**Dijkstra Algorithm**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **AI**  **(Arkham Island)** | **CHD**  **(City Hall District)** | **CA**  **(Crime Alley)** | **FD**  **(Financial District)** | **EE**  **(East End)** | **DD**  **(Diamond District)** |
| **AI\*** | **0AI** | **68AI** | **57AI** | **65AI** | **78AI** | **95AI** |
| **CA** |  | **68AI** | **57AI** | **65AI** | **78AI** | **83CA** |
| **FD** |  | **68AI** |  | **65AI** | **78AI** | **82FD** |
| **CHD** |  | **68AI** |  |  | **78AI** | **82FD** |
| **EE** |  |  |  |  | **78AI** | **82FD** |
| **DD** |  |  |  |  |  | **82FD** |

Shortest paths: (Arkham Island as the source)

AI 🡪 FD 🡪 DD (82)

AI 🡪 EE (78)

AI 🡪 CHD (68)

AI 🡪 FD (65)

AI 🡪 CA (57)