

Design Build Notes and Updates

February 4, 2002

Section 100, modified for Design Build, of the ODOT CMS (or county equivalent) should be part of the proposal document.

February 4, 2002

Any referenced Standard Construction Drawings, Supplemental Specifications, Plan Notes, etc. should be attached to the proposal.

February 4, 2002

The Contractors Consultant, as referenced in Section 5 of the scope, should be prequalified for 'Non-complex Roadway' and 'Bridge Design Level ___'. To determine the level of bridge design, you may either ask your District Office or visit the following website and view page 11 of the Adobe Document for a definition (<http://www.dot.state.oh.us/CONTRACT/CONSULT/PREQUAL/prequal.pdf>)

February 4, 2002

The County Engineer should verify that the contractor is pre-qualified to do bridge work.

February 4, 2002

Section 9 of the scope references Hazardous Materials. The scope manual (found at <http://www.dot.state.oh.us/construction/OCA/DesignBuild/scopemanual14.htm>) provides several options on how to handle this item. One of these options should be used in the scope.

February 4, 2002

Section 8.5 Post Award Conference should be changed to read "Post-Letting Conference." This terminology makes more sense in the county award process. The meeting is held with the apparent low bidder to discuss the estimate as compared to the engineers estimate to look for items that may be in discrepancy. It should be done prior to signing contract.

February 4, 2002

Section 10.3 of the scope of services references the Army Corps of Engineers and their website. Verify the correct district is referenced for your area of the state. Contact the ODOT District Office for assistance.

February 4, 2002

The following note may be placed in Section 10.3 after the sentence "The environmental permits governing the subject improvement are as follows:" List the permits for the project and then add this note:

The above referenced permits are incorporated and made a part of this contract as special provisions incorporated herein. Therefore, in the event that the Contractor or its agents refuse or fail to adhere to the requirements of the 404 Permit, and/or the NPDES Stormwater Permit and as a result an assessment or fine is made or levied against the County, the contractor shall reimburse the County within thirty (30) calendar days of the notice of assessment or fine or the County may withhold the amount of the fine from the Contractor's next pay estimate. All money collected or withheld from the Contractor shall be delivered to the permitting agencies issuing the assessment or fine.

These fines are not to be construed as a penalty but are liquidated damages to recover costs assessed against the County due to the contractor's refusal or failure to comply with the permits.

The Contractor shall make all necessary or required adjustments to the Storm Water Pollution Plan or plan quantities to adhere to the above permits and shall be paid in accordance with the contract. The Engineer will make the weekly and rainfall inspections of the work are required by the NPD

February 4, 2002

In Section 15.3, verify that the information filled in for the 'Transverse Sections' is the proposed conditions, NOT existing.

February 4, 2002

Also in Section 15.3, there is a restriction on keeping the same number of spans for the proposed structures. This may be eliminated WITH EXTREME CAUTION. This was put into ODOT scopes to prevent 3-span structures are changed to single span bridges with MSE walls and other similar senerios. The County Engineer should consider all possible consequences before removing such a restriction.

February 4, 2002

In Section 18.3, specify the sheets you would like to see and eliminate those that are not necessary.

February 4, 2002

Most District Environmental Coordinators are requesting copies of the plans at the Preliminary Plan Review stage. Please contact your District LPA or DEC Coordinator to find out how many and what size of plans they would like to see. That information should be put into Section 18 of the scope so that direct submittals from the DBT to the District may be made.

January 14, 2002

ODOT Plan Submissions. In addition to adding ODOT District LPA Coordinator in the plan distribution list for the Final Plan Review stage, a set of Construction Plans should also be given to ODOT to be used for the final inspection of the project.

January 14, 2002

A cost estimate for each project should be done using the pay items list available at the following web site (<http://www.dot.state.oh.us/contract/estimating/ItemMaster/dbitems.pdf>) The estimate should be prepared by choosing items off of this list and contain individual lump sum costs for each item. **This estimate must be included with the submission of the S&E package.**

January 8, 2002

Regarding Section **10.6 Stream Crossing Investigations (flood plain analysis)** of the Scope of Services

Replacement Projects

Minimum Hydrology and Hydraulics (H &H) Requirements:

The plans for each bridge should include a site plan as per Section 202.1 of the ODOT Bridge Design Manual (BDM). Part of this site plan is the H & H information as stated in 202.1.d. This requires some basic hydraulics be checked for the bridge. At a minimum the DBT should provide information as shown in the following sections of the BDM:

Section 202.5; a, b, h, and i parts 1 and 2. Further information regarding the Hydraulic Analysis may be found in section 203.2 of the BDM.

If you leave Section **10.6 Stream Crossing Investigations (flood plain analysis)** of our proposed Scope of Services in your scope as is, there should be no problems with the H&H information provided.

Rehabilitation Projects

For rehabilitation projects that are using the existing abutments and piers and are not lowering the low chord (low steel) elevation, no hydraulic information is required. Sections 10.6 and 15.1a. and b. may be removed from the scope.

January 7, 2002

For projects involving multiple bridge, please create only one Scope of Services and either insert the specific data about each bridge in the body of the scope or add as attachments.

January 7, 2002

The Environmental Consultation Form should be completed base on the scope of services. This is normally done using the plans. This needs to be done prior to submission of the S&E Package to Central Office.

January 7, 2002

Advertising time is not limited to 3 weeks as stated in a typical LPA Local/State Agreement. It is recommended that more time be given, 5 to 8 weeks.

January 7, 2002

In Section 6 of the Scope of Services, give final completion dates and maximum closure times for each bridge (road closure).

January 7, 2002

Environmental Plan Notes may be added as an attachment or placed within the body of the Scope of Services.

January 7, 2002

In Section 15.1 of the Scope of Services, "Hydraulic data provided by the County Engineer" should be revised to "Hydraulic and Soil Boring Data provided by the County Engineer."

January 7, 2002

Move ODOT's review submittal from the Construction Plan Review to Final Plan Review. The Scope of Services does not allow for a review period for the Construction Plans. If the plans are submitted to ODOT at the Final Plan Review stage, this will allow ODOT to verify conformance with the environmental commitments prior to the commencement of construction.

January 7, 2002

ODOT is currently checking with FHWA as to the extent of hydraulic and hydrologic data required for proposed structures that are not changing the waterway opening size and geometry. Return to this page for updates.

Please visit this page often for the latest information or contact Doug Gruver of ODOT at 614-728-4585 or doug.gruver@dot.state.oh.us.

For questions regarding funding or eligible costs, please contact the CEAO or your District LPA Coordinator.