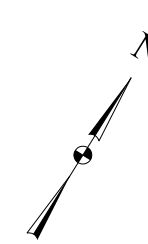
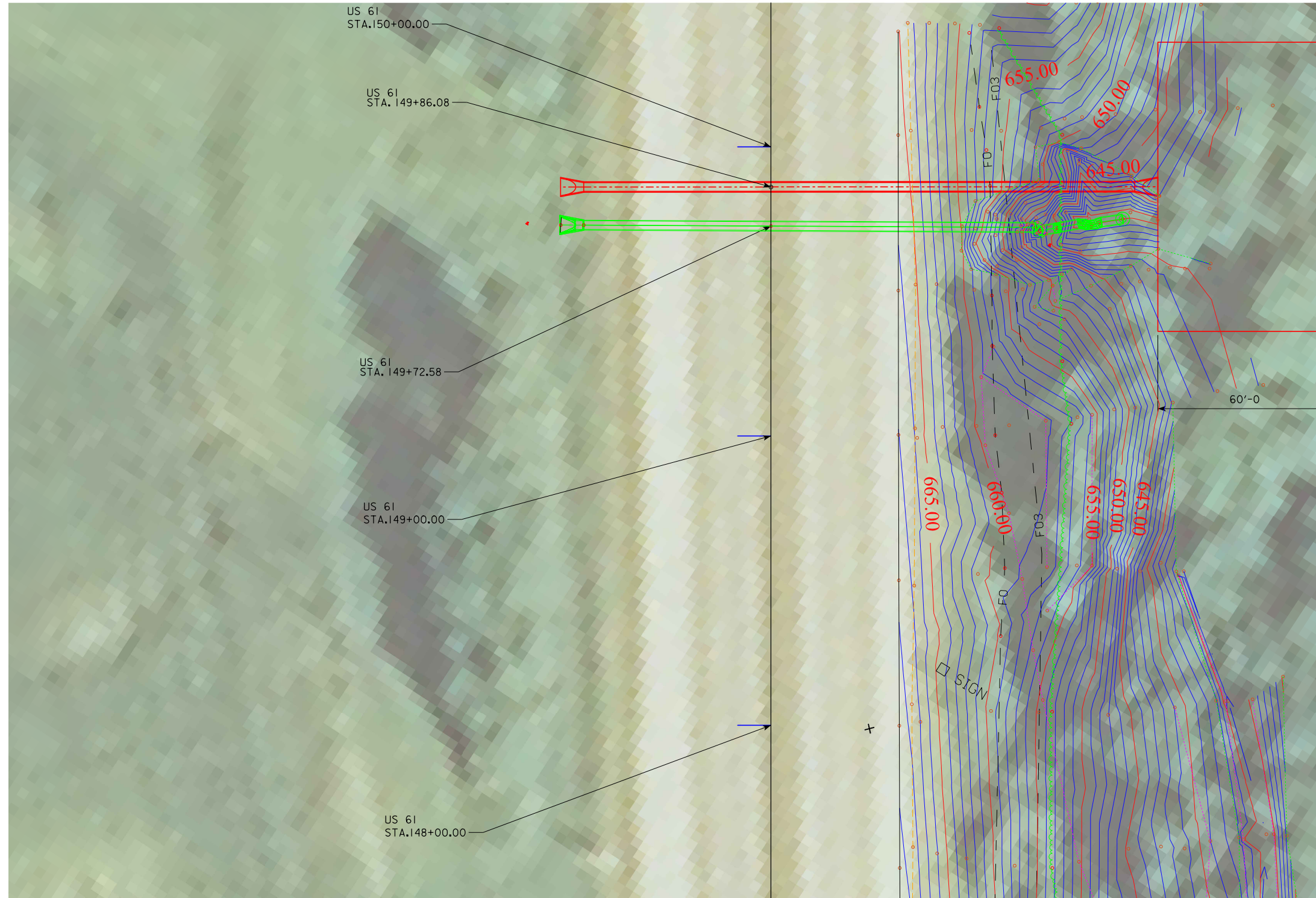


LONGITUDINAL SECTION ALONG CULVERT



HYDRAULIC DATA
 DRAINAGE AREA = 11.5 ACRES H
 Q₅₀ = 38 CFS



SITUATION PLAN

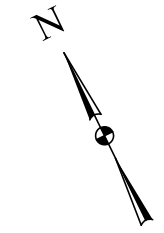
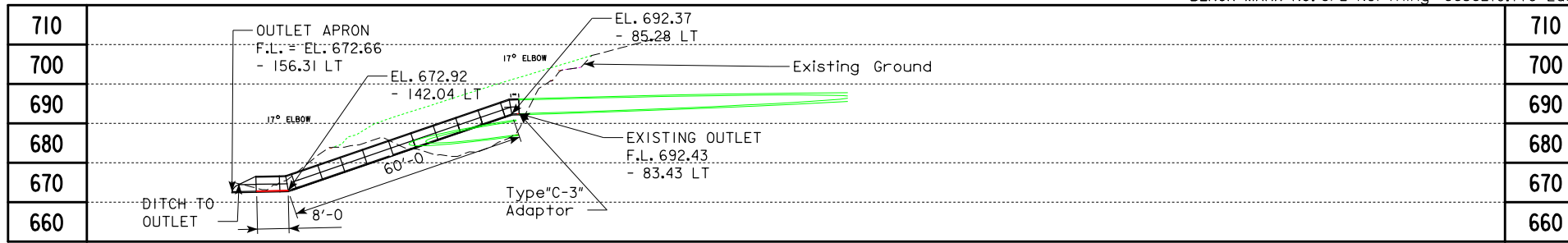
UTILITIES LEGEND:
 - F0 - Centurylink - Quality D
 - F02 - Aureon - Quality D
 - F03 - Windstream - Quality D

LOCATION
 T-71N R-2W
 SECTION 33
 BLOOMINGTON TOWNSHIP
 MUSCATINE COUNTY
 LATITUDE 41.4322050°
 LONGITUDE -091.0903542°

PRELIMINARY

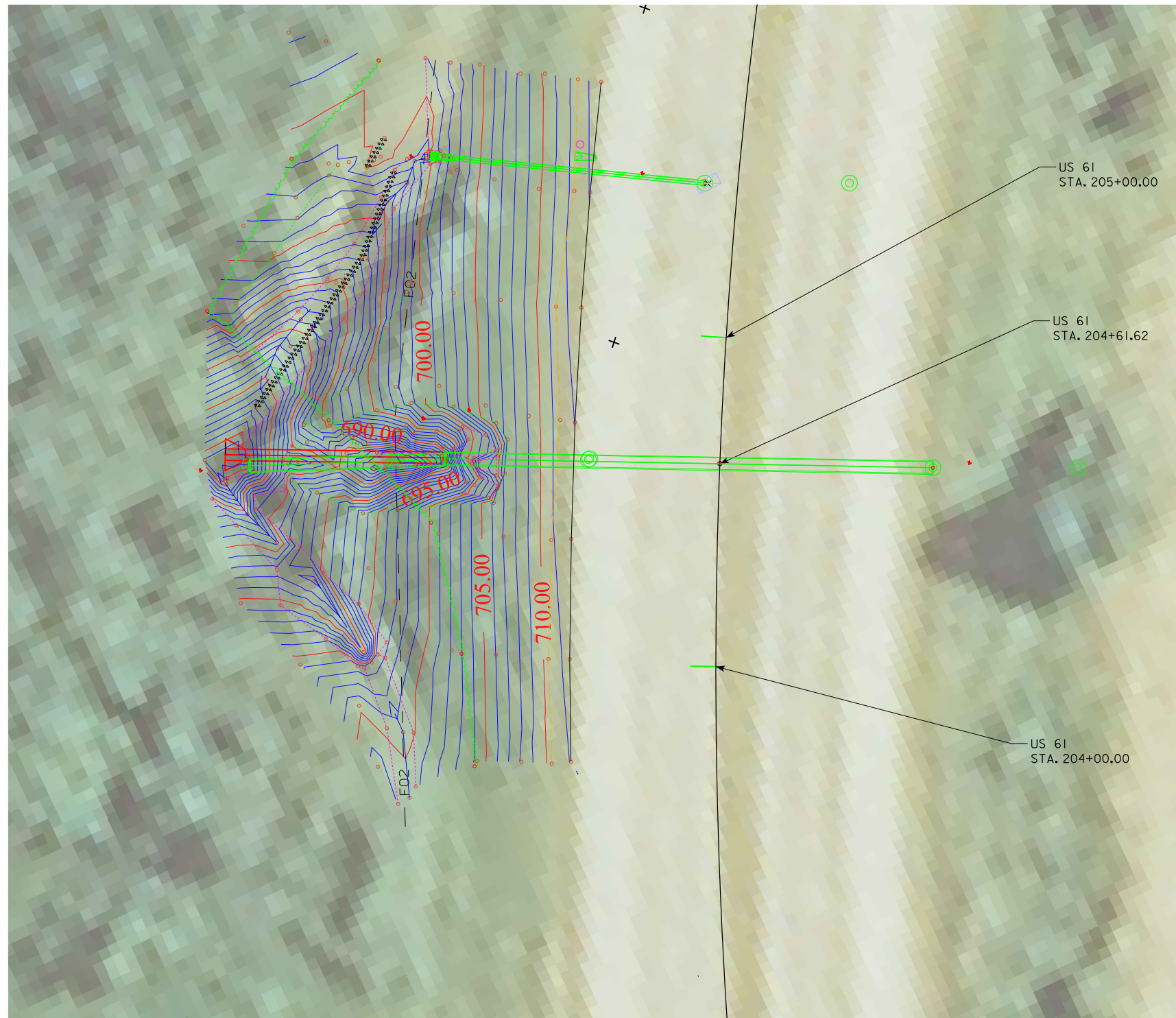
**36" REINFORCED
 CONCRETE PIPE CULVERT**

SITUATION PLAN
 STATION 149+86.08
MUSCATINE COUNTY
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 DESIGN SHEET NO. OF 1 FILE NO. 31910 DESIGN NO. 0



LONGITUDINAL SECTION ALONG ϕ CULVERT

HYDRAULIC DATA
 DRAINAGE AREA = 24 ACRES R
 Q₅₀ = 50.0 CFS



UTILITIES LEGEND:
 - F01 --- Centurylink - Quality D
 - F02 --- Aureon - Quality D
 - F03 --- Windstream - Quality D

LOCATION
 T-71N R-2W
 SECTION 28
 BLOOMINGTON TOWNSHIP
 MUSCATINE COUNTY
 LATITUDE 41.4468134°
 LONGITUDE -091.0909341°

SITUATION PLAN

PRELIMINARY

**42" REINFORCED
 CONCRETE PIPE CULVERT
 WITH 42" HDPE LETDOWN
 SITUATION PLAN**

STATION 204+61.62
MUSCATINE COUNTY
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 DESIGN SHEET NO. OF 1 FILE NO. 31910 DESIGN NO. 0