

| EXISTING GUARDRAIL INVENTORY | | | | | | | | | PROTECTION PLAN | |
|------------------------------|----------|--------|-------------|----------------------|--|----------------|---------------------------------------|-------------------------------------|---|---|
| BEGIN STA. | END STA. | OFFSET | LENGTH (LF) | RETAIN/REPLACE (Y/N) | APPROX OFFSET DISTANCE FROM PROPOSED CENTERLINE TO FACE OF EXISTING RAIL | HAZARD TYPE | EXISTING RAIL TYPE (POST AND BARRIER) | ASSESSED CONDITION (GOOD/FAIR/POOR) | CONSTRUCTION CONDITION | 900.640 BARRIER FOR TEMPORARY TRAFFIC PROTECTION (LF) |
| 200+90.8 | 203+93.7 | LT | 303 | Y | 14.9 - 15.2 | SLOPE | STEEL W-BEAM | FAIR | REMOVE AND RESET TO FACE OF RAIL 17 FEET OFF PROPOSED CENTERLINE BEFORE SHOULDER RECONSTRUCTION, REMOVE AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. CONNECTION TO EXISTING BRIDGE RAILING PER LAYOUTS. | - |
| 201+75.2 | 203+14.0 | RT | 139 | Y | 15.0 - 15.3 | SLOPE/BR#6 | STEEL W-BEAM | FAIR | REMOVE BEFORE SHOULDER RECONSTRUCTION. | - |
| 203+55.5 | 204+29.9 | RT | 74 | Y | 14.3 - 15.8 | SLOPE/BR#6 | STEEL W-BEAM | NEW | NO ACTION NECESSARY - WITHIN BRIDGE PROJECT GAP. | - |
| 205+28.1 | 208+97.5 | LT | 369 | Y | 14.8 - 15.0 | SLOPE/BR#6 | STEEL W-BEAM | NEW | REMOVE AND RESET TO FACE OF RAIL 17 FEET OFF PROPOSED CENTERLINE TAPERING TO BRIDGE RAILING BEFORE SHOULDER RECONSTRUCTION, REMOVE AND RESET AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | 575 |
| 205+84.7 | 217+91.7 | RT | 1207 | Y | 15.0 - 15.2 | SLOPE-WATER | STEEL W-BEAM | NEW | REMOVE AND PROVIDE TEMPORARY CONCRETE TRAFFIC BARRIER, RESET AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | 2600 |
| 216+21.3 | 217+16.8 | LT | 96 | Y | 15.0 | SLOPE/BR#7 | STEEL W-BEAM | NEW | REMOVE AND PROVIDE TEMPORARY CONCRETE TRAFFIC BARRIER, RESET AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | 250 |
| 231+60.5 | 232+61.3 | RT | 101 | Y | 15.0 - 15.4 | SLOPE/BR#8 | STEEL W-BEAM | FAIR | RETAIN EXISTING GUARDRAIL AND REMOVE AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | - |
| 231+70.3 | 232+92.8 | LT | 123 | Y | 13.3 - 14.1 | SLOPE/BR#8 | STEEL W-BEAM | FAIR | RETAIN EXISTING GUARDRAIL AND REMOVE AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | - |
| 284+60.3 | 285+58.9 | LT | 99 | Y | 13.3 - 15.0 | SLOPE/BR#9 | STEEL W-BEAM | FAIR | RETAIN EXISTING GUARDRAIL AND REMOVE AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | - |
| 284+78.6 | 285+78.8 | RT | 100 | Y | 14.7 - 15.8 | SLOPE/BR#9 | STEEL W-BEAM | FAIR | RETAIN EXISTING GUARDRAIL AND REMOVE AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | - |
| 291+67.1 | 292+67.7 | RT | 101 | Y | 14.5 - 16.0 | SLOPE/BR#10 | STEEL W-BEAM | FAIR | REMOVE AND PROVIDE TEMPORARY CONCRETE TRAFFIC BARRIER AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | 150 |
| 291+76.6 | 292+76.9 | LT | 100 | Y | 14.4 - 15.9 | SLOPE/BR#10 | STEEL W-BEAM | POOR | REMOVE AND PROVIDE TEMPORARY CONCRETE TRAFFIC BARRIER AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | 75 |
| 299+16.2 | 305+97.2 | RT | 681 | Y | 12.9 - 13.8 | SLOPE | STEEL W-BEAM | POOR | REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | - |
| 327+94.0 | 329+05.6 | RT | 112 | Y | 16.5 - 17.2 | SLOPE/BR#11 | STEEL W-BEAM | POOR | REMOVE AND PROVIDE TEMPORARY CONCRETE TRAFFIC BARRIER AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | 87.5 |
| 328+60.7 | 329+35.7 | LT | 75 | Y | 13.1 - 13.7 | SLOPE/BR#11 | STEEL W-BEAM | POOR | REMOVE AND PROVIDE TEMPORARY CONCRETE TRAFFIC BARRIER AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | 50 |
| 335+49.3 | 353+49.5 | RT | 1800 | Y | 12.1 - 14.1 | SLOPE-NO WATER | STEEL W-BEAM | POOR | REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE. | - |

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| PROJECT NAME: | RANDOLPH-ROXBURY |
| PROJECT NUMBER: | ER STP 0187(II) |
| FILE NAME: | z13c182frm.dgn |
| PROJECT LEADER: | M. FOISY |
| DESIGNED BY: | I. MAYNARD |
| CONSTR. OPS. TRAFFIC PRO. PLAN SHT. 2 | SHEET 21 OF 545 |
| PLOT DATE: | 11/17/2014 |
| DRAWN BY: | I. MAYNARD |
| CHECKED BY: | M. FOISY |