



## *PCC Rehabilitation US 30 Denison, Iowa*

- Iowa Civil Contracting Inc.
- Contactor's Perspective

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# Full & Partial Depth Patching

- Performed by Ten Point Construction
- Large quantity overruns
- The contractor would have liked to consider more FD as opposed to more PD. This was debated with IDOT.



## Dowel Bar Retrofit

- Some of the DBR were located in a Partial Depth Patch
- Accurate sawing of DBR removals 1. To protect the instances where PD patches are. 2. Help insure the DBR grout is able to be diamond ground uniform.
- Extra Care with removals (all removals done by hand)
- Any damage can be repaired with DBR mix
- Existing pavement was solid. There was little to no deterioration below DBR removals. We have seen this issue on past projects. Never severe.



# Diamond Grinding

- Performed by West Fork Grinding
- Different aggregates separated by bid items at time of bid. (GRAVEL) (LIMESTONE) this is a benefit to contractors at time of bid.
- 4 foot head diamond grinding machines can only grind within 18"-20" of curb face. This created a delay on this project.
- Communication of final product is key.
- Feather pass was achieved with a smaller machine on this project.
- Discussion of options, and things to consider.



## Joint & Crack Cleaning and Filling

- Performed by Midwest Coatings
- Large joints and cracks to fill
- Majority to be performed in 2019 resulting from weather delays.