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5. Title and Subtitle Evaluation Of Six-Cell Delastic ® Sealant		6. Report Type Click on link to open report Work Plan <input type="checkbox"/> Construction <input type="checkbox"/> Evaluation <input type="checkbox"/> Final <input checked="" type="checkbox"/>	7. Project No. IM-5-094(018)059 8. Project No. 9. Project No. 10. Project No.
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14. Supplementary Notes			
15. Abstract Objective The objective is to determine the effectiveness of the DELASTIC ®SIX - CELL SEALANT to prevent debris and moisture from infiltrating the joints on concrete pavements using. Scope The DELASTIC ®SIX - CELL SEALANT was used to seal the transverse joints of project IM-8-029(026)053 and project IM-5-094(018)059. Fifteen of these joints in each project were evaluated annually to determine the effectiveness and durability of DELASTIC ® SIX - CELL SEALANT . Summary The sealant was evaluated for the following conditions: the sealants twisting or departing, sealants depressing in joint, incompressibles in joint, and spalling of the joint. The sealant depressing into the joints is the only evaluated condition that appeared to be failing. The sealant looks as if it will still keep moisture and incompressibles out of the joint. Based on the evaluations, this type of joint sealant appears to be effective in preventing moisture and incompressibles from entering the joint, but will become depressed into the joint. A different size reservoir may help in preventing the sealant from becoming depressed. This product appears to be a good joint sealant and it resists pull out. If the six-cell is used on future projects, it is recommended that modifications be made to the joint reservoir detail to resist sealant depression within the joint.			
16. Key Words Sealant Concrete Reservior	17. Distribution Statement No restrictions. This document is available to the public from: North Dakota Department of Transportation Materials and Research Division: 300 Airport Road Bismarck ND 58504-6005 Office: (701) 328-6900 Fax: (701) 328-0310		18. No. of Pages 31 19. File type/Size PDF