2016 Year in Review
Highway Division
Freight Advisory Council Meeting
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M.J. “Charlie” Purcell, P.E.
Project Delivery Bureau Director
Iowa Department of Transportation
515-239-1128 charlie.purcell@dot.iowa.gov
Presentation Overview

- Iowa DOT Budget and Staffing
- Highway Construction
- Winter Maintenance Activities
Iowa DOT Budget and Staffing
DOT Construction vs Operations Funding

Road Use Tax Fund

Primary Road Fund

Commission Decision

Highway Improvement Program (Construction) $796 million

DOT Operations Budget $345 million

Legislative Decision
2016 Legislative Session

• Requested operating budget = 350 million
• Granted operating budget = 345 million
• Results:
  – 7 maintenance garages closed
  – 2 driver’s license stations closed
  – 67 vacant positions eliminated
  – Increased use of outside services
Garage & Drivers License Station Closures

- Rock Valley
- Akron
- Soldier
- Corning
- Gowrie
- Spenser
- Sabula
- Centerville

DL station closure
Garage closure
Staffing and Program Dynamics

- 3,100 FTEs in 2011
- 2,632 FTEs in 2016
- $2.7B in 2011
- $3.5B in 2016

45% Difference

Program +30%

Positions -15%
Outside Services Programmed Amount

Dollars (millions)


25 25 32.5 32.5 32.5 32.5 50 57.5 57.5 57.5 80
Highway Construction
Winter Maintenance Activities
Winter Maintenance by the Numbers

- Annual Winter Operations Budget = ~ $60 million
- 102 garages
  - ~900 snow plows
  - 1,000 Fulltime winter staff
  - ~450 Seasonal staff
- 9,480 centerline miles
- 24,200 lane miles
- Materials Used (2015-2016 Winter Season)
  - 227,000 tons salt storage capacity
  - 147,981 tons of salt
  - 20,189,526 gallons of brine
  - 17,670 tons sand
- 68 roadside weather stations
Weather Information

- Forecasts
- Cameras
- Road Weather Information System (RWIS)
  - Wind Speed and Direction
  - Camera images
  - Traffic speed and classification
  - Precipitation Sensor
  - Air Temperature and Relative Humidity
  - Pavement Temperature
  - Pavement Condition (wet/dry)
  - Subsurface Temperature

This is what separates an RWIS from most other weather stations.
RWIS Locations

http://weatherview.iowadot.gov/
Track a Plow

See where plows are – and what we see from the windshield

Color-coded road condition reports

Radar overlay

http://trackaplow.iowadot.gov/
Road Conditions

http://hb.511ia.org/
Questions

M.J. “Charlie” Purcell
Project Delivery Bureau Director
charlie.purcell@dot.iowa.gov
515-239-1528