Summary of Earthwork		
Street	Common (cy)	Compaction (Type B) (MR-90) (cy)
Woodlawn	4715.9	362.5
Total =	4715.9	362.5

Summary of Removal				
	Pavement Removal		Sidewalk Removal	
Street	Area (sy)	Vol (cy)	Area (sy)	Vol (cy)
Woodlawn Ave.	5201.8	1011.5	834.6	92.7
Total =	5201.8	1011.5	834.6	92.7

AC Base Course (BM-2, PG70-28) 5"					
Station to	Station	Length (ft)	Width (ft)	Area (sf)	Area (sy)
121+54.72	130+56.48	901.8	Varies	48578.1	5397.6
			Total =	48578.1	5397.6

AC Surface Course (BM-2, PG70-28) 2"					
Station to	Station	Length (ft)	Width (ft)	Area (sf)	Area (sy)
121+54.72	130+56.48	901.8	Varies	48578.1	5397.6
			Total =	48578.1	5397.6

8" Reinforced Crushed Rock Base				
Station to	Station	Length (ft)	Width (ft)	Area (sy)
121+54.72	130+56.48	901.8	Varies	6279.2
			Total =	6279.2

Driveway Concrete (8") (Reinforced)						
Driveway	Side	P	L	W	Y	Area (sf)
126+75.57	Rt.	11.12'	-	20.0'	-	331.0
					Total =	331.0

Driveway Concrete (6") (Reinforced)						
Driveway	Side	P	L	W	Y	Area (sf)
123+78.38	Lt.	49.50'	40.0'	12.0'	-	662.4
					Total =	662.4

Concrete Pavement (8") (Reinforced)				
Station to	Station	Length (ft)	Width (ft)	Area (sy)
123+14.72	123+85.72	71.0	Varies	89.1
			Total =	89.1

Valley Gutter (8") (Reinforced)				
Station to	Station	Length (ft)	Width (ft)	Area (sy)
128+17.19	128+88.19	71	Varies	89.7
			Total =	89.7

Sidewalk Const. (4")(AE)				
Station to	Station	Side	Area (sf)	Thickend Edge (lf)
121+54.72	123+72.38	Lt.	1087.6	
123+84.38	128+25.62	Lt.	2213.7	
128+75.79	130+56.48	Lt.	898.0	
122+76.00	123+27.64	Rt.	266.4	
123+72.58	126+32.70	Rt.	1569.7	
127+12.50	130+56.48	Rt.	1658.0	
121+54.72	122+76.00	Rt.		121.25
126+32.70	126+56.61	Rt.		23.91
126+94.75	127+12.50	Rt.		17.75
		Total =	7693.4	162.9

Curb and Gutter, Comb., Type 1 (6")			
Station to	Station	Length (ft)	Side
121+54.72	123+62.38	207.8	Lt.
123+94.38	128+37.69	455.3	Lt.
128+67.69	130+56.48	200.7	Lt.
121+54.72	123+35.39	192.3	Rt
123+65.22	126+65.75	312.1	Rt
126+85.75	130+56.48	370.8	Rt.
	Total =	1739.0	

Curb and Gutter, Comb., Type 2 (6-5/8")			
Station to	Station	Length (ft)	Side
123+62.38	123+94.38	32.0	Lt.
126+65.75	126+85.75	20.0	Rt.
	Total =	52.0	

Wheelchair Ramps		
Station	Side	Quantity
123+27.64	Rt.	1
123+72.58	Rt.	1
128+25.62	Lt.	1
128+75.79	Lt.	1
	Total =	4

SUMMARY OF DRAINAGE QUANTITIES

Sta.	Offset	Side	End Section	Curb Inlet (Type 1)	RCP	RCB	Line No.	Length (L.F.)	Size	Structure FL In	Structure FL In	Structure FL Out
125+59.96	55.00'	Lt.	1				B1	-	18"		212.17	-
125+59.96	65.00'	Rt.	1				B1	-	18"		-	209.65
126+27.00	58.00'	Lt.	1				A3	-	34" X 53"		211.40	-
126+27.00	55.60'	Rt.	1				AOUT	-	48"		-	210.30
126+27.00	30.00'	Lt.		1			A2	-	10' x 6'	210.90	210.82	210.70
126+27.00	30.00'	Rt.		1			A1	-	10' x 3'		210.50	210.39
127+80.00	30.00'	Lt.		1			A4	-	15' x 6'		211.50	211.28
127+80.00	30.00'	Rt.		1			A5	-	15' x 3'		-	211.80
125+59.96	-	-			1		B1	120.0'	18"		212.17	209.65
126+27.00	-	-				1	A2	60.5'	5' x 3'		210.70	210.50
126+27.00	58.00'	Lt.			1		A3	17.0'	34" X 53"		211.40	210.90
126+27.00	30.00'	Rt.			1		A1	17.0'	48"		210.39	210.30
127+80.00	30.00'	Lt.			1		A4	143.5'	29" X 45"		211.28	210.82
127+80.00	-	-			1		A5	60.5'	19" X 30"		211.80	211.50

Adjustment of Water Valve		
Station	Offset	Side
123+24.30	26.53'	Rt.
124+14.32	31.33'	Rt.
126+34.04	32.08'	Rt.
	Total =	3

Rip-Rap, Light Stone (18")			
Station	Offset	Side	Area (sy)
125+59.96	55.00'	Lt.	17.4
125+59.96	65.01'	Rt.	17.4
126+27.00	58.00'	Lt.	58.1
126+27.00	55.60'	Rt.	58.1
		Total =	151.1

	Tree Removal				
Station to	Station	Offset	Side	Small	Large
122+78.82	-	31.19'	Lt.		1
124+95.68	-	55.38'	Rt.		1
122+83.72	123+19.98	33.00'	Lt.	7	
124+61.38	125+10.06	36.00'	Lt.	7	
			Total =	14	2

RECAPITULATION OF ROAD QUANTITIES

ITEM	QUANTITY	UNIT
Mobilization	1	LS
Construction Traffic Control	1	LS
Site Clearing & Restoration	1	LS
Pavement Removal	5202	sy
Removal of Existing Structures	1	LS
Sidewalk Removal	835	sy
AC Base Course (BM-2, PG64-22)(5")	5398	sy
AC Surface Course (BM-2, PG70-28)(2")	5398	sy
Driveway Concrete (6")(Reinforced)	663	sf
Driveway Concrete (8")(Reinforced)	331	sf
Reinforced Crushed Rock Base (8")	6279	sy
Rip-Rap, Light Stone (18")	151	sy
Concrete Pavement (8")(Reinforced)	89	sy
Valley Gutter (8")(Reinforced)	90	sy
Curb & Gutter, Comb., Type 1 (6")	1739	lf
Curb & Gutter, Comb., Type 2 (6-5/8")	52	lf
Sidewalk (4")(AE)	7693	sf
Sidewalk (Thickend Edge)	163	lf
Common Excavation	4716	cy
Compaction of Earthwork (Type B)(MR-90)	363	cy
Pavement Markings	1	LS
Erosion Control BMP (Silt Fence)	600	lf
Erosion Control BMP (Back of Curb Protection)	1739	lf
Erosion Control BMP (Curb Inlet Protection)	6	ea
Erosion Control BMP (Ditch Check Protection)	4	ea
Wheelchair Ramp Construction	4	ea
Traffic Signal Improvements	1	LS
SWS RCP 18"	120	lf
SWS HERCP (19" X 30")	61	lf
SWS HERCP (29" X 45")	144	lf
SWS HERCP (34" X 53")	17	lf
SWS RCP 48"	17	lf
SWS RCB (Precast)(5' x 3')	61	lf
Sand Fill, Flush & Vibrate Waterline	42	lf
SWS End Section (18")	2	ea
SWS HERC End Section (34" X 53")	1	ea
SWS RC End Section (48")	1	ea
Curb Inlet (Type1)(10' x 6')	1	ea
Curb Inlet (Type 1)(10' x 3')	1	ea
Curb Inlet (Type 1)(15' x 6')	1	ea
Curb Inlet (Type 1)(15' x 3')	1	ea
Adjust Water Valve	3	ea
Waterline (8")	40	lf
Sand Fill, Flush & Vibrate Waterline	40	lf
Tree Removal (Large)	2	ea
Tree Removal (Small)	14	ea
Signing	1	LS
Sodding†	2744	sy

† Contractor Shall Match Exisiting Grass Types

TranSystems
245 NORTH WACO
SUITE 222
WICHITA, KANSAS 67202
PHONE: 316-303-3000
FAX: 316-303-0156

CONSULTANTS:

WOODLAWN AVENUE &
17TH STREET/FARMVIEW LANE
INTERSECTION IMPROVEMENTS

WICHITA, KANSAS

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 472 84907
SCALE: N/A
DATE: 9/8/2010
DESIGNED BY: SGE
DRAWN BY: SGE
CHECKED BY: JRL

SHEET TITLE:

SUMMARY OF QUANTITIES

SHEET NO.
20
SHEET 20 OF 50

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IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING