



Turnpike Design Website



Change/Update Request

To (Assistant Design Engineer): To (Design Manager):

Date: Request By:

Type of Update	Media
<input type="checkbox"/> New Criteria	<input type="checkbox"/> Website
<input type="checkbox"/> Addendum	<input type="checkbox"/> TPPPH*
<input type="checkbox"/> Lessons Learned	Attachments: <input type="checkbox"/> Yes <input type="checkbox"/> No

* TPPPH Volume: TPPPH Chapter: TPPPH Section:

Description of Change/Update

Concurrence

Design Manager: _____

Assistant Design Engineer: _____

Completed

Date:

Initials:

ARCHITECTURAL

TRANSFORMER REPLACEMENT OMITTED FROM THE PLANS

A toll plaza project included the installation of a new Uninterrupted Power Source (UPS) and its panel board. An existing 10 KVA transformer with a higher capacity transformer, part of the new installation, was slated for replacement but was omitted from the contract plans. During construction, the EOR wrote a letter to the Department specifying the transformer to replace the existing one. No plan revision was prepared for this work. After delivery of the new transformer, it was found to be incompatible with the existing system and another transformer had to be ordered. Premium costs resulted from the purchase of the new transformer although related project costs were otherwise mitigated.

Lesson Learned: Perform all necessary on site inspections of the existing electrical system prior to specifying a specialty item such as this 30 KVA harmonic mitigating transformer.