Project Description:
The building is approximately 120’ tall in downtown Nashville, TN. Due to the height of the building safety was a constant concern. Safety meetings were held each morning to go over the details of what was expected.

The building was being completely renovated so there were consistently other trades to work around. Overspray was also a great concern because of the high winds at that level, other large buildings with windows and the high volume of traffic due to the downtown locations. The crew had to work inside wind screens at all times.

At the roof there were five separate roof levels. Existing epdm and built-up roofs had to be torn down to the metal and concrete deck. Most of the metal decking had to be replaced. Due to the location of the building there were no suitable set up areas on the ground level without closing down major roadways. The only set up area that would work was at the top of the parking garage. Because of the height restriction of the parking garage the foam unit had to be mounted on the front of a flatbed trailer in order to get it to the top of the parking garage. Some tear off had to come down 2 and 3 levels to get it to the top level of the parking garage. Then the tear off was taken to the ground level with a fork lift and dumped.

Benefits of using Foam:
The roof had to be complete within 30 days of the start date. We were complete in two weeks.

Because of the spray on foam no cranes were necessary to lift materials to the roof. The existing decking was completely flat in most areas. With the polyurethane foam we were able to spray the necessary slope to assure the roof drained properly. We were also able to spray the foam up and on top of the parapet walls. This eliminated the cost of installing metal coping and gave the owner a completely seamless system from the roof to the top of the wall.