

4300901 PIPE CULVERTS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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The information seems difficult to determine as the Construction Management staff would need to be privy to the design intent of 100 year service life for the project. Also, as in the case of steel the CEI typically provides the samples to the Department. Some of the pipe sizes and/or lengths could be larger than what would fit in a pick-up truck. Is this something that would be provided by the manufacturer for the APL rather than this method?

Response: The Plans will typically indicate the required class of plastic pipe on the Optional [Drainage] Material Tabulation page. For example, if Class II HDPE is specified, that indicates 100-year design service life per Section 948.

For larger pipe sizes, the CEI may contact the State Materials Office for additional instructions on cutting the samples for transportation.

Corrugated drainage pipe is considered a structural material and is not an APL product, they are obtained from approved producers (Section 105). The Department requires project sampling on plastic drainage pipe for quality assurance to avoid unforeseen issues with pipe durability.
