REQUIRED
WING LENGTH

TOP OF WING

1'-0" MIN.
BERM

TOP OF
RIP RAP

2'-6"

1'-6"

6"

STREAM
CROSSING STRUCTURES

REQUIRED
WING LENGTH

TOP OF WING

1'-0" MIN.
BERM

TOP OF CONCRETE
SLOPE PROTECTION

2'-6"

1'-6"

HIGHWAY AND RAILROAD
CROSSING STRUCTURES

REQUIRED LENGTH OF THE WINGS
(2'-6" DEEP END BENT CAPS)

FIGURE 7 – 15

REQUIRED
WING LENGTH

TOP OF WING

300mm
MIN. BERM

760

450

150

TOP OF
RIP RAP

STREAM
CROSSING STRUCTURES

REQUIRED
WING LENGTH

TOP OF WING

300mm
MIN. BERM

760

450

TOP OF CONCRETE
SLOPE PROTECTION

HIGHWAY AND RAILROAD
CROSSING STRUCTURES
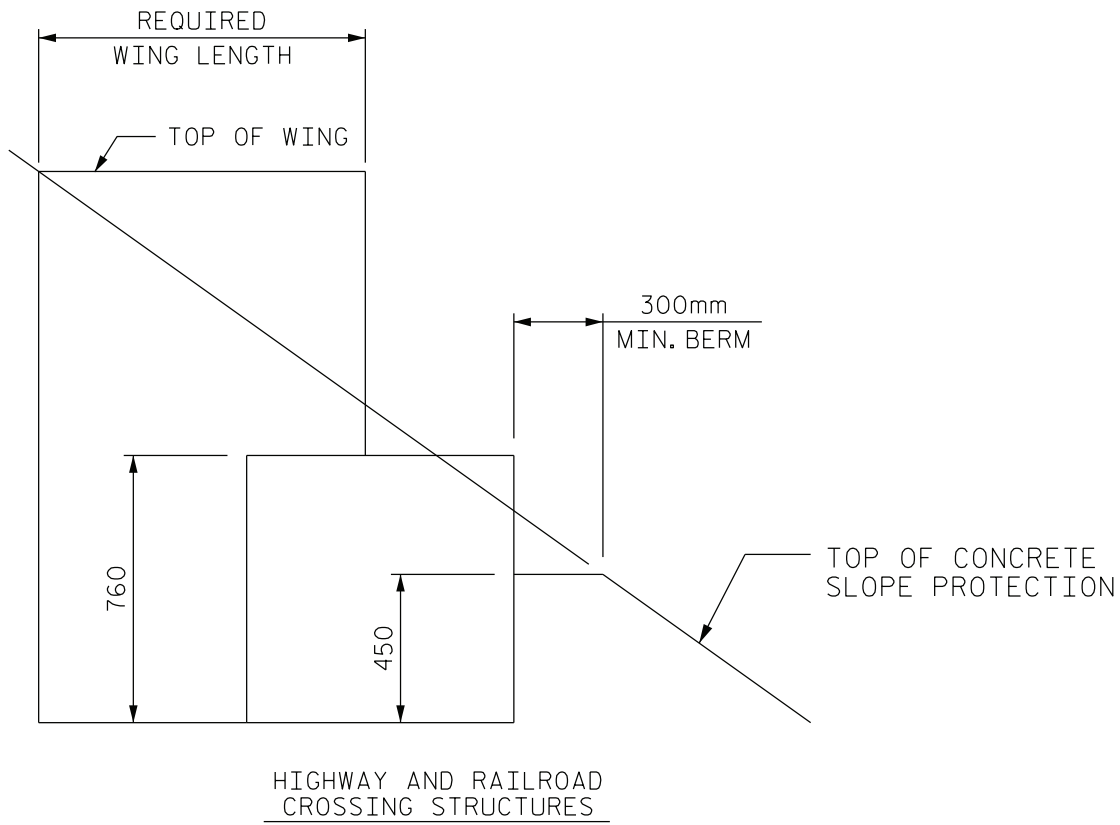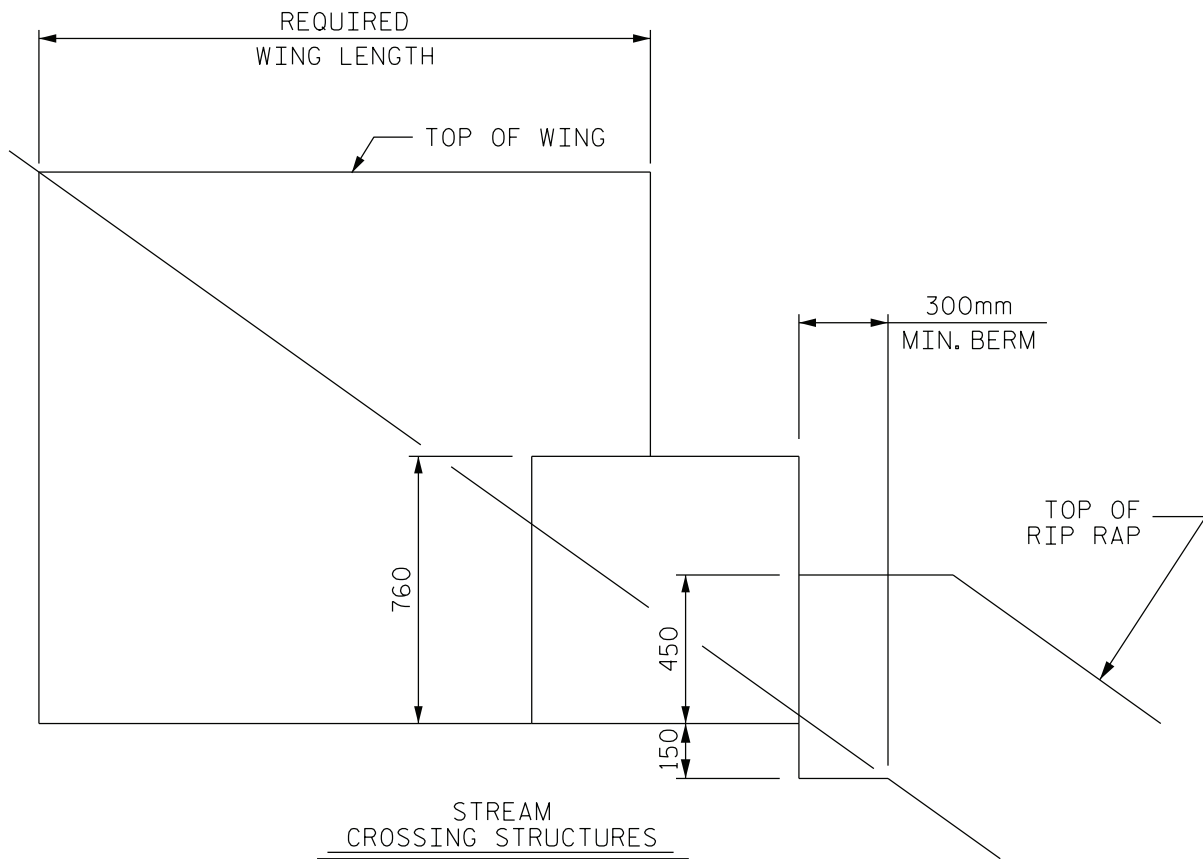
REQUIRED LENGTH OF THE WINGS
(760mm DEEP END BENT CAPS)

FIGURE 7 – 15 M