

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0245-01	2007	50	55

LUMP SUM Items	Quantity	
<b>Common Items</b>		
Field Office and Laboratory (Type A)	1	EA
Mobilization	1	LS
Mobilization (DBE)	1	LS
Removal of Existing Structures	1	LS
<b>Road Items</b>		
Site Clearing and Restoration	1	LS
Common Excavation	445	CY
Compacted Fill (95% Density)	100	CY
Rock Excavation, Pavement Removal	6,513	SY
Wheelchair Ramp Construction	12	EA
Comb. C & G (Type 1) (AE)	2,199	LF
Inlet Removed	4	EA
SWS Pipe RCP 15"	62	LF
SWS Pipe RCP 18"	260	LF
Inlet, Curb (Type 1) 10' x 3'	4	EA
Inlet Hookup	4	EA
MH, Shallow Type "P"	2	EA
MH, Special Shallow Type "P" 4' Dia	1	EA
Fence Removal	1	LS
MH, Adj. (SWS or SS) w/ New Rings & Covers	5	EA
Site Restoration	1	LS
Project Seeding	1	LS
Project Sodding	1	LS
<b>Bituminous Surfacing Items</b>		
AC Pavement 7" (5" Base)(BM-2, PG 70-28)	5,474	SY
Reinforced Crushed Rock Base (8") (includes Geo-grid)	6,222	SY
2" Mill & Overlay (BM-2, PG 70-28)	4,043	SY
<b>Concrete Surfacing Items</b>		
Concrete Pavement 9" (AE)(Reinforced)	1,350	SY
Paving Brick (3 1/8)	280	SY
Reinforced Crushed Rock Base (6")	1,710	SY
<b>Traffic Items</b>		
Street Signage	1	LS
Pavement Marking	1	LS
Traffic Signalization	1	LS
Temporary Traffic Signalization	1	LS
Traffic Control	1	LS
<b>Water Items</b>		
WL Pipe 08"	1,265	LF
DICL SJ Pipe 06"	9	LF
DICL SJ Pipe 08"	26	LF
Fire Hydrant Assembly	3	EA
Blow-Off Assembly 2"	1	EA
8" Anchor Valve	2	EA
1" Service (short)	18	EA
1" Service (long)	13	EA
Pipe Removed	12	LF
Valve Box Removed	2	EA
Fire Hydrant Removed	3	EA
<b>Sanitary Sewer Items</b>		
SS Pipe PVC 8"	374	LF
SS Pipe PVC 18"	52	LF
DICL SJ Pipe 08"	40	LF
MH, Type P or C (Standard)	4	EA
Flowable Fill	466	LF
AC Pavement 5" (Comm. GR, Temporary)	480	LF
<b>Non-Participating Items</b>		
Transport Salvageable Materials	1	LS
Irrigation Repair (private)	1	LS
<b>Measured Quantity Items</b>		
Remove and Replace Pavement (Water Line)	770	LF
Conc. &/or Asph. Sidewalk, Drive, &/or Parking Lot Rmd	2,065	SY
Sidewalk Concrete (4")	8,444	SF
Sidewalk - Thickened Edge	674	LF
Concrete Pavement (8")(AE)(Reinforced) (Drives)	4,298	SF
Concrete Pavement (6")(AE) (Parking Lot)	380	SF
AC Pavement 6" (4" Bit. Base) (Parking Lot)	22	SY
Erosion Control BMP's - Sediment Barrier, Linear	100	LF
Erosion Control BMP's - Sediment Barrier, Inlet	4	EA
Erosion Control BMP's - Erosion Control Blanket	2,000	SY

INLET AND MANHOLE DATA					
LOCATIONS OF INSTALLATIONS			CONSTRUCT OR INSTALL		
STATION	INLET (TYPE 1) (CURB) TO FT		MANHOLE (SHALLOW) TYPE 'P'	MANHOLE (SPECIAL SHALLOW) TYPE 'P'	
BROADWAY					
28+66.64, 26.54' Lt.	1				
28+66.64, 35.43' Rt.	1				
30+55.37, 31.06 Lt.	1				
13th STREET NORTH					
3+22.78, 33.58' Rt.			1		
3+23.04, 17.93' Lt.			1		
5+82.17, 37.46' Lt.	1				
6+79.54, 19.98' Rt.				1	
TOTALS					
	4		2	1	

STORM WATER SEWER PIPE DATA		
LOCATIONS OF INSTALLATIONS		CONSTRUCT REINFORCED CONC PIPE
STATION		15" 18"
BROADWAY		
28+66.64, 26.54' Lt. to 29+87.88, 28.33' Lt.		121.33
28+66.64, 26.54' Lt. to 28+66.64, 35.43' Rt.	61.97	
29+87.88, 28.33' Lt. to 30+55.37, 31.06' Lt.		67.49
13th STREET NORTH		
5+30.66, 12.11' Rt. to 5+82.17, 37.46' Lt.		71.49
TOTALS		
	61.97	260.31

CONC. PAVEMENT (9 INCH)(AE)(REINFORCED)				
STATION TO STATION	ROADWAY	SIDE	CONC. PVMT. (9 INCH UNIF.) (SQ. YDS)	REMARKS
INTERSECTION				
29+36.74 to 30+75.92	BROADWAY	Lt. & Rt.	1350	
4+27.92 to 5+73.82	13TH	Lt. & Rt.		
TOTALS			1350	

COMBINED CURB & GUTTER (TYPE 1)(AE)					
STA. TO STA.	ROADWAY	SIDE	TYPE 1 (LIN. FEET)		REMARKS
26+95 to 29+37	Broadway	Lt.	242		
26+95 to 29+37	Broadway	Rt.	242		
30+75 to 33+10	Broadway	Lt.	225		
30+73 to 33+10	Broadway	Rt.	237		
1+86 to 4+40	13TH	Rt.	254		
1+86 to 4+28	13TH	Lt.	242		
5+64 to 8+25	13TH	Lt.	261		
5+67 to 8+25	13TH	Rt.	258		
4+40 to 4+72	13TH	Rt.	61		Intersection Radius
4+28 to 4+69	13TH	Lt.	62		Intersection Radius
5+26 to 5+64	13TH	Lt.	61		Intersection Radius
5+31 to 5+67	13TH	Rt.	54		Intersection Radius
TOTALS			2199		

SIDEWALK CONSTRUCTION (4 IN)(AE)				
STATION TO STATION	ROADWAY	SIDE	WIDTH (FT.)	4 INCH (SQ. FT.)
29+07 to 29+53	BROADWAY	Rt.	12	495
30+30 to 31+84	BROADWAY	Rt.	6	980
32+20 to 32+32	BROADWAY	Rt.	6	72
32+47 to 33+10	BROADWAY	Rt.	6	367
27+30 to 28+15	BROADWAY	Lt.	6	144
28+25 to 28+55	BROADWAY	Lt.	6	144
28+55 to 28+78	BROADWAY	Lt.	5	115
28+90 to 29+26	BROADWAY	Lt.	5	180
30+52 to 30+84	BROADWAY	Lt.	6	261
31+25 to 31+36	BROADWAY	Lt.	6	65
31+73 to 32+04	BROADWAY	Lt.	6	186
32+66 to 33+00	BROADWAY	Lt.	6	186
TOTALS				
				8,359

2" Mill & Overlay (BM-2, PG 70-28)					
Station	Station	Side	Width	Length	SY
22+92	26+95	LT & RT	43.0	403.0	1925
33+00	36+98	LT	21.5	398.0	951
33+10.51	36+98	RT	21.5	387.5	926
12th & BROADWAY INTERSECTION					128
14th & BROADWAY INTERSECTION					113
Total =					4043

Concrete Pavement (8")(AE)(Reinforced)				Concrete Pavement (6") Plain				AC Pavement 6" (4" Bit Base)			
Station	Side	Width	SF	(Drives &/or Parking Lots)				(Drives &/or Parking Lots)			
<b>Broadway</b>							SY				SY
27+13.00	LT	24.0	397				-				-
27+88.84	RT	22.5	243				-				-
28+18.27	LT	10.0	106				90				-
28+84.55	LT	12.0	149				144				-
29+34.25	LT	15.0	135				146				-
31+04.38	LT	30.0	252				-				-
31+50.30	LT	19.5	310				-				-
32+27.40	RT	12.0	228				-				-
32+40.46	LT	41.5	321				-				-
<b>13th St. N.</b>											
2+00.00	LT	30.0	538				-				-
2+71.18	LT	30.0	404				-				-
3+28.41	LT	30.0	316				-				-
3+49.29	RT	30.0	264				-				-
6+77.23	LT	16.0	242				-				-
7+08.44	RT	24.0	393				-				-
Totals			4,298				380				22

AC PAVEMENT 7" (5" BASE)(BM-2, PG 70-28)	
STATION TO STATION	(SQ. YDS)
26+95 to 29+36.74	1345 S.Y.
30+75.92 to 33+10	1245 S.Y.
1+84 to 4+27.92	1407 S.Y.
5+73.82 to 8+25	1477 S.Y.
13th & BROADWAY	INTERSECTION
total	5474 S.Y.

ROCK EXCAVATION (PAVEMENT REMOVAL)			
STA TO STA	ROADWAY	LOCATION	FULL DEPTH PAVEMENT REMOVAL (SQ. YDS)
26+95 to 29+36.74	BROADWAY	CL	1350
30+75.92 to 33+10	BROADWAY	CL	1200
1+84 to 4+27.92	13TH	CL	1320
5+73.82 to 8+25	13TH	CL	1360
13th & BROADWAY	INTERSECTION	INTER.	1283
TOTALS			6513

REINFORCED CRUSHED ROCK BASE (INCLUDES GEOGRID)					
STA TO STA	ROADWAY	LOCATION	6 INCH (SQ. YDS)	8 INCH (SQ. YDS)	GEOGRID REINF. FOR BASE (SQ. YDS)
26+95 to 29+36.74	BROADWAY	CL		1532	for info only
30+75.92 to 33+10	BROADWAY	CL		1420	1420
1+84 to 4+27.92	13TH	CL		1597	1597
5+73.82 to 8+25	13TH	CL		1673	1673
13th & BROADWAY	INTERSECTION	INTER.	1710		1710
TOTALS			1710	6222	7932

REVISED: 10/31/07

### 13TH & BROADWAY PAVING IMPROVEMENTS SUMMARY OF QUANTITIES WICHITA, KANSAS



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DESIGN PDC  
DRAWN PDC  
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UTILITY

SHEET 50 OF 55

DRAWING FILE project quantities

PROJECT NUMBER 84178

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