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Unit Cost Element - Environmental Sensing Station (Weather Station)

Unit Cost Component - Environmental Sensing Station

Anchorage, Alaska, USA

Description

Remote weather station components included, but were not limited to: Millerbernd 30 ft pole with lowering system at 10 ft, SSI Inc. FP 2000 Pavement Sensor with sub-surface probe, RM Young Precipitation Yes/No, SSI Inc. Optical Weather Identifier by Belfort Instruments, Cohu PTZ and standard fixed zoom camera, ESS RPU-NEMA 4 enclosure, software to access data-ScanWeb, Temperature Data Probes by YSI Precision Thermisters.

Cost Type

Actual

Data Date

2003

Reported Units

Units

Each (EA)

Year (Dollars)

2003

Capital Cost per Unit (\$)

\$112,000.00

O & M Cost per Unit (\$)

Lifetime

5 years

Notes

Reported range \$65K to \$180k.

Source

ITS Integration Program Unit Cost Data Collection Sheet: Anchorage, AK - Road Weather Information System Phase 1 (FY99 Yr1)

Author: Jill Sullivan

Unit Cost Details

Capital Cost per Unit: \$112,000.00

O&M Cost per Unit:

Year (Dollars): 2003

Lifetime: 5 years

Application Areas

Intelligent Transportation Systems > Road Weather Management > Surveillance, Monitoring, & Prediction > Atmospheric Conditions

Intelligent Transportation Systems > Road Weather Management > Surveillance, Monitoring, & Prediction > Pavement Conditions

Related Unit Cost Subsystems

Roadside Detection (RS-D)

Keywords

RWIS, ESS, Environmental Sensor Station, RWIS Station, road monitoring, weather station, environmental sensing station

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