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### STRUCTURAL WORK LEGEND

- ① REMOVE AND REPLACE ROADWAY AND SIDEWALK OPEN GRID DECK
- ② REMOVE AND REPLACE ROADWAY AND SIDEWALK STRINGERS WITH NEW GALVANIZED STEEL MEMBERS
- ③ REMOVE AND REPLACE FLOORBEAMS WITH NEW GALVANIZED STEEL MEMBERS
- ④ REMOVE AND REPLACE TRUSS BOTTOM CHORDS AND GUSSET PLATES WITH GALVANIZED MEMBERS.
- ⑤ REMOVE, STORE, REPAIR, AND REINSTALL PEDESTRIAN RAILING.
- ⑥ CLEAN AND PAINT TRUSS, LIFTING FRAME, PEDESTRIAN RAILING AND STAIR TOWERS.
- ⑦ REMOVE AND REPLACE LIFTING FRAME AND LIFTING POSTS.
- ⑧ REMOVE AND REPLACE APPROACH SPAN STRINGERS AND CONCRETE DECK.
- ⑨ REHABILITATE STAIR TOWERS.
- ⑩ REMOVE AND REPLACE PIT ACCESS HATCHES AND PIT LADDERS.
- ⑪ REMOVE AND REPLACE BRIDGE RAIL.
- ⑫ REPLACE EXISTING CONCRETE COUNTERWEIGHTS WITH STEEL COUNTERWEIGHTS.
- ⑬ REHABILITATE CANAL AND PIT CONCRETE WALLS AND INSTALL SAFETY LADDERS AND LINES.
- ⑭ REMOVE AND REPLACE CROSSING GATE WITH FULL-WIDTH SCISSOR JOINT TYPE CROSSING GATE.
- ⑮ REMOVE AND REPLACE NAVIGATION LIGHTS.
- ⑯ REPLACE UO-L1 DIAGONAL ON EAST TRUSS WITH GALVANIZED STEEL MEMBER.

MAIN STREET BRIDGE REPAIR Details of work are at:

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MECHANICAL WORK IDENTIFICATION SCHEDULE		
MARK NO.	DESCRIPTION	REFERENCE DRAWINGS
MK1	REPLACE SPAN DRIVE MACHINERY.	ST1-M5 TO ST1-M9
MK2	REPLACE DEFLECTOR SHEAVES, OPERATING ROPES, AND OPERATING ROPE ANCHORS	ST1-M11 TO ST1-M14
MK3	REPLACE OPERATING ROD AND OPERATING ROD ROLLER ASSEMBLIES	ST1-M11 TO ST1-M14
MK4	REPLACE COUNTERWEIGHT SHEAVES, TRUNNIONS, TRUNNION BEARINGS, INDEXING SHAFT, COUNTERWEIGHT ROPES, AND COUNTERWEIGHT ROPE ANCHORS	ST1-M10, ST1-M15 TO ST1-M19
MK5	LONGITUDINAL SPAN GUIDES	ST1-M20 TO ST1-M21
MK6	TRANSVERSE SPAN GUIDES	ST1-M20, ST1-M22
MK7	MISCELLANEOUS DETAILS	ST1-M23 TO ST1-M25

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### ELECTRICAL WORK ITEMS LEGEND

- ① NORTH AND SOUTH APPROACHES - REMOVE AND REPLACE TRAFFIC WARNING GATES.
- ② CONTROL TOWER - RECALIBRATE VOLTMETER ON CONTROL CONSOLE. REMOVE AND REPLACE THE CONTROL CABINET ON THE FIRST LEVEL, INCLUDING NEW DRIVE, BRAKING RESISTOR, CIRCUIT BREAKERS, MOTOR CONTROL CENTER, BRIDGE RELAY-BASED CONTROL, AND MISCELLANEOUS EQUIPMENT. RELOCATE THE PANELBOARD AND MAIN DISCONNECT SWITCH IN THE FIRST LEVEL, AND PROVIDE GROUNDING. PROVIDE NEW CIRCUIT BREAKER AND RECEPTACLE FOR EXISTING PORTABLE GENERATOR.
- ③ EAST AND WEST BRIDGE FASCIA - REMOVE AND REPLACE ALL NAVIGATION LIGHTS AND ASSOCIATED CONDUIT AND WIRING.
- ④ LIFT SPAN TOP TRUSSES - REMOVE AND REPLACE ALL SIDEWALK LIGHTS. REMOVE AND REPLACE PULL BOXES AND WIRING ON WEST TOP TRUSS. RECONNECT FLAG SPOT LIGHT.
- ⑤ ⑥ NORTH AND SOUTH PITS - REMOVE AND REPLACE SUMP PUMPS AND CONTROLS, PROTECTIVE SHIELD, HEATING LAMPS AND TEST SWITCHES. REMOVE AND REPLACE PIT LIGHTING. REMOVE AND REPLACE DRIVE MACHINERY (SEE MECHANICAL). REMOVE AND REPLACE ALL WARNING LIGHTS AND ASSOCIATED BOXES, CONDUIT AND WIRING ON BARRIER GATES. REMOVE AND REPLACE JUNCTION BOXES, CONDUIT AND WIRING. PROVIDE LAMINATED PLASTIC NAMEPLATES FOR EXISTING MOTOR DISCONNECTS (NORTH PIT ONLY). PROVIDE GROUNDING FOR MOTOR DISCONNECT SWITCH.
- ⑦ BRIDGE - PROVIDE CCTV CAMERA SYSTEM.
- ⑧ NORTH AND SOUTH APPROACHES - REMOVE AND REPLACE TRAFFIC SIGNALS, SEE DRAWING TSP1-1
- ⑨ REPLACE EXISTING PULL BOX JB1 IN BASEMENT. REROUTE CONDUITS THROUGH NORTH WALL OF BASEMENT TO PENETRATE THROUGH NORTH PIT WALL, AND TERMINATE IN PULL BOX JB2. COORDINATE AND RESTORE GRADE INSTALLATION, SEAL ALL CONDUIT PENETRATIONS THROUGH BASEMENT AND PIT WITH NON-SHRINK GROUT, AND MAKE WATER-TIGHT. PLUG AND MAKE WATER-TIGHT ALL UN-USED HOLES.