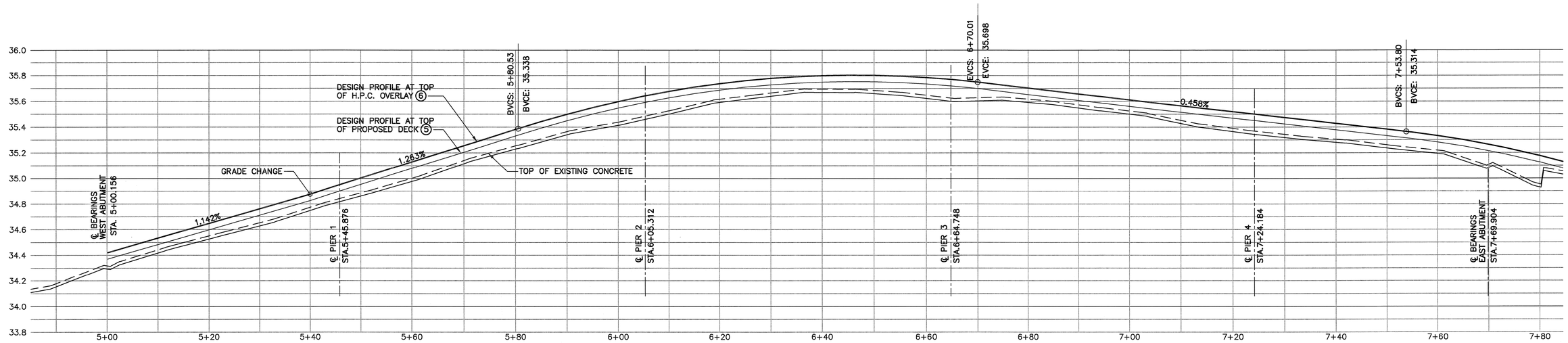
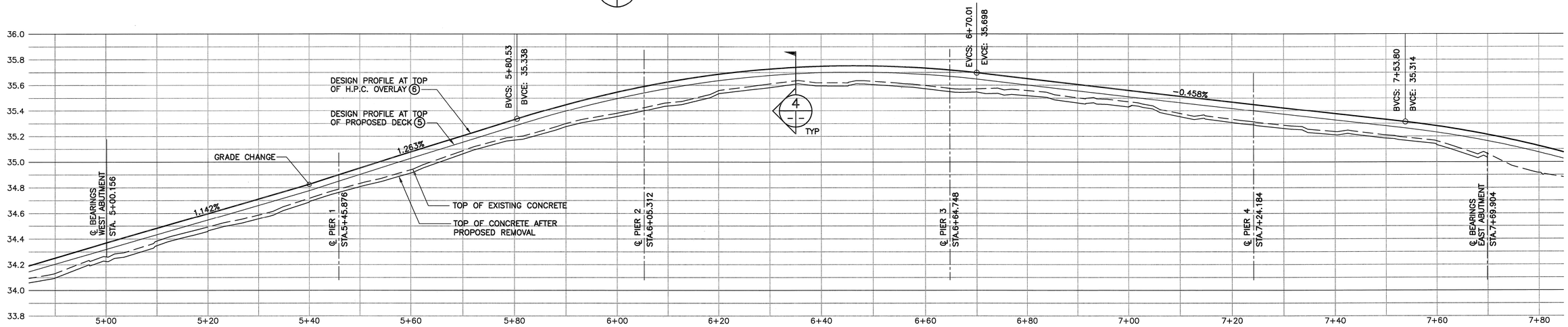
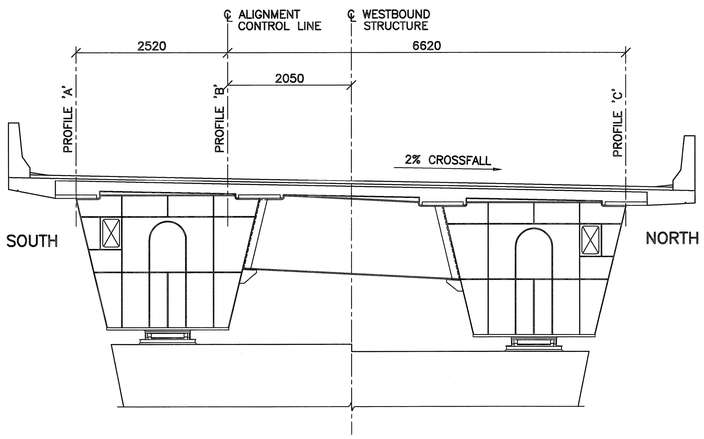


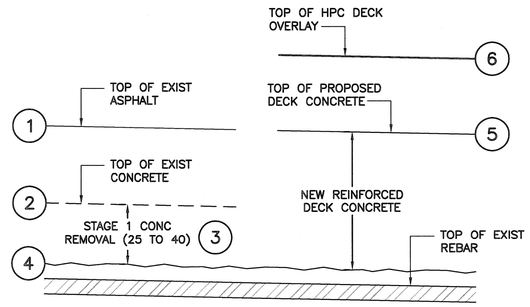

1 PROFILE 'A' – 2.52m SOUTH OF ALIGNMENT CONTROL LINE




2 PROFILE 'B' – ALONG ALIGNMENT CONTROL LINE




3 EXISTING CROSS SECTION
SHOWING PROFILE LOCATIONS




4 SECTION
N.T.S.

## DECK DEMOLITION AND RECONSTRUCTION PROCEDURE:

1. REMOVE EXISTING ASPHALT (50mm± THICK).
2. CONDUCT A SURVEY FOR THE ELEVATION OF THE EXISTING DECK CONCRETE AT EACH STATION ALONG PROFILE LINES A, B, AND C TO FILL COLUMN (2) IN THE TABLE ON SHEET 7.
3. STAGE 1 REMOVALS: REMOVE 25 TO 40mm (MIN 25mm) OF THE EXISTING CONCRETE USING ROTOMILLING AND/OR HYDRODEMOLITION ASPER THE LIMIT SHOWN ON THE PROFILE DIAGRAMS. (SEE SHEET 7, COLUMN (3)) PREPARE EXPOSED CONCRETE DECK SURFACE USING HYDRODEMOLITION TO PROVIDE A ROUGHNESS OF 6mm AMPLITUDE.
4. STAGE 2 REMOVALS: ADDITIONAL CONCRETE REMOVALS MAY BE REQUIRED AS PER CONTRACT ADMINISTRATOR'S INSTRUCTION. THESE REMOVALS WILL BE DESIGNATED BY THE FOLLOWING:
   TYPE 1: REMOVAL OF CONCRETE BELOW TOP LAYERS OF REBAR.
   TYPE 2: FULL DEPTH REMOVAL OF DECK.
5. ENSURE THAT THE EXISTING TOP LAYER OF REINFORCEMENT IS NOT DAMAGED BY CONCRETE REMOVAL OPERATIONS. TOUCH-UP EPOXY COATING ON EXISTING REINFORCEMENT IF DAMAGED.
6. CONDUCT A SURVEY FOR THE EXISTING CONCRETE AFTER ALL TYPES OF REMOVALS, AT EACH STATION ALONG PROFILE LINES A, B, AND C TO FILL COLUMNS (4) IN THE TABLE ON SHEET 7.
7. THE CONTRACT ADMINISTRATOR WILL PROVIDE THE FINAL ELEVATIONS FOR THE NEW DECK CONCRETE AND FOR THE TOP OF THE HPC OVERLAY TO FILL IN COLUMN (5) AND (6) IN THE TABLE ON SHEET 7.
8. THE CONTRACTOR TO ALLOW FOR FIVE (5) WORKING DAYS BETWEEN HIS SUBMISSION OF THE SURVEY DATA IN PROCEDURE 6 AND THE RECEIPT OF THE ELEVATIONS IN NOTE 7 FROM THE CONTRACT ADMINISTRATOR. 01

APEGM
Certificate of Authorization
Wardrop Engineering Inc.
No. 105 Expiry: April 30, 2008

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| 01 | ISSUED FOR ADDENDUM #2 | 08.03.05 | |
| 00 | ISSUED FOR TENDER | 08.02.05 | E.F.S. |

B.M. ELEV. F.B.

WARDROP | Engineering Inc.

DESIGNED BY E.F.S.
DRAWN BY P.S.
HOR. SCALE: AS NOTED
VERTICAL:
DATE 08.02.05
CHECKED BY
APPROVED BY
ACCEPTED BY DATE
RANDY FINGAS, P. ENG
BRIDGES PROJECTS ENGINEER

ORIGINAL DRAWING REVISION "00" SEALED BY E.F. SHEHATA 08.02.05

CONSULTANT DRAWING NO.
0600070700-DWG-S1106-00

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

FORT GARRY TWIN BRIDGES
WESTBOUND STRUCTURE REHABILITATION AND ASSOCIATED ROADWORKS

DECK PROFILE 1

CITY DRAWING NUMBER B173-08-006W
SHEET 6 OF 54
6