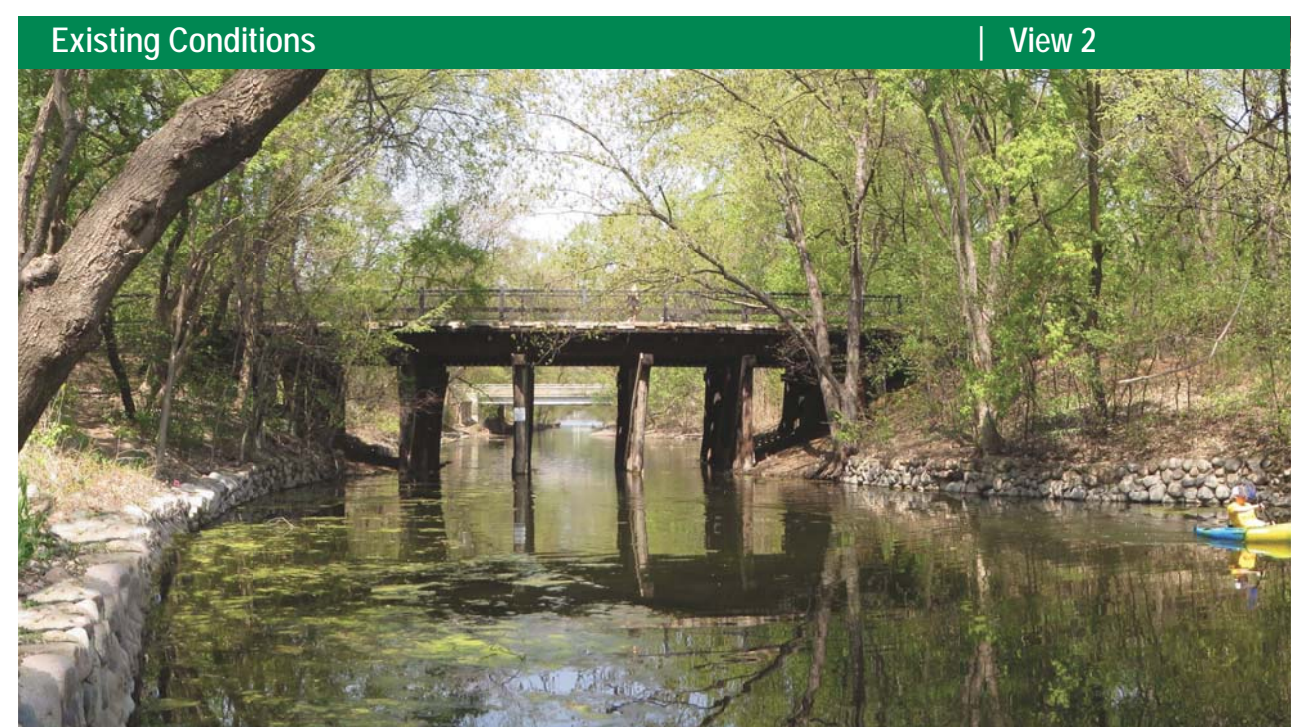
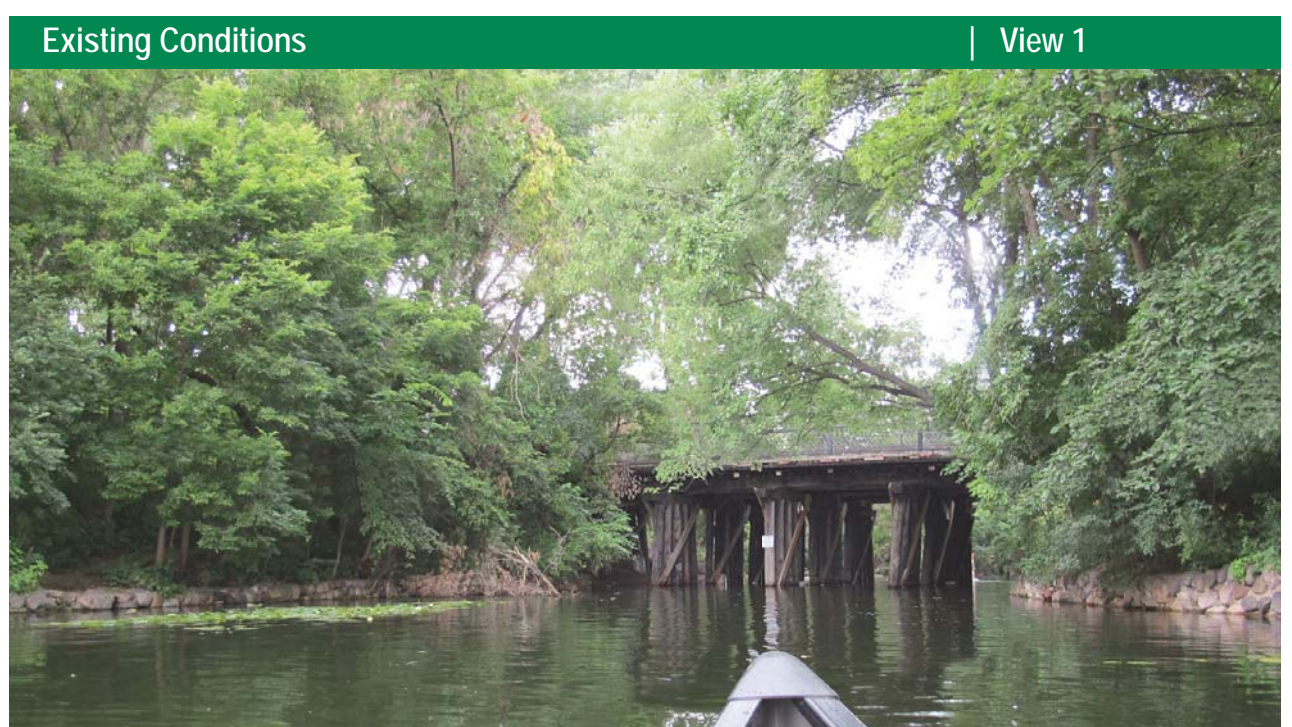


Kenilworth Bridge Design

AUGUST 2015

EXISTING CONDITIONS

FREIGHT BRIDGE: WOOD PILES
LRT BRIDGE: N/A
TRAIL BRIDGE: WOOD PILE



COMBINATION DESIGN 1

FREIGHT BRIDGE: 5-SPAN CONCRETE THIN DECK
LRT BRIDGE: SINGLE-SPAN CONCRETE ARCH
TRAIL BRIDGE: SINGLE-SPAN CONCRETE ARCH



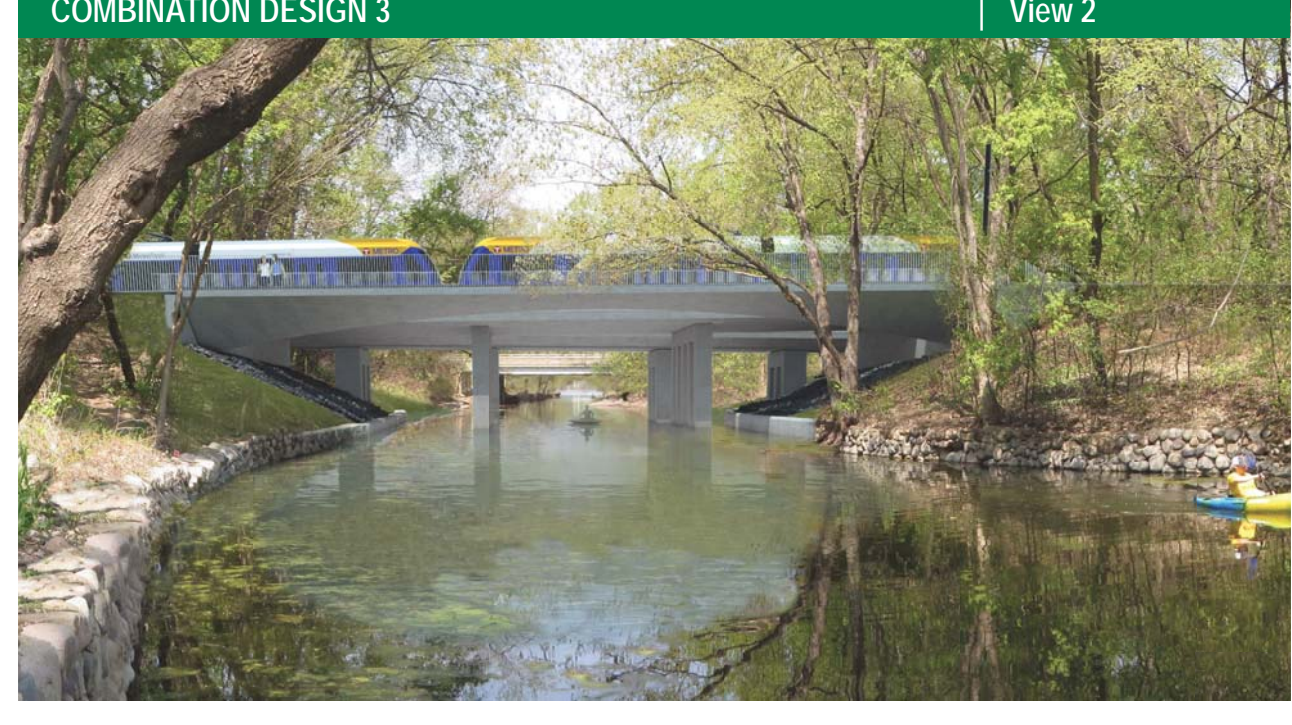
COMBINATION DESIGN 2

FREIGHT BRIDGE: 5-SPAN CONCRETE THIN DECK
LRT BRIDGE: 3-SPAN CONCRETE THIN DECK
TRAIL BRIDGE: SINGLE-SPAN ANGULAR STEEL BOX BEAM



COMBINATION DESIGN 3

FREIGHT BRIDGE: 5-SPAN CONCRETE THIN DECK
BRIDGE: 3-SPAN CONCRETE THIN DECK
TRAIL BRIDGE: SINGLE-SPAN CONCRETE ARCH



Existing Conditions | View 3



Existing Conditions | View 4 (under)



Existing Conditions | View 5



COMBINATION DESIGN 1 | View 3



COMBINATION DESIGN 1 | View 4 (under)



COMBINATION DESIGN 1 | View 5



COMBINATION DESIGN 2 | View 3



COMBINATION DESIGN 2 | View 4 (under)



COMBINATION DESIGN 2 | View 5



COMBINATION DESIGN 3 | View 3



COMBINATION DESIGN 3 | View 4 (under)



COMBINATION DESIGN 3 | View 5

