

Author	Christian Carreras
Course	CSC 554 Project Management
Semester	Spring 2018
Professor	Dr. Hussain
Due Date	05.05.18
Sub Date	05.04.18

Risk ID	Risks	Probability	Impact	Risk Level (Exposure)
1	Machinery Breakdown	0.4	\$ 8,000	\$ 3,200
2	Loss of Equipment	0.4	\$ 3,500	\$ 1,400
3	Employee Injury	0.3	\$ 3,000	\$ 900
4	Employee Incapcitation	0.1	\$ 35,000	\$ 3,500
5	Delays In Approval by PennDOT	0.2	\$ 1,000	\$ 200
6	Delays In Gathering Materials	0.3	\$ 10,000	\$ 3,000
7	Delays In Gathering Equipment	0.4	\$ 6,000	\$ 2,400
8	Delays Due To Roadside Accident	0.1	\$ 2,500	\$ 250
9	Delays Due To Extreme Weather	0.2	\$ 5,000	\$ 1,000
10	Legal Action Required	0.1	\$ 7,500	\$ 750
11	Area Not Completed By Deadline	0.5	\$ 6,000	\$ 3,000
12	Delays In Obtaining Power/Fuel	0.1	\$ 4,000	\$ 400
13	Complications With Traffic Accessories	0.5	\$ 2,000	\$ 1,000
			Total	\$ 21,000

## Pareto's Principle

## 80-20 Rule

\$ 4,200

Cumulative Exposure	
\$	3,200
\$	4,600
\$	5,500
\$	9,000
\$	9,200
\$	12,200
\$	14,600
\$	14,850
\$	15,850
\$	16,600
\$	19,600
\$	20,000
\$	21,000

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## Pareto's Principle

## 80-20 Rule

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Cumulative Exposure	
\$	3,500
\$	6,700
\$	9,700
\$	12,700
\$	15,100
\$	16,500
\$	17,500
\$	18,500
\$	19,400
\$	20,150
\$	20,550
\$	20,800
\$	21,000