CABLE/W-BEAM/PRECAST CONCRETE BARRIER TRAILING ANCHOR TRANSITION SYSTEM

ATTACH CONNECTION PLATE AS PER STD DWG BA 49
PRECAST CONCRETE BARRIER SEE NOTE 3

SECTION A-A
SEE NOTES 12 & 13

SECTION B-B
SEE NOTES 12 & 13

SECTION C-C
SEE NOTES 12 & 13

END TREATMENT TYPE H OR ANCHOR TYPE 1
PERMISSIBLE TO BEGIN FLARING CABLE AT POST 8 SEE NOTE 14

PERMISSIBLE TO BEGIN FLARING CABLE AT POST 8 SEE NOTE 14

PLAN VIEW
LEFT SHOULDER APPLICATION SHOWN
RIGHT SHOULDER APPLICATION SIMILAR

NOTES:
1. USES:
   A. FREEWAYS, EXPRESSWAY & OTHER DIVIDED ROADWAY LEFT SHOULDER APPLICATION
   1) MEDIUM WIDTH GREATER THAN 40 FT MEASURED FROM EDGE OF TRAVEL LANE TO EDGE OF TRAVEL LANE
   AND BACK SIDE OF INSTALLATION IS OUTSIDE THE MAXIMUM REQUIRED CLEAR ZONE FOR OPPOSING TRAFFIC
   B. SUITABLE FOR RIGHT SHOULDER APPLICATION
2. MEET STANDARD SPECIFICATIONS IZ294 & IZ400 SERIES STD DWG 9 FOR W-BEAM GUARDRAIL UNLESS OTHERWISE SPECIFIED
3. USE ANCHOR TYPE 1 WHEN ENGINEERING JUDGEMENT DETERMINES:
   A. DUE TO ROADSIDE OFFSETS THE PROBABILITY OF IMPACT IS MINIMAL
   B. THE MEDIUM TERRAIN IS SUCH THAT AN ERRANT VEHICLE IS UNLIKELY TO IMPACT THE ANCHORING SYSTEM
   C. THE ANCHORING SYSTEM IS OUTSIDE THE MAXIMUM REQUIRED CLEAR ZONE
4. MEET MANUFACTURER'S REQUIREMENTS FOR CABLE TO RAIL ATTACHMENTS. RAIL, ELEMENT IS CABLE BARRIER SYSTEM SPECIFIC. ELEMENT HANGS IN LENGTH FROM 6 FT 3 INCHES TO 25 FT. SUPPLY ASSOCIATED HARDWARE.
5. INSTALL 12 INCH DIA X 42 INCH DEEP FOUNDATION. MEET ALL OTHER MANUFACTURER'S REQUIREMENTS FOR CAST IN PLACE CABLE POST FOUNDATIONS
6. MEET MANUFACTURER'S REQUIREMENTS FOR CABLE HEIGHT AND SEPARATION
7. USE A MINIMUM OF TWO (2) PRECAST CONCRETE BARRIER SECTIONS WITH STABILIZATION PINS REQUIRED WHEN ATTACHING W-BEAM GUARDRAIL TO EXISTING NON-STANDARD PRECAST BARRIER
8. USE AN APPROVED TYPE H END TREATMENT FROM CURRENT EDITION OF GUIDELINES FOR CRASH CUSHIONS AND BARRIER END TREATMENTS
9. REFER TO STD DWG BA 54 FOR ANCHOR ASSEMBLY REQUIREMENTS
10. STANDARD PRECAST BARRIER SHOWN CAN BE USED WITH PRECAST CONSTANT SLOPE TRANSITION SECTION (STD DWG BA 380) PRIOR TO W-BEAM RAIL ELEMENTS. EIGHT STABILIZATION PINS REQUIRED
11. TYPICAL W-BEAM GUARDRAIL AND ANCHOR TYPE 1 WILL BE PAID AS STANDARD PAY ITEMS
12. REFER TO STD DWG BA 53 & BA 53I FOR OFFSET AND SLOPE REQUIREMENTS. SEE PLAN & ELEV FOR PROJECT OH1561 REQUIREMENTS
13. W-BEAM GUARDRAIL ELEMENTS AND END TREATMENT PLACED 12 FT OR GREATER FROM HINGE POINT CAN BE PLACED ON A 1 SLOPE. SEE BA 4 SERIES STD DWG FOR REQUIREMENTS
14. FLARE RATE: EQUAL TO OR FLATTER THAN 30:1 DESIRABLE, 20:1 MAXIMUM ACCEPTABLE

ELEVATION