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5. Title and Subtitle Evaluation of East Jordan Iron Works 3025 SELFLEVEL Manhole Casting		6. Report Type Click on link to open report. Work Plan <input type="checkbox"/> Construction <input type="checkbox"/> Evaluation <input type="checkbox"/> <u>Final</u> <input checked="" type="checkbox"/>	7. Project No. 8. Project No. 9. Project No. 10. Project No.
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12. Performing Organization Name and Address NDDOT M+R <input checked="" type="checkbox"/> North Dakota DOT NDDOT OTHER* <input type="checkbox"/> Materials and Research Division NDSU <input type="checkbox"/> 300 Airport Road UND <input type="checkbox"/> Bismarck ND 58504-6005 UGPTI <input type="checkbox"/> OTHER* <input type="checkbox"/> *see supplementary notes		13. Sponsoring Agency Name and Address North Dakota DOT Materials and Research Division 300 Airport Road Bismarck ND 58504-6005	
14. Supplementary Notes			
15. Abstract Purpose and Need NDDOT currently specifies the Neenah R-1955-1 floating manhole casting or approved equal. The vendor for East Jordan Iron Works (EJIW) has a product the 3025 SELFLEVEL Assembly manhole casting that they claim as an "equivalent" product. The EJIW product number 00302511A01, 3025 SELFLEVEL manhole casting assembly has been selected for evaluation by the Design Division. This work plan will outline the installation and evaluation process. Objective The objective of this experimental project is to evaluate the performance of the EJIW product number 00302511A01, 3025 SELFLEVEL manhole casting assembly as acceptable equal to the Neenah R-1955-1. Scope NDDOT plans to incorporate EJIW 3025 Selflevel manhole castings as part of project and SOIA-7-002(119)053. This project is located near Ray, ND on US 2. Summary The six experimental EJ manhole castings, (product number 00302511A01 assembly with 1-1/2" thick 1040 cover), were installed in accordance with the plans; no notable issues occurred. The underground contractor commented on the ease of installation due to the reduction in weight and found the height adjustments contractor friendly. The general contractor ACME Construction also found the height adjustments user friendly. They found the new castings easy to pave around, adjust and incorporate into the roadway. The project engineer found the new castings contractor friendly without presenting any unusual problems. Visual inspection completed on July 27, 2016, showed the six castings performing adequately with no notable durability issues. NDDOT has developed details allowing both manhole castings.			
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