

Iowa DOT – Responses to State Report Questions

1. Iowa has built approximately 1300 miles of PCC overlays over the past 40 plus years.
2.
 - a. Typically our current overlays are bid using a square yard item for placement and a cubic yard item for the mix.
 - b. We've used mixed practices in establishing a profile grade for projects. Typically we require the contractor to survey the existing roadway after milling (if needed) and design a profile for the Engineer's approval.
 - c. Yields on recent overlays have run between 110% and 115%. However, overruns have varied greatly on projects due to various factors.
 - d. On two lane roadways we usually close the road and detour traffic. In 2010 we will be building a project under traffic, half at a time with 24/7 pilot car operation. On four lane roadways we build median crossovers and shift traffic to a head to head condition while placing the overlay on the opposing lanes in a closed road condition.
 - e. Recent overlay thicknesses have been designed with assistance from the CP Tech Center utilizing a procedure based upon the PCA method.
 - f. Some counties have bid alternates. The Department has not.
3. N/A

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