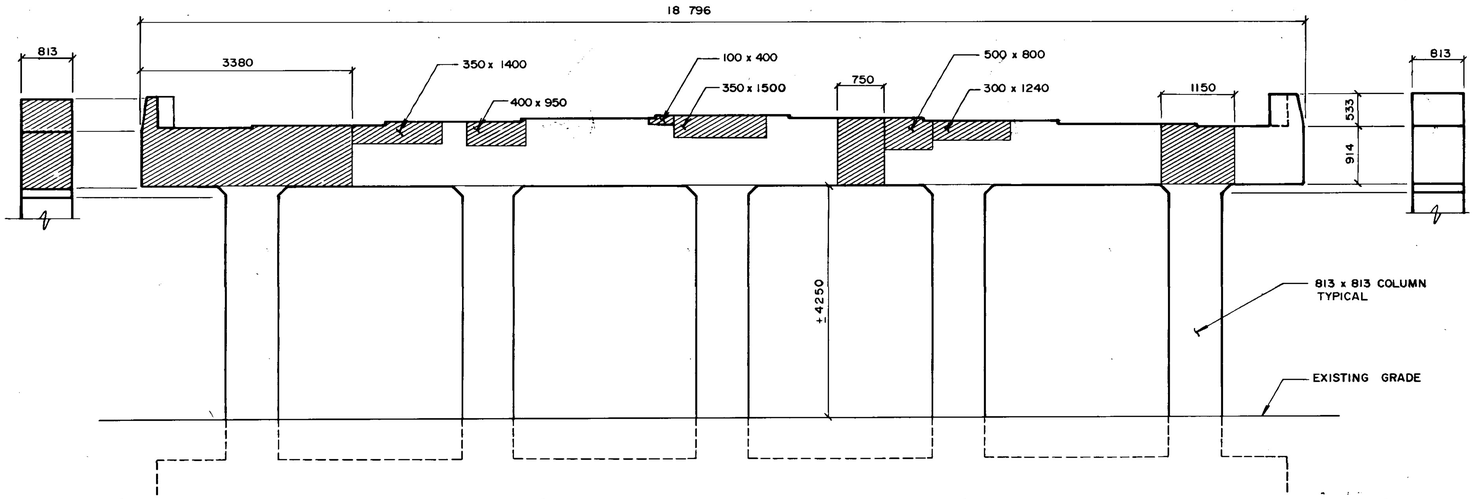
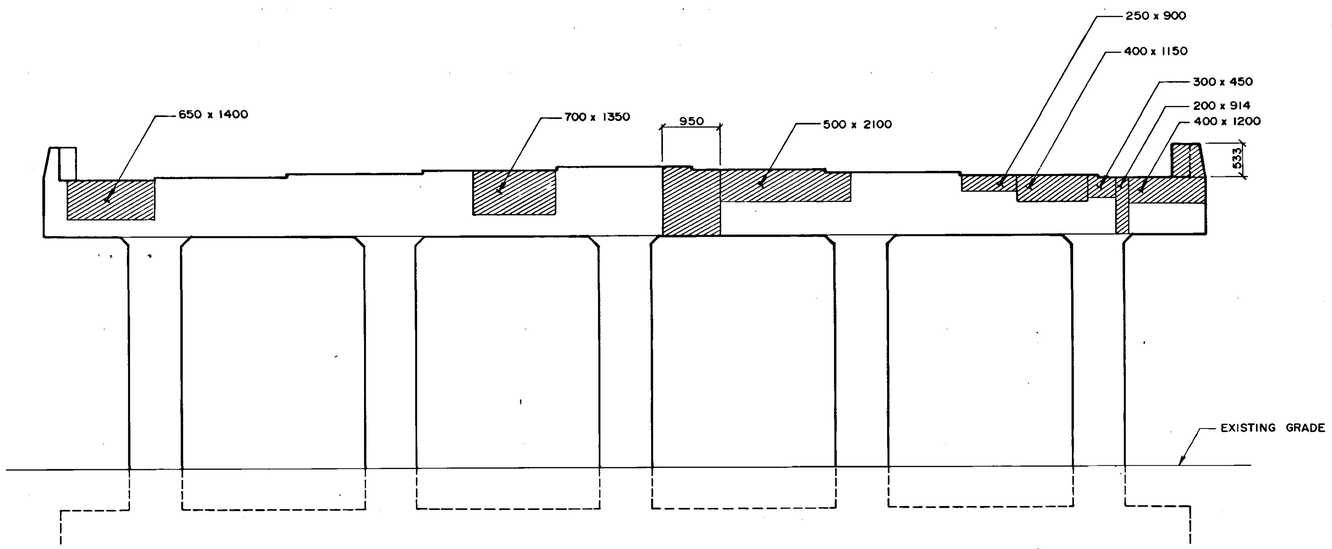
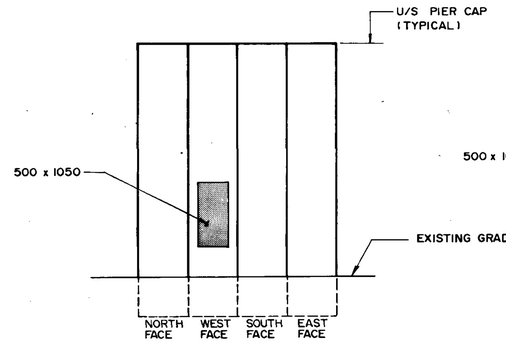


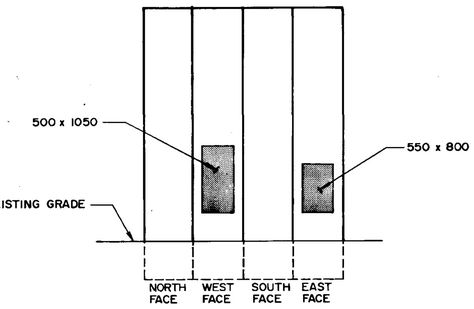
1 NORTH ELEVATION
1:50



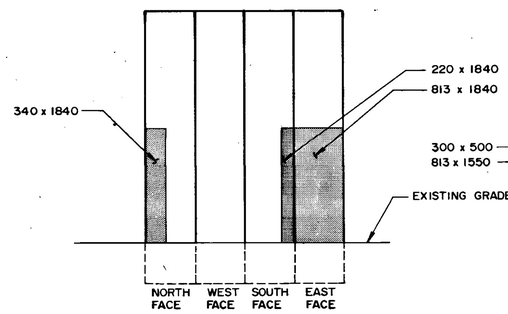
2 SOUTH ELEVATION
1:50



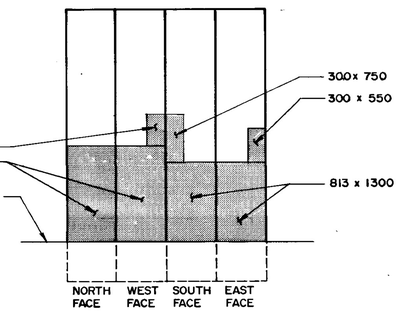
3 EAST COLUMN
1:50



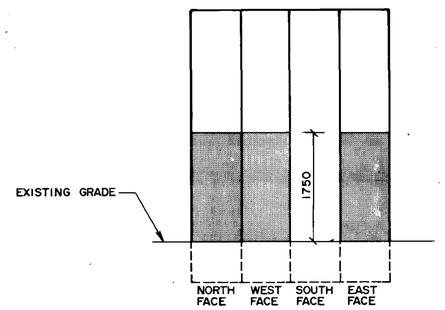
4 EAST-CENTER COLUMN
1:50



5 CENTER COLUMN
1:50



6 WEST-CENTER COLUMN
1:50



7 WEST COLUMN
1:50

LEGEND:

TYPE 1 REPAIR
- APPLY CEMENT WASH TO EXISTING SURFACE.

TYPE 2 REPAIR
- CHIP 25mm TO SOUND CONCRETE.
- SANBLAST & EPOXY COAT EXPOSED REINF.
- APPLY BONDING AGENT.
- BUILD UP SURFACE TO PREVIOUS LEVEL BY TROWELLING ON CEMENT MORTAR.

TYPE 3 REPAIR
- CHIP OFF 50mm TO SOUND CONCRETE.
- SANDBLAST & EPOXY COAT EXPOSED REINF.
- APPLY BONDING AGENT.
- INSTALL FORMWORK
- CAST CONCRETE WITH 9mm AGGREGATE

B-5903-12

AS-BUILT
DATE 91.02.26 BY
CHECKED BY

LOCATION APPROVED
UNDERGROUND STRUCTURES
N/A
SUPV U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B M ELEV

NO	REVISIONS	DATE	BY

WARDROP ENGINEERING INC.

DESIGNED BY F.C. — CHECKED BY
DRAWN BY G.I. — APPROVED BY
HOR SCALE / VERTICAL AS NOTED
DATE JANUARY 12, 1991
AUTHORIZED BY — DATE — W. NAUMKO / STREETS & BRIDGE ENGINEER
ACCEPTED BY — DATE — G.R. SMITH / BRIDGE ENGINEER

ENGINEER'S SEAL — PROVINCE OF MANITOBA — C. D. STEWART — 91/02/27 — REGISTERED ENGINEER

CONSULTANT DRAWING NO. 890007-02-00

THE CITY OF WINNIPEG
WORKS AND OPERATIONS DIVISION
STREETS AND TRANSPORTATION DEPARTMENT

EMPRESS STREET OVERPASS
STRUCTURE REHABILITATION, STRENGTHENING AND RELATED WORKS
CENTER PIER
EXPOSED CONCRETE SURFACE REPAIRS

CITY DRAWING NUMBER
B100-90-10C