

<b>Project Name:</b>	Finley Stadium
<b>Engineer:</b>	Betz Engineering, Chattanooga, TN
<b>Contractor:</b>	Kitsmiller Paving, Chattanooga, TN
<b>Ready Mixed Concrete Supplier:</b>	Vulcan Materials
<b>Project Location:</b>	Chattanooga, TN
<b>Year Completed:</b>	1997

This project is a municipal parking in which the pervious concrete was placed adjacent to conventional pavement to extend an existing parking area. The lot is in daily use, with occasional weekend use for football games and special events. The pervious concrete is 4" thick and has a total volume of 2,000 cubic yards. It was placed over a #57 gravel base, which had a perforated PVC pipe in the subgrade to capture all water and divert to storage and use in watering the football field. The gravel base was placed over a geo-textile fabric, which rested on top of dirt. The location undergoes on an average about 50 cycles/year. However, the climate is not a hard freeze, as the average daily temperature does not drop below the freezing point very often. There is precipitation during winter so the location is considered a wet freeze. There is no annual maintenance and the current performance is good with minimal if any clogging, minimal raveling. The pavement is still sound and in good condition. The mix design involved 400 lbs of cement, 2700 lbs of #67 stone and a w/cm of 0.43 with a retarder of 28 oz/yd<sup>3</sup>.