2018
“You Show Us” Contest
Noël Clocksin
SDDOT / Local Gov’t Assistance

33rd Annual North Central Local Roads Conference
Rapid City, SD - October 17-18, 2018
“You Show Us” Contest

- Problem Statement
- Discussion of Solution
- Labor, Equipment, and Materials Used
- Total Cost
- Savings & Benefits to Agency
- PHOTOS!!

2018 North Central Local Roads Conference
- One man’s loss is another man’s gain -
Judges

- Gary Brennan  PE / Brosz Engineering Office Manager - Bowman, ND
- Marc Hoelscher  FHWA SD Division Bridge Engineer
- Jim Hyde  SDDOT Pierre Region Operations Engineer
- Ron Bren  SDDOT Pierre Region Bridge Engineer
- Raymond Roggow  Retired SD Highway Superintendent
Judges’ Ranking Sheet

The following is provided only as a tool. You can use the following simple score sheet to rank nominees from highest/best (5) to lowest (1).

<table>
<thead>
<tr>
<th>PROJECT NAME:</th>
<th>Portable Bridge Safety-Work Platform</th>
<th>Trailer Airbrake Assistant</th>
<th>Crack Leveling Material Spreader</th>
<th>Skid Steer Snowplow</th>
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<td>Safety Improvement</td>
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<td>Operational Efficiency</td>
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<td>Innovation</td>
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<td>Cost Savings</td>
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<td>Ease of Implementation by Others</td>
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<td>TOTAL:</td>
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Please provide a comment or two as to why you selected your first choice:
COLORADO - Portable Bridge Safety-Work Platform

Zach Knight, Tim Stickel, Jim Reid - El Paso Co.
COLORADO - Portable Bridge Safety-Work Platform

Problem
COLORADO - Portable Bridge Safety-Work Platform

Solution
COLORADO - Portable Bridge Safety-Work Platform

Labor & Materials

110 hours labor - $3,500
DOM tubing, guide wheels, modified clamps, scaffold decking - $5,900

Total = $9,400
COLORADO - Portable Bridge Safety-Work Platform

Savings & Benefits
IOWA - Trailer Airbrake Assistant

Jamie Johll - Webster County
IOWA - Trailer Airbrake Assistant

Problem
IOWA - Trailer Airbrake Assistant

Solution
IOWA - Trailer Airbrake Assistant

**Labor & Materials**

Parts - $400
Sand blasting, powder coating - $235

**Total = $635**
IOWA - Trailer Airbrake Assistant

Savings & Benefits

2018 North Central Local Roads Conference
NORTH DAKOTA - Crack Leveling Material Spreader

Darryl Wehner, Jeff MacLean, Scott Hirning, Ramon Jimenez - City of Dickinson
NORTH DAKOTA - Crack Leveling Material Spreader

Problem
NORTH DAKOTA - Crack Leveling Material Spreader

Solution
NORTH DAKOTA - Crack Leveling Material Spreader

Labor & Materials

- Steel - $50 (majority was salvage material)
- Drawbar ball mount - $16
- Rope, bolts, nuts - $20
- Labor - 4 employees for a total of 40 hours

Total = $86 plus labor
NORTH DAKOTA - Crack Leveling Material Spreader

Savings & Benefits
SOUTH DAKOTA - Skid Steer Snowplow

Marc Blum - Moody County
SOUTH DAKOTA - Skid Steer Snowplow

Problem
SOUTH DAKOTA - Skid Steer Snowplow

Solution
SOUTH DAKOTA - Skid Steer Snowplow

Labor & Materials

- Labor (65 man hours) - $924.41
- Used snowplow - $0
- Skid steer mounting plate - $159.99
- Hydraulic hoses & fittings - $154.36
- Misc. steel - $30

Total = $1,268.76
SOUTH DAKOTA - Skid Steer Snowplow

Savings & Benefits
2018 North Central Region Winner
COLORADO - Portable Bridge Safety-Work Platform

Zach Knight, Tim Stickel, Jim Reid - El Paso Co.
Be Thinking of Your Entry for the 2019 “You Show Us” Contest

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