



# Panel Q&A Session

**November 1, 2016**

**Northern Region Traffic Signal Construction Industry Forum**

In more recent VDOT IIMs, there are specific cutoff dates related to different types of project delivery methods. For permit projects, is the effective date based on: when the permit is applied for, when the final plans are submitted, or when the final plans are approved?

VIRGINIA DEPARTMENT OF TRANSPORTATION  
**STRUCTURE AND BRIDGE DIVISION**  
**INSTRUCTIONAL AND INFORMATIONAL MEMORANDUM**

<b>GENERAL SUBJECT:</b> Ancillary Structures	<b>NUMBER:</b> IIM-S&B-90.2 IIM-TE-382.1		
<b>SPECIFIC SUBJECT:</b> VDOT Guidelines to AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6 <sup>th</sup> Edition, 2013 with 2015 Interims	<b>Date:</b> April 28, 2016  <b>SUPERSEDES:</b> IIM-S&B-90.1		
<b>DIVISION ADMINISTRATOR APPROVAL:</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center; border: none;">                             /original signed by/                              Kendal R. Walus, P.E.                              State Structure and Bridge Engineer                              Approved: April 28, 2016                         </td> <td style="width: 50%; text-align: center; border: none;">                             /original signed by/                              Raymond J. Khoury, P.E.                              State Traffic Engineer                              Approved: April 28, 2016                         </td> </tr> </table>		/original signed by/ Kendal R. Walus, P.E. State Structure and Bridge Engineer Approved: April 28, 2016	/original signed by/ Raymond J. Khoury, P.E. State Traffic Engineer Approved: April 28, 2016
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Changes are shaded.

The following VDOT Guidelines to the AASHTO *Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6<sup>th</sup> Edition (LTS-6), 2013 with 2015 Interims*, are effective for projects as stated below.

**Effective Date:**


Future contracts: This Memorandum shall be effective for all contracts with an advertisement on or after July 1, 2016.

Existing contracts: Requirements in this Memorandum may be applied under existing contracts (including existing Regional Traffic Signal Construction Contracts) if the change is approved by the Project Engineer.

Land use permit for private developments: this Memorandum shall be effective for all projects where the design is submitted to VDOT on or after July 1, 2016.

Design-Build or PPTA projects: this Policy shall be effective for projects with RFP released on or after July 1, 2016.

# When submitting questions through CABB (the Contractor Advertisement Bulletin Board), is there a timeline required for VDOT to turn around answers?



### Construction Advertisement Bulletin Board

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Project Info			
<b>Order Number</b>	<b>UPC</b>	<b>State Project Number</b>	<b>Last Date to Post Questions</b>
H69	67769	0784-023-226.C501	10/23/2015

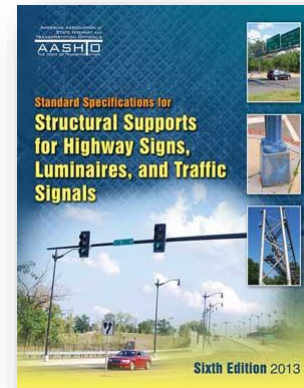
  

Search Questions	
<b>Search</b>	<input type="text"/>
<b>Question Type</b>	All <span style="font-size: small;">▼</span>
<input type="button" value="Search"/> <input type="button" value="Clear"/>	

The last date to post questions has passed. Any questions posed 72 hours before the letting date may not be answered. [Export Q&A](#)

Question List			
<b>Subject:</b>	Geogrid Reinforced Soil Slope	<b>Type:</b>	Specifications
<b>Question</b>	The Special Provision permits polymer coated polyester material; however, suppliers are indicating this material does not appear to be available with 95% UV resistance. Would an increased strength be a sufficient substitute in lieu of the UV rating and if so, what requirement would be acceptable?		
<b>Answer</b>	The grid strength and spacings recommended will likely leave us with some reserve strength. Coordination between VDOT and contractor will occur on the specific grid the contractor is recommending and VDOT will review based on the products spec sheet to obtain the true UV % coverage.		
<b>Question</b>	The drawing (plan sheet 2RR, with a revised date of 7/16/15), indicates a 1.5:1 slope within the area of the geo-grid. Considering the slope will consist of very granular fill (CBR-30) it is unlikely regular excavating equipment will be sufficient for topsoil application, potentially resulting in an unconsolidated position, especially considering the application of a 4" layer of topsoil after the fill is accomplished and subsequent seeding operations, regardless of weather or temperature conditions. Does the department expect special equipment application or some type of slope stabilization to ensure against future slope failure or slippage?		
<b>Answer</b>	The contractor is to determine the means and methods to accomplish what the plans indicate.		

Recently VDOT implemented the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th Edition (LTS-6), 2013 with 2015 interims. For projects that were designed and/or construction initiated during the transition period between the older AASHTO specifications and these newer specifications, how are decisions being made by VDOT regarding design waivers and whether those transition projects may use signal poles based on the older specifications?



When design plans refer to the “latest VDOT specifications” or “latest AASHTO specifications,” how does a contractor know what that means? What should a contractor refer to and as of what date?

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Announcements - 4/1/16

Specifications Comment Form 7/12/13

**2016 Road and Bridge Specification Book (Final)**

Adobe PDF File - 18.3 MB

Please note that the 2016 Road and Bridge Specifications book will be effective starting on the July 2016 Advertisement.

- You may place requests by email to [vdotcoplanroom@vdot.virginia.gov](mailto:vdotcoplanroom@vdot.virginia.gov)
- by fax to (804) 786-2788
- by using our on line [Publication Sales Form](#) or
- purchase in room 1200 in the Annex Building

VDOT  
1401 East Broad St.  
Richmond, VA 23219  
Attn: Construction Division

What are some of the more important training needs that signal contractors should be sure their crews are getting in the near future?



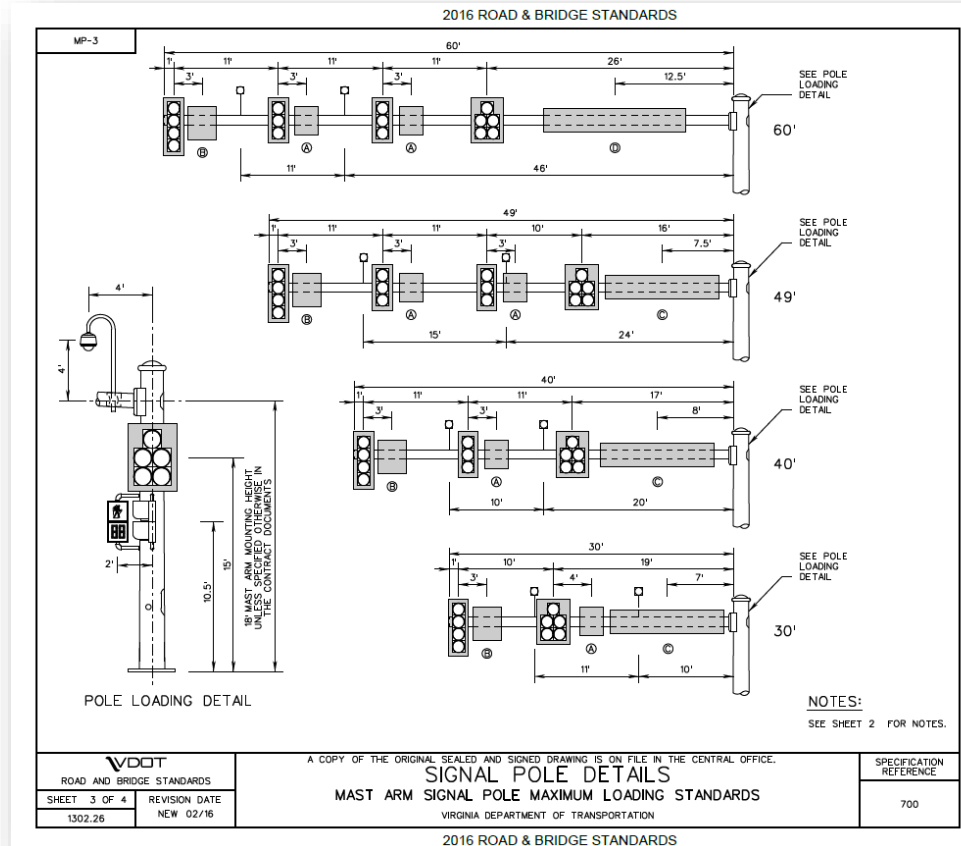
What is the process a contractor needs to follow for having underground VDOT lines located prior to construction? How is that process different in NoVA and the rest of the state?



Many on-call regional signal construction contracts state we can set poles after a 7 day cure time using high early concrete. In this case, why are cylinders still required?

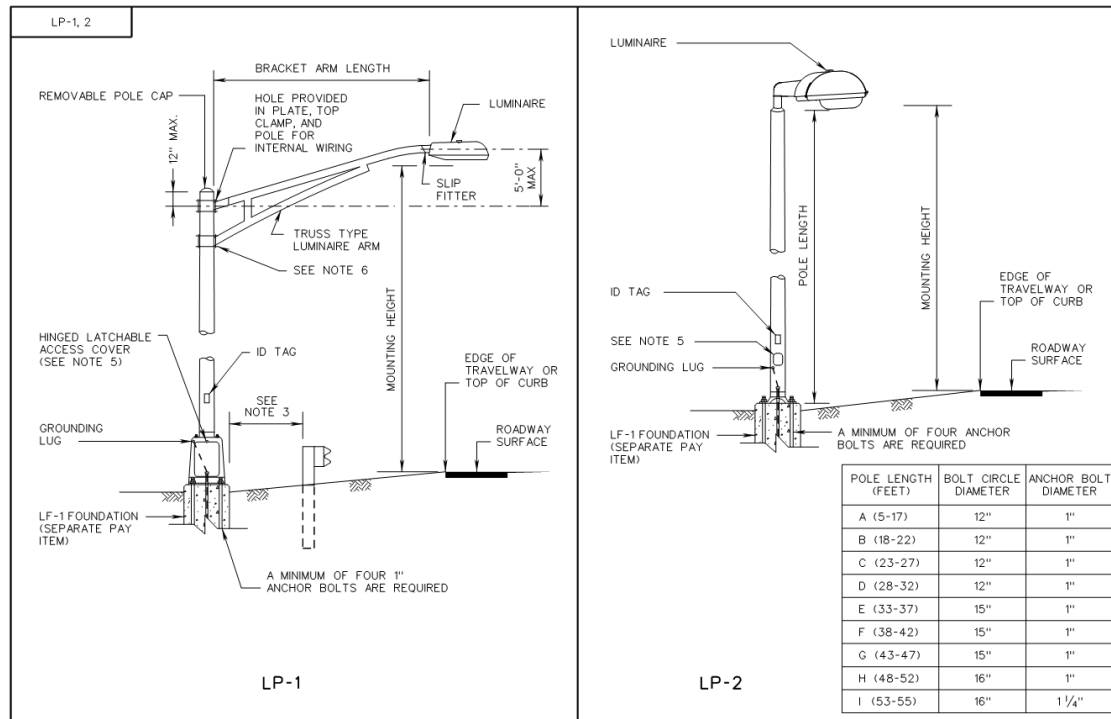


The new specifications include a requirement for a 3 percent mast arm rise, should calculations be based on design loading in the new MP-3 standard (i.e., maximum loading) or as-built loading?

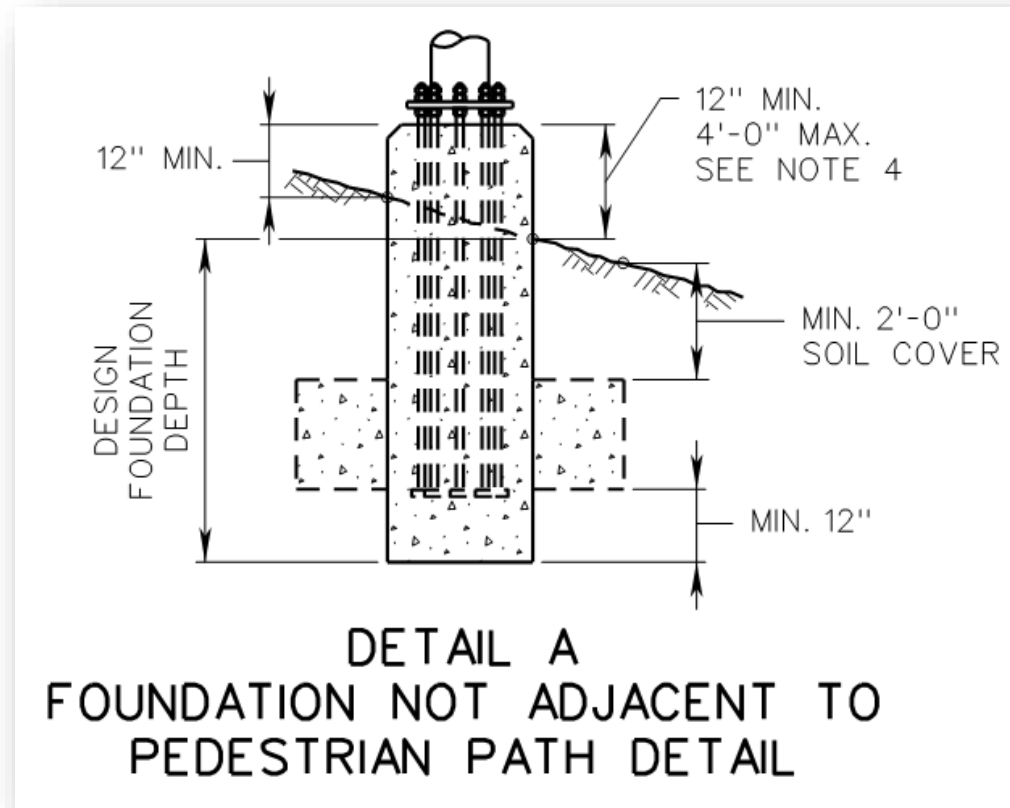


## In the Standards LP-1/LP-2:




- Do all light pole fixtures require a photo cell?
- Could you provide more clarity on the mounting height requirements?
- A transformer base is shown on the LP-1 drawing. Is a transformer base (i.e. breakaway or non-Breakaway) always required with the LP-1?



What is the purpose behind the change in signal pole foundations requiring them to be elevated 1-ft above existing grade?



How are updates in standards, specifications, or other relevant VDOT policies being communicated to the external stakeholders and what options are available for contractors to receive or be notified of changes?

Last Saved: 04/01/2016 2:25 PM	<b>UPDATED Apr 1, 2016</b>	Today's Date: April 1, 2016
		
<h2><b><u>ANNOUNCEMENTS</u></b></h2> <p>-----RESOURCE LOCATIONS-----</p> <p>Basic Info (Web Users):  <a href="http://www.virginiadot.org/business/const/spec-default.asp">http://www.virginiadot.org/business/const/spec-default.asp</a></p> <p>Complete Info (VDOT Users Only):  <a href="https://outsiddevdot.cov.virginia.gov/P0JQP/2007_Standard_Specifications/Forms/AF.aspx">https://outsiddevdot.cov.virginia.gov/P0JQP/2007_Standard_Specifications/Forms/AF.aspx</a></p> <p>Complete Info (All Users):  <a href="http://www.virginiadot.org/business/resources/const/07ImpRev.zip">http://www.virginiadot.org/business/resources/const/07ImpRev.zip</a></p> <p>(This file name is: <u>Announcements</u>)</p>		
<p>Comments, corrections, or suggestions regarding the Department's Specifications may be addressed through E-mail.          To: <a href="mailto:David.Gavle@VDOT.Virginia.gov">mailto:David.Gavle@VDOT.Virginia.gov</a></p>		
<p><b><u>April 1, 2016</u></b></p> <p>The Revisions to the 2007 Specifications are updated as of 4-1-16.</p> <p><b>Effective with the First April 2016 Advertisement (Apr 12, 2016):</b></p> <p>c413d01 Bridge Demo Notice to USEPA          cu103003a Award of Contract          cu108006a Determine-Extend Contract Time Limit          cu505000a Guardrail Terminal ID          S516B00 Asbestos Removal for Road Const          S516C00 Non-Friable Asbestos          SU505000A Guardrail Repair Terminal          SU512002A 512 Maintaining Traffic</p>		



# Open Forum Q&A Session

**November 1, 2016**

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- Does the High Mast Light Poles hand hole requirement of 50% of tube diameter also apply to CCTV poles?
- Are the Truss Luminaire Arms the only ones to be used on the LP-1, or are single tapered luminaire arms still accepted?
- In the past, people have forced the Bolt Circle and Anchor Bolt diameter shown on the table for LP-2 into the LP-1. Do these parameters apply for both Luminaire Poles or just for LP-2?
- PF-8, note #2 mentions that High Mast Poles are required to have a minimum of (12) two inch anchor bolts. Typically by design this would not be necessary?
- For luminaire arms on mast arm poles, are clamps the only accepted connection for Luminaire Arms?
- The MP-3, Drawing reference an ID Tag on the arm. Is this ID Tag the same than the one required on the shaft or is the layout different.



**Thank You!**

***Please return your feedback forms.***

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