Section 215

steps, chimneys, column footings, other footings, foundation slabs, basements or other foundation components.

Do not disturb any fencing, outbuilding or other obstruction that are entirely clear of the right of way unless otherwise indicated in the plans or in the contract.

Conform to all applicable safety codes pertaining to the work, secure all permits that may be required and pay all fees in connection therewith.

210-3 UTILITIES

Make all necessary arrangements with utility companies for the disconnecting of all services and the removal of and recovery by them of all meters, telephones and any other utility facilities or equipment owned by them. Arrange for and actually effect the disconnecting and closing of water and sewer connections to buildings, including but not limited to any work that shall be done in addition to that normally done by the utility company, in conformity with all applicable codes and regulations of the local Boards of Health. Pay for all costs incurred in connection with the above work. All refunds or deposits that may become due as a result of the disconnection of service and the returning of equipment or facilities to any utility company become the property of the Department.

210-4 DISPOSAL

Unless otherwise indicated in the contract, all materials recovered during demolition become the property of the Contractor to remove from the project. Disposal by burning is permitted, subject to all other applicable sections of these Standard Specifications and all State and local ordinances.

Dispose of materials and debris in accordance with Section 802.

210-5 MEASUREMENT AND PAYMENT

There will be no direct payment for demolishing the buildings and appurtenances listed in the contract. Payment for this work will be included in the contract lump sum price for Clearing and Grubbing in accordance with Article 200-8.

Where underground storage tanks are indicated, there will be no direct payment for the closure or assessment, as payment at the contract lump sum price for Clearing and Grubbing will be full compensation for all costs of such closure or assessment.

As an exception to the above, when the description of the work covered by a particular building demolition item does not contain information concerning the presence of asbestos material or underground storage tanks and the asbestos material or underground storage tanks are discovered after the opening of bids for the project, the Engineer may have the work performed by others or the cost of removal and disposal of such asbestos material or underground storage tanks will be paid in accordance with Article 104-7.

SECTION 215

REMOVAL OF EXISTING BUILDINGS

215-1 DESCRIPTION

Remove and dispose of all buildings, building components and appurtenances indicated in the contract.

215-2 CONSTRUCTION METHODS

Buildings may be removed intact, removed in sections or demolished. Dispose of resulting material and debris. All materials resulting from the removal of buildings, except such materials as may be the property of utility companies providing service to the building, become the property of the Contractor to dispose of or use or sell by him as his own property.
Section 215

Provide all permits and dispose of all contaminated material encountered in connection with the work. Before removal of any building, comply with the notification requirements of 40 CFR Part 61, Subpart M that applies to asbestos. Give notification to the North Carolina Department of Health and Human Services, Division of Public Health Epidemiology Branch and/or the appropriate county agency when the county performs enforcement of the Federal Regulation. Submit a copy of the notification to the Engineer before the building removal.

Perform removal and disposal of asbestos in accordance with 40 CFR. Comply with all Federal, State and local regulations when performing building removal; asbestos removal and disposal; and UST removal and contaminated material disposal. Any fines resulting from violations of any regulation are the sole responsibility of the Contractor and the Contractor agrees to indemnify and hold harmless the Department against any assessment of such fines.

The Department will perform asbestos assessments and abatement for building items identified in the contract. Copies of this report may be obtained through the Division Right-of-Way Agent. When a building has had or will have asbestos removed and the Contractor elects to remove the building such that it becomes a public area, the Contractor is responsible for any additional costs incurred including final air monitoring.

Before removal of a regulated UST, comply with the notification requirements of 40 CFR Part 280.71(a). Notification is not required if the tank is unregulated. Give notification to the appropriate regional office of NCDEQ, Division of Waste Management, UST Section. Submit a copy of the notification to the Engineer before the removal of the UST.

Permanently close UST systems by removal and disposal in compliance with the regulations set forth in 40 CFR Part 280.71 and 15A NCAC 2N and any applicable local regulations. Assess UST sites at closure for the presence of contamination as required in 15A NCAC 2N .0803 and as directed by the appropriate Regional Office of the Division of Waste Management. Remove and dispose of UST systems and contents in a safe manner in conformance with American Petroleum Institute Bulletin 1604, Removal and Disposal of Used Underground Petroleum Storage Tanks, Chapters 3 through 6. As an exception to these requirements, the filling of the tank with water as a means of expelling vapors from the tank as described in Section 4.2.6.1 of American Petroleum Institute Bulletin 1604, will not be allowed. Disposition of any contaminated material associated with UST will be made in accordance with Article 107-25.

Completely clear from the right of way all buildings, including sheds, outbuildings or other obstructions as indicated in the contract. Remove all shelters, porches, roofed areas and other appurtenances that are attached to the building. Remove steps, chimneys, column footings, other footings, foundation slabs, basements or other foundation components shall be removed.

Do not disturb any fencing, outbuildings or other obstruction, that is entirely clear of the right of way unless otherwise indicated in the plans or in the contract.

Conform to all applicable safety codes pertaining to the work and secure all permits that may be required and pay all fees in connection therewith.

215-3 UTILITIES

Make all necessary arrangements with utility companies for the disconnecting of service and the removal of and recovery by them of all meters, telephones or any other utility facilities or equipment owned by them. Arrange for and effect the disconnecting and closing of water and sewer connections to the buildings, including but not limited to any work that shall be done in addition to that normally done by the utility company, in conformity with all applicable codes and regulations of the local Boards of Health. Pay for all costs incurred in connection with the above work. All refunds or deposits that may become due as a result of the disconnection of service and the returning of equipment or facilities to any utility company becomes the property of the Department.
Section 220

215-4 DISPOSAL

Unless otherwise indicated in the contract, all materials recovered during demolition become
the property of the Contractor to remove from the project. Disposal by burning is permitted,
subject to applicable sections of the Standard Specifications, State and local ordinances.

Dispose of materials and debris in accordance with Section 802.

215-5 MEASUREMENT AND PAYMENT

There will be no direct payment for removing the buildings listed in the contract. Payment for
this work will be included in the contract lump sum price for Clearing and Grubbing.

Where underground storage tanks are indicated in the contract, there will be no direct
payment for the assessment or closure. Payment for this work will be included in the contract
lump sum price for Clearing and Grubbing.

As an exception to the above, when the description of the work covered by a particular
building removal item does not contain information concerning the presence of asbestos
material or UST and the asbestos material or UST are discovered after the opening of bids, the
Engineer may have the work performed by others or the cost of removal and disposal of such
asbestos material or UST will be paid in accordance with Article 104-7.

SECTION 220

BLASTING

220-1 DESCRIPTION

Use blasting as needed to excavate, break up or remove rock, construct stable rock cut slopes
and for other approved reasons. This section applies to all types of blasting including
production, controlled, pre-split, trim, trench and secondary blasting except blasting adjacent
to highway structures. See Article 410-9 for blasting adjacent to highway structures. Unless
required otherwise in the contract, design blasts for the vibration and air overpressure limits in
this section. Pre-split rock cuts at locations shown on the plans and as directed. Provide
blasting plans, blast monitoring and post-blast reports as necessary or required. Perform
blasting in accordance with the contract, accepted submittals and as directed. Use
a prequalified Blasting Contractor for blasting.

220-2 MATERIALS

Refer to Division 10.

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<td>Coarse Aggregate</td>
<td>1005</td>
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Use coarse aggregate (standard size No. 67 or 78M) for stemming.

220-3 CONSTRUCTION METHODS

Notify the Engineer and all occupants and owners of residences, businesses and utilities near
where blasting will occur of the intention to use explosives. Inform the Engineer, occupants
and owners of blasting at least 48 hours before each blast. When blasting in the vicinity of
an open travel way, provide traffic control in accordance with the contract and Section 1101.

Control blasting to avoid endangering lives or damaging property. The Contractor is
responsible for any injuries and damages due to blasting in accordance with Article 107-11
except for damage to wells and springs, unless the Contractor did not use reasonable care to
prevent such damage. Exercise the utmost care when blasting near sensitive environmental or
populated areas, urban or sensitive communities or historical structures. Comply with all the
latest applicable Federal, State and local codes, laws and regulations, as well as professional
society standards for the storage, transportation and use of explosives. Keep a copy of all
regulations on site and in case of conflict, the more stringent applies.