

Removal of Existing Structures			
Station	Offset	Description	
Pawnee 12+98.9	Lt.	40'x24" RCP	
Pawnee 23+60.8	Lt.	82'x18" RCP	
Pawnee 26+56.0	Lt.	66'x18" RCP	
Pawnee 28+86.8	Lt.	17'x18" RCP	
Pawnee 31+85.1	Lt.	64'x15" RCP	
Pawnee 34+49.5	Lt.	65'x15" RCP	
Pawnee 42+41.5	Lt.	61'x18" RCP w/ Headwalls	
Pawnee 42+54.6 - 42+76.9	Lt.	4.4 Lin. Ft. Curb & Gutter	
Pawnee 42+54.6 - 42+76.9	Lt.	10.5 Sq. Yds. Concrete Flume	
Pawnee 42+10.5 - 42+28.3	Lt.	10.3 Lin. Ft. Curb & Gutter	
Pawnee 42+10.5 - 42+28.3	Lt.	8.1 Sq. Yds. Concrete Flume	
Pawnee 45+05.6	Lt.	59'x18" RCP	
* Pawnee 51+68.9	Rt.	100'x2-6'x4' RCB w/ Headwalls	
Pawnee 58+96.9	Lt.	55'x36" RCP	
Pawnee 61+40.2	-	5'x3'x29.9' Timber Box w/ Wingwalls	
* Pawnee 65+25.6	-	30'x18"x50' HERCP	
Pawnee 71+24.57	-	22.6 Sq. Yds. Concrete Flume	
Pawnee 71+98.2	Lt.	19'x18" CMP	
Pawnee 72+40.7	Lt.	17'x24" CMP	
Pawnee 74+79.2	Lt.	22'x18" CMP	
Pawnee 77+67.0	Lt.	29'x18" CMP	
Pawnee 78+12.6	Lt.	21'x18" CMP	
Pawnee 78+67.5	Lt.	36'x18" CMP	
* Pawnee 81+91.3	-	4-60'x38" HERCP	
Pawnee 82+01.8 - 82+18.9	Lt.	13.8 Sq. Yds. Concrete Flume	
119th 50+32.6 - 53+00.0	Rt.	269.3 Lin. Ft. Fence	
Pawnee 37+35.8 - 37+51.5	Lt.	20.0 Lin. Ft. 2 Rail Fence	
Pawnee 37+72.7 - 39+77.9	Lt.	233.0 Lin. Ft. 6' Wood Fence	
Pawnee 43+07.0 - 43+73.8	Lt.	75.0 Lin. Ft. 6' Wood Fence	
Pawnee 60+13.3	Rt.	17.0 Lin. Ft. Fence	
Pawnee 68+86.3 - 69+09.7	Rt.	29.7 Lin. Ft. Split Rail Fence	
Pawnee 74+79.19	Lt.	45.1 Lin. Ft. Brick Wall	
* Pawnee		Existing Street Signs	
119th 48+74.35	Lt.&Rt.	Headwalls to 24" RCP	
Pawnee 26+08.8 - 26+28.3	Lt.	29.0 Sq. Yds. Rip Rap	
Pawnee 26+85.0 - 26+98.4	Lt.	17.0 Sq. Yds. Rip Rap	
Pawnee 28+78.4 - 28+97.3	Lt.	51.9 Sq. Yds. Rip Rap	
Pawnee 31+41.0 - 31+56.2	Lt.	17.0 Sq. Yds. Rip Rap	
Pawnee 32+15.1 - 32+31.8	Lt.	18.0 Sq. Yds. Rip Rap	
Pawnee 43+55.2 - 43+67.9	Lt.	4.0 Sq. Yds. Rip Rap	

* Salvage and Deliver to 1801 S. Mclean, Wichita, KS
 ** Ex. 2-6'x4' RCB & Handrails to become property of the Contractor.

Sidewalk, Entrance & Parking Lot Removal			
Location	Dir.	Sq. Ft.	
Sta. 12+98.85	Church Entrance	Lt.	2,708.1
Sta. 67+38.22	Entrance	Lt.	1,133.1
Sta. 69+29.04	Entrance	Lt.	499.5
Sta. 71+98.16	Entrance	Lt.	257.4
Sta. 72+40.71	Entrance	Lt.	251.1
Sta. 74+67.12	Entrance	Lt.	755.1
Sta. 74+79.19	Entrance	Lt.	485.1
Sta. 77+66.99	Entrance	Lt.	401.4
Sta. 78+12.56	Entrance	Lt.	236.7
Sta. 78+67.48	Entrance	Lt.	811.8
Sta. 84+87.6 - 88+71.6	Concrete Sidewalk	Lt.	2,400.3
Total			9,939.6

Paving Brick (2 3/8")	
Location	Sq. Ft.
Pawnee - Sta. 10+75.10 to 12+74.80	870.6
Pawnee - Sta. 62+33.99 to 64+16.95	758.0
Total 1,628.6	

2' Concrete Header	
Location	Lin. Ft.
Sta. 16+56.52	10.00
Sta. 21+41.65	10.00
Sta. 28+42.55	10.00
Sta. 29+95.26	10.00
Sta. 38+99.53	10.00
Sta. 40+51.12	10.00
Sta. 47+20.83	10.00
Sta. 49+48.50	10.00
Sta. 78+12.56	10.00
Total 80.00	

1' Concrete Header	
Location	Lin. Ft.
Sta. 12+74.81	7.00
Sta. 62+33.00	5.83
Total 12.83	

8" Reinforced Concrete Valley Gutter Pavement			
Location	Dir.	Sq. Yds.	
Sta. 14+40.00	Church Entrance Valley Gutter	Lt.	89.9
Sta. 23+60.83	Millstead Valley Gutter	Lt.	189.4
Sta. 26+56.04	Parkridge Valley Gutter	Lt.	195.2
Sta. 31+85.11	Cardington Valley Gutter	Lt.	189.1
Sta. 34+49.48	Covington Valley Gutter	Lt.	189.9
Sta. 37+13.52	Shefford Valley Gutter	Lt.	165.1
Sta. 42+41.54	Prescott Valley Gutter	Lt.	165.2
Sta. 45+05.55	Fieldcrest Valley Gutter	Lt.	188.1
Sta. 51+68.91	Lark Valley Gutters	Lt.&Rt.	451.6
Sta. 54+79.91	Stoney Pt. Valley Gutter	Lt.	160.9
Sta. 58+96.91	Leecrest Valley Gutter	Lt.	160.4
Sta. 69+25.53	Pawnee Ct. Valley Gutter	Rt.	201.1
Sta. 71+24.57	Crestline Ave. Valley Gutter	Lt.	179.7
Sta. 78+67.48	Park Entrance Valley Gutter	Lt.	88.0
Total			2,613.5

7" Crushed Stone Subgrade on Geogrid Reinf.			
Location	Dir.	Sq. Yds.	
Sta. 14+40.00	Church Entrance Valley Gutter	Lt.	96.1
Sta. 23+60.83	Millstead Valley Gutter	Lt.	197.3
Sta. 26+56.04	Parkridge Valley Gutter	Lt.	205.7
Sta. 31+85.11	Cardington Valley Gutter	Lt.	199.6
Sta. 34+49.48	Covington Valley Gutter	Lt.	200.4
Sta. 37+13.52	Shefford Valley Gutter	Lt.	175.6
Sta. 42+41.54	Prescott Valley Gutter	Lt.	175.5
Sta. 45+05.55	Fieldcrest Valley Gutter	Lt.	198.4
Sta. 51+68.91	Lark Valley Gutters	Lt.&Rt.	472.7
Sta. 54+79.91	Stoney Pt. Valley Gutter	Lt.	174.6
Sta. 58+96.91	Leecrest Valley Gutter	Lt.	175.6
Sta. 69+25.53	Pawnee Ct. Valley Gutter	Rt.	212.9
Sta. 71+24.57	Crestline Ave. Valley Gutter	Lt.	191.0
Sta. 78+67.48	Park Entrance Valley Gutter	Lt.	96.1
Total			2,771.6

7" A.C. Pavement (5" Bituminous Base Course)		
Location	Sq. Yds.	
Pawnee - Sta. 5+63.26 to 9+43.45	1,520.8	
Pawnee - Sta. 9+43.45 to 10+71.44	1,440.0	
Pawnee - Sta. 10+71.44 to 38+49.12	16,091.0	
Pawnee - Sta. 38+49.12 to 64+20.71	15,207.0	
Pawnee - Sta. 64+20.71 to 65+57.11	1,570.5	
Pawnee - Sta. 65+57.11 to 82+18.93	4,513.8	
119th St. - Sta. 45+46.06 to 49+14.72	1,474.7	
119th St. - Sta. 50+87.05 to 54+55.22	1,472.7	
Maize - Sta. 45+72.32 to 49+16.07	* 407.0	
Maize - Sta. 51+00.00 to 54+27.97	* 968.8	
Total		44,666.3

* Includes Temporary Widening

Pavement Removal		
Location	Sq. Yds.	
Sta. 5+63.26 to 10+45.00	119th St./Pawnee Intersection	# 6,831.0
Sta. 23+60.83	Millstead	270.0
Sta. 26+56.04	Parkridge	263.3
Sta. 31+85.11	Cardington	253.7
Sta. 34+49.48	Covington	96.0
Sta. 37+13.52	Shefford	74.9
Sta. 42+41.54	Prescott	97.0
Sta. 45+05.55	Fieldcrest	215.3
Sta. 51+13.00 to 82+18.93	Pawnee - Lark to Yellowstone	* 11,229.9
Total		19,331.1

* Includes Maize Int. & Temporary Widening
 # Includes 119th St. West Temporary Widening

Rip Rap (Light Stone)		
Location	Sq. Yds.	
Sta. 83+05 to 83+60	80	
Total		80

Sidewalk Construction (4")(AE)			
Location	Dir.	Sq. Ft.	
119th to Lark	Rt.	24,484.0	
119th to Church	Lt.	2,194.0	
Church to Millstead	Lt.	5,207.5	
Millstead to Parkridge	Lt.	1,427.3	
Parkridge to Cardington	Lt.	2,857.1	
Cardington to Covington	Lt.	1,197.7	
Covington to Shefford	Lt.	1,218.4	
Shefford to Prescott	Lt.	2,821.5	
Prescott to Fieldcrest	Lt.	1,216.2	
Fieldcrest to Lark	Lt.	3,592.0	
Lark to Stoney Pt.	Lt.	1,492.5	
Lark to Maize	Rt.	7,453.5	
Stoney Pt. to Leecrest	Lt.	2,150.3	
Leecrest to Maize	Lt.	3,017.1	
Maize to Drive Entrance	Lt.	1,054.9	
Maize to Pawnee Ct.	Rt.	2,179.4	
Drive Entrance to Drive Entrance	Lt.	999.1	
Drive Entrance to Crestline	Lt.	899.1	
Pawnee Ct. to Drive Entrance	Rt.	2,971.9	
Crestline to Drive Entrance	Lt.	299.4	
Drive Entrance to Drive Entrance	Lt.	112.6	
Drive Entrance to Drive Entrance	Lt.	259.4	
Drive Entrance to Drive Entrance	Lt.	598.6	
Drive Entrance to Drive Entrance	Lt.	115.9	
Drive Entrance to Park Entrance	Lt.	111.0	
Drive Entrance to End	Rt.	3,980.5	
Park Entrance to End	Lt.	1,502.4	
Park, East of Yellowstone	Lt.	14,125.6	
Total			91,540.0

Manhole Adjustment				
Location	Dir.	Each	Ex. El.	New El.
Sta. 54+54	31.1' Lt.	1	141.73	141.23
Sta. 68+23	22.4' Lt.	1	135.67	135.50
Sta. 78+50	15.4' Lt.	1	122.39	122.84
Sta. 82+21	15.2' Lt.	1	122.10	121.70
Total		4		

8" Crushed Stone Subgrade on Geogrid Reinf.		
Location	Sq. Yds.	
Pawnee - Sta. 5+63.26 to 9+43.45	1,610.0	
Pawnee - Sta. 9+43.45 to 10+71.44	1,484.2	
Pawnee - Sta. 10+71.44 to 38+49.12	18,858.7	
Pawnee - Sta. 38+49.12 to 64+20.71	17,610.8	
Pawnee - Sta. 64+20.71 to 65+57.11	1,622.9	
Pawnee - Sta. 65+57.11 to 82+18.93	5,715.7	
119th St. - Sta. 45+46.06 to 49+14.72	1,556.6	
119th St. - Sta. 50+87.05 to 54+55.22	1,554.5	
Maize - Sta. 45+72.32 to 49+16.07	* 700.2	
Maize - Sta. 51+00.00 to 54+27.97	* 705.2	
Total		51,418.8

* Includes Temporary Widening

Concrete Pavement (8") Entrance		
Location	Dir.	Sq. Ft.
Sta. 60+96.69	Rt.	1,646.1
Sta. 67+38.22	Lt.	1,133.1
Sta. 69+29.04	Lt.	499.5
Sta. 71+98.16	Lt.	257.4
Sta. 72+40.71	Lt.	251.1
Sta. 74+67.12	Lt.	755.1
Sta. 74+79.19	Lt.	485.1
Sta. 77+66.99	Lt.	401.4
Sta. 78+12.56	Lt.	236.7
Total		5,665.5

Mailbox Adjustment		
Location	Dir.	Each
Sta. 72+53	14.9' Lt.	1
Sta. 74+64	15.1' Lt.	1
Sta. 77+83	16.9' Lt.	1
Total		3

Water Valve to be Adjusted (Participating)			
Station	Offset	Elevation	WV #
23+84.6	42.9' Lt.	146.36	V38286
34+73.1	38.5' Lt.	144.72	V30366
36+93.2	38.4' Lt.	144.36	V30365
Total			3

Water Valve to be Adjusted (Non-Participating)			
Station	Offset	Elevation	WV #
26+81.6	43.9' Lt.	146.65	V33632
26+83.8	45.9' Lt.	146.71	V33631
34+76.5	42.7' Lt.	145.32	V30360
65+27.0	42.3' Lt.	136.10	V28633
65+30.5	43.2' Lt.	136.00	V28634
36+88.5	41.7' Lt.	144.66	V30359
42+70.9	41.3' Lt.	144.96	V30364
55+02.9	42.7' Lt.	141.18	V33261
58+73.4	42.2' Lt.	138.83	V30833
Total			9

Fire Hydrant Assembly Relocate (Non-Participating)					
Station	Offset	Extension	Removal	Bury Line Elev.	WV #
19+36.4	43.0' Lt.	2.5'		146.40	V38287
51+27.7	46.1' Lt.		4.8'	142.99	V28632
65+30.8	74.0' Lt.		5.0'	137.25	V28658
Total					3

Sand backfill, Jetted & Vibrated		
Location	Lin. Ft.	Remarks
Sta. 60+00.00 to 79+50.00	1,950	8'x6' RCB
Sta. 79+50.00 to 82+10.00	260	2-8'x6' RCB
Total		2,210

Recapitulation of Waterline Quantities (Non-Participating)		
ITEM	QUANTITY	UNIT
Waterline Relocation Sta. 79+00 to Sta. 88+50		
12" Connection Pts.	2	Each
* CICL MJ 90" Bend 12"	1	Each
* CICL MJ 45" Bend 12"	3	Each
Anchor Valve Assembly 06"	1	Each
Valve Assembly 12"	2	Each
* MJ Cap 12"	2	Each
* MJ Tee 12"	3	Each
DICL SJ Pipe 12"	1,026	Lin. Ft.
* CICL MJ Tee 12"x8"	1	Each
* PEXPE Reducer 12"x6"	1	Each
8" Connection Pts.	1	Each
* CICL MJ 45" Bend 8"	5	Each
Valve Assembly 08"	1	Each
WL Pipe 08"	74	Lin. Ft.
WL Pipe 06"	4	Lin. Ft.
Fire Hydrant Assembly	1	Each
* Plastic Service Connection 01"	1	Each
Air Release Valve 01"	1	Each
Mobilization Water	1	Lump Sum
5" Hot-Mix AC (for Patching)	16	Sq. Yds.
Waterline Relocation Sta. 19+50		
Cut In	2	Each
* CICL 45" Bend 16"	4	Each
WL Pipe 16"	24	Lin. Ft.
Waterline Relocation Sta. 60+70		
Cut In	2	Each
* CICL 45" Bend 16"	4	Each
WL Pipe 16"	29	Lin. Ft.
Fire Hydrant Assembly Relocate	3	Each

* Subsidiary to other Water Items

** Adjacent Water Meter Not intended to be moved.

≠ for Sta. 79+10.00 Patching

Recapitulation of Road Quantities		
ITEM	QUANTITY	UNIT
Sidewalk Construction (4")(AE)	91,540	Sq. Ft.
Concrete Pavement (8") Entrance	5,666	Sq. Ft.
Reinforced Concrete Valley Gutter Pavement (8")	2,614	Sq. Yds.
Pavement Removal	19,331	Sq. Yds.