A. C. PAVEMENT (BM-2)(PG 70-28)

LOCATION STATION TO STATION	WEARING SURFACE (2") (SQ.YD.)	BIT. BASE (4") (SQ.YD.)	REMARKS
MT. VERNON:			
11+87.43 to 49+55.46	11,532.66	11,532.66	
SIDEROADS:			
Silver St.	34.71	34.71	
Exchange Place	80.02	80.02	
Gold St.	80.92	80.92	
Palisade Ave.	77.63	77.63	
Waco Ave.	68.92	68.92	
Wichita St.	131.90	131.90	
Water St.	132.22	132.22	
Main St.	179.02	179.02	
Market St.	114.98	114.98	
Broadway Ave.	345.92	345.92	
TOTAL	12,250.58	12,250.58	

REINFORCED CRUSHED ROCK BASE

LOCATION STATION TO STATION	CRUSHED ROCK BASE (6") (SQ.YD.)	CRUSHED ROCK BASE (8") (SQ.YD.)	REMARKS
MT VERNON:			
11+31.09 to 16+91.61		2179.02	Mainline
16+91.61 to 20+51.58		1625.04	
20+51.58 to 24+11.41		1622.31	
24+11.41 to 27+97.32		1720.20	
27+97.32 to 31+57.71		1375.24	
31+57.71 to 35+22.87		1579.40	
35+22.87 to 39+02.60		1571.41	
39+02.60 to 42+82.50		1556.42	
42+82.50 to 47+16.92		1828.14	
47+16.92 to 49+55.46		1031.15	
MT VERNON:			
11+33.60 to 11+87.46	368.70		Greenway
31+02.74 to 31+88.47	456.38		Wichita
38+61.91 to 39+43.59	485.98		Main
45+84.97 to 47+16.92	990.87		Broadway
TOTAL	2,301.93	16,058.33	

SODDING (FOR INFORMATION ONLY)

LOCATION	SIDE	SOD (S.Y.)	REMARKS
11+31.10 to 49+55.46	Lt.	1477.32	
11+31.10 to 49+55.46	Rt.	2341.19	
TOTAL		3,818.51	

BRICK PAVER CROSSWALK

STATION	SIDE	CONC. PAVING BRICK (SQ.FT.)	8"CONC. BASE (SQ.FT.)	REMARKS
MT. VERNON:				
46+08.97 to 46+92.92	℄	1,463.66	1,463.66	
TOTAL		1,463.66	1,463.66	

SANITARY SEWER

LOCATION	8" (L.F.)	10" (L.F.)	18" (L.F.)	TYPE P MH (EACH)	FLOWABLE FILL (L.F.)	REMARKS
Line 1	365.44					
Line 2		397.29				
Line 3	24.50		1,195.70	6		
TOTAL	389.94	397.29	1,195.70	6		

CONCRETE PAVEMENT

STATION/LOCATION	SIDE	8"(AE) (SQ.YD.)	9" (AE) (SQ.YD.)	REMARKS
MT.VERNON:				
11+33.60 to 11+87.46	℄	324.56		Greenway/Mt.Vernon Inter.
31+02.74 to 31+88.47	℄	398.57		Wichita/Mt.Vernon Inter.
38+61.91 to 39+43.59	℄	441.63		Main/Mt.Vernon Inter
45+84.97 to 47+16.92	℄		732.04	Broadway/Mt.Vernon Inter.
TOTAL		1,164.76	732.04	

RECAPITULATION OF QUANTITIES

BID ITEM (LUMP SUM)	QUANTITY	UNIT
ROAD ITEMS:		
Pavement Removal	18,328	S.Y.
Excavation	2,400	C.Y.
Compacted Fill (90% Density)	400	C.Y.
A.C. Pavement, 6" (4" Bit. Base)	12,251	S.Y.
Concrete Pavement, 9" (AE)	732	S.Y.
Concrete Pavement (8")(AE)	1,162	S.Y.
RCVG Pavement, 8"	1,084	S.Y.
Reinforced Crushed Rock Base (6")	2,302	S.Y.
Reinforced Crushed Rock Base (8")	16,058	S.Y.
Combined Curb and Gutter (Type I and II)(AE)	7,781	L.F.
Wheelchair Ramp	57	EACH
Brick Pavers Cross-walk	1,464	S.F.
Manhole Adjust	14	EACH
Replace Frame and Lid	1	EACH
Meter Box Adjust	8	EACH
Valve Box Adjust	5	EACH
Type I Curb Inlet (5' opening)	1	EACH
Type I Curb Inlet (10' opening)	32	EACH
Type I Curb Inlet (15' opening)	6	EACH
Type I-A Curb Inlet (5' opening)	1	EACH
Type II Curb Inlet (Double)	7	EACH
Type II Curb Inlet (Double)(Special)	3	EACH
Driveway Grated Inlet	4	EACH
Inlet Hook-up	50	EACH
Reinforced Concrete Manhole (7'x10')	1	EACH
Reinforced Concrete Manhole (6'x8')	1	EACH
Manhole Stack (5' dia.)	3	EACH
Manhole Stack (4' dia.)	14	EACH
Manhole, Type P (5' dia.)	1	EACH
Manhole, Type P (4' dia.)	1	EACH
SWS, 18" RCP	855	L.F.
SWS, 24" RCP	407	L.F.
SWS, 30" RCP	268	L.F.
SWS, 68"x43" RCPHE	194	L.F.
SWS, 5'x4' RCB	791	L.F.
SWS, 6'x3' RCB	74	L.F.
SWS, 6'x6' RCB	1,248	L.F.
SWS, 7'x4' RCB	1,486	L.F.
SWS, 9'x4' RCB	173	L.F.
Sand Backfill, Jetted and Vibrated	5,496	L.F.
9'x4' RCB End Section	1	L.S.
MISCELLANEOUS ITEMS:		
Clearing and Grubbing	1	L.S.
Removal of Existing Structures	1	L.S.
Transport of Salvaged Materials	1	L.S.
Site Restoration	1	L.S.
Field Office and Laboratory (Type A)	1	EACH
Mobilization	1	L.S.
SODDING ITEMS:		
Sodding	1	L.S.
TRAFFIC SIGNAL ITEMS:		
Traffic Signal Installation	1	L.S.
Temporary Traffic Signal	1	L.S.
PAVEMENT MARKING ITEMS:		
Pavement Marking	1	L.S.
SIGNING ITEMS:		
Traffic Signing	1	L.S.
TRAFFIC CONTROL ITEMS:		
Traffic Control	1	L.S.

RECAPITULATION OF QUANTITIES

MEASURED QUANTITY BID ITEMS:	QUANTITY	UNIT
ROAD ITEMS:		
Sidewalk Removal	21,217	S.F.
5" Asphalt Pavement (3" Bit. Base)	777	S.F.
Driveway Concrete Pavement (Reinf.), 8"	15,957	S.F.
Sidewalk Concrete, 4"	27,460	S.F.
Protection Curb, 6"	161	L.F.
TEMP. PROJECT WATER POLL. CONTROL ITEMS:		
Erosion Control BMP (Back of Curb Protection)	7,090	L.F.
Erosion Control BMP (Curb Inlet Protection)	39	EACH
Erosion Control BMP (Silt Barrier)	50	L.F.
Erosion Control BMP (Stabilized Entrance)	14	EACH
TRAFFIC CONTROL ITEMS:		
Temporary Asphalt Surfacing	1,089	S.Y.
SANITARY SEWER BID ITEMS	QUANTITY	UNIT
LUMP SUM BID ITEMS:		
8" Sanitary Sewer	391	L.F.
10" Sanitary Sewer	398	L.F.
18" Sanitary Sewer	1,196	L.F.
Manhole, Type P (4' dia.)	6	EACH
Flowable Fill	1,960	L.F.
Replace Frame and Lid	6	EACH
Remove Existing Sanitary Sewer	1,358	L.F.
Remove Existing Manhole	1	EACH
Abandon Existing Manhole	1	EACH
MEASURED QUANTITY BID ITEMS:	QUANTITY	UNIT
4" Service Connection	2	EACH
4" Sanitary Sewer Service (Sch. 40)	88	L.F.
WATER BID ITEMS:	QUANTITY	UNIT
MEASURED QUANTITY BID ITEMS:		
WL Pipe 08"	73	L.F.
WL Pipe 12"	881	L.F.
DICL SJ Pipe 06"	36	L.F.
DICL SJ Pipe 08"	141	L.F.
DICL SJ Pipe 12"	453	L.F.
Anchored Valve Assembly 6"	2	EACH
Anchored Valve Assembly 8"	11	EACH
Anchored Valve Assembly 12"	3	EACH
Anchored Valve Assembly (Special) 12"	2	EACH
MJ Butterfly Valve Assembly 12"	3	EACH
Fire Hydrant Assembly	5	EACH
Remove Existing Fire Hydrant	5	EACH
Blowoff Assembly 2"	2	EACH
CIMJ Cap, 08"	4	EACH
CIMJ Cap, 12"	6	EACH
Long Service	5	EACH
Short Service	8	EACH
Temporary Pavement Patch	2,400	S.Y.
Curb & Gutter	30	L.F.
Permanent Pavement Patch	58	S.Y.

FOR UTILITY ADJUSTMENT SUMMARY SEE PLAN SHEETS
FOR BMP SUMMARY OF QUANTITIES SEE SHT. NO. 79
FOR TRAFFIC SIGNAL SUMMARY OF QUANTITIES SEE SHT. NO. 86
FOR PAVEMENT MARKING SUMMARY OF QUANTITIES SEE SHT. NO. 91
FOR SIGNING SUMMARY OF QUANTITIES SEE SHT. NO. 92

MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

MT VERNON STREET AND DRAINAGE IMPROVEMENTS FROM GREENWAY TO BROADWAY

SUMMARY OF QUANTITIES

SHEET TITLE
472-84289
448-90385
468-84514
PROJECT NUMBER

JRA — DESIGN BY
JSB — DRAWN BY
JRA — CHECKED BY

ISSUED
May 27, 2008
REVISED

SHEET NO.
78 of 120

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PLOTTED: Tuesday, May 27, 2008 @ 04:37PM