HWY 100 Maintenance Operations

A NEW AND INOVATIVE CLOSURE DESIGNED FOR MULTIPLE MAINTENANCE ACTIVITIES
The Minnesota Department of Transportation’s Metro District took an innovative approach to roadway maintenance on Highway 100 between I-394 and Hwy 62 this past August. In two 48-hour weekend closures maintenance crews were able to conduct numerous functions on the roadway. The type and purpose of closure represented an entirely new way to go about maintenance operations.
The idea behind the 48-hour weekend closures (as opposed to multiple lane closures throughout the construction season) derived from plans to close sections of the roadway for the inspection of a pedestrian bridge and a railroad bridge. Instead of completing the inspection over an extended period of time with multiple traffic impacts it was decided that the area would further benefit from two weekend closures, in which additional maintenance activities could take place.
Northbound Hwy 100 was closed to traffic Aug. 18-20, while southbound Hwy 100 was closed the following weekend. These directional weekend closures allowed for a greater number of crews to work in coordination with one another while reducing the number of closures that would have been necessary had the project taken place under traffic throughout the season.
MAINTENANCE ACTIVITIES

Inspection of all overhead bridges
Fracture Critical bridge inspection (by a consultant)
**Bridge** deck repairs on all Hwy 100 bridges spanning local roadways
Crack sealing and joint repairs
Inspection and repair of expansion joints
Milling and patching of roadway segments
Repairing signage
Refreshing pavement markings
Inspecting and repairing electrical systems
Clearing and repairing drainage structures
Guardrail repair
Median barrier repair
Roadway sweeping and debris removal, including foliage and weed growth
Review of Agencies Involved

The Closure
- Traffic Engineering
- Golden Valley Traffic provided detour set-up
- Public Relations provide notice to public
- State Patrol

The Maintenance Activities
- Highway Maintenance (Several groups involved)
- Bridge Maintenance
- Bridge Inspection
- Electrical Services

Non-MnDot Agencies
- Electrical Contractor
- City of Golden Valley (Assisted MnDot public relations)
- City of Edina (Assisted MnDot public relations)
- City St Louis Park (Assisted MnDot public relations)