CAST-IN-PLACE CONCRETE TRAFFIC BARRIER DETAIL FOR CAST-IN-PLACE WALL PANELS

WATERPROOFING
ANCHOR SLAB
14.02
1'-0"
#4 BARS @ 1'-3"
OUTSIDE FACE OF COPING
ROUGHENED.
LEAVE SURFACE
DRIP GROOVE
1⁄8" CONTINUOUS
2'-0"
DRIP GROOVE
SEAL PER NOTE
1⁄8" PREFORMED FILLER
CONCRETE QUANTITY BASED ON 3" PANEL EMBEDMENT.
PARAPET BARS. DEFINE CONSTRUCTION JOINT WITH A 1⁄8" "V" GROOVE.
REINFORCEMENT THRU THE JOINT. SEE STANDARDS 30.07, 30.12, 30.13 & 30.30-30.32 FOR MINIMUM LAP LENGTHS IN
OPTIONAL CONSTRUCTION JOINTS IN THE PARAPET AND ANCHOR SLAB BETWEEN EXPANSION JOINTS MAY BE USED. RUN BAR
MAX. SPACING OF JOINT = 50'. LOCATE EXPANSION JOINTS OVER WALL JOINTS.
EXPANSION JOINTS TO BE SPACED AT A MINIMUM OF 20' AND A
10" MIN.
1" CORK FILLER, FULL
LEVEL
INCLUDED IN "CONCRETE MASONRY
AT EXPANSION JOINT. EMBED 9". USE APPROVED
#5 BARS @ 8"
3" CL
MAX. SPACING OF JOINT = 12'

C. COPING EXPANSION
JOINT OF TRAFFIC
BARRIER AND ANCHOR
SLAB EXPANSION
JOINT
MULTIPLE OF PANEL LENGTH
SEE NOTE BELOW

TOP OF C.I.P. TRAFFIC BARRIER OR COPING
GUTTER LINE FOR TRAFFIC BARRIER

NOTE:
ALL JOINTS SHALL BE LOCATED AS SHOWN ON WALL ELEVATIONS
NOTE:
SEAL ALL EXPOSED BAR LENGTH AT 1⁄8" MAX. SPACING.
POLYSTYRENE 1" EXPANDED
#4 DOWELS, 1'-10" LONG

G. COPING EXPANSION
JOINT OF TRAFFIC
BARRIER AND ANCHOR
SLAB EXPANSION
JOINT
TOP OF C.I.P. TRAFFIC BARRIER OR COPING

DRAWN TO SCALE FOR STANDARDS AND CODE REQUIREMENTS.
PROVIDE RUSTICATION IF OPT. CONST. JT. IS USED.
IF THE OPT. CONST. JT. IS USED, PROVIDE BILL OF BARS. CONCRETE, REINFORCEMENT,
AND RUBBERIZED MEMBRANE WATERPROOFING QUANTITIES FOR TRAFFIC
BARRIERS. PROVIDE BILL OF BARS.

MSE RETAINING WALL DETAILS

BUREAU OF STRUCTURES

STANDARD 14.02

Bill Oliva
DATE: 7-20

Approved

DESIGNER NOTES
MSE ANCHOR SEAL DETAIL IS SHOWN AS A MINIMUM.
ANCHOR SEAL MATERIALS AND MASONRY REQUIREMENTS.
USE APPROVED MEMBRANE WATERPROOFING QUANTITIES FOR
TRAFFIC BARRIERS. PROVIDE BILL OF BARS.
FOR STANDARD COPING AS SHOWN ON THIS SHEET.
SHAPE AND SIZE AND SPACING, INCLUDING BUT NOT
LIMITED TO BAR SIZE, CONCRETE STRENGTH, AND REINFORCEMENT, MAY BE
ARBITRARY OR MODIFIED AND CONFORM TO THE RECOMMENDATIONS OF THE
RECOGNIZED CODES AND STANDARDS.

COPING CONTRACTION JOINT
DO NOT RUN BAR STEEL THROUGH JOINT.
MAX. SPACING OF JOINT = 30'. LOCATE EXPANSION JOINTS OVER WALL JOINTS.
EXPANSION JOINTS TO BE SPACED AT A MINIMUM OF 20' AND A
10" MIN.
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