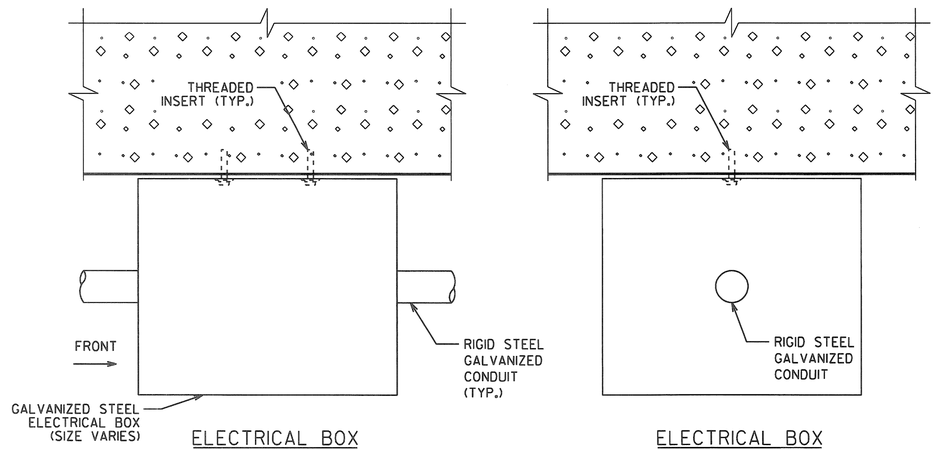
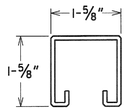
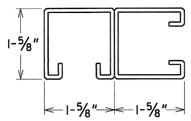


ELECTRICAL BOX MOUNTING DETAIL (FRONT)

ELECTRICAL BOX MOUNTING DETAIL (FRONT)



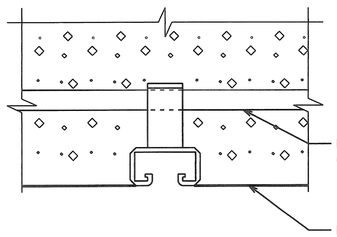
CHANNEL STRUT DETAIL



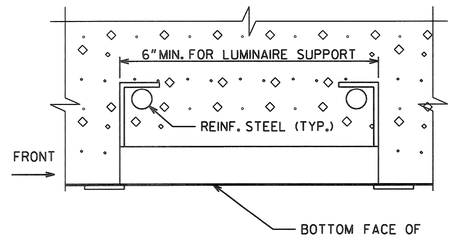
SIDE-BACK CHANNEL STRUT DETAIL

NOTES:

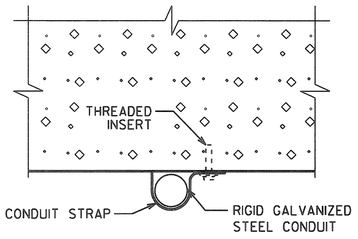
1. ALL NEW CONDUIT AND PARKING AREA LUMINAIRE SUPPORTS SHALL BE SECURELY ATTACHED TO THE NEW BRIDGE DECK VIA STEEL CHANNEL STRUT CONCRETE INSERTS EMBEDDED IN THE BRIDGE POUR.
2. ALL CONCRETE INSERTS SHALL BE TIED INTO THE REINFORCING STEEL OF THE BRIDGE DECK AS SHOWN. ADDITIONAL REINFORCING STEEL MAY BE REQUIRED TO FACILITATE TIE-IN. COST FOR ANY ADDITIONAL REINFORCING STEEL REQUIRED SHALL BE INCLUDED IN THE PRICE BID FOR LUMINAIRES COST.
3. CONCRETE INSERTS SHALL BE INSTALLED WITH CHANNEL OPENINGS FLUSH WITH BOTTOM FACE OF BRIDGE DECK POUR.
4. COST FOR CONDUIT AND ELECTRICAL ENCLOSURES MOUNTING HARDWARE SHALL BE INCLUDED IN PRICE BID FOR CONDUIT AND ELECTRICAL ENCLOSURES.
5. COST FOR LUMINAIRE MOUNTING SUPPORT HARDWARE SHALL BE INCLUDED IN PRICE BID FOR LUMINAIRES.
6. THREADED INSERTS AND EMBEDDED CHANNEL STRUT SHALL BE CAPABLE OF SUPPORTING A LOAD OF 100 LBS OR GREATER. THREADED INSERTS SHALL BE EPOXIED IN PLACE.



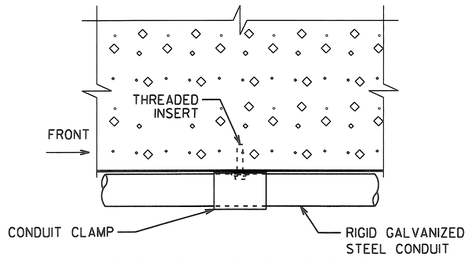
CHANNEL STRUT CONCRETE INSERT DETAIL (FRONT)



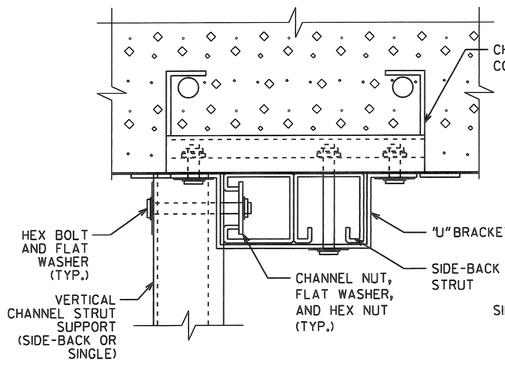
CHANNEL STRUT CONCRETE INSERT DETAIL (PROFILE)



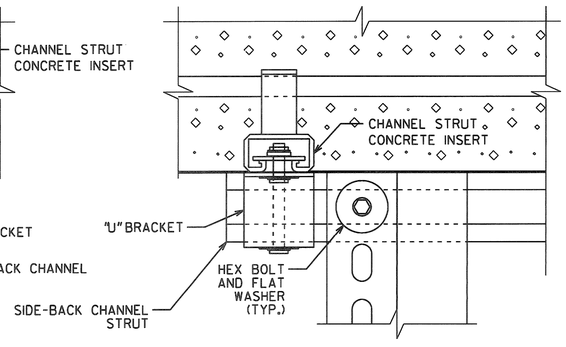
SURFACE MOUNT CONDUIT STRAP DETAIL (FRONT)



SURFACE MOUNT CONDUIT STRAP DETAIL (PROFILE)



LUMINAIRE SUPPORT BRIDGE ATTACHMENT DETAIL (PROFILE)



LUMINAIRE SUPPORT BRIDGE ATTACHMENT DETAIL (PROFILE)

GRESHAM SMITH AND PARTNERS

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393

NOT TO SCALE

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: URBAN DESIGN

CONDUIT AND LUMINAIRE ATTACHMENT DETAILS

SPRING STREET
VIADUCT OVER CSX

DRAWING No. 25-023

3/1/2007 GPW