

Public Works Winter Storm Operation

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WINTER MISSION FOR PUBLIC WORKS

- ▶ Monitor winter conditions on 625 miles (2,000 lane miles) of roadway.
- ▶ Evaluate and initiate necessary treatment of roadway to effectively and efficiently improve conditions.
- ▶ Oversee, adjust, and manage completion of operations to address conditions.

TYPES OF STREETS

- ▶ Mains - (167 miles)
- ▶ Trouble Spots - (27 miles)
- ▶ Secondary Subdivision Mains - (62 miles)
- ▶ Subdivision/Side - (369 miles)

RESOURCES

- ▶ 110 employees participate in operations
- ▶ 47 pieces of equipment (snow plows, heavy equipment, and light trucks)
- ▶ Utilize up to 4 contractors for full snow removal operation
- ▶ Lake Services and CWLP Water
- ▶ Up to 9,000 tons of salt
 - Two salt locations (East & West)
- ▶ \$1 million average expenditure during snow season

OPERATIONAL APPROACH

- ▶ Early Monitoring
- ▶ Determine Appropriate Operational Approach
- ▶ Operational Management
- ▶ Post Event Evaluation

CHALLENGES

- ▶ Type of Event
- ▶ Timing
- ▶ Temperatures
- ▶ Equipment & Personnel

CONCLUSION

- ▶ **Effective Responses Vary Based on Event**
- ▶ **Conditions Limit Effective Responses**
- ▶ **Professional Management is Best Practice**