

JOHNSON COUNTY PUBLIC WORKS

OPERATION AND MISSION

This multi- faceted department operates a number of divisions, which are vital to keeping important systems functional in Johnson County. They are:

- Public Works Administration
- Stormwater Management
- Bridge Design and Construction
- Fleet Maintenance
- Road and Bridge Maintenance
- Noxious Weed Division

The mission of these collective groups is the maintenance, development, and improvement of Johnson County infrastructure components.

Johnson County Public Works maintains the roads in the unincorporated (rural) area of Johnson County. City streets are the responsibility of the various cities. In addition to maintaining the roads Public Works also provides services for Mapping, GPS, Weed Control, Survey Control Points, Traffic Counts, and Permits.

INTERACTION AND ADJACENCIES

- Environmental Department
- County Manager
- Board of County Commissioners
- Facilities Management
- Wastewater
- Parks and Rec
- AIMS
- Planning
- Transit

FACTORS INFLUENCING CHANGE

- General growth and development in the County will tend to drive the expansion of services from this department.
- Federal clean water legislation may necessitate additional staff

SPECIAL NEEDS

- Area for public contact
- Vehicle service and storage facilities
- Fueling station
- Storage for weed spray and other chemicals



- Covered storage for road maintenance equipment
- Salt storage domes

CURRENT CONDITIONS

The configuration of the Public Works facility inhibits proper circulation (inadequate separation of office areas from maintenance functions), and available space for growth is non-existent.



JOHNSON COUNTY STRATEGIC FACILITIES MASTER PLAN

SPACE NEEDS ASSESSMENT: Public Works & Infrastruct

Current Space: Sq. Ft.

Spaces	Applied Design Standard		Net Unit Sq.Ft.	Gross Factor	2008 Needs			2013 Needs			2018 Needs			2023 Needs		
	Room Std.	Description			No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.
Public Works Admin Bldg																
SPT SPACE																
Bookcases	ST-BKCS	Storage - Bookcase Unit	9	1.35	20	180	243	20	180	243	20	180	243	20	180	243
Bottle Water dispensing, Can Recycling Container	STOR00020	Storage Room 20 SF	20	1.35	5	100	135	5	100	135	5	100	135	5	100	135
Closets - Large	STOR00050	Storage Room 50 SF	50	1.35	1	50	68	1	50	68	1	50	68	1	50	68
Computer Room	ELEQ00750	Tech Equip Room 750 SF	750	1.35	1	750	1,013	1	750	1,013	1	750	1,013	1	750	1,013
Conference Room - Large	CNF-012	12 Pers Conf Room 300 SF	300	1.35	1	300	405	1	300	405	1	300	405	1	300	405
Conference Room - Small	CNF-006	6 Pers Conf Room 150 SF	150	1.35	1	150	203	1	150	203	1	150	203	1	150	203
Copy & Mail Room	WKCP00120	Work/Copy/Eq Area 120 SF	120	1.35	1	120	162	1	120	162	1	120	162	1	120	162
File - Lateral	FILLAT-001	Lateral File Unit (ea)	16	1.35	20	320	432	20	320	432	20	320	432	20	320	432
File - Vertical	FILVRT-001	Vertical File Unit w/circ	12	1.35	20	240	324	20	240	324	20	240	324	20	240	324
Storage - Class Room	STOR00200	Storage Room 200 SF	200	1.35	1	200	270	1	200	270	1	200	270	1	200	270
Storage - Commodities and Bottle Water	STOR00100	Storage Room 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Storage - Computer Room	STOR00200	Storage Room 200 SF	200	1.35	1	200	270	1	200	270	1	200	270	1	200	270
Storage - Executive	STOR00100	Storage Room 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Storage - Finance and Administration	STOR00100	Storage Room 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Storage - Ground Maintenance	STOR00100	Storage Room 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Storage - Instructional equipment	STOR00100	Storage Room 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Storage - Multi-Purpose room	STOR00200	Storage Room 200 SF	200	1.35	1	200	270	1	200	270	1	200	270	1	200	270
Storage - Office Supplies	STOR00100	Storage Room 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Storage - Stormwater	STOR00200	Storage Room 200 SF	200	1.35	1	200	270	1	200	270	1	200	270	1	200	270
Vault	ST-VLT0100	Storage - Vault Small	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Womens Locker Rooms & Showers - Shared Cou	LCKR00240	Locker Room 240 SF	240	1.35	1	240	324	1	240	324	1	240	324	1	240	324
First Aid Station	BRK-003	Break Area - 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Vending Area	BRK-001	Break -Coffee Bar 48 SF	48	1.35	1	48	65	1	48	65	1	48	65	1	48	65
Kitchen	KITCHN0500	Kitchen 500 SF	500	1.35	1	500	675	1	500	675	1	500	675	1	500	675
Laundry	LNDRY00200	Laundry Area 200 SF	200	1.35	1	200	270	1	200	270	1	200	270	1	200	270
Library	LIBRY00100	10 Unit Library 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Mail Room	WKPOST0500	Bldg Postal Area 500 SF	500	1.35	1	500	675	1	500	675	1	500	675	1	500	675
Mapping Room	WKCP00500	Work/Copy/Eq Area 500 SF	500	1.35	1	500	675	1	500	675	1	500	675	1	500	675
Mens Locker Rooms & Showers - Shared County	LCKR00600	Locker Room 600 SF	600	1.35	1	600	810	1	600	810	1	600	810	1	600	810
Multipurpose Room	CLSRM-IT	IT Training WS 10 SF	10	1.35	1	10	14	1	10	14	1	10	14	1	10	14
Mud Room	REC-0002	Reception Area 60 SF	60	1.35	1	60	81	1	60	81	1	60	81	1	60	81
Plotter/Copier/Scanner Room	WKCP00300	Work/Copy/Eq Area300 SF	300	1.35	1	300	405	1	300	405	1	300	405	1	300	405
Paper Recycling Area	STOR00100	Storage Room 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135
Reception Area	REC-0004	Reception Area 120 SF	120	1.35	1	120	162	1	120	162	1	120	162	1	120	162
Audio Visual Equip	STOR00100	Storage Room 100 SF	100	1.35	1	100	135	1	100	135	1	100	135	1	100	135

JOHNSON COUNTY STRATEGIC FACILITIES MASTER PLAN

SPACE NEEDS ASSESSMENT: Public Works & Infrastruct

Current Space: Sq. Ft.

Spaces	Applied Design Standard		Net Unit Sq.Ft.	Gross Factor	2008 Needs			2013 Needs			2018 Needs			2023 Needs		
	Room Std.	Description			No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.
		<i>TOTAL:</i>			96	7,188	9,704	96	7,188	9,704	96	7,188	9,704	96	7,188	9,704
STAFF - Administration																
1051.Director of Public Work. Grade 22	POFC0120	Private Office 120 SF	120	1.35	1	120	162	1	120	162	1	120	162	1	120	162
1052.Director Infrastra/Dep Co En. Grade 23	POFC0180	Private Office 180 SF	180	1.35	1	180	243	1	180	243	1	180	243	1	180	243
2107.Director of Finance and Administration. Grade 22	POFC0120	Private Office 120 SF	120	1.35	1	120	162	1	120	162	1	120	162	1	120	162
6230.Administrative Assistant. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
		<i>TOTAL:</i>			4	510	693	4	510	693	4	510	693	4	510	693
STAFF - BRIDGE DESIGN & CONSTRUCT																
2126.Civil Engineer. Grade 18	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
2127.Construction Engineer. Grade 19	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
3130.Engineering Technician. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
3200.Construction Inspector. Grade 14	WS02	WS Typ. 02 64 SF	64	1.40	2	128	179	2	128	179	2	128	179	2	128	179
5350.Engineering Intern. Grade 95	WS01	WS Typ. 01 53 SF	53	1.40	7	368	515	7	368	515	7	368	515	7	368	515
7051.Senior Equipment Operator. Grade 14	PEOPLEVIRT	Virtual People	0	1.00	1	0	0	1	0	0	1	0	0	1	0	0
7101.Maintenance Specialist. Grade 14	PEOPLEVIRT	Virtual People	0	1.00	3	0	0	3	0	0	3	0	0	3	0	0
7102.Land Surveyor. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	2	180	252	2	180	252	2	180	252	2	180	252
7102.Right Of Way Coordinator. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	2	180	252	2	180	252	2	180	252	2	180	252
7104.Chief Surveyor. Grade 16	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
8121.Truck Driver. Grade 13	PEOPLEVIRT	Virtual People	0	1.00	1	0	0	1	0	0	1	0	0	1	0	0
8302.Construction Foreman. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
8305.Construction Project Manager. Grade 16	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
		<i>TOTAL:</i>			24	1,395	1,953	24	1,395	1,953	24	1,395	1,953	24	1,395	1,953
STAFF - Financial Management																
2106.Financial Manager. Grade 18	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
6020.Accounting Assistant. Grade 13	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
6351.Secretary. Grade 13	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
6351.Senior Secretary. Grade 13	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
2140.Applications Development Analyst. Grade 17	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
3231.Network and Systems Analyst	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
3320.Technical Service Manager	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
Custodian	PEOPLEVIRT	Virtual People	0	1.00	2	0	0	2	0	0	2	0	0	2	0	0
5480.Grants Management Assistant. Grade 15	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
IT Intern. Grade 95	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
Office Manager	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
Reporting	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
		<i>TOTAL:</i>			13	806	1,129	13	806	1,129	13	806	1,129	13	806	1,129
STAFF - Fleet Maintenance																
2106.Maintenance Director. Grade 18 (Variance)	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126

JOHNSON COUNTY STRATEGIC FACILITIES MASTER PLAN

SPACE NEEDS ASSESSMENT: Public Works & Infrastruct

Current Space: Sq. Ft.

Spaces	Applied Design Standard		Net Unit Sq.Ft.	Gross Factor	2008 Needs			2013 Needs			2018 Needs			2023 Needs		
	Room Std.	Description			No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.
Assistant Fleet Maintenance Director Grade 17	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
7100.Maintenance Mechanic. Grade 13	PEOPLEVIRT	Virtual People	0	1.00	1	0	0	1	0	0	1	0	0	1	0	0
7101.Mechanic. Grade 14	PEOPLEVIRT	Virtual People	0	1.00	5	0	0	5	0	0	5	0	0	5	0	0
7102.Senior Mechanic. Grade 15	PEOPLEVIRT	Virtual People	0	1.00	2	0	0	2	0	0	2	0	0	2	0	0
Parts Person	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
Parts Clerk	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
Shop Clerk (Grade 13)	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
		TOTAL:			13	398	557	13	398	557	13	398	557	13	398	557
STAFF - Noxious Weed																
8304.Noxious Weeds Director. Grade 16	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
8201.Highway Laborer. Grade 12	PEOPLEVIRT	Virtual People	0	1.00	2	0	0	2	0	0	2	0	0	2	0	0
8201.Senior Laborer. Grade 12	PEOPLEVIRT	Virtual People	0	1.00	1	0	0	1	0	0	1	0	0	1	0	0
		TOTAL:			4	90	126	4	90	126	4	90	126	4	90	126
STAFF - ROAD & BRIDGE MAINT																
Director Of Operations	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
2086.Safety and Training Officer. Grade 16	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
2106.Superintendent Road & Building. Grade 18	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
2350.Assistant Superintendent - Planning. Grade 1	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
2350.Assistant Supervisor of Road & Bridge Maint	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
5550.Public Works Services Coordinator. Grade 14	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
6351.Secretary. Grade 13	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
7050.Equipment Operator. Grade 13	PEOPLEVIRT	Virtual People	0	1.00	7	0	0	7	0	0	7	0	0	7	0	0
7051.Senior Equipment Operator. Grade 14	WS02	WS Typ. 02 64 SF	64	1.40	8	510	714	8	510	714	8	510	714	8	510	714
8121.Truck Driver. Grade 13	PEOPLEVIRT	Virtual People	0	1.00	21	0	0	21	0	0	21	0	0	21	0	0
8200.Summer Laborer. Grade 11	PEOPLEVIRT	Virtual People	0	1.00	2	0	0	2	0	0	2	0	0	2	0	0
8201.Highway Laborer. Grade 12	PEOPLEVIRT	Virtual People	0	1.00	5	0	0	5	0	0	5	0	0	5	0	0
8202.Senior Highway Laborer. Grade 13	PEOPLEVIRT	Virtual People	0	1.00	1	0	0	1	0	0	1	0	0	1	0	0
8301.Working Foreman Rd & Br. Grade 14	WS02	WS Typ. 02 64 SF	64	1.40	2	128	179	2	128	179	2	128	179	2	128	179
8302.Drainage Crew Foreman. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
8302.Foreman. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	2	180	252	2	180	252	2	180	252	2	180	252
8302.Sr Foreman Road & Bridge. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	2	180	252	2	180	252	2	180	252	2	180	252
		TOTAL:			58	1,665	2,331	58	1,665	2,331	58	1,665	2,331	58	1,665	2,331
STAFF - Stormwater Management																
2126.Stormwater Engineer. Grade 18	WS03	WS Typ. 03 90 SF	90	1.40	2	180	252	2	180	252	2	180	252	2	180	252
2127.Manager, Stormwater Management Program.	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
Project Manager.Grade 14	WS03	WS Typ. 03 90 SF	90	1.40	2	180	252	2	180	252	2	180	252	2	180	252
Interns	WS02	WS Typ. 02 64 SF	64	1.40	2	128	179	2	128	179	2	128	179	2	128	179
		TOTAL:			7	578	809	7	578	809	7	578	809	7	578	809

SPACE NEEDS ASSESSMENT: **Public Works & Infrastruct**

Current Space: Sq. Ft.

Spaces	Applied Design Standard		Net Unit Sq.Ft.	Gross Factor	2008 Needs			2013 Needs			2018 Needs			2023 Needs		
	Room Std.	Description			No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.
STAFF - Transprt'n Plan & Design																
2088.Transportation Planner. Grade 18	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
2127.Design Engineer. Grade 19	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
3130.Engineering Technician. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
6351.Senior Secretary. Grade 13	WS02	WS Typ. 02 64 SF	64	1.40	1	64	89	1	64	89	1	64	89	1	64	89
7102.Chief Cartographer. Grade 15	WS03	WS Typ. 03 90 SF	90	1.40	1	90	126	1	90	126	1	90	126	1	90	126
		<i>TOTAL:</i>			5	424	593	5	424	593	5	424	593	5	424	593
		<i>BUILDING TOTALS:</i>				13,053	17,894		13,053	17,894		13,053	17,894		13,053	17,894

SPACE NEEDS ASSESSMENT: **Public Works & Infrastruct**

Current Space: Sq. Ft.

Spaces	Applied Design Standard		Net Unit Sq.Ft.	Gross Factor	2008 Needs			2013 Needs			2018 Needs			2023 Needs		
	Room Std.	Description			No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.
Public Works Bridge Bldg																
SPT SPACE																
Maintenance Area	SQFT	Square Feet	1	1.35	4,000	4,000	5,400	4,000	4,000	5,400	4,000	4,000	5,400	4,000	4,000	5,400
Storage - Survey Equipment	SQFT	Square Feet	1	1.35	200	200	270	200	200	270	200	200	270	200	200	270
Plan Review Area	STOR00200	Storage Room 200 SF	200	1.35	1	200	270	1	200	270	1	200	270	1	200	270
Storage - Survey Tools	SQFT	Square Feet	1	1.35	450	450	608	450	450	608	450	450	608	450	450	608
Storage - Shed	SQFT	Square Feet	1	1.35	500	500	675	500	500	675	500	500	675	500	500	675
Public Counter	SQFT	Square Feet	1	1.35	36	36	49	36	36	49	36	36	49	36	36	49
Plan Review Area	SQFT	Square Feet	1	1.35	150	150	203	150	150	203	150	150	203	150	150	203
Dispatch Area Enclosed Area	SQFT	Square Feet	1	1.35	200	200	270	200	200	270	200	200	270	200	200	270
Foreman Work Area	WS01	WS Typ. 01 53 SF	53	1.40	1	53	74	1	53	74	1	53	74	1	53	74
Signage Shop	SQFT	Square Feet	1	1.35	600	600	810	600	600	810	600	600	810	600	600	810
Work/Copy Area	SQFT	Square Feet	1	1.35	120	120	162	120	120	162	120	120	162	120	120	162
Storage cabinet	SQFT	Square Feet	1	1.35	40	40	54	40	40	54	40	40	54	40	40	54
Vehicle Signout	SQFT	Square Feet	1	1.35	100	100	135	100	100	135	100	100	135	100	100	135
Shed - Lawn Equipment	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Trucks, one ton	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Air Compressor	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Trucks, Single Axle	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Trucks, Tandem	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Graders Patrols	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Crack Filler	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Loaders	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Trucks, Heavy	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Sign Storage	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Truck Parking	VIRTSPACE	No Square Foot Value	0	1.00	40,500	0	0	40,500	0	0	40,500	0	0	40,500	0	0
Misc Equipment Parking	VIRTSPACE	No Square Foot Value	0	1.00	39,600	0	0	39,600	0	0	39,600	0	0	39,600	0	0
Grader Shed	VIRTSPACE	No Square Foot Value	0	1.00	18,000	0	0	18,000	0	0	18,000	0	0	18,000	0	0
Bridge Building Sotrage	VIRTSPACE	No Square Foot Value	0	1.00	16,200	0	0	16,200	0	0	16,200	0	0	16,200	0	0
Sanders	VIRTSPACE	No Square Foot Value	0	1.00	18,000	0	0	18,000	0	0	18,000	0	0	18,000	0	0
Culverts & Street	VIRTSPACE	No Square Foot Value	0	1.00	72,450	0	0	72,450	0	0	72,450	0	0	72,450	0	0
Long term Storage	VIRTSPACE	No Square Foot Value	0	1.00	8,640	0	0	8,640	0	0	8,640	0	0	8,640	0	0
Sand	VIRTSPACE	No Square Foot Value	0	1.00	48,780	0	0	48,780	0	0	48,780	0	0	48,780	0	0
Rock	VIRTSPACE	No Square Foot Value	0	1.00	31,590	0	0	31,590	0	0	31,590	0	0	31,590	0	0
Salt	VIRTSPACE	No Square Foot Value	0	1.00	41,040	0	0	41,040	0	0	41,040	0	0	41,040	0	0
Plows	VIRTSPACE	No Square Foot Value	0	1.00	11,880	0	0	11,880	0	0	11,880	0	0	11,880	0	0

SPACE NEEDS ASSESSMENT: **Public Works & Infrastruct**

Current Space: Sq. Ft.

Spaces	Applied Design Standard		Net Unit Sq.Ft.	Gross Factor	2008 Needs			2013 Needs			2018 Needs			2023 Needs		
	Room Std.	Description			No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.
Scrap	VIRTSPACE	No Square Foot Value	0	1.00	30,240	0	0	30,240	0	0	30,240	0	0	30,240	0	0
Misc Storage	VIRTSPACE	No Square Foot Value	0	1.00	16,830	0	0	16,830	0	0	16,830	0	0	16,830	0	0
Dirt	VIRTSPACE	No Square Foot Value	0	1.00	17,100	0	0	17,100	0	0	17,100	0	0	17,100	0	0
Bridge & Sign Materials	VIRTSPACE	No Square Foot Value	0	1.00	74,880	0	0	74,880	0	0	74,880	0	0	74,880	0	0
Wood	VIRTSPACE	No Square Foot Value	0	1.00	16,200	0	0	16,200	0	0	16,200	0	0	16,200	0	0
Millings	VIRTSPACE	No Square Foot Value	0	1.00	15,840	0	0	15,840	0	0	15,840	0	0	15,840	0	0
		TOTAL:			524,168	6,649	8,978	524,168	6,649	8,978	524,168	6,649	8,978	524,168	6,649	8,978
Public Works Equip Shed		BUILDING TOTALS:				6,649	8,978		6,649	8,978		6,649	8,978		6,649	8,978
SPT SPACE																
Service Area - Signs	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Equipment	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage - Road and Bridge Maintenance Division	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Trucks, one ton	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - skid steer	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - crack filler	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Loaders	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Trucks, heavy	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Air compressor	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Trucks, single axle	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Mowers	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - trucks, tandem	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Patrols	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Shed - Pickups	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL:			0	0	0	0	0	0	0	0	0	0	0	0
		BUILDING TOTALS:				0	0		0	0		0	0		0	0

JOHNSON COUNTY STRATEGIC FACILITIES MASTER PLAN

SPACE NEEDS ASSESSMENT: Public Works & Infrastruct

Current Space: Sq. Ft.

Current Space:		Sq. Ft.		2008 Needs			2013 Needs			2018 Needs			2023 Needs			
Spaces	Applied Design Standard		Net Unit Sq.Ft.	Gross Factor	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.
	Room Std.	Description														
Public Works Fleet Maint																
SPT SPACE																
Reference Library/Work area	WKCP00400	Work/Copy/Eq Area 400 SF	400	1.35	1	400	540	1	400	540	1	400	540	1	400	540
Service Area - Bay	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Service Area - Equipment	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Service Area - Fueling	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Service Area - Heavy Equipment	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Service Area - Reference Area	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Service Area - Tire Bay	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Service Area - Trucks	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Service Area - Wash Bay	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Service Area - Welding Bay	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage - Acid Battery	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage - Big Tools	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage - Daily Tires	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage - General Equipment	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage - Oil	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage - Parts	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage - Seasonal items	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Storage - Tools	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle staging area, paved area	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Copy work area	WKCP00120	Work/Copy/Eq Area 120 SF	120	1.35	1	120	162	1	120	162	1	120	162	1	120	162
Equipment Area	VIRTSPACE	No Square Foot Value	0	1.00	500	0	0	500	0	0	500	0	0	500	0	0
TOTAL:					502	520	702	502	520	702	502	520	702	502	520	702
		BUILDING TOTALS:				520	702		520	702		520	702		520	702
Public Works Maint Area																
FLEET MAINTENANCE SPT SPACE																
Shop and Service Areas	SQFT	Square Feet	1	1.35	13,700	13,700	18,495	13,700	13,700	18,495	13,700	13,700	18,495	13,700	13,700	18,495
TOTAL:					13,700	13,700	18,495	13,700	13,700	18,495	13,700	13,700	18,495	13,700	13,700	18,495
SPT SPACE																
Maintenance Area	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL:					0	0	0	0	0	0	0	0	0	0	0	0
		BUILDING TOTALS:				13,700	18,495		13,700	18,495		13,700	18,495		13,700	18,495
Public Works Salt Dome																
SPT SPACE																
Salt Storage Dome.	VIRTSPACE	No Square Foot Value	0	1.00	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL:					0	0	0	0	0	0	0	0	0	0	0	0
		BUILDING TOTALS:				0	0		0	0		0	0		0	0

SPACE NEEDS ASSESSMENT: **Public Works & Infrastruct**

Current Space: Sq. Ft.

Spaces	Applied Design Standard		Net Unit Sq.Ft.	Gross Factor	2008 Needs			2013 Needs			2018 Needs			2023 Needs		
	Room Std.	Description			No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.	No.	Total Net Sq.Ft.	Total Dept. Gross Sq.Ft.
PW Noxious Weed proposed																
SPT SPACE																
Waiting Area	SQFT	Square Feet	1	1.35	100	100	135	100	100	135	100	100	135	100	100	135
Counter Area	SQFT	Square Feet	1	1.35	64	64	86	64	64	86	64	64	86	64	64	86
Copy/Work	WKCP00040	Work/Copy/Eq Area 40 SF	40	1.35	1	40	54	1	40	54	1	40	54	1	40	54
Maintenance Area - Noxious Weed	SQFT	Square Feet	1	1.35	1,040	1,040	1,404	1,040	1,040	1,404	1,040	1,040	1,404	1,040	1,040	1,404
Storage - Noxious Weed Chemicals	SQFT	Square Feet	1	1.35	400	400	540	400	400	540	400	400	540	400	400	540
Shop Area	SQFT	Square Feet	1	1.35	200	200	270	200	200	270	200	200	270	200	200	270
		TOTAL:			1,805	1,844	2,489	1,805	1,844	2,489	1,805	1,844	2,489	1,805	1,844	2,489
		BUILDING TOTALS:				1,844	2,489		1,844	2,489		1,844	2,489		1,844	2,489
Contingency Space Allowance (1% per year)										2,428			4,856			7,284
TOTAL REQUIRED						35,766	48,558		35,766	50,986		35,766	53,414		35,766	55,842