

CONCRETE PAVING QUANTITIES

Station	Offset	Area (sf)	Area (sy)
Park Place			
10+32.13	Lt.	137.6	15.3
10+79.79	Lt.	206.1	22.9
11+26.46	Lt.	338.4	37.6
11+85.58	Lt.	207.9	23.1
12+94.20	Lt.	338.4	37.6
14+38.95	Lt.	338.4	37.6
14+95.58	Lt.	338.4	37.6
15+62.79	Lt.	178.9	19.9
16+39.80	Lt.	323.9	36.0
11+22.71	Rt.	338.4	37.6
14+41.56	Rt.	207.9	23.1
15+46.25	Rt.	193.4	21.5
TOTAL=		3147.7	349.7
Wellington Place			
10+81.92	Lt.	338.4	37.6
11+92.94	Lt.	323.9	36.0
12+37.94	Lt.	193.4	21.5
18+74.71	Lt.	338.4	37.6
20+88.16	Lt.	338.4	37.6
22+14.40	Lt.	222.4	24.7
22+94.89	Lt.	178.9	19.9
10+87.11	Rt.	294.9	32.8
11+41.77	Rt.	178.9	19.9
12+36.81	Rt.	178.9	19.9
13+15.55	Rt.	338.4	37.6
13+76.73	Rt.	329.9	36.7
14+14.64	Rt.	201.1	22.3
14+83.63	Rt.	326.8	36.3
15+74.47	Rt.	178.9	19.9
16+41.52	Rt.	280.4	31.2
18+29.76	Rt.	193.4	21.5
19+06.15	Rt.	323.9	36.0
19+67.20	Rt.	207.9	23.1
21+46.05	Rt.	309.4	34.4
22+28.21	Rt.	309.4	34.4
TOTAL=		5586.0	620.9
28th Street			
11+64.86	Lt.	193.4	21.5
12+15.72	Lt.	309.4	34.4
14+41.50	Lt.	338.4	37.6
14+88.86	Lt.	222.4	24.7
13+97.34	Rt.	164.4	18.3
TOTAL=		1228.0	136.4
Project Total		9961.7	1107.0

RECAPITULATION OF ROAD QUANTITIES		
ITEM	UNIT	QUANTITY
5" Asphalt Pavement (3" Base)	S.Y.	7483
Common Excavation	C.Y.	4281
8" Reinforced Concrete Valley Gutter	S.Y.	58
Concrete Pavement (5 Inch)	S.Y.	58
Concrete Pavement (6 Inch)(Res. Drive)	S.Y.	1107
Combined Curb & Gutter (Type I & II)	L.F.	5040
Crushed Stone Subgrade (5")	S.Y.	9395
Remove 12" CMP Storm Sewer Pipe	L.F.	76
Remove 15" RCP Storm Sewer Pipe	L.F.	39
Install 12" RCP	L.F.	100
Adjust Existing Storm Inlet	Ea.	7
Inlet Hookup	Ea.	9
Adjust Existing Water Valves	Ea.	14
Mailbox Relocation	Ea.	1

VALLEY GUTTER QUANTITIES(6")

Street	Side	Area (SY)
Wellington & 27th Street	℄	57.9
TOTAL=		57.9

CONCRETE PAVEMENT (5")

Street	Side	Area (SY)
Park Place & 27th Street	℄	57.9
TOTAL=		57.9

ASPHALT QUANTITIES

Sta. to Sta.	Length (lf)	Width (lf)	Depth (in.)	Tons
Park Place				
<i>Surface Course</i>				
10+15	16+78.38	26.0	2	209
<i>Base Course</i>				
10+15	16+78.38	26.0	3	313
<i>Asphaltic Oil For Bit. Base</i>				
10+15	16+78.38			17
<i>Asphaltic Oil For Bit. Surface</i>				
10+15	16+78.38			11
Wellington Place				
<i>Surface Course</i>				
10+23.43	23+92.38	26.0	2	425
<i>Base Course</i>				
10+23.43	23+92.38	26.0	3	637
<i>Asphaltic Oil For Bit. Base</i>				
10+23.43	23+92.38			35
<i>Asphaltic Oil For Bit. Surface</i>				
10+23.43	23+92.38			23
28th Street				
<i>Surface Course</i>				
10+44.77	15+81.8	26.0	2	169
<i>Base Course</i>				
10+44.77	15+81.8	26.0	3	254
<i>Asphaltic Oil For Bit. Base</i>				
10+44.77	15+81.8			14
<i>Asphaltic Oil For Bit. Surface</i>				
10+44.77	15+81.8			9

CURB and GUTTER

Sta. to Sta.	Offset (ft)	Side	Length (L.F.)	
Park Place				
27th St. Intersection	15.5	Lt.	23.6	
27th St. Intersection	15.5	Rt.	23.6	
10+15	16+78.38	15.5	Lt.	663.4
10+15	16+69.00	15.5	Rt.	654.0
TOTAL=			1364.6	
Wellington Place				
27th St. Intersection	15.5	Lt.	23.6	
27th St. Intersection	15.5	Rt.	23.6	
10+23.43	16+81.78	15.5	Lt.	658.4
10+23.43	16+81.78	15.5	Rt.	658.4
17+42.78	23+92.38	15.5	Lt.	649.6
17+42.78	23+92.38	15.5	Rt.	649.6
28th St. Intersection			94.40	
TOTAL=			2757.6	
28th Street				
10+48	12+76.61	15.5	Lt.	228.6
10+48	12+76.61	15.5	Rt.	228.6
13+37.66	15+68.17	15.5	Lt.	230.5
13+37.66	15+68.17	15.5	Rt.	230.5
TOTAL=			918.2	
Project Total			5040.4	

CRUSHED STONE SUBGRADE (5")

Sta. to Sta.	Length (LF)	Width (LF)	Area (SY)	Comments
Park Place				
27th St. Intersection			64.9	
10+15	16+78.38	663.4	33	2432.5
Total =			2497.5	
Wellington Place				
27th St. Intersection			64.9	
10+23.43	23+92.38	1369.0	33	5019.5
28th St. Intersection			129.8	
Total =			5214.2	
28th Street				
10+44.77	12+76.61	228.6	33	838.2
13+37.66	15+68.17	230.5	33	845.2
Total =			1683.4	
Project Total			9395.1	

EARTHWORK

Roadway	Sta. to Sta.	Common Excavation (CY)	Embankment (CY)	Contractor Furnished Excavation (CY)
Park Place				
Park Place	10+15	16+78.38	1112	69
Totals			1112	69
Wellington Place				
Wellington Place	10+30.93	23+92.38	2499	217
Totals			2499	217
28th Street				
28th Street	10+33.45	15+81.8	670	83
Totals			670	83
Project Total			4281	369

DRAINAGE STRUCTURES

Item	Location	Unit	Quantity
Park Place			
Remove Existing 12" CMP Storm Sewer Pipe	Sta. 10+07	L.F.	42
Remove Existing 12" RCP Storm Sewer Pipe	Sta. 16+35.95 Rt.	L.F.	14
Install 12" RCP Storm Sewer Pipe	Sta. 10+05.53	L.F.	100
Adjust Existing Storm Inlet	Sta. 16+74.00 Rt.	Ea.	1
Inlet Hookup	Sta. 16+74.00 Rt.	Ea.	1
Wellington Place			
Remove Existing 12" RCP Storm Sewer Pipe	Sta. 10+02.25	L.F.	20
Remove Existing 15" CMP Storm Sewer Pipe	Sta. 10+07.16	L.F.	39
28th Street			
Inlet Hookup	Sta. 10+38.02 Lt.	Ea.	1
Inlet Hookup	Sta. 10+39.67 Rt.	Ea.	1
Adjust Existing Storm Inlet	Sta. 12+68.09 Rt.	Ea.	1
Inlet Hookup	Sta. 12+68.09 Rt.	Ea.	1
Adjust Existing Storm Inlet	Sta. 12+68.09 Lt.	Ea.	1
Inlet Hookup	Sta. 12+68.09 Lt.	Ea.	1
Adjust Existing Storm Inlet	Sta. 13+45.64 Lt.	Ea.	1
Inlet Hookup	Sta. 13+45.64 Lt.	Ea.	1
Adjust Existing Storm Inlet	Sta. 13+45.85 Rt.	Ea.	1
Inlet Hookup	Sta. 13+45.85 Rt.	Ea.	1
Adjust Existing Storm Inlet	Sta. 15+73.17 Lt.	Ea.	1
Inlet Hookup	Sta. 15+73.17 Lt.	Ea.	1
Adjust Existing Storm Inlet	Sta. 15+73.17 Rt.	Ea.	1
Inlet Hookup	Sta. 15+73.17 Rt.	Ea.	1

CITY OF WICHITA
 28th Street (Fairview To Park Place)
 Park Place (27th Street To 28th Street)
 Wellington Place (27th St. To 29th St.)

SUMMARY OF QUANTITIES

WICHITA KANSAS

DESIGNED: J.R.L. DRAWN: M.P.M.
 CHECKED: B.A.L. DATED: 2/20/03
 SCALE: 1" = 20' SHEET NO: 14 of 28

TRAN SYSTEMS CORPORATION
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