**MAP-21 Bridge Elements to be Collected Table**

**Bridge Elements Table**

|  |  |  |
| --- | --- | --- |
| Element  | Units | Element Number |
| Steel | PrestressedConcrete | ReinforcedConcrete | Timber | Masonry | Other |
| **Deck/Slab** |
| Deck | SF |  | 13 | 12 | 31 |  | 60 |
| Open Grid Deck | SF | 28 |  |  |  |  |  |
| Concrete Filled Grid Deck | SF | 29 |  |  |  |  |  |
| Corrugated or Orthotropic Deck | SF | 30 |  |  |  |  |  |
| Slab | SF |  |  | 38 | 54 |  | 65 |
| Top Flange | SF |  | 15 | 16 |  |  |  |
| **Superstructure** |
| Closed Web/Box Girder | LF | 102 | 104 | 105 |  |  | 106 |
| Girder/Beam | LF | 107 | 109 | 110 | 111 |  | 112 |
| Stringer | LF | 113 | 115 | 116 | 117 |  | 118 |
| Truss | LF | 120 |  |  | 135 |  | 136 |
| Arch | LF | 141 | 143 | 144 | 146 | 145 | 142 |
| Main Cable | LF | 147 |  |  |  |  |  |
| Secondary Cable | EA | 148 |  |  |  |  | 149 |
| Floor Beam | LF | 152 | 154 | 155 | 156 |  | 157 |
| Pin, Pin and Hanger Assembly | EA | 161 |  |  |  |  |  |
| Gusset Plate | EA | 162 |  |  |  |  |  |
| **Substructure** |
| Column | EA | 202 | 204 | 205 | 206 |  | 203 |
| Column Tower (Trestle) | LF | 207 |  |  | 208 |  |  |
| Pier Wall | LF |  |  | 210 | 212 | 213 | 211 |
| Abutment | LF | 219 |  | 215 | 216 | 217 | 218 |
| Pile Cap/Footing | LF |  |  | 220 |  |  |  |
| Pile | EA | 225 | 226 | 227 | 228 |  | 229 |
| Pier Cap | LF | 231 | 233 | 234 | 235 |  | 236 |
| **Culvert** |
| Culvert | LF | 240 | 245 | 241 | 242 | 244 | 243 |
| **Bridge Rail** |
| Bridge Rail | LF | 330\* |  | 331 | 332 | 334 | 333 |
| **Joint** |
| Strip Seal | LF | 300 |
| Pourable | LF | 301 |
| Compression | LF | 302 |
| Assembly with Seal (Modular) | LF | 303 |
| Open | LF | 304 |
| Assembly without Seal | LF | 305 |
| Other | LF | 306 |
| **Bearing** |
| Elastomeric | EA | 310 |
| Movable (roller, sliding, etc.) | EA | 311 |
| Enclosed/Concealed | EA | 312 |
| Fixed | EA | 313 |
| Pot | EA | 314 |
| Disk | EA | 315 |
| Other | EA | 316 |
| **Wearing Surfaces and Protective Coatings** |
| Wearing Surfaces | SF | 510 |
| Steel Protective Coating | SF | 515 |
| Concrete Protective Coating | SF | 521 |

\*Element 330-Metal Bridge Rail may include steel or aluminum rails.