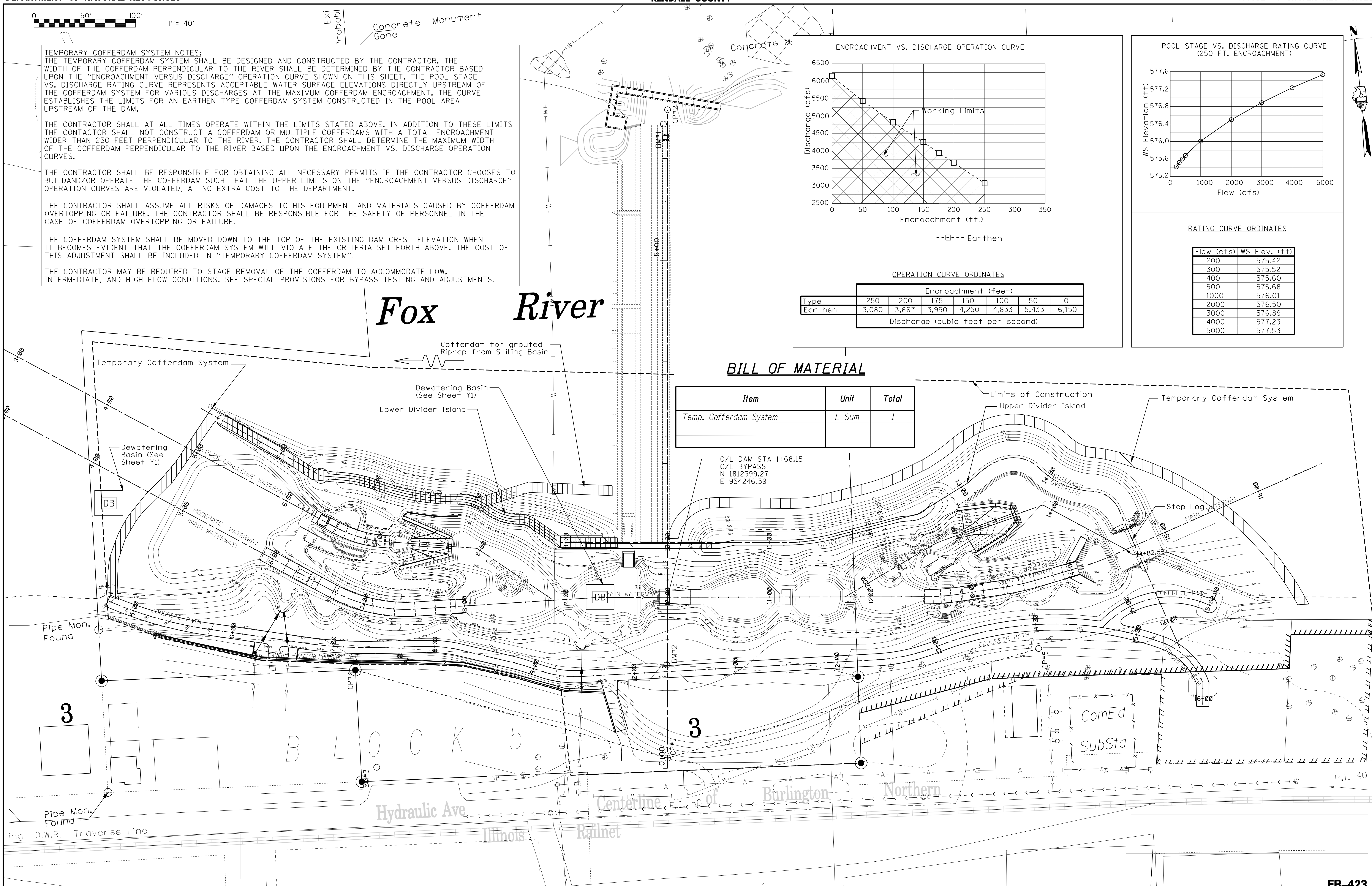
Discharge (cubic feet per second)

RATING CURVE ORDINATES

Flow (cfs)	WS Elev. (ft)
200	575.42
300	575.52
400	575.60
500	575.68
1000	576.01
2000	576.50
3000	576.89
4000	577.23
5000	577.53

BILL OF MATERIAL

Item	Unit	Total
Temp. Cofferdam System	L Sum	1



10/09/2007 4:40:21 PM S:\DOCUMENT\02348801\CIVIL\DGN\COS00Q78.DGN
 10/09/2007 4:40:21 PM S:\DOCUMENT\02348801\CIVIL\DGN\COS00Q78.DGN
 10/09/2007 4:40:21 PM S:\DOCUMENT\02348801\CIVIL\DGN\COS00Q78.DGN
 10/09/2007 4:40:21 PM S:\DOCUMENT\02348801\CIVIL\DGN\COS00Q78.DGN