

INDEX OF BASE SHEETS SECTION M

EROSION AND SEDIMENT CONTROL (ESC) – SERIES 200

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	SEDIMENT FILTER BAG

ROADWAY (RDY) – SERIES 400

DRAWING NUMBER	DESCRIPTION
M-RDY-400	ROADWAY TYPICAL SECTIONS - GROUP A
M-RDY-401	ROADWAY TYPICAL SECTIONS - GROUP B
M-RDY-403	ROADWAY TYPICAL SECTIONS - GROUP D
M-RDY-404	ROADWAY TYPICAL SECTIONS - GROUP E
M-RDY-405	ROADWAY TYPICAL SECTIONS - GROUP F
M-RDY-406	ROADWAY TYPICAL SECTIONS - GROUP G
M-RDY-407	EARTHWORK SCHEDULE GUARDRAIL SCHEDULE
M-RDY-408	APPROACH SLAB, MAINLINE
M-RDY-409	APPROACH SLAB, RAMP
M-RDY-410	PRECAST APPROACH SLAB WITH CIP TRANSITION SLAB
M-RDY-411	EMERGENCY TURNAROUND MEDIAN WIDTH ≥ 35 FT. EMERGENCY TURNAROUND MEDIAN WIDTH < 35 FT.
M-RDY-412	ROADWAY SUBGRADE SLOPES - MEDIAN BARRIER
M-RDY-413	DIAMOND GRINDING OF PLAZA
M-RDY-414	ROADWAY PROFILE & SUPERELEVATION
M-RDY-415	LONGITUDINAL JOINT SEALANT
M-RDY-416	ENVIRONMENTAL SOIL CLASSIFICATION
M-RDY-417	MAINLINE TOLL PLAZA PAVEMENT DETAILS
M-RDY-418	RAMP TOLL PLAZA PAVEMENT DETAILS

BRIDGE (BRG) – SERIES 500

DRAWING NUMBER	DESCRIPTION
M-BRG-500	EXPANSION JOINT FRAME RAIL AND SEAL ALTERNATE A
M-BRG-501	EXPANSION JOINT FRAME RAIL AND SEAL ALTERNATE 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-507	CRASH WALL MODIFICATIONS MEDIAN PIERS
M-BRG-508	CRASH WALL MODIFICATIONS SHOULDER PIERS
M-BRG-517	PPC BEAM DETAILS
M-BRG-521	RAILROAD BRIDGE FENCE
M-BRG-522	PPC U-BEAM PRETENSIONED
M-BRG-523	72IN. AND 84IN. PPC U-BEAM POST-TENSIONED
M-BRG-524	PPC U-BEAM MISCELLANEOUS DETAILS
M-BRG-525	SLOPEWALL DETAILS
M-BRG-526	DEMOLITION PLAN
M-BRG-527	ERECTION PLAN - CONCRETE
M-BRG-528	ERECTION PLAN - STEEL
M-BRG-529	STRUCTURE MOUNTED NOISE ABATEMENT WALL COVER SHEET AND SCHEDULE
M-BRG-530	STRUCTURE MOUNTED NOISE ABATEMENT WALL EXPANSION DETAILS
M-BRG-531	STRUCTURE MOUNTED NOISE ABATEMENT WALL COVER SHEET AND SCHEDULE; BUMP-OUT MOUNTED NOISE ABATEMENT WALL COVER SHEET
M-BRG-532	GROUND MOUNTED NOISE ABATEMENT WALL COVER SHEET, SCHEDULE AND DETAILS

DRAINAGE (DRN) – SERIES 600

DRAWING NUMBER	DESCRIPTION
M-DRN-600	OUTLET CONTROL STRUCTURE CHECK DAM DETAILS
M-DRN-601	SLOPE DRAIN
M-DRN-602	BIOSWALE
M-DRN-603	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM
M-DRN-604	CATCH BASIN TYPE G (SPECIAL) WITH RESTRICTOR
M-DRN-605	BUMP OUT FOR STORMWATER TREATMENT SYSTEM
M-DRN-606	EXPOSED MOMENT SLAB WITH DRAINAGE STRUCTURE
M-DRN-607	NOISE ABATEMENT WALL DRAINAGE DETAILS (ROADWAY SIDE)
M-DRN-608	NOISE ABATEMENT WALL DRAINAGE DETAILS (RESIDENTIAL SIDE)
M-DRN-609	STATION AND OFFSET FOR DRAINAGE STRUCTURES
M-DRN-610	SINGLE FACE CONCRETE BARRIER WITH DRAINAGE STRUCTURE

MAINTENANCE OF TRAFFIC (MOT) – SERIES 700

DRAWING NUMBER	DESCRIPTION
M-MOT-701	TCB CONNECTION TO SINGLE FACE CONCRETE BARRIER

OVERHEAD SIGN (OHS) – SERIES 720

DRAWING NUMBER	DESCRIPTION
M-OHS-720	OVERHEAD SIGN STRUCTURE SPAN TYPE SUMMARY AND 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 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-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
M-OHS-732	SIGN STRUCTURE SPAN SITE GROUNDING PLAN
M-OHS-733	SIGN STRUCTURE CANTILEVER AND BUTTERFLY SITE GROUNDING PLANS
M-OHS-734	OVERHEAD SIGN STRUCTURE AET RAMP MONOTUBE TYPE (STEEL) GROUND MOUNTED SUMMARY AND TOTAL BILL OF MATERIAL
M-OHS-735	OVERHEAD SIGN STRUCTURE AET RAMP MONOTUBE TYPE (STEEL) BARRIER MOUNTED SUMMARY AND TOTAL BILL OF MATERIAL



INDEX OF BASE SHEETS SECTION M

POLE ASSEMBLY – SERIES 1000

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	SPACER - DUCT PACKAGE IN A TRENCH

DYNAMIC MESSAGE SIGN – SERIES 1100

DRAWING NUMBER	DESCRIPTION
M-ITS-1100	DMS WALK-IN ELECTRICAL SCHEMATIC
M-ITS-1101	DMS WALK-IN SITE GROUNDING PLAN
M-ITS-1102	DMS WALK-IN TYPICAL SITE GROUNDING DETAIL
M-ITS-1103	DMS FRONT ACCESS-CANTILEVER ELECTRICAL SCHEMATIC
M-ITS-1104	DMS FRONT ACCESS-BUTTERFLY ELECTRICAL SCHEMATIC
M-ITS-1105	DMS FRONT ACCESS SITE GROUNDING PLAN
M-ITS-1106	DMS FRONT ACCESS SITE WIRING DETAIL
M-ITS-1107	DMS CABINET LAYOUT DETAIL
M-ITS-1108	DMS CABINET WIRING DIAGRAM

CABINET WIRING – SERIES 1200

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-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

ROADWAY WEATHER INFORMATION SYSTEM – SERIES 1300

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
M-ITS-1303	TYPICAL RWIS GROUNDING SCHEMATIC

SOLAR POWERED GENERATOR ASSEMBLY – SERIES 1400

DRAWING NUMBER	DESCRIPTION
M-ITS-1400	SOLAR POWER GENERATOR DETAILS
M-ITS-1401	SOLAR POWER GENERATOR CABINET 1-LINE ELECTRICAL DIAGRAM

TOWER MOUNTED CAMERA ASSEMBLY – SERIES 1500

DRAWING NUMBER	DESCRIPTION
M-ITS-1500	ITS DETAILS TOWER MOUNT CAMERA DETAILS
M-ITS-1502	ITS DETAILS TOWER CAMERA ASSEMBLY 300' CAT OR LESS
M-ITS-1503	CABINET WIRING DIAGRAM TOWER MOUNTED CCTV ITS ASSEMBLY

WEIGH-IN-MOTION – SERIES 1600

DRAWING NUMBER	DESCRIPTION
M-ITS-1600	WEIGH-IN-MOTION CABINET AND FOUNDATION DETAILS
M-ITS-1601	WEIGH-IN-MOTION IP CAMERA DETAILS
M-ITS-1602	WEIGH-IN-MOTION LOOP DETECTOR DETAILS
M-ITS-1603	WEIGH-IN-MOTION 3 LANES
M-ITS-1604	WEIGH-IN-MOTION 4 LANES
M-ITS-1605	WEIGH-IN-MOTION 6 LANES
M-ITS-1606	WEIGH-IN-MOTION JUNCTION BOX DETAIL
M-ITS-1607	WEIGH-IN-MOTION HEIGHT DETECTOR
M-ITS-1608	WEIGH-IN-MOTION QUARTZ SENSOR DETAILS
M-ITS-1609	WEIGH-IN-MOTION VECTORSENSE SENSOR DETAILS

FLASHING SIGN BEACON – SERIES 1700

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)

INTERMEDIATE POWER DISTRIBUTION CENTERS (IPDC) FACILITY – SERIES 1800

DRAWING NUMBER	DESCRIPTION
M-ITS-1800	IPDC-LEGEND ABBREV AND SCHEDULES
M-ITS-1801	IPDC FACILITY CABLE-CONDUIT SCHEDULE AND NOTES
M-ITS-1802	IPDC FACILITY SITE PLAN
M-ITS-1803	STANDARD IPDC EXTERIOR ELEVATIONS
M-ITS-1804	STANDARD IPDC BUILDING INTERIOR ELEVATIONS
M-ITS-1805	IPDC FACILITY SITE PLAN
M-ITS-1806	STANDARD IPDC GROUNDING-LIGHTING PROTECTION PLAN
M-ITS-1807	COMBINATION PLAZA-IPDC BUILDING EXTERIOR ELEVATIONS
M-ITS-1808	COMBINATION PLAZA-IPDC BUILDING INTERIOR ELEVATIONS
M-ITS-1809	IPDC AND COMBINATION PLAZA-IPDC FACILITY CONCRETE FOUNDATION
M-ITS-1810	IPDC AND COMBINATION PLAZA-IPDC FACILITY MECHANICAL PLAN
M-ITS-1811	IPDC AND PLAZA-IPDC COMBINATION FACILITY LIGHTING AND RECEPTACLE PLAN
M-ITS-1812	IPDC AND PLAZA-IPDC COMBINATION FACILITY GROUNDING PLAN
M-ITS-1813	IPDC AND COMBINATION PLAZA-IPDC GROUNDING SCHEMATIC AND DETAILS
M-ITS-1814	IPDC AND COMBINATION PLAZA-IPDC SINGLE LINE DIAGRAM
M-ITS-1815	IPDC AND COMBINATION PLAZA-IPDC FACILITY PANELBOARD SCHEDULE
M-ITS-1816	IPDC FACILITY IDENTIFICATION SIGN

CONDUIT DETAILS AT INTEGRAL ABUTMENT BRIDGE – SERIES 1900

DRAWING NUMBER	DESCRIPTION
M-ITS-1900	CONDUIT DETAILS AT INTEGRAL ABUTMENT BRIDGE STANDARD SLOPE WALL CONDUIT DETAILS AT INTEGRAL ABUTMENT BRIDGE WITH MSE WALL

100 FT MONOPOLE CAMERA TOWER – SERIES 2000

DRAWING NUMBER	DESCRIPTION
M-ITS-2000	100 FT MONOPOLE CLOSED CIRCUIT TELEVISION (CCTV) CAMERA TOWER

VIDEO POWER JUNCTION BOX – SERIES 2100

DRAWING NUMBER	DESCRIPTION
M-ITS-2100	VIDEO POWER JUNCTION BOX MODEL A
M-ITS-2101	VIDEO POWER JUNCTION BOX MODEL B

PLAZA ELECTRICAL WORK – SERIES 2500

DRAWING NUMBER	DESCRIPTION
M-BUS-2500	CABLE/CONDUIT SCHEDULE AND GENERAL NOTES
M-BUS-2501	LEGEND AND SYMBOL LIST ABBREVIATIONS AND EQUIPMENT SCHEDULES
M-BUS-2502A	ELECTRICAL SITE PLAN - AET LANES
M-BUS-2502B	ELECTRICAL SITE PLAN - AET LANES - DETAIL
M-BUS-2503	SINGLE LINE POWER DIAGRAM
M-BUS-2504	GROUNDING SCHEMATIC
M-BUS-2505	FIBER INTERCONNECTIONS BETWEEN MAIN AND REMOTE PLAZAS
M-BUS-2506	UNDERGROUND CONDUIT PLAN - MAIN PLAZA
M-BUS-2509	EXTERIOR ELEVATIONS - MAIN PLAZA
M-BUS-2510	CONTROL BUILDING EQUIPMENT LAYOUT - MAIN PLAZA
M-BUS-2511	INTERIOR ELEVATIONS - CONTROL BUILDING
M-BUS-2512	MECHANICAL PLAN - MAIN PLAZA
M-BUS-2513	CONTROL BUILDING LIGHTING AND RECEPTACLE PLAN - MAIN PLAZA
M-BUS-2514	CONTROL BUILDING GROUNDING DETAILS - MAIN PLAZA
M-BUS-2515	PANELBOARD SCHEDULES - MAIN PLAZA
M-BUS-2516	VIDEO POWER JUNCTION BOX DETAIL - MAIN PLAZA
M-BUS-2517	UNDERGROUND CONDUIT PLAN - REMOTE PLAZA
M-BUS-2518A	LOOP PLAN - AET 3-LANE LAYOUT
M-BUS-2518B	LOOP PLAN - AET 1-LANE LAYOUT
M-BUS-2518C	LOOP PLAN - AET 1-LANE LAYOUT SINGLE MONOTUBE
M-BUS-2518D	GROUND MOUNTED VES CAMERA WITH VES WASH TUBING
M-BUS-2519A	WIRING DIAGRAM - AET 3-LANE LAYOUT
M-BUS-2519B	WIRING DIAGRAM - AET 1-LANE LAYOUT
M-BUS-2520	EXTERIOR ELEVATIONS - REMOTE PLAZA
M-BUS-2521	CONTROL BUILDING EQUIPMENT LAYOUT - REMOTE PLAZA
M-BUS-2522	INTERIOR ELEVATIONS - REMOTE PLAZA
M-BUS-2523	MECHANICAL PLAN - REMOTE PLAZA
M-BUS-2524	CONTROL BUILDING LIGHTING AND RECEPTACLE PLAN - REMOTE PLAZA
M-BUS-2525	CONTROL BUILDING GROUNDING DETAILS - REMOTE PLAZA
M-BUS-2526	PANELBOARD SCHEDULES - REMOTE PLAZA AET LANES
M-BUS-2527	VIDEO POWER JUNCTION BOX - REMOTE PLAZA
M-BUS-2528	LOOP JUNCTION BOX DETAIL
M-BUS-2529	UPS SINGLE LINE AND WIRING DIAGRAM
M-BUS-2530	DOOR ALARMS DETAIL
M-BUS-2531	MISCELLANEOUS SCHEMATIC DIAGRAMS
M-BUS-2532	TSIC TERMINAL BLOCK LAYOUT MAIN AND REMOTE PLAZAS - AET LANES
M-BUS-2533	DATA LOGGER CAMERA
M-BUS-2534	MISCELLANEOUS CROSS SECTION DETAILS
M-BUS-2535	COMED TRANSFORMER PAD DETAIL
M-BUS-2536A	OVERHEAD CONDUIT TRAY
M-BUS-2536B	OVERHEAD CONDUIT TRAY
M-BUS-2536C	UNDERGROUND TOLLING CONDUIT DETAIL
M-BUS-2536D	CONTROL BUILDING JUNCTION BOX DETAIL FOR UNDERGROUND CONDUIT
M-BUS-2536E	UNDERGROUND CONDUIT ELEVATION INSTALLATION DETAIL
M-BUS-2536F	DUCT SPACER DETAILS
M-BUS-2537	TOLL PLAZA IDENTIFICATION SIGN
M-BUS-2538	VES WASH SYSTEM SINGLE CABINET DETAIL
M-BUS-2539	VES WASH SYSTEM PANEL DETAIL
M-BUS-2540	VES WASH SYSTEM FLOW DIAGRAM AND SYSTEM
M-BUS-2541	VES WASH SYSTEM SUGGESTED CONDUIT ROUTING
M-BUS-2542	VES WASH SYSTEM MISCELLANEOUS POWER WIRING DIAGRAM
M-BUS-2543	VES WASH SYSTEM CONTROL SWITCH SCHEMATIC
M-BUS-2544	PLAZA CONTROL BUILDING CONCRETE FOUNDATION



**VOLUME II
INDEX OF
BASE SHEETS**

MARCH 2026