

1050000 – CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS
COMMENTS/RESPONSES FROM INDUSTRY REVIEW

Bob Dion
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Comments:

Does 'shoulder only construction' in 160-5.1.1.1 include paved shoulder also?

Suggest expanding 160-5.1.1.2 to include side streets or should 'mainline' be removed? Should it be '...construction of the roadbed for pavement lanes....? Is shoulder construction (paved and unpaved) included? Suggest mentioning shoulders

160-9.3 suggest not deleting 'Type B Stabilization' from the 2nd paragraph, or mention 'in Stabilized Subgrade' in the first paragraph. If not, the 1st and second paragraphs conflict. The first pays for commercial material, the second says no separate payment will be made.

Response: This comment is for Section 160. See 160 responses.

Derek Fusco
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Comments:

Should subarticle 160-5.1.1.2 Traffic Construction include rest area parking lots?

Response: This comment is for Section 160. See 160 responses.

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Comments:

1. 160-7.2.4: Use Word Track to highlight changes
2. 160-7.2.4: under Non-Traffic Construction, under Rolling Pattern add Witness for Verification instead of N.A.
3. 160-7.4.4 Define production area in: first paragraph, first sentence.....retest the section or production area

Response: This comment is for Section 160. See 160 responses.

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Comments:

I disagree with the philosophy of moving away from Lots and calling them "Sections". It most likely will cause more problems than it fixes. Lots are standard term and need to be understood by those working in this industry. It is the basis of statistically based acceptance specifications and those in the field are more than capable of understanding these concepts. I have been teaching these basic statistical concepts for years in the CTQP courses and never get questions on what a Lot is, but rather what is the size of the Lot? Changing the terms mid-stream will cause confusion in the field, especially between different material areas. A Lot is a Lot is a Lot, whether it is in linear feet, cubic yards or tons depending on the type of material.

Also, there needs to be provision for accepting shorter segments. In changing the Lots to consecutive feet and increasing the distance/total number of tests - how does one handle a project that is built in short segments? Specifically, if the phasing of the project calls for building an area up that is less than the consecutive footage requirement, how do you accept lower layers of embankment, sub base or base? The same situation applies to areas that in the interest of getting the project built faster – the contractor wants to work smaller sections – is the contractor then placed at high risk in covering up lower layers? Why can't the layers be accepted as they are completed regardless of the length – if it will get the project done faster? If we can reduce the risk to both the contractor and the agency, the projects will undoubtedly be built right (quality) and faster and cheaper in the process. Seems the way that is proposed will be a paperwork nightmare.

There appears to be a push toward larger Lots and longer consecutive distances before reduced testing is an option. My question to the Department is how many projects are actually phased this way anymore, or is the trend to have projects built in shorter sections? Any specification that is developed must be flexible enough to work in both long continuous runs of production and short discontinuous runs of production. I'd go further to recommend to the Department that they consider looking at how they are doing business now (compared to 10 years ago) in terms of the type/scope/phasing of projects to see if the current specifications are applicable to the majority of that type of work.

Response: This comment is for Section 160. See 160 responses.

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Comments:

1. 105-1 - Line 5 Change “or” to “and” to read “... that are listed as exceptions in 6-8 and materials that are not listed...”

Change made.

2. 105-5.1 - Line 5 “CTQP” acronym used first time in the document. It should be defined. Change to read “Construction Training and Qualification Program (CTQP)”. The following other instances of CTQP related changes are proposed with the assumption that CTQP acronym is to be used in the document. If the intent is NOT to use the acronym, I recommend text search for “CTQP” for replacing all instances with the full text.

Change made

3. 105-5.2 - Title “QC” should be “Quality Control” to match with the pattern of changes in the rest of the instances. The following other instances of QC related changes are proposed with the assumption that QC acronym is NOT to be used in the document.

Change made

4. 105-5.2 - Lines 1,3,4,7 “QC” should be “Quality Control” to match with the pattern of changes in the rest of the instances.

Change made

5. 105-5.2 - Line 7 Delete the full text “Construction Training/ Qualification Program” and replace with “CTQP”.

Change made

6. 105-5.2, 2nd paragraph. Line 1 “QC” should be “Quality Control” to match with the pattern of changes in the rest of the instances.

Change made

7. 105-5.5 - Title “QC” should be “Quality Control” to match with the pattern of changes in the rest of the instances.

Change made

8. 105-5.5.1 - Line 3-4 Change “Construction Training and Qualification Program (CTQP)” to “CTQP”.

Change made

9. 105-5.6 – Title “QC” should be “Quality Control” to match with the pattern of changes in the rest of the instances.

Change made

10. 105-5.6.1 - Line 1 “QC” should be “Quality Control” to match with the pattern of changes in the rest of the instances.

Change made

11. 105-5.7 - Title “QC” should be “Quality Control” to match with the pattern of changes in the rest of the instances.

Change made

12. 105-7.2 - Line 7 “QC” should be “Quality Control” to match with the pattern of changes in the rest of the instances.

Change made

13. 105-5.8.7 - Line 3 Change “Construction Training and Qualification Program (CTQP)” to “CTQP”.

Change made

14. 105-5.9, 2nd paragraph - Line 4 “QC” should be “Quality Control” to match with the pattern of changes in the rest of the instances.

Change made

15. 105-5.11.1.4.1 - Line 2 “ACI” is used first time in the document. Propose to define it to read “American Concrete Institute (ACI)”

Change made

16. 105-5.12, 2nd paragraph - Line 3 AASHTO/NSBA acronym is used first time. Propose to define it.

Change made

17. Table 105-5 - Title, and subtitles "QC" should be "Quality Control" to match with the pattern of changes in the rest of the instances. There are a total of three instances.

Change made

Response: All suggested changes have been made.

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Handled by: Greg Vickery
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Comments:

We have retrieved the referenced document from the [State Specifications Office's Industry Review intranet website](#). Pursuant to request, we have reviewed the document, entitled "Contractor Quality Control General Requirements," and offer the following comments for your consideration.

Under Section 105-5.5, Earthwork QC Personnel, it should refer to the personnel as technicians, not inspectors. Inspectors are defined as being an agent of the Department.

Thank you for the opportunity to provide input. If you have any questions or need additional information, please do not hesitate to contact me, at (850) 415-9200.

Response: Change made

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Comments:

Since we are in the process of amending this Spec, under 105-2, it would be beneficial to assign a time frame that the Contractor needs this Certification of Compliance submitted by as in other Certifications (i.e. MOT, Striping Certs that need to be submitted by noon on Monday following the Estimate Cutoff or as directed by the Engineer). As a CEI, we have time frames in which our Monthly Estimates are due to the Department. Adding the above mentioned time frame to this Spec would enable us to meet our goals.

Response:
