1. Hook bolts and anchor straps shall be used at both upstream and downstream ends of all C.A., C.S., and structural plate pipes and pipe diameter or span of 84" or greater.


GENERAL NOTES

INDIANA DEPARTMENT OF TRANSPORTATION

PIPE ANCHOR HOOK
BOLT DETAILS

STANDARD DRAWING NO. E 715-PAHB-01

APRIL 1995

DETAILS PLACED IN THIS FORMAT ON 7-27-95

/s/ Anthony L. Uremovich 7-27-99
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 7-27-99
CHIEF HIGHWAY ENGINEER DATE

ORIGINALLY APPROVED 4-30-95

GALVANIZED
HOOK BOLT AND NUTS

R = 9/16" ± 3/16"

1" spherical radius