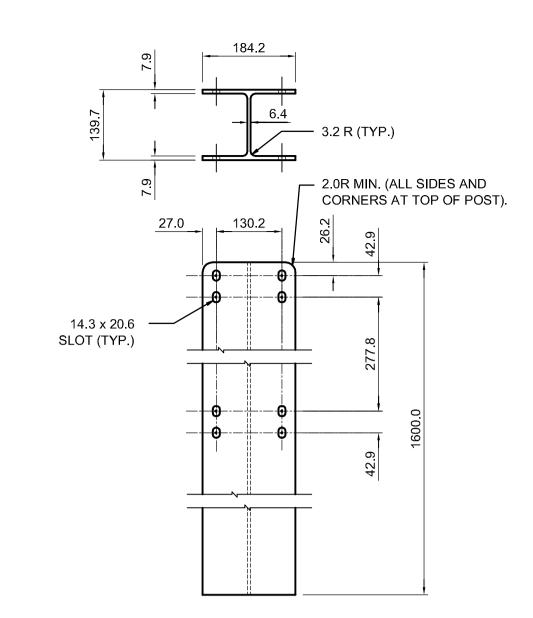


DIMENSIONS FOR HEIGHT OF CENTERLINE OF BARRIER RAILABOVE FINISHED SURFACE AND BETWEEN BARRIER RAILS TO BE CO-ORDINATED WITH POCKET DETAIL FOR CONCRETE TRAFFIC BARRIER.

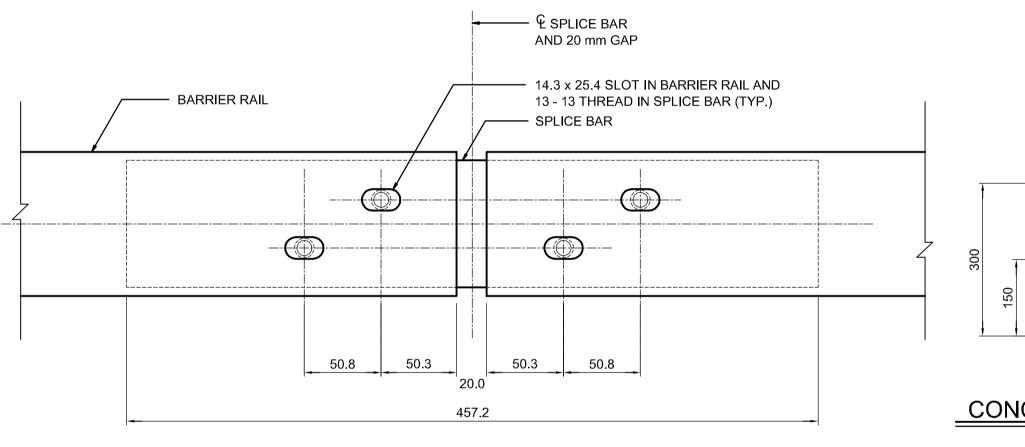
RAIL TO POST ASSEMBLY DETAIL

SCALE - 1:75



1.600 m POST

(0.800 m POST SIMILAR EXCEPT WITH ONLY FOUR SLOTS AT TOP OF POST)



300 x 300 BLOCKOUT AT POSTS – PLACE ASPHALT AT POST CONCRETE BLOCKOUT AT POST

CONSTRUCT

SCALE - NTS

SPLICE BAR TO RAIL ASSEMBLY DETAIL

SCALE - 1:25

MATERIAL SPECIFICATION

- 1. ALUMINIUM RAILS, POSTS, SPLICE BARS, AND RAIL END CAPS SHALL CONFORM TO ASTM B221, ALLOY 6061 - T6, OR ALLOY 6351 - T6.
- 2. TYPE 316, STAINLESS STEEL WASHERS SHALL CONFORM TO ASTM A296, TYPE 316.
- 3. CAP SCREWS SHALL CONFORM TO ASTM A276, TYPE 316 STAINLESS STEEL.
- 4. ANTI-SEIZE COATING TO BE APPLIED TO ALL THREADED COMPONENTS WHEN BEING i.e. LPS-3-MANUFACTURED BY HOLT LLOYD (CANADA) LTD., MARKHAM, ONTARIO L3R
- 5. TWO COATS, EACH 1 mm IN THICKNESS OF ALKALI-RESISTANT BITUMINOUS PAINT SHALL BE APPLIED ON THE SURFACES OF POSTS AND RAILS THAT ARE IN CONTACT WITH THE GROUND.

GENERAL NOTES:

- 1. ALL BARRIER RAIL SPLICES TO BE RETURNED TO THEIR ORIGINAL LOCATION IN RELATION TO POSTS DURING BARRIER RE-INSTALLATION.
- 2. CONSTRUCT 300 x 300 BLOCKOUTS IN SPLASH STRIP AS REQUIRED FOR PLACEMENT OF ASPHALT AT BASE OF POSTS. POST INSTALLATION AND BACKFILL IN ACCORDANCE WITH CW 3650.
- 3. RE-INSTALLATION OF ALUMINIUM BALANCED BARRIERS TO BE IN ACCORDANCE WITH CW 3650.
- 4. CONTRACTOR TO RE-USE EXISTING POSTS FROM SALVAGED BARRIER TO REPLACE DAMAGED POSTS AS REQUIRED.
- 5. CONTRACTOR TO SUPPLY NEW HARDWARE FOR BARRIER RE-ASSEMBLY AS REQUIRED.

Certificate of Authorization AECOM Canada Ltd. Original dated on:
No. 4671 Date: 2010/03/24

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

BID OPPORTUNITY NO. 133-2010

| | GAS | | 0 | MANHOLE | • | | CONCRETE PAVEMENT | |
|----------|-------------------------|----------|----------------|-------------------------|--------|----------|-----------------------|-----|
| | MTS | | | CATCH BASIN / CATCH PIT | | | ASPHALT PAVEMENT | |
| — - —© | HYDRO | | Δ | CURB INLET WITH BOX | ▼ | | CONC. SIDEWALK/MEDIAN | |
| | CATV/FO | | €)500ø | TREE | | | PAVING STONE | |
| | TRAFFIC SIGNALS/PIT | | ◆ ™ | TEST HOLE | | | GRAVEL | |
| | LAND DRAINAGE SEWER | | | PROPERTY LINE | | | RAMP CURB | |
| | SANITARY/COMBINED SEWER | | + | SURVEY BAR | | | PLANING/REMOVAL | |
| | SSP/DCP | | | FENCE | | | | |
| | WATERMAIN | | | BOC/EOPAVT | | | | |
| | SUBDRAIN | | 33.000 | ELEVATION | 32.750 | | | |
| ♦~~ | DITCH | — | -0- | TRAFFIC SIGN | | | | |
| EXISTING | LEGEND - PLAN | NEW | EXISTING | LEGEND - PLAN | NEW | EXISTING | LEGEND - PLAN | NEW |

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| ORMATION AVAILABLE. BUT NO ARANTEE IS GIVEN THAT ALL EXISTING LITIES ARE SHOWN OR THAT THE GIVEN | | | | | DRAWN BY | вс | APPROVED BY | PROFESSIONAL PROFESSIONAL | |
| CATIONS ARE EXACT. CONFIRMATION OF STENCE AND EXACT LOCATION OF ALL RVICES MUST BE OBTAINED FROM THE DIVIDUAL UTILITIES BEFORE PROCEEDING | 0 A | ISSUED FOR CONSTRUCTION ISSUED FOR 100% REVIEW | 10\03\24 | BC BC | HOR. SCALE VERT. SCALE | 1:250 N/A | RELEASED FOR CONSTRUCTION | CONSULTANT DRAWING NO. | |
| TH CONSTRUCTION. | NO. | REVISIONS | YY/MM/DD | BY | DATE | | DATE | CT-49.dwg | |

| PROJINCE OF WANTON | |
|--------------------|--|
| SIGNED K.W. | |
| RAE MARCH 24/2010 | |
| PROFESSIONAL | |

THE CITY OF WINNIPEG Winnipeg PUBLIC WORKS DEPARTMENT TRANSPORTATION ENGINEERING DIVISION

JUBILEE AVENUE OVERPASS ASSOCIATED ROADWORKS ALUMINUM BALANCED BARRIER

LOCATIONS

SHEET 2 OF 2

| CITY DRAWING NUMBER B124-10-49 | | | | | | | |
|-----------------------------------|----|-----|----|---|--|--|--|
| SHEET | 49 | OF | 51 | | | | |
| DRAWING | | REV | | | | | |
| | 49 |) | | Α | | | |