North Main Street Bridge over the Cuyahoga River Replacement Project

SFN 7730306, AKR 008 0908

Proposed Project Scope

The alternative recommended by the Summit County Engineer’s office would replace the existing structure with a completely new structure as soon as practical, which is assumed to be ten years.

The all-new structure would be on an offset alignment to allow the existing structure to carry

traffic while the new structure is built. There would be minimal disruption to traffic during

construction. Additional right of way would be needed to construct the new structure.

The new structure would carry four lanes of traffic and two sidewalks. The new structure is

estimated to be a continuous weathering steel beam type structure composite with a reinforced

concrete deck on reinforced concrete piers and abutments founded in rock.

The new superstructure would be not be fracture critical, saving on future inspection and

maintenance costs.