

Notes:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ALL METAL PARTS FOR FIXING THE SOFFIT LANTERN SHALL BE GALVANIZED TO BS EN ISO 1461.
3. ALL PARTS OF THE MOUNT SHALL BE PAINTED TO THE SAME COLOUR OF THE SOFFIT LANTERN.
4. THE CHANNELS SHALL BE CUT TO LENGTHS SUCH THAT THEY WILL NOT PROTRUDE OUT OF THE SOFFIT LANTERN EDGE.
5. MAXIMUM WEIGHT OF EACH SOFFIT LANTERN SHALL NOT BE MORE THAN 25KG.
6. A NYLON OR OTHER APPROVED PLASTER WASHER SHALL BE PROVIDED AT EVERY INTERFACE BETWEEN STAINLESS STEEL AND GALVANIZED STEEL.
7. PRIOR TO THE DRILLING FOR INSTALLATION OF ANCHOR BOLTS, THE LOCATIONS OF THE ANCHOR BOLTS SHALL BE SUBMITTED TO THE MAINTENANCE AUTHORITY OF THE BRIDGE FOR APPROVAL. IN GENERAL, ANCHOR BOLTS SHALL NOT BE INSTALLED WITHIN THE MIDDLE TWO-THIRDS OF A BRIDGE SPAN. IF THIS CANNOT BE AVOIDED, THE ANCHOR BOLTS SHALL BE INSTALLED NEAR THE EDGE OF THE BRIDGE DECK WHERE THERE IS NO VEHICULAR LOADING.
8. PRIOR TO THE DRILLING FOR INSTALLATION OF BOLTS AT THE SOFFIT OF THE BRIDGE DECK, COVER METER SHALL BE USED TO IDENTIFY THE LOCATIONS OF EXISTING REINFORCEMENTS OR PRESTRESSING STRANDS. THE LOCATIONS OF THE ANCHOR BOLTS SHALL AVOID THE REINFORCEMENTS OR PRESTRESSING STRANDS.
9. IF ANY REINFORCEMENT BAR OR PRESTRESSING STRAND IS ENCOUNTERED DURING THE DRILLING OPERATION, THE DRILL HOLE SHALL BE ABANDONED AND THE HOLE SHALL BE REINSTATED WITH APPROVED EPOXY RESIN.
10. ALL TIGHTEN NUTS SHALL APPLY/COVER WITH SCREW SEALANT FOR REINFORCEMENT.

B	General revision of notes		Mar 07
A	General revision of notes		Feb 06
REF.	REVISION	SIGNATURE	DATE

ALTERNATIVE SOFFIT LANTERNS FIXING DETAILS  
TO HIGHWAY STANDARD DRAWING NO. H2178  
(SHEET 2 of 2)

HIGHWAYS DEPARTMENT LIGHTING DIVISION			
REFERENCE	DRAWING No.		CAD
SCALE	HLDSGDGE04-CL0038B		