

BT40-GD1-04	INDEX OF SHEETS
BT40-GD2-04	GENERAL NOTES: ALL SKEWS, ALL SPANS; GENERAL CONSIDERATIONS, SPECIFICATIONS, AND DESIGN STRESSES
BT40-GD3-04	GENERAL NOTES: ALL SKEWS, ALL SPANS; CONCRETE RUSTICATION NOTES, AND CONCRETE SEALER COATING NOTES
BT40-SL1-04	SUBSTRUCTURE LAYOUTS: ALL SKEWS, ALL SPANS
BT40-AB1-04	INTEGRAL ABUTMENT DETAILS FOR 0° SKEW: ALL SPANS; REAR ELEVATION, ABUTMENT DETAILS, ABUTMENT PILE PLAN, AND PILE SPACING
BT40-AB2-04	MASKWALL DETAILS FOR 0° SKEW: ALL SPANS; ELEVATION AT ABUTMENT WING, ABUTMENT DETAILS, AND ABUTMENT AND MASKWALL NOTES
BT40-AB3-04	INTEGRAL ABUTMENT DETAILS FOR 5° SKEW: ALL SPANS; REAR ELEVATION, ABUTMENT DETAILS, ABUTMENT PILE PLAN, AND PILE SPACING
BT40-AB4-04	MASKWALL ABUTMENT DETAILS FOR 5° SKEW: ALL SPANS; ELEVATION AT ABUTMENT WING, ABUTMENT DETAILS, AND ABUTMENT AND MASKWALL NOTES
BT40-AB5-04	INTEGRAL ABUTMENT DETAILS FOR 10° SKEW: ALL SPANS; REAR ELEVATION, ABUTMENT DETAILS, ABUTMENT PILE PLAN, AND PILE SPACING
BT40-AB6-04	MASKWALL ABUTMENT DETAILS FOR 10° SKEW: ALL SPANS; ELEVATION AT ABUTMENT WING, ABUTMENT DETAILS, AND ABUTMENT AND MASKWALL NOTES
BT40-AB7-04	INTEGRAL ABUTMENT DETAILS FOR 15° SKEW: ALL SPANS; REAR ELEVATION, ABUTMENT DETAILS, ABUTMENT PILE PLAN, AND PILE SPACING
BT40-AB8-04	MASKWALL ABUTMENT DETAILS FOR 15° SKEW: ALL SPANS; ELEVATION AT ABUTMENT WING, ABUTMENT DETAILS, AND ABUTMENT AND MASKWALL NOTES
BT40-PR1-04	PIER DETAILS FOR 0° SKEW: ALL SPANS; PIER CAP PLAN, PIER ELEVATION, TYPICAL COLUMN SECTIONS
BT40-PR2-04	PIER DETAILS FOR 5° SKEW: ALL SPANS; PIER CAP PLAN, PIER ELEVATION, TYPICAL COLUMN SECTIONS
BT40-PR3-04	PIER DETAILS FOR 10° SKEW: ALL SPANS; PIER CAP PLAN, PIER ELEVATION, TYPICAL COLUMN SECTIONS
BT40-PR4-04	PIER DETAILS FOR 15° SKEW: ALL SPANS; PIER CAP PLAN, PIER ELEVATION, TYPICAL COLUMN SECTIONS
BT40-PR5-04	PIER FOOTING & PIER BAR LISTS: ALL SKEWS, 222'-0, 232'-0, 242'-0 SPANS; PIER FOOTING PLAN, PIER PILE INFORMATION, PIER REINFORCING BAR LISTS, BENT BAR DETAILS, ESTIMATED QUANTITIES AND PIER NOTES
BT40-PR6-04	PIER FOOTING & PIER BAR LISTS: ALL SKEWS, 252'-0, 262'-0 SPANS; PIER FOOTING PLAN, PIER PILE INFORMATION, PIER REINFORCING BAR LISTS, BENT BAR DETAILS, ESTIMATED QUANTITIES AND PIER NOTES
BT40-AS1-04	SURFACE FINISH AND AESTHETIC DETAILS: ALL SKEWS, ALL SPANS; LOCATION OF SURFACE FINISHES AND AESTHETIC DETAILS FOR ABUTMENTS AND PIER
BT40-TS1-04	TRANSVERSE SECTION: ALL SKEWS, ALL SPANS; SUPERSTRUCTURE NOTES, TYPICAL SLAB AND HAUNCH DETAILS
BT40-LS1-04	LONGITUDINAL SECTION DETAIL FOR 0° SKEW: ALL SPANS; PART PLAN, AND TOP OF PIER DETAILS
BT40-LS2-04	LONGITUDINAL SECTION DETAIL FOR 5° SKEW: ALL SPANS; PART PLAN, AND TOP OF PIER DETAILS
BT40-LS3-04	LONGITUDINAL SECTION DETAIL FOR 10° SKEW: ALL SPANS; PART PLAN, AND TOP OF PIER DETAILS
BT40-LS4-04	LONGITUDINAL SECTION DETAIL FOR 15° SKEW: ALL SPANS; PART PLAN, AND TOP OF PIER DETAILS

BT40-SA1-04	SUPERSTRUCTURE DETAILS FOR 0° SKEW, ALL SPANS : CONCRETE PLACEMENT DIAGRAM AND SLAB REINFORCING STEEL LAYOUT, TRANSVERSE SLAB CONSTRUCTION JOINT DETAIL, CONCRETE PLACEMENT QUANTITIES, GENERAL DATA, AND ESTIMATED SUPERSTRUCTURE QUANTITIES
BT40-SA2-04	SUPERSTRUCTURE DETAILS FOR 5° SKEW, ALL SPANS : CONCRETE PLACEMENT DIAGRAM AND SLAB REINFORCING STEEL LAYOUT, TRANSVERSE SLAB CONSTRUCTION JOINT DETAIL, CONCRETE PLACEMENT QUANTITIES, GENERAL DATA, AND ESTIMATED SUPERSTRUCTURE QUANTITIES
BT40-SA3-04	SUPERSTRUCTURE DETAILS FOR 10° SKEW, ALL SPANS : CONCRETE PLACEMENT DIAGRAM AND SLAB REINFORCING STEEL LAYOUT, TRANSVERSE SLAB CONSTRUCTION JOINT DETAIL, CONCRETE PLACEMENT QUANTITIES, GENERAL DATA, AND ESTIMATED SUPERSTRUCTURE QUANTITIES
BT40-SA4-04	SUPERSTRUCTURE DETAILS FOR 15° SKEW, ALL SPANS : CONCRETE PLACEMENT DIAGRAM AND SLAB REINFORCING STEEL LAYOUT, TRANSVERSE SLAB CONSTRUCTION JOINT DETAIL, CONCRETE PLACEMENT QUANTITIES, GENERAL DATA, AND ESTIMATED SUPERSTRUCTURE QUANTITIES
BT40-SA5-04	SUPERSTRUCTURE & ABUTMENTS BAR LISTS FOR 0° SKEW: ALL SPANS; REINFORCING BAR LISTS AND BENT BAR DETAILS
BT40-SA6-04	SUPERSTRUCTURE & ABUTMENTS BAR LISTS FOR 5° SKEW: ALL SPANS; REINFORCING BAR LISTS AND BENT BAR DETAILS
BT40-SA7-04	SUPERSTRUCTURE & ABUTMENTS BAR LISTS FOR 10° SKEW: ALL SPANS; REINFORCING BAR LISTS AND BENT BAR DETAILS
BT40-SA8-04	SUPERSTRUCTURE & ABUTMENTS BAR LISTS FOR 15° SKEW: ALL SPANS; REINFORCING BAR LISTS AND BENT BAR DETAILS
BT40-SD1-04	STEEL INTERMEDIATE DIAPHRAGM DETAILS: ALL SKEWS; INTERMEDIATE DIAPHRAGM SECTION AND DETAILS, SLOTTED HOLE DETAILS, STRUCTURAL STEEL LIST, AND DIAPHRAGM NOTES
BT40-SD2-04	STEEL INTERMEDIATE DIAPHRAGM DETAILS: ALL SKEWS; BEAM COIL TIE LOCATIONS, INTERMEDIATE DIAPHRAGM BOLT HOLE LOCATIONS, TABLE OF DIMENSIONS FOR INTERMEDIATE DIAPHRAGM HOLE
BT40-DB1-04	BTD BEAM DETAILS: PRETENSIONED PRESTRESSED BULB TEE D CONCRETE BEAM DETAILS
BT40-DB2-04	BTD10 BEAM DETAILS: PRETENSIONED PRESTRESSED BULB TEE D CONCRETE BEAM DETAILS
BT40-DB3-04	BTD11 BEAM DETAILS: PRETENSIONED PRESTRESSED BULB TEE D CONCRETE BEAM DETAILS
BT40-DB4-04	BTD12 BEAM DETAILS: PRETENSIONED PRESTRESSED BULB TEE D CONCRETE BEAM DETAILS
BT40-DB5-04	BTD125 BEAM DETAILS: PRETENSIONED PRESTRESSED BULB TEE D CONCRETE BEAM DETAILS
BT40-DB6-04	BTD130 BEAM DETAILS: PRETENSIONED PRESTRESSED BULB TEE D CONCRETE BEAM DETAILS
BT40-BR1-04	AESTHETIC BARRIER RAIL END SECTIONS DETAILS: ALL SKEWS, ALL SPANS; END SECTION PLAN, ELEVATION AND DETAILS, REINFORCING BAR LIST, BENT BAR DETAILS, CONCRETE PLACEMENT
BT40-BR2-04	AESTHETIC BARRIER RAIL DETAILS: ALL SKEWS, ALL SPANS; ELEVATION OF BARRIER RAIL LAYOUT, BARRIER RAIL DETAILS, BARRIER RAIL NOTES, REINFORCING BAR LIST, BENT BAR DETAILS, GENERAL DATA, AND TOTAL BARRIER RAIL CONCRETE PLACEMENT QUANTITIES
BT40-CD1-04	ELECTRICAL JUNCTION BOX AND 2" RIGID STEEL CONDUIT DETAILS
BT40-MS1-04	MACADAM STONE SLOPE PROTECTION AND SUBDRAIN DETAILS: ALL SKEWS, ALL SPANS; GRANULAR BACKFILL DETAIL
BT40-MS2-04	WING ARMORING DETAILS: ALL SKEWS, ALL SPANS; SUBDRAIN NOTES AND MACADAM STONE SLOPE PROTECTION NOTES

LATEST REVISION DATE <i>November 2, 1964</i> APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	
	STANDARD DESIGN - 40' ROADWAY, 2 SPAN BRIDGES PRETENSIONED PRESTRESSED BULB TEE CONCRETE BEAM BRIDGES	
	ALL SPANS	JULY 1, 2004
INDEX OF SHEETS		BT40-GDI-04