

INDEX OF STANDARD DRAWINGS

SECTION A – ROADWAY /PAVEMENT

DRAWING NUMBER	DESCRIPTION
A1-07	CONCRETE PAVEMENT REPAIR FULL DEPTH
A2-06	ASPHALT OVERLAY REPAIR
A3	RESERVED
A4-05	BUTT JOINTS AND TEMPORARY ASPHALT WEDGE
A5-05	J.P.C. PAVEMENT
A6	RESERVED
A7-03	PAVEMENT JOINTS
A8	RESERVED
A9	RESERVED
A10	RESERVED
A11	RESERVED
A12-00	JOINTING PLAN ENTRANCE RAMP TERMINAL WITH AUXILIARY LANE
A13-02	JOINTING PLAN EXIT RAMP TERMINAL WITH AUXILIARY LANE
A14-05	JOINTING PLAN ENTRANCE RAMP TERMINAL
A15-05	JOINTING PLAN EXIT RAMP TERMINAL
A16-05	JOINTING PLAN PARALLEL EXIT RAMP TERMINAL LOOP RAMP ONLY
A17-05	JOINTING PLAN PARALLEL ENTRANCE RAMP TERMINAL LOOP RAMP ONLY
A18-05	PRECAST PAVEMENT SLABS
A19-00	DOWEL BAR RETROFIT

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

DRAWING NUMBER	DESCRIPTION
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B3-08	TYPE G-2/G-3 GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T6
B4	RESERVED
B5-04	CONCRETE FLUME DETAILS
B6-07	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
B8-06	CATCH BASINS TYPE G AND TYPE G MODIFIED, FRAMES AND GRATES
B9-04	SLOPED HEADWALLS TYPE I AND TYPE II
B10-10	SLOPED HEADWALLS TYPE III DETAILS
B11	RESERVED
B12-07	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
B20-05	HEADWALL TYPE IV CONCRETE BOX CULVERT < 84" WIDTH
B21-03	GRATING FOR HEADWALL TYPE IV BOX CULVERT < 84" WIDTH
B22-04	HEADWALL TYPE IV METAL PIPE AND PIPE-ARCH CULVERTS
B23-03	GRATING FOR HEADWALL TYPE IV PIPE & PIPE-ARCH CULVERTS
B24-07	PIPE UNDERDRAINS
B25-01	FRAME AND GRATE TYPE 20A
B26	RESERVED
B27-01	FRAME AND GRATE TYPE 22A
B28-05	GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL)
B29-03	GUTTER TRANSITION AT TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)
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DRAWING NUMBER	DESCRIPTION
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C2	RESERVED
C3-07	CONCRETE BARRIER SINGLE FACE, REINFORCED 42 INCH
C4-08	CONCRETE SHOULDER BARRIER TRANSITION TYPE V-SF
C5-06	CONCRETE BARRIER BASE AND CONCRETE BARRIER, DOUBLE FACE, 44" AND VARIABLE HEIGHT
C6-10	SHOULDER WIDENING FOR TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL) TANGENT
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E3-07	SHOULDER CLOSURE DETAILS
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DRAWING NUMBER	DESCRIPTION
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F3	RESERVED
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F5	RESERVED
F6	RESERVED
F7	RESERVED
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F9-05	BREAKAWAY SIGN SUPPORT DETAILS
F10-03	MISCELLANEOUS DETAILS AND ALUMINUM SIGN PANELS
F11-05	MILEPOST MARKER
F12	RESERVED
F13-04	OVERHEAD SIGN STRUCTURE MONOTUBE TYPE (STEEL) MAINLINE STRUCTURE DETAILS
F14-04	OVERHEAD SIGN STRUCTURE BUTTERFLY TYPE STRUCTURE DETAILS
F15-03	OVERHEAD SIGN STRUCTURE MONOTUBE TYPE (STEEL) STRUCTURE DETAILS FOR AET RAMP
F16-02	OVERHEAD SIGN STRUCTURE MONOTUBE TYPE (STEEL) STRUCTURE DETAILS FOR CASH - IPO RAMP
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DRAWING NUMBER	DESCRIPTION
RETIRED	RESERVED

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DRAWING NUMBER	DESCRIPTION
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H2-07	LIGHT STANDARD DETAILS
H3-06	BRIDGE CONDUIT DETAILS
H4-04	HEAVY-DUTY HANDHOLE AND BURIED WIRING DETAILS
H5-05	SERVICE POLE AND PEDESTAL DETAILS
H6-06	EXTERIOR CONTROL CONSOLE DETAILS
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H9-01	UNDERPASS LIGHTING INSTALLATION DETAILS
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H11-05	SPAN TYPE STRUCTURE SIGN LIGHTING DETAILS
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DRAWING NUMBER	DESCRIPTION
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DRAWING NUMBER	DESCRIPTION
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L2-00	FIBER OPTIC SPLICING DETAILS

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DRAWING NUMBER	DESCRIPTION
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

DRAWING NUMBER	DESCRIPTION
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M-RDY-401	ROADWAY TYPICAL SECTION GROUP B
M-RDY-402	RESERVED
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
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M-RDY-408	APPROACH SLAB, MAINLINE
M-RDY-409	APPROACH SLAB, RAMP
M-RDY-410	PRECAST APPROACH SLAB W/ CIP TRANSITION SLAB
M-RDY-411	EMERGENCY TURNAROUND MEDIAN WIDTH > 35 FT.
M-RDY-412	ROADWAY SUBGRADE SLOPES MEDIAN BARRIER
M-RDY-413	LONGITUDINAL GROOVING OF PLAZA
M-RDY-414	ROADWAY PROFILE & SUPERELEVATION

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DRAWING NUMBER	DESCRIPTION
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	RESERVED
M-BRG-506	RESERVED
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
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M-BRG-518	36" PPC BULB-T BEAM INTERIOR STEEL DIAPHRAGMS
M-BRG-519	45" PPC BULB-T AND 54" PPC BULB-T BEAMS INTERIOR STEEL DIAPHRAGMS
M-BRG-520	72" PPC BULB-T BEAM INTERIOR STEEL DIAPHRAGMS
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M-BRG-522	PPC U-BEAM PRE-TENSIONED
M-BRG-523	72" AND 84" PPC U-BEAM POST-TENSIONED
M-BRG-524	PPC U-BEAM MISCELLANEOUS DETAILS
M-BRG-525	SLOPEWALL DETAILS
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DRAWING NUMBER	DESCRIPTION
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M-DRN-601	SLOPE DRAIN
M-DRN-602	BIOSWALE
M-DRN-603	ARTICULATED CONCRETE BLOCK REVTMENT SYSTEM

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DRAWING NUMBER	DESCRIPTION
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DRAWING NUMBER	DESCRIPTION
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
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
M-OHS-731	MOUNTING DETAILS FOR RETROFITTING NEW EXIT SIGN PANELS

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DRAWING NUMBER	DESCRIPTION
M-ITS-1000	ELEVATION VIEWS POLE MOUNTED ITS ELEMENT ASSEMBLY
M-ITS-1001	GENERAL NOTES POLE MOUNTED ITS ELEMENT ASSEMBLY
M-ITS-1002	ITS STANDARD FOUNDATION
M-ITS-1003	ITS CONCRETE SERVICE PAD
M-ITS-1004	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (SOLAR POWERED 1-MDVS)

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DRAWING NUMBER	DESCRIPTION
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
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M-ITS-1105	DMS TYPE 2 SITE GROUNDING PLAN
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M-ITS-1107	DMS CABINET LAYOUT DETAIL
M-ITS-1108	DMS CABINET WIRING DIAGRAM

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DRAWING NUMBER	DESCRIPTION
M-ITS-1200	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (1-MVDS)
M-ITS-1201	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (2-MVDS)
M-ITS-1202	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (3-MVDS)
M-ITS-1203	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (1-CCTV CAMERA)
M-ITS-1204	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (1-CCTV CAMERA AND 1-MVDS)
M-ITS-1205	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (1-CCTV CAMERA AND 2-MVDS)
M-ITS-1206	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (1-CCTV CAMERA AND 3-MVDS)
M-ITS-1207	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (2-CCTV CAMERAS)
M-ITS-1208	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (2-CCTV CAMERA AND 1-MVDS)
M-ITS-1209	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (2-CCTV CAMERA AND 2-MVDS)
M-ITS-1210	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (2-CCTV CAMERA AND 3-MVDS)
M-ITS-1211	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (1-MVDS) SOLAR GENERATOR AND FOC
M-ITS-1212	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (2-MVDS) SOLAR GENERATOR AND FOC
M-ITS-1213	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (3-MVDS) SOLAR GENERATOR AND FOC
M-ITS-1214	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (1-MVDS) SOLAR GENERATOR AND WIRELESS
M-ITS-1215	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (2-MVDS) SOLAR GENERATOR AND WIRELESS
M-ITS-1216	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (3-MVDS) SOLAR GENERATOR AND WIRELESS
M-ITS-1217	CABINET WIRING DIAGRAM IN PAVEMENT DETECTION SYSTEM AP, POE, AND INJECTOR ITS ASSEMBLY

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DRAWING NUMBER	DESCRIPTION
M-ITS-1300	RWIS POLE, SENSOR MOUNTING DETAIL
M-ITS-1301	RWIS CABINET WIRING DIAGRAM
M-ITS-1302	TYPICAL RWIS SITE INSTALLATION PLAN
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DRAWING NUMBER	DESCRIPTION
M-ITS-1400	SOLAR POWER GENERATOR DETAILS
M-ITS-1401	SOLAR POWER GENERATOR CABINET 1-LINE ELECTRICAL DIAGRAM

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DRAWING NUMBER	DESCRIPTION
M-ITS-1500	ITS DETAILS TOWER MOUNT CAMERA DETAILS
M-ITS-1501	ITS DETAILS TOWER MOUNT CAMERA ASSEMBLY 300' CAT6 OR MORE
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M-ITS-1503	CABINET WIRING DIAGRAM TOWER MOUNTED CCTV ITS ASSEMBLY



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DRAWING NUMBER	DESCRIPTION
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M-WIM-1601	WEIGH-IN-MOTION IP CAMERA DETAILS
M-WIM-1602	WEIGH-IN-MOTION LOOP DETECTOR DETAILS
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M-WIM-1604	INSTALLATION DETAIL DETECTOR HOUSING & DETECTOR HOUSING ADAPTER
M-WIM-1605	WEIGH-IN-MOTION DETECTOR HOUSING DETAIL
M-WIM-1606	WEIGH-IN-MOTION JUNCTION BOX DETAIL

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DRAWING NUMBER	DESCRIPTION
M-ITS-1700	FLASHING SIGN BEACON INSTALLATION BREAKAWAY ELECTRICAL DETAIL
M-ITS-1701	CABINET LAYOUT AND WIRING ITS POLE MOUNTED ENCLOSURE (1-CCTV AND FLASHING SIGN BEACON)

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DRAWING NUMBER	DESCRIPTION
M-ITS-1800	IPDC FACILITY CABLE/CONDUIT SCHEDULES AND NOTES
M-ITS-1801	IPDC FACILITY LEGEND, SYMBOL LIST, ABBREVIATIONS AND EQUIPMENT SCHEDULES
M-ITS-1802	IPDC FACILITY SITE PLAN
M-ITS-1803	IPDC FACILITY EXTERIOR ELEVATIONS
M-ITS-1804	IPDC FACILITY INTERIOR ELEVATIONS
M-ITS-1805	IPDC FACILITY UNDERGROUND CONDUIT PLAN
M-ITS-1806	IPDC FACILITY EQUIPMENT LAYOUT
M-ITS-1807	IPDC FACILITY SINGLE LINE DIAGRAM
M-ITS-1808	IPDC FACILITY PANELBOARD SCHEDULES
M-ITS-1809	IPDC FACILITY LIGHTING AND RECEPTACLE PLAN
M-ITS-1810	IPDC FACILITY GROUNDING PLAN
M-ITS-1811	IPDC FACILITY GROUNDING SCHEMATIC
M-ITS-1812	IPDC FACILITY NETWORK DIAGRAM AND MISCELLANEOUS DETAILS
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DRAWING NUMBER	DESCRIPTION
M-ITS-1900	CONDUIT DETAILS AT INTEGRAL ABUTMENT BRIDGE STANDARD SLOPE WALL

100 FT MONOPOLE CLOSED CIRCUIT TELEVISION (CCTV) CAMERA TOWER (ITS) – SERIES 2000

DRAWING NUMBER	DESCRIPTION
M-ITS-2000	100 FT MONOPOLE CCTV CAMERA TOWER

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DRAWING NUMBER	DESCRIPTION
M-BUS-2500	CABLE CONDUIT SCHEDULE AND GENERAL NOTES
M-BUS-2501	LEGEND, SYMBOL LIST, ABBREVIATIONS AND EQUIPMENT SCHEDULES
M-BUS-2502	SINGLE LINE DIAGRAM AND UTILITY POWER CABLE/CONDUIT SCHEDULE
M-BUS-2503	CONTROL BUILDING LIGHTING PLAN AND MISCELLANEOUS DETAILS - MAIN PLAZA
M-BUS-2504	CONTROL BUILDING LIGHTING PLAN AND MISCELLANEOUS DETAILS - REMOTE PLAZA
M-BUS-2505	CONTROL BUILDING GROUNDING DETAILS - MAIN PLAZA
M-BUS-2506	CONTROL BUILDING GROUNDING DETAILS - REMOTE PLAZA
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M-BUS-2508	CONTROL BUILDING MISCELLANEOUS DETAILS
M-BUS-2509	UPS SINGLE LINE AND WIRING DIAGRAM
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M-BUS-2514	RAMP PLAZA MONOTUBE DETAILS ACM AND IPO LANES
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M-BUS-2518	MISCELLANEOUS CROSS SECTION DETAILS
M-BUS-2519	COMED TRANSFORMER PAD DETAIL
M-BUS-2520	ELECTRICAL SITE PLAN - ACM AND IPO LANES
M-BUS-2521	UNDERGROUND ELECTRICAL PLAN - ACM AND IPO LANES - MAIN PLAZA
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M-BUS-2524	AUTOMATIC LANE ISLAND PLAN AND DETAILS 12 FOOT WIDE LANE
M-BUS-2525	I-PASS ONLY (IPO) LANE ISLAND PLAN AND DETAILS 12 FOOT WIDE LANE
M-BUS-2526	TOLL EQUIPMENT WIRING DIAGRAM - ACM AND IPO LANES
M-BUS-2527	LOOP AND TREADLE INSTALLATION DETAILS - ACM LANES
M-BUS-2528	CONTROL BUILDING TSIC - ACM AND IPO LANES - MAIN PLAZA
M-BUS-2529	CONTROL BUILDING TSIC - ACM AND IPO LANES - REMOTE PLAZA
M-BUS-2530	TSIC TERMINAL BLOCK LAYOUT - ACM AND IPO LANES
M-BUS-2531	CONTROL BUILDING EQUIPMENT LAYOUT - ACM AND IPO LANES - MAIN PLAZA
M-BUS-2532	CONTROL BUILDING EQUIPMENT LAYOUT - ACM AND IPO LANES - REMOTE PLAZA
M-BUS-2533	CONTROL BUILDING R3 RACK - MAIN PLAZA
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M-BUS-2535	MISCELLANEOUS DETAIL - ACM AND IPO LANES
M-BUS-2536	PANELBOARD SCHEDULES FOR TP1 AND TP2 - ACM AND IPO LANES
M-BUS-2537	PANELBOARD SCHEDULES FOR MDP AND UPS UNITS - ACM AND IPO LANES
M-BUS-2538	FIBER INTERCONNECTIONS BETWEEN MAIN AND REMOTE PLAZAS - ACM AND IPO LANES
M-BUS-2539	PLAZA LANE CONTROL SIGNAL - ACM AND IPO LANES
M-BUS-2540	TRAFFIC LIGHT DETAILS - ACM LANES
M-BUS-2541	TRAFFIC LIGHT DETAILS - IPO LANES
M-BUS-2542	ELECTRICAL SITE PLAN AET LANES
M-BUS-2543	UNDERGROUND CONDUIT PLAN - MAIN PLAZA
M-BUS-2544	UNDERGROUND CONDUIT PLAN - REMOTE PLAZA
M-BUS-2545	CONTROL BUILDING EQUIPMENT LAYOUT - REMOTE PLAZA
M-BUS-2546	CONTROL BUILDING EQUIPMENT LAYOUT - MAIN PLAZA
M-BUS-2547	CONTROL BUILDING TSIC - MAIN AND REMOTE PLAZAS - AET LANES
M-BUS-2548	TSIC TERMINAL BLOCK LAYOUT MAIN AND REMOTE PLAZAS - AET LANES
M-BUS-2549	PANELBOARD SCHEDULES - MAIN PLAZA AET LANES
M-BUS-2550	PANELBOARD SCHEDULES - REMOTE PLAZA AET LANES
M-BUS-2551	WIRING DIAGRAM - AET 1-LANE LAYOUT
M-BUS-2552	WIRING DIAGRAM - AET 3-LANE LAYOUT
M-BUS-2553	LOOP PLAN - AET 1-LANE LAYOUT
M-BUS-2554	LOOP PLAN - AET 3-LANE LAYOUT
M-BUS-2555	VES WASH SYSTEM ENCLOSURE DETAIL
M-BUS-2556	VES WASH SYSTEM PANEL DETAIL
M-BUS-2557	VES WASH SYSTEM FLOW DIAGRAM AND MECHANICAL DETAIL
M-BUS-2558	VES WASH SYSTEM SUGGESTED CONDUIT ROUTING
M-BUS-2559	VES WASH SYSTEM MISCELLANEOUS POWER WIRING DIAGRAM
M-BUS-2560	VES WASH SYSTEM CONTROL SWITCH SCHEMATIC

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