

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

**The following notes apply in addition to the standard pay items listed below:**

1. The following items must meet Buy America and require step certification documentation:
  - High Strength Bolts
  - A325 Bolts
  - Pumps
  - Precast Culverts less than 20 feet
  - MSE Wall Precast Panels
  - Soundwall Precast Panels
  - Spun Concrete Poles
2. Any extra or modified pay items similar to the items listed below or described above.

| <b>Item Code</b> | <b>Pay Unit</b> | <b>Description</b>            |
|------------------|-----------------|-------------------------------|
| 4010012          | Ea              | Culv End Sect, 12 inch        |
| 4010015          | Ea              | Culv End Sect, 15 inch        |
| 4010018          | Ea              | Culv End Sect, 18 inch        |
| 4010021          | Ea              | Culv End Sect, 21 inch        |
| 4010024          | Ea              | Culv End Sect, 24 inch        |
| 4010030          | Ea              | Culv End Sect, 30 inch        |
| 4010036          | Ea              | Culv End Sect, 36 inch        |
| 4010047          | Ea              | Culv End Sect, Conc, 12 inch  |
| 4010048          | Ea              | Culv End Sect, Conc, 15 inch  |
| 4010049          | Ea              | Culv End Sect, Conc, 18 inch  |
| 4010050          | Ea              | Culv End Sect, Conc, 21 inch  |
| 4010051          | Ea              | Culv End Sect, Conc, 24 inch  |
| 4010052          | Ea              | Culv End Sect, Conc, 30 inch  |
| 4010053          | Ea              | Culv End Sect, Conc, 36 inch  |
| 4010054          | Ea              | Culv End Sect, Conc, 42 inch  |
| 4010055          | Ea              | Culv End Sect, Conc, 48 inch  |
| 4010056          | Ea              | Culv End Sect, Conc, 54 inch  |
| 4010057          | Ea              | Culv End Sect, Conc, 60 inch  |
| 4010058          | Ea              | Culv End Sect, Conc, 66 inch  |
| 4010059          | Ea              | Culv End Sect, Conc, 72 inch  |
| 4010060          | Ea              | Culv End Sect, Conc, 78 inch  |
| 4010061          | Ea              | Culv End Sect, Conc, 84 inch  |
| 4010072          | Ea              | Culv End Sect, Footing        |
| 4010083          | Lb              | Culv End Sect, Grate          |
| 4010094          | Ea              | Culv End Sect, Metal, 12 inch |
| 4010095          | Ea              | Culv End Sect, Metal, 15 inch |
| 4010096          | Ea              | Culv End Sect, Metal, 18 inch |
| 4010097          | Ea              | Culv End Sect, Metal, 21 inch |
| 4010098          | Ea              | Culv End Sect, Metal, 24 inch |
| 4010099          | Ea              | Culv End Sect, Metal, 30 inch |
| 4010100          | Ea              | Culv End Sect, Metal, 36 inch |
| 4010101          | Ea              | Culv End Sect, Metal, 42 inch |
| 4010102          | Ea              | Culv End Sect, Metal, 48 inch |
| 4010103          | Ea              | Culv End Sect, Metal, 54 inch |
| 4010104          | Ea              | Culv End Sect, Metal, 60 inch |
| 4010105          | Ea              | Culv End Sect, Metal, 66 inch |
| 4010106          | Ea              | Culv End Sect, Metal, 72 inch |
| 4010107          | Ea              | Culv End Sect, Metal, 78 inch |
| 4010108          | Ea              | Culv End Sect, Metal, 84 inch |
| 4010131          | Ft              | Culv, CI A, 12 inch           |
| 4010132          | Ft              | Culv, CI A, 15 inch           |
| 4010133          | Ft              | Culv, CI A, 18 inch           |

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|         |    |                            |
|---------|----|----------------------------|
| 4010134 | Ft | Culv, CI A, 24 inch        |
| 4010135 | Ft | Culv, CI A, 30 inch        |
| 4010136 | Ft | Culv, CI A, 36 inch        |
| 4010137 | Ft | Culv, CI A, 42 inch        |
| 4010138 | Ft | Culv, CI A, 48 inch        |
| 4010139 | Ft | Culv, CI A, 54 inch        |
| 4010140 | Ft | Culv, CI A, 60 inch        |
| 4010141 | Ft | Culv, CI A, 66 inch        |
| 4010142 | Ft | Culv, CI A, 72 inch        |
| 4010143 | Ft | Culv, CI A, 78 inch        |
| 4010144 | Ft | Culv, CI A, 84 inch        |
| 4010145 | Ft | Culv, CI A, 90 inch        |
| 4010146 | Ft | Culv, CI A, 96 inch        |
| 4010147 | Ft | Culv, CI A, 102 inch       |
| 4010148 | Ft | Culv, CI A, 108 inch       |
| 4010149 | Ft | Culv, CI A, 114 inch       |
| 4010150 | Ft | Culv, CI A, 120 inch       |
| 4010151 | Ft | Culv, CI A, 126 inch       |
| 4010152 | Ft | Culv, CI A, 132 inch       |
| 4010153 | Ft | Culv, CI A, 138 inch       |
| 4010154 | Ft | Culv, CI A, 144 inch       |
| 4010165 | Ft | Culv, CI A, Conc, 12 inch  |
| 4010166 | Ft | Culv, CI A, Conc, 15 inch  |
| 4010167 | Ft | Culv, CI A, Conc, 18 inch  |
| 4010168 | Ft | Culv, CI A, Conc, 24 inch  |
| 4010169 | Ft | Culv, CI A, Conc, 30 inch  |
| 4010170 | Ft | Culv, CI A, Conc, 36 inch  |
| 4010171 | Ft | Culv, CI A, Conc, 42 inch  |
| 4010172 | Ft | Culv, CI A, Conc, 48 inch  |
| 4010173 | Ft | Culv, CI A, Conc, 54 inch  |
| 4010174 | Ft | Culv, CI A, Conc, 60 inch  |
| 4010175 | Ft | Culv, CI A, Conc, 66 inch  |
| 4010176 | Ft | Culv, CI A, Conc, 72 inch  |
| 4010177 | Ft | Culv, CI A, Conc, 78 inch  |
| 4010178 | Ft | Culv, CI A, Conc, 84 inch  |
| 4010179 | Ft | Culv, CI A, Conc, 90 inch  |
| 4010180 | Ft | Culv, CI A, Conc, 96 inch  |
| 4010181 | Ft | Culv, CI A, Conc, 102 inch |
| 4010182 | Ft | Culv, CI A, Conc, 108 inch |
| 4010183 | Ft | Culv, CI A, Conc, 114 inch |
| 4010184 | Ft | Culv, CI A, Conc, 120 inch |
| 4010185 | Ft | Culv, CI A, Conc, 126 inch |
| 4010186 | Ft | Culv, CI A, Conc, 132 inch |
| 4010187 | Ft | Culv, CI A, Conc, 138 inch |
| 4010188 | Ft | Culv, CI A, Conc, 144 inch |
| 4010199 | Ft | Culv, CI A, CSP, 12 inch   |
| 4010200 | Ft | Culv, CI A, CSP, 15 inch   |
| 4010201 | Ft | Culv, CI A, CSP, 18 inch   |
| 4010202 | Ft | Culv, CI A, CSP, 24 inch   |
| 4010203 | Ft | Culv, CI A, CSP, 30 inch   |
| 4010204 | Ft | Culv, CI A, CSP, 36 inch   |
| 4010205 | Ft | Culv, CI A, CSP, 42 inch   |
| 4010206 | Ft | Culv, CI A, CSP, 48 inch   |
| 4010207 | Ft | Culv, CI A, CSP, 54 inch   |
| 4010208 | Ft | Culv, CI A, CSP, 60 inch   |
| 4010209 | Ft | Culv, CI A, CSP, 66 inch   |
| 4010210 | Ft | Culv, CI A, CSP, 72 inch   |

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|         |    |                            |
|---------|----|----------------------------|
| 4010211 | Ft | Culv, CI A, CSP, 78 inch   |
| 4010212 | Ft | Culv, CI A, CSP, 84 inch   |
| 4010213 | Ft | Culv, CI A, CSP, 90 inch   |
| 4010214 | Ft | Culv, CI A, CSP, 96 inch   |
| 4010215 | Ft | Culv, CI A, CSP, 102 inch  |
| 4010216 | Ft | Culv, CI A, CSP, 108 inch  |
| 4010217 | Ft | Culv, CI A, CSP, 114 inch  |
| 4010218 | Ft | Culv, CI A, CSP, 120 inch  |
| 4010219 | Ft | Culv, CI A, CSP, 126 inch  |
| 4010220 | Ft | Culv, CI A, CSP, 132 inch  |
| 4010221 | Ft | Culv, CI A, CSP, 138 inch  |
| 4010222 | Ft | Culv, CI A, CSP, 144 inch  |
| 4010233 | Ft | Culv, CI B, 12 inch        |
| 4010234 | Ft | Culv, CI B, 15 inch        |
| 4010235 | Ft | Culv, CI B, 18 inch        |
| 4010236 | Ft | Culv, CI B, 24 inch        |
| 4010237 | Ft | Culv, CI B, 30 inch        |
| 4010238 | Ft | Culv, CI B, 36 inch        |
| 4010239 | Ft | Culv, CI B, 42 inch        |
| 4010240 | Ft | Culv, CI B, 48 inch        |
| 4010241 | Ft | Culv, CI B, 54 inch        |
| 4010242 | Ft | Culv, CI B, 60 inch        |
| 4010243 | Ft | Culv, CI B, 66 inch        |
| 4010244 | Ft | Culv, CI B, 72 inch        |
| 4010245 | Ft | Culv, CI B, 78 inch        |
| 4010246 | Ft | Culv, CI B, 84 inch        |
| 4010247 | Ft | Culv, CI B, 90 inch        |
| 4010248 | Ft | Culv, CI B, 96 inch        |
| 4010249 | Ft | Culv, CI B, 102 inch       |
| 4010250 | Ft | Culv, CI B, 108 inch       |
| 4010251 | Ft | Culv, CI B, 114 inch       |
| 4010252 | Ft | Culv, CI B, 120 inch       |
| 4010253 | Ft | Culv, CI B, 126 inch       |
| 4010254 | Ft | Culv, CI B, 132 inch       |
| 4010255 | Ft | Culv, CI B, 138 inch       |
| 4010256 | Ft | Culv, CI B, 144 inch       |
| 4010267 | Ft | Culv, CI B, Conc, 12 inch  |
| 4010268 | Ft | Culv, CI B, Conc, 15 inch  |
| 4010269 | Ft | Culv, CI B, Conc, 18 inch  |
| 4010270 | Ft | Culv, CI B, Conc, 24 inch  |
| 4010271 | Ft | Culv, CI B, Conc, 30 inch  |
| 4010272 | Ft | Culv, CI B, Conc, 36 inch  |
| 4010273 | Ft | Culv, CI B, Conc, 42 inch  |
| 4010274 | Ft | Culv, CI B, Conc, 48 inch  |
| 4010275 | Ft | Culv, CI B, Conc, 54 inch  |
| 4010276 | Ft | Culv, CI B, Conc, 60 inch  |
| 4010277 | Ft | Culv, CI B, Conc, 66 inch  |
| 4010278 | Ft | Culv, CI B, Conc, 72 inch  |
| 4010279 | Ft | Culv, CI B, Conc, 78 inch  |
| 4010280 | Ft | Culv, CI B, Conc, 84 inch  |
| 4010281 | Ft | Culv, CI B, Conc, 90 inch  |
| 4010282 | Ft | Culv, CI B, Conc, 96 inch  |
| 4010283 | Ft | Culv, CI B, Conc, 102 inch |
| 4010284 | Ft | Culv, CI B, Conc, 108 inch |
| 4010285 | Ft | Culv, CI B, Conc, 114 inch |
| 4010286 | Ft | Culv, CI B, Conc, 120 inch |
| 4010287 | Ft | Culv, CI B, Conc, 126 inch |

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|         |    |                            |
|---------|----|----------------------------|
| 4010288 | Ft | Culv, CI B, Conc, 132 inch |
| 4010289 | Ft | Culv, CI B, Conc, 138 inch |
| 4010290 | Ft | Culv, CI B, Conc, 144 inch |
| 4010301 | Ft | Culv, CI B, CSP, 12 inch   |
| 4010302 | Ft | Culv, CI B, CSP, 15 inch   |
| 4010303 | Ft | Culv, CI B, CSP, 18 inch   |
| 4010304 | Ft | Culv, CI B, CSP, 24 inch   |
| 4010305 | Ft | Culv, CI B, CSP, 30 inch   |
| 4010306 | Ft | Culv, CI B, CSP, 36 inch   |
| 4010307 | Ft | Culv, CI B, CSP, 42 inch   |
| 4010308 | Ft | Culv, CI B, CSP, 48 inch   |
| 4010309 | Ft | Culv, CI B, CSP, 54 inch   |
| 4010310 | Ft | Culv, CI B, CSP, 60 inch   |
| 4010311 | Ft | Culv, CI B, CSP, 66 inch   |
| 4010312 | Ft | Culv, CI B, CSP, 72 inch   |
| 4010313 | Ft | Culv, CI B, CSP, 78 inch   |
| 4010314 | Ft | Culv, CI B, CSP, 84 inch   |
| 4010315 | Ft | Culv, CI B, CSP, 90 inch   |
| 4010316 | Ft | Culv, CI B, CSP, 96 inch   |
| 4010317 | Ft | Culv, CI B, CSP, 102 inch  |
| 4010318 | Ft | Culv, CI B, CSP, 108 inch  |
| 4010319 | Ft | Culv, CI B, CSP, 114 inch  |
| 4010320 | Ft | Culv, CI B, CSP, 120 inch  |
| 4010321 | Ft | Culv, CI B, CSP, 126 inch  |
| 4010322 | Ft | Culv, CI B, CSP, 132 inch  |
| 4010323 | Ft | Culv, CI B, CSP, 138 inch  |
| 4010324 | Ft | Culv, CI B, CSP, 144 inch  |
| 4010335 | Ft | Culv, CI C, 12 inch        |
| 4010336 | Ft | Culv, CI C, 15 inch        |
| 4010337 | Ft | Culv, CI C, 18 inch        |
| 4010338 | Ft | Culv, CI C, 24 inch        |
| 4010339 | Ft | Culv, CI C, 30 inch        |
| 4010340 | Ft | Culv, CI C, 36 inch        |
| 4010341 | Ft | Culv, CI C, 42 inch        |
| 4010342 | Ft | Culv, CI C, 48 inch        |
| 4010343 | Ft | Culv, CI C, 54 inch        |
| 4010344 | Ft | Culv, CI C, 60 inch        |
| 4010345 | Ft | Culv, CI C, 66 inch        |
| 4010346 | Ft | Culv, CI C, 72 inch        |
| 4010347 | Ft | Culv, CI C, 78 inch        |
| 4010348 | Ft | Culv, CI C, 84 inch        |
| 4010349 | Ft | Culv, CI C, 90 inch        |
| 4010350 | Ft | Culv, CI C, 96 inch        |
| 4010351 | Ft | Culv, CI C, 102 inch       |
| 4010352 | Ft | Culv, CI C, 108 inch       |
| 4010353 | Ft | Culv, CI C, 114 inch       |
| 4010354 | Ft | Culv, CI C, 120 inch       |
| 4010355 | Ft | Culv, CI C, 126 inch       |
| 4010356 | Ft | Culv, CI C, 132 inch       |
| 4010357 | Ft | Culv, CI C, 138 inch       |
| 4010358 | Ft | Culv, CI C, 144 inch       |
| 4010369 | Ft | Culv, CI C, Conc, 12 inch  |
| 4010370 | Ft | Culv, CI C, Conc, 15 inch  |
| 4010371 | Ft | Culv, CI C, Conc, 18 inch  |
| 4010372 | Ft | Culv, CI C, Conc, 24 inch  |
| 4010373 | Ft | Culv, CI C, Conc, 30 inch  |
| 4010374 | Ft | Culv, CI C, Conc, 36 inch  |

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|         |    |                            |
|---------|----|----------------------------|
| 4010375 | Ft | Culv, CI C, Conc, 42 inch  |
| 4010376 | Ft | Culv, CI C, Conc, 48 inch  |
| 4010377 | Ft | Culv, CI C, Conc, 54 inch  |
| 4010378 | Ft | Culv, CI C, Conc, 60 inch  |
| 4010379 | Ft | Culv, CI C, Conc, 66 inch  |
| 4010380 | Ft | Culv, CI C, Conc, 72 inch  |
| 4010381 | Ft | Culv, CI C, Conc, 78 inch  |
| 4010382 | Ft | Culv, CI C, Conc, 84 inch  |
| 4010383 | Ft | Culv, CI C, Conc, 90 inch  |
| 4010384 | Ft | Culv, CI C, Conc, 96 inch  |
| 4010385 | Ft | Culv, CI C, Conc, 102 inch |
| 4010386 | Ft | Culv, CI C, Conc, 108 inch |
| 4010387 | Ft | Culv, CI C, Conc, 114 inch |
| 4010388 | Ft | Culv, CI C, Conc, 120 inch |
| 4010389 | Ft | Culv, CI C, Conc, 126 inch |
| 4010390 | Ft | Culv, CI C, Conc, 132 inch |
| 4010391 | Ft | Culv, CI C, Conc, 138 inch |
| 4010392 | Ft | Culv, CI C, Conc, 144 inch |
| 4010403 | Ft | Culv, CI C, CSP, 12 inch   |
| 4010404 | Ft | Culv, CI C, CSP, 15 inch   |
| 4010405 | Ft | Culv, CI C, CSP, 18 inch   |
| 4010406 | Ft | Culv, CI C, CSP, 24 inch   |
| 4010407 | Ft | Culv, CI C, CSP, 30 inch   |
| 4010408 | Ft | Culv, CI C, CSP, 36 inch   |
| 4010409 | Ft | Culv, CI C, CSP, 42 inch   |
| 4010410 | Ft | Culv, CI C, CSP, 48 inch   |
| 4010411 | Ft | Culv, CI C, CSP, 54 inch   |
| 4010412 | Ft | Culv, CI C, CSP, 60 inch   |
| 4010413 | Ft | Culv, CI C, CSP, 66 inch   |
| 4010414 | Ft | Culv, CI C, CSP, 72 inch   |
| 4010415 | Ft | Culv, CI C, CSP, 78 inch   |
| 4010416 | Ft | Culv, CI C, CSP, 84 inch   |
| 4010417 | Ft | Culv, CI C, CSP, 90 inch   |
| 4010418 | Ft | Culv, CI C, CSP, 96 inch   |
| 4010419 | Ft | Culv, CI C, CSP, 102 inch  |
| 4010420 | Ft | Culv, CI C, CSP, 108 inch  |
| 4010421 | Ft | Culv, CI C, CSP, 114 inch  |
| 4010422 | Ft | Culv, CI C, CSP, 120 inch  |
| 4010423 | Ft | Culv, CI C, CSP, 126 inch  |
| 4010424 | Ft | Culv, CI C, CSP, 132 inch  |
| 4010425 | Ft | Culv, CI C, CSP, 138 inch  |
| 4010426 | Ft | Culv, CI C, CSP, 144 inch  |
| 4010437 | Ft | Culv, CI D, 12 inch        |
| 4010438 | Ft | Culv, CI D, 15 inch        |
| 4010439 | Ft | Culv, CI D, 18 inch        |
| 4010440 | Ft | Culv, CI D, 24 inch        |
| 4010441 | Ft | Culv, CI D, 30 inch        |
| 4010442 | Ft | Culv, CI D, 36 inch        |
| 4010443 | Ft | Culv, CI D, 42 inch        |
| 4010444 | Ft | Culv, CI D, 48 inch        |
| 4010445 | Ft | Culv, CI D, 54 inch        |
| 4010446 | Ft | Culv, CI D, 60 inch        |
| 4010447 | Ft | Culv, CI D, 66 inch        |
| 4010448 | Ft | Culv, CI D, 72 inch        |
| 4010449 | Ft | Culv, CI D, 78 inch        |
| 4010450 | Ft | Culv, CI D, 84 inch        |
| 4010451 | Ft | Culv, CI D, 90 inch        |

**Michigan Department of Transportation - Buy America Requirements  
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|         |    |                            |
|---------|----|----------------------------|
| 4010452 | Ft | Culv, CI D, 96 inch        |
| 4010453 | Ft | Culv, CI D, 102 inch       |
| 4010454 | Ft | Culv, CI D, 108 inch       |
| 4010455 | Ft | Culv, CI D, 114 inch       |
| 4010456 | Ft | Culv, CI D, 120 inch       |
| 4010457 | Ft | Culv, CI D, 126 inch       |
| 4010458 | Ft | Culv, CI D, 132 inch       |
| 4010459 | Ft | Culv, CI D, 138 inch       |
| 4010460 | Ft | Culv, CI D, 144 inch       |
| 4010471 | Ft | Culv, CI D, Conc, 12 inch  |
| 4010472 | Ft | Culv, CI D, Conc, 15 inch  |
| 4010473 | Ft | Culv, CI D, Conc, 18 inch  |
| 4010474 | Ft | Culv, CI D, Conc, 24 inch  |
| 4010475 | Ft | Culv, CI D, Conc, 30 inch  |
| 4010476 | Ft | Culv, CI D, Conc, 36 inch  |
| 4010477 | Ft | Culv, CI D, Conc, 42 inch  |
| 4010478 | Ft | Culv, CI D, Conc, 48 inch  |
| 4010479 | Ft | Culv, CI D, Conc, 54 inch  |
| 4010480 | Ft | Culv, CI D, Conc, 60 inch  |
| 4010481 | Ft | Culv, CI D, Conc, 66 inch  |
| 4010482 | Ft | Culv, CI D, Conc, 72 inch  |
| 4010483 | Ft | Culv, CI D, Conc, 78 inch  |
| 4010484 | Ft | Culv, CI D, Conc, 84 inch  |
| 4010485 | Ft | Culv, CI D, Conc, 90 inch  |
| 4010486 | Ft | Culv, CI D, Conc, 96 inch  |
| 4010487 | Ft | Culv, CI D, Conc, 102 inch |
| 4010488 | Ft | Culv, CI D, Conc, 108 inch |
| 4010489 | Ft | Culv, CI D, Conc, 114 inch |
| 4010490 | Ft | Culv, CI D, Conc, 120 inch |
| 4010491 | Ft | Culv, CI D, Conc, 126 inch |
| 4010492 | Ft | Culv, CI D, Conc, 132 inch |
| 4010493 | Ft | Culv, CI D, Conc, 138 inch |
| 4010494 | Ft | Culv, CI D, Conc, 144 inch |
| 4010505 | Ft | Culv, CI D, CSP, 12 inch   |
| 4010506 | Ft | Culv, CI D, CSP, 15 inch   |
| 4010507 | Ft | Culv, CI D, CSP, 18 inch   |
| 4010508 | Ft | Culv, CI D, CSP, 24 inch   |
| 4010509 | Ft | Culv, CI D, CSP, 30 inch   |
| 4010510 | Ft | Culv, CI D, CSP, 36 inch   |
| 4010511 | Ft | Culv, CI D, CSP, 42 inch   |
| 4010512 | Ft | Culv, CI D, CSP, 48 inch   |
| 4010513 | Ft | Culv, CI D, CSP, 54 inch   |
| 4010514 | Ft | Culv, CI D, CSP, 60 inch   |
| 4010515 | Ft | Culv, CI D, CSP, 66 inch   |
| 4010516 | Ft | Culv, CI D, CSP, 72 inch   |
| 4010517 | Ft | Culv, CI D, CSP, 78 inch   |
| 4010518 | Ft | Culv, CI D, CSP, 84 inch   |
| 4010519 | Ft | Culv, CI D, CSP, 90 inch   |
| 4010520 | Ft | Culv, CI D, CSP, 96 inch   |
| 4010521 | Ft | Culv, CI D, CSP, 102 inch  |
| 4010522 | Ft | Culv, CI D, CSP, 108 inch  |
| 4010523 | Ft | Culv, CI D, CSP, 114 inch  |
| 4010524 | Ft | Culv, CI D, CSP, 120 inch  |
| 4010525 | Ft | Culv, CI D, CSP, 126 inch  |
| 4010526 | Ft | Culv, CI D, CSP, 132 inch  |
| 4010527 | Ft | Culv, CI D, CSP, 138 inch  |
| 4010528 | Ft | Culv, CI D, CSP, 144 inch  |

**Michigan Department of Transportation - Buy America Requirements  
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|         |    |                            |
|---------|----|----------------------------|
| 4010539 | Ft | Culv, CI E, 12 inch        |
| 4010540 | Ft | Culv, CI E, 15 inch        |
| 4010541 | Ft | Culv, CI E, 18 inch        |
| 4010542 | Ft | Culv, CI E, 24 inch        |
| 4010543 | Ft | Culv, CI E, 30 inch        |
| 4010544 | Ft | Culv, CI E, 36 inch        |
| 4010545 | Ft | Culv, CI E, 42 inch        |
| 4010546 | Ft | Culv, CI E, 48 inch        |
| 4010547 | Ft | Culv, CI E, 54 inch        |
| 4010548 | Ft | Culv, CI E, 60 inch        |
| 4010549 | Ft | Culv, CI E, 66 inch        |
| 4010550 | Ft | Culv, CI E, 72 inch        |
| 4010551 | Ft | Culv, CI E, 78 inch        |
| 4010552 | Ft | Culv, CI E, 84 inch        |
| 4010553 | Ft | Culv, CI E, 90 inch        |
| 4010554 | Ft | Culv, CI E, 96 inch        |
| 4010555 | Ft | Culv, CI E, 102 inch       |
| 4010556 | Ft | Culv, CI E, 108 inch       |
| 4010557 | Ft | Culv, CI E, 114 inch       |
| 4010558 | Ft | Culv, CI E, 120 inch       |
| 4010559 | Ft | Culv, CI E, 126 inch       |
| 4010560 | Ft | Culv, CI E, 132 inch       |
| 4010561 | Ft | Culv, CI E, 138 inch       |
| 4010562 | Ft | Culv, CI E, 144 inch       |
| 4010573 | Ft | Culv, CI E, Conc, 12 inch  |
| 4010574 | Ft | Culv, CI E, Conc, 15 inch  |
| 4010575 | Ft | Culv, CI E, Conc, 18 inch  |
| 4010576 | Ft | Culv, CI E, Conc, 24 inch  |
| 4010577 | Ft | Culv, CI E, Conc, 30 inch  |
| 4010578 | Ft | Culv, CI E, Conc, 36 inch  |
| 4010579 | Ft | Culv, CI E, Conc, 42 inch  |
| 4010580 | Ft | Culv, CI E, Conc, 48 inch  |
| 4010581 | Ft | Culv, CI E, Conc, 54 inch  |
| 4010582 | Ft | Culv, CI E, Conc, 60 inch  |
| 4010583 | Ft | Culv, CI E, Conc, 66 inch  |
| 4010584 | Ft | Culv, CI E, Conc, 72 inch  |
| 4010585 | Ft | Culv, CI E, Conc, 78 inch  |
| 4010586 | Ft | Culv, CI E, Conc, 84 inch  |
| 4010587 | Ft | Culv, CI E, Conc, 90 inch  |
| 4010588 | Ft | Culv, CI E, Conc, 96 inch  |
| 4010589 | Ft | Culv, CI E, Conc, 102 inch |
| 4010590 | Ft | Culv, CI E, Conc, 108 inch |
| 4010591 | Ft | Culv, CI E, Conc, 114 inch |
| 4010592 | Ft | Culv, CI E, Conc, 120 inch |
| 4010593 | Ft | Culv, CI E, Conc, 126 inch |
| 4010594 | Ft | Culv, CI E, Conc, 132 inch |
| 4010595 | Ft | Culv, CI E, Conc, 138 inch |
| 4010596 | Ft | Culv, CI E, Conc, 144 inch |
| 4010607 | Ft | Culv, CI F, 12 inch        |
| 4010608 | Ft | Culv, CI F, 15 inch        |
| 4010609 | Ft | Culv, CI F, 18 inch        |
| 4010610 | Ft | Culv, CI F, 24 inch        |
| 4010611 | Ft | Culv, CI F, 30 inch        |
| 4010612 | Ft | Culv, CI F, 36 inch        |
| 4010613 | Ft | Culv, CI F, 42 inch        |
| 4010614 | Ft | Culv, CI F, 48 inch        |
| 4010615 | Ft | Culv, CI F, 54 inch        |

**Michigan Department of Transportation - Buy America Requirements  
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|         |    |                            |
|---------|----|----------------------------|
| 4010616 | Ft | Culv, CI F, 60 inch        |
| 4010617 | Ft | Culv, CI F, 66 inch        |
| 4010618 | Ft | Culv, CI F, 72 inch        |
| 4010619 | Ft | Culv, CI F, 78 inch        |
| 4010620 | Ft | Culv, CI F, 84 inch        |
| 4010621 | Ft | Culv, CI F, 90 inch        |
| 4010622 | Ft | Culv, CI F, 96 inch        |
| 4010623 | Ft | Culv, CI F, 102 inch       |
| 4010624 | Ft | Culv, CI F, 108 inch       |
| 4010625 | Ft | Culv, CI F, 114 inch       |
| 4010626 | Ft | Culv, CI F, 120 inch       |
| 4010627 | Ft | Culv, CI F, 126 inch       |
| 4010628 | Ft | Culv, CI F, 132 inch       |
| 4010629 | Ft | Culv, CI F, 138 inch       |
| 4010630 | Ft | Culv, CI F, 144 inch       |
| 4010641 | Ft | Culv, CI F, Conc, 12 inch  |
| 4010642 | Ft | Culv, CI F, Conc, 15 inch  |
| 4010643 | Ft | Culv, CI F, Conc, 18 inch  |
| 4010644 | Ft | Culv, CI F, Conc, 24 inch  |
| 4010645 | Ft | Culv, CI F, Conc, 30 inch  |
| 4010646 | Ft | Culv, CI F, Conc, 36 inch  |
| 4010647 | Ft | Culv, CI F, Conc, 42 inch  |
| 4010648 | Ft | Culv, CI F, Conc, 48 inch  |
| 4010649 | Ft | Culv, CI F, Conc, 54 inch  |
| 4010650 | Ft | Culv, CI F, Conc, 60 inch  |
| 4010651 | Ft | Culv, CI F, Conc, 66 inch  |
| 4010652 | Ft | Culv, CI F, Conc, 72 inch  |
| 4010653 | Ft | Culv, CI F, Conc, 78 inch  |
| 4010654 | Ft | Culv, CI F, Conc, 84 inch  |
| 4010655 | Ft | Culv, CI F, Conc, 90 inch  |
| 4010656 | Ft | Culv, CI F, Conc, 96 inch  |
| 4010657 | Ft | Culv, CI F, Conc, 102 inch |
| 4010658 | Ft | Culv, CI F, Conc, 108 inch |
| 4010659 | Ft | Culv, CI F, Conc, 114 inch |
| 4010660 | Ft | Culv, CI F, Conc, 120 inch |
| 4010661 | Ft | Culv, CI F, Conc, 126 inch |
| 4010662 | Ft | Culv, CI F, Conc, 132 inch |
| 4010663 | Ft | Culv, CI F, Conc, 138 inch |
| 4010664 | Ft | Culv, CI F, Conc, 144 inch |
| 4010675 | Ft | Culv, CI F, CSP, 12 inch   |
| 4010676 | Ft | Culv, CI F, CSP, 15 inch   |
| 4010677 | Ft | Culv, CI F, CSP, 18 inch   |
| 4010678 | Ft | Culv, CI F, CSP, 24 inch   |
| 4010679 | Ft | Culv, CI F, CSP, 30 inch   |
| 4010680 | Ft | Culv, CI F, CSP, 36 inch   |
| 4010681 | Ft | Culv, CI F, CSP, 42 inch   |
| 4010682 | Ft | Culv, CI F, CSP, 48 inch   |
| 4010683 | Ft | Culv, CI F, CSP, 54 inch   |
| 4010684 | Ft | Culv, CI F, CSP, 60 inch   |
| 4010685 | Ft | Culv, CI F, CSP, 66 inch   |
| 4010686 | Ft | Culv, CI F, CSP, 72 inch   |
| 4010687 | Ft | Culv, CI F, CSP, 78 inch   |
| 4010688 | Ft | Culv, CI F, CSP, 84 inch   |
| 4010689 | Ft | Culv, CI F, CSP, 90 inch   |
| 4010690 | Ft | Culv, CI F, CSP, 96 inch   |
| 4010691 | Ft | Culv, CI F, CSP, 102 inch  |
| 4010692 | Ft | Culv, CI F, CSP, 108 inch  |



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|         |    |   |
|---------|----|---|
| 4010693 | Ft | Culv, CI F, CSP, 114 inch                           |
| 4010694 | Ft | Culv, CI F, CSP, 120 inch                           |
| 4010695 | Ft | Culv, CI F, CSP, 126 inch                           |
| 4010696 | Ft | Culv, CI F, CSP, 132 inch                           |
| 4010697 | Ft | Culv, CI F, CSP, 138 inch                           |
| 4010698 | Ft | Culv, CI F, CSP, 144 inch                           |
| 4010709 | Ft | Culv, CI IV, 36 inch, Jacked in Place               |
| 4010710 | Ft | Culv, CI IV, 42 inch, Jacked in Place               |
| 4010711 | Ft | Culv, CI IV, 48 inch, Jacked in Place               |
| 4010712 | Ft | Culv, CI IV, 54 inch, Jacked in Place               |
| 4010713 | Ft | Culv, CI IV, 60 inch, Jacked in Place               |
| 4010714 | Ft | Culv, CI IV, 66 inch, Jacked in Place               |
| 4010715 | Ft | Culv, CI IV, 72 inch, Jacked in Place               |
| 4010726 | Ft | Culv, CI V, 36 inch, Jacked in Place                |
| 4010727 | Ft | Culv, CI V, 42 inch, Jacked in Place                |
| 4010728 | Ft | Culv, CI V, 48 inch, Jacked in Place                |
| 4010729 | Ft | Culv, CI V, 54 inch, Jacked in Place                |
| 4010730 | Ft | Culv, CI V, 60 inch, Jacked in Place                |
| 4010731 | Ft | Culv, CI V, 66 inch, Jacked in Place                |
| 4010732 | Ft | Culv, CI V, 72 inch, Jacked in Place                |
| 4010743 | Ft | Culv, CSP Arch, CI A, 17 inch by 13 inch            |
| 4010744 | Ft | Culv, CSP Arch, CI A, 21 inch by 15 inch            |
| 4010745 | Ft | Culv, CSP Arch, CI A, 24 inch by 18 inch            |
| 4010746 | Ft | Culv, CSP Arch, CI A, 28 inch by 20 inch            |
| 4010747 | Ft | Culv, CSP Arch, CI A, 35 inch by 24 inch            |
| 4010748 | Ft | Culv, CSP Arch, CI A, 42 inch by 29 inch            |
| 4010749 | Ft | Culv, CSP Arch, CI A, 49 inch by 33 inch            |
| 4010750 | Ft | Culv, CSP Arch, CI A, 63 inch by 43 inch            |
| 4010751 | Ft | Culv, CSP Arch, CI A, 64 inch by 38 inch            |
| 4010752 | Ft | Culv, CSP Arch, CI A, 71 inch by 47 inch            |
| 4010753 | Ft | Culv, CSP Arch, CI A, 81 inch by 59 inch            |
| 4010754 | Ft | Culv, CSP Arch, CI A, 87 inch by 63 inch            |
| 4010755 | Ft | Culv, CSP Arch, CI A, 95 inch by 67 inch            |
| 4010756 | Ft | Culv, CSP Arch, CI A, 112 inch by 75 inch           |
| 4010757 | Ft | Culv, CSP Arch, CI A, 127 inch by 83 inch           |
| 4010758 | Ft | Culv, CSP Arch, CI A, 142 inch by 91 inch           |
| 4010769 | Ft | Culv, CSP Arch, CI F, 17 inch by 13 inch            |
| 4010770 | Ft | Culv, CSP Arch, CI F, 21 inch by 15 inch            |
| 4010771 | Ft | Culv, CSP Arch, CI F, 24 inch by 18 inch            |
| 4010772 | Ft | Culv, CSP Arch, CI F, 28 inch by 20 inch            |
| 4010773 | Ft | Culv, CSP Arch, CI F, 35 inch by 24 inch            |
| 4010774 | Ft | Culv, CSP Arch, CI F, 42 inch by 29 inch            |
| 4010775 | Ft | Culv, CSP Arch, CI F, 49 inch by 33 inch            |
| 4010776 | Ft | Culv, CSP Arch, CI F, 63 inch by 43 inch            |
| 4010777 | Ft | Culv, CSP Arch, CI F, 64 inch by 38 inch            |
| 4010778 | Ft | Culv, CSP Arch, CI F, 71 inch by 47 inch            |
| 4010779 | Ft | Culv, CSP Arch, CI F, 81 inch by 59 inch            |
| 4010780 | Ft | Culv, CSP Arch, CI F, 87 inch by 63 inch            |
| 4010781 | Ft | Culv, CSP Arch, CI F, 95 inch by 67 inch            |
| 4010782 | Ft | Culv, CSP Arch, CI F, 112 inch by 75 inch           |
| 4010783 | Ft | Culv, CSP Arch, CI F, 127 inch by 83 inch           |
| 4010784 | Ft | Culv, CSP Arch, CI F, 142 inch by 91 inch           |
| 4010795 | Ft | Culv, Downspout, 12 inch                            |
| 4010796 | Ft | Culv, Downspout, 15 inch                            |
| 4010797 | Ft | Culv, Downspout, 18 inch                            |
| 4010798 | Ft | Culv, Downspout, 24 inch                            |
| 4010809 | Ft | Culv, Reinf Conc Ellip, HE CI A, 14 inch by 23 inch |

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|         |    |  |
|---------|----|--|
| 4010810 | Ft | Culv, Reinf Conc Ellip, HE CI A, 19 inch by 30 inch    |
| 4010811 | Ft | Culv, Reinf Conc Ellip, HE CI A, 22 inch by 34 inch    |
| 4010812 | Ft | Culv, Reinf Conc Ellip, HE CI A, 24 inch by 38 inch    |
| 4010813 | Ft | Culv, Reinf Conc Ellip, HE CI A, 29 inch by 45 inch    |
| 4010814 | Ft | Culv, Reinf Conc Ellip, HE CI A, 34 inch by 53 inch    |
| 4010815 | Ft | Culv, Reinf Conc Ellip, HE CI A, 38 inch by 60 inch    |
| 4010816 | Ft | Culv, Reinf Conc Ellip, HE CI A, 43 inch by 68 inch    |
| 4010817 | Ft | Culv, Reinf Conc Ellip, HE CI A, 48 inch by 76 inch    |
| 4010818 | Ft | Culv, Reinf Conc Ellip, HE CI A, 53 inch by 83 inch    |
| 4010819 | Ft | Culv, Reinf Conc Ellip, HE CI A, 58 inch by 91 inch    |
| 4010820 | Ft | Culv, Reinf Conc Ellip, HE CI A, 63 inch by 98 inch    |
| 4010821 | Ft | Culv, Reinf Conc Ellip, HE CI A, 68 inch by 106 inch   |
| 4010832 | Ft | Culv, Reinf Conc Ellip, HE CI I, 14 inch by 23 inch    |
| 4010833 | Ft | Culv, Reinf Conc Ellip, HE CI I, 19 inch by 30 inch    |
| 4010834 | Ft | Culv, Reinf Conc Ellip, HE CI I, 22 inch by 34 inch    |
| 4010835 | Ft | Culv, Reinf Conc Ellip, HE CI I, 24 inch by 38 inch    |
| 4010836 | Ft | Culv, Reinf Conc Ellip, HE CI I, 29 inch by 45 inch    |
| 4010837 | Ft | Culv, Reinf Conc Ellip, HE CI I, 34 inch by 53 inch    |
| 4010838 | Ft | Culv, Reinf Conc Ellip, HE CI I, 38 inch by 60 inch    |
| 4010839 | Ft | Culv, Reinf Conc Ellip, HE CI I, 43 inch by 68 inch    |
| 4010840 | Ft | Culv, Reinf Conc Ellip, HE CI I, 48 inch by 76 inch    |
| 4010841 | Ft | Culv, Reinf Conc Ellip, HE CI I, 53 inch by 83 inch    |
| 4010842 | Ft | Culv, Reinf Conc Ellip, HE CI I, 58 inch by 91 inch    |
| 4010843 | Ft | Culv, Reinf Conc Ellip, HE CI I, 63 inch by 98 inch    |
| 4010844 | Ft | Culv, Reinf Conc Ellip, HE CI I, 68 inch by 106 inch   |
| 4010855 | Ft | Culv, Reinf Conc Ellip, HE CI II, 14 inch by 23 inch   |
| 4010856 | Ft | Culv, Reinf Conc Ellip, HE CI II, 19 inch by 30 inch   |
| 4010857 | Ft | Culv, Reinf Conc Ellip, HE CI II, 22 inch by 34 inch   |
| 4010858 | Ft | Culv, Reinf Conc Ellip, HE CI II, 24 inch by 38 inch   |
| 4010859 | Ft | Culv, Reinf Conc Ellip, HE CI II, 29 inch by 45 inch   |
| 4010860 | Ft | Culv, Reinf Conc Ellip, HE CI II, 34 inch by 53 inch   |
| 4010861 | Ft | Culv, Reinf Conc Ellip, HE CI II, 38 inch by 60 inch   |
| 4010862 | Ft | Culv, Reinf Conc Ellip, HE CI II, 43 inch by 68 inch   |
| 4010863 | Ft | Culv, Reinf Conc Ellip, HE CI II, 48 inch by 76 inch   |
| 4010864 | Ft | Culv, Reinf Conc Ellip, HE CI II, 53 inch by 83 inch   |
| 4010865 | Ft | Culv, Reinf Conc Ellip, HE CI II, 58 inch by 91 inch   |
| 4010866 | Ft | Culv, Reinf Conc Ellip, HE CI II, 63 inch by 98 inch   |
| 4010867 | Ft | Culv, Reinf Conc Ellip, HE CI II, 68 inch by 106 inch  |
| 4010878 | Ft | Culv, Reinf Conc Ellip, HE CI III, 14 inch by 23 inch  |
| 4010879 | Ft | Culv, Reinf Conc Ellip, HE CI III, 19 inch by 30 inch  |
| 4010880 | Ft | Culv, Reinf Conc Ellip, HE CI III, 22 inch by 34 inch  |
| 4010881 | Ft | Culv, Reinf Conc Ellip, HE CI III, 24 inch by 38 inch  |
| 4010882 | Ft | Culv, Reinf Conc Ellip, HE CI III, 29 inch by 45 inch  |
| 4010883 | Ft | Culv, Reinf Conc Ellip, HE CI III, 34 inch by 53 inch  |
| 4010884 | Ft | Culv, Reinf Conc Ellip, HE CI III, 38 inch by 60 inch  |
| 4010885 | Ft | Culv, Reinf Conc Ellip, HE CI III, 43 inch by 68 inch  |
| 4010886 | Ft | Culv, Reinf Conc Ellip, HE CI III, 48 inch by 76 inch  |
| 4010887 | Ft | Culv, Reinf Conc Ellip, HE CI III, 53 inch by 83 inch  |
| 4010888 | Ft | Culv, Reinf Conc Ellip, HE CI III, 58 inch by 91 inch  |
| 4010889 | Ft | Culv, Reinf Conc Ellip, HE CI III, 63 inch by 98 inch  |
| 4010890 | Ft | Culv, Reinf Conc Ellip, HE CI III, 68 inch by 106 inch |
| 4010901 | Ft | Culv, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch   |
| 4010902 | Ft | Culv, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch   |
| 4010903 | Ft | Culv, Reinf Conc Ellip, HE CI IV, 22 inch by 34 inch   |
| 4010904 | Ft | Culv, Reinf Conc Ellip, HE CI IV, 24 inch by 38 inch   |
| 4010905 | Ft | Culv, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch   |
| 4010906 | Ft | Culv, Reinf Conc Ellip, HE CI IV, 34 inch by 53 inch   |

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|         |    |   |
|---------|----|---|
| 4010917 | Ea | Culv, Slp End Sect, 1 on 4, 15 inch, Longit                       |
| 4010918 | Ea | Culv, Slp End Sect, 1 on 4, 15 inch, Transv                       |
| 4010919 | Ea | Culv, Slp End Sect, 1 on 4, 18 inch, Longit                       |
| 4010920 | Ea | Culv, Slp End Sect, 1 on 4, 18 inch, Transv                       |
| 4010921 | Ea | Culv, Slp End Sect, 1 on 4, 21 inch, Longit                       |
| 4010922 | Ea | Culv, Slp End Sect, 1 on 4, 21 inch, Transv                       |
| 4010923 | Ea | Culv, Slp End Sect, 1 on 4, 24 inch, Longit                       |
| 4010924 | Ea | Culv, Slp End Sect, 1 on 4, 24 inch, Transv                       |
| 4010925 | Ea | Culv, Slp End Sect, 1 on 4, 27 inch, Longit                       |
| 4010926 | Ea | Culv, Slp End Sect, 1 on 4, 27 inch, Transv                       |
| 4010927 | Ea | Culv, Slp End Sect, 1 on 4, 30 inch, Longit                       |
| 4010928 | Ea | Culv, Slp End Sect, 1 on 4, 30 inch, Transv                       |
| 4010929 | Ea | Culv, Slp End Sect, 1 on 4, 36 inch, Longit                       |
| 4010930 | Ea | Culv, Slp End Sect, 1 on 4, 36 inch, Transv                       |
| 4010931 | Ea | Culv, Slp End Sect, 1 on 4, 42 inch, Longit                       |
| 4010932 | Ea | Culv, Slp End Sect, 1 on 4, 42 inch, Transv                       |
| 4010933 | Ea | Culv, Slp End Sect, 1 on 4, 48 inch, Longit                       |
| 4010934 | Ea | Culv, Slp End Sect, 1 on 4, 48 inch, Transv                       |
| 4010935 | Ea | Culv, Slp End Sect, 1 on 4, 54 inch, Longit                       |
| 4010936 | Ea | Culv, Slp End Sect, 1 on 4, 54 inch, Transv                       |
| 4010937 | Ea | Culv, Slp End Sect, 1 on 4, 60 inch, Longit                       |
| 4010938 | Ea | Culv, Slp End Sect, 1 on 4, 60 inch, Transv                       |
| 4010949 | Ea | Culv, Slp End Sect, 1 on 6, 15 inch, Longit                       |
| 4010950 | Ea | Culv, Slp End Sect, 1 on 6, 15 inch, Transv                       |
| 4010951 | Ea | Culv, Slp End Sect, 1 on 6, 18 inch, Longit                       |
| 4010952 | Ea | Culv, Slp End Sect, 1 on 6, 18 inch, Transv                       |
| 4010953 | Ea | Culv, Slp End Sect, 1 on 6, 21 inch, Longit                       |
| 4010954 | Ea | Culv, Slp End Sect, 1 on 6, 21 inch, Transv                       |
| 4010955 | Ea | Culv, Slp End Sect, 1 on 6, 24 inch, Longit                       |
| 4010956 | Ea | Culv, Slp End Sect, 1 on 6, 24 inch, Transv                       |
| 4010957 | Ea | Culv, Slp End Sect, 1 on 6, 27 inch, Longit                       |
| 4010958 | Ea | Culv, Slp End Sect, 1 on 6, 27 inch, Transv                       |
| 4010959 | Ea | Culv, Slp End Sect, 1 on 6, 30 inch, Longit                       |
| 4010960 | Ea | Culv, Slp End Sect, 1 on 6, 30 inch, Transv                       |
| 4010961 | Ea | Culv, Slp End Sect, 1 on 6, 36 inch, Longit                       |
| 4010962 | Ea | Culv, Slp End Sect, 1 on 6, 36 inch, Transv                       |
| 4010963 | Ea | Culv, Slp End Sect, 1 on 6, 42 inch, Longit                       |
| 4010964 | Ea | Culv, Slp End Sect, 1 on 6, 42 inch, Transv                       |
| 4010965 | Ea | Culv, Slp End Sect, 1 on 6, 48 inch, Longit                       |
| 4010966 | Ea | Culv, Slp End Sect, 1 on 6, 48 inch, Transv                       |
| 4010967 | Ea | Culv, Slp End Sect, 1 on 6, 54 inch, Longit                       |
| 4010968 | Ea | Culv, Slp End Sect, 1 on 6, 54 inch, Transv                       |
| 4010969 | Ea | Culv, Slp End Sect, 1 on 6, 60 inch, Longit                       |
| 4010970 | Ea | Culv, Slp End Sect, 1 on 6, 60 inch, Transv                       |
| 4010981 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 21 inch by 15 inch, Longit |
| 4010982 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 21 inch by 15 inch, Transv |
| 4010983 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 24 inch by 18 inch, Longit |
| 4010984 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 24 inch by 18 inch, Transv |
| 4010985 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 28 inch by 20 inch, Longit |
| 4010986 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 28 inch by 20 inch, Transv |
| 4010987 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 35 inch by 24 inch, Longit |
| 4010988 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 35 inch by 24 inch, Transv |
| 4010989 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 42 inch by 29 inch, Longit |
| 4010990 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 42 inch by 29 inch, Transv |
| 4010991 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 49 inch by 33 inch, Longit |
| 4010992 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 49 inch by 33 inch, Transv |
| 4010993 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 57 inch by 38 inch, Longit |

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|         |    |  |
|---------|----|--|
| 4010994 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 57 inch by 38 inch, Transv  |
| 4010995 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 64 inch by 43 inch, Longit  |
| 4010996 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 64 inch by 43 inch, Transv  |
| 4010997 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 71 inch by 47 inch, Longit  |
| 4010998 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 71 inch by 47 inch, Transv  |
| 4010999 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 73 inch by 55 inch, Longit  |
| 4011000 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 73 inch by 55 inch, Transv  |
| 4011001 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 77 inch by 52 inch, Longit  |
| 4011002 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 77 inch by 52 inch, Transv  |
| 4011003 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 83 inch by 57 inch, Longit  |
| 4011004 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 4, 83 inch by 57 inch, Transv  |
| 4011015 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 21 inch by 15 inch, Longit  |
| 4011016 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 21 inch by 15 inch, Transv  |
| 4011017 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 24 inch by 18 inch, Longit  |
| 4011018 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 24 inch by 18 inch, Transv  |
| 4011019 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 28 inch by 20 inch, Longit  |
| 4011020 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 28 inch by 20 inch, Transv  |
| 4011021 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 35 inch by 24 inch, Longit  |
| 4011022 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 35 inch by 24 inch, Transv  |
| 4011023 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 42 inch by 29 inch, Longit  |
| 4011024 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 42 inch by 29 inch, Transv  |
| 4011025 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 49 inch by 33 inch, Longit  |
| 4011026 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 49 inch by 33 inch, Transv  |
| 4011027 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 57 inch by 38 inch, Longit  |
| 4011028 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 57 inch by 38 inch, Transv  |
| 4011029 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 64 inch by 43 inch, Longit  |
| 4011030 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 64 inch by 43 inch, Transv  |
| 4011031 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 71 inch by 47 inch, Longit  |
| 4011032 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 71 inch by 47 inch, Transv  |
| 4011033 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 73 inch by 55 inch, Longit  |
| 4011034 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 73 inch by 55 inch, Transv  |
| 4011035 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 77 inch by 52 inch, Longit  |
| 4011036 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 77 inch by 52 inch, Transv  |
| 4011037 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 83 inch by 55 inch, Longit  |
| 4011038 | Ea | Culv, Slp End Sect, Arch Pipe, 1 on 6, 83 inch by 57 inch, Transv  |
| 4011049 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 14 inch by 23 inch, Longit |
| 4011050 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 14 inch by 23 inch, Transv |
| 4011051 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 19 inch by 30 inch, Longit |
| 4011052 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 19 inch by 30 inch, Transv |
| 4011053 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 22 inch by 34 inch, Longit |
| 4011054 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 22 inch by 34 inch, Transv |
| 4011055 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 24 inch by 38 inch, Longit |
| 4011056 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 24 inch by 38 inch, Transv |
| 4011057 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 27 inch by 42 inch, Longit |
| 4011058 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 27 inch by 42 inch, Transv |
| 4011059 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Longit |
| 4011060 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Transv |
| 4011061 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Longit |
| 4011062 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Transv |
| 4011063 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Longit |
| 4011064 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv |
| 4011065 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 43 inch by 68 inch, Longit |
| 4011066 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 43 inch by 68 inch, Transv |
| 4011067 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 48 inch by 76 inch, Longit |
| 4011068 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 4, 48 inch by 76 inch, Transv |
| 4011079 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 14 inch by 23 inch, Longit |
| 4011080 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 14 inch by 23 inch, Transv |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |  |
|---------|----|--|
| 4011081 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 19 inch by 30 inch, Longit |
| 4011082 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 19 inch by 30 inch, Transv |
| 4011083 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 22 inch by 34 inch, Longit |
| 4011084 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 22 inch by 34 inch, Transv |
| 4011085 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 24 inch by 38 inch, Longit |
| 4011086 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 24 inch by 38 inch, Transv |
| 4011087 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 27 inch by 42 inch, Longit |
| 4011088 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 27 inch by 42 inch, Transv |
| 4011089 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 29 inch by 45 inch, Longit |
| 4011090 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 29 inch by 45 inch, Transv |
| 4011091 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 34 inch by 53 inch, Longit |
| 4011092 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 34 inch by 53 inch, Transv |
| 4011093 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 38 inch by 60 inch, Longit |
| 4011094 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 38 inch by 60 inch, Transv |
| 4011095 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 43 inch by 68 inch, Longit |
| 4011096 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 43 inch by 68 inch, Transv |
| 4011097 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 48 inch by 76 inch, Longit |
| 4011098 | Ea | Culv, Slp End Sect, Ellip Pipe, 1 on 6, 48 inch by 76 inch, Transv |
| 4011120 | Ft | Steel Casing Pipe, 12 inch, Jacked in Place                        |
| 4011121 | Ft | Steel Casing Pipe, 14 inch, Jacked in Place                        |
| 4011122 | Ft | Steel Casing Pipe, 16 inch, Jacked in Place                        |
| 4011123 | Ft | Steel Casing Pipe, 20 inch, Jacked in Place                        |
| 4011134 | Ft | Steel Casing Pipe, 24 inch, Jacked in Place                        |
| 4011135 | Ft | Steel Casing Pipe, 24 inch, Tr Det F                               |
| 4011136 | Ft | Steel Casing Pipe, 24 inch, Tr Det G                               |
| 4011147 | Ft | Steel Casing Pipe, 30 inch, Jacked in Place                        |
| 4011148 | Ft | Steel Casing Pipe, 30 inch, Tr Det F                               |
| 4011149 | Ft | Steel Casing Pipe, 30 inch, Tr Det G                               |
| 4011160 | Ft | Steel Casing Pipe, 36 inch, Jacked in Place                        |
| 4011161 | Ft | Steel Casing Pipe, 36 inch, Tr Det F                               |
| 4011162 | Ft | Steel Casing Pipe, 36 inch, Tr Det G                               |
| 4011173 | Ft | Steel Casing Pipe, 42 inch, Jacked in Place                        |
| 4011174 | Ft | Steel Casing Pipe, 42 inch, Tr Det F                               |
| 4011175 | Ft | Steel Casing Pipe, 42 inch, Tr Det G                               |
| 4020001 | Ft | Sewer, CI A, 6 inch, Tr Det A                                      |
| 4020002 | Ft | Sewer, CI A, 8 inch, Tr Det A                                      |
| 4020003 | Ft | Sewer, CI A, 10 inch, Tr Det A                                     |
| 4020004 | Ft | Sewer, CI A, 12 inch, Tr Det A                                     |
| 4020005 | Ft | Sewer, CI A, 15 inch, Tr Det A                                     |
| 4020006 | Ft | Sewer, CI A, 18 inch, Tr Det A                                     |
| 4020007 | Ft | Sewer, CI A, 24 inch, Tr Det A                                     |
| 4020008 | Ft | Sewer, CI A, 30 inch, Tr Det A                                     |
| 4020009 | Ft | Sewer, CI A, 36 inch, Tr Det A                                     |
| 4020010 | Ft | Sewer, CI A, 42 inch, Tr Det A                                     |
| 4020011 | Ft | Sewer, CI A, 48 inch, Tr Det A                                     |
| 4020012 | Ft | Sewer, CI A, 54 inch, Tr Det A                                     |
| 4020013 | Ft | Sewer, CI A, 60 inch, Tr Det A                                     |
| 4020014 | Ft | Sewer, CI A, 66 inch, Tr Det A                                     |
| 4020015 | Ft | Sewer, CI A, 72 inch, Tr Det A                                     |
| 4020016 | Ft | Sewer, CI A, 78 inch, Tr Det A                                     |
| 4020017 | Ft | Sewer, CI A, 84 inch, Tr Det A                                     |
| 4020018 | Ft | Sewer, CI A, 90 inch, Tr Det A                                     |
| 4020019 | Ft | Sewer, CI A, 96 inch, Tr Det A                                     |
| 4020020 | Ft | Sewer, CI A, 102 inch, Tr Det A                                    |
| 4020021 | Ft | Sewer, CI A, 108 inch, Tr Det A                                    |
| 4020022 | Ft | Sewer, CI A, 114 inch, Tr Det A                                    |
| 4020023 | Ft | Sewer, CI A, 120 inch, Tr Det A                                    |

**Michigan Department of Transportation - Buy America Requirements  
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|         |    |                                 |
|---------|----|---------------------------------|
| 4020024 | Ft | Sewer, CI A, 126 inch, Tr Det A |
| 4020025 | Ft | Sewer, CI A, 132 inch, Tr Det A |
| 4020026 | Ft | Sewer, CI A, 138 inch, Tr Det A |
| 4020027 | Ft | Sewer, CI A, 144 inch, Tr Det A |
| 4020030 | Ft | Sewer, CI A, 6 inch, Tr Det B   |
| 4020031 | Ft | Sewer, CI A, 8 inch, Tr Det B   |
| 4020032 | Ft | Sewer, CI A, 10 inch, Tr Det B  |
| 4020033 | Ft | Sewer, CI A, 12 inch, Tr Det B  |
| 4020034 | Ft | Sewer, CI A, 15 inch, Tr Det B  |
| 4020035 | Ft | Sewer, CI A, 18 inch, Tr Det B  |
| 4020036 | Ft | Sewer, CI A, 24 inch, Tr Det B  |
| 4020037 | Ft | Sewer, CI A, 30 inch, Tr Det B  |
| 4020038 | Ft | Sewer, CI A, 36 inch, Tr Det B  |
| 4020039 | Ft | Sewer, CI A, 42 inch, Tr Det B  |
| 4020040 | Ft | Sewer, CI A, 48 inch, Tr Det B  |
| 4020041 | Ft | Sewer, CI A, 54 inch, Tr Det B  |
| 4020042 | Ft | Sewer, CI A, 60 inch, Tr Det B  |
| 4020043 | Ft | Sewer, CI A, 66 inch, Tr Det B  |
| 4020044 | Ft | Sewer, CI A, 72 inch, Tr Det B  |
| 4020045 | Ft | Sewer, CI A, 78 inch, Tr Det B  |
| 4020046 | Ft | Sewer, CI A, 84 inch, Tr Det B  |
| 4020047 | Ft | Sewer, CI A, 90 inch, Tr Det B  |
| 4020048 | Ft | Sewer, CI A, 96 inch, Tr Det B  |
| 4020049 | Ft | Sewer, CI A, 102 inch, Tr Det B |
| 4020050 | Ft | Sewer, CI A, 108 inch, Tr Det B |
| 4020051 | Ft | Sewer, CI A, 114 inch, Tr Det B |
| 4020052 | Ft | Sewer, CI A, 120 inch, Tr Det B |
| 4020053 | Ft | Sewer, CI A, 126 inch, Tr Det B |
| 4020054 | Ft | Sewer, CI A, 132 inch, Tr Det B |
| 4020055 | Ft | Sewer, CI A, 138 inch, Tr Det B |
| 4020056 | Ft | Sewer, CI A, 144 inch, Tr Det B |
| 4020060 | Ft | Sewer, CI A, 6 inch, Tr Det C   |
| 4020061 | Ft | Sewer, CI A, 8 inch, Tr Det C   |
| 4020062 | Ft | Sewer, CI A, 10 inch, Tr Det C  |
| 4020063 | Ft | Sewer, CI A, 12 inch, Tr Det C  |
| 4020064 | Ft | Sewer, CI A, 15 inch, Tr Det C  |
| 4020065 | Ft | Sewer, CI A, 18 inch, Tr Det C  |
| 4020066 | Ft | Sewer, CI A, 24 inch, Tr Det C  |
| 4020067 | Ft | Sewer, CI A, 30 inch, Tr Det C  |
| 4020068 | Ft | Sewer, CI A, 36 inch, Tr Det C  |
| 4020069 | Ft | Sewer, CI A, 42 inch, Tr Det C  |
| 4020070 | Ft | Sewer, CI A, 48 inch, Tr Det C  |
| 4020071 | Ft | Sewer, CI A, 54 inch, Tr Det C  |
| 4020072 | Ft | Sewer, CI A, 60 inch, Tr Det C  |
| 4020073 | Ft | Sewer, CI A, 66 inch, Tr Det C  |
| 4020074 | Ft | Sewer, CI A, 72 inch, Tr Det C  |
| 4020075 | Ft | Sewer, CI A, 78 inch, Tr Det C  |
| 4020076 | Ft | Sewer, CI A, 84 inch, Tr Det C  |
| 4020077 | Ft | Sewer, CI A, 90 inch, Tr Det C  |
| 4020078 | Ft | Sewer, CI A, 96 inch, Tr Det C  |
| 4020079 | Ft | Sewer, CI A, 102 inch, Tr Det C |
| 4020080 | Ft | Sewer, CI A, 108 inch, Tr Det C |
| 4020081 | Ft | Sewer, CI A, 114 inch, Tr Det C |
| 4020082 | Ft | Sewer, CI A, 120 inch, Tr Det C |
| 4020083 | Ft | Sewer, CI A, 126 inch, Tr Det C |
| 4020084 | Ft | Sewer, CI A, 132 inch, Tr Det C |
| 4020085 | Ft | Sewer, CI A, 138 inch, Tr Det C |

**Michigan Department of Transportation - Buy America Requirements  
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|         |    |                                 |
|---------|----|---------------------------------|
| 4020086 | Ft | Sewer, CI A, 144 inch, Tr Det C |
| 4020090 | Ft | Sewer, CI A, 6 inch, Tr Det D   |
| 4020091 | Ft | Sewer, CI A, 8 inch, Tr Det D   |
| 4020092 | Ft | Sewer, CI A, 10 inch, Tr Det D  |
| 4020093 | Ft | Sewer, CI A, 12 inch, Tr Det D  |
| 4020094 | Ft | Sewer, CI A, 15 inch, Tr Det D  |
| 4020095 | Ft | Sewer, CI A, 18 inch, Tr Det D  |
| 4020096 | Ft | Sewer, CI A, 24 inch, Tr Det D  |
| 4020097 | Ft | Sewer, CI A, 30 inch, Tr Det D  |
| 4020098 | Ft | Sewer, CI A, 36 inch, Tr Det D  |
| 4020099 | Ft | Sewer, CI A, 42 inch, Tr Det D  |
| 4020100 | Ft | Sewer, CI A, 48 inch, Tr Det D  |
| 4020101 | Ft | Sewer, CI A, 54 inch, Tr Det D  |
| 4020102 | Ft | Sewer, CI A, 60 inch, Tr Det D  |
| 4020103 | Ft | Sewer, CI A, 66 inch, Tr Det D  |
| 4020104 | Ft | Sewer, CI A, 72 inch, Tr Det D  |
| 4020105 | Ft | Sewer, CI A, 78 inch, Tr Det D  |
| 4020106 | Ft | Sewer, CI A, 84 inch, Tr Det D  |
| 4020107 | Ft | Sewer, CI A, 90 inch, Tr Det D  |
| 4020108 | Ft | Sewer, CI A, 96 inch, Tr Det D  |
| 4020109 | Ft | Sewer, CI A, 102 inch, Tr Det D |
| 4020110 | Ft | Sewer, CI A, 108 inch, Tr Det D |
| 4020111 | Ft | Sewer, CI A, 114 inch, Tr Det D |
| 4020112 | Ft | Sewer, CI A, 120 inch, Tr Det D |
| 4020113 | Ft | Sewer, CI A, 126 inch, Tr Det D |
| 4020114 | Ft | Sewer, CI A, 132 inch, Tr Det D |
| 4020115 | Ft | Sewer, CI A, 138 inch, Tr Det D |
| 4020116 | Ft | Sewer, CI A, 144 inch, Tr Det D |
| 4020120 | Ft | Sewer, CI A, 6 inch, Tr Det E   |
| 4020121 | Ft | Sewer, CI A, 8 inch, Tr Det E   |
| 4020122 | Ft | Sewer, CI A, 10 inch, Tr Det E  |
| 4020123 | Ft | Sewer, CI A, 12 inch, Tr Det E  |
| 4020124 | Ft | Sewer, CI A, 15 inch, Tr Det E  |
| 4020125 | Ft | Sewer, CI A, 18 inch, Tr Det E  |
| 4020126 | Ft | Sewer, CI A, 24 inch, Tr Det E  |
| 4020127 | Ft | Sewer, CI A, 30 inch, Tr Det E  |
| 4020128 | Ft | Sewer, CI A, 36 inch, Tr Det E  |
| 4020129 | Ft | Sewer, CI A, 42 inch, Tr Det E  |
| 4020130 | Ft | Sewer, CI A, 48 inch, Tr Det E  |
| 4020131 | Ft | Sewer, CI A, 54 inch, Tr Det E  |
| 4020132 | Ft | Sewer, CI A, 60 inch, Tr Det E  |
| 4020133 | Ft | Sewer, CI A, 66 inch, Tr Det E  |
| 4020134 | Ft | Sewer, CI A, 72 inch, Tr Det E  |
| 4020135 | Ft | Sewer, CI A, 78 inch, Tr Det E  |
| 4020136 | Ft | Sewer, CI A, 84 inch, Tr Det E  |
| 4020137 | Ft | Sewer, CI A, 90 inch, Tr Det E  |
| 4020138 | Ft | Sewer, CI A, 96 inch, Tr Det E  |
| 4020139 | Ft | Sewer, CI A, 102 inch, Tr Det E |
| 4020140 | Ft | Sewer, CI A, 108 inch, Tr Det E |
| 4020141 | Ft | Sewer, CI A, 114 inch, Tr Det E |
| 4020142 | Ft | Sewer, CI A, 120 inch, Tr Det E |
| 4020143 | Ft | Sewer, CI A, 126 inch, Tr Det E |
| 4020144 | Ft | Sewer, CI A, 132 inch, Tr Det E |
| 4020145 | Ft | Sewer, CI A, 138 inch, Tr Det E |
| 4020146 | Ft | Sewer, CI A, 144 inch, Tr Det E |
| 4020150 | Ft | Sewer, CI B, 6 inch, Tr Det A   |
| 4020151 | Ft | Sewer, CI B, 8 inch, Tr Det A   |

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|         |    |                                 |
|---------|----|---------------------------------|
| 4020152 | Ft | Sewer, CI B, 10 inch, Tr Det A  |
| 4020153 | Ft | Sewer, CI B, 12 inch, Tr Det A  |
| 4020154 | Ft | Sewer, CI B, 15 inch, Tr Det A  |
| 4020155 | Ft | Sewer, CI B, 18 inch, Tr Det A  |
| 4020156 | Ft | Sewer, CI B, 24 inch, Tr Det A  |
| 4020157 | Ft | Sewer, CI B, 30 inch, Tr Det A  |
| 4020158 | Ft | Sewer, CI B, 36 inch, Tr Det A  |
| 4020159 | Ft | Sewer, CI B, 42 inch, Tr Det A  |
| 4020160 | Ft | Sewer, CI B, 48 inch, Tr Det A  |
| 4020161 | Ft | Sewer, CI B, 54 inch, Tr Det A  |
| 4020162 | Ft | Sewer, CI B, 60 inch, Tr Det A  |
| 4020163 | Ft | Sewer, CI B, 66 inch, Tr Det A  |
| 4020164 | Ft | Sewer, CI B, 72 inch, Tr Det A  |
| 4020165 | Ft | Sewer, CI B, 78 inch, Tr Det A  |
| 4020166 | Ft | Sewer, CI B, 84 inch, Tr Det A  |
| 4020167 | Ft | Sewer, CI B, 90 inch, Tr Det A  |
| 4020168 | Ft | Sewer, CI B, 96 inch, Tr Det A  |
| 4020169 | Ft | Sewer, CI B, 102 inch, Tr Det A |
| 4020170 | Ft | Sewer, CI B, 108 inch, Tr Det A |
| 4020171 | Ft | Sewer, CI B, 114 inch, Tr Det A |
| 4020172 | Ft | Sewer, CI B, 120 inch, Tr Det A |
| 4020173 | Ft | Sewer, CI B, 126 inch, Tr Det A |
| 4020174 | Ft | Sewer, CI B, 132 inch, Tr Det A |
| 4020175 | Ft | Sewer, CI B, 138 inch, Tr Det A |
| 4020176 | Ft | Sewer, CI B, 144 inch, Tr Det A |
| 4020180 | Ft | Sewer, CI B, 6 inch, Tr Det B   |
| 4020181 | Ft | Sewer, CI B, 8 inch, Tr Det B   |
| 4020182 | Ft | Sewer, CI B, 10 inch, Tr Det B  |
| 4020183 | Ft | Sewer, CI B, 12 inch, Tr Det B  |
| 4020184 | Ft | Sewer, CI B, 15 inch, Tr Det B  |
| 4020185 | Ft | Sewer, CI B, 18 inch, Tr Det B  |
| 4020186 | Ft | Sewer, CI B, 24 inch, Tr Det B  |
| 4020187 | Ft | Sewer, CI B, 30 inch, Tr Det B  |
| 4020188 | Ft | Sewer, CI B, 36 inch, Tr Det B  |
| 4020189 | Ft | Sewer, CI B, 42 inch, Tr Det B  |
| 4020190 | Ft | Sewer, CI B, 48 inch, Tr Det B  |
| 4020191 | Ft | Sewer, CI B, 54 inch, Tr Det B  |
| 4020192 | Ft | Sewer, CI B, 60 inch, Tr Det B  |
| 4020193 | Ft | Sewer, CI B, 66 inch, Tr Det B  |
| 4020194 | Ft | Sewer, CI B, 72 inch, Tr Det B  |
| 4020195 | Ft | Sewer, CI B, 78 inch, Tr Det B  |
| 4020196 | Ft | Sewer, CI B, 84 inch, Tr Det B  |
| 4020197 | Ft | Sewer, CI B, 90 inch, Tr Det B  |
| 4020198 | Ft | Sewer, CI B, 96 inch, Tr Det B  |
| 4020199 | Ft | Sewer, CI B, 102 inch, Tr Det B |
| 4020200 | Ft | Sewer, CI B, 108 inch, Tr Det B |
| 4020201 | Ft | Sewer, CI B, 114 inch, Tr Det B |
| 4020202 | Ft | Sewer, CI B, 120 inch, Tr Det B |
| 4020203 | Ft | Sewer, CI B, 126 inch, Tr Det B |
| 4020204 | Ft | Sewer, CI B, 132 inch, Tr Det B |
| 4020205 | Ft | Sewer, CI B, 138 inch, Tr Det B |
| 4020206 | Ft | Sewer, CI B, 144 inch, Tr Det B |
| 4020210 | Ft | Sewer, CI B, 6 inch, Tr Det C   |
| 4020211 | Ft | Sewer, CI B, 8 inch, Tr Det C   |
| 4020212 | Ft | Sewer, CI B, 10 inch, Tr Det C  |
| 4020213 | Ft | Sewer, CI B, 12 inch, Tr Det C  |
| 4020214 | Ft | Sewer, CI B, 15 inch, Tr Det C  |



**Michigan Department of Transportation - Buy America Requirements  
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|         |    |                                 |
|---------|----|---------------------------------|
| 4020215 | Ft | Sewer, CI B, 18 inch, Tr Det C  |
| 4020216 | Ft | Sewer, CI B, 24 inch, Tr Det C  |
| 4020217 | Ft | Sewer, CI B, 30 inch, Tr Det C  |
| 4020218 | Ft | Sewer, CI B, 36 inch, Tr Det C  |
| 4020219 | Ft | Sewer, CI B, 42 inch, Tr Det C  |
| 4020220 | Ft | Sewer, CI B, 48 inch, Tr Det C  |
| 4020221 | Ft | Sewer, CI B, 54 inch, Tr Det C  |
| 4020222 | Ft | Sewer, CI B, 60 inch, Tr Det C  |
| 4020223 | Ft | Sewer, CI B, 66 inch, Tr Det C  |
| 4020224 | Ft | Sewer, CI B, 72 inch, Tr Det C  |
| 4020225 | Ft | Sewer, CI B, 78 inch, Tr Det C  |
| 4020226 | Ft | Sewer, CI B, 84 inch, Tr Det C  |
| 4020227 | Ft | Sewer, CI B, 90 inch, Tr Det C  |
| 4020228 | Ft | Sewer, CI B, 96 inch, Tr Det C  |
| 4020229 | Ft | Sewer, CI B, 102 inch, Tr Det C |
| 4020230 | Ft | Sewer, CI B, 108 inch, Tr Det C |
| 4020231 | Ft | Sewer, CI B, 114 inch, Tr Det C |
| 4020232 | Ft | Sewer, CI B, 120 inch, Tr Det C |
| 4020233 | Ft | Sewer, CI B, 126 inch, Tr Det C |
| 4020234 | Ft | Sewer, CI B, 132 inch, Tr Det C |
| 4020235 | Ft | Sewer, CI B, 138 inch, Tr Det C |
| 4020236 | Ft | Sewer, CI B, 144 inch, Tr Det C |
| 4020240 | Ft | Sewer, CI B, 6 inch, Tr Det D   |
| 4020241 | Ft | Sewer, CI B, 8 inch, Tr Det D   |
| 4020242 | Ft | Sewer, CI B, 10 inch, Tr Det D  |
| 4020243 | Ft | Sewer, CI B, 12 inch, Tr Det D  |
| 4020244 | Ft | Sewer, CI B, 15 inch, Tr Det D  |
| 4020245 | Ft | Sewer, CI B, 18 inch, Tr Det D  |
| 4020246 | Ft | Sewer, CI B, 24 inch, Tr Det D  |
| 4020247 | Ft | Sewer, CI B, 30 inch, Tr Det D  |
| 4020248 | Ft | Sewer, CI B, 36 inch, Tr Det D  |
| 4020249 | Ft | Sewer, CI B, 42 inch, Tr Det D  |
| 4020250 | Ft | Sewer, CI B, 48 inch, Tr Det D  |
| 4020251 | Ft | Sewer, CI B, 54 inch, Tr Det D  |
| 4020252 | Ft | Sewer, CI B, 60 inch, Tr Det D  |
| 4020253 | Ft | Sewer, CI B, 66 inch, Tr Det D  |
| 4020254 | Ft | Sewer, CI B, 72 inch, Tr Det D  |
| 4020255 | Ft | Sewer, CI B, 78 inch, Tr Det D  |
| 4020256 | Ft | Sewer, CI B, 84 inch, Tr Det D  |
| 4020257 | Ft | Sewer, CI B, 90 inch, Tr Det D  |
| 4020258 | Ft | Sewer, CI B, 96 inch, Tr Det D  |
| 4020259 | Ft | Sewer, CI B, 102 inch, Tr Det D |
| 4020260 | Ft | Sewer, CI B, 108 inch, Tr Det D |
| 4020261 | Ft | Sewer, CI B, 114 inch, Tr Det D |
| 4020262 | Ft | Sewer, CI B, 120 inch, Tr Det D |
| 4020263 | Ft | Sewer, CI B, 126 inch, Tr Det D |
| 4020264 | Ft | Sewer, CI B, 132 inch, Tr Det D |
| 4020265 | Ft | Sewer, CI B, 138 inch, Tr Det D |
| 4020266 | Ft | Sewer, CI B, 144 inch, Tr Det D |
| 4020270 | Ft | Sewer, CI B, 6 inch, Tr Det E   |
| 4020271 | Ft | Sewer, CI B, 8 inch, Tr Det E   |
| 4020272 | Ft | Sewer, CI B, 10 inch, Tr Det E  |
| 4020273 | Ft | Sewer, CI B, 12 inch, Tr Det E  |
| 4020274 | Ft | Sewer, CI B, 15 inch, Tr Det E  |
| 4020275 | Ft | Sewer, CI B, 18 inch, Tr Det E  |
| 4020276 | Ft | Sewer, CI B, 24 inch, Tr Det E  |
| 4020277 | Ft | Sewer, CI B, 30 inch, Tr Det E  |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                 |
|---------|----|---------------------------------|
| 4020278 | Ft | Sewer, CI B, 36 inch, Tr Det E  |
| 4020279 | Ft | Sewer, CI B, 42 inch, Tr Det E  |
| 4020280 | Ft | Sewer, CI B, 48 inch, Tr Det E  |
| 4020281 | Ft | Sewer, CI B, 54 inch, Tr Det E  |
| 4020282 | Ft | Sewer, CI B, 60 inch, Tr Det E  |
| 4020283 | Ft | Sewer, CI B, 66 inch, Tr Det E  |
| 4020284 | Ft | Sewer, CI B, 72 inch, Tr Det E  |
| 4020285 | Ft | Sewer, CI B, 78 inch, Tr Det E  |
| 4020286 | Ft | Sewer, CI B, 84 inch, Tr Det E  |
| 4020287 | Ft | Sewer, CI B, 90 inch, Tr Det E  |
| 4020288 | Ft | Sewer, CI B, 96 inch, Tr Det E  |
| 4020289 | Ft | Sewer, CI B, 102 inch, Tr Det E |
| 4020290 | Ft | Sewer, CI B, 108 inch, Tr Det E |
| 4020291 | Ft | Sewer, CI B, 114 inch, Tr Det E |
| 4020292 | Ft | Sewer, CI B, 120 inch, Tr Det E |
| 4020293 | Ft | Sewer, CI B, 126 inch, Tr Det E |
| 4020294 | Ft | Sewer, CI B, 132 inch, Tr Det E |
| 4020295 | Ft | Sewer, CI B, 138 inch, Tr Det E |
| 4020296 | Ft | Sewer, CI B, 144 inch, Tr Det E |
| 4020300 | Ft | Sewer, CI C, 6 inch, Tr Det A   |
| 4020301 | Ft | Sewer, CI C, 8 inch, Tr Det A   |
| 4020302 | Ft | Sewer, CI C, 10 inch, Tr Det A  |
| 4020303 | Ft | Sewer, CI C, 12 inch, Tr Det A  |
| 4020304 | Ft | Sewer, CI C, 15 inch, Tr Det A  |
| 4020305 | Ft | Sewer, CI C, 18 inch, Tr Det A  |
| 4020306 | Ft | Sewer, CI C, 24 inch, Tr Det A  |
| 4020307 | Ft | Sewer, CI C, 30 inch, Tr Det A  |
| 4020308 | Ft | Sewer, CI C, 36 inch, Tr Det A  |
| 4020309 | Ft | Sewer, CI C, 42 inch, Tr Det A  |
| 4020310 | Ft | Sewer, CI C, 48 inch, Tr Det A  |
| 4020311 | Ft | Sewer, CI C, 54 inch, Tr Det A  |
| 4020312 | Ft | Sewer, CI C, 60 inch, Tr Det A  |
| 4020313 | Ft | Sewer, CI C, 66 inch, Tr Det A  |
| 4020314 | Ft | Sewer, CI C, 72 inch, Tr Det A  |
| 4020315 | Ft | Sewer, CI C, 78 inch, Tr Det A  |
| 4020316 | Ft | Sewer, CI C, 84 inch, Tr Det A  |
| 4020317 | Ft | Sewer, CI C, 90 inch, Tr Det A  |
| 4020318 | Ft | Sewer, CI C, 96 inch, Tr Det A  |
| 4020319 | Ft | Sewer, CI C, 102 inch, Tr Det A |
| 4020320 | Ft | Sewer, CI C, 108 inch, Tr Det A |
| 4020321 | Ft | Sewer, CI C, 114 inch, Tr Det A |
| 4020322 | Ft | Sewer, CI C, 120 inch, Tr Det A |
| 4020323 | Ft | Sewer, CI C, 126 inch, Tr Det A |
| 4020324 | Ft | Sewer, CI C, 132 inch, Tr Det A |
| 4020325 | Ft | Sewer, CI C, 138 inch, Tr Det A |
| 4020326 | Ft | Sewer, CI C, 144 inch, Tr Det A |
| 4020330 | Ft | Sewer, CI C, 6 inch, Tr Det B   |
| 4020331 | Ft | Sewer, CI C, 8 inch, Tr Det B   |
| 4020332 | Ft | Sewer, CI C, 10 inch, Tr Det B  |
| 4020333 | Ft | Sewer, CI C, 12 inch, Tr Det B  |
| 4020334 | Ft | Sewer, CI C, 15 inch, Tr Det B  |
| 4020335 | Ft | Sewer, CI C, 18 inch, Tr Det B  |
| 4020336 | Ft | Sewer, CI C, 24 inch, Tr Det B  |
| 4020337 | Ft | Sewer, CI C, 30 inch, Tr Det B  |
| 4020338 | Ft | Sewer, CI C, 36 inch, Tr Det B  |
| 4020339 | Ft | Sewer, CI C, 42 inch, Tr Det B  |
| 4020340 | Ft | Sewer, CI C, 48 inch, Tr Det B  |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                 |
|---------|----|---------------------------------|
| 4020341 | Ft | Sewer, CI C, 54 inch, Tr Det B  |
| 4020342 | Ft | Sewer, CI C, 60 inch, Tr Det B  |
| 4020343 | Ft | Sewer, CI C, 66 inch, Tr Det B  |
| 4020344 | Ft | Sewer, CI C, 72 inch, Tr Det B  |
| 4020345 | Ft | Sewer, CI C, 78 inch, Tr Det B  |
| 4020346 | Ft | Sewer, CI C, 84 inch, Tr Det B  |
| 4020347 | Ft | Sewer, CI C, 90 inch, Tr Det B  |
| 4020348 | Ft | Sewer, CI C, 96 inch, Tr Det B  |
| 4020349 | Ft | Sewer, CI C, 102 inch, Tr Det B |
| 4020350 | Ft | Sewer, CI C, 108 inch, Tr Det B |
| 4020351 | Ft | Sewer, CI C, 114 inch, Tr Det B |
| 4020352 | Ft | Sewer, CI C, 120 inch, Tr Det B |
| 4020353 | Ft | Sewer, CI C, 126 inch, Tr Det B |
| 4020354 | Ft | Sewer, CI C, 132 inch, Tr Det B |
| 4020355 | Ft | Sewer, CI C, 138 inch, Tr Det B |
| 4020356 | Ft | Sewer, CI C, 144 inch, Tr Det B |
| 4020360 | Ft | Sewer, CI C, 6 inch, Tr Det C   |
| 4020361 | Ft | Sewer, CI C, 8 inch, Tr Det C   |
| 4020362 | Ft | Sewer, CI C, 10 inch, Tr Det C  |
| 4020363 | Ft | Sewer, CI C, 12 inch, Tr Det C  |
| 4020364 | Ft | Sewer, CI C, 15 inch, Tr Det C  |
| 4020365 | Ft | Sewer, CI C, 18 inch, Tr Det C  |
| 4020366 | Ft | Sewer, CI C, 24 inch, Tr Det C  |
| 4020367 | Ft | Sewer, CI C, 30 inch, Tr Det C  |
| 4020368 | Ft | Sewer, CI C, 36 inch, Tr Det C  |
| 4020369 | Ft | Sewer, CI C, 42 inch, Tr Det C  |
| 4020370 | Ft | Sewer, CI C, 48 inch, Tr Det C  |
| 4020371 | Ft | Sewer, CI C, 54 inch, Tr Det C  |
| 4020372 | Ft | Sewer, CI C, 60 inch, Tr Det C  |
| 4020373 | Ft | Sewer, CI C, 66 inch, Tr Det C  |
| 4020374 | Ft | Sewer, CI C, 72 inch, Tr Det C  |
| 4020375 | Ft | Sewer, CI C, 78 inch, Tr Det C  |
| 4020376 | Ft | Sewer, CI C, 84 inch, Tr Det C  |
| 4020377 | Ft | Sewer, CI C, 90 inch, Tr Det C  |
| 4020378 | Ft | Sewer, CI C, 96 inch, Tr Det C  |
| 4020379 | Ft | Sewer, CI C, 102 inch, Tr Det C |
| 4020380 | Ft | Sewer, CI C, 108 inch, Tr Det C |
| 4020381 | Ft | Sewer, CI C, 114 inch, Tr Det C |
| 4020382 | Ft | Sewer, CI C, 120 inch, Tr Det C |
| 4020383 | Ft | Sewer, CI C, 126 inch, Tr Det C |
| 4020384 | Ft | Sewer, CI C, 132 inch, Tr Det C |
| 4020385 | Ft | Sewer, CI C, 138 inch, Tr Det C |
| 4020386 | Ft | Sewer, CI C, 144 inch, Tr Det C |
| 4020390 | Ft | Sewer, CI C, 6 inch, Tr Det D   |
| 4020391 | Ft | Sewer, CI C, 8 inch, Tr Det D   |
| 4020392 | Ft | Sewer, CI C, 10 inch, Tr Det D  |
| 4020393 | Ft | Sewer, CI C, 12 inch, Tr Det D  |
| 4020394 | Ft | Sewer, CI C, 15 inch, Tr Det D  |
| 4020395 | Ft | Sewer, CI C, 18 inch, Tr Det D  |
| 4020396 | Ft | Sewer, CI C, 24 inch, Tr Det D  |
| 4020397 | Ft | Sewer, CI C, 30 inch, Tr Det D  |
| 4020398 | Ft | Sewer, CI C, 36 inch, Tr Det D  |
| 4020399 | Ft | Sewer, CI C, 42 inch, Tr Det D  |
| 4020400 | Ft | Sewer, CI C, 48 inch, Tr Det D  |
| 4020401 | Ft | Sewer, CI C, 54 inch, Tr Det D  |
| 4020402 | Ft | Sewer, CI C, 60 inch, Tr Det D  |
| 4020403 | Ft | Sewer, CI C, 66 inch, Tr Det D  |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                 |
|---------|----|---------------------------------|
| 4020404 | Ft | Sewer, CI C, 72 inch, Tr Det D  |
| 4020405 | Ft | Sewer, CI C, 78 inch, Tr Det D  |
| 4020406 | Ft | Sewer, CI C, 84 inch, Tr Det D  |
| 4020407 | Ft | Sewer, CI C, 90 inch, Tr Det D  |
| 4020408 | Ft | Sewer, CI C, 96 inch, Tr Det D  |
| 4020409 | Ft | Sewer, CI C, 102 inch, Tr Det D |
| 4020410 | Ft | Sewer, CI C, 108 inch, Tr Det D |
| 4020411 | Ft | Sewer, CI C, 114 inch, Tr Det D |
| 4020412 | Ft | Sewer, CI C, 120 inch, Tr Det D |
| 4020413 | Ft | Sewer, CI C, 126 inch, Tr Det D |
| 4020414 | Ft | Sewer, CI C, 132 inch, Tr Det D |
| 4020415 | Ft | Sewer, CI C, 138 inch, Tr Det D |
| 4020416 | Ft | Sewer, CI C, 144 inch, Tr Det D |
| 4020420 | Ft | Sewer, CI C, 6 inch, Tr Det E   |
| 4020421 | Ft | Sewer, CI C, 8 inch, Tr Det E   |
| 4020422 | Ft | Sewer, CI C, 10 inch, Tr Det E  |
| 4020423 | Ft | Sewer, CI C, 12 inch, Tr Det E  |
| 4020424 | Ft | Sewer, CI C, 15 inch, Tr Det E  |
| 4020425 | Ft | Sewer, CI C, 18 inch, Tr Det E  |
| 4020426 | Ft | Sewer, CI C, 24 inch, Tr Det E  |
| 4020427 | Ft | Sewer, CI C, 30 inch, Tr Det E  |
| 4020428 | Ft | Sewer, CI C, 36 inch, Tr Det E  |
| 4020429 | Ft | Sewer, CI C, 42 inch, Tr Det E  |
| 4020430 | Ft | Sewer, CI C, 48 inch, Tr Det E  |
| 4020431 | Ft | Sewer, CI C, 54 inch, Tr Det E  |
| 4020432 | Ft | Sewer, CI C, 60 inch, Tr Det E  |
| 4020433 | Ft | Sewer, CI C, 66 inch, Tr Det E  |
| 4020434 | Ft | Sewer, CI C, 72 inch, Tr Det E  |
| 4020435 | Ft | Sewer, CI C, 78 inch, Tr Det E  |
| 4020436 | Ft | Sewer, CI C, 84 inch, Tr Det E  |
| 4020437 | Ft | Sewer, CI C, 90 inch, Tr Det E  |
| 4020438 | Ft | Sewer, CI C, 96 inch, Tr Det E  |
| 4020439 | Ft | Sewer, CI C, 102 inch, Tr Det E |
| 4020440 | Ft | Sewer, CI C, 108 inch, Tr Det E |
| 4020441 | Ft | Sewer, CI C, 114 inch, Tr Det E |
| 4020442 | Ft | Sewer, CI C, 120 inch, Tr Det E |
| 4020443 | Ft | Sewer, CI C, 126 inch, Tr Det E |
| 4020444 | Ft | Sewer, CI C, 132 inch, Tr Det E |
| 4020445 | Ft | Sewer, CI C, 138 inch, Tr Det E |
| 4020446 | Ft | Sewer, CI C, 144 inch, Tr Det E |
| 4020450 | Ft | Sewer, CI D, 12 inch, Tr Det A  |
| 4020451 | Ft | Sewer, CI D, 15 inch, Tr Det A  |
| 4020452 | Ft | Sewer, CI D, 18 inch, Tr Det A  |
| 4020453 | Ft | Sewer, CI D, 24 inch, Tr Det A  |
| 4020454 | Ft | Sewer, CI D, 30 inch, Tr Det A  |
| 4020455 | Ft | Sewer, CI D, 36 inch, Tr Det A  |
| 4020456 | Ft | Sewer, CI D, 42 inch, Tr Det A  |
| 4020457 | Ft | Sewer, CI D, 48 inch, Tr Det A  |
| 4020458 | Ft | Sewer, CI D, 54 inch, Tr Det A  |
| 4020459 | Ft | Sewer, CI D, 60 inch, Tr Det A  |
| 4020460 | Ft | Sewer, CI D, 66 inch, Tr Det A  |
| 4020461 | Ft | Sewer, CI D, 72 inch, Tr Det A  |
| 4020462 | Ft | Sewer, CI D, 78 inch, Tr Det A  |
| 4020463 | Ft | Sewer, CI D, 84 inch, Tr Det A  |
| 4020464 | Ft | Sewer, CI D, 90 inch, Tr Det A  |
| 4020465 | Ft | Sewer, CI D, 96 inch, Tr Det A  |
| 4020466 | Ft | Sewer, CI D, 102 inch, Tr Det A |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                 |
|---------|----|---------------------------------|
| 4020467 | Ft | Sewer, CI D, 108 inch, Tr Det A |
| 4020468 | Ft | Sewer, CI D, 114 inch, Tr Det A |
| 4020469 | Ft | Sewer, CI D, 120 inch, Tr Det A |
| 4020470 | Ft | Sewer, CI D, 126 inch, Tr Det A |
| 4020471 | Ft | Sewer, CI D, 132 inch, Tr Det A |
| 4020472 | Ft | Sewer, CI D, 138 inch, Tr Det A |
| 4020473 | Ft | Sewer, CI D, 144 inch, Tr Det A |
| 4020480 | Ft | Sewer, CI D, 12 inch, Tr Det B  |
| 4020481 | Ft | Sewer, CI D, 15 inch, Tr Det B  |
| 4020482 | Ft | Sewer, CI D, 18 inch, Tr Det B  |
| 4020483 | Ft | Sewer, CI D, 24 inch, Tr Det B  |
| 4020484 | Ft | Sewer, CI D, 30 inch, Tr Det B  |
| 4020485 | Ft | Sewer, CI D, 36 inch, Tr Det B  |
| 4020486 | Ft | Sewer, CI D, 42 inch, Tr Det B  |
| 4020487 | Ft | Sewer, CI D, 48 inch, Tr Det B  |
| 4020488 | Ft | Sewer, CI D, 54 inch, Tr Det B  |
| 4020489 | Ft | Sewer, CI D, 60 inch, Tr Det B  |
| 4020490 | Ft | Sewer, CI D, 66 inch, Tr Det B  |
| 4020491 | Ft | Sewer, CI D, 72 inch, Tr Det B  |
| 4020492 | Ft | Sewer, CI D, 78 inch, Tr Det B  |
| 4020493 | Ft | Sewer, CI D, 84 inch, Tr Det B  |
| 4020494 | Ft | Sewer, CI D, 90 inch, Tr Det B  |
| 4020495 | Ft | Sewer, CI D, 96 inch, Tr Det B  |
| 4020496 | Ft | Sewer, CI D, 102 inch, Tr Det B |
| 4020497 | Ft | Sewer, CI D, 108 inch, Tr Det B |
| 4020498 | Ft | Sewer, CI D, 114 inch, Tr Det B |
| 4020499 | Ft | Sewer, CI D, 120 inch, Tr Det B |
| 4020500 | Ft | Sewer, CI D, 126 inch, Tr Det B |
| 4020501 | Ft | Sewer, CI D, 132 inch, Tr Det B |
| 4020502 | Ft | Sewer, CI D, 138 inch, Tr Det B |
| 4020503 | Ft | Sewer, CI D, 144 inch, Tr Det B |
| 4020510 | Ft | Sewer, CI D, 12 inch, Tr Det C  |
| 4020511 | Ft | Sewer, CI D, 15 inch, Tr Det C  |
| 4020512 | Ft | Sewer, CI D, 18 inch, Tr Det C  |
| 4020513 | Ft | Sewer, CI D, 24 inch, Tr Det C  |
| 4020514 | Ft | Sewer, CI D, 30 inch, Tr Det C  |
| 4020515 | Ft | Sewer, CI D, 36 inch, Tr Det C  |
| 4020516 | Ft | Sewer, CI D, 42 inch, Tr Det C  |
| 4020517 | Ft | Sewer, CI D, 48 inch, Tr Det C  |
| 4020518 | Ft | Sewer, CI D, 54 inch, Tr Det C  |
| 4020519 | Ft | Sewer, CI D, 60 inch, Tr Det C  |
| 4020520 | Ft | Sewer, CI D, 66 inch, Tr Det C  |
| 4020521 | Ft | Sewer, CI D, 72 inch, Tr Det C  |
| 4020522 | Ft | Sewer, CI D, 78 inch, Tr Det C  |
| 4020523 | Ft | Sewer, CI D, 84 inch, Tr Det C  |
| 4020524 | Ft | Sewer, CI D, 90 inch, Tr Det C  |
| 4020525 | Ft | Sewer, CI D, 96 inch, Tr Det C  |
| 4020526 | Ft | Sewer, CI D, 102 inch, Tr Det C |
| 4020527 | Ft | Sewer, CI D, 108 inch, Tr Det C |
| 4020528 | Ft | Sewer, CI D, 114 inch, Tr Det C |
| 4020529 | Ft | Sewer, CI D, 120 inch, Tr Det C |
| 4020530 | Ft | Sewer, CI D, 126 inch, Tr Det C |
| 4020531 | Ft | Sewer, CI D, 132 inch, Tr Det C |
| 4020532 | Ft | Sewer, CI D, 138 inch, Tr Det C |
| 4020533 | Ft | Sewer, CI D, 144 inch, Tr Det C |
| 4020540 | Ft | Sewer, CI D, 12 inch, Tr Det D  |
| 4020541 | Ft | Sewer, CI D, 15 inch, Tr Det D  |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                 |
|---------|----|---------------------------------|
| 4020542 | Ft | Sewer, CI D, 18 inch, Tr Det D  |
| 4020543 | Ft | Sewer, CI D, 24 inch, Tr Det D  |
| 4020544 | Ft | Sewer, CI D, 30 inch, Tr Det D  |
| 4020545 | Ft | Sewer, CI D, 36 inch, Tr Det D  |
| 4020546 | Ft | Sewer, CI D, 42 inch, Tr Det D  |
| 4020547 | Ft | Sewer, CI D, 48 inch, Tr Det D  |
| 4020548 | Ft | Sewer, CI D, 54 inch, Tr Det D  |
| 4020549 | Ft | Sewer, CI D, 60 inch, Tr Det D  |
| 4020550 | Ft | Sewer, CI D, 66 inch, Tr Det D  |
| 4020551 | Ft | Sewer, CI D, 72 inch, Tr Det D  |
| 4020552 | Ft | Sewer, CI D, 78 inch, Tr Det D  |
| 4020553 | Ft | Sewer, CI D, 84 inch, Tr Det D  |
| 4020554 | Ft | Sewer, CI D, 90 inch, Tr Det D  |
| 4020555 | Ft | Sewer, CI D, 96 inch, Tr Det D  |
| 4020556 | Ft | Sewer, CI D, 102 inch, Tr Det D |
| 4020557 | Ft | Sewer, CI D, 108 inch, Tr Det D |
| 4020558 | Ft | Sewer, CI D, 114 inch, Tr Det D |
| 4020559 | Ft | Sewer, CI D, 120 inch, Tr Det D |
| 4020560 | Ft | Sewer, CI D, 126 inch, Tr Det D |
| 4020561 | Ft | Sewer, CI D, 132 inch, Tr Det D |
| 4020562 | Ft | Sewer, CI D, 138 inch, Tr Det D |
| 4020563 | Ft | Sewer, CI D, 144 inch, Tr Det D |
| 4020570 | Ft | Sewer, CI D, 12 inch, Tr Det E  |
| 4020571 | Ft | Sewer, CI D, 15 inch, Tr Det E  |
| 4020572 | Ft | Sewer, CI D, 18 inch, Tr Det E  |
| 4020573 | Ft | Sewer, CI D, 24 inch, Tr Det E  |
| 4020574 | Ft | Sewer, CI D, 30 inch, Tr Det E  |
| 4020575 | Ft | Sewer, CI D, 36 inch, Tr Det E  |
| 4020576 | Ft | Sewer, CI D, 42 inch, Tr Det E  |
| 4020577 | Ft | Sewer, CI D, 48 inch, Tr Det E  |
| 4020578 | Ft | Sewer, CI D, 54 inch, Tr Det E  |
| 4020579 | Ft | Sewer, CI D, 60 inch, Tr Det E  |
| 4020580 | Ft | Sewer, CI D, 66 inch, Tr Det E  |
| 4020581 | Ft | Sewer, CI D, 72 inch, Tr Det E  |
| 4020582 | Ft | Sewer, CI D, 78 inch, Tr Det E  |
| 4020583 | Ft | Sewer, CI D, 84 inch, Tr Det E  |
| 4020584 | Ft | Sewer, CI D, 90 inch, Tr Det E  |
| 4020585 | Ft | Sewer, CI D, 96 inch, Tr Det E  |
| 4020586 | Ft | Sewer, CI D, 102 inch, Tr Det E |
| 4020587 | Ft | Sewer, CI D, 108 inch, Tr Det E |
| 4020588 | Ft | Sewer, CI D, 114 inch, Tr Det E |
| 4020589 | Ft | Sewer, CI D, 120 inch, Tr Det E |
| 4020590 | Ft | Sewer, CI D, 126 inch, Tr Det E |
| 4020591 | Ft | Sewer, CI D, 132 inch, Tr Det E |
| 4020592 | Ft | Sewer, CI D, 138 inch, Tr Det E |
| 4020593 | Ft | Sewer, CI D, 144 inch, Tr Det E |
| 4020600 | Ft | Sewer, CI E, 12 inch, Tr Det B  |
| 4020601 | Ft | Sewer, CI E, 15 inch, Tr Det B  |
| 4020602 | Ft | Sewer, CI E, 18 inch, Tr Det B  |
| 4020603 | Ft | Sewer, CI E, 24 inch, Tr Det B  |
| 4020604 | Ft | Sewer, CI E, 30 inch, Tr Det B  |
| 4020605 | Ft | Sewer, CI E, 36 inch, Tr Det B  |
| 4020606 | Ft | Sewer, CI E, 42 inch, Tr Det B  |
| 4020607 | Ft | Sewer, CI E, 48 inch, Tr Det B  |
| 4020608 | Ft | Sewer, CI E, 54 inch, Tr Det B  |
| 4020609 | Ft | Sewer, CI E, 60 inch, Tr Det B  |
| 4020610 | Ft | Sewer, CI E, 66 inch, Tr Det B  |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                 |
|---------|----|---------------------------------|
| 4020611 | Ft | Sewer, CI E, 72 inch, Tr Det B  |
| 4020612 | Ft | Sewer, CI E, 78 inch, Tr Det B  |
| 4020613 | Ft | Sewer, CI E, 84 inch, Tr Det B  |
| 4020614 | Ft | Sewer, CI E, 90 inch, Tr Det B  |
| 4020615 | Ft | Sewer, CI E, 96 inch, Tr Det B  |
| 4020616 | Ft | Sewer, CI E, 102 inch, Tr Det B |
| 4020617 | Ft | Sewer, CI E, 108 inch, Tr Det B |
| 4020618 | Ft | Sewer, CI E, 114 inch, Tr Det B |
| 4020619 | Ft | Sewer, CI E, 120 inch, Tr Det B |
| 4020620 | Ft | Sewer, CI E, 126 inch, Tr Det B |
| 4020621 | Ft | Sewer, CI E, 132 inch, Tr Det B |
| 4020622 | Ft | Sewer, CI E, 138 inch, Tr Det B |
| 4020623 | Ft | Sewer, CI E, 144 inch, Tr Det B |
| 4020630 | Ft | Sewer, CI E, 12 inch, Tr Det C  |
| 4020631 | Ft | Sewer, CI E, 15 inch, Tr Det C  |
| 4020632 | Ft | Sewer, CI E, 18 inch, Tr Det C  |
| 4020633 | Ft | Sewer, CI E, 24 inch, Tr Det C  |
| 4020634 | Ft | Sewer, CI E, 30 inch, Tr Det C  |
| 4020635 | Ft | Sewer, CI E, 36 inch, Tr Det C  |
| 4020636 | Ft | Sewer, CI E, 42 inch, Tr Det C  |
| 4020637 | Ft | Sewer, CI E, 48 inch, Tr Det C  |
| 4020638 | Ft | Sewer, CI E, 54 inch, Tr Det C  |
| 4020639 | Ft | Sewer, CI E, 60 inch, Tr Det C  |
| 4020640 | Ft | Sewer, CI E, 66 inch, Tr Det C  |
| 4020641 | Ft | Sewer, CI E, 72 inch, Tr Det C  |
| 4020642 | Ft | Sewer, CI E, 78 inch, Tr Det C  |
| 4020643 | Ft | Sewer, CI E, 84 inch, Tr Det C  |
| 4020644 | Ft | Sewer, CI E, 90 inch, Tr Det C  |
| 4020645 | Ft | Sewer, CI E, 96 inch, Tr Det C  |
| 4020646 | Ft | Sewer, CI E, 102 inch, Tr Det C |
| 4020647 | Ft | Sewer, CI E, 108 inch, Tr Det C |
| 4020648 | Ft | Sewer, CI E, 114 inch, Tr Det C |
| 4020649 | Ft | Sewer, CI E, 120 inch, Tr Det C |
| 4020650 | Ft | Sewer, CI E, 126 inch, Tr Det C |
| 4020651 | Ft | Sewer, CI E, 132 inch, Tr Det C |
| 4020652 | Ft | Sewer, CI E, 138 inch, Tr Det C |
| 4020653 | Ft | Sewer, CI E, 144 inch, Tr Det C |
| 4020660 | Ft | Sewer, CI E, 12 inch, Tr Det D  |
| 4020661 | Ft | Sewer, CI E, 15 inch, Tr Det D  |
| 4020662 | Ft | Sewer, CI E, 18 inch, Tr Det D  |
| 4020663 | Ft | Sewer, CI E, 24 inch, Tr Det D  |
| 4020664 | Ft | Sewer, CI E, 30 inch, Tr Det D  |
| 4020665 | Ft | Sewer, CI E, 36 inch, Tr Det D  |
| 4020666 | Ft | Sewer, CI E, 42 inch, Tr Det D  |
| 4020667 | Ft | Sewer, CI E, 48 inch, Tr Det D  |
| 4020668 | Ft | Sewer, CI E, 54 inch, Tr Det D  |
| 4020669 | Ft | Sewer, CI E, 60 inch, Tr Det D  |
| 4020670 | Ft | Sewer, CI E, 66 inch, Tr Det D  |
| 4020671 | Ft | Sewer, CI E, 72 inch, Tr Det D  |
| 4020672 | Ft | Sewer, CI E, 78 inch, Tr Det D  |
| 4020673 | Ft | Sewer, CI E, 84 inch, Tr Det D  |
| 4020674 | Ft | Sewer, CI E, 90 inch, Tr Det D  |
| 4020675 | Ft | Sewer, CI E, 96 inch, Tr Det D  |
| 4020676 | Ft | Sewer, CI E, 102 inch, Tr Det D |
| 4020677 | Ft | Sewer, CI E, 108 inch, Tr Det D |
| 4020678 | Ft | Sewer, CI E, 114 inch, Tr Det D |
| 4020679 | Ft | Sewer, CI E, 120 inch, Tr Det D |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                  |
|---------|----|----------------------------------|
| 4020680 | Ft | Sewer, CI E, 126 inch, Tr Det D  |
| 4020681 | Ft | Sewer, CI E, 132 inch, Tr Det D  |
| 4020682 | Ft | Sewer, CI E, 138 inch, Tr Det D  |
| 4020683 | Ft | Sewer, CI E, 144 inch, Tr Det D  |
| 4020690 | Ft | Sewer, CI E, 12 inch, Tr Det E   |
| 4020691 | Ft | Sewer, CI E, 15 inch, Tr Det E   |
| 4020692 | Ft | Sewer, CI E, 18 inch, Tr Det E   |
| 4020693 | Ft | Sewer, CI E, 24 inch, Tr Det E   |
| 4020694 | Ft | Sewer, CI E, 30 inch, Tr Det E   |
| 4020695 | Ft | Sewer, CI E, 36 inch, Tr Det E   |
| 4020696 | Ft | Sewer, CI E, 42 inch, Tr Det E   |
| 4020697 | Ft | Sewer, CI E, 48 inch, Tr Det E   |
| 4020698 | Ft | Sewer, CI E, 54 inch, Tr Det E   |
| 4020699 | Ft | Sewer, CI E, 60 inch, Tr Det E   |
| 4020700 | Ft | Sewer, CI E, 66 inch, Tr Det E   |
| 4020701 | Ft | Sewer, CI E, 72 inch, Tr Det E   |
| 4020702 | Ft | Sewer, CI E, 78 inch, Tr Det E   |
| 4020703 | Ft | Sewer, CI E, 84 inch, Tr Det E   |
| 4020704 | Ft | Sewer, CI E, 90 inch, Tr Det E   |
| 4020705 | Ft | Sewer, CI E, 96 inch, Tr Det E   |
| 4020706 | Ft | Sewer, CI E, 102 inch, Tr Det E  |
| 4020707 | Ft | Sewer, CI E, 108 inch, Tr Det E  |
| 4020708 | Ft | Sewer, CI E, 114 inch, Tr Det E  |
| 4020709 | Ft | Sewer, CI E, 120 inch, Tr Det E  |
| 4020710 | Ft | Sewer, CI E, 126 inch, Tr Det E  |
| 4020711 | Ft | Sewer, CI E, 132 inch, Tr Det E  |
| 4020712 | Ft | Sewer, CI E, 138 inch, Tr Det E  |
| 4020713 | Ft | Sewer, CI E, 144 inch, Tr Det E  |
| 4020720 | Ft | Sewer, CI II, 12 inch, Tr Det A  |
| 4020721 | Ft | Sewer, CI II, 15 inch, Tr Det A  |
| 4020722 | Ft | Sewer, CI II, 18 inch, Tr Det A  |
| 4020723 | Ft | Sewer, CI II, 24 inch, Tr Det A  |
| 4020724 | Ft | Sewer, CI II, 30 inch, Tr Det A  |
| 4020725 | Ft | Sewer, CI II, 36 inch, Tr Det A  |
| 4020726 | Ft | Sewer, CI II, 42 inch, Tr Det A  |
| 4020727 | Ft | Sewer, CI II, 48 inch, Tr Det A  |
| 4020728 | Ft | Sewer, CI II, 54 inch, Tr Det A  |
| 4020729 | Ft | Sewer, CI II, 60 inch, Tr Det A  |
| 4020730 | Ft | Sewer, CI II, 66 inch, Tr Det A  |
| 4020731 | Ft | Sewer, CI II, 72 inch, Tr Det A  |
| 4020732 | Ft | Sewer, CI II, 78 inch, Tr Det A  |
| 4020733 | Ft | Sewer, CI II, 84 inch, Tr Det A  |
| 4020734 | Ft | Sewer, CI II, 90 inch, Tr Det A  |
| 4020735 | Ft | Sewer, CI II, 96 inch, Tr Det A  |
| 4020736 | Ft | Sewer, CI II, 102 inch, Tr Det A |
| 4020737 | Ft | Sewer, CI II, 108 inch, Tr Det A |
| 4020738 | Ft | Sewer, CI II, 114 inch, Tr Det A |
| 4020739 | Ft | Sewer, CI II, 120 inch, Tr Det A |
| 4020740 | Ft | Sewer, CI II, 126 inch, Tr Det A |
| 4020741 | Ft | Sewer, CI II, 132 inch, Tr Det A |
| 4020742 | Ft | Sewer, CI II, 138 inch, Tr Det A |
| 4020743 | Ft | Sewer, CI II, 144 inch, Tr Det A |
| 4020748 | Ft | Sewer, CI II, 12 inch, Tr Det B  |
| 4020749 | Ft | Sewer, CI II, 15 inch, Tr Det B  |
| 4020751 | Ft | Sewer, CI II, 18 inch, Tr Det B  |
| 4020752 | Ft | Sewer, CI II, 24 inch, Tr Det B  |
| 4020754 | Ft | Sewer, CI II, 30 inch, Tr Det B  |



**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                  |
|---------|----|----------------------------------|
| 4020755 | Ft | Sewer, CI II, 36 inch, Tr Det B  |
| 4020756 | Ft | Sewer, CI II, 42 inch, Tr Det B  |
| 4020757 | Ft | Sewer, CI II, 48 inch, Tr Det B  |
| 4020758 | Ft | Sewer, CI II, 54 inch, Tr Det B  |
| 4020759 | Ft | Sewer, CI II, 60 inch, Tr Det B  |
| 4020760 | Ft | Sewer, CI II, 66 inch, Tr Det B  |
| 4020761 | Ft | Sewer, CI II, 72 inch, Tr Det B  |
| 4020762 | Ft | Sewer, CI II, 78 inch, Tr Det B  |
| 4020763 | Ft | Sewer, CI II, 84 inch, Tr Det B  |
| 4020764 | Ft | Sewer, CI II, 90 inch, Tr Det B  |
| 4020765 | Ft | Sewer, CI II, 96 inch, Tr Det B  |
| 4020766 | Ft | Sewer, CI II, 102 inch, Tr Det B |
| 4020767 | Ft | Sewer, CI II, 108 inch, Tr Det B |
| 4020768 | Ft | Sewer, CI II, 114 inch, Tr Det B |
| 4020769 | Ft | Sewer, CI II, 120 inch, Tr Det B |
| 4020770 | Ft | Sewer, CI II, 126 inch, Tr Det B |
| 4020771 | Ft | Sewer, CI II, 132 inch, Tr Det B |
| 4020772 | Ft | Sewer, CI II, 138 inch, Tr Det B |
| 4020773 | Ft | Sewer, CI II, 144 inch, Tr Det B |
| 4020780 | Ft | Sewer, CI II, 12 inch, Tr Det C  |
| 4020781 | Ft | Sewer, CI II, 15 inch, Tr Det C  |
| 4020782 | Ft | Sewer, CI II, 18 inch, Tr Det C  |
| 4020783 | Ft | Sewer, CI II, 24 inch, Tr Det C  |
| 4020784 | Ft | Sewer, CI II, 30 inch, Tr Det C  |
| 4020785 | Ft | Sewer, CI II, 36 inch, Tr Det C  |
| 4020786 | Ft | Sewer, CI II, 42 inch, Tr Det C  |
| 4020787 | Ft | Sewer, CI II, 48 inch, Tr Det C  |
| 4020788 | Ft | Sewer, CI II, 54 inch, Tr Det C  |
| 4020789 | Ft | Sewer, CI II, 60 inch, Tr Det C  |
| 4020790 | Ft | Sewer, CI II, 66 inch, Tr Det C  |
| 4020791 | Ft | Sewer, CI II, 72 inch, Tr Det C  |
| 4020792 | Ft | Sewer, CI II, 78 inch, Tr Det C  |
| 4020793 | Ft | Sewer, CI II, 84 inch, Tr Det C  |
| 4020794 | Ft | Sewer, CI II, 90 inch, Tr Det C  |
| 4020795 | Ft | Sewer, CI II, 96 inch, Tr Det C  |
| 4020796 | Ft | Sewer, CI II, 102 inch, Tr Det C |
| 4020797 | Ft | Sewer, CI II, 108 inch, Tr Det C |
| 4020798 | Ft | Sewer, CI II, 114 inch, Tr Det C |
| 4020799 | Ft | Sewer, CI II, 120 inch, Tr Det C |
| 4020800 | Ft | Sewer, CI II, 126 inch, Tr Det C |
| 4020801 | Ft | Sewer, CI II, 132 inch, Tr Det C |
| 4020802 | Ft | Sewer, CI II, 138 inch, Tr Det C |
| 4020803 | Ft | Sewer, CI II, 144 inch, Tr Det C |
| 4020810 | Ft | Sewer, CI II, 12 inch, Tr Det D  |
| 4020811 | Ft | Sewer, CI II, 15 inch, Tr Det D  |
| 4020812 | Ft | Sewer, CI II, 18 inch, Tr Det D  |
| 4020813 | Ft | Sewer, CI II, 24 inch, Tr Det D  |
| 4020814 | Ft | Sewer, CI II, 30 inch, Tr Det D  |
| 4020815 | Ft | Sewer, CI II, 36 inch, Tr Det D  |
| 4020816 | Ft | Sewer, CI II, 42 inch, Tr Det D  |
| 4020817 | Ft | Sewer, CI II, 48 inch, Tr Det D  |
| 4020818 | Ft | Sewer, CI II, 54 inch, Tr Det D  |
| 4020819 | Ft | Sewer, CI II, 60 inch, Tr Det D  |
| 4020820 | Ft | Sewer, CI II, 66 inch, Tr Det D  |
| 4020821 | Ft | Sewer, CI II, 72 inch, Tr Det D  |
| 4020822 | Ft | Sewer, CI II, 78 inch, Tr Det D  |
| 4020823 | Ft | Sewer, CI II, 84 inch, Tr Det D  |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                   |
|---------|----|-----------------------------------|
| 4020824 | Ft | Sewer, CI II, 90 inch, Tr Det D   |
| 4020825 | Ft | Sewer, CI II, 96 inch, Tr Det D   |
| 4020826 | Ft | Sewer, CI II, 102 inch, Tr Det D  |
| 4020827 | Ft | Sewer, CI II, 108 inch, Tr Det D  |
| 4020828 | Ft | Sewer, CI II, 114 inch, Tr Det D  |
| 4020829 | Ft | Sewer, CI II, 120 inch, Tr Det D  |
| 4020830 | Ft | Sewer, CI II, 126 inch, Tr Det D  |
| 4020831 | Ft | Sewer, CI II, 132 inch, Tr Det D  |
| 4020832 | Ft | Sewer, CI II, 138 inch, Tr Det D  |
| 4020833 | Ft | Sewer, CI II, 144 inch, Tr Det D  |
| 4020840 | Ft | Sewer, CI III, 12 inch, Tr Det A  |
| 4020841 | Ft | Sewer, CI III, 15 inch, Tr Det A  |
| 4020842 | Ft | Sewer, CI III, 18 inch, Tr Det A  |
| 4020843 | Ft | Sewer, CI III, 24 inch, Tr Det A  |
| 4020844 | Ft | Sewer, CI III, 30 inch, Tr Det A  |
| 4020845 | Ft | Sewer, CI III, 36 inch, Tr Det A  |
| 4020846 | Ft | Sewer, CI III, 42 inch, Tr Det A  |
| 4020847 | Ft | Sewer, CI III, 48 inch, Tr Det A  |
| 4020848 | Ft | Sewer, CI III, 54 inch, Tr Det A  |
| 4020849 | Ft | Sewer, CI III, 60 inch, Tr Det A  |
| 4020850 | Ft | Sewer, CI III, 66 inch, Tr Det A  |
| 4020851 | Ft | Sewer, CI III, 72 inch, Tr Det A  |
| 4020852 | Ft | Sewer, CI III, 78 inch, Tr Det A  |
| 4020853 | Ft | Sewer, CI III, 84 inch, Tr Det A  |
| 4020854 | Ft | Sewer, CI III, 90 inch, Tr Det A  |
| 4020855 | Ft | Sewer, CI III, 96 inch, Tr Det A  |
| 4020856 | Ft | Sewer, CI III, 102 inch, Tr Det A |
| 4020857 | Ft | Sewer, CI III, 108 inch, Tr Det A |
| 4020858 | Ft | Sewer, CI III, 114 inch, Tr Det A |
| 4020859 | Ft | Sewer, CI III, 120 inch, Tr Det A |
| 4020860 | Ft | Sewer, CI III, 126 inch, Tr Det A |
| 4020861 | Ft | Sewer, CI III, 132 inch, Tr Det A |
| 4020862 | Ft | Sewer, CI III, 138 inch, Tr Det A |
| 4020863 | Ft | Sewer, CI III, 144 inch, Tr Det A |
| 4020866 | Ft | Sewer, CI III, 12 inch, Tr Det B  |
| 4020867 | Ft | Sewer, CI III, 15 inch, Tr Det B  |
| 4020868 | Ft | Sewer, CI III, 18 inch, Tr Det B  |
| 4020869 | Ft | Sewer, CI III, 24 inch, Tr Det B  |
| 4020874 | Ft | Sewer, CI III, 30 inch, Tr Det B  |
| 4020875 | Ft | Sewer, CI III, 36 inch, Tr Det B  |
| 4020876 | Ft | Sewer, CI III, 42 inch, Tr Det B  |
| 4020877 | Ft | Sewer, CI III, 48 inch, Tr Det B  |
| 4020878 | Ft | Sewer, CI III, 54 inch, Tr Det B  |
| 4020879 | Ft | Sewer, CI III, 60 inch, Tr Det B  |
| 4020880 | Ft | Sewer, CI III, 66 inch, Tr Det B  |
| 4020881 | Ft | Sewer, CI III, 72 inch, Tr Det B  |
| 4020882 | Ft | Sewer, CI III, 78 inch, Tr Det B  |
| 4020883 | Ft | Sewer, CI III, 84 inch, Tr Det B  |
| 4020884 | Ft | Sewer, CI III, 90 inch, Tr Det B  |
| 4020885 | Ft | Sewer, CI III, 96 inch, Tr Det B  |
| 4020886 | Ft | Sewer, CI III, 102 inch, Tr Det B |
| 4020887 | Ft | Sewer, CI III, 108 inch, Tr Det B |
| 4020888 | Ft | Sewer, CI III, 114 inch, Tr Det B |
| 4020889 | Ft | Sewer, CI III, 120 inch, Tr Det B |
| 4020890 | Ft | Sewer, CI III, 126 inch, Tr Det B |
| 4020891 | Ft | Sewer, CI III, 132 inch, Tr Det B |
| 4020892 | Ft | Sewer, CI III, 138 inch, Tr Det B |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                   |
|---------|----|-----------------------------------|
| 4020893 | Ft | Sewer, CI III, 144 inch, Tr Det B |
| 4020900 | Ft | Sewer, CI III, 12 inch, Tr Det C  |
| 4020901 | Ft | Sewer, CI III, 15 inch, Tr Det C  |
| 4020902 | Ft | Sewer, CI III, 18 inch, Tr Det C  |
| 4020903 | Ft | Sewer, CI III, 24 inch, Tr Det C  |
| 4020904 | Ft | Sewer, CI III, 30 inch, Tr Det C  |
| 4020905 | Ft | Sewer, CI III, 36 inch, Tr Det C  |
| 4020906 | Ft | Sewer, CI III, 42 inch, Tr Det C  |
| 4020907 | Ft | Sewer, CI III, 48 inch, Tr Det C  |
| 4020908 | Ft | Sewer, CI III, 54 inch, Tr Det C  |
| 4020909 | Ft | Sewer, CI III, 60 inch, Tr Det C  |
| 4020910 | Ft | Sewer, CI III, 66 inch, Tr Det C  |
| 4020911 | Ft | Sewer, CI III, 72 inch, Tr Det C  |
| 4020912 | Ft | Sewer, CI III, 78 inch, Tr Det C  |
| 4020913 | Ft | Sewer, CI III, 84 inch, Tr Det C  |
| 4020914 | Ft | Sewer, CI III, 90 inch, Tr Det C  |
| 4020915 | Ft | Sewer, CI III, 96 inch, Tr Det C  |
| 4020916 | Ft | Sewer, CI III, 102 inch, Tr Det C |
| 4020917 | Ft | Sewer, CI III, 108 inch, Tr Det C |
| 4020918 | Ft | Sewer, CI III, 114 inch, Tr Det C |
| 4020919 | Ft | Sewer, CI III, 120 inch, Tr Det C |
| 4020920 | Ft | Sewer, CI III, 126 inch, Tr Det C |
| 4020921 | Ft | Sewer, CI III, 132 inch, Tr Det C |
| 4020922 | Ft | Sewer, CI III, 138 inch, Tr Det C |
| 4020923 | Ft | Sewer, CI III, 144 inch, Tr Det C |
| 4020930 | Ft | Sewer, CI III, 12 inch, Tr Det D  |
| 4020931 | Ft | Sewer, CI III, 15 inch, Tr Det D  |
| 4020932 | Ft | Sewer, CI III, 18 inch, Tr Det D  |
| 4020933 | Ft | Sewer, CI III, 24 inch, Tr Det D  |
| 4020934 | Ft | Sewer, CI III, 30 inch, Tr Det D  |
| 4020935 | Ft | Sewer, CI III, 36 inch, Tr Det D  |
| 4020936 | Ft | Sewer, CI III, 42 inch, Tr Det D  |
| 4020937 | Ft | Sewer, CI III, 48 inch, Tr Det D  |
| 4020938 | Ft | Sewer, CI III, 54 inch, Tr Det D  |
| 4020939 | Ft | Sewer, CI III, 60 inch, Tr Det D  |
| 4020940 | Ft | Sewer, CI III, 66 inch, Tr Det D  |
| 4020941 | Ft | Sewer, CI III, 72 inch, Tr Det D  |
| 4020942 | Ft | Sewer, CI III, 78 inch, Tr Det D  |
| 4020943 | Ft | Sewer, CI III, 84 inch, Tr Det D  |
| 4020944 | Ft | Sewer, CI III, 90 inch, Tr Det D  |
| 4020945 | Ft | Sewer, CI III, 96 inch, Tr Det D  |
| 4020946 | Ft | Sewer, CI III, 102 inch, Tr Det D |
| 4020947 | Ft | Sewer, CI III, 108 inch, Tr Det D |
| 4020948 | Ft | Sewer, CI III, 114 inch, Tr Det D |
| 4020949 | Ft | Sewer, CI III, 120 inch, Tr Det D |
| 4020950 | Ft | Sewer, CI III, 126 inch, Tr Det D |
| 4020951 | Ft | Sewer, CI III, 132 inch, Tr Det D |
| 4020952 | Ft | Sewer, CI III, 138 inch, Tr Det D |
| 4020953 | Ft | Sewer, CI III, 144 inch, Tr Det D |
| 4020960 | Ft | Sewer, CI IV, 12 inch, Tr Det A   |
| 4020961 | Ft | Sewer, CI IV, 15 inch, Tr Det A   |
| 4020962 | Ft | Sewer, CI IV, 18 inch, Tr Det A   |
| 4020963 | Ft | Sewer, CI IV, 24 inch, Tr Det A   |
| 4020964 | Ft | Sewer, CI IV, 30 inch, Tr Det A   |
| 4020965 | Ft | Sewer, CI IV, 36 inch, Tr Det A   |
| 4020966 | Ft | Sewer, CI IV, 42 inch, Tr Det A   |
| 4020967 | Ft | Sewer, CI IV, 48 inch, Tr Det A   |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                  |
|---------|----|----------------------------------|
| 4020968 | Ft | Sewer, CI IV, 54 inch, Tr Det A  |
| 4020969 | Ft | Sewer, CI IV, 60 inch, Tr Det A  |
| 4020970 | Ft | Sewer, CI IV, 66 inch, Tr Det A  |
| 4020971 | Ft | Sewer, CI IV, 72 inch, Tr Det A  |
| 4020972 | Ft | Sewer, CI IV, 78 inch, Tr Det A  |
| 4020973 | Ft | Sewer, CI IV, 84 inch, Tr Det A  |
| 4020974 | Ft | Sewer, CI IV, 90 inch, Tr Det A  |
| 4020975 | Ft | Sewer, CI IV, 96 inch, Tr Det A  |
| 4020976 | Ft | Sewer, CI IV, 102 inch, Tr Det A |
| 4020977 | Ft | Sewer, CI IV, 108 inch, Tr Det A |
| 4020978 | Ft | Sewer, CI IV, 114 inch, Tr Det A |
| 4020979 | Ft | Sewer, CI IV, 120 inch, Tr Det A |
| 4020980 | Ft | Sewer, CI IV, 126 inch, Tr Det A |
| 4020981 | Ft | Sewer, CI IV, 132 inch, Tr Det A |
| 4020982 | Ft | Sewer, CI IV, 138 inch, Tr Det A |
| 4020983 | Ft | Sewer, CI IV, 144 inch, Tr Det A |
| 4020987 | Ft | Sewer, CI IV, 12 inch, Tr Det B  |
| 4020988 | Ft | Sewer, CI IV, 15 inch, Tr Det B  |
| 4020989 | Ft | Sewer, CI IV, 18 inch, Tr Det B  |
| 4020993 | Ft | Sewer, CI IV, 24 inch, Tr Det B  |
| 4020994 | Ft | Sewer, CI IV, 30 inch, Tr Det B  |
| 4020995 | Ft | Sewer, CI IV, 36 inch, Tr Det B  |
| 4020996 | Ft | Sewer, CI IV, 42 inch, Tr Det B  |
| 4020997 | Ft | Sewer, CI IV, 48 inch, Tr Det B  |
| 4020998 | Ft | Sewer, CI IV, 54 inch, Tr Det B  |
| 4020999 | Ft | Sewer, CI IV, 60 inch, Tr Det B  |
| 4021000 | Ft | Sewer, CI IV, 66 inch, Tr Det B  |
| 4021001 | Ft | Sewer, CI IV, 72 inch, Tr Det B  |
| 4021002 | Ft | Sewer, CI IV, 78 inch, Tr Det B  |
| 4021003 | Ft | Sewer, CI IV, 84 inch, Tr Det B  |
| 4021004 | Ft | Sewer, CI IV, 90 inch, Tr Det B  |
| 4021005 | Ft | Sewer, CI IV, 96 inch, Tr Det B  |
| 4021006 | Ft | Sewer, CI IV, 102 inch, Tr Det B |
| 4021007 | Ft | Sewer, CI IV, 108 inch, Tr Det B |
| 4021008 | Ft | Sewer, CI IV, 114 inch, Tr Det B |
| 4021009 | Ft | Sewer, CI IV, 120 inch, Tr Det B |
| 4021010 | Ft | Sewer, CI IV, 126 inch, Tr Det B |
| 4021011 | Ft | Sewer, CI IV, 132 inch, Tr Det B |
| 4021012 | Ft | Sewer, CI IV, 138 inch, Tr Det B |
| 4021013 | Ft | Sewer, CI IV, 144 inch, Tr Det B |
| 4021020 | Ft | Sewer, CI IV, 12 inch, Tr Det C  |
| 4021021 | Ft | Sewer, CI IV, 15 inch, Tr Det C  |
| 4021022 | Ft | Sewer, CI IV, 18 inch, Tr Det C  |
| 4021023 | Ft | Sewer, CI IV, 24 inch, Tr Det C  |
| 4021024 | Ft | Sewer, CI IV, 30 inch, Tr Det C  |
| 4021025 | Ft | Sewer, CI IV, 36 inch, Tr Det C  |
| 4021026 | Ft | Sewer, CI IV, 42 inch, Tr Det C  |
| 4021027 | Ft | Sewer, CI IV, 48 inch, Tr Det C  |
| 4021028 | Ft | Sewer, CI IV, 54 inch, Tr Det C  |
| 4021029 | Ft | Sewer, CI IV, 60 inch, Tr Det C  |
| 4021030 | Ft | Sewer, CI IV, 66 inch, Tr Det C  |
| 4021031 | Ft | Sewer, CI IV, 72 inch, Tr Det C  |
| 4021032 | Ft | Sewer, CI IV, 78 inch, Tr Det C  |
| 4021033 | Ft | Sewer, CI IV, 84 inch, Tr Det C  |
| 4021034 | Ft | Sewer, CI IV, 90 inch, Tr Det C  |
| 4021035 | Ft | Sewer, CI IV, 96 inch, Tr Det C  |
| 4021036 | Ft | Sewer, CI IV, 102 inch, Tr Det C |

**Michigan Department of Transportation - Buy America Requirements  
Pay Items and Materials that Require Step Certification**

|         |    |                                  |
|---------|----|----------------------------------|
| 4021037 | Ft | Sewer, CI IV, 108 inch, Tr Det C |
| 4021038 | Ft | Sewer, CI IV, 114 inch, Tr Det C |
| 4021039 | Ft | Sewer, CI IV, 120 inch, Tr Det C |
| 4021040 | Ft | Sewer, CI IV, 126 inch, Tr Det C |
| 4021041 | Ft | Sewer, CI IV, 132 inch, Tr Det C |
| 4021042 | Ft | Sewer, CI IV, 138 inch, Tr Det C |
| 4021043 | Ft | Sewer, CI IV, 144 inch, Tr Det C |
| 4021050 | Ft | Sewer, CI IV, 12 inch, Tr Det D  |
| 4021051 | Ft | Sewer, CI IV, 15 inch, Tr Det D  |
| 4021052 | Ft | Sewer, CI IV, 18 inch, Tr Det D  |
| 4021053 | Ft | Sewer, CI IV, 24 inch, Tr Det D  |
| 4021054 | Ft | Sewer, CI IV, 30 inch, Tr Det D  |
| 4021055 | Ft | Sewer, CI IV, 36 inch, Tr Det D  |
| 4021056 | Ft | Sewer, CI IV, 42 inch, Tr Det D  |
| 4021057 | Ft | Sewer, CI IV, 48 inch, Tr Det D  |
| 4021058 | Ft | Sewer, CI IV, 54 inch, Tr Det D  |
| 4021059 | Ft | Sewer, CI IV, 60 inch, Tr Det D  |
| 4021060 | Ft | Sewer, CI IV, 66 inch, Tr Det D  |
| 4021061 | Ft | Sewer, CI IV, 72 inch, Tr Det D  |
| 4021062 | Ft | Sewer, CI IV, 78 inch, Tr Det D  |
| 4021063 | Ft | Sewer, CI IV, 84 inch, Tr Det D  |
| 4021064 | Ft | Sewer, CI IV, 90 inch, Tr Det D  |
| 4021065 | Ft | Sewer, CI IV, 96 inch, Tr Det D  |
| 4021066 | Ft | Sewer, CI IV, 102 inch, Tr Det D |
| 4021067 | Ft | Sewer, CI IV, 108 inch, Tr Det D |
| 4021068 | Ft | Sewer, CI IV, 114 inch, Tr Det D |
| 4021069 | Ft | Sewer, CI IV, 120 inch, Tr Det D |
| 4021070 | Ft | Sewer, CI IV, 126 inch, Tr Det D |
| 4021071 | Ft | Sewer, CI IV, 132 inch, Tr Det D |
| 4021072 | Ft | Sewer, CI IV, 138 inch, Tr Det D |
| 4021073 | Ft | Sewer, CI IV, 144 inch, Tr Det D |
| 4021080 | Ft | Sewer, CI V, 12 inch, Tr Det A   |
| 4021081 | Ft | Sewer, CI V, 15 inch, Tr Det A   |
| 4021082 | Ft | Sewer, CI V, 18 inch, Tr Det A   |
| 4021083 | Ft | Sewer, CI V, 24 inch, Tr Det A   |
| 4021084 | Ft | Sewer, CI V, 30 inch, Tr Det A   |
| 4021085 | Ft | Sewer, CI V, 36 inch, Tr Det A   |
| 4021086 | Ft | Sewer, CI V, 42 inch, Tr Det A   |
| 4021087 | Ft | Sewer, CI V, 48 inch, Tr Det A   |
| 4021088 | Ft | Sewer, CI V, 54 inch, Tr Det A   |
| 4021089 | Ft | Sewer, CI V, 60 inch, Tr Det A   |
| 4021090 | Ft | Sewer, CI V, 66 inch, Tr Det A   |
| 4021091 | Ft | Sewer, CI V, 72 inch, Tr Det A   |
| 4021092 | Ft | Sewer, CI V, 78 inch, Tr Det A   |
| 4021093 | Ft | Sewer, CI V, 84 inch, Tr Det A   |
| 4021094 | Ft | Sewer, CI V, 90 inch, Tr Det A   |
| 4021095 | Ft | Sewer, CI V, 96 inch, Tr Det A   |
| 4021096 | Ft | Sewer, CI V, 102 inch, Tr Det A  |
| 4021097 | Ft | Sewer, CI V, 108 inch, Tr Det A  |
| 4021098 | Ft | Sewer, CI V, 114 inch, Tr Det A  |
| 4021099 | Ft | Sewer, CI V, 120 inch, Tr Det A  |
| 4021100 | Ft | Sewer, CI V, 126 inch, Tr Det A  |
| 4021101 | Ft | Sewer, CI V, 132 inch, Tr Det A  |
| 4021102 | Ft | Sewer, CI V, 138 inch, Tr Det A  |
| 4021103 | Ft | Sewer, CI V, 144 inch, Tr Det A  |
| 4021110 | Ft | Sewer, CI V, 12 inch, Tr Det B   |
| 4021111 | Ft | Sewer, CI V, 15 inch, Tr Det B   |

**Michigan Department of Transportation - Buy America Requirements  
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|         |    |   |
|---------|----|---|
| 4021112 | Ft | Sewer, CI V, 18 inch, Tr Det B                                  |
| 4021113 | Ft | Sewer, CI V, 24 inch, Tr Det B                                  |
| 4021114 | Ft | Sewer, CI V, 30 inch, Tr Det B                                  |
| 4021115 | Ft | Sewer, CI V, 36 inch, Tr Det B                                  |
| 4021116 | Ft | Sewer, CI V, 42 inch, Tr Det B                                  |
| 4021117 | Ft | Sewer, CI V, 48 inch, Tr Det B                                  |
| 4021118 | Ft | Sewer, CI V, 54 inch, Tr Det B                                  |
| 4021119 | Ft | Sewer, CI V, 60 inch, Tr Det B                                  |
| 4021120 | Ft | Sewer, CI V, 66 inch, Tr Det B                                  |
| 4021121 | Ft | Sewer, CI V, 72 inch, Tr Det B                                  |
| 4021122 | Ft | Sewer, CI V, 78 inch, Tr Det B                                  |
| 4021123 | Ft | Sewer, CI V, 84 inch, Tr Det B                                  |
| 4021124 | Ft | Sewer, CI V, 90 inch, Tr Det B                                  |
| 4021125 | Ft | Sewer, CI V, 96 inch, Tr Det B                                  |
| 4021126 | Ft | Sewer, CI V, 102 inch, Tr Det B                                 |
| 4021127 | Ft | Sewer, CI V, 108 inch, Tr Det B                                 |
| 4021128 | Ft | Sewer, CI V, 114 inch, Tr Det B                                 |
| 4021129 | Ft | Sewer, CI V, 120 inch, Tr Det B                                 |
| 4021130 | Ft | Sewer, CI V, 126 inch, Tr Det B                                 |
| 4021131 | Ft | Sewer, CI V, 132 inch, Tr Det B                                 |
| 4021132 | Ft | Sewer, CI V, 138 inch, Tr Det B                                 |
| 4021133 | Ft | Sewer, CI V, 144 inch, Tr Det B                                 |
| 4021175 | Ft | Sewer, CI IV, 36 inch, Jacked in Place                          |
| 4021176 | Ft | Sewer, CI IV, 42 inch, Jacked in Place                          |
| 4021177 | Ft | Sewer, CI IV, 48 inch, Jacked in Place                          |
| 4021178 | Ft | Sewer, CI IV, 54 inch, Jacked in Place                          |
| 4021179 | Ft | Sewer, CI IV, 60 inch, Jacked in Place                          |
| 4021180 | Ft | Sewer, CI IV, 66 inch, Jacked in Place                          |
| 4021181 | Ft | Sewer, CI IV, 72 inch, Jacked in Place                          |
| 4021190 | Ft | Sewer, CI V, 36 inch, Jacked in Place                           |
| 4021191 | Ft | Sewer, CI V, 42 inch, Jacked in Place                           |
| 4021192 | Ft | Sewer, CI V, 48 inch, Jacked in Place                           |
| 4021193 | Ft | Sewer, CI V, 54 inch, Jacked in Place                           |
| 4021194 | Ft | Sewer, CI V, 60 inch, Jacked in Place                           |
| 4021195 | Ft | Sewer, CI V, 66 inch, Jacked in Place                           |
| 4021196 | Ft | Sewer, CI V, 72 inch, Jacked in Place                           |
| 4021280 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 14 inch by 23 inch, Tr Det A  |
| 4021281 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 19 inch by 30 inch, Tr Det A  |
| 4021282 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 22 inch by 34 inch, Tr Det A  |
| 4021283 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 24 inch by 38 inch, Tr Det A  |
| 4021284 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 29 inch by 45 inch, Tr Det A  |
| 4021285 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 34 inch by 53 inch, Tr Det A  |
| 4021286 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 38 inch by 60 inch, Tr Det A  |
| 4021287 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 43 inch by 68 inch, Tr Det A  |
| 4021288 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 48 inch by 76 inch, Tr Det A  |
| 4021289 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 53 inch by 83 inch, Tr Det A  |
| 4021290 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 58 inch by 91 inch, Tr Det A  |
| 4021291 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 63 inch by 98 inch, Tr Det A  |
| 4021292 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 68 inch by 106 inch, Tr Det A |
| 4021300 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 14 inch by 23 inch, Tr Det B  |
| 4021301 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 19 inch by 30 inch, Tr Det B  |
| 4021302 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 22 inch by 34 inch, Tr Det B  |
| 4021303 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 24 inch by 38 inch, Tr Det B  |
| 4021304 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 29 inch by 45 inch, Tr Det B  |
| 4021305 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 34 inch by 53 inch, Tr Det B  |
| 4021306 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 38 inch by 60 inch, Tr Det B  |
| 4021307 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 43 inch by 68 inch, Tr Det B  |

**Michigan Department of Transportation - Buy America Requirements  
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|         |    |  |
|---------|----|--|
| 4021308 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 48 inch by 76 inch, Tr Det B   |
| 4021309 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 53 inch by 83 inch, Tr Det B   |
| 4021310 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 58 inch by 91 inch, Tr Det B   |
| 4021311 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 63 inch by 98 inch, Tr Det B   |
| 4021312 | Ft | Sewer, Reinf Conc Ellip, HE CI A, 68 inch by 106 inch, Tr Det B  |
| 4021320 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 14 inch by 23 inch, Tr Det A   |
| 4021321 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 19 inch by 30 inch, Tr Det A   |
| 4021322 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 22 inch by 34 inch, Tr Det A   |
| 4021323 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 24 inch by 38 inch, Tr Det A   |
| 4021324 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 29 inch by 45 inch, Tr Det A   |
| 4021325 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 34 inch by 53 inch, Tr Det A   |
| 4021326 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 38 inch by 60 inch, Tr Det A   |
| 4021327 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 43 inch by 68 inch, Tr Det A   |
| 4021328 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 48 inch by 76 inch, Tr Det A   |
| 4021329 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 53 inch by 83 inch, Tr Det A   |
| 4021330 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 58 inch by 91 inch, Tr Det A   |
| 4021331 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 63 inch by 98 inch, Tr Det A   |
| 4021332 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 68 inch by 106 inch, Tr Det A  |
| 4021340 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 14 inch by 23 inch, Tr Det B   |
| 4021341 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 19 inch by 30 inch, Tr Det B   |
| 4021342 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 22 inch by 34 inch, Tr Det B   |
| 4021343 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 24 inch by 38 inch, Tr Det B   |
| 4021344 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 29 inch by 45 inch, Tr Det B   |
| 4021345 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 34 inch by 53 inch, Tr Det B   |
| 4021346 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 38 inch by 60 inch, Tr Det B   |
| 4021347 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 43 inch by 68 inch, Tr Det B   |
| 4021348 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 48 inch by 76 inch, Tr Det B   |
| 4021349 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 53 inch by 83 inch, Tr Det B   |
| 4021350 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 58 inch by 91 inch, Tr Det B   |
| 4021351 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 63 inch by 98 inch, Tr Det B   |
| 4021352 | Ft | Sewer, Reinf Conc Ellip, HE CI I, 68 inch by 106 inch, Tr Det B  |
| 4021360 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 14 inch by 23 inch, Tr Det A  |
| 4021361 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 19 inch by 30 inch, Tr Det A  |
| 4021362 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 22 inch by 34 inch, Tr Det A  |
| 4021363 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 24 inch by 38 inch, Tr Det A  |
| 4021364 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 29 inch by 45 inch, Tr Det A  |
| 4021365 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 34 inch by 53 inch, Tr Det A  |
| 4021366 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 38 inch by 60 inch, Tr Det A  |
| 4021367 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 43 inch by 68 inch, Tr Det A  |
| 4021368 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 48 inch by 76 inch, Tr Det A  |
| 4021369 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 53 inch by 83 inch, Tr Det A  |
| 4021370 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 58 inch by 91 inch, Tr Det A  |
| 4021371 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 63 inch by 98 inch, Tr Det A  |
| 4021372 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 68 inch by 106 inch, Tr Det A |
| 4021380 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 14 inch by 23 inch, Tr Det B  |
| 4021381 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 19 inch by 30 inch, Tr Det B  |
| 4021382 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 22 inch by 34 inch, Tr Det B  |
| 4021383 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 24 inch by 38 inch, Tr Det B  |
| 4021384 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 29 inch by 45 inch, Tr Det B  |
| 4021385 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 34 inch by 53 inch, Tr Det B  |
| 4021386 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 38 inch by 60 inch, Tr Det B  |
| 4021387 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 43 inch by 68 inch, Tr Det B  |
| 4021388 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 48 inch by 76 inch, Tr Det B  |
| 4021389 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 53 inch by 83 inch, Tr Det B  |
| 4021390 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 58 inch by 91 inch, Tr Det B  |
| 4021391 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 63 inch by 98 inch, Tr Det B  |
| 4021392 | Ft | Sewer, Reinf Conc Ellip, HE CI II, 68 inch by 106 inch, Tr Det B |

**Michigan Department of Transportation - Buy America Requirements  
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|         |    |   |
|---------|----|---|
| 4021400 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 14 inch by 23 inch, Tr Det A  |
| 4021401 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 19 inch by 30 inch, Tr Det A  |
| 4021402 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 22 inch by 34 inch, Tr Det A  |
| 4021403 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 24 inch by 38 inch, Tr Det A  |
| 4021404 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 29 inch by 45 inch, Tr Det A  |
| 4021405 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 34 inch by 53 inch, Tr Det A  |
| 4021406 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 38 inch by 60 inch, Tr Det A  |
| 4021407 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 43 inch by 68 inch, Tr Det A  |
| 4021408 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 48 inch by 76 inch, Tr Det A  |
| 4021409 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 53 inch by 83 inch, Tr Det A  |
| 4021410 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 58 inch by 91 inch, Tr Det A  |
| 4021411 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 63 inch by 98 inch, Tr Det A  |
| 4021412 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 68 inch by 106 inch, Tr Det A |
| 4021420 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 14 inch by 23 inch, Tr Det B  |
| 4021421 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 19 inch by 30 inch, Tr Det B  |
| 4021422 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 22 inch by 34 inch, Tr Det B  |
| 4021423 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 24 inch by 38 inch, Tr Det B  |
| 4021424 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 29 inch by 45 inch, Tr Det B  |
| 4021425 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 34 inch by 53 inch, Tr Det B  |
| 4021426 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 38 inch by 60 inch, Tr Det B  |
| 4021427 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 43 inch by 68 inch, Tr Det B  |
| 4021428 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 48 inch by 76 inch, Tr Det B  |
| 4021429 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 53 inch by 83 inch, Tr Det B  |
| 4021430 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 58 inch by 91 inch, Tr Det B  |
| 4021431 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 63 inch by 98 inch, Tr Det B  |
| 4021432 | Ft | Sewer, Reinf Conc Ellip, HE CI III, 68 inch by 106 inch, Tr Det B |
| 4021440 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch, Tr Det A   |
| 4021441 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch, Tr Det A   |
| 4021442 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 22 inch by 34 inch, Tr Det A   |
| 4021443 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 24 inch by 38 inch, Tr Det A   |
| 4021444 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch, Tr Det A   |
| 4021445 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 34 inch by 53 inch, Tr Det A   |
| 4021450 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch, Tr Det B   |
| 4021451 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch, Tr Det B   |
| 4021452 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 22 inch by 34 inch, Tr Det B   |
| 4021453 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 24 inch by 38 inch, Tr Det B   |
| 4021454 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch, Tr Det B   |
| 4021455 | Ft | Sewer, Reinf Conc Ellip, HE CI IV, 34 inch by 53 inch, Tr Det B   |
| 4030010 | Ea | Dr Structure Cover, Type B  |
| 4030015 | Ea | Dr Structure Cover, Type C  |
| 4030020 | Ea | Dr Structure Cover, Type CX                                       |
| 4030025 | Ea | Dr Structure Cover, Type D  |
| 4030030 | Ea | Dr Structure Cover, Type DX                                       |
| 4030035 | Ea | Dr Structure Cover, Type E  |
| 4030040 | Ea | Dr Structure Cover, Type G  |
| 4030045 | Ea | Dr Structure Cover, Type J  |
| 4030050 | Ea | Dr Structure Cover, Type K  |
| 4030055 | Ea | Dr Structure Cover, Type L  |
| 4030060 | Ea | Dr Structure Cover, Type M  |
| 4030065 | Ea | Dr Structure Cover, Type Q  |
| 4030070 | Ea | Dr Structure Cover, Type R  |
| 4030075 | Ea | Dr Structure Cover, Type RX                                       |
| 4030080 | Ea | Dr Structure Cover, Type W  |
| 4030085 | Ea | Dr Structure Cover, Type V  |
| 4030090 | Ea | Dr Structure Cover, Type VG                                       |
| 4030200 | Ea | Dr Structure, 24 inch dia   |
| 4030210 | Ea | Dr Structure, 48 inch dia   |



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|         |    |   |
|---------|----|---|
| 4030220 | Ea | Dr Structure, 60 inch dia                                 |
| 4030230 | Ea | Dr Structure, 72 inch dia                                 |
| 4030240 | Ft | Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot |
| 4030241 | Ft | Dr Structure, Add Depth of 24 inch dia, more than 15 foot |
| 4030250 | Ft | Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot |
| 4030251 | Ft | Dr Structure, Add Depth of 48 inch dia, more than 15 foot |
| 4030260 | Ft | Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot |
| 4030261 | Ft | Dr Structure, Add Depth of 60 inch dia, more than 15 foot |
| 4030270 | Ft | Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot |
| 4030271 | Ft | Dr Structure, Add Depth of 72 inch dia, more than 15 foot |
| 4030280 | Ft | Dr Structure, Adj, Add Depth                              |
| 4030395 | Ea | Drop Inlet, Type 1  |
| 4030396 | Ea | Drop Inlet, Type 2  |
| 4030401 | Ea | Mh Base, 48 inch, Type 1                                  |
| 4030402 | Ea | Mh Base, 48 inch, Type 2                                  |
| 4030411 | Ea | Mh Base, 54 inch, Type 1                                  |
| 4030412 | Ea | Mh Base, 54 inch, Type 2                                  |
| 4030421 | Ea | Mh Base, 60 inch, Type 1                                  |
| 4030422 | Ea | Mh Base, 60 inch, Type 2                                  |
| 4030431 | Ea | Mh Base, 66 inch, Type 1                                  |
| 4030432 | Ea | Mh Base, 66 inch, Type 2                                  |
| 4030441 | Ea | Mh Base, 72 inch, Type 1                                  |
| 4030442 | Ea | Mh Base, 72 inch, Type 2                                  |
| 4030451 | Ea | Mh Base, 78 inch, Type 1                                  |
| 4030452 | Ea | Mh Base, 78 inch, Type 2                                  |
| 4030461 | Ea | Mh Base, 84 inch, Type 1                                  |
| 4030462 | Ea | Mh Base, 84 inch, Type 2                                  |
| 4030471 | Ea | Mh Base, 90 inch, Type 1                                  |
| 4030472 | Ea | Mh Base, 90 inch, Type 2                                  |
| 4030481 | Ea | Mh Base, 96 inch, Type 1                                  |
| 4030482 | Ea | Mh Base, 96 inch, Type 2                                  |
| 4030491 | Ea | Mh Base, 102 inch, Type 1                                 |
| 4030492 | Ea | Mh Base, 102 inch, Type 2                                 |
| 4030501 | Ea | Mh Base, 108 inch, Type 1                                 |
| 4030502 | Ea | Mh Base, 108 inch, Type 2                                 |
| 4030505 | Ft | Mh Riser  |
| 4030542 | Ea | Mh, Precast Tee, CI II, 42 inch                           |
| 4030548 | Ea | Mh, Precast Tee, CI II, 48 inch                           |
| 4030554 | Ea | Mh, Precast Tee, CI II, 54 inch                           |
| 4030560 | Ea | Mh, Precast Tee, CI II, 60 inch                           |
| 4030566 | Ea | Mh, Precast Tee, CI II, 66 inch                           |
| 4030572 | Ea | Mh, Precast Tee, CI II, 72 inch                           |
| 4030578 | Ea | Mh, Precast Tee, CI II, 78 inch                           |
| 4030584 | Ea | Mh, Precast Tee, CI II, 84 inch                           |
| 4030590 | Ea | Mh, Precast Tee, CI II, 90 inch                           |
| 4030596 | Ea | Mh, Precast Tee, CI II, 96 inch                           |
| 4030602 | Ea | Mh, Precast Tee, CI II, 102 inch                          |
| 4030608 | Ea | Mh, Precast Tee, CI II, 108 inch                          |
| 4030642 | Ea | Mh, Precast Tee, CI III, 42 inch                          |
| 4030648 | Ea | Mh, Precast Tee, CI III, 48 inch                          |
| 4030654 | Ea | Mh, Precast Tee, CI III, 54 inch                          |
| 4030660 | Ea | Mh, Precast Tee, CI III, 60 inch                          |
| 4030666 | Ea | Mh, Precast Tee, CI III, 66 inch                          |
| 4030672 | Ea | Mh, Precast Tee, CI III, 72 inch                          |
| 4030678 | Ea | Mh, Precast Tee, CI III, 78 inch                          |
| 4030684 | Ea | Mh, Precast Tee, CI III, 84 inch                          |
| 4030690 | Ea | Mh, Precast Tee, CI III, 90 inch                          |

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|         |    |   |
|---------|----|---|
| 4030696 | Ea | Mh, Precast Tee, CI III, 96 inch          |
| 4030702 | Ea | Mh, Precast Tee, CI III, 102 inch         |
| 4030708 | Ea | Mh, Precast Tee, CI III, 108 inch         |
| 4030742 | Ea | Mh, Precast Tee, CI IV, 42 inch           |
| 4030748 | Ea | Mh, Precast Tee, CI IV, 48 inch           |
| 4030754 | Ea | Mh, Precast Tee, CI IV, 54 inch           |
| 4030760 | Ea | Mh, Precast Tee, CI IV, 60 inch           |
| 4030766 | Ea | Mh, Precast Tee, CI IV, 66 inch           |
| 4030772 | Ea | Mh, Precast Tee, CI IV, 72 inch           |
| 4030778 | Ea | Mh, Precast Tee, CI IV, 78 inch           |
| 4030784 | Ea | Mh, Precast Tee, CI IV, 84 inch           |
| 4030790 | Ea | Mh, Precast Tee, CI IV, 90 inch           |
| 4030796 | Ea | Mh, Precast Tee, CI IV, 96 inch           |
| 4030802 | Ea | Mh, Precast Tee, CI IV, 102 inch          |
| 4030808 | Ea | Mh, Precast Tee, CI IV, 108 inch          |
| 4030842 | Ea | Mh, Precast Tee, CI V, 42 inch            |
| 4030848 | Ea | Mh, Precast Tee, CI V, 48 inch            |
| 4030854 | Ea | Mh, Precast Tee, CI V, 54 inch            |
| 4030860 | Ea | Mh, Precast Tee, CI V, 60 inch            |
| 4030866 | Ea | Mh, Precast Tee, CI V, 66 inch            |
| 4030872 | Ea | Mh, Precast Tee, CI V, 72 inch            |
| 4030878 | Ea | Mh, Precast Tee, CI V, 78 inch            |
| 4030884 | Ea | Mh, Precast Tee, CI V, 84 inch            |
| 4030890 | Ea | Mh, Precast Tee, CI V, 90 inch            |
| 4030896 | Ea | Mh, Precast Tee, CI V, 96 inch            |
| 4030902 | Ea | Mh, Precast Tee, CI V, 102 inch           |
| 4030908 | Ea | Mh, Precast Tee, CI V, 108 inch           |
| 4060100 | Ft | Culv, Precast Conc Box, 4 foot by 3 foot  |
| 4060101 | Ft | Culv, Precast Conc Box, 4 foot by 4 foot  |
| 4060102 | Ft | Culv, Precast Conc Box, 5 foot by 3 foot  |
| 4060103 | Ft | Culv, Precast Conc Box, 5 foot by 4 foot  |
| 4060104 | Ft | Culv, Precast Conc Box, 5 foot by 5 foot  |
| 4060105 | Ft | Culv, Precast Conc Box, 6 foot by 3 foot  |
| 4060106 | Ft | Culv, Precast Conc Box, 6 foot by 4 foot  |
| 4060107 | Ft | Culv, Precast Conc Box, 6 foot by 5 foot  |
| 4060108 | Ft | Culv, Precast Conc Box, 6 foot by 6 foot  |
| 4060109 | Ft | Culv, Precast Conc Box, 7 foot by 3 foot  |
| 4060110 | Ft | Culv, Precast Conc Box, 7 foot by 4 foot  |
| 4060111 | Ft | Culv, Precast Conc Box, 7 foot by 5 foot  |
| 4060112 | Ft | Culv, Precast Conc Box, 7 foot by 6 foot  |
| 4060113 | Ft | Culv, Precast Conc Box, 7 foot by 7 foot  |
| 4060114 | Ft | Culv, Precast Conc Box, 8 foot by 3 foot  |
| 4060115 | Ft | Culv, Precast Conc Box, 8 foot by 4 foot  |
| 4060116 | Ft | Culv, Precast Conc Box, 8 foot by 5 foot  |
| 4060117 | Ft | Culv, Precast Conc Box, 8 foot by 6 foot  |
| 4060118 | Ft | Culv, Precast Conc Box, 8 foot by 7 foot  |
| 4060119 | Ft | Culv, Precast Conc Box, 8 foot by 8 foot  |
| 4060120 | Ft | Culv, Precast Conc Box, 9 foot by 3 foot  |
| 4060121 | Ft | Culv, Precast Conc Box, 9 foot by 4 foot  |
| 4060122 | Ft | Culv, Precast Conc Box, 9 foot by 5 foot  |
| 4060123 | Ft | Culv, Precast Conc Box, 9 foot by 6 foot  |
| 4060124 | Ft | Culv, Precast Conc Box, 9 foot by 7 foot  |
| 4060125 | Ft | Culv, Precast Conc Box, 9 foot by 8 foot  |
| 4060126 | Ft | Culv, Precast Conc Box, 9 foot by 9 foot  |
| 4060127 | Ft | Culv, Precast Conc Box, 10 foot by 3 foot |
| 4060128 | Ft | Culv, Precast Conc Box, 10 foot by 4 foot |
| 4060129 | Ft | Culv, Precast Conc Box, 10 foot by 5 foot |

**Michigan Department of Transportation - Buy America Requirements  
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|         |    |   |
|---------|----|---|
| 4060130 | Ft | Culv, Precast Conc Box, 10 foot by 6 foot             |
| 4060131 | Ft | Culv, Precast Conc Box, 10 foot by 7 foot             |
| 4060132 | Ft | Culv, Precast Conc Box, 10 foot by 8 foot             |
| 4060133 | Ft | Culv, Precast Conc Box, 10 foot by 9 foot             |
| 4060134 | Ft | Culv, Precast Conc Box, 10 foot by 10 foot            |
| 4060135 | Ft | Culv, Precast Conc Box, 11 foot by 3 foot             |
| 4060136 | Ft | Culv, Precast Conc Box, 11 foot by 4 foot             |
| 4060137 | Ft | Culv, Precast Conc Box, 11 foot by 5 foot             |
| 4060138 | Ft | Culv, Precast Conc Box, 11 foot by 6 foot             |
| 4060139 | Ft | Culv, Precast Conc Box, 11 foot by 7 foot             |
| 4060140 | Ft | Culv, Precast Conc Box, 11 foot by 8 foot             |
| 4060141 | Ft | Culv, Precast Conc Box, 11 foot by 9 foot             |
| 4060142 | Ft | Culv, Precast Conc Box, 11 foot by 10 foot            |
| 4060143 | Ft | Culv, Precast Conc Box, 11 foot by 11 foot            |
| 4060144 | Ft | Culv, Precast Conc Box, 12 foot by 3 foot             |
| 4060145 | Ft | Culv, Precast Conc Box, 12 foot by 4 foot             |
| 4060146 | Ft | Culv, Precast Conc Box, 12 foot by 5 foot             |
| 4060147 | Ft | Culv, Precast Conc Box, 12 foot by 6 foot             |
| 4060148 | Ft | Culv, Precast Conc Box, 12 foot by 7 foot             |
| 4060149 | Ft | Culv, Precast Conc Box, 12 foot by 8 foot             |
| 4060150 | Ft | Culv, Precast Conc Box, 12 foot by 9 foot             |
| 4060151 | Ft | Culv, Precast Conc Box, 12 foot by 10 foot            |
| 4060152 | Ft | Culv, Precast Conc Box, 12 foot by 11 foot            |
| 4060153 | Ft | Culv, Precast Conc Box, 12 foot by 12 foot            |
| 4060200 | Ft | Culv, Precast Three-Sided or Arch, 12 foot by 4 foot  |
| 4060201 | Ft | Culv, Precast Three-Sided or Arch, 12 foot by 5 foot  |
| 4060202 | Ft | Culv, Precast Three-Sided or Arch, 12 foot by 6 foot  |
| 4060203 | Ft | Culv, Precast Three-Sided or Arch, 12 foot by 7 foot  |
| 4060204 | Ft | Culv, Precast Three-Sided or Arch, 12 foot by 8 foot  |
| 4060205 | Ft | Culv, Precast Three-Sided or Arch, 12 foot by 9 foot  |
| 4060206 | Ft | Culv, Precast Three-Sided or Arch, 12 foot by 10 foot |
| 4060207 | Ft | Culv, Precast Three-Sided or Arch, 14 foot by 4 foot  |
| 4060208 | Ft | Culv, Precast Three-Sided or Arch, 14 foot by 5 foot  |
| 4060209 | Ft | Culv, Precast Three-Sided or Arch, 14 foot by 6 foot  |
| 4060210 | Ft | Culv, Precast Three-Sided or Arch, 14 foot by 7 foot  |
| 4060211 | Ft | Culv, Precast Three-Sided or Arch, 14 foot by 8 foot  |
| 4060212 | Ft | Culv, Precast Three-Sided or Arch, 14 foot by 9 foot  |
| 4060213 | Ft | Culv, Precast Three-Sided or Arch, 14 foot by 10 foot |
| 4060214 | Ft | Culv, Precast Three-Sided or Arch, 14 foot by 11 foot |
| 4060215 | Ft | Culv, Precast Three-Sided or Arch, 16 foot by 5 foot  |
| 4060216 | Ft | Culv, Precast Three-Sided or Arch, 16 foot by 6 foot  |
| 4060217 | Ft | Culv, Precast Three-Sided or Arch, 16 foot by 7 foot  |
| 4060218 | Ft | Culv, Precast Three-Sided or Arch, 16 foot by 8 foot  |
| 4060219 | Ft | Culv, Precast Three-Sided or Arch, 16 foot by 9 foot  |
| 4060220 | Ft | Culv, Precast Three-Sided or Arch, 16 foot by 10 foot |
| 4060221 | Ft | Culv, Precast Three-Sided or Arch, 20 foot by 5 foot  |
| 4060222 | Ft | Culv, Precast Three-Sided or Arch, 20 foot by 6 foot  |
| 4060223 | Ft | Culv, Precast Three-Sided or Arch, 20 foot by 7 foot  |
| 4060224 | Ft | Culv, Precast Three-Sided or Arch, 20 foot by 8 foot  |
| 4060225 | Ft | Culv, Precast Three-Sided or Arch, 20 foot by 9 foot  |
| 4060226 | Ft | Culv, Precast Three-Sided or Arch, 20 foot by 10 foot |
| 4060227 | Ft | Culv, Precast Three-Sided or Arch, 24 foot by 6 foot  |
| 4060228 | Ft | Culv, Precast Three-Sided or Arch, 24 foot by 7 foot  |
| 4060229 | Ft | Culv, Precast Three-Sided or Arch, 24 foot by 8 foot  |
| 4060230 | Ft | Culv, Precast Three-Sided or Arch, 24 foot by 9 foot  |
| 4060231 | Ft | Culv, Precast Three-Sided or Arch, 24 foot by 10 foot |
| 4060232 | Ft | Culv, Precast Three-Sided or Arch, 28 foot by 8 foot  |

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|         |     |   |
|---------|-----|---|
| 4060233 | Ft  | Culv, Precast Three-Sided or Arch, 28 foot by 9 foot  |
| 4060234 | Ft  | Culv, Precast Three-Sided or Arch, 28 foot by 10 foot |
| 4060235 | Ft  | Culv, Precast Three-Sided or Arch, 28 foot by 11 foot |
| 4060236 | Ft  | Culv, Precast Three-Sided or Arch, 32 foot by 8 foot  |
| 4060237 | Ft  | Culv, Precast Three-Sided or Arch, 32 foot by 9 foot  |
| 4060238 | Ft  | Culv, Precast Three-Sided or Arch, 32 foot by 10 foot |
| 4060239 | Ft  | Culv, Precast Three-Sided or Arch, 32 foot by 11 foot |
| 4060240 | Ft  | Culv, Precast Three-Sided or Arch, 32 foot by 12 foot |
| 4060241 | Ft  | Culv, Precast Three-Sided or Arch, 36 foot by 9 foot  |
| 4060242 | Ft  | Culv, Precast Three-Sided or Arch, 36 foot by 10 foot |
| 4060243 | Ft  | Culv, Precast Three-Sided or Arch, 36 foot by 11 foot |
| 4060244 | Ft  | Culv, Precast Three-Sided or Arch, 36 foot by 12 foot |
| 4060245 | Ft  | Culv, Precast Three-Sided or Arch, 36 foot by 13 foot |
| 4060246 | Ft  | Culv, Precast Three-Sided or Arch, 42 foot by 10 foot |
| 4060247 | Ft  | Culv, Precast Three-Sided or Arch, 42 foot by 11 foot |
| 4060248 | Ft  | Culv, Precast Three-Sided or Arch, 42 foot by 12 foot |
| 4060249 | Ft  | Culv, Precast Three-Sided or Arch, 42 foot by 13 foot |
| 4060250 | Ft  | Culv, Precast Three-Sided or Arch, 42 foot by 14 foot |
| 4060251 | Ft  | Culv, Precast Three-Sided or Arch, 48 foot by 11 foot |
| 4060252 | Ft  | Culv, Precast Three-Sided or Arch, 48 foot by 12 foot |
| 6020002 | Syd | Conc Base Cse, Reinf, 6 inch                          |
| 6020003 | Syd | Conc Base Cse, Reinf, 6 1/2 inch                      |
| 6020004 | Syd | Conc Base Cse, Reinf, 7 inch                          |
| 6020005 | Syd | Conc Base Cse, Reinf, 7 1/2 inch                      |
| 6020006 | Syd | Conc Base Cse, Reinf, 8 inch                          |
| 6020007 | Syd | Conc Base Cse, Reinf, 8 1/2 inch                      |
| 6020008 | Syd | Conc Base Cse, Reinf, 9 inch                          |
| 6020009 | Syd | Conc Base Cse, Reinf, 9 1/2 inch                      |
| 6020010 | Syd | Conc Base Cse, Reinf, 10 inch                         |
| 6020015 | Syd | Conc Base Cse, Nonreinf, 6 inch                       |
| 6020016 | Syd | Conc Base Cse, Nonreinf, 6 1/2 inch                   |
| 6020017 | Syd | Conc Base Cse, Nonreinf, 7 inch                       |
| 6020018 | Syd | Conc Base Cse, Nonreinf, 7 1/2 inch                   |
| 6020019 | Syd | Conc Base Cse, Nonreinf, 8 inch                       |
| 6020020 | Syd | Conc Base Cse, Nonreinf, 8 1/2 inch                   |
| 6020021 | Syd | Conc Base Cse, Nonreinf, 9 inch                       |
| 6020022 | Syd | Conc Base Cse, Nonreinf, 9 1/2 inch                   |
| 6020023 | Syd | Conc Base Cse, Nonreinf, 10 inch                      |
| 6020050 | Syd | Conc Pavt, Misc, Nonreinf, 6 inch                     |
| 6020051 | Syd | Conc Pavt, Misc, Nonreinf, 6 1/2 inch                 |
| 6020052 | Syd | Conc Pavt, Misc, Nonreinf, 7 inch                     |
| 6020053 | Syd | Conc Pavt, Misc, Nonreinf, 7 1/2 inch                 |
| 6020054 | Syd | Conc Pavt, Misc, Nonreinf, 8 inch                     |
| 6020055 | Syd | Conc Pavt, Misc, Nonreinf, 8 1/2 inch                 |
| 6020056 | Syd | Conc Pavt, Misc, Nonreinf, 9 inch                     |
| 6020057 | Syd | Conc Pavt, Misc, Nonreinf, 9 1/2 inch                 |
| 6020058 | Syd | Conc Pavt, Misc, Nonreinf, 10 inch                    |
| 6020059 | Syd | Conc Pavt, Misc, Nonreinf, 10 1/2 inch                |
| 6020060 | Syd | Conc Pavt, Misc, Nonreinf, 11 inch                    |
| 6020061 | Syd | Conc Pavt, Misc, Nonreinf, 11 1/2 inch                |
| 6020062 | Syd | Conc Pavt, Misc, Nonreinf, 12 inch                    |
| 6020070 | Syd | Conc Pavt, Misc, Reinf, 6 inch                        |
| 6020071 | Syd | Conc Pavt, Misc, Reinf, 6 1/2 inch                    |
| 6020072 | Syd | Conc Pavt, Misc, Reinf, 7 inch                        |
| 6020073 | Syd | Conc Pavt, Misc, Reinf, 7 1/2 inch                    |
| 6020074 | Syd | Conc Pavt, Misc, Reinf, 8 inch                        |
| 6020075 | Syd | Conc Pavt, Misc, Reinf, 8 1/2 inch                    |

**Michigan Department of Transportation - Buy America Requirements  
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|         |     |   |
|---------|-----|---|
| 6020076 | Syd | Conc Pavt, Misc, Reinf, 9 inch                      |
| 6020077 | Syd | Conc Pavt, Misc, Reinf, 9 1/2 inch                  |
| 6020078 | Syd | Conc Pavt, Misc, Reinf, 10 inch                     |
| 6020079 | Syd | Conc Pavt, Misc, Reinf, 10 1/2 inch                 |
| 6020080 | Syd | Conc Pavt, Misc, Reinf, 11 inch                     |
| 6020081 | Syd | Conc Pavt, Misc, Reinf, 11 1/2 inch                 |
| 6020082 | Syd | Conc Pavt, Misc, Reinf, 12 inch                     |
| 6020100 | Syd | Conc Pavt, Nonreinf, 6 inch                         |
| 6020101 | Syd | Conc Pavt, Nonreinf, 6 1/2 inch                     |
| 6020102 | Syd | Conc Pavt, Nonreinf, 7 inch                         |
| 6020103 | Syd | Conc Pavt, Nonreinf, 7 1/2 inch                     |
| 6020104 | Syd | Conc Pavt, Nonreinf, 8 inch                         |
| 6020105 | Syd | Conc Pavt, Nonreinf, 8 1/2 inch                     |
| 6020106 | Syd | Conc Pavt, Nonreinf, 9 inch                         |
| 6020107 | Syd | Conc Pavt, Nonreinf, 9 1/2 inch                     |
| 6020108 | Syd | Conc Pavt, Nonreinf, 10 inch                        |
| 6020109 | Syd | Conc Pavt, Nonreinf, 10 1/2 inch                    |
| 6020110 | Syd | Conc Pavt, Nonreinf, 11 inch                        |
| 6020111 | Syd | Conc Pavt, Nonreinf, 11 1/2 inch                    |
| 6020112 | Syd | Conc Pavt, Nonreinf, 12 inch                        |
| 6020115 | Syd | Conc Pavt, Nonreinf, 8 inch, Temp                   |
| 6020120 | Syd | Conc Pavt, Reinf, 6 inch                            |
| 6020121 | Syd | Conc Pavt, Reinf, 6 1/2 inch                        |
| 6020122 | Syd | Conc Pavt, Reinf, 7 inch                            |
| 6020123 | Syd | Conc Pavt, Reinf, 7 1/2 inch                        |
| 6020124 | Syd | Conc Pavt, Reinf, 8 inch                            |
| 6020125 | Syd | Conc Pavt, Reinf, 8 1/2 inch                        |
| 6020126 | Syd | Conc Pavt, Reinf, 9 inch                            |
| 6020127 | Syd | Conc Pavt, Reinf, 9 1/2 inch                        |
| 6020128 | Syd | Conc Pavt, Reinf, 10 inch                           |
| 6020129 | Syd | Conc Pavt, Reinf, 10 1/2 inch                       |
| 6020130 | Syd | Conc Pavt, Reinf, 11 inch                           |
| 6020131 | Syd | Conc Pavt, Reinf, 11 1/2 inch                       |
| 6020132 | Syd | Conc Pavt, Reinf, 12 inch                           |
| 6020135 | Syd | Conc Pavt, Reinf, 8 inch, Temp                      |
| 6020150 | Syd | Conc Pavt, Ovly, Finishing and Curing               |
| 6020151 | Cyd | Conc Pavt, Ovly, Furnishing and Placing             |
| 6020155 | Syd | Conc Pavt, Ovly, Misc, Finishing and Curing         |
| 6020156 | Cyd | Conc Pavt, Ovly, Misc, Furnishing and Placing       |
| 6020160 | Syd | Conc Pavt with Integral Curb, Nonreinf, 6 inch      |
| 6020161 | Syd | Conc Pavt with Integral Curb, Nonreinf, 6 1/2 inch  |
| 6020162 | Syd | Conc Pavt with Integral Curb, Nonreinf, 7 inch      |
| 6020163 | Syd | Conc Pavt with Integral Curb, Nonreinf, 7 1/2 inch  |
| 6020164 | Syd | Conc Pavt with Integral Curb, Nonreinf, 8 inch      |
| 6020165 | Syd | Conc Pavt with Integral Curb, Nonreinf, 8 1/2 inch  |
| 6020166 | Syd | Conc Pavt with Integral Curb, Nonreinf, 9 inch      |
| 6020167 | Syd | Conc Pavt with Integral Curb, Nonreinf, 9 1/2 inch  |
| 6020168 | Syd | Conc Pavt with Integral Curb, Nonreinf, 10 inch     |
| 6020169 | Syd | Conc Pavt with Integral Curb, Nonreinf, 10 1/2 inch |
| 6020170 | Syd | Conc Pavt with Integral Curb, Nonreinf, 11 inch     |
| 6020171 | Syd | Conc Pavt with Integral Curb, Nonreinf, 11 1/2 inch |
| 6020172 | Syd | Conc Pavt with Integral Curb, Nonreinf, 12 inch     |
| 6020180 | Syd | Conc Pavt with Integral Curb, Reinf, 6 inch         |
| 6020181 | Syd | Conc Pavt with Integral Curb, Reinf, 6 1/2 inch     |
| 6020182 | Syd | Conc Pavt with Integral Curb, Reinf, 7 inch         |
| 6020183 | Syd | Conc Pavt with Integral Curb, Reinf, 7 1/2 inch     |
| 6020184 | Syd | Conc Pavt with Integral Curb, Reinf, 8 inch         |

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|         |     |   |
|---------|-----|---|
| 6020185 | Syd | Conc Pavt with Integral Curb, Reinf, 8 1/2 inch                 |
| 6020186 | Syd | Conc Pavt with Integral Curb, Reinf, 9 inch                     |
| 6020187 | Syd | Conc Pavt with Integral Curb, Reinf, 9 1/2 inch                 |
| 6020188 | Syd | Conc Pavt with Integral Curb, Reinf, 10 inch                    |
| 6020189 | Syd | Conc Pavt with Integral Curb, Reinf, 10 1/2 inch                |
| 6020190 | Syd | Conc Pavt with Integral Curb, Reinf, 11 inch                    |
| 6020191 | Syd | Conc Pavt with Integral Curb, Reinf, 11 1/2 inch                |
| 6020192 | Syd | Conc Pavt with Integral Curb, Reinf, 12 inch                    |
| 6020200 | Ft  | Joint, Contraction, Cp  |
| 6020201 | Ft  | Joint, Contraction, C3p   |
| 6020202 | Ft  | Joint, Contraction, C   |
| 6020203 | Ft  | Joint, Contraction, C2  |
| 6020204 | Ft  | Joint, Contraction, C3  |
| 6020205 | Ft  | Joint, Contraction, C4  |
| 6020207 | Ft  | Joint, Expansion, E2  |
| 6020208 | Ft  | Joint, Expansion, E3  |
| 6020209 | Ft  | Joint, Expansion, E4  |
| 6020211 | Ft  | Joint, Plane-of-Weakness, W                                     |
| 6020221 | Syd | Shoulder, Freeway   |
| 6020222 | Syd | Shoulder, Nonreinf Conc   |
| 6020223 | Syd | Shoulder, Reinf Conc  |
| 6020250 | Ft  | Joint, Contraction Cp, Intersection                             |
| 6020270 | Ft  | Joint, Expansion E2, Intersection                               |
| 6020310 | Ft  | Joint, Plane-of-Weakness W, Intersection                        |
| 6020500 | Syd | Conc Pavt, Nonreinf, 8 inch, High Performance                   |
| 6020501 | Syd | Conc Pavt, Nonreinf, 8 1/2 inch, High Performance               |
| 6020502 | Syd | Conc Pavt, Nonreinf, 9 inch, High Performance                   |
| 6020503 | Syd | Conc Pavt, Nonreinf, 9 1/2 inch, High Performance               |
| 6020504 | Syd | Conc Pavt, Nonreinf, 10 inch, High Performance                  |
| 6020505 | Syd | Conc Pavt, Nonreinf, 10 1/2 inch, High Performance              |
| 6020506 | Syd | Conc Pavt, Nonreinf, 11 inch, High Performance                  |
| 6020507 | Syd | Conc Pavt, Nonreinf, 11 1/2 inch, High Performance              |
| 6020508 | Syd | Conc Pavt, Nonreinf, 12 inch, High Performance                  |
| 6020509 | Syd | Conc Pavt, Nonreinf, 12 1/2 inch, High Performance              |
| 6020510 | Syd | Conc Pavt, Nonreinf, 13 inch, High Performance                  |
| 6020511 | Syd | Conc Pavt, Nonreinf, 13 1/2 inch, High Performance              |
| 6020512 | Syd | Conc Pavt, Misc, Nonreinf, 8 inch, High Performance             |
| 6020513 | Syd | Conc Pavt, Misc, Nonreinf, 8 1/2 inch, High Performance         |
| 6020514 | Syd | Conc Pavt, Misc, Nonreinf, 9 inch, High Performance             |
| 6020515 | Syd | Conc Pavt, Misc, Nonreinf, 9 1/2 inch, High Performance         |
| 6020516 | Syd | Conc Pavt, Misc, Nonreinf, 10 inch, High Performance            |
| 6020517 | Syd | Conc Pavt, Misc, Nonreinf, 10 1/2 inch, High Performance        |
| 6020518 | Syd | Conc Pavt, Misc, Nonreinf, 11 inch, High Performance            |
| 6020519 | Syd | Conc Pavt, Misc, Nonreinf, 11 1/2 inch, High Performance        |
| 6020520 | Syd | Conc Pavt, Misc, Nonreinf, 12 inch, High Performance            |
| 6020521 | Syd | Conc Pavt, Misc, Nonreinf, 12 1/2 inch, High Performance        |
| 6020522 | Syd | Conc Pavt, Misc, Nonreinf, 13 inch, High Performance            |
| 6020523 | Syd | Conc Pavt, Misc, Nonreinf, 13 1/2 inch, High Performance        |
| 6020524 | Syd | Shoulder, Nonreinf Conc, High Performance                       |
| 6020525 | Cyd | Conc Pavt, Ovly, Furnishing and Placing, High Performance       |
| 6020526 | Cyd | Conc Pavt, Ovly, Misc, Furnishing and Placing, High Performance |
| 6020527 | Syd | Conc Pavt, Ovly, Finishing and Curing, High Performance         |
| 6020528 | Syd | Conc Pavt, Ovly, Misc, Finishing and Curing, High Performance   |
| 6020600 | Syd | Conc Pavt, Bridge Approach, Reinf                               |
| 6030020 | Ft  | Joint, Contraction, Crg   |
| 6030021 | Ft  | Joint, Expansion, Erg   |
| 6030022 | Ft  | Joint, Expansion, Esc   |

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|         |     |  |
|---------|-----|--|
| 6030023 | Ft  | Joint, Tied, Trg                         |
| 6030030 | Ea  | Lane Tie, Epoxy Anchored                 |
| 6030031 | Ft  | Lane Tie, Epoxy Anchored                 |
| 6030040 | Syd | Pavt Repr, Nonreinf Conc, 6 inch         |
| 6030041 | Syd | Pavt Repr, Nonreinf Conc, 6 1/2 inch     |
| 6030042 | Syd | Pavt Repr, Nonreinf Conc, 7 inch         |
| 6030043 | Syd | Pavt Repr, Nonreinf Conc, 7 1/2 inch     |
| 6030044 | Syd | Pavt Repr, Nonreinf Conc, 8 inch         |
| 6030045 | Syd | Pavt Repr, Nonreinf Conc, 8 1/2 inch     |
| 6030046 | Syd | Pavt Repr, Nonreinf Conc, 9 inch         |
| 6030047 | Syd | Pavt Repr, Nonreinf Conc, 9 1/2 inch     |
| 6030048 | Syd | Pavt Repr, Nonreinf Conc, 10 inch        |
| 6030049 | Syd | Pavt Repr, Nonreinf Conc, 10 1/2 inch    |
| 6030050 | Syd | Pavt Repr, Nonreinf Conc, 11 inch        |
| 6030051 | Syd | Pavt Repr, Nonreinf Conc, 11 1/2 inch    |
| 6030052 | Syd | Pavt Repr, Nonreinf Conc, 12 inch        |
| 6030053 | Syd | Pavt Repr, Nonreinf Conc, 13 inch        |
| 6030060 | Syd | Pavt Repr, Reinf Conc, 6 inch            |
| 6030061 | Syd | Pavt Repr, Reinf Conc, 6 1/2 inch        |
| 6030062 | Syd | Pavt Repr, Reinf Conc, 7 inch            |
| 6030063 | Syd | Pavt Repr, Reinf Conc, 7 1/2 inch        |
| 6030064 | Syd | Pavt Repr, Reinf Conc, 8 inch            |
| 6030065 | Syd | Pavt Repr, Reinf Conc, 8 1/2 inch        |
| 6030066 | Syd | Pavt Repr, Reinf Conc, 9 inch            |
| 6030067 | Syd | Pavt Repr, Reinf Conc, 9 1/2 inch        |
| 6030068 | Syd | Pavt Repr, Reinf Conc, 10 inch           |
| 6030069 | Syd | Pavt Repr, Reinf Conc, 10 1/2 inch       |
| 6030070 | Syd | Pavt Repr, Reinf Conc, 11 inch           |
| 6030071 | Syd | Pavt Repr, Reinf Conc, 11 1/2 inch       |
| 6030072 | Syd | Pavt Repr, Reinf Conc, 12 inch           |
| 7040001 | Sft | Steel Sheet Piling, Permanent            |
| 7040003 | Sft | Steel Sheet Piling, Temp, Left in Place  |
| 7040009 | LS  | Cofferdams, Left in Place                |
| 7050020 | Ft  | Pile, CIP Conc, Furn and Driven, 12 inch |
| 7050021 | Ea  | Test Pile, CIP Conc, 12 inch             |
| 7050022 | Ft  | Pile, CIP Conc, Furn and Driven, 14 inch |
| 7050023 | Ea  | Test Pile, CIP Conc, 14 inch             |
| 7050025 | Ea  | Pile Point, CIP Conc                     |
| 7050026 | Ft  | Pile, CIP Conc, Furn and Driven, 16 inch |
| 7050027 | Ea  | Test Pile, CIP Conc, 16 inch             |
| 7050030 | Ft  | Pile, Steel, Furn and Driven, 12 inch    |
| 7050031 | Ea  | Test Pile, Steel, 12 inch                |
| 7050034 | Ft  | Pile, Steel, Furn and Driven, 14 inch    |
| 7050035 | Ea  | Test Pile, Steel, 14 inch                |
| 7050038 | LS  | Pile, Galv                               |
| 7050039 | Ea  | Pile Point, Steel                        |
| 7060030 | Ft  | Conduit, 3 inch                          |
| 7060031 | Ft  | Conduit, 3 inch, Placed                  |
| 7060032 | Ft  | Conduit, 4 inch                          |
| 7060033 | Ft  | Conduit, 4 inch, Placed                  |
| 7060040 | Ea  | Elec Grounding System                    |
| 7060050 | Ft  | Expansion Joint Device                   |
| 7060051 | Ft  | Expansion Joint Device, Cover Plate      |
| 7060053 | Ft  | Expansion Joint System, Modular, 9 inch  |
| 7060054 | Ft  | Expansion Joint System, Modular, 12 inch |
| 7060060 | Sft | False Decking                            |
| 7060070 | Ea  | Pipe Sleeve, 8 inch                      |

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|         |     |  |
|---------|-----|--|
| 7060071 | Ea  | Pipe Sleeve, 8 inch, Placed                  |
| 7060072 | Ea  | Pipe Sleeve, 10 inch                         |
| 7060073 | Ea  | Pipe Sleeve, 10 inch, Placed                 |
| 7060074 | Ea  | Pipe Sleeve, 12 inch                         |
| 7060075 | Ea  | Pipe Sleeve, 12 inch, Placed                 |
| 7060076 | Ea  | Pipe Sleeve, 14 inch                         |
| 7060077 | Ea  | Pipe Sleeve, 14 inch, Placed                 |
| 7060078 | Ea  | Pipe Sleeve, 16 inch                         |
| 7060079 | Ea  | Pipe Sleeve, 16 inch, Placed                 |
| 7060080 | Ea  | Pipe Sleeve, 20 inch                         |
| 7060081 | Ea  | Pipe Sleeve, 20 inch, Placed                 |
| 7060082 | Ea  | Pipe Sleeve, 24 inch                         |
| 7060083 | Ea  | Pipe Sleeve, 24 inch, Placed                 |
| 7060084 | Ea  | Pipe Sleeve, 26 inch                         |
| 7060085 | Ea  | Pipe Sleeve, 26 inch, Placed                 |
| 7060086 | Ea  | Pipe Sleeve, 30 inch                         |
| 7060087 | Ea  | Pipe Sleeve, 30 inch, Placed                 |
| 7060089 | Lb  | Reinforcement, Stainless Steel               |
| 7060090 | Lb  | Reinforcement, Steel                         |
| 7060091 | Lb  | Reinforcement, Steel, Culv and Headwall      |
| 7060092 | Lb  | Reinforcement, Steel, Epoxy Coated           |
| 7070010 | Sin | Bearing, Elastomeric, 1/2 inch               |
| 7070011 | Sin | Bearing, Elastomeric, 3/4 inch               |
| 7070012 | Sin | Bearing, Elastomeric, 1 inch                 |
| 7070013 | Sin | Bearing, Elastomeric, 1 1/4 inch             |
| 7070014 | Sin | Bearing, Elastomeric, 1 1/2 inch             |
| 7070015 | Sin | Bearing, Elastomeric, 1 3/4 inch             |
| 7070016 | Sin | Bearing, Elastomeric, 2 inch                 |
| 7070017 | Sin | Bearing, Elastomeric, 2 1/4 inch             |
| 7070018 | Sin | Bearing, Elastomeric, 2 1/2 inch             |
| 7070019 | Sin | Bearing, Elastomeric, 2 3/4 inch             |
| 7070020 | Sin | Bearing, Elastomeric, 3 inch                 |
| 7070021 | Sin | Bearing, Elastomeric, 3 1/4 inch             |
| 7070022 | Sin | Bearing, Elastomeric, 3 1/2 inch             |
| 7070023 | Sin | Bearing, Elastomeric, 3 3/4 inch             |
| 7070024 | Sin | Bearing, Elastomeric, 4 inch                 |
| 7070040 | LS  | Shear Developers                             |
| 7070050 | Lb  | Structural Steel, Mixed, Erect               |
| 7070051 | Lb  | Structural Steel, Mixed, Furn and Fab        |
| 7070060 | Lb  | Structural Steel, Plate, Erect               |
| 7070061 | Lb  | Structural Steel, Plate, Furn and Fab        |
| 7070070 | Lb  | Structural Steel, Rolled Shape, Erect        |
| 7070071 | Lb  | Structural Steel, Rolled Shape, Furn and Fab |
| 7070106 | Ft  | Expansion Joint System, Modular, 6 inch      |
| 7070109 | Ft  | Expansion Joint System, Modular, 9 inch      |
| 7070112 | Ft  | Expansion Joint System, Modular, 12 inch     |
| 7080001 | Sft | Prest Conc Deck, 12 inch                     |
| 7080002 | Sft | Prest Conc Deck, 17 inch                     |
| 7080003 | Sft | Prest Conc Deck, 21 inch                     |
| 7080004 | Sft | Prest Conc Deck, 27 inch                     |
| 7080005 | Sft | Prest Conc Deck, 33 inch                     |
| 7080006 | Sft | Prest Conc Deck, 39 inch                     |
| 7080007 | Sft | Prest Conc Deck, 42 inch                     |
| 7080008 | Sft | Prest Conc Deck, 48 inch                     |
| 7080009 | Sft | Prest Conc Deck, 54 inch                     |
| 7080010 | Sft | Prest Conc Deck, 60 inch                     |
| 7080015 | LS  | Post Tensioning                              |



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|         |     |   |
|---------|-----|---|
| 7080021 | Ft  | Prest Conc I Beam, Furn, 28 inch                  |
| 7080022 | Ft  | Prest Conc I Beam, Erect, 28 inch                 |
| 7080025 | Ft  | Prest Conc I Beam, Furn, 36 inch                  |
| 7080026 | Ft  | Prest Conc I Beam, Erect, 36 inch                 |
| 7080029 | Ft  | Prest Conc I Beam, Furn, 45 inch                  |
| 7080030 | Ft  | Prest Conc I Beam, Erect, 45 inch                 |
| 7080033 | Ft  | Prest Conc I Beam, Furn, 54 inch                  |
| 7080034 | Ft  | Prest Conc I Beam, Erect, 54 inch                 |
| 7080037 | Ft  | Prest Conc I Beam, Furn, 70 inch                  |
| 7080038 | Ft  | Prest Conc I Beam, Erect, 70 inch                 |
| 7080040 | Ft  | Prest Conc I Beam, Furn, 72 inch                  |
| 7080041 | Ft  | Prest Conc I Beam, Erect, 72 inch                 |
| 7080051 | Ft  | Prest Conc Box Beam, Furn, 12 inch                |
| 7080052 | Ft  | Prest Conc Box Beam, Erect, 12 inch               |
| 7080055 | Ft  | Prest Conc Box Beam, Furn, 17 inch                |
| 7080056 | Ft  | Prest Conc Box Beam, Erect, 17 inch               |
| 7080061 | Ft  | Prest Conc Box Beam, Furn, 21 inch                |
| 7080062 | Ft  | Prest Conc Box Beam, Erect, 21 inch               |
| 7080065 | Ft  | Prest Conc Box Beam, Furn, 27 inch                |
| 7080066 | Ft  | Prest Conc Box Beam, Erect, 27 inch               |
| 7080071 | Ft  | Prest Conc Box Beam, Furn, 33 inch                |
| 7080072 | Ft  | Prest Conc Box Beam, Erect, 33 inch               |
| 7080075 | Ft  | Prest Conc Box Beam, Furn, 39 inch                |
| 7080076 | Ft  | Prest Conc Box Beam, Erect, 39 inch               |
| 7080081 | Ft  | Prest Conc Box Beam, Furn, 42 inch                |
| 7080082 | Ft  | Prest Conc Box Beam, Erect, 42 inch               |
| 7080085 | Ft  | Prest Conc Box Beam, Furn, 48 inch                |
| 7080086 | Ft  | Prest Conc Box Beam, Erect, 48 inch               |
| 7080091 | Ft  | Prest Conc Box Beam, Furn, 54 inch                |
| 7080092 | Ft  | Prest Conc Box Beam, Erect, 54 inch               |
| 7080095 | Ft  | Prest Conc Box Beam, Furn, 60 inch                |
| 7080096 | Ft  | Prest Conc Box Beam, Erect, 60 inch               |
| 7080101 | Ft  | Prest Conc 1800 Beam, Furn                        |
| 7080102 | Ft  | Prest Conc 1800 Beam, Erect                       |
| 7090010 | LS  | Hardware, Misc.                                   |
| 7090020 | LS  | Structure, Timber                                 |
| 7090030 | TBF | Timber and Lumber, Treated, Furn and Place        |
| 7110001 | Ft  | Bridge Barrier Railing, Type 4                    |
| 7110002 | Ft  | Bridge Barrier Railing, Type 5                    |
| 7110003 | Ea  | Reflective Marker, Permanent Barrier              |
| 7110005 | Ft  | Bridge Railing, Aesthetic Parapet Tube            |
| 7110006 | Ft  | Bridge Railing, Thrie Beam Retrofit               |
| 7110008 | Ft  | Bridge Railing, 2 Tube                            |
| 7110010 | Ft  | Bridge Railing, 4 Tube                            |
| 7110021 | Ft  | Pipe Railing, Galv Steel                          |
| 7110030 | Ft  | Bridge Barrier Railing, Type 4, Modified          |
| 7110031 | Ft  | Bridge Barrier Railing, Type 5, Modified          |
| 7110032 | Ft  | Bridge Railing, Aesthetic Parapet Tube, Det 1     |
| 7110033 | Ft  | Bridge Railing, Aesthetic Parapet Tube, Det 2     |
| 7110034 | Ft  | Bridge Railing, Aesthetic Type 4, Det 1           |
| 7110035 | Ft  | Bridge Railing, Aesthetic Type 4, Det 1, Modified |
| 7110036 | Ft  | Bridge Railing, Aesthetic Type 4, Det 2           |
| 7110037 | Ft  | Bridge Railing, Aesthetic Type 4, Det 2, Mod      |
| 7110038 | Ft  | Bridge Railing, Aesthetic Type 5, Det 1           |
| 7110039 | Ft  | Bridge Railing, Aesthetic Type 5, Det 1, Modified |
| 7110040 | Ft  | Bridge Railing, Aesthetic Type 5, Det 2           |
| 7110041 | Ft  | Bridge Railing, Aesthetic Type 5, Det 2, Modified |

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|         |     |   |
|---------|-----|---|
| 7120028 | Ea  | Adhesive Anchoring of Horizontal Bar, 3/4 inch        |
| 7120029 | Ea  | Adhesive Anchoring of Horizontal Bar, 7/8 inch        |
| 7120031 | Ea  | Adhesive Anchoring of Vertical Bar, 3/8 inch          |
| 7120032 | Ea  | Adhesive Anchoring of Vertical Bar, 1/2 inch          |
| 7120033 | Ea  | Adhesive Anchoring of Vertical Bar, 5/8 inch          |
| 7120034 | Ea  | Adhesive Anchoring of Vertical Bar, 3/4 inch          |
| 7120035 | Ea  | Adhesive Anchoring of Vertical Bar, 7/8 inch          |
| 7120038 | Ea  | Adhesive Anchoring of Vertical Bar, 1 inch            |
| 7120040 | Ea  | Bolt, Adhesive Anchored, 1/2 inch                     |
| 7120041 | Ea  | Bolt, Adhesive Anchored, 5/8 inch                     |
| 7120042 | Ea  | Bolt, Adhesive Anchored, 3/4 inch                     |
| 7120043 | Ea  | Bolt, Adhesive Anchored, 7/8 inch                     |
| 7120044 | Ea  | Bolt, Adhesive Anchored, 1 inch                       |
| 7120050 | Ea  | Bolt, Mechanical Expansion Anchored, 5/8 inch         |
| 7120051 | Ea  | Bolt, Mechanical Expansion Anchored, 3/4 inch         |
| 7120052 | Ea  | Bolt, Mechanical Expansion Anchored, 7/8 inch         |
| 7120080 | Ea  | Bridge Joint, Revise Expansion Device                 |
| 7120081 | Ea  | Bridge Joint, Revise Compression Seal                 |
| 7120084 | Ea  | Reinforcement, Mechanical Splice                      |
| 7120120 | Ea  | Embedded Galvanic Anode                               |
| 7130031 | Ea  | Hanger Assembly, Rem and Erect                        |
| 7130050 | Ea  | Rocker, Realign                                       |
| 7130060 | Lb  | Stiffeners, Furn, Fab, and Erect                      |
| 7130070 | Lb  | Structural Steel, Furn and Fab, Pin and Hanger        |
| 7130071 | Lb  | Structural Steel, Retrofit, Furn, Fab, and Erect      |
| 7130072 | Lb  | Structural Steel, Welded Repair, Furn, Fab, and Erect |
| 7150010 | Ea  | End Diaphragm, Rem and Replace                        |
| 7170001 | Ea  | Drain Casting, Type 1                                 |
| 7170002 | Ea  | Drain Casting, Type 2                                 |
| 7170010 | Ea  | Drain Casting Assembly                                |
| 7170065 | Ea  | Deck Drain, Extension                                 |
| 7170070 | Ea  | Downspout Replacement                                 |
| 7180036 | Ft  | Drilled Shaft, 36 inch                                |
| 7180042 | Ft  | Drilled Shaft, 42 inch                                |
| 7180048 | Ft  | Drilled Shaft, 48 inch                                |
| 7180054 | Ft  | Drilled Shaft, 54 inch                                |
| 7180060 | Ft  | Drilled Shaft, 60 inch                                |
| 7180066 | Ft  | Drilled Shaft, 66 inch                                |
| 7180072 | Ft  | Drilled Shaft, 72 inch                                |
| 7180110 | Ft  | Permanent Casing                                      |
| 7180121 | Ft  | Temp Casing-Left in Place                             |
| 8010001 | Syd | Driveway, Reinf Conc, 6 inch                          |
| 8010002 | Syd | Driveway, Reinf Conc, 7 inch                          |
| 8010003 | Syd | Driveway, Reinf Conc, 8 inch                          |
| 8010004 | Syd | Driveway, Reinf Conc, 9 inch                          |
| 8010005 | Syd | Driveway, Nonreinf Conc, 6 inch                       |
| 8010006 | Syd | Driveway, Nonreinf Conc, 7 inch                       |
| 8010007 | Syd | Driveway, Nonreinf Conc, 8 inch                       |
| 8010008 | Syd | Driveway, Nonreinf Conc, 9 inch                       |
| 8020001 | Ft  | Curb, Conc, Det E1                                    |
| 8020002 | Ft  | Curb, Conc, Det E2                                    |
| 8020004 | Ft  | Curb, Conc, Det E4                                    |
| 8020005 | Ft  | Curb, Conc, Det G1                                    |
| 8020006 | Ft  | Curb, Conc, Det G2                                    |
| 8020010 | Ft  | Curb and Gutter, Bridge Approach                      |
| 8020015 | Ft  | Curb and Gutter, Conc, Det B1                         |
| 8020016 | Ft  | Curb and Gutter, Conc, Det B2                         |

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|         |     |  |
|---------|-----|--|
| 8020017 | Ft  | Curb and Gutter, Conc, Det B3                |
| 8020020 | Ft  | Curb and Gutter, Conc, Det C1                |
| 8020021 | Ft  | Curb and Gutter, Conc, Det C2                |
| 8020022 | Ft  | Curb and Gutter, Conc, Det C3                |
| 8020023 | Ft  | Curb and Gutter, Conc, Det C4                |
| 8020024 | Ft  | Curb and Gutter, Conc, Det C5                |
| 8020025 | Ft  | Curb and Gutter, Conc, Det C6                |
| 8020030 | Ft  | Curb and Gutter, Conc, Det D1                |
| 8020031 | Ft  | Curb and Gutter, Conc, Det D2                |
| 8020032 | Ft  | Curb and Gutter, Conc, Det D3                |
| 8020035 | Ft  | Curb and Gutter, Conc, Det F1                |
| 8020036 | Ft  | Curb and Gutter, Conc, Det F2                |
| 8020037 | Ft  | Curb and Gutter, Conc, Det F3                |
| 8020038 | Ft  | Curb and Gutter, Conc, Det F4                |
| 8020039 | Ft  | Curb and Gutter, Conc, Det F5                |
| 8020040 | Ft  | Curb and Gutter, Conc, Det F6                |
| 8020045 | Ea  | Curb Nose                                    |
| 8020050 | Ft  | Driveway Opening, Conc, Det M                |
| 8020055 | Ea  | Shoulder Gutter, Conc, Det 1                 |
| 8020056 | Ea  | Shoulder Gutter, Conc, Det 2                 |
| 8020057 | Ea  | Shoulder Gutter, Conc, Det 3                 |
| 8020060 | Ft  | Valley Gutter, Conc                          |
| 8020065 | Sft | Divider, Reinf Conc, Type I                  |
| 8020066 | Sft | Divider, Nonreinf Conc, Type 1               |
| 8020067 | Sft | Divider, Nonreinf Conc, Type 2               |
| 8020070 | Ea  | Downspout Header, Conc                       |
| 8020075 | Ft  | Spillway, Conc                               |
| 8030010 | Ft  | Detectable Warning Surface                   |
| 8030020 | Ft  | Railing for Steps                            |
| 8030033 | Sft | Sidewalk Ramp, Conc, 3 inch                  |
| 8030034 | Sft | Sidewalk Ramp, Conc, 4 inch                  |
| 8030036 | Sft | Sidewalk Ramp, Conc, 6 inch                  |
| 8030037 | Sft | Sidewalk Ramp, Conc, 7 inch                  |
| 8030043 | Sft | Sidewalk, Conc, 3 inch                       |
| 8030044 | Sft | Sidewalk, Conc, 4 inch                       |
| 8030046 | Sft | Sidewalk, Conc, 6 inch                       |
| 8030047 | Sft | Sidewalk, Conc, 7 inch                       |
| 8030100 | Cyd | Steps, Conc                                  |
| 8040002 | Ft  | Conc Barrier, Single Face, Type B            |
| 8040003 | Ft  | Conc Barrier, Single Face, Type C            |
| 8040006 | Ft  | Conc Barrier, Double Face, Type B            |
| 8040011 | Ft  | Conc Barrier, Split, Type B                  |
| 8040015 | Ft  | Glare Screen, Conc                           |
| 8040016 | Ft  | Glare Screen, Conc, Split                    |
| 8040020 | Ea  | Light Std Fdn, Conc Barrier                  |
| 8040026 | Ea  | Sign Support Fdn, Conc Barrier, Truss Type C |
| 8040027 | Ea  | Sign Support Fdn, Conc Barrier, Truss Type D |
| 8050010 | Ft  | Curb Sloped, HMA                             |
| 8050020 | Ft  | Curb Vertical, HMA                           |
| 8070000 | Ft  | Guardrail, Type B                            |
| 8070001 | Ft  | Guardrail, Type BD                           |
| 8070002 | Ft  | Guardrail, Type T                            |
| 8070003 | Ft  | Guardrail, Type TD                           |
| 8070005 | Ft  | Guardrail, Type B, Temp                      |
| 8070006 | Ft  | Guardrail, Type BD, Temp                     |
| 8070007 | Ft  | Guardrail, Type T, Temp                      |
| 8070008 | Ft  | Guardrail, Type TD, Temp                     |

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|         |    |  |
|---------|----|--|
| 8070010 | Ft | Guardrail, Curved, Type B                                  |
| 8070011 | Ft | Guardrail, Curved, Type T                                  |
| 8070015 | Ea | Guardrail, Backed, Det G1                                  |
| 8070016 | Ea | Guardrail, Backed, Det G2                                  |
| 8070017 | Ea | Guardrail, Backed, Det G3                                  |
| 8070020 | Ea | Guardrail Anch, Bridge, Det A1                             |
| 8070021 | Ea | Guardrail Anch, Bridge, Det A2                             |
| 8070022 | Ea | Guardrail Anch, Bridge, Det T1                             |
| 8070023 | Ea | Guardrail Anch, Bridge, Det T2                             |
| 8070024 | Ea | Guardrail Anch, Bridge, Det T3                             |
| 8070025 | Ea | Guardrail Anch, Bridge, Det T4                             |
| 8070026 | Ea | Guardrail Anch, Bridge, Det T5                             |
| 8070027 | Ea | Guardrail Anch, Bridge, Det T6                             |
| 8070030 | Ea | Guardrail Anch, Bridge, Det T1, Temp                       |
| 8070031 | Ea | Guardrail Anch, Bridge, Det T2, Temp                       |
| 8070032 | Ea | Guardrail Anch, Bridge, Det T3, Temp                       |
| 8070033 | Ea | Guardrail Anch, Bridge, Det T4, Temp                       |
| 8070035 | Ea | Guardrail Anch, Median                                     |
| 8070036 | Ea | Guardrail Anchored in Backslope, Type 4B                   |
| 8070037 | Ea | Guardrail Anchored in Backslope, Type 4T                   |
| 8070038 | Ea | Guardrail Approach Terminal, Type 3B                       |
| 8070039 | Ea | Guardrail Approach Terminal, Type 3T                       |
| 8070040 | Ea | Guardrail Approach Terminal, Type 1B                       |
| 8070041 | Ea | Guardrail Approach Terminal, Type 1T                       |
| 8070042 | Ea | Guardrail Approach Terminal, Type 2B                       |
| 8070043 | Ea | Guardrail Approach Terminal, Type 2T                       |
| 8070045 | Ea | Guardrail Approach Terminal, Type 1B, Temp                 |
| 8070046 | Ea | Guardrail Approach Terminal, Type 1T, Temp                 |
| 8070047 | Ea | Guardrail Approach Terminal, Type 2B, Temp                 |
| 8070048 | Ea | Guardrail Approach Terminal, Type 2T, Temp                 |
| 8070050 | Ea | Guardrail Departing Terminal, Type B                       |
| 8070051 | Ea | Guardrail Departing Terminal, Type T                       |
| 8070055 | Ea | Guardrail Departing Terminal, Type B, Temp                 |
| 8070056 | Ea | Guardrail Departing Terminal, Type T, Temp                 |
| 8070065 | Ea | Guardrail Buffered End                                     |
| 8070070 | Ea | Guardrail Post, Culv                                       |
| 8070080 | Ea | Guardrail Reflector  |
| 8070101 | Ea | Guardrail Post, Furn and Install, 72 inch                  |
| 8070102 | Ea | Guardrail Post, Furn and Install, 84 inch                  |
| 8070103 | Ea | Guardrail Post, Furn and Install, 96 inch                  |
| 8070104 | Ft | Guardrail, Reconst, Type A                                 |
| 8070105 | Ft | Guardrail, Reconst, Type B                                 |
| 8070106 | Ft | Guardrail, Reconst, Type BD                                |
| 8070107 | Ft | Guardrail, Reconst, Type C                                 |
| 8070108 | Ft | Guardrail, Reconst, Type CD                                |
| 8070109 | Ft | Guardrail, Reconst, Type T                                 |
| 8070110 | Ft | Guardrail, Reconst, Type TD                                |
| 8070202 | Ft | Cable Barrier, High Tension, Reconst                       |
| 8070203 | Ft | Cable Barrier, Furn and Install (CASS, 4:1 Slope)          |
| 8070204 | Ft | Cable Barrier, Furn and Install (CASS, TL-4)               |
| 8070205 | Ea | Cable Barrier Terminal, Furn and Install (CASS)            |
| 8070207 | Ft | Cable Barrier, Furn and Install (Gibraltar, TL-4)          |
| 8070208 | Ea | Cable Barrier Terminal, Furn and Install (Gibraltar, TL-4) |
| 8070210 | Ft | Cable Barrier, Furn and Install (Brifen, TL-4)             |
| 8070211 | Ea | Cable Barrier Terminal, Furn and Install (Brifen, TL-4)    |
| 8070213 | Ft | Cable Barrier, Furn and Install (NuCable, 4:1 Slope)       |
| 8070214 | Ft | Cable Barrier, Furn and Install (NuCable, TL-4)            |

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|         |    |  |
|---------|----|--|
| 8070215 | Ea | Cable Barrier Terminal, Furn and Install (NuCable)               |
| 8070217 | Ft | Cable Barrier, Furn and Install (Safence, TL-4)                  |
| 8070218 | Ea | Cable Barrier Terminal, Furn and Install (Safence)               |
| 8070221 | Ea | Cable Barrier, High Tension, Line Post Fdn                       |
| 8070223 | Ea | Cable Barrier, High Tension, End Term Fdn                        |
| 8070224 | Ea | Cable Barrier, High Tension, Driven Socket                       |
| 8070230 | Ft | Cable Barrier, High Tension, TL-4, 1:6 Slope                     |
| 8070231 | Ea | Cable Barrier Terminal, High Tension, TL-4 Compatible, 1:6 Slope |
| 8070240 | Ft | Cable Barrier, High Tension, TL-3, 1:4 Slope                     |
| 8070241 | Ea | Cable Barrier Terminal, High Tension, TL-3, 1:4 Slope            |
| 8070250 | Ea | Cable, 1000 ft Spool   |
| 8070251 | Ea | Cable Barrier, Intermediate Line Post                            |
| 8070252 | Ea | Cable Barrier, Misc Hardware, Intermediate Line Post             |
| 8070253 | Ea | Cable Barrier, Modified Line Post and Hardware                   |
| 8070254 | Ea | Cable Barrier, Socket, Conc Fdn                                  |
| 8070255 | Ea | Cable Barrier, Driven Socket                                     |
| 8070256 | Ea | Cable Barrier, Turnbuckle  |
| 8070259 | Ea | Cable Barrier, Wedge Lock Fitting                                |
| 8070260 | Ea | Cable Barrier, Cable Splice Kit                                  |
| 8070261 | Ea | Cable Barrier Terminal, Materials                                |
| 8070262 | Ea | Cable Barrier, High Tension, Repair Labor                        |
| 8070270 | Ea | Cable Barrier, High Tension, Maintenance Kit                     |
| 8070300 | Ft | Cable Barrier, Low Tension, Type M                               |
| 8070301 | Ft | Cable Barrier, Low Tension, Type R                               |
| 8070302 | Ea | Cable Barrier Terminal, Low Tension                              |
| 8080001 | Ft | Fence, Woven Wire with Wood Post                                 |
| 8080002 | Ft | Fence, Woven Wire with Steel Post                                |
| 8080003 | Ft | Barbed Wire  |
| 8080005 | Ea | Fence Gate, 12 foot, for Woven Wire                              |
| 8080006 | Ea | Fence Gate, 16 foot, for Woven Wire                              |
| 8080007 | Ft | Fence, Protective  |
| 8080010 | Ft | Fence, Chain Link, 42 inch                                       |
| 8080011 | Ft | Fence, Chain Link, 48 inch                                       |
| 8080012 | Ft | Fence, Chain Link, 60 inch                                       |
| 8080013 | Ft | Fence, Chain Link, 72 inch                                       |
| 8080014 | Ft | Fence, Chain Link, 84 inch                                       |
| 8080015 | Ft | Fence, Chain Link, 96 inch                                       |
| 8080016 | Ft | Fence, Chain Link, 108 inch                                      |
| 8080017 | Ft | Fence, Chain Link, 120 inch                                      |
| 8080020 | Ea | Fence Gate, 4 foot, for 42 inch Chain Link Fence                 |
| 8080021 | Ea | Fence Gate, 4 foot, for 48 inch Chain Link Fence                 |
| 8080022 | Ea | Fence Gate, 4 foot, for 60 inch Chain Link Fence                 |
| 8080023 | Ea | Fence Gate, 4 foot, for 72 inch Chain Link Fence                 |
| 8080024 | Ea | Fence Gate, 4 foot, for 84 inch Chain Link Fence                 |
| 8080025 | Ea | Fence Gate, 4 foot, for 96 inch Chain Link Fence                 |
| 8080026 | Ea | Fence Gate, 4 foot, for 108 inch Chain Link Fence                |
| 8080027 | Ea | Fence Gate, 4 foot, for 120 inch Chain Link Fence                |
| 8080030 | Ea | Fence Gate, 6 foot, for 42 inch Chain Link Fence                 |
| 8080031 | Ea | Fence Gate, 6 foot, for 48 inch Chain Link Fence                 |
| 8080032 | Ea | Fence Gate, 6 foot, for 60 inch Chain Link Fence                 |
| 8080033 | Ea | Fence Gate, 6 foot, for 72 inch Chain Link Fence                 |
| 8080034 | Ea | Fence Gate, 6 foot, for 84 inch Chain Link Fence                 |
| 8080035 | Ea | Fence Gate, 6 foot, for 96 inch Chain Link Fence                 |
| 8080036 | Ea | Fence Gate, 6 foot, for 108 inch Chain Link Fence                |
| 8080037 | Ea | Fence Gate, 6 foot, for 120 inch Chain Link Fence                |
| 8080040 | Ea | Fence Gate, 8 foot, for 42 inch Chain Link Fence                 |
| 8080041 | Ea | Fence Gate, 8 foot, for 48 inch Chain Link Fence                 |

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|         |     |  |
|---------|-----|--|
| 8080042 | Ea  | Fence Gate, 8 foot, for 60 inch Chain Link Fence         |
| 8080043 | Ea  | Fence Gate, 8 foot, for 72 inch Chain Link Fence         |
| 8080044 | Ea  | Fence Gate, 8 foot, for 84 inch Chain Link Fence         |
| 8080045 | Ea  | Fence Gate, 8 foot, for 96 inch Chain Link Fence         |
| 8080046 | Ea  | Fence Gate, 8 foot, for 108 inch Chain Link Fence        |
| 8080047 | Ea  | Fence Gate, 8 foot, for 120 inch Chain Link Fence        |
| 8080050 | Ea  | Fence Gate, 12 foot, for 42 inch Chain Link Fence        |
| 8080051 | Ea  | Fence Gate, 12 foot, for 48 inch Chain Link Fence        |
| 8080052 | Ea  | Fence Gate, 12 foot, for 60 inch Chain Link Fence        |
| 8080053 | Ea  | Fence Gate, 12 foot, for 72 inch Chain Link Fence        |
| 8080054 | Ea  | Fence Gate, 12 foot, for 84 inch Chain Link Fence        |
| 8080055 | Ea  | Fence Gate, 12 foot, for 96 inch Chain Link Fence        |
| 8080056 | Ea  | Fence Gate, 12 foot, for 108 inch Chain Link Fence       |
| 8080057 | Ea  | Fence Gate, 12 foot, for 120 inch Chain Link Fence       |
| 8080060 | Ea  | Fence Gate, 16 foot, for 42 inch Chain Link Fence        |
| 8080061 | Ea  | Fence Gate, 16 foot, for 48 inch Chain Link Fence        |
| 8080062 | Ea  | Fence Gate, 16 foot, for 60 inch Chain Link Fence        |
| 8080063 | Ea  | Fence Gate, 16 foot, for 72 inch Chain Link Fence        |
| 8080064 | Ea  | Fence Gate, 16 foot, for 84 inch Chain Link Fence        |
| 8080065 | Ea  | Fence Gate, 16 foot, for 96 inch Chain Link Fence        |
| 8080066 | Ea  | Fence Gate, 16 foot, for 108 inch Chain Link Fence       |
| 8080067 | Ea  | Fence Gate, 16 foot, for 120 inch Chain Link Fence       |
| 8080070 | Ft  | Fence, Chain Link, 72 inch, with 1 Strand of Barbed Wire |
| 8080071 | Ft  | Fence, Chain Link, 72 inch, with 2 Strand of Barbed Wire |
| 8080072 | Ft  | Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire |
| 8080073 | Ft  | Fence, Chain Link, 72 inch, with 4 Strand of Barbed Wire |
| 8080074 | Ft  | Fence, Chain Link, 72 inch, with 5 Strand of Barbed Wire |
| 8080075 | Ft  | Fence, Chain Link, 72 inch, with 6 Strand of Barbed Wire |
| 8080080 | Ft  | Fence, Chain Link, 84 inch, with 1 Strand of Barbed Wire |
| 8080081 | Ft  | Fence, Chain Link, 84 inch, with 2 Strand of Barbed Wire |
| 8080082 | Ft  | Fence, Chain Link, 84 inch, with 3 Strand of Barbed Wire |
| 8080083 | Ft  | Fence, Chain Link, 84 inch, with 4 Strand of Barbed Wire |
| 8080084 | Ft  | Fence, Chain Link, 84 inch, with 5 Strand of Barbed Wire |
| 8080085 | Ft  | Fence, Chain Link, 84 inch, with 6 Strand of Barbed Wire |
| 8080090 | Ft  | Fence, Chain Link, 96 inch, with 1 Strand of Barbed Wire |
| 8080091 | Ft  | Fence, Chain Link, 96 inch, with 2 Strand of Barbed Wire |
| 8080092 | Ft  | Fence, Chain Link, 96 inch, with 3 Strand of Barbed Wire |
| 8080093 | Ft  | Fence, Chain Link, 96 inch, with 4 Strand of Barbed Wire |
| 8080094 | Ft  | Fence, Chain Link, 96 inch, with 5 Strand of Barbed Wire |
| 8080095 | Ft  | Fence, Chain Link, 96 inch, with 6 Strand of Barbed Wire |
| 8080100 | Ft  | Fence, High Tensile Wire                                 |
| 8080110 | Sft | Fence, Structure   |
| 8080130 | Ea  | Fence Post   |
| 8080140 | Ft  | Fence Material   |
| 8100010 | Ea  | Band, Sign   |
| 8100020 | Ea  | Bridge Sign Connection, Bolt Replacement                 |
| 8100030 | Ea  | Bridge Sign Connection, Conc, Type A                     |
| 8100031 | Ea  | Bridge Sign Connection, Conc, Type A1                    |
| 8100032 | Ea  | Bridge Sign Connection, Conc, Type A2                    |
| 8100033 | Ea  | Bridge Sign Connection, Conc, Type C                     |
| 8100034 | Ea  | Bridge Sign Connection, Conc, Type D                     |
| 8100035 | Ea  | Bridge Sign Connection, Conc, Type E                     |
| 8100036 | Ea  | Bridge Sign Connection, Conc, Type F                     |
| 8100037 | Ea  | Bridge Sign Connection, Conc, Type K                     |
| 8100038 | Ea  | Bridge Sign Connection, Conc, Type L                     |
| 8100039 | Ea  | Bridge Sign Connection, Conc, Type M                     |
| 8100040 | Ea  | Bridge Sign Connection, Conc, Type O                     |

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|         |    |   |
|---------|----|---|
| 8100041 | Ea | Bridge Sign Connection, Conc, Type P                      |
| 8100042 | Ea | Bridge Sign Connection, Conc, Type Q                      |
| 8100043 | Ea | Bridge Sign Connection, Conc, Type R                      |
| 8100044 | Ea | Bridge Sign Connection, Conc, Type S                      |
| 8100045 | Ea | Bridge Sign Connection, Conc, Type T                      |
| 8100046 | Ea | Bridge Sign Connection, Conc, Type U                      |
| 8100047 | Ea | Bridge Sign Connection, Conc, Type V                      |
| 8100048 | Ea | Bridge Sign Connection, Conc, Type W                      |
| 8100060 | Ea | Bridge Sign Connection, Steel, Type A1                    |
| 8100061 | Ea | Bridge Sign Connection, Steel, Type B                     |
| 8100062 | Ea | Bridge Sign Connection, Steel, Type C                     |
| 8100063 | Ea | Bridge Sign Connection, Steel, Type D                     |
| 8100064 | Ea | Bridge Sign Connection, Steel, Type E                     |
| 8100065 | Ea | Bridge Sign Connection, Steel, Type F                     |
| 8100066 | Ea | Bridge Sign Connection, Steel, Type G                     |
| 8100067 | Ea | Bridge Sign Connection, Steel, Type H                     |
| 8100068 | Ea | Bridge Sign Connection, Steel, Type I                     |
| 8100069 | Ea | Bridge Sign Connection, Steel, Type J                     |
| 8100100 | Ea | Cantilever, Type C  |
| 8100102 | Ea | Cantilever, Type D  |
| 8100104 | Ea | Cantilever, Type E  |
| 8100106 | Ea | Cantilever, Type G  |
| 8100108 | Ea | Cantilever, Type H  |
| 8100110 | Ea | Cantilever, Type J  |
| 8100120 | Ea | Column, Breakaway, W8 by 13                               |
| 8100121 | Ea | Column, Breakaway, W8 by 18                               |
| 8100160 | Ea | Fdn, Breakaway, W8 by 13                                  |
| 8100161 | Ea | Fdn, Breakaway, W8 by 18                                  |
| 8100170 | Ft | Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased |
| 8100171 | Ft | Fdn, Cantilvr Sign Structure Type E, 48 inch Dia, Uncased |
| 8100172 | Ft | Fdn, Cantilever Sign Structure Type E, 54 inch Dia, Cased |
| 8100173 | Ft | Fdn, Cantilvr Sign Structure Type E, 54 inch Dia, Uncased |
| 8100174 | Ft | Fdn, Cantilever Sign Structure Type E, 60 inch Dia, Cased |
| 8100175 | Ft | Fdn, Cantilvr Sign Structure Type E, 60 inch Dia, Uncased |
| 8100176 | Ft | Fdn, Cantilever Sign Structure Type E, 72 inch Dia, Cased |
| 8100177 | Ft | Fdn, Cantilvr Sign Structure Type E, 72 inch Dia, Uncased |
| 8100178 | Ft | Fdn, Cantilever Sign Structure Type J, 48 inch Dia, Cased |
| 8100179 | Ft | Fdn, Cantilvr Sign Structure Type J, 48 inch Dia, Uncased |
| 8100180 | Ft | Fdn, Cantilever Sign Structure Type J, 54 inch Dia, Cased |
| 8100181 | Ft | Fdn, Cantilvr Sign Structure Type J, 54 inch Dia, Uncased |
| 8100182 | Ft | Fdn, Cantilever Sign Structure Type J, 60 inch Dia, Cased |
| 8100183 | Ft | Fdn, Cantilvr Sign Structure Type J, 60 inch Dia, Uncased |
| 8100184 | Ft | Fdn, Cantilever Sign Structure Type J, 72 inch Dia, Cased |
| 8100185 | Ft | Fdn, Cantilvr Sign Structure Type J, 72 inch Dia, Uncased |
| 8100200 | Ea | Fdn, Cantilever, Type C 1                                 |
| 8100201 | Ea | Fdn, Cantilever, Type C 2                                 |
| 8100202 | Ea | Fdn, Cantilever, Type C 3                                 |
| 8100203 | Ea | Fdn, Cantilever, Type D 1                                 |
| 8100204 | Ea | Fdn, Cantilever, Type D 2                                 |
| 8100205 | Ea | Fdn, Cantilever, Type D 3                                 |
| 8100206 | Ea | Fdn, Cantilever, Type E 1                                 |
| 8100207 | Ea | Fdn, Cantilever, Type E 2                                 |
| 8100208 | Ea | Fdn, Cantilever, Type E 3                                 |
| 8100209 | Ea | Fdn, Cantilever, Type G 1                                 |
| 8100210 | Ea | Fdn, Cantilever, Type G 2                                 |
| 8100211 | Ea | Fdn, Cantilever, Type G 3                                 |
| 8100212 | Ea | Fdn, Cantilever, Type H 1                                 |

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|         |     |   |
|---------|-----|---|
| 8100213 | Ea  | Fdn, Cantilever, Type H 2                                     |
| 8100214 | Ea  | Fdn, Cantilever, Type H 3                                     |
| 8100250 | Ft  | Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased          |
| 8100251 | Ft  | Fdn, Truss Sign Structure Type E, 48 inch Dia, Uncased        |
| 8100252 | Ft  | Fdn, Truss Sign Structure Type E, 54 inch Dia, Cased          |
| 8100253 | Ft  | Fdn, Truss Sign Structure Type E, 54 inch Dia, Uncased        |
| 8100254 | Ft  | Fdn, Truss Sign Structure Type E, 60 inch Dia, Cased          |
| 8100255 | Ft  | Fdn, Truss Sign Structure Type E, 60 inch Dia, Uncased        |
| 8100256 | Ft  | Fdn, Truss Sign Structure Type E, 72 inch Dia, Cased          |
| 8100257 | Ft  | Fdn, Truss Sign Structure Type E, 72 inch Dia, Uncased        |
| 8100270 | Ea  | Fdn, Truss, Type C  |
| 8100271 | Ea  | Fdn, Truss, Type D  |
| 8100290 | Ea  | Glare Screen Connection, Conc                                 |
| 8100291 | Ea  | Glare Screen Connection, Conc, Perforated Steel Square Tube   |
| 8100304 | Ea  | Mast Arm  |
| 8100305 | Ea  | Mast Arm Std  |
| 8100306 | Ft  | Mast Arm Std Fdn, Cased                                       |
| 8100307 | Ft  | Mast Arm Std Fdn, Uncased                                     |
| 8100310 | Ea  | Median Barrier Connection, Conc                               |
| 8100311 | Ea  | Median Barrier Connection, Conc, Perforated Steel Square Tube |
| 8100320 | Ea  | Overhead Lane Assignment Structure                            |
| 8100330 | Ea  | Perforated Steel Square Tube Sign Breakaway System            |
| 8100350 | Ea  | Post, Delineator  |
| 8100370 | Ft  | Post, Steel, 2 lb   |
| 8100371 | Ft  | Post, Steel, 3 lb   |
| 8100392 | Sft | Sign, Type IA   |
| 8100393 | Sft | Sign, Type IB   |
| 8100394 | Sft | Sign, Type IC   |
| 8100395 | Sft | Sign, Type ID   |
| 8100404 | Sft | Sign, Type IIIA   |
| 8100405 | Sft | Sign, Type IIIB   |
| 8100406 | Sft | Sign, Type IIIC   |
| 8100407 | Sft | Sign, Type IIID   |
| 8100410 | Sft | Sign, Type IVA  |
| 8100411 | Sft | Sign, Type IVB  |
| 8100412 | Sft | Sign, Type IVC  |
| 8100413 | Sft | Sign, Type IVD  |
| 8100414 | Sft | Sign, Type IIIB, Modified                                     |
| 8100430 | Ea  | Truss Fdn Anchor Bolts, Replace                               |
| 8100450 | Ea  | Truss, Type C, 50 foot  |
| 8100452 | Ea  | Truss, Type C, 55 foot  |
| 8100454 | Ea  | Truss, Type C, 60 foot  |
| 8100456 | Ea  | Truss, Type C, 65 foot  |
| 8100458 | Ea  | Truss, Type C, 70 foot  |
| 8100460 | Ea  | Truss, Type C, 75 foot  |
| 8100462 | Ea  | Truss, Type C, 80 foot  |
| 8100464 | Ea  | Truss, Type C, 85 foot  |
| 8100466 | Ea  | Truss, Type C, 90 foot  |
| 8100468 | Ea  | Truss, Type C, 95 foot  |
| 8100470 | Ea  | Truss, Type C, 100 foot                                       |
| 8100472 | Ea  | Truss, Type D, 100 foot                                       |
| 8100474 | Ea  | Truss, Type D, 105 foot                                       |
| 8100476 | Ea  | Truss, Type D, 110 foot                                       |
| 8100478 | Ea  | Truss, Type D, 115 foot                                       |
| 8100480 | Ea  | Truss, Type D, 120 foot                                       |
| 8100482 | Ea  | Truss, Type D, 125 foot                                       |
| 8100484 | Ea  | Truss, Type E, 50 foot  |



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|         |     |   |
|---------|-----|---|
| 8100485 | Ea  | Truss, Type E, 55 foot                          |
| 8100486 | Ea  | Truss, Type E, 60 foot                          |
| 8100487 | Ea  | Truss, Type E, 65 foot                          |
| 8100488 | Ea  | Truss, Type E, 70 foot                          |
| 8100489 | Ea  | Truss, Type E, 75 foot                          |
| 8100490 | Ea  | Truss, Type E, 80 foot                          |
| 8100491 | Ea  | Truss, Type E, 85 foot                          |
| 8100492 | Ea  | Truss, Type E, 90 foot                          |
| 8100493 | Ea  | Truss, Type E, 95 foot                          |
| 8100494 | Ea  | Truss, Type E, 100 foot                         |
| 8100495 | Ea  | Truss, Type E, 105 foot                         |
| 8100496 | Ea  | Truss, Type E, 110 foot                         |
| 8100497 | Ea  | Truss, Type E, 115 foot                         |
| 8100498 | Ea  | Truss, Type E, 120 foot                         |
| 8100499 | Ea  | Truss, Type E, 125 foot                         |
| 8100500 | Ea  | Truss, Type E, 130 foot                         |
| 8100501 | Ea  | Truss, Type E, 135 foot                         |
| 8100502 | Ea  | Truss, Type E, 140 foot                         |
| 8100510 | Ea  | Mast Arm Pole, Cat I                            |
| 8100511 | Ea  | Mast Arm Pole, Cat II                           |
| 8100512 | Ea  | Mast Arm Pole, Cat III                          |
| 8100520 | Ea  | Mast Arm, 20 foot, Cat I                        |
| 8100521 | Ea  | Mast Arm, 25 foot, Cat I                        |
| 8100522 | Ea  | Mast Arm, 30 foot, Cat I                        |
| 8100523 | Ea  | Mast Arm, 35 foot, Cat I                        |
| 8100524 | Ea  | Mast Arm, 40 foot, Cat I                        |
| 8100525 | Ea  | Mast Arm, 45 foot, Cat I                        |
| 8100526 | Ea  | Mast Arm, 50 foot, Cat I                        |
| 8100530 | Ea  | Mast Arm, 20 foot, Cat II                       |
| 8100531 | Ea  | Mast Arm, 25 foot, Cat II                       |
| 8100532 | Ea  | Mast Arm, 30 foot, Cat II                       |
| 8100533 | Ea  | Mast Arm, 35 foot, Cat II                       |
| 8100534 | Ea  | Mast Arm, 40 foot, Cat II                       |
| 8100535 | Ea  | Mast Arm, 45 foot, Cat II                       |
| 8100536 | Ea  | Mast Arm, 50 foot, Cat II                       |
| 8100540 | Ea  | Mast Arm, 20 foot, Cat III                      |
| 8100541 | Ea  | Mast Arm, 25 foot, Cat III                      |
| 8100542 | Ea  | Mast Arm, 30 foot, Cat III                      |
| 8100543 | Ea  | Mast Arm, 35 foot, Cat III                      |
| 8100544 | Ea  | Mast Arm, 40 foot, Cat III                      |
| 8100545 | Ea  | Mast Arm, 45 foot, Cat III                      |
| 8100546 | Ea  | Mast Arm, 50 foot, Cat III                      |
| 8100550 | Ft  | Mast Arm Pole Fdn, 6 Bolt                       |
| 8100580 | Ea  | Bridge Sign Connection, Steel, Modified, Type F |
| 8100590 | Ea  | Retaining Wall Connection, Type E               |
| 8100600 | Ea  | Truss Connection, Hanger Mount                  |
| 8100601 | Ea  | Sign Connection, Wall Mount                     |
| 8130015 | Ft  | Slope Paving Header                             |
| 8130020 | Syd | Slope Paving, Conc                              |
| 8130025 | Syd | Slope Paving, Precast Conc                      |
| 8190008 | Ea  | Cable Pole, TS and Intercn, Disman              |
| 8190009 | Ea  | Cable Pole, TS and Sec, Disman                  |
| 8190010 | Ea  | Cable Pole, TS, Disman                          |
| 8190011 | Ea  | Cable Pole, TS Sec and Intercn, Disman          |
| 8190025 | Ft  | Conduit, DB, 1, 1/2 inch                        |
| 8190026 | Ft  | Conduit, DB, 1, 1 1/4 inch                      |
| 8190027 | Ft  | Conduit, DB, 1, 1 1/2 inch                      |

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|         |    |                                       |
|---------|----|---------------------------------------|
| 8190028 | Ft | Conduit, DB, 1, 2 1/2 inch            |
| 8190029 | Ft | Conduit, DB, 1, 3 inch                |
| 8190030 | Ft | Conduit, DB, 1, 4 inch                |
| 8190031 | Ft | Conduit, DB, 2, 2 1/2 inch            |
| 8190032 | Ft | Conduit, DB, 2, 3 inch                |
| 8190033 | Ft | Conduit, DB, 2, 4 inch                |
| 8190034 | Ft | Conduit, DB, 3, 2 1/2 inch            |
| 8190035 | Ft | Conduit, DB, 3, 3 inch                |
| 8190036 | Ft | Conduit, DB, 3, 4 inch                |
| 8190037 | Ft | Conduit, DB, 4, 5 inch                |
| 8190038 | Ft | Conduit, DB, 4, 3 inch                |
| 8190040 | Ft | Conduit, Directional Bore, 1 inch     |
| 8190041 | Ft | Conduit, Directional Bore, 1 1/2 inch |
| 8190042 | Ft | Conduit, Directional Bore, 2 inch     |
| 8190043 | Ft | Conduit, Directional Bore, 2 1/2 inch |
| 8190044 | Ft | Conduit, Directional Bore, 3 inch     |
| 8190045 | Ft | Conduit, Directional Bore, 3 1/2 inch |
| 8190046 | Ft | Conduit, Directional Bore, 4 inch     |
| 8190047 | Ft | Conduit, Directional Bore, 4 1/2 inch |
| 8190048 | Ft | Conduit, Directional Bore, 5 inch     |
| 8190049 | Ft | Conduit, Directional Bore, 5 1/2 inch |
| 8190050 | Ft | Conduit, Directional Bore, 6 inch     |
| 8190055 | Ft | Conduit, Encased, 1, 2 1/2 inch       |
| 8190056 | Ft | Conduit, Encased, 2, 2 1/2 inch       |
| 8190057 | Ft | Conduit, Encased, 3, 2 1/2 inch       |
| 8190058 | Ft | Conduit, Encased, 1, 3 inch           |
| 8190059 | Ft | Conduit, Encased, 2, 3 inch           |
| 8190060 | Ft | Conduit, Encased, 3, 3 inch           |
| 8190061 | Ft | Conduit, Encased, 4, 3 inch           |
| 8190062 | Ft | Conduit, Encased, 5, 3 inch           |
| 8190063 | Ft | Conduit, Encased, 6, 3 inch           |
| 8190064 | Ft | Conduit, Encased, 7, 3 inch           |
| 8190065 | Ft | Conduit, Encased, 8, 3 inch           |
| 8190066 | Ft | Conduit, Encased, 9, 3 inch           |
| 8190067 | Ft | Conduit, Encased, 10, 3 inch          |
| 8190068 | Ft | Conduit, Encased, 11, 3 inch          |
| 8190069 | Ft | Conduit, Encased, 12, 3 inch          |
| 8190070 | Ft | Conduit, Encased, 1, 4 inch           |
| 8190071 | Ft | Conduit, Encased, 2, 4 inch           |
| 8190072 | Ft | Conduit, Encased, 3, 4 inch           |
| 8190073 | Ft | Conduit, Encased, 4, 4 inch           |
| 8190074 | Ft | Conduit, Encased, 5, 4 inch           |
| 8190075 | Ft | Conduit, Encased, 6, 4 inch           |
| 8190076 | Ft | Conduit, Encased, 7, 4 inch           |
| 8190077 | Ft | Conduit, Encased, 8, 4 inch           |
| 8190078 | Ft | Conduit, Encased, 9, 4 inch           |
| 8190079 | Ft | Conduit, Encased, 10, 4 inch          |
| 8190080 | Ft | Conduit, Encased, 11, 4 inch          |
| 8190081 | Ft | Conduit, Encased, 12, 4 inch          |
| 8190105 | Ft | Conduit, Galv Steel, 1/2 inch         |
| 8190106 | Ft | Conduit, Galv Steel, 1 inch           |
| 8190107 | Ft | Conduit, Galv Steel, 1 1/2 inch       |
| 8190108 | Ft | Conduit, Galv Steel, 2 inch           |
| 8190109 | Ft | Conduit, Galv Steel, 2 1/2 inch       |
| 8190110 | Ft | Conduit, Galv Steel, 3 inch           |
| 8190111 | Ft | Conduit, Galv Steel, 3 1/2 inch       |
| 8190112 | Ft | Conduit, Galv Steel, 4 inch           |

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|         |    |   |
|---------|----|---|
| 8190113 | Ft | Conduit, Galv Steel, 5 inch                       |
| 8190125 | Ft | Conduit, Galv Steel, 1 inch, Structure            |
| 8190126 | Ft | Conduit, Galv Steel, 1 1/2 inch, Structure        |
| 8190127 | Ft | Conduit, Galv Steel, 2 inch, Structure            |
| 8190128 | Ft | Conduit, Galv Steel, 2 1/2 inch, Structure        |
| 8190129 | Ft | Conduit, Galv Steel, 3 inch, Structure            |
| 8190130 | Ft | Conduit, Galv Steel, 3 1/2 inch, Structure        |
| 8190131 | Ft | Conduit, Galv Steel, 4 inch, Structure            |
| 8190132 | Ft | Conduit, Galv Steel, 5 inch, Structure            |
| 8190246 | Ea | Hh, Heavy Duty Cover                              |
| 8190248 | Ea | Hh, Light Duty Cover                              |
| 8190252 | Ea | Hh, Reconst                                       |
| 8190256 | Ea | Hh, Replace Cover                                 |
| 8190258 | Ea | Hh, Replace Frame and Cover                       |
| 8190262 | Ea | Hh, Type D  |
| 8190263 | Ea | Hh, Type S  |
| 8190264 | Ea | Light Std Arm, 2 foot                             |
| 8190265 | Ea | Light Std Arm, 6 foot                             |
| 8190266 | Ea | Light Std Arm, 8 foot                             |
| 8190267 | Ea | Light Std Arm, 10 foot                            |
| 8190268 | Ea | Light Std Arm, 12 foot                            |
| 8190269 | Ea | Light Std Arm, 15 foot                            |
| 8190270 | Ea | Light Std Arm, 17 foot                            |
| 8190271 | Ea | Light Std Arm, 25 foot                            |
| 8190272 | Ea | Light Std Arm, 30 foot                            |
| 8190273 | Ea | Light Std Arm, 35 foot                            |
| 8190274 | Ea | Light Std Arm, 40 foot                            |
| 8190279 | Ea | Light Std Fdn                                     |
| 8190281 | Ea | Light Std, Frangible Transformer Base             |
| 8190285 | Ea | Light Std Shaft, 30 foot or less                  |
| 8190286 | Ea | Light Std Shaft, 31 foot to 40 foot               |
| 8190287 | Ea | Light Std Shaft, 41 foot to 50 foot               |
| 8190290 | Ea | Light Std Shaft, 30 foot or less, Single Arm      |
| 8190291 | Ea | Light Std Shaft, 31 foot to 40 foot, Single Arm   |
| 8190292 | Ea | Light Std Shaft, 41 foot to 50 foot, Single Arm   |
| 8190295 | Ea | Light Std Shaft, 30 foot or less, Double Arm      |
| 8190296 | Ea | Light Std Shaft, 31 foot to 40 foot, Double Arm   |
| 8190297 | Ea | Light Std Shaft, 41 foot to 50 foot, Double Arm   |
| 8190320 | Ea | Light Std Shaft, Square, 10 foot                  |
| 8190321 | Ea | Light Std Shaft, Square, 15 foot                  |
| 8190322 | Ea | Light Std Shaft, Square, 30 foot                  |
| 8190323 | Ea | Light Std Shaft, Square, 16 foot                  |
| 8190330 | Ea | Luminaire   |
| 8190335 | Ea | Luminaire, 100W High Pressure Sodium              |
| 8190336 | Ea | Luminaire, 150W High Pressure Sodium              |
| 8190337 | Ea | Luminaire, 250W High Pressure Sodium              |
| 8190338 | Ea | Luminaire, 400W High Pressure Sodium              |
| 8190340 | Ea | Luminaire, 100W High Pressure Sodium, Rectangular |
| 8190341 | Ea | Luminaire, 150W High Pressure Sodium, Rectangular |
| 8190342 | Ea | Luminaire, 250W High Pressure Sodium, Rectangular |
| 8190343 | Ea | Luminaire, 400W High Pressure Sodium, Rectangular |
| 8190345 | Ea | Luminaire, 250W High Pressure Sodium, Spec        |
| 8190346 | Ea | Luminaire, 400W High Pressure Sodium, Spec        |
| 8190355 | Ea | Luminaire, Relamp High Pressure Sodium            |
| 8190390 | Ft | Cable, Sec, 600V, 1, 2/C#0                        |
| 8190391 | Ft | Cable, Sec, 600V, 1, 3/C#0                        |
| 8190392 | Ft | Cable, Sec, 600V, 1, 2/C#2                        |

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|         |    |   |
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| 8190393 | Ft | Cable, Sec, 600V, 1, 3/C#2                      |
| 8190394 | Ft | Cable, Sec, 600V, 1, 2/C#4                      |
| 8190395 | Ft | Cable, Sec, 600V, 1, 3/C#4                      |
| 8190396 | Ft | Cable, Sec, 600V, 1, 2/C#6                      |
| 8190397 | Ft | Cable, Sec, 600V, 1, 2/C#10                     |
| 8190399 | Ft | Cable, Sec, 600V, 1, 3/C#6                      |
| 8190400 | Ft | Cable, Sec, 600V, 2, 1/C#0                      |
| 8190401 | Ft | Cable, Sec, 600V, 3, 1/C#0                      |
| 8190402 | Ft | Cable, Sec, 600V, 2, 1/C#2                      |
| 8190403 | Ft | Cable, Sec, 600V, 3, 1/C#2                      |
| 8190404 | Ft | Cable, Sec, 600V, 2, 1/C#4                      |
| 8190405 | Ft | Cable, Sec, 600V, 3, 1/C#4                      |
| 8190406 | Ft | Cable, Sec, 600V, 2, 1/C#6                      |
| 8190407 | Ft | Cable, Sec, 600V, 3, 1/C#6                      |
| 8190410 | Ft | Cable, Sec, 2Kv, 2, 1/C#2                       |
| 8190411 | Ft | Cable, Sec, 2Kv, 2, 1/C#4                       |
| 8190412 | Ft | Cable, Sec, 2Kv, 3, 1/C#4                       |
| 8190413 | Ft | Cable, Sec, 2Kv, 2, 1/C#6                       |
| 8190414 | Ft | Cable, Sec, 2Kv, 3, 1/C#6                       |
| 8190418 | Ft | Cable, Sec, Triplex, 1, 3/C#4                   |
| 8190430 | Ft | Cable, St Ltg, 2Kv, 2, 1/C#6 & 1, #6 Neutral    |
| 8190431 | Ft | Cable, St Ltg, 2Kv, 2, 1/C#6                    |
| 8190432 | Ft | Cable, St Ltg, 2Kv, 1, 1/C#6 & 1, #6 Neutral    |
| 8190433 | Ft | Cable, St Ltg, 2Kv, 1, 1/C#2 & 1, #2 Neutral    |
| 8190434 | Ft | Cable, St Ltg, 2Kv, 2, 1/C#2 & 1, #2 Neutral    |
| 8190435 | Ft | Cable, St Ltg, 2Kv, 3, 1/C#2 & 1, #2 Neutral    |
| 8190445 | Ea | Tower Ltg Unit, 80 foot 4 Luminaire             |
| 8190446 | Ea | Tower Ltg Unit, 100 foot 6 Luminaire            |
| 8190447 | Ea | Tower Ltg Unit, 100 foot 8 Luminaire            |
| 8190448 | Ea | Tower Ltg Unit, 125 foot 8 Luminaire            |
| 8190450 | Ft | Tower Ltg Unit, Fdn Cased                       |
| 8190455 | Ft | Tower Ltg Unit, Fdn Uncased                     |
| 8190521 | Ea | Bracket Arm, Clamp On, 6 Foot, with 3 Foot Rise |
| 8200001 | Ea | Anchor Guy                                      |
| 8200002 | Ea | Pole Guy  |
| 8200140 | Ea | Span Wire                                       |
| 8200150 | Ft | Strain Pole Fdn, Cased                          |
| 8200151 | Ft | Strain Pole Fdn, Uncased                        |
| 8200152 | Ft | Strain Pole Fdn                                 |
| 8200155 | Ea | Strain Pole, Steel, Anchor Base, 30 foot        |
| 8200157 | Ea | Strain Pole, Steel, Anchor Base, 36 foot        |
| 8200159 | Ea | Strain Pole, Steel, Anchor Base, 40 foot        |
| 8200165 | Ea | Strain Pole, Steel, Anchor Fdn                  |
| 8200168 | Ea | Strut Guy                                       |
| 8200374 | Ea | Bracket, Truss, With 6 Foot Arm                 |
| 8200375 | Ea | Bracket, Truss, With 9 Foot Arm                 |
| 8200376 | Ea | Bracket, Truss, With 12 Foot Arm                |
| 8200377 | Ea | Bracket, Truss, With 15 Foot Arm                |
| 8200378 | Ea | Bracket, Truss, With 18 Foot Arm                |
| 8200379 | Ea | Bracket, Truss, With 4 Foot Arm                 |
| 8200382 | Ea | Bracket, Truss, With 1.5 Foot Arm               |
| 8200460 | Ea | Strain Pole, Steel, 6 bolt, 30 foot             |
| 8200461 | Ea | Strain Pole, Steel, 6 bolt, 36 foot             |
| 8200462 | Ea | Strain Pole, Steel, 6 bolt, 40 foot             |
| 8200470 | Ft | Strain Pole Fdn, 6 Bolt                         |
| 8200480 | Ft | Casing  |
| 8210001 | Ea | Monument Box                                    |

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|         |    |                                   |
|---------|----|-----------------------------------|
| 8230040 | Ea | Fire Hydrant                      |
| 8230050 | Ea | Gate Valve and Box, 4 inch        |
| 8230051 | Ea | Gate Valve and Box, 6 inch        |
| 8230052 | Ea | Gate Valve and Box, 8 inch        |
| 8230053 | Ea | Gate Valve and Box, 10 inch       |
| 8230054 | Ea | Gate Valve and Box, 12 inch       |
| 8230055 | Ea | Gate Valve and Box, 16 inch       |
| 8230056 | Ea | Gate Valve and Box, 24 inch       |
| 8230060 | Ea | Gate Valve, 4 inch                |
| 8230061 | Ea | Gate Valve, 6 inch                |
| 8230062 | Ea | Gate Valve, 8 inch                |
| 8230063 | Ea | Gate Valve, 10 inch               |
| 8230064 | Ea | Gate Valve, 12 inch               |
| 8230065 | Ea | Gate Valve, 16 inch               |
| 8230067 | Ea | Gate Valve, 24 inch               |
| 8230130 | Ea | Water Main, 4 inch, Cut and Plug  |
| 8230131 | Ea | Water Main, 6 inch, Cut and Plug  |
| 8230132 | Ea | Water Main, 8 inch, Cut and Plug  |
| 8230133 | Ea | Water Main, 10 inch, Cut and Plug |
| 8230134 | Ea | Water Main, 12 inch, Cut and Plug |
| 8230135 | Ea | Water Main, 16 inch, Cut and Plug |
| 8230137 | Ea | Water Main, 24 inch, Cut and Plug |
| 8230150 | Ft | Water Main, DI, 6 inch, Tr Det F  |
| 8230151 | Ft | Water Main, DI, 6 inch, Tr Det G  |
| 8230155 | Ft | Water Main, DI, 8 inch, Tr Det F  |
| 8230156 | Ft | Water Main, DI, 8 inch, Tr Det G  |
| 8230160 | Ft | Water Main, DI, 10 inch, Tr Det F |
| 8230161 | Ft | Water Main, DI, 10 inch, Tr Det G |
| 8230165 | Ft | Water Main, DI, 12 inch, Tr Det F |
| 8230166 | Ft | Water Main, DI, 12 inch, Tr Det G |
| 8230170 | Ft | Water Main, DI, 16 inch, Tr Det F |
| 8230171 | Ft | Water Main, DI, 16 inch, Tr Det G |
| 8230180 | Ft | Water Main, DI, 24 inch, Tr Det F |
| 8230181 | Ft | Water Main, DI, 24 inch, Tr Det G |
| 8230260 | Ea | Live Tap 6 inch x 8 inch          |
| 8230261 | Ea | Live Tap 6 inch x 12 inch         |
| 8230262 | Ea | Live Tap 6 inch x 16 inch         |
| 8230263 | Ea | Live Tap 6 inch x 24 inch         |
| 8230264 | Ea | Live Tap 8 inch x 12 inch         |
| 8230265 | Ea | Live Tap 8 inch x 16 inch         |
| 8230266 | Ea | Live Tap 8 inch x 24 inch         |
| 8230267 | Ea | Live Tap 12 inch x 16 inch        |
| 8230268 | Ea | Live Tap 12 inch x 24 inch        |
| 8230269 | Ea | Live Tap 16 inch x 24 inch        |
| 8230401 | Ea | Water Shutoff, Reconst, Case 1    |
| 8230402 | Ea | Water Shutoff, Reconst, Case 2    |
| 8230411 | Ea | Gate Box, Reconst, Case 1         |
| 8230412 | Ea | Gate Box, Reconst, Case 2         |