55 MPH (90 km/h) DESIGN - 40' (12 m) MEDIAN ALIGN VERTICAL CONNECTING STRIPS (IF USED) 80'-0'' (24.4 m) ON BARRELS AT 45° TO THE EDGE OF TRAFFIC TRAFFIC LANE. (ALL BARRELS) EDGE OF PAVEMENT ⁴⁵° 2' TYP. (600 mm) P.I. OF SHOULDER ¢ OF INERTIAL BARRIER SLOPE TO DRAIN <u>←PIER</u>-MODIFIED 4:1 (1:4) NUMBERS INDICATE HUNDREDS MEDIAN DITCH OF POUNDS (Kilograms) ATTENUATOR BASE (SEE BASE DETAIL) SLOPE TO DRAIN - P.I. OF SHOULDER - EDGE OF PAVEMENT TRAFFIC 31'-6'' (9.6 m) (4.7 m) (4.9 m) 10:1 (1:10) SECTION A-A SOLID LINES IN THE PLAN BASE DETAIL PORTLAND CEMENT CONCRETE, 6" SECTION A-A EXISTING (MODIFIED FOR DRAINAGE STRUCTURE - SHOWN AS DASHED CROSS SECTION LINE IN THE PLAN VIEW) GENERAL NOTES 1. ALL 10:1 (1:10) SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 (1:10) OR FLATTER. GRADING AND SHAPING DETAIL 2. ANY EXISTING DRAINAGE STRUCTURES LOCATED WITHIN THE 80' (24.4 m) WORKING AREA SHALL BE MODIFIED OR LEFT IN PLACE AS SHOWN ON THE PLANS. WHERE THE EXISTING DRAINAGE STRUCTURES ARE TO REMAIN IN PLACE, THE SLOPES ARE TO BE CONSTRUCTED AS SHOWN AS MODIFIED SLOPES ON THIS DETAIL AND AS DIRECTED BY THE ENGINEER. 3. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS. 4. THE LENGTH X WIDTH OF MODULE LAYOUT IS 27.5' x 7.0': 12 MODULES - 12,700 LBS. (8.4 m x 2.1 m : 12 MODULES - 5761 kg). Note: All dimensions are in INCHES (millimeters) unless otherwise shown. 5. IN AREAS OF 10:1 (1:10) SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR WOOD POSTS SHALL BE PLACED AT 5' (1.5 m) INTERVALS IN THE MEDIAN C. SEE SPECIAL PROVISIONS. DISTRICT 5 DETAIL NO. Z0030150A FILE NAME = DESIGNED REVISED - 11/06 USER NAME = craigre COUNTY

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3

TO STA.

SHEET NO. OF SHEETS STA.

SCALE:

CONTRACT NO.

DRAWN

DATE

PLOT DATE = 5/11/2011

CHECKED

REVISED - 12/08

5/11

REVISED

REVISED