

EARTHWORK				
LOCATION	STATION to STATION	EXCAVATION COMMON	COMPACTION TYPE B MR-90	CONTRACTOR FURN. BORROW
		CU. YD.	CU. YD.	CU. YD.
ACCESS RP.	0+20 to 2+67.61	1347	19	
GYPSUM LT.	10+00 to 26+51.37	2633	4826	
GYPSUM RT.	10+00 to 26+02.29	2753	1442	
DRY CRK.		0	838	
TOTALS		6733	7125*	392

*COMPACTED FILL (90% DENSITY)

CULVERT						
STATION	LOCATION	SIDE	CULVERT		END SECTION	FLAP GATE
			18" RCP	30" RCP	18" RCP	18"
12+40	GYPSUM	LT.		61.7		1
13+52.70	GYPSUM	LT.		44.8		1
13+80	GYPSUM	RT.	57.0		1	1
22+00	GYPSUM	LT.	43.0		1	2
TOTALS			100.0	106.5	1	2

Note: Restrained Concrete Pipe shall be used for the greater of three (3) joints or twelve (12) linear feet measured from the concrete headwall (SUBSIDIARY).

RECAPITULATION OF QUANTITIES		
DESCRIPTION	QUANTITY	UNIT
SITE CLEARING & RESTORATION	1	L.S.
EXCAVATION	6733	C.Y.
COMPACTED FILL (90% DENSITY)	7125	C.Y.
BORROW EXCAVATION (CONTRACTOR FURNISHED)	392	C.Y.
CLASS AAA CONCRETE	198.6	C.Y.
REINFORCING STEEL (GR. 60)	16958	LBS.
REINFORCED CRUSHED ROCK BASE (6")	560	S.Y.
CONCRETE PAVEMENT (6")	819	S.Y.
18" REINF. CONC. END SECTION	1	EACH
INLET, AREA	1	EACH
SWS PIPE RCP 18"	100.0	L.F.
SWS PIPE RCP 30"	106.5	L.F.
COMBINED CURB & GUTTER CONSTRUCTION	483	L.F.
RIPRAP, HEAVY STONE	22.4	S.Y.
CONCRETE DITCH LINING	588	S.Y.
CONCRETE BLOCK OPEN CELL MAT	2625	S.Y.
TURF REINFORCEMENT	12799	S.Y.
18" FLAP GATE	2	EACH
30" FLAP GATE	2	EACH
10'x6' TITSEAL COPOLYMER SLUICE GATE ASSEMBLY	1	EACH
6' CHAIN LINK FENCE	2576	L.F.
6' CHAIN LINK FENCE (SPECIAL)	179	L.F.
GATE INSTALLATION	5	EACH
EROSION CONTROL BMP	1	L.S.
LANDSCAPING	1	L.S.

See Sheet No. 29 for Temporary Erosion Control Summary.
See Sheet No. 36 & 37 for Landscaping Summary.

AREA INLET				
STATION	LOCATION	SIDE	EACH	REMARKS
13+80	GYPSUM	RT.	1	
TOTALS			1	

TURF REINFORCEMENT MAT		
STATION to STATION	SIDE	*AREA (SQ. YD.)
13+50 to 26+51.37	LT.	6,824.5
13+50 to 26+02.29	RT.	5,974.2
TOTALS		12,798.7

* Measured Surface Quantity

CONCRETE BLOCK OPEN CELL MAT		
STATION to STATION	SIDE	*AREA (SQ. YD.)
10+00 to 13+50	LT.	1,308.4
10+00 to 13+50	RT.	1,316.2
TOTALS		2,624.6

* Measured Surface Quantity

CONCRETE DITCH LINING		
LOCATION	SIDE	AREA (SQ. YD.)
ACCESS RAMP	LT.	143.0
ACCESS RAMP	RT.	143.0
DRY CREEK	SOUTH	150.0
DRY CREEK	NORTH	152.0
TOTALS		588.0

COMBINED CURB & GUTTER CONSTRUCTION		
STATION to STATION	SIDE	LENGTH (L.F.)
0+20 to 2+15	LT.	195.0
2+15 to 2+67.61	LT.	29.0
0+20 to 2+25	RT.	205.0
2+25 to 2+67.61	RT.	53.6
TOTALS		482.6

HEAVY STONE RIPRAP		
STATION	SIDE	S.Y.
12+40	LT.	5.3
13+52.70	LT.	4.6
13+52.70	LT.	5.4
13+80	RT.	3.0
22+00	LT.	4.1
TOTALS		22.4

CONCRETE PAVEMENT (6")	
LOCATION	AREA (SQ. YD.)
ACCESS RAMP	499.0
DRIVE (RAMP)	45.6
DRIVE (HILLSIDE)	@ 274.4
TOTALS	819.0

@ The use of Pervious Concrete and Rock Base shall be considered Subsidiary.

GATE INSTALLATION	
LOCATION	EACH
GYPSUM CREEK	3
ACCESS RAMP	2
TOTALS	5

6' CHAIN LINK FENCE		
LOCATION	SIDE	LENGTH (L.F.)
Gypsum Creek	NORTH	1,995.0
Gypsum Creek	SOUTH	329.0
ACCESS RAMP	WEST	187.0
ACCESS RAMP	SOUTH	35.0
ACCESS RAMP	NORTH	30.0
TOTALS		2,576.0

REINFORCED CRUSHED ROCK BASE (6")	
STATION to STATION	AREA (SQ. YD.)
0+20 to 1+24	197.0
1+24 to 2+15	192.0
2+15 to 2+67.61	171.0
TOTALS	560.0

CONCRETE RETAINING WALL		
STATION to STATION	CLASS AAA CONCRETE	REINF. STEEL (GR. 60)
10+40 to 12+10	43	1,580
12+55 to 13+70	70	4,330
TOTALS	113	5,910

CITY OF WICHITA
JAMES ARMOUR, P.E., CITY ENGINEER
GYPSUM CREEK
SUMMARY OF QUANTITIES
CITY OF WICHITA PROJECT NO. 468-82473
PB PARSONS BRINCKERHOFF
Wichita, Kansas
SCALE: _____ DATE: 10/31/2007 DWG No. 32158A