

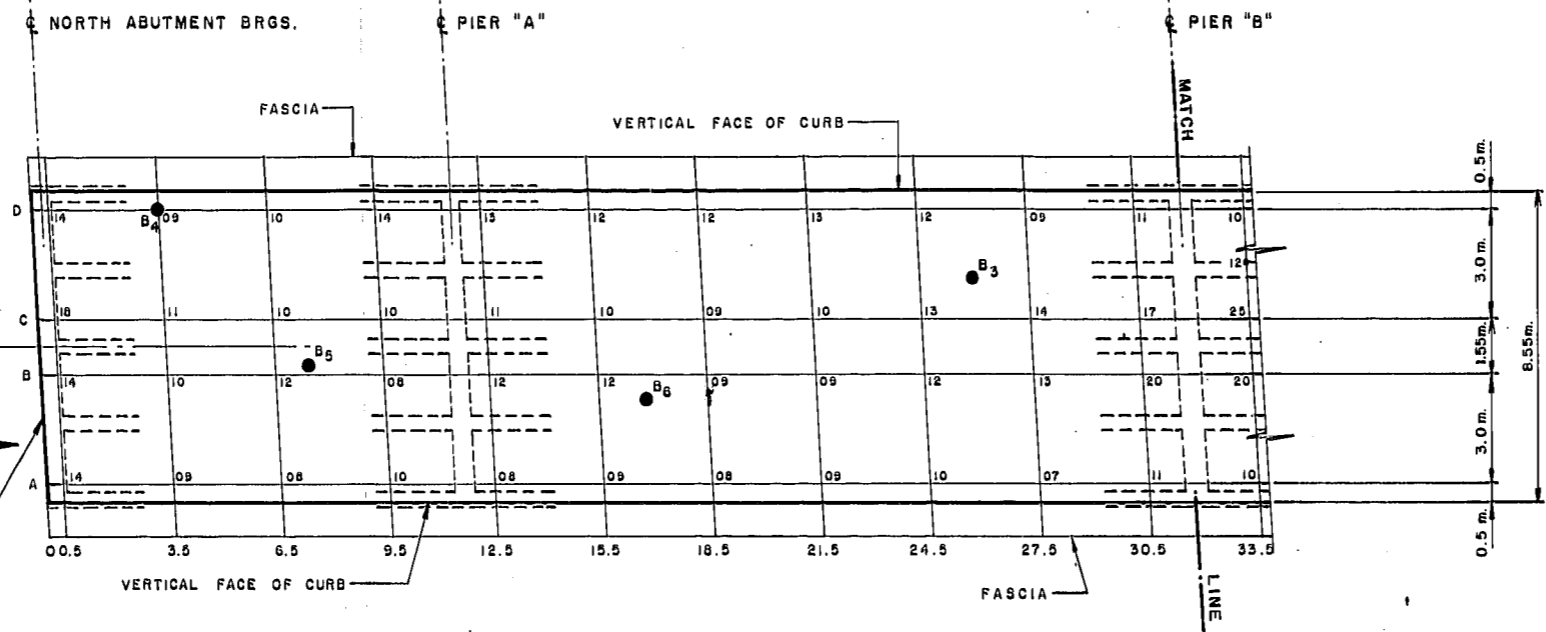


COUNTY RD. N^o 5

TO WILLIAMSBURG

TO HIGHWAY N^o 2

EXPANSION JOINT AT ABUTMENT



CORROSION POTENTIAL



0.5m
3.0m
1.55m
3.0m
0.5m

PIER "B"

PIER "C"

SOUTH ABUTMENT BRGS.

MATCH

FASCIA

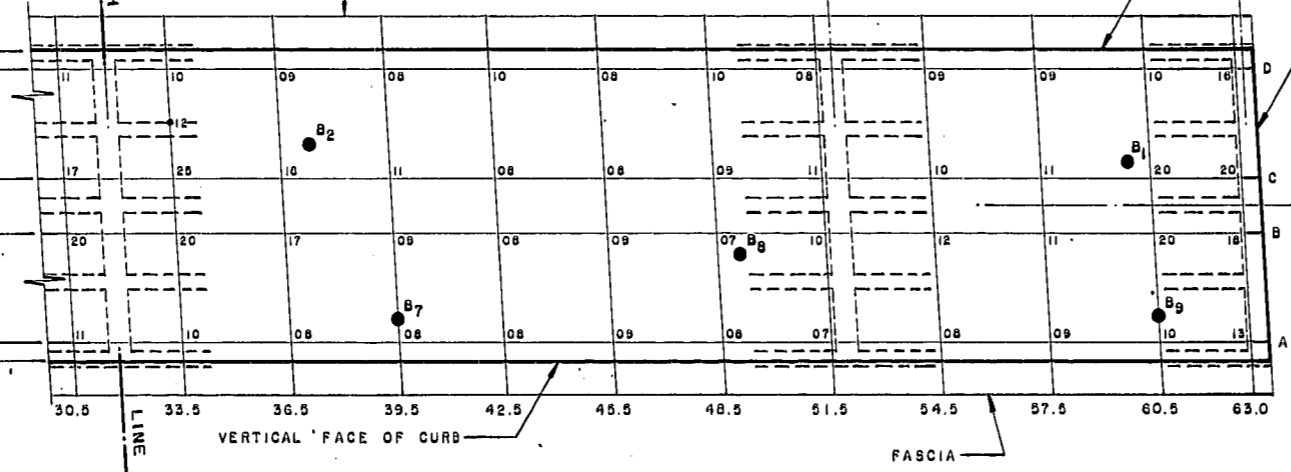
VERTICAL FACE OF CURB

EXPANSION JOINT AT ABUTMENT

TO WILLIAMSBURG

TO HIGHWAY N^o 2

COUNTY RD. N^o 5



CORROSION POTENTIAL

LEGEND:

TOP OF DECK

- REMOVED ASPHALT SLABS 300x600 mm
- 100 mm CORES
- 150 mm STANDARD DRAIN
- CRACKS
 - H HAIRLINE CRACKS LESS THAN APPROX. 0.1mm WIDE
 - N NARROW CRACKS
 - W WIDE CRACKS GREATER THAN 1mm WIDE

CORROSION POTENTIAL

- GREATER THAN -0.55 VOLTS
- 0.46 TO -0.55 VOLTS
- 0.36 TO -0.45 VOLTS
- 0.26 TO -0.35 VOLTS
- 0 TO -0.25 VOLTS

UNDERSIDE OF DECK

- EXPOSED REINFORCEMENT
- WET AREAS
- CRACKS**
 - PLAIN CRACKS
 - CRACKS WITH EFFLORESCENCE
 - 100 mm CORES
 - 150 mm STANDARD DRAIN

SCALE 1:100

| | | | |
|------------|---------------|-------------|----------|
| DWG. DATE | NOVEMBER 1990 | ORIENTATION | REG. |
| DRAWN BY | J. F. G. | | |
| CHECKED BY | W. R. | | |
| DEPT. HEAD | R. T. | PROJ. MGR. | R. J. W. |

MINISTRY OF TRANSPORTATION AND COMMUNICATIONS

EASTERN REGION:
DISTRICT N^o 9
OTTAWA

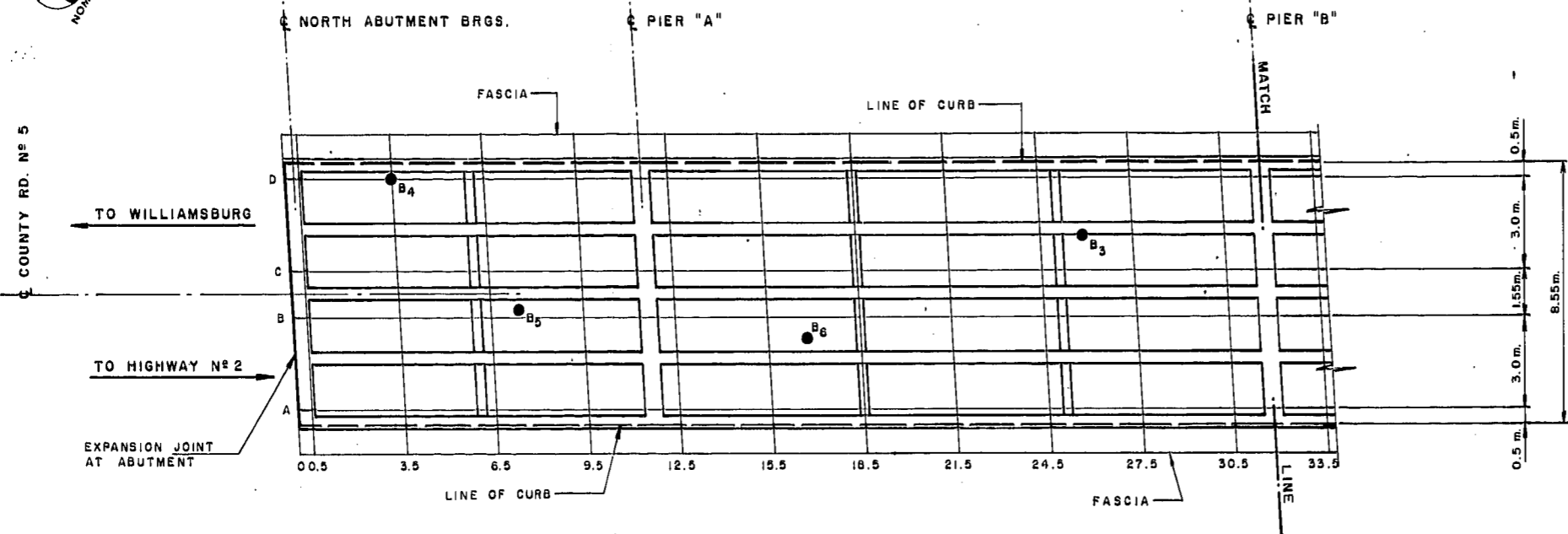
1980 BRIDGE DECK INVESTIGATIONS

BRIDGE NAME FLAGG ROAD UNDER-PASS 4.01
HIGHWAY
SITE N^o 31-203

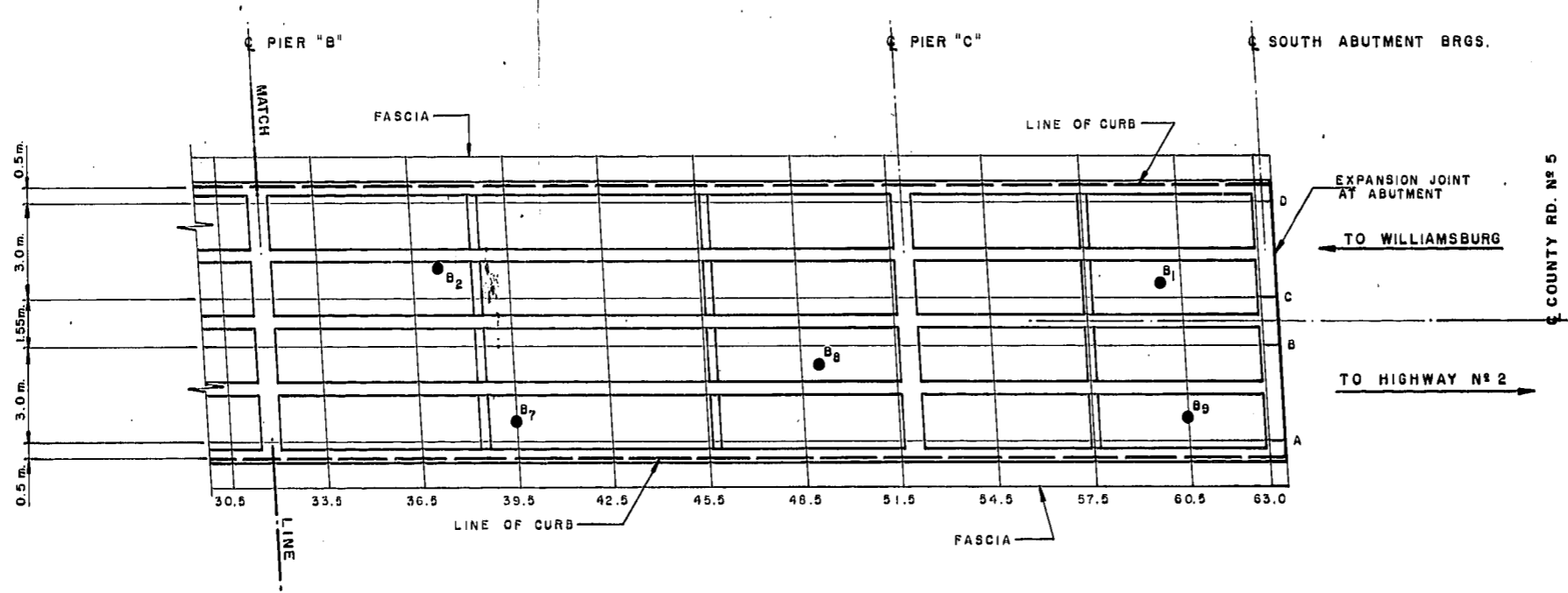
| | |
|--------------|------|
| BDIMS | |
| COUNTY: | 5 |
| TOWNSHIP: | 28 |
| SITE: | 203 |
| SFW: | LK A |
| DRAWING TYPE | |
| SCALE: | |

FENCO
FENCO CONSULTANTS LTD.

| | | | |
|---------------------|---------------|------|--|
| CORROSION POTENTIAL | | | |
| ASPHALT SURFACE | | | |
| DRAWING NUMBER | 8583/31-203-1 | REV. | |



UNDERSIDE OF DECK DETERIORATION



UNDERSIDE OF DECK DETERIORATION

LEGEND:

TOP OF DECK

- REMOVED ASPHALT SLABS 300x600 mm
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UNDERSIDE OF DECK

- EXPOSED REINFORCEMENT
- WET AREAS

CRACKS

- PLAIN CRACKS
- CRACKS WITH EFFLORESCENCE
- 100 mm CORES
- 150 mm STANDARD DRAIN

SCALE 1 : 100

| | | | |
|------------|---------------|-------------|----------|
| DWG. DATE | NOVEMBER 1980 | ORIENTATION | REG. |
| DRAWN BY | J. F. G. | | |
| CHECKED BY | W. R. | | |
| DEPT. HEAD | R. T. | PROJ. MGR. | R. J. W. |

MINISTRY OF TRANSPORTATION AND COMMUNICATIONS

EASTERN REGION:

DISTRICT N° 9 OTTAWA

1980 BRIDGE DECK INVESTIGATIONS

BRIDGE NAME FLAGG ROAD UNDER-PASS

HIGHWAY 401

SITE N° 31-203

| | |
|--------------|--------|
| COUNTY: | 31 |
| TOWNSHIP: | 25 |
| SITE: | 203 |
| SF# | 2 LK A |
| DRAWING TYPE | |
| SCAN: | |

FENCO
FENCO CONSULTANTS LTD.

UNDERSIDE OF DECK

ASPHALT SURFACE

DRAWING NUMBER 8583/31-203-2 REV.