

PRE-LET FIELD INSPECTION

Construction WBS#: 47138.3.1

County: Forsyth

T.I.P. #: U-6003

Team Lead: Connie James, PE

Management Group: Division 9

Instructions

An answer must be provided for **all** questions. If the question is not relevant to the project, then check N/A. Where needed, reply to the requests for additional information with complete statements so that there is not the possibility of a misunderstanding or confusion.

General

<p>Does this project contain any new or unique construction techniques, processes, and/or products that are unfamiliar to the Department, Division, or the assigned Resident Engineer? If “Yes”, a draft project special provision, details along with a Technical Bulletin (if available) of this unique construction technique, process, and/or product should be supplied to you for review and comment during this field inspection.</p> <p>Does this project have any constructability issues that should be addressed? If “Yes”, briefly describe the issue(s) in the space below: Click here to provide additional information.</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>Based on your answers above, do you recommend:</p> <ul style="list-style-type: none"> • An internal constructability review? • An external constructability review with representation from contractors affiliated with the Association of General Contractors (AGC)? • A Technical Bulletin to be prepared? • Training to be provided for the Resident Engineer and staff? <p>Click here to provide additional information.</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>Recommend completion date for project based on a tentative letting date of Click here to enter the let date.</p>	<p>Click here to select a completion date.</p>
<p>Recommend the contract method felt most suitable for this project: conventional, A & B, or incentive/disincentive.</p>	<p>Conventional</p>
<p>Should a floating date of availability be used for this project? If “Yes”, provide any recommendations in the space below: Click here to provide additional information.</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A</p>
<p>Are there any issues with the beginning and end of project and construction? If “Yes”, list the locations in the space below: Click here to provide additional information.</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A</p>
<p>Will the construction surveying on this project be handled by the Department or the Contractor?</p>	<p>Contractor</p>

Is the project survey line identified on the ground so it can be found and located by the prospective contractors? If “No”, provide the location(s) where issues exist in the space below: Click here to provide additional information.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are there any existing hazardous waste sites or possible existing contaminated properties located within or immediately adjacent to the project right of way? If “Yes”, list the locations in the space below: Parcel #2 Quality Oil Company LLC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are any monitoring wells within project limits? If “Yes”, provide locations in the space below so that abandoning work may be coordinated by the Geoenvironmental Section before construction. Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you have any suggestions for consideration that would reduce the future maintenance costs of this project? If “Yes”, list the locations in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Should “Partnering” be utilized on this project? This concept of creating a cohesive relationship between the NCDOT, the Contractor, subcontractors, and suppliers, is highly encouraged particularly on large, complex projects when safety, efficiency, and completion within the targeted budget and schedule are extremely important. If “Yes”, provide additional information on the type of partnering in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Have the comments from the final design field inspection been incorporated? If “No”, provide explanations for not doing so space below: Not at this time	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Barriers

The Roadway Standard Drawing, Std. 846.03 (Sheet 1 of 2), shows guardrail spanning an object that requires a post to be omitted. Does this project require that standard? If “Yes”, list each location and the required standard in the space below: Click here to provide additional information.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Will removed existing guardrail be stockpiled? Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Will the Division be able to furnish the temporary concrete barrier to the contractor for his use during construction of the project? If “Yes”, designate the location from which the contractor must take delivery of the barrier and the location to which the contractor must return the barrier at the conclusion of the project in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If the Contractor is to furnish the temporary concrete barrier, should barrier revert to the Contractor at the conclusion of the project? NOTE: If the Division wants to take possession of the barrier, it must reimburse the project for the salvage value of the barrier, this reimbursement must come from 100% State funds.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Constructability/Permitting/Commitments

<p>Have all environmental commitments been reviewed and can they be implemented? If “No”, provide more detail below in the space below: Click here to provide additional information.</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<p>Are any plan changes or modifications required that may jeopardize the status of the permit? If “Yes”, list the locations in the space below: Click here to provide additional information.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<p>Are historic properties and / or archeological sites clearly identified on the plans? If “No”, provide the location(s) where issues exist in the space below: Click here to provide additional information. Do the commitments clearly explain how the impacts to these sites will be avoided or minimized? If “No”, provide suggestions on how the comments could be clarified below: Click here to provide additional information.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>Are there any temporary pedestrian impacts listed on the list of environmental commitments (green sheets)? <u>No temporary but including accommodations at intersections</u></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Driveways

<p>Will high strength or quick cure concrete be required for driveway during construction of replacement operations? Click here to provide additional information.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Earthwork

<p>Are there any ways which project generated debris (i.e. removed concrete/asphalt pavement: clearing and grubbing-mulch; native planting) can be safely and economically incorporated into the construction of the project? If “Yes”, provide more information in the space below: Click here to provide additional information.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>Can earthwork be utilized (as shown on the Earthwork Summary) during construction phasing of this project? For widening projects, this includes the ability of the contractor to haul earth material across traffic. If “No”, provide more information in the space below: Click here to provide additional information.</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<p>If this project fits within the guidelines, would you rather the contract be written as “Lump sum grading” or individual grading items? <u>Lump Sum</u></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>Is this project a good candidate for earthwork quantity determination using photogrammetric methods? Click here to provide additional information.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Geotechnical (Must answer if sub-surface information is not available.)

<p>Are any underdrains anticipated? If “Yes”, estimate total length below: <u>500 LF</u></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Is additional undercut excavation needed beyond what is shown in the geotech recommendations? If so, provide an estimate of that quantity. (Article 225-4) Click here to enter quantity.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Grading

Has any grading occurred since field surveys and contour mapping were made? If “Yes”, have these areas been identified and taken into account? Provide additional information in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Load Restrictions

Are there load limit restrictions on roads and/or bridges in the project vicinity which will limit the contractor in the hauling equipment and materials?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If “Yes”, will this be covered by Section 105-15 of the Standard Specifications? <u>No load restrictions in close proximity</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Material Usage and Measurement

Specify how borrow material will be measured. In place measurement, or truck measurement. (Article 230-5)	In Place Measurement
On Federal Aid projects, are materials furnished by the contractor or salvaged from the project to become the property of the department? If yes, the salvage value must be reimbursed from State funds for the material as part of the Federal Aid Agreement if the salvage value exceeds \$5,000.00 except where the salvaged item will be reused in future projects eligible under Title 23 USC until its useful life is expended.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Pavement

Will incidental stone base be required? (Article 545-1) If “Yes”, estimate quantity in the space below: <u>500</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Will asphalt plant mix pavement repair be required for repairing existing pavement? (Exclude pipe installations) If “Yes”, estimate quantity in the space below: <u>100</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Do you have any recommendations for mobile string line or fixed string line for the asphalt plant mix paver? (Article 610-8) If “Yes”, provide further details in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Has the method of rumble strip construction for concrete shoulders been clearly show in the plans? <u>N/A</u> Do you agree with the method as shown? <u>N/A</u> Is there another approved method more suitable for this project? If “Yes”, provide more information in the space below: <u>N/A</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Are there any resurfacing areas where incidental milling will be required to make a suitable tie back to the existing pavement? If “Yes”, estimate quantity in the space below: 1600 SY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Do you want Final Surface Testing performed on this project? Click here to provide additional information.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Right of Way

Which method of clearing is to be used? If “Other”, please specify in the space below: Click here to provide additional information.	<u>Method III</u>
Are there trees which are to be preserved on field inspection prints. (Article 200-3) If “Yes”, show on field inspection prints or provide locations in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there areas in the Right-of-Way that are not to be cleared? If “Yes”, show on field inspection prints or provide locations below: Method III	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
What type of Right of Way marker installation is recommended for this project? NOTE: State forces place iron pin and caps as right of way markers. Placement of concrete/granite right of way markers shall be placed by contract. Click here to provide additional information.	<u>Concrete/Granite Markers by contract</u>

Traffic Operations

Is the Division aware of any traffic generating events that would require special design considerations and traffic control planning? If “Yes”, provide the events below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there any locations where a non-gating impact attenuator should be specified (temporary detours, temporary traffic pattern, etc) that the completed project would only require a gating device? If “Yes”, provide the locations in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Have traffic maintenance and constructability issues been reviewed to ensure they will have no bearings on the permit status? If there are any potential conflicts with the permit status, list them in the space below: Click here to provide additional information.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Are any street signs and markers to be removed and stockpiled by the Contractor? If "Yes", provide the locations in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there any signing and/or pavement marking to be performed by force account? If "Yes", notify the Division Traffic Engineer who will furnish a cost estimate to the Roadway Design Unit. Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is a \$250 penalty ordinance and/or speed reduction ordinance recommended? Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is a towing ordinance recommended? If "Yes", provide areas of concern in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Has any development occurred recently to influence the project traffic volumes? If "Yes", advise what the impact is so that geometrics and pavement design can reflect the change in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What will be the probable posted speed limit for this project? Click here to provide additional information.	<u>35</u>
In addition to portable changeable message signs (per each), is there a need for <i>short term</i> portable changeable message signs (for road closures, girder delivery, etc)? If "Yes", estimate the number of days in the space below: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Temporary Shoring

Is Temporary Shoring for the maintenance of traffic required on this project? (Shoring required to maintain traffic is defined as shoring necessary to provide lateral support to the side of an excavation or embankment parallel to an open travelway when a theoretical 2:1 or steeper slope from the bottom of the excavation or embankment intersects the existing ground line closer than 5 feet (1.5m) from the edge of pavement of the open travelway.) List probable locations of this temporary shoring: Click here to provide additional information.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Miscellaneous Comments

[Click here to provide additional information.](#)