

STANDARD NUMBER DESCRIPTION

SECTION A – ROADWAY /PAVEMENT

A1-03 CONCRETE PAVEMENT REPAIR FULL DEPTH
 A2-03 PAVEMENT REPAIR
 A3-00 RESERVED
 A4-02 BUTT JOINTS AND TEMPORARY ASPHALT WEDGE
 A5-02 J.P.C. PAVEMENT 12" OR LESS
 A6-02 J.P.C. PAVEMENT - 13"
 A7-01 PAVEMENT JOINTS
 A8-02 2-LANE CRC PAVEMENT (WITH LUG SYSTEM)
 A9-02 3-LANE CRC PAVEMENT (WITH LUG SYSTEM)
 A10-02 4-LANE CRC PAVEMENT (WITH LUG SYSTEM)
 A11-02 5-LANE CRC PAVEMENT (WITH LUG SYSTEM)
 A12-00 REINFORCEMENT BARS FOR CRC PAVEMENT
 A13-02 CRC ROADWAY TRANSITION PAVEMENT
 A14-01 JOINTING PLAN ENTRANCE RAMP TERMINAL
 A15-01 JOINTING PLAN EXIT RAMP TERMINAL
 A16-01 JOINTING PLAN PARALLEL EXIT RAMP TERMINAL
 A17-01 JOINTING PLAN PARALLEL ENTRANCE RAMP TERMINAL
 A18-02 PRECAST PAVEMENT SLABS

SECTION B – DRAINAGE STRUCTURES, CURBS, CURB AND GUTTER AND DITCHES

B1-06 GUTTER AND CURB DETAILS
 B2-05 TYPE G-2 AND G-3 GUTTER TRANSITIONS
 B3-05 TYPE G-2/G-3 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T6
 B4-00 RESERVED
 B5-02 CONCRETE FLUME DETAILS
 B6-05 HEADWALL TYPE III 18"-24"-30"-36"-42"-48"-54"-60" FOR 1:3, 1:4, 1:6 AND 1:10 SLOPES
 B7-03 CATCH BASIN, TYPE B
 B8-05 CATCH BASINS TYPE G AND TYPE G MODIFIED, FRAMES AND GRATES
 B9-03 SLOPED HEADWALLS TYPE I AND TYPE II
 B10-07 SLOPED HEADWALLS TYPE III DETAILS
 B11-04 SLOPED HEADWALLS TYPE IV DETAILS
 B12-05 TRENCH DRAIN DETAIL
 B13-05 SAFETY END TREATMENT FOR SINGLE CULVERTS 0° SKEW; 1:4 SLOPE; H ≤ 4'
 B14-05 SAFETY END TREATMENT FOR SINGLE AND MULTIPLE CULVERTS 0° SKEW; 1:4 SLOPE; H ≤ 8'
 B15-04 SAFETY END TREATMENT FOR SINGLE CULVERTS 15° SKEW; 1:4 SLOPE; H ≤ 4'
 B16-05 SAFETY END TREATMENT FOR SINGLE AND MULTIPLE CULVERTS 15° SKEW; 1:4 SLOPE; H ≤ 8'
 B17-04 SAFETY END TREATMENT FOR SINGLE CULVERTS 30° SKEW; 1:4 SLOPE; H ≤ 4'
 B18-05 SAFETY END TREATMENT FOR SINGLE AND MULTIPLE CULVERTS 30° SKEW; 1:4 SLOPE; H ≤ 8' AND S-VARIES
 B19-02 EROSION PROTECTION
 B20-04 HEADWALL TYPE IV CONCRETE BOX CULVERT ≤ 84" WIDTH
 B21-02 GRATING FOR HEADWALL TYPE IV BOX CULVERT < 84" WIDTH
 B22-03 HEADWALL TYPE IV METAL PIPE AND PIPE-ARCH CULVERTS
 B23-02 GRATING FOR HEADWALL TYPE IV PIPE & PIPE-ARCH CULVERTS
 B24-03 PIPE UNDERDRAINS
 B25-01 FRAME AND GRATE TYPE 20A
 B26-01 FRAME AND GRATE TYPE 21A
 B27-01 FRAME AND GRATE TYPE 22A
 B28-03 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL)
 B29-02 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)
 B30-02 HEADWALLS TYPE I AND II

STANDARD NUMBER DESCRIPTION

SECTION C – GUARDRAIL /MEDIAN BARRIER

C1-07 GALVANIZED STEEL PLATE BEAM GUARDRAIL
 C2-00 RESERVED
 C3-05 SINGLE FACE REINFORCED CONCRETE BARRIER
 C4-05 CONCRETE SHOULDER BARRIER TRANSITION TYPE F
 C5-04 CONCRETE BARRIER BASE AND CONCRETE BARRIER, DOUBLE FACE, 42" AND VARIABLE HEIGHT
 C6-07 SHOULDER WIDENING FOR TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL) TANGENT
 C7-06 TRAFFIC BARRIER TERMINAL, TYPE T2
 C8-00 RESERVED
 C9-06 TRAFFIC BARRIER TERMINAL, TYPE T6
 C10-06 TRAFFIC BARRIER TERMINAL, TYPE T6B
 C11-05 TRAFFIC BARRIER TERMINAL, TYPE T10
 C12-05 SHOULDER WIDENING FOR TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)
 C13-03 CONCRETE MEDIAN BARRIER TRANSITION, TYPE V-F AT BRIDGE PIERS
 C14-01 CONCRETE MEDIAN BARRIER TRANSITION, TYPE V AT BRIDGE PIERS

SECTION D – ROADWAY APPURTENANCES (FENCE, SYMBOLS, MARKERS AND DELINEATORS)

D1-04 RIGHT OF WAY FENCE
 D2-03 SYMBOLS AND PATTERNS
 D3-01 PERMANENT SURVEY MONUMENTS AND RIGHT-OF-WAY MARKERS
 D4-04 DELINEATORS
 D5-05 PERMANENT PAVEMENT MARKINGS
 D6-05 PAVEMENT MARKING AND SHOULDER RUMBLE STRIP DETAILS
 D7-01 LANDSCAPE PLANTING DETAILS
 D8-01 RAISED PAVEMENT LANE MARKER

SECTION E – MAINTENANCE OF TRAFFIC

E1-05 CONSTRUCTION SIGNS
 E2-05 LANE CLOSURE DETAILS
 E3-04 SHOULDER CLOSURE DETAILS
 E4-05 MAINTENANCE OF TRAFFIC REVERSE CURVE
 E5-04 TEMPORARY GORE DETAILS
 E6-02 CONTRACTOR ACCESS TO WORK AREA
 E7-04 PULL-OUT AREA

SECTION F – SIGN STRUCTURE

F1-05 OVERHEAD SIGN STRUCTURE SPAN TYPE STRUCTURE DETAILS
 F2-00 RESERVED
 F3-00 RESERVED
 F4-06 OVERHEAD SIGN STRUCTURE CANTILEVER TYPE STRUCTURE DETAILS
 F5-00 RESERVED
 F6-00 RESERVED
 F7-00 RESERVED
 F8-05 OVERHEAD SIGN STRUCTURE SIGN AND LUMINAIRE SUPPORTS
 F9-04 BREAKAWAY SIGN SUPPORT DETAILS
 F10-03 MISCELLANEOUS DETAILS AND ALUMINUM SIGN PANELS
 F11-03 MILEPOST MARKER
 F12-01 MOUNTING DETAILS FOR RETROFITTING NEW EXIT SIGN PANELS
 F13-01 OVERHEAD SIGN STRUCTURE MONOTUBE TYPE (STEEL) MAINLINE STRUCTURE DETAILS
 F14-01 OVERHEAD SIGN STRUCTURE BUTTERFLY TYPE STRUCTURE DETAILS
 F15-00 OVERHEAD SIGN STRUCTURE MONOTUBE TYPE (STEEL) STRUCTURE DETAILS FOR AET RAMP
 F16-00 OVERHEAD SIGN STRUCTURE MONOTUBE TYPE (STEEL) STRUCTURE DETAILS FOR CASH - IPO RAMP
 F17-00 OVERHEAD SIGN STRUCTURE SPAN TYPE (STEEL) STRUCTURE DETAILS

STANDARD NUMBER DESCRIPTION

SECTION G – STRUCTURAL

RETIRE D RESERVED

SECTION H – ROADWAY LIGHTING AND ELECTRICAL

H1-04 LIGHT STANDARD FOUNDATION
 H2-03 LIGHT STANDARD DETAILS
 H3-03 BRIDGE CONDUIT DETAILS
 H4-02 HEAVY-DUTY HANDHOLE AND BURIED WIRING DETAILS
 H5-02 SERVICE POLE AND PEDESTAL DETAILS
 H6-03 EXTERIOR CONTROL CONSOLE DETAILS
 H7-02 EXTERIOR CONTROL CONSOLE FOUNDATION DETAILS
 H8-00 INTERIOR CONTROL CONSOLE DETAILS
 H9-00 RESERVED
 H10-02 BRIDGE MOUNT SIGN LIGHTING DETAILS
 H11-03 SPAN TYPE STRUCTURE SIGN LIGHTING DETAILS
 H12-03 CANTILEVER STRUCTURE SIGN LIGHTING DETAILS
 H13-00 RESERVED
 H14-02 SIGN LUMINAIRE MOUNTING DETAIL AND WIRING DIAGRAMS
 H15-00 RESERVED

SECTION K – TEMPORARY EROSION CONTROL

K1-05 TEMPORARY EROSION AND SEDIMENT CONTROLS



DATE	REVISIONS
1-1-2011	REVISED SECTION NUMBERS AND DESCRIPTIONS.
2-7-2012	REVISED SECTION NUMBERS AND DESCRIPTIONS.
11-1-2012	REVISED SECTION NUMBERS AND DESCRIPTIONS.
3-1-2013	REVISED SECTION NUMBERS AND DESCRIPTIONS.
3-31-2014	REVISED DRAWING NUMBERS AND TITLES.
3-31-2014	AND ADDED SECOND INDEX SHEET.
3-11-2015	REVISED DRAWING NUMBERS AND TITLES.

APPROVED *Paul Kovacs* CHIEF ENGINEER DATE 3-11-2015

STANDARD NUMBER DESCRIPTION

SECTION M – BASE SHEETS

EROSION SEDIMENT CONTROL (ESC) – SERIES 200

M-ESC-200 TEMPORARY PIPE SLOPE DRAIN
M-ESC-201 STONE OUTLET STRUCTURE SEDIMENT TRAP
M-ESC-202 DEWATERING BASIN
M-ESC-203 TEMPORARY SWALE
M-ESC-204 DIVERSION DIKE
M-ESC-205 SEDIMENT BASIN DEWATERING DEVICE
M-ESC-206 SEDIMENT BASIN AGGREGATE BERM
M-ESC-207 TEMPORARY SEDIMENT FILTER BAG

ROADWAY (RDY) – SERIES 400

M-RDY-400 ROADWAY TYPICAL SECTION GROUP A
M-RDY-401 ROADWAY TYPICAL SECTION GROUP B
M-RDY-402 ROADWAY TYPICAL SECTION GROUP C
M-RDY-403 ROADWAY TYPICAL SECTION GROUP D
M-RDY-404 ROADWAY TYPICAL SECTION GROUP E
M-RDY-405 ROADWAY TYPICAL SECTION GROUP F
M-RDY-406 ROADWAY TYPICAL SECTION GROUP G
M-RDY-407 EARTHWORKS SCHEDULE
M-RDY-408 APPROACH SLAB MAINLINE
M-RDY-409 APPROACH SLAB RAMP

BRIDGE (BRG) – SERIES 500

M-BRG-500 EXPANSION JOINT FRAME RAIL AND SEAL ALTERNATIVE A
M-BRG-501 EXPANSION JOINT FRAME RAIL AND SEAL ALTERNATIVE B
M-BRG-502 EXPANSION JOINT FRAME RAIL SUPPORT SYSTEM
M-BRG-503 BRIDGE (CONCRETE) MOUNTED SIGN SUPPORT
M-BRG-504 BRIDGE (STEEL) MOUNTED SIGN SUPPORT
M-BRG-505 BRIDGE EXPANSION JOINTS REPLACEMENT AND CONSTRUCTION DETAILS
M-BRG-506 EXPANSION JOINT REPAIR
M-BRG-507 CRASH WALL MODIFICATIONS MEDIAN PIERS
M-BRG-508 CRASH WALL MODIFICATIONS SHOULDER PIERS
M-BRG-509 36" PPC BULB-T BEAM
M-BRG-510 36" PPC BULB-T BEAM DETAILS
M-BRG-511 45" PPC BULB-T BEAM
M-BRG-512 45" PPC BULB-T BEAM DETAILS
M-BRG-513 54" PPC BULB-T BEAM
M-BRG-514 54" PPC BULB-T BEAM DETAILS
M-BRG-515 72" PPC BULB-T BEAM
M-BRG-516 72" PPC BULB-T BEAM DETAILS
M-BRG-517 36", 45", 54" AND 72" PPC BULB-T BEAMS DETAILS
M-BRG-518 36" PPC BULB-T BEAM INTERIOR STEEL DIAPHRAGMS
M-BRG-519 45" PPC BULB-T AND 54" BULB-T BEAMS INTERIOR STEEL DIAPHRAGMS
M-BRG-520 72" PPC BULB-T BEAM INTERIOR STEEL DIAPHRAGMS
M-BRG-521 RAILROAD BRIDGE FENCE
M-BRG-522 PPC U-BEAM PRETENSIONED
M-BRG-523 72" AND 84" PPC U-BEAM POST-TENSIONED
M-BRG-524 PPC U-BEAM MISCELLANEOUS DETAILS

DRAINAGE (DRN) – SERIES 600

M-DRN-600 OUTLET CONTROL STRUCTURE CHECK DAM DETAILS
M-DRN-601 SLOPE DRAIN

MOT (MOT) – SERIES 700

M-MOT-700 TEMPORARY CONCRETE BARRIER "Y" CONNECTOR SEGMENT

OVERHEAD SIGN (OHS) – SERIES 720

M-OHS-720 OVERHEAD SIGN STRUCTURE SPAN TYPE SUMMARY AND TOTAL BILL OF MATERIAL
M-OHS-721 OVERHEAD SIGN STRUCTURE CANTILEVER TYPE SUMMARY AND TOTAL BILL OF MATERIAL
M-OHS-722 OVERHEAD SIGN STRUCTURE ENTRANCE MONOTUBE TYPE (STEEL) MAINLINE SUMMARY AND TOTAL BILL OF MATERIAL
M-OHS-723 OVERHEAD SIGN STRUCTURE EXIT MONOTUBE TYPE (STEEL) MAINLINE SUMMARY AND TOTAL BILL OF MATERIAL
M-OHS-724 OVERHEAD SIGN STRUCTURE BUTTERFLY TYPE (STEEL) SUMMARY AND TOTAL BILL OF MATERIAL

STANDARD NUMBER DESCRIPTION

SECTION M – BASE SHEETS

OVERHEAD SIGN (OHS) – SERIES 720

M-OHS-725 OVERHEAD SIGN STRUCTURE ENTRANCE MONOTUBE TYPE (STEEL) AET RAMP SUMMARY AND TOTAL BILL OF MATERIAL
M-OHS-726 OVERHEAD SIGN STRUCTURE EXIT MONOTUBE TYPE (STEEL) AET RAMP SUMMARY AND TOTAL BILL OF MATERIAL
M-OHS-727 OVERHEAD SIGN STRUCTURE MONOTUBE TYPE (STEEL) CASH-IPO RAMP SUMMARY AND TOTAL BILL OF MATERIAL
M-OHS-728 OVERHEAD SIGN STRUCTURE SPAN TYPE (STEEL) SUMMARY AND TOTAL BILL OF MATERIAL
M-OHS-729 OVERHEAD SIGN STRUCTURE ITS GANTRY FRAME (STEEL) SINGLE SPAN STRUCTURE DETAILS
M-OHS-730 OVERHEAD SIGN STRUCTURE ITS GANTRY FRAME (STEEL) TWO-SPAN STRUCTURE DETAILS

POLE ASSEMBLY – SERIES 1000

M-ITS-1000 ELEVATION VIEWS POLE MOUNTED ITS ELEMENT ASSEMBLY
M-ITS-1001 GENERAL NOTES POLE MOUNTED ITS ELEMENT ASSEMBLY

DYNAMIC MESSAGE SIGN – SERIES 1100

M-ITS-1100 DMS TYPE-1 ELECTRICAL PLAN
M-ITS-1101 DMS TYPE-1 SITE GROUNDING PLAN
M-ITS-1102 DMS TYPE-1 TYPICAL SITE WIRING DETAIL
M-ITS-1103 DMS TYPE-2 CANTILEVER ELECTRICAL PLAN
M-ITS-1104 DMS TYPE-2 BUTTERFLY ELECTRICAL PLAN
M-ITS-1105 DMS TYPE-2 SITE GROUNDING PLAN
M-ITS-1106 DMS TYPE-2 SITE WIRING DETAIL
M-ITS-1107 DMS CABINET LAYOUT DETAIL
M-ITS-1108 DMS CABINET WIRING DIAGRAM

CABINET WIRING – SERIES 1200

M-ITS-1200 CABINET WIRING DIAGRAM ITS POLE MOUNTED ENCLOSURE (CCTV AND MVDS)
M-ITS-1201 CCTV CAMERA ITS ASSEMBLY
M-ITS-1202 DUAL CCTV CAMERA ITS ASSEMBLY
M-ITS-1203 MVDS ITS ASSEMBLY
M-ITS-1204 DUAL MVDS ITS ASSEMBLY
M-ITS-1205 THREE MVDS ITS ASSEMBLY
M-ITS-1206 CO-LOCATED SOLAR POWERED GENERATOR ASSEMBLY
M-ITS-1207 SOLAR POWERED GENERATOR ASSEMBLY
M-ITS-1208 WIRELESS COMMUNICATION ITS ASSEMBLY
M-ITS-1209 FIBER OPTIC COMMUNICATIONS ITS ASSEMBLY
M-ITS-1210 SENSYS AP POE AND INJECTOR ITS ASSEMBLY
M-ITS-1211 MVDS AC AND FOC ITS ASSEMBLY
M-ITS-1212 MVDS AC AND WIRELESS ITS ASSEMBLY
M-ITS-1213 MVDS CO-LOCATED DC SOLAR AND FOC ITS ASSEMBLY
M-ITS-1214 MVDS CO-LOCATED DC SOLAR AND WIRELESS ITS ASSEMBLY
M-ITS-1215 DUAL MVDS AC AND FOC ITS ASSEMBLY
M-ITS-1216 DUAL MVDS AC AND WIRELESS ITS ASSEMBLY
M-ITS-1217 DUAL MVDS CO-LOCATED DC SOLAR AND FOC ITS ASSEMBLY
M-ITS-1218 DUAL MVDS CO-LOCATED DC SOLAR AND WIRELESS ITS ASSEMBLY
M-ITS-1219 THREE MVDS AC AND FOC ITS ASSEMBLY
M-ITS-1220 THREE MVDS AC AND WIRELESS ITS ASSEMBLY
M-ITS-1221 THREE MVDS CO-LOCATED DC SOLAR AND FOC ITS ASSEMBLY
M-ITS-1222 THREE MVDS CO-LOCATED DC SOLAR AND WIRELESS ITS ASSEMBLY
M-ITS-1223 CCTV AC AND FOC ITS ASSEMBLY
M-ITS-1224 CCTV AC AND WIRELESS ITS ASSEMBLY
M-ITS-1225 CCTV SOLAR GENERATOR AND FOC ITS ASSEMBLY
M-ITS-1226 CCTV SOLAR GENERATOR AND WIRELESS ITS ASSEMBLY
M-ITS-1227 DUAL CCTV AC AND FOC ITS ASSEMBLY
M-ITS-1228 DUAL CCTV AC AND WIRELESS ITS ASSEMBLY
M-ITS-1229 DUAL CCTV SOLAR GENERATOR AND FOC ITS ASSEMBLY
M-ITS-1230 DUAL CCTV SOLAR GENERATOR AND WIRELESS ITS ASSEMBLY
M-ITS-1231 CCTV AND MVDS AC AND FOC ITS ASSEMBLY
M-ITS-1332 CCTV AND MVDS AC AND WIRELESS ITS ASSEMBLY
M-ITS-1233 CCTV AND MVDS SOLAR GENERATOR AND FOC ITS ASSEMBLY
M-ITS-1234 CCTV AND MVDS SOLAR GENERATOR AND WIRELESS ITS ASSEMBLY
M-ITS-1235 CCTV AND DUAL MVDS AC AND FOC ITS ASSEMBLY
M-ITS-1236 CCTV AND DUAL MVDS AC AND WIRELESS ITS ASSEMBLY
M-ITS-1237 CCTV AND DUAL MVDS SOLAR GENERATOR AND FOC ITS ASSEMBLY
M-ITS-1238 CCTV AND DUAL MVDS SOLAR GENERATOR AND WIRELESS ITS ASSEMBLY
M-ITS-1239 CCTV AND THREE MVDS AC AND FOC ITS ASSEMBLY
M-ITS-1240 CCTV AND THREE MVDS AC AND WIRELESS ITS ASSEMBLY
M-ITS-1241 CCTV AND THREE MVDS SOLAR GENERATOR AND FOC ITS ASSEMBLY
M-ITS-1242 CCTV AND THREE MVDS SOLAR GENERATOR AND WIRELESS ITS ASSEMBLY

STANDARD NUMBER DESCRIPTION

SECTION M – BASE SHEETS

CABINET WIRING – SERIES 1200

M-ITS-1243 DUAL CCTV AND MVDS AC AND FOC ITS ASSEMBLY
M-ITS-1244 DUAL CCTV AND MVDS AC AND WIRELESS ITS ASSEMBLY
M-ITS-1245 DUAL CCTV AND MVDS SOLAR GENERATOR AND FOC ITS ASSEMBLY
M-ITS-1246 DUAL CCTV AND MVDS SOLAR GENERATOR AND WIRELESS ITS ASSEMBLY
M-ITS-1247 DUAL CCTV AND DUAL MVDS AC AND FOC ITS ASSEMBLY
M-ITS-1248 DUAL CCTV AND DUAL MVDS AC AND WIRELESS ITS ASSEMBLY
M-ITS-1249 DUAL CCTV AND DUAL MVDS SOLAR GENERATOR AND FOC ITS ASSEMBLY
M-ITS-1250 DUAL CCTV AND DUAL MVDS SOLAR GENERATOR AND WIRELESS ITS ASSEMBLY
M-ITS-1251 DUAL CCTV AND THREE MVDS AC AND FOC ITS ASSEMBLY
M-ITS-1252 DUAL CCTV AND THREE MVDS AC AND WIRELESS ITS ASSEMBLY
M-ITS-1253 DUAL CCTV AND THREE MVDS SOLAR GENERATOR AND FOC ITS ASSEMBLY
M-ITS-1254 DUAL CCTV AND THREE MVDS SOLAR GENERATOR AND WIRELESS ITS ASSEMBLY
M-ITS-1255 TOWER MOUNTED CCTV ITS ASSEMBLY
M-ITS-1256 TOWER MOUNTED CCTV ITS ASSEMBLY 300' CAT-5E OR LESS

ROADWAY WEATHER INFORMATION SYSTEM – SERIES 1300

M-ITS-1300 ROADWAY WEATHER INFORMATION SYSTEM
M-ITS-1301 ROADWAY WEATHER INFORMATION SYSTEM
M-ITS-1302 ROADWAY WEATHER INFORMATION SYSTEM
M-ITS-1303 ROADWAY WEATHER INFORMATION SYSTEM ROAD SURFACE SENSOR POLE

SOLAR SYSTEM – SERIES 1400

M-ITS-1400 SOLAR POWER GENERATOR DETAILS
M-ITS-1401 SOLAR POWER GENERATOR CABINET 1-LINE ELECTRICAL DIAGRAM
M-ITS-1402 POLE MOUNTED SOLAR MVDS ASSEMBLY

CCTV TOWER CAMERA – SERIES 1500

M-ITS-1500 ITS DETAILS TOWER MOUNT CAMERA DETAILS
M-ITS-1501 ITS DETAILS TOWER MOUNT CAMERA ASSEMBLY 300' CAT-5E OR MORE
M-ITS-1502 ITS DETAILS TOWER MOUNT CAMERA ASSEMBLY 300' CAT-5E OR LESS



APPROVED *Paul Kovacs* CHIEF ENGINEER DATE 3-11-2015