APPENDIX 'O'

T.C.H. NO. 1 EAST BRIDGE OVER SEINE RIVER DECK REHABILITATION, SUPERSTRUCTURE STRENGTHENING AND RELATED WORKS (1984 RECORD DRAWINGS)



THE CITY OF WINNIPEG

WORKS AND OPERATIONS DIVISION STREETS AND TRANSPORTATION DEPARTMENT

TRANS-CANADA HIGHWAY NO. I EAST BRIDGE OVER SEINE RIVER



DECK REHABILITATION, SUPERSTRUCTURE STRENGTHENING AND RELATED WORKS

P. D. NO. 84-23

RELEASED FOR CONSTRUCTION BY:

MANAGER OF STREETS AND TRAFFIC

64 04 18

REVISED AS CONSTRUCTED

DATE SEPT. 1986 BY

CHECKED BY





THE CITY OF WINNIPEG

WORKS AND OPERATIONS DIVISION STREETS AND TRANSPORTATION DEPARTMENT

DESIGN DATA

DESIGN SPECIFICATIONS

- AASHTO 1977, 1978, 1979, 1980 & 1981 INTERIMS & CSA CAN3-S6-M78

FOR GIRDERS

LIVE LOADING

HSS 25-44 TRUCK LOADING HS25-44 LANE LOADING

f'c = 30 MPa MINIMUM

REINFORCING STEEL

- CSA G30.12 M-77 GRADE 400

STRUCTURAL STEEL

- CSA CAN3-G40.21-M8I
• NEW COVERPLATES GRADE 300 WT.
• ALL OTHER STEEL GRADE 300 W.

HIGH DENSITY CONCRETE

75 mm DECK TOPPING ON BRIDGE DECK SLAB

CLEAR COVER TO REINFORCING STEEL

- 50mm SHOULDER TRAFFIC BARRIER, APPROACH & STRUCTURAL SLABS - OTHERS AS NOTED ON THE DRAWINGS

DRAWING LIST

GENERAL

BII8-84-01

BII8 - 84 - 02 DESIGN DATA AND DRAWING LIST

GENERAL ARRANGEMENT AND LOCATION OF PROPOSED WORKS

GENERAL ELEVATION AND CROSS-SECTIONS OF EXISTING AND PROPOSED BRIDGE

DEMOLITION - PLANS AND DETAILS, DECK AND GIRDERS

NEW WORKS- PLANS AND DETAILS, DECK AND GIRDERS & MISCELLANEOUS DETAILS

EXPANSION JOINT DETAILS - MEDIAN & SHOULDER TRAFFIC BARRIER

EXPANSION JOINT DETAILS - DECK AND SIDEWALK

CONCRETE AND REINFORCING DETAILS - SHOULDER TRAFFIC BARRIER AND BACKWALLS

DETAILS OF ALUMINUM BRIDGE RAIL POSTS REINFORCING STEEL SCHEDULE

ROAD DRAWINGS

EASTBOUND AND WESTBOUND ROADWAY RECONSTRUCTION

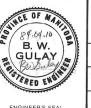
LAYOUT OF BALANCED ALUMINUM SHOULDER BARRIER AND DETAILS

BALANCED ALUMINUM SHOULDER BARRIER STANDARD DETAIL

B-5549

REVISED AS CONSTRUCTED DATE SEPT. 1986 BY C.G.

AS CONSTRUCTED







BY.04.10

THE CITY 0F WINNIPEG

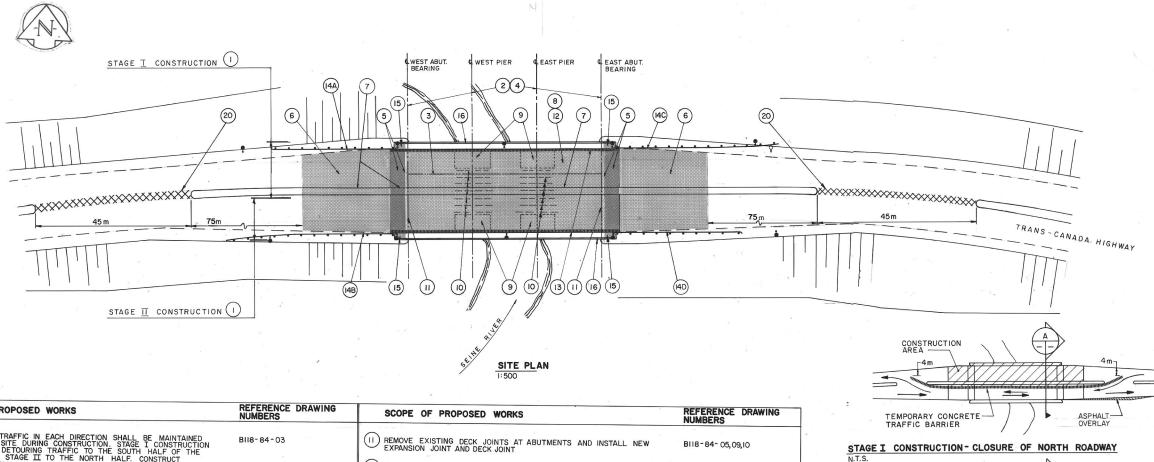
DEPARTMENT

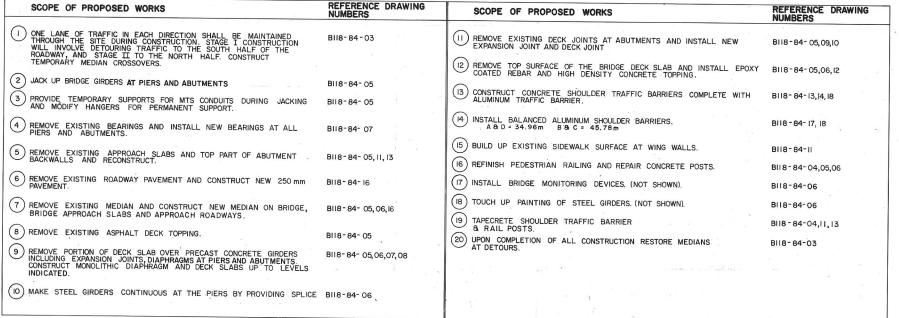
WORKS & OPERATIONS DIVISION STREETS & TRANSPORTATION

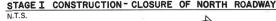
T.C.H. NO.I EAST BRIDGE OVER SEINE RIVER DECK REHABILITATION, SUPERSTRUCTURE STRENGTHENING AND RELATED WORKS

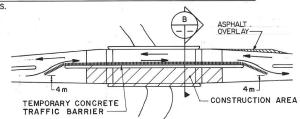
DESIGN DATA AND DRAWING LIST

AUTHORIZED BY: William los P. Eug. 1984-04-18 MAMUTA, P. Cy 1984-04 10 BRIDGE ENGINEER JOATE DRAWING NO. B118-84-02









STAGE I CONSTRUCTION- CLOSURE OF SOUTH ROADWAY N.T.S.

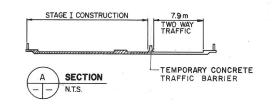
TRAFFIC CONTROL REQUIREMENTS

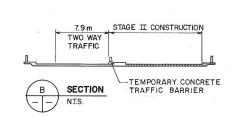
THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DEVICES IN STRICT ACCORDANCE TO THE CITY OF WINNIPEG "MANUAL OF TEMPORARY TRAFFIC CONTROL IN WORK AREAS ON CITY STREETS."

METRIC WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

B-5550

REVISED AS CONSTRUCTED DATE SEPT. 1986 BY CHECKED BY





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ASSOCIATES LTD. G CONSULTANTS
DRAWN BY:
DATE: 84-04-06
DATE: 24,04,10



THE CITY WINNIPEG

WORKS & OPERATIONS STREETS & TRANSPORTATION DEPARTMENT

T.C.H. NO.I EAST BRIDGE OVER SEINE RIVER

DECK REHABILITATION, SUPERSTRUCTURE ACCEPTED BY:

JERNALL HABILITATION, SUPERSTRUCTURE
STRENGTHENING AND RELATED WORKS

GENERAL ARRANGEMENT AND LOCATION
OF PROPOSED WORKS

AUTHORIZED BY:

JUNEAU TO JUNE 1889-04-18

ACCEPTED BY:

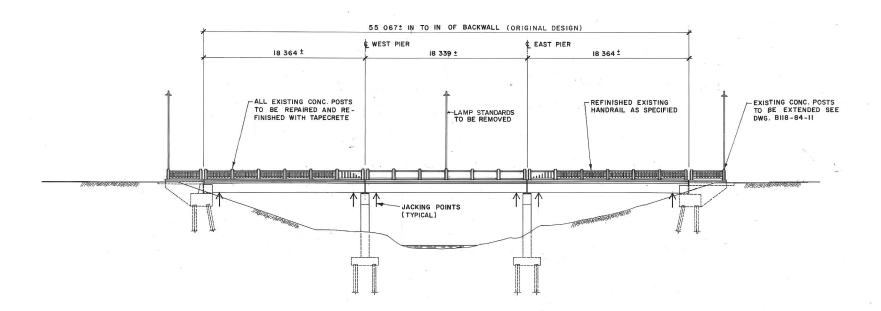
ACCEPTED BY:

JUNE 1889-04-18

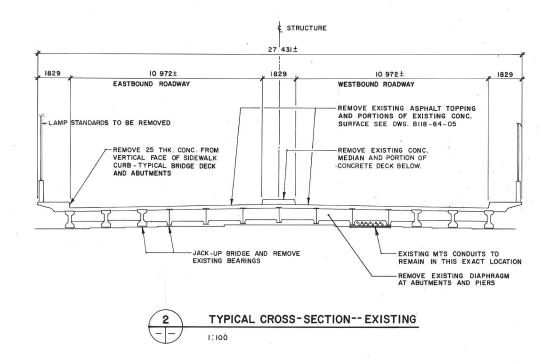
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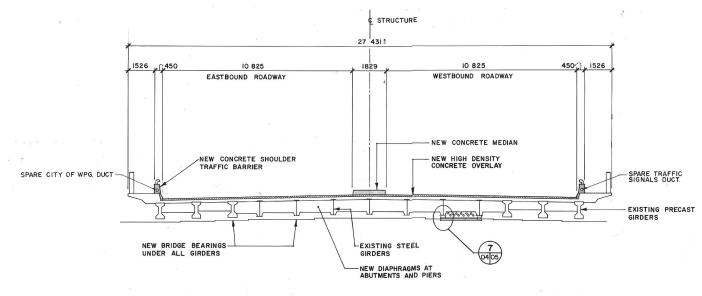
AC

SCALE: AS SHOWN DRAWING NO. B118-84-03



GENERAL ELEVATION (LOOKING NORTH) BALANCED ALUMINUM SHOULDER BARRIER NOT SHOWN





TYPICAL CROSS-SECTION--NEW WORKS

B-5551

REVISED AS CONSTRUCTED CHECKED BY

B. W. GULAY 1 AS CONSTRUCTED



	G CONSULTANTS
SIGNED BY:	DRAWN BY:
C.D.S.	КВ
ECKED BY:	DATE:
B.W.G.	84-04-06
PROVED BY: Sule	DATE:

THE CITY 0F WINNIPEG

WORKS & OPERATIONS DIVISION STREETS & TRANSPORTATION DEPARTMENT

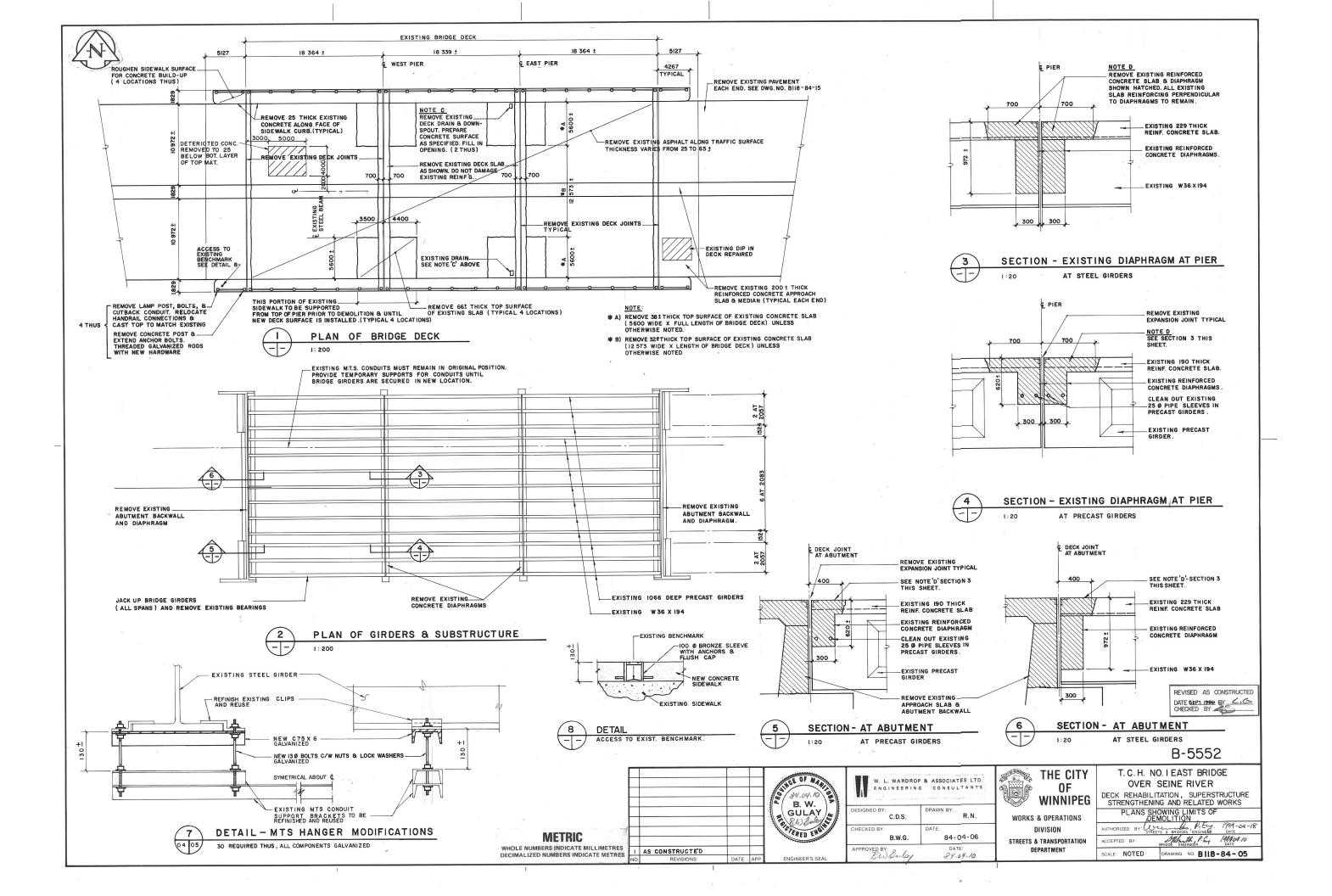
T.C.H. NO.I EAST BRIDGE OVER SEINE RIVER

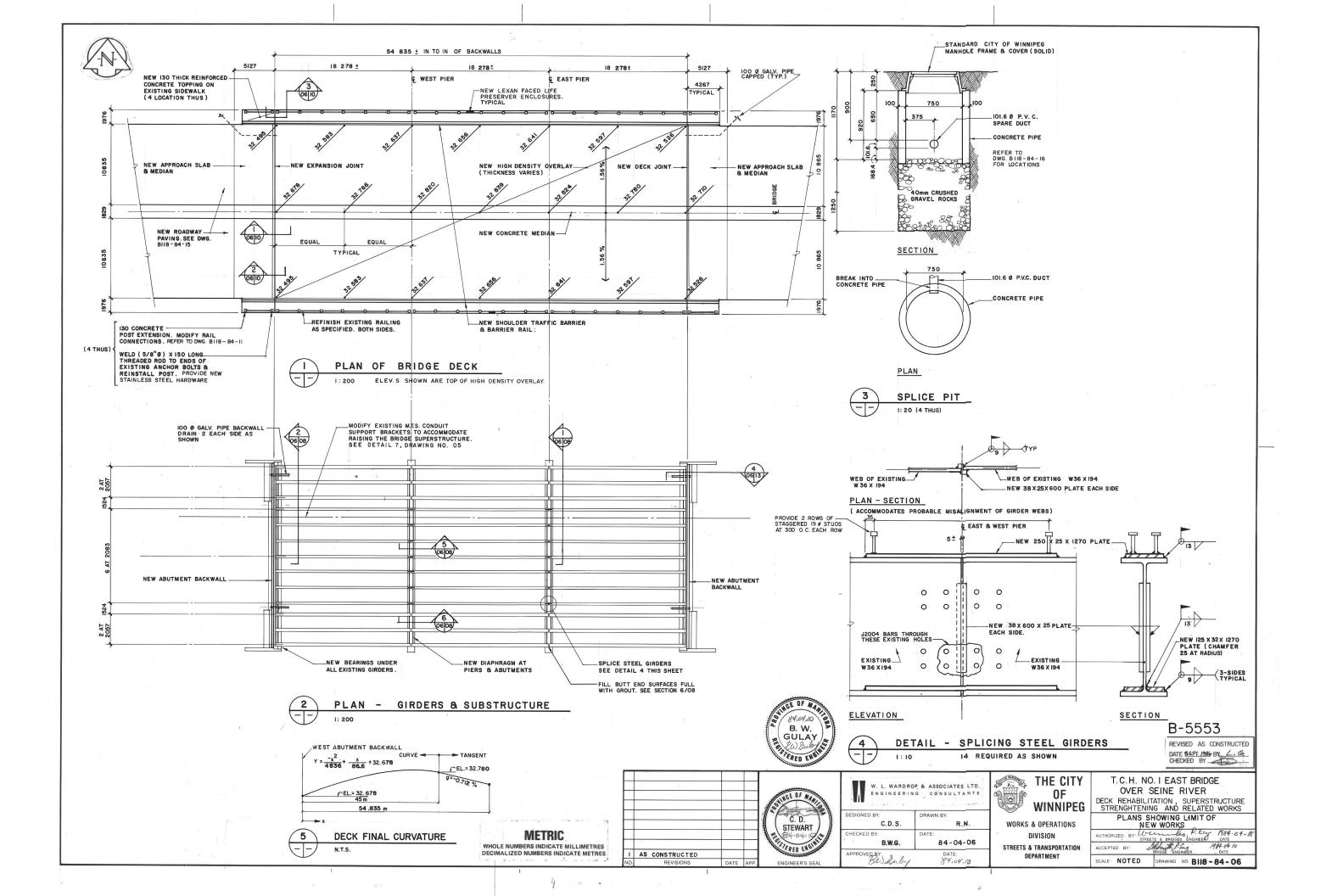
DECK REHABILITATION, SUPERSTRUCTURE STRENGTHENING AND RELATED WORKS GENERAL ELEVATION AND CROSS - SECTIONS

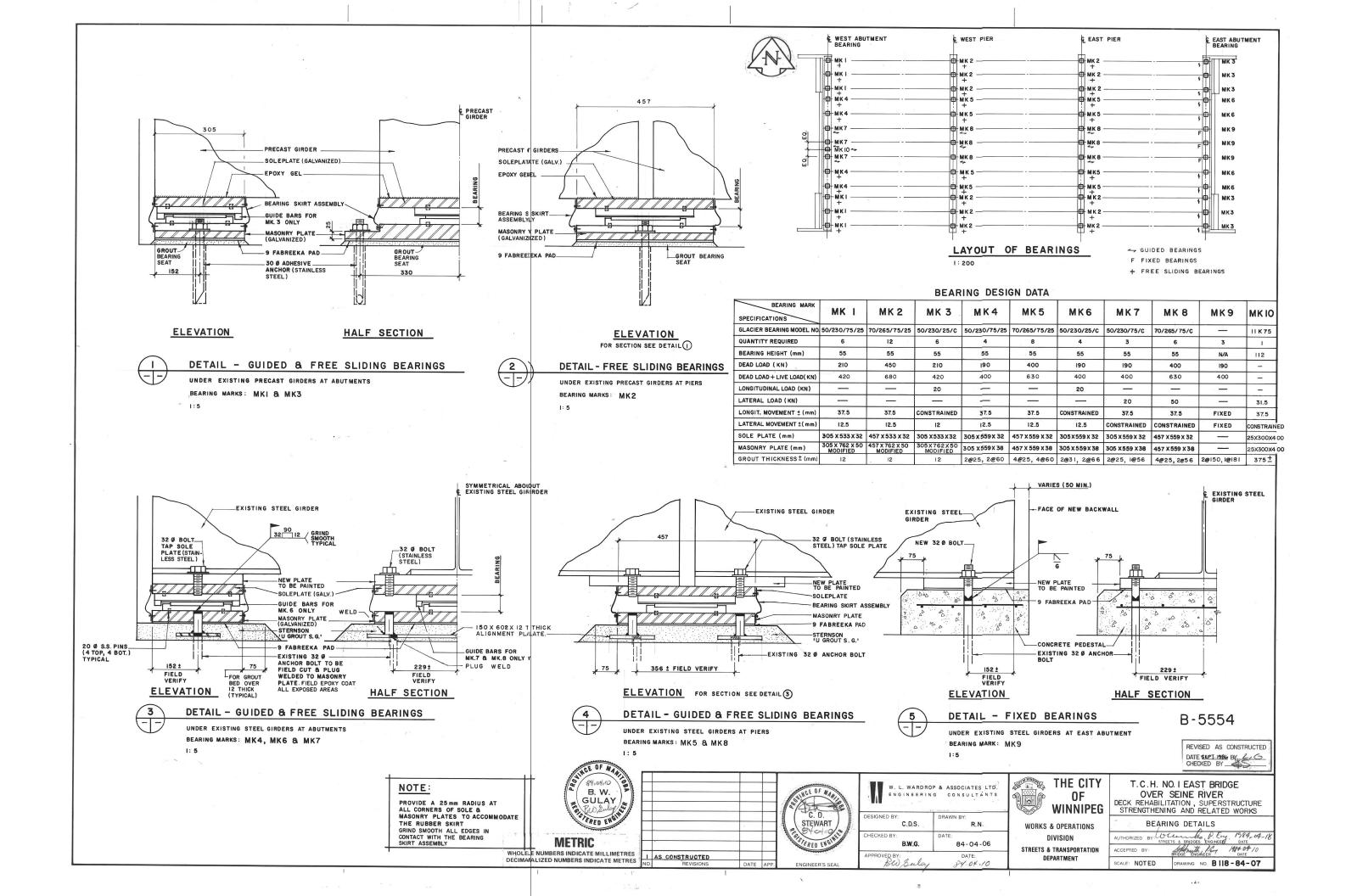
AUTHORIZED BY: Wrundle P. Eng. 1984-04-18
STREETS & BRIDGES ENGINEER DATE BRIDGE ENGINEER 1984-04-10
BRIDGE ENGINEER DATE SCALE: AS NOTED DRAWING NO. BII8-84-04

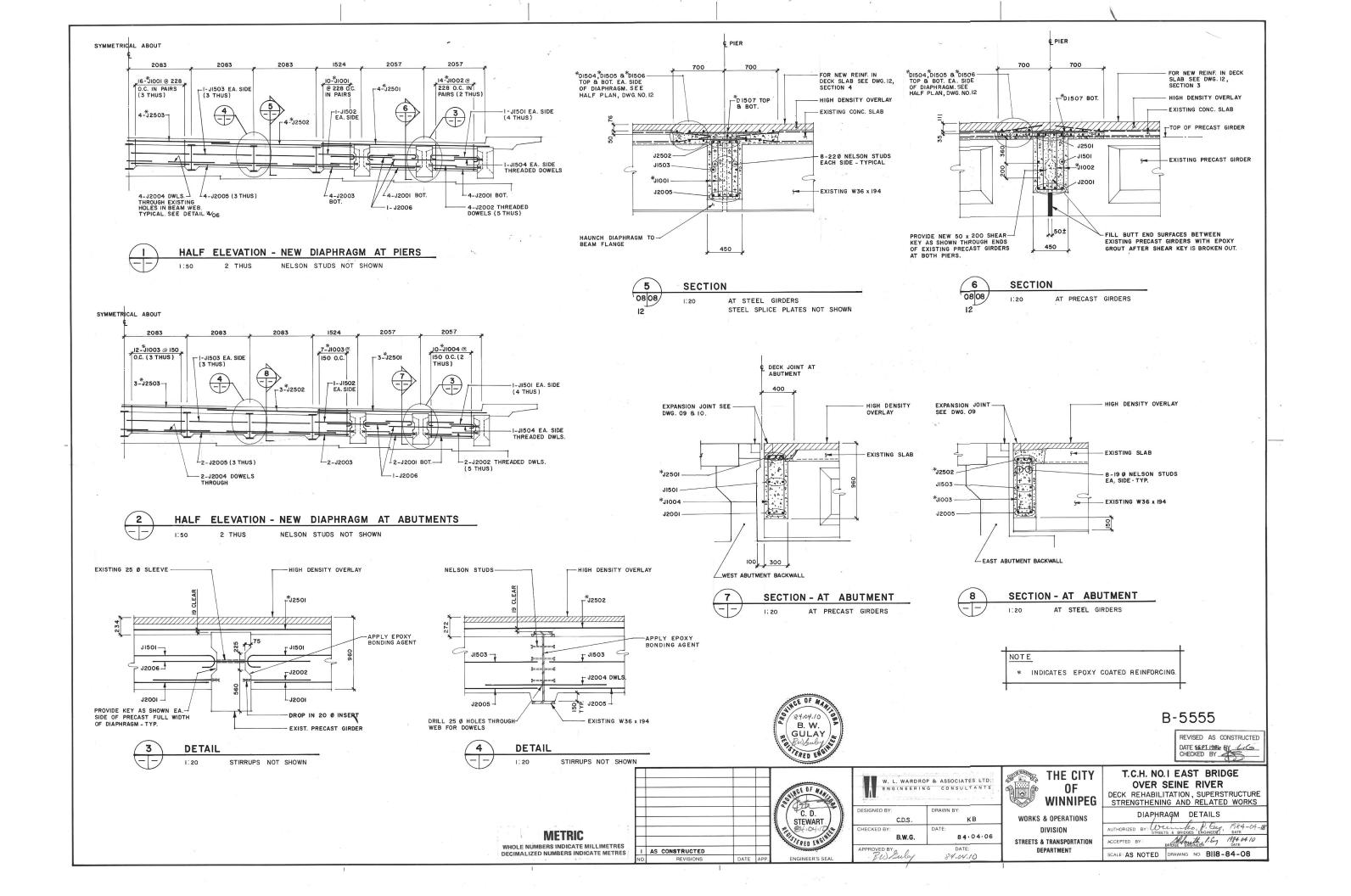
METRIC

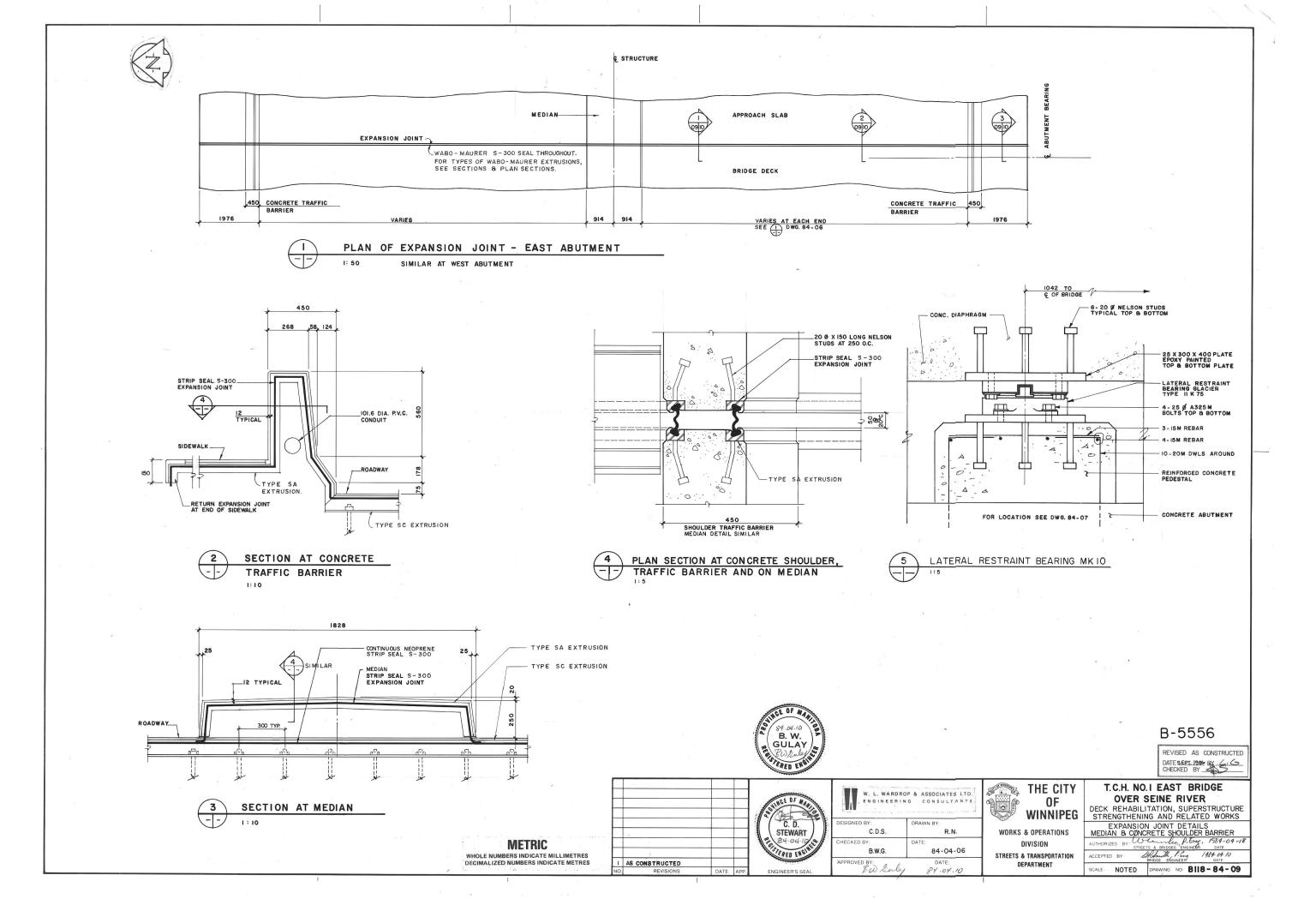
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

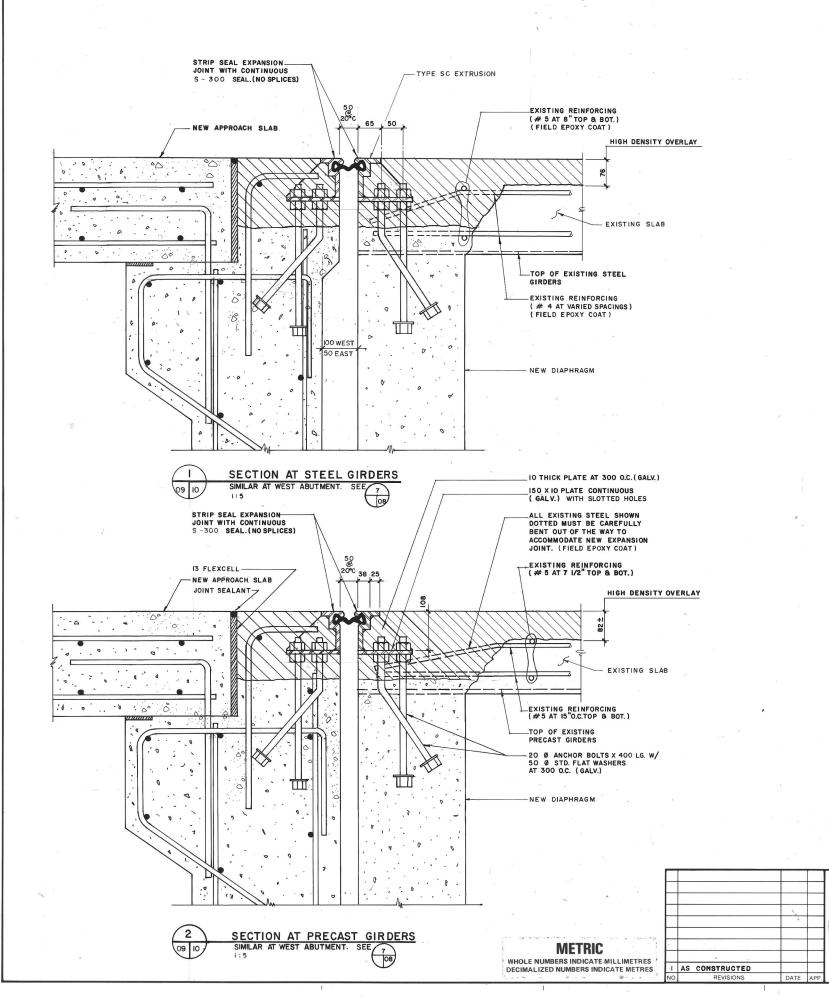


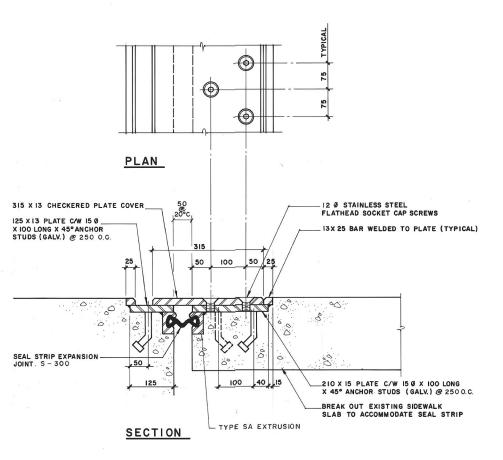












SIDEWALK SEAL STRIP EXPANSION JOINT GALVANIZED COVER PLATE

SAME AT EAST ABUTMENT

1:5



B-5557

REVISED AS CONSTRUCTED DATE SEPT. 1986 BY CHECKED BY



W. L. WARDROP & ASSOCIATES LTD. ENGINEERING CONSULTANTS

GNED BY:	DRAWN BY:	
C.D.S.	R.N	
CKED BY:	DATE:	
B.W.G.	84-04-06	

THE CITY WINNIPEG

WORKS & OPERATIONS STREETS & TRANSPORTATION DEPARTMENT

T.C.H. NO. I EAST BRIDGE OVER SEINE RIVER DECK REHABILITATION, SUPERSTRUCTURE STRENGTHENING AND RELATED WORKS

EXPANSION JOINT DETAILS DECK 8 SIDEWALK

AUTHORIZED BY: COLUMBRIC P.ETC, 1984-04-18

ACCEPTED BY: BRIDGE ENGINEER DATE

BRIDGE ENGINEER DATE

BRIDGE ENGINEER DATE SCALE: 1:5 DRAWING NO. B 118 - 84-10

