

# **TURNPIKE PLANS PREPARATION AND PRACTICES HANDBOOK (TPPPH)**

## **VOLUME I**



**FLORIDA'S TURNPIKE ENTERPRISE  
PRODUCTION DESIGN DEPARTMENT**

**OCOEE, FL**

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**November 7, 2014 Addendum #1**

existing deck is not grooved, and there is a history of crashes at that location, grooving shall be investigated during the design process.

## **26.19.4 Barrier Retrofit**

Substandard TL-3 barriers with round aluminum railing may be candidates for upgrades using a steel elliptical railing retrofit. Contact the Turnpike Structures Design Engineer for details.

## **26.19.5 Barrier Conduits**

All bridge barriers and parapets shall have conduits per Index 21210. Conduits not intended for current use shall be labeled as "future use". In the case of a parapet and a barrier on one side of the structure (ex: sidewalk configuration), conduit is required in whichever feature is located closest to the coping. Median barriers must also have conduits. In the case of adjacent bridges with back-to-back barriers with a clear gap of 5-ft or less, conduit is only required in one barrier. These requirements also apply to retaining wall barriers/parapets on bridge approaches.