

Veterans' Glass City Skyway

Maumee River Crossing, Toledo, Ohio

Designing effective erection systems

owner.... *Ohio Department of
..... Transportation*
client.... *Fru-Con Construction*

SOMERSET designed an under-slung launching girder system for these pre-cast segmental approach viaducts. The girder's total length was 96m, consisting of a 50m main span with 23m nose and tail sections. Each girder weighed 200T

SOMERSET also designed temporary support towers in the river for the main span and traveling derricks for the segment erection



Under-slung launching girders are supported on suspended pier brackets over a maximum span of 50 metres



Launching girders supported on shoring towers in the river. A traveling derrick erected the precast concrete segments