

Chapter 9 – Design Guides

9.7 AGENCY SPECIFIC STANDARDS AND REQUIREMENTS

9.7.7 DEPARTMENT OF TRANSPORTATION (DOT)

A. DOT GENERAL INFORMATION

1. [DOT Mission Statement](#)
2. [Regional Offices Information](#)
3. [For more information relating to DOT](#)
4. DOT Facility Planner Contact – Rick McKeon, Facilities Engineer, NYS Dept of Transportation 50 Wolf Road (Pod 51), Albany, NY 12232, (518) 457-6912, rick.mckeon@dot.ny.gov.

B. RAPID RESPONSE CONTRACTS (see [Chapter 3 Types of Contracts](#))

1. E Projects
2. M Projects
3. JOCS Projects:
 - a. The Business Unit generally determines which projects to send to the Job Order Contracting (JOCS) program. This may occur at the OGS Team Leader meeting, at the Workload Planning meeting, or by the OGS Team Leader during design. DOT needs assurance that they can track JOCS projects and that an accelerated schedule considers other work occurring at the facility, etc.
 - b. Call the DOT Facility Planner with an explanation that the project is a good candidate for the JOCS program. The OGS Team Leader should follow up conversation with e-mail confirming discussion with brief reasons why JOCS is the way to proceed with the particular project.
4. Tank Removal Program

C. PROGRAM PHASE

- 1. State Records and Documentation:
 - a. DOT Facility Aerial Photographs
 - b. DOT Facility Surveys
 - c. DOT Facility Key Plot Plans
 - d. CCPS
 - e. Plan file room
 - f. Electronic Plan File Room: V:\DesignAndConstr\Common\PlanFile\DOT

D. DESIGN PHASE

- 1. Specification Sections:
 - a. **Construction:**
 - 002217 Supplementary Instructions to Bidders - Condition Of Award
 - 007306 Supplementary Conditions - Warranty Extension
 - 111113 Compressed Air System
 - 111124 Tire Inflator
 - 133419 Pre-Engineered Metal Building
 - 133423 Rectangular Square Salt Storage Structure
 - 133424 Dome Salt Storage Structure
 - 133425 Rectangular Tension Membrane Covered Salt Structure
 - 231323 Above Ground Fuel Storage Tanks and Fuel Systems
 - 231324 Vehicle Delivery Containment Pad
 - 444249 Oil Separator Tank
 - 444239 Grit Chamber
 - b. **Electric:**
 - 263214 Diesel-Alternator Emergency System
 - 263215 Natural Gas or Propane-Alternator Emergency System
 - c. **HVAC/Plumbing:**
 - 221120 Emergency Fixture Mixing Valves
 - 221126 Strainers Plumbing
 - 232001 Strainers HVAC
 - 221118 Backflow Preventer Plumbing
 - 232002 Backflow Preventer HVAC
 - 221122 Thermometers And Pressure Gages Plumbing
 - 232003 Thermometers And Pressure Gages HVAC
 - 220577 Floor And Area Drains
 - 231100 Liquid Fuel Piping
 - 224200 Plumbing Fixtures
 - 224713 Domestic Water Coolers
 - 224526 Combination Emergency Eye-Wash And Shower
 - 230533 Electric Heating Cable System For Water Pipes

E. FINAL

1. [BDC 188 - Operating Impact Statement](#)

F. SITE/FACILITIES REQUIREMENTS

1. Roofing:
 - a. Salt Storage Structure:
 - 1) Asphalt or fiberglass shingles typical
 - b. All other structures with pitched roofs(Discuss selection with client agency):
 - 1) Galvanized steel roofing.
 - 2) Standing seam galvanized steel roofing.
 - 3) Standing seam galvalume roofing.
 - 4) Insulated galvanized steel panel roofing.
 - c. All other structures with flat roofs:
 - 1) EPDM membrane roofing (white or black)
 - 2) Modified bitumen roofing

2. Reload Station:
 - a. Salt Storage Structure:
 - 1) Cover-All-Cloth Structure
 - 2) AST –Wood Structure
 - 3) Dome w/salt conveyor - Wood w/concrete wall structure
 - b. Refueling/Containment System:
 - 1) Highland Tanks/Containment Corp.

3. Sub headquarters Facility:
 - a. Sub Headquarters Structure
 - b. Masonry Office Wing/Pre-Engineered Metal Bldg.
 - c. Salt Storage Structure:
 - 1) Cover-All-Cloth Structure
 - 2) AST –Wood Structure
 - 3) Dome w/salt conveyor-Wood w/concrete wall Structure
 - d. Refueling/Containment System:
 - 1) Highland Tanks/Containment Corp.
 - e. Oil/Water Separator System:
 - 1) EcoSep
 - f. 30 KW Generator:
 - 1) Diesel
 - 2) Natural Gas / Propane

4. Maintenance Headquarters Facility:
 - a. Maintenance Headquarters Structure
 - 1) Masonry Office Wing/Pre-Engineered Metal Bldg.
 - 2) Vehicle Lifts
 - 3) Wash Bays
 - 4) Mechanic's Bay

