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TO DE, DCE, PMs  
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THRU  
SUBJECT DIRECTIVE CONSTR 18-02  
ACCEPTABILITY OF CONCRETE PROTECTION BARRIERS

## CONSTRUCTION DIRECTIVE

This Directive is to provide policy for the type and quality of concrete protection barriers used. This policy applies to both NDOT and Contractor owned barriers used on NDOT projects.

After December 31<sup>st</sup>, 2019, all new concrete protection barriers built will need to meet the 2016 Manual for Assessing Safety hardware (MASH) criteria. Existing Type "B" and "C" concrete protection barriers that meet NCHRP 350 and were built prior to December 31, 2019 may continue to be used throughout their "normal service life". Type A barriers are not allowed for use on NDOT projects whose contract start date was after January 1, 2018.

NDOT has created two criteria for determining "normal service life":

1. Barriers used on NDOT projects shall be in acceptable condition. The Department has developed the [2018 Nebraska Department of Transportation Evaluation Guide Concrete Protection Barriers March 2018 Edition](#) for determining what acceptable condition is. This guide should be used for all concrete barriers brought onto projects starting April 1<sup>st</sup>, 2018.
2. Barriers not conforming to MASH 2016 criteria will not be allowed on projects after December 31, 2027.

### For Information:

Type A: 4-loop barriers with a large opening at the bottom.  
Type B: 6-loop barriers with 4 lifting slots and no slots for tie-down rods.  
Type C: 6-loop barriers with 4 lifting slots and 6 slots for tie-down rods.