3 CABLE BARRIER CONCRETE BRIDGE PARAPET DEPARTURE BRACKET AND BACKING PLATE

NOTES:
1. USE ON DEPARTURE END ONLY
2. DO NOT USE WITH PRECAST CONCRETE BARIER.
3. CORE 1 1/8 INCH HOLES INTO BRIDGE PARAPET TO ATTACH DEPARTURE BRACKET.
4. PLACE BACKING PLATE ON TRAFFIC SIDE. INSTALL BOLTS WITH HEAD OF BOLT ON TRAFFIC SIDE.
5. DEPARTURE BRACKET PAY LIMIT WILL INCLUDE THE INSTALLATION OF THE PARAPET DEPARTURE BRACKET, BACKING PLATE, HARDWARE AND SPECIALTY POSTS, HEAD OF BOLT INSTALLATION OF POSTS TO INCLUDE FOUNDATIONS. MEET UDOT FOUNDATION REQUIREMENTS.
6. LEFT SIDE APPLICATION SHOWN, RIGHT SIDE SIMILAR.

NOTES FOR POST SPACING REQUIREMENTS:
POST 1, 2, OR MORE MAY BE SPECIALITY POSTS DEPENDING ON CABLE MANUFACTURER'S REQUIREMENTS. FOLLOW MANUFACTURER'S POST REQUIREMENTS WHEN USING BRIDGE PARAPET DEPARTURE BRACKET.
POSTS SPACING SHOWN ARE FOR EXAMPLE PURPOSES ONLY. REQUIREMENTS MAY VARY BASED ON MANUFACTURER'S REQUIREMENTS.
MINIMUM 2 TYPICAL POSTS SPACED AT 10' IS REQUIRED AFTER MANUFACTURER'S POST REQUIREMENTS FOR BRIDGE PARAPET DEPARTURE ANCHOR.

DEPARTURE ANCHOR

PLACE ON TRAFFIC SIDE (PLACE ON TRAFFIC SIDE OF PARAPET)
SEE NOTES 1, 2, 3 AND 4

TYPICAL SPACING AS PER

FLAT SET

SIDE VIEW

END VIEW

BRACKET

NOTES:
1. DRILL ALL HOLES 1 1/8 INCH DIA.
2. MEET ANSI WPC D1. SEE SECTION 9.5.5.5(2) FOR ALL WELDS. SEE STANDARD SPECIFICATION D965.
3. GALVANIZE BRACKET AND BACKING PLATE TO MEET ASTM A 123 AFTER FABRICATION.
4. ATTACH BRACKET TO PARAPET USING 1 INCH DIA HIGH STRENGTH BOLTS, WASHERS, AND NUTS. BOLT LENGTHS VARY BASED ON THE TYPE OF PARAPET AND LOCATION OF BOLT. BOLT HEAD WILL BE ON TRAFFIC SIDE OF PARAPET.

SIDE VIEW

NOTES:
1. LEFT SIDE APPLICATION SHOWN, RIGHT SIDE SIMILAR.
2. DO NOT USE WITH PRECAST CONCRETE BARIER.
3. CORE 1 1/8 INCH HOLES INTO BRIDGE PARAPET TO ATTACH DEPARTURE BRACKET.
4. PLACE BACKING PLATE ON TRAFFIC SIDE. INSTALL BOLTS WITH HEAD OF BOLT ON TRAFFIC SIDE.
5. DEPARTURE BRACKET PAY LIMIT WILL INCLUDE THE INSTALLATION OF THE PARAPET DEPARTURE BRACKET, BACKING PLATE, HARDWARE AND SPECIALTY POSTS, HARDWARE AND INSTALLATION OF POSTS TO INCLUDE FOUNDATIONS. MEET UDOT FOUNDATION REQUIREMENTS. MANUFACTURER'S ARE GREATER. SEE STD Dwg BA 5A.
6. LEFT SIDE APPLICATION SHOWN, RIGHT SIDE SIMILAR.

3 CABLE BARRIER CONCRETE BRIDGE PARAPET DEPARTURE BRACKET PLACE ON JERSEY SHAPE PARAPET

SEE NOTES 2, 3 & 4

PLACE ON JERSEY SHAPE PARAPET

SEE NOTES 2, 3 & 4

PLACE ON JERSEY SHAPE PARAPET

PLACE ON CONSTANT SHAPE PLATE