

Essential Function – Physical Demand Assessment

Position: District Engineer, Associate Engineer, Superintendent

<p>The activities are considered basic job duties that an employee must be able to perform, with or without reasonable accommodation.</p>					
	Weight	Start Lift	End Lift	Action	Essential
<b>Walk on uneven ground, slopes and easements</b>	–	–	–	walk	x
<b>Computer work ≤ 8hours/day</b>	–	–	–	manual	x
<b>Driving vehicle ≤ 30 minutes</b>	–	–	–	manual	x
<b>Plans and Specifications</b>	20 lbs.	0	42”	Lift/Carry	x
<b>Banker Box</b>	27 lbs.	12”	48”	Lift/Carry	x
<b>Carry a case of paper 8x12”</b>	50 lbs.	0	36”	Lift/Carry	x
<b>12’ extension ladder</b>	50 lbs.	12”	60”	Lift/Carry	
<b>Manhole cover remove in-service 24” diameter</b>	56 lbs.	Waist	Waist + 6”	Lift	
<b>Bollards remove and replace</b>	72 lbs.	24”	52”	Lift	
<b>Manhole cover remove in-service 24” diameter</b>	74 lbs.	Waist	Waist	Pull	



**PD-101**

Action	Force	Start	End	Frequency
Lift	50 lbs.	0	60"	2
Lift	27 lbs.	12"	48"	2
Lift	20 lbs.	0	12"	2