



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Design Memorandum No. 19-06

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TO: All Design, Operations, and District Personnel, and Consultants

FROM: /s/Elizabeth W. Phillips
Elizabeth W. Phillips
Director, Standards and Policy

SUBJECT: Practice Pointers

Subject	(IDM Section – if applicable) Guidance <i>Clarification</i>
QC/QA PCCP	(304-16.0 PCC PAVEMENT AND PAY ITEMS) For a project PCCP quantity of 7200 yd ² (one lot) or greater, the pay item should be “QC/QA-PCCP, ___ in.” <i>[these are 501 pay items]</i> For a project PCCP quantity of less than 7200 yd ² , the pay item should be “PCCP, ___ in.” <i>[these are 502 pay items]</i> . <i>Check with the Pavement Engineer if the pavement design specifically calls for QC/QA PCCP, but the final quantity estimate does not warrant its use.</i>
Cost Estimate in CES	<i>The cost estimate should be entered into CES no later than Stage 3. A PDF should be provided with the Stage 3 submittal. There are several useful features of the CES printout, including whether the pay item is obsolete, is in conjunction with an RSP, or requires a unique special provision. Also INDOT can assess the impact of changes and resolve issues prior to letting by querying CES for contracts that include a certain pay item. The PDF of the Oman Bid Tabs estimate should be submitted when requested by the project manager.</i>
Subgrade Treatment Type IB (14 in. Chemical Soil Modification)	<i>When the subgrade treatment recommendation for Chemical Soil Modification is restricted to a single type of chemical modifier (for example, cement only), a USP and a supplemental description to the pay item should be included. It is not sufficient to only put a note on the plans.</i>

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Unique Special Provisions	<i>USPs should be submitted to CMUSPReview@indot.in.gov to begin the USP review process. The process, samples index, and summary sheet are available from the Recurring and Unique Special Provision webpage</i>
2020 <i>Standard Specifications</i> , 2019 <i>Standard Drawings</i>	<p>The 2020 Standard Specifications and the 2019 Standard Drawings go into effect with the September 2019 lettings. <i>If a contract is moved to September from a previous month's letting, provisions will be affected.</i></p> <p><i>Highlights:</i></p> <ul style="list-style-type: none"> • Changes from 2018 to 2020 Standard Specifications • <i>Bridge Railing – PF-2/PS-2 eliminated. PF-1 and PS-2 are reasonable substitutes</i> • <i>Moment slab details for barrier on MSE wall eliminated. Use barrier aside MSE wall configuration.</i> • <i>Rumble Stripes/Rumble Strips incorporated into shoulder corrugation Standard Drawing series 606-SHCG</i>
RPD 700-B-301d <i>Standard Specifications 714 and 723</i>	<i>RPD (Load Rating Summary) should be included in contracts that contain a bridge length 3-sided or box structure. The completed summary and supporting calculations should be submitted by the vendor with the working drawings. For INDOT structures, a copy of the completed form should be forwarded to the INDOT Load Rating Engineer, LoadRating@indot.in.gov</i>
Standard Drawing series 601-GRET	<i>Grading is an important aspect of the performance of guardrail end treatments. Grading options shown on the Standard Drawings series 601-GRET should be accounted for during the design phase.</i>