

1. Material meeting the definition for a Manufactured Product in the Contract containing steel or iron will require a Buy America CMO - DOT Form 350-109, and will be shown on this spreadsheet in the Steel or Iron column.
2. Manufactured Products not containing steel or iron are covered under a nationwide waiver and do not require certification.
3. Material shown in this column will require certification using DOT Form 350-110 or DOT Form 350-111 (form number will be specified in the Contract).
4. Material shown in this column will require certification using DOT Form 350-109 for steel or iron permanently placed.

| Exempt                    | Build America Buy America (BABA) Materials   |   | Buy America Materials      | Comments |
|---------------------------|--|---|----------------------------|----------|
|                           | Manufactured Product <sup>1,2</sup>  | Construction Material <sup>3</sup>                                  | Steel or Iron <sup>4</sup> |          |
| 9-01 Cement               |  |   |                            |          |
| 9-02 Bituminous Materials |  |   |                            |          |
| 9-03 Aggregate            |  |   |                            |          |
|                           | 9-04 Joint Sealing Materials   |   |                            |          |
|                           | 9-04.1(1) Asphalt Filler for Contraction and Longitudinal Joints in Concrete Pavements |   |                            |          |
|                           | 9-04.1(2) Premolded Joint Filler for Expansion Joints                                  |   |                            |          |
|                           | 9-04.2 Joint Sealants  |   |                            |          |
|                           | 9-04.2(1) Hot Poured Joint Sealants  |   |                            |          |
|                           | 9-04.2(1)A1 Hot Poured Sealant for Cement Concrete Pavement                            |   |                            |          |
|                           | 9-04.2(1)A2 Hot Poured Sealant for Bituminous Pavement                                 |   |                            |          |
|                           | 9-04.2(1)B Sand Slurry for Bituminous Pavement   |   |                            |          |
|                           | 9-04.2(1)C Polymer Modified Asphalt Mastic   |   |                            |          |
|                           | 9-04.2(2) Poured Rubber Joint Sealer   |   |                            |          |
|                           | 9-04.2(3) Single-Component Polyurethane Sealant  |   |                            |          |
|                           |  | 9-04.2(3)A Closed Cell Foam Backer Rod                              |                            |          |
|                           | 9-04.3 Joint Mortar  |   |                            |          |
|                           |  | 9-04.4 Pipe Joint Gaskets   |                            |          |
|                           |  | 9-04.4(1) Rubber Gaskets for Concrete Pipes and Precast Manholes    |                            |          |
|                           |  | 9-04.4(3) Gaskets for Aluminum or Steel Culvert or Storm Sewer Pipe |                            |          |
|                           |  | 9-04.4(4) Rubber Gaskets for Aluminum or Steel Drain Pipe           |                            |          |

|        | Build America Buy America (BABA) Materials |   | Buy America Materials  |  |
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|        |  | 9-04.5 Flexible Plastic Gaskets   |  |  |
|        |  | 9-04.6 Expanded Polystyrene   |  |  |
|        |  | 9-04.7 Expanded Rubber  |  |  |
|        |  | 9-04.8 Flexible Elastomeric Seals   |  |  |
|        |  | 9-04.9 Solvent Cements  |  |  |
|        |  | 9-04.10 Butyl Rubber and Nitrile Rubber   |  |  |
|        |  | 9-04.11 Butyl Rubber Sealant  |  |  |
|        |  | 9-04.12 External Sealing Band   |  |  |
|        | 9-05.1(1) Concrete Drain Pipe              |   |  |  |
|        |  |   | 9-05.1(2) Zinc Coated or Aluminum Coated Corrugated Iron or Steel Drain Pipe |  |
|        |  |   | 9-05.1(2)A Coupling Bands  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  | 9-05.1(3) Corrugated Aluminum Alloy Drain Pipe  |  |  |
|        |  |   | 9-05.1(2)A Coupling Bands  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  | 9-05.1(5) PVC Drain Pipe, Couplings, and Fittings   |  |  |
|        |  | 9-05.1(6) Corrugated Polyethylene Drain Pipe, Couplings, and Fittings (Up to 10 inch)           |  |  |
|        |  | 9-05.1(7) Corrugated Polyethylene Drain Pipe, Couplings, and Fittings (12 inch Through 60 inch) |  |  |

|        | Build America Buy America (BABA) Materials    |  | Buy America Materials   |  |
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| Exempt | Manufactured Product <sup>1,2</sup>           | Construction Material <sup>3</sup>   | Steel or Iron <sup>4</sup>  | Comments   |
|        | 9-05.2(2) Perforated Concrete Underdrain Pipe |  |   |  |
|        |   |  | 9-05.2(4) Zinc Coated (Galvanized) or Aluminum Coated (Aluminized) Corrugated |  |
|        |   |  | 9-05.2(4)A Coupling Bands   | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |   | 9-05.2(5) Perforated Corrugated Aluminum Alloy Underdrain Pipe   |   |  |
|        |   | 9-05.2(5)A Coupling Bands  |   |  |
|        |   | 9-05.2(6) Perforated PVC Underdrain Pipe   |   |  |
|        |   | 9-05.2(7) Perforated Corrugated Polyethylene Underdrain Pipe (Up to 10 inch)   |   |  |
|        |   | 9-05.2(8) Perforated Corrugated Polyethylene Underdrain Pipe (12-Inch Through 60 Inch Diameter Maximum), Couplings, and Fittings |   |  |
|        |   |  |   |  |
|        |   |  | 9-05.3 Concrete Culvert Pipe  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        | 9-05.3(1) Plain Concrete Culvert Pipe         |  |   |  |
|        | 9-05.3(1)A End Design and Joints              |  |   |  |
|        |   |  | 9-05.3(2) Reinforced Concrete Culvert Pipe                                    |  |
|        | 9-05.3(2)A End Design and Joints              |  |   |  |

|  | Build America Buy America (BABA) Materials |  | Buy America Materials                           |  |
|--|--|--|---|--|
| Exempt                                       | Manufactured Product <sup>1,2</sup>        | Construction Material <sup>3</sup>             | Steel or Iron <sup>4</sup>                      | Comments   |
|  |  |  | 9-05.3(2)D Elliptical Reinforcement             | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  | 9-05.3(3) Beveled Concrete End Sections    |  |   |  |
|  |  |  | 9-05.4 Steel Culvert Pipe and Pipe Arch         |  |
| 9-05.4(3) Protective Treatment               |  |  |   |  |
| 9-05.4(4) Asphalt Coatings and Paved Inverts |  |  |   |  |
|  |  | 9-05.4(5) Polymer Protective Coating           |   |  |
| 9-05.4(6) Spun Asphalt Lining                |  |  |   |  |
|  |  | 9-05.4(7) Coupling Bands                       | 9-05.4(7) Coupling Bands                        | Category will depend on material used. Buy America CMO - DOT Form 350-109 - is required for any steel or iron permanently placed.  |
|  |  |  | 9-05.4(8) Steel Nestable Pipe                   |  |
|  |  |  | 9-05.4(9) Steel End Sections                    |  |
|  |  | 9-05.4(9)C Toe Plate Extensions                | 9-05.4(9)C Toe Plate Extensions                 |  |
|  |  | 9-05.5 Aluminum Culvert Pipe                   |   |  |
|  |  | 9-05.5(5) Coupling Bands                       | 9-05.5(5) Coupling Bands                        | Category will depend on material used. Buy America CMO - DOT Form 350-109 - is required for any steel or iron permanently placed.  |
|  |  | 9-05.5(6) Aluminum End Sections                |   |  |
|  |  |  | 9-05.6 Structural Plate Pipes, Arches and Boxes |  |
|  |  |  | 9-05.6(1) Steel Structural Plate Structures     |  |
|  |  | 9-05.6(2) Aluminum Structural Plate Structures |   |  |
|  | 9-05.7(1) Plain Concrete Storm Sewer Pipe  |  |   |  |

| Build America Buy America (BABA) Materials |  | Buy America Materials   |  |  |
|--|--|---|--|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup>        | Construction Material <sup>3</sup>  | Steel or Iron <sup>4</sup>                     | Comments   |
|  |  |   | 9-05.7(2) Reinforced Concrete Storm Sewer Pipe | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  | 9-05.7(3) Concrete Storm Sewer Pipe Joints |   |  |  |
|  |  | 9-05.8 Vitrified Clay Sewer Pipe  |  |  |
|  |  |   | 9-05.9 Steel Spiral Rib Storm Sewer Pipe       |  |
|  |  |   | 9-05.9(1) Continuous Lock Seam Pipe            |  |
|  |  | 9-05.9(3) Coupling Bands  | 9-05.9(3) Coupling Bands                       | Category will depend on material used. Buy America CMO - DOT Form 350-109 - is required for any steel or iron permanently placed.  |
|  |  |   | 9-05.10 Steel Storm Sewer Pipe                 |  |
|  |  | 9-05.10(1) Coupling Bands   | 9-05.10(1) Coupling Bands                      | Category will depend on material used. Buy America CMO - DOT Form 350-109 - is required for any steel or iron permanently placed.  |
|  |  | 9-05.11 Aluminum Storm Sewer Pipe   |  |  |
|  |  | 9-05.11(1) Coupling Bands   |  |  |
|  |  | 9-05.12 Polyvinyl Chloride (PVC) Pipe   |  |  |
|  |  | 9-05.12(1) Solid Wall PVC Culvert Pipe, Solid Wall PVC Storm Sewer Pipe, and Solid Wall PVC Sanitary Sewer Pipe       |  |  |
|  |  | 9-05.12(2) Profile Wall PVC Culvert Pipe, Profile Wall PVC Storm Sewer Pipe, and Profile Wall PVC Sanitary Sewer Pipe |  |  |
|  |  |   | 9-05.13 Ductile Iron Sewer Pipe                |  |
|  |  | 9-05.14 ABS Composite Sewer Pipe  |  |  |
|  |  |   | 9-05.15 Metal Castings                         |  |
|  |  |   | 9-05.15(1) Manhole Ring and Cover              |  |

| Build America Buy America (BABA) Materials |                                     | Buy America Materials   |   |  |
|--|-------------------------------------|---|---|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup> | Construction Material <sup>3</sup>  | Steel or Iron <sup>4</sup>  | Comments   |
|  |                                     |   | 9-05.15(2) Metal Frame, Grate, and Solid Metal Cover for Catch Basins or Inlets |  |
|  |                                     |   | 9-05.15(3) Cast Metal Inlets  |  |
|  |                                     |   | 9-05.16 Grate Inlets and Drop Inlets  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     | 9-05.17 Aluminum Spiral Rib Storm Sewer Pipe  |   |  |
|  |                                     | 9-05.17(1) Continuous Lock Seam Pipe  |   |  |
|  |                                     | 9-05.17(2) Coupling Bands   |   |  |
|  |                                     |   | 9-05.18 Safety Bars for Culvert Pipe  |  |
|  |                                     | 9-05.19 Corrugated Polyethylene Culvert Pipe, Couplings, and Fittings                                     |   |  |
|  |                                     | 9-05.20 Corrugated Polyethylene Storm Sewer Pipe, Couplings, and Fittings                                 |   |  |
|  |                                     |   | 9-05.21 Steel Rib Reinforced Polyethylene Culvert Pipe                          | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |   | 9-05.22 Steel Rib Reinforced Polyethylene Storm Sewer Pipe                      | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     | 9-05.23 High-Density Polyethylene (HDPE) Pipe   |   |  |
|  |                                     | 9-05.24 Polypropylene Culvert Pipe, Polypropylene Storm Sewer Pipe, and Polypropylene Sanitary Sewer Pipe |   |  |

| Build America Buy America (BABA) Materials |  | Buy America Materials                                      |  |  |
|--|--|--|--|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup>                  | Construction Material <sup>3</sup>                         | Steel or Iron <sup>4</sup>                   | Comments   |
|  |  | 9-05.24(1) Polypropylene Culvert Pipe and Storm Sewer Pipe |  |  |
|  |  | 9-05.24(2) Polypropylene Sanitary Sewer Pipe               |  |  |
|  |  |  | 9-05.50 Precast Concrete Drainage Structures | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |  | 9-05.50(2) Manholes                          | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |  | 9-05.50(3) Precast Concrete Catch Basins     | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |  | 9-05.50(4) Precast Concrete Inlets           | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |  | 9-05.50(5) Precast Concrete Drywells         | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  | 9-05.50(9) Synthetic Micro Fibers for Precast Units  |  |  |  |
|  | 9-05.50(10) Synthetic Macro Fibers for Precast Units |  |  |  |

| Exempt | Build America Buy America (BABA) Materials                  |                                    | Buy America Materials  | Comments  |
|--------|---|------------------------------------|--|---|
|        | Manufactured Product <sup>1,2</sup>                         | Construction Material <sup>3</sup> | Steel or Iron <sup>4</sup>                                       |   |
|        |   |                                    | 9-06 Structural Steel and Related Materials                      |   |
|        |   |                                    | 9-06.5(1) Unfinished Bolts                                       |   |
|        |   |                                    | 9-06.5(3) High-Strength Bolts                                    |   |
|        |   |                                    | 9-06.5(4) Anchor Bolts and Anchor Rods                           |   |
|        |   |                                    | 9-06.8 Steel Castings  |   |
|        |   |                                    | 9-06.9 Gray Iron Castings  |   |
|        |   |                                    | 9-06.10 Malleable Iron Castings                                  |   |
|        |   |                                    | 9-06.11 Steel Forgings and Steel Shafting                        |   |
|        |   | 9-06.12 Bronze Castings            |  |   |
|        |   |                                    | 9-06.14 Ductile Iron Castings                                    |   |
|        |   |                                    | 9-06.15 Welded Shear Connectors                                  |   |
|        |   |                                    | 9-06.16 Roadside Sign Structures                                 |   |
|        |   |                                    | 9-06.17 Noise Barrier Wall Access Door                           |   |
|        |   | 9-06.18 Metal Bridge Railing       | 9-06.18 Metal Bridge Railing                                     | Category will depend on material used. Buy America CMO - DOT Form 350-109 - is required for any steel or iron permanently placed. |
|        |   |                                    | 9-06.19 Strip Seal and Modular Expansion Joint System Components |   |
|        |   |                                    | 9-06.22 Bolts, Washers, and Other Hardware                       |   |
|        |   |                                    | 9-07 Reinforcing Steel   |   |
|        |   |                                    | 9-07.4 Plain Steel Bars  |   |
|        |   |                                    | 9-07.5 Dowel Bars (for Cement Concrete Pavement)                 |   |
|        |   |                                    | 9-07.7 Welded Wire Reinforcement                                 |   |
|        |   |                                    | 9-07.8 Deformed Wire   |   |
|        |   |                                    | 9-07.9 Cold Drawn Wire   |   |
|        |   |                                    | 9-07.10 Prestressing Reinforcement Strand                        |   |
|        |   |                                    | 9-07.11 Prestressing Reinforcement Bar                           |   |
|        | 9-08 Paints and Related Materials                           |                                    |  |   |
|        | 9-08.1(2)A Vinyl Pretreatment                               |                                    |  |   |
|        | 9-08.1(2)B Galvanizing Repair Paint, High Zinc Dust Content |                                    |  |   |



|        | Build America Buy America (BABA) Materials   |                                      | Buy America Materials      |          |
|--------|--|--------------------------------------|----------------------------|----------|
| Exempt | Manufactured Product <sup>1,2</sup>  | Construction Material <sup>3</sup>   | Steel or Iron <sup>4</sup> | Comments |
|        | 9-08.1(2)C Inorganic Zinc-Rich Primer, Shop Applied  |                                      |                            |          |
|        | 9-08.1(2)D Vacant  |                                      |                            |          |
|        | 9-08.1(2)E Epoxy Polyamide   |                                      |                            |          |
|        | 9-08.1(2)F Primer, Zinc-Rich, Single-Component, Moisture-Cured Polyurethane, Field Applied |                                      |                            |          |
|        | 9-08.1(2)G Intermediate and Stripe Coat, Single Component, Moisture-Cured Polyurethane     |                                      |                            |          |
|        | 9-08.1(2)H Top Coat, Single-Component, Moisture-Cured Polyurethane                         |                                      |                            |          |
|        | 9-08.1(2)I Rust-Penetrating Sealer   |                                      |                            |          |
|        | 9-08.1(2)J Black Enamel  |                                      |                            |          |
|        | 9-08.1(2)K Orange Equipment Enamel   |                                      |                            |          |
|        | 9-08.1(2)L Exterior Acrylic Latex Paint-White  |                                      |                            |          |
|        | 9-08.2 Powder Coating Materials for Coating Galvanized Surfaces                            |                                      |                            |          |
|        | 9-08.3(1) Pigmented Sealer Materials   |                                      |                            |          |
|        | 9-08.3(2)A Retardant Coating   |                                      |                            |          |
|        | 9-08.3(2)B Clear Sealer  |                                      |                            |          |
|        | 9-08.3(3) Permeon Treatment  |                                      |                            |          |
|        | 9-08.4 Abrasive Blast Materials  |                                      |                            |          |
|        | 9-08.5 Surface Cleaning Materials  |                                      |                            |          |
|        |  | 9-08.6 Filter Fabric                 |                            |          |
|        | 9-08.7 Single-Component Polyurethane Sealant   |                                      |                            |          |
|        | 9-08.8 Foam Backer Rod   |                                      |                            |          |
|        |  | 9-09 Timber and Lumber               |                            |          |
|        |  | 9-09.2(1) Structures                 |                            |          |
|        |  | 9-09.2(2) Guardrail Posts and Blocks |                            |          |

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| Exempt   | Manufactured Product <sup>1,2</sup>        | Construction Material <sup>3</sup>                                  | Steel or Iron <sup>4</sup>                                 | Comments   |
|  |  | 9-09.2(3) Signposts, Mileposts, Sawn Fence Posts, and Mailbox Posts |  |  |
|  |  | 9-09.3 Preservative Treatment                                       |  |  |
|  |  | 9-09.3(1) General Requirements                                      |  |  |
|  |  | 9-10.1 Timber Piling  |  |  |
|  |  | 9-10.1(1) Untreated Piling  |  |  |
|  |  | 9-10.1(2) Creosote Treated Piling                                   |  |  |
|  |  | 9-10.1(3) Timber Composite Piling                                   |  |  |
|  |  |   |  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |   | 9-10.2 Concrete Piling                                     |  |
|  |  |   | 9-10.2(2) Reinforcement                                    |  |
|  |  |   | 9-10.3 Cast-In-Place Concrete Piling (reinforcement Steel) |  |
|  |  |   | 9-10.4 Steel Pile Tips and Shoes                           |  |
|  |  |   | 9-10.5 Steel Piling  |  |
|  | 9-11 Waterproof Membrane                   |   |  |  |
| 9-12 Masonry Units   |  |   |  |  |
| 9-12.1 Concrete Blocks   |  |   |  |  |
| 9-12.2 Concrete Brick  |  |   |  |  |
| 9-13 Riprap, Quarry Spalls, Slope Protection, and Rock for Erosion and Scour Protection and Rock Walls |  |   |  |  |
| 9-13.5(3) Pneumatically Placed Portland Cement or Blended Hydraulic Cement Concrete Slope Protection   |  |   |  |  |
| 9-14 Erosion Control and Roadside Planting   |  |   |  |  |
|  | 9-14.4 Fertilizer                          |   |  |  |
| 9-14.2(1) Topsoil Type A   |  |   |  |  |
| 9-14.2(2) Topsoil Type B   |  |   |  |  |

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|                                   | Manufactured Product <sup>1,2</sup>  | Construction Material <sup>3</sup> | Steel or Iron <sup>4</sup> |          |
| 9-14.2(3) Topsoil Type C          |  |                                    |                            |          |
|                                   | 9-14.3 Seed  |                                    |                            |          |
|                                   | 9-14.4 Fertilizer  |                                    |                            |          |
|                                   | 9-14.5(1) Straw  |                                    |                            |          |
|                                   | 9-14.5(2) Hydraulically Applied Erosion Control Products (HECPs)                   |                                    |                            |          |
|                                   | 9-14.5(2)A Long-Term Mulch   |                                    |                            |          |
|                                   | 9-14.5(2)B Moderate-Term Mulch   |                                    |                            |          |
|                                   | 9-14.5(2)C Short-Term Mulch  |                                    |                            |          |
|                                   |  | 9-14.5(3) Bark or Wood Chip Mulch  |                            |          |
|                                   |  | 9-14.5(4) Wood Strand Mulch        |                            |          |
|                                   | 9-14.5(5) Agricultural Grade Dolomite Lime   |                                    |                            |          |
|                                   | 9-14.5(6) Agricultural Grade Gypsum  |                                    |                            |          |
|                                   | 9-14.5(7)A Organic Tackifier   |                                    |                            |          |
|                                   | 9-14.5(7)B Synthetic Tackifier   |                                    |                            |          |
|                                   | 9-14.5(8) Compost  |                                    |                            |          |
|                                   | 9-14.5(9) Horticultural Grade Perlite  |                                    |                            |          |
|                                   | 9-14.6(1) Polyacrylamide (PAM)   |                                    |                            |          |
|                                   | 9-14.6(2) Biodegradable Erosion Control Blanket                                    |                                    |                            |          |
|                                   | 9-14.6(2)A Biodegradable Erosion Control Blanket for Slopes Steeper than 3:1 (H:V) |                                    |                            |          |
|                                   | 9-14.6(2)B Biodegradable Erosion Control Blanket for Slopes Flatter than 3:1 (H:V) |                                    |                            |          |
|                                   | 9-14.6(2)C Biodegradable Erosion Control Blanket for Ditches                       |                                    |                            |          |
| 9-14.6(3) Plastic Covering        |  |                                    |                            |          |
|                                   | 9-14.6(4)A Biodegradable Check Dams  |                                    |                            |          |
|                                   | 9-14.6(4)B Non-biodegradable Check Dams  |                                    |                            |          |
|                                   | 9-14.6(5) Wattles  |                                    |                            |          |
|                                   | 9-14.6(6) Compost Socks  |                                    |                            |          |
|                                   | 9-14.6(7) Coir Log   |                                    |                            |          |
| 9-14.6(8) High Visibility Fencing |  |                                    |                            |          |

|                                      | Build America Buy America (BABA) Materials                 |  | Buy America Materials                  |  |
|--------------------------------------|--|--|--|--|
| Exempt                               | Manufactured Product <sup>1,2</sup>                        | Construction Material <sup>3</sup>             | Steel or Iron <sup>4</sup>             | Comments   |
| 9-14.6(9) High Visibility Silt Fence |  |  |  |  |
|                                      | 9-14.7 Plant Materials                                     |  |  |  |
|                                      | 9-14.7(4) Sod  |  |  |  |
|                                      | 9-14.8 Stakes, Guys, and Wrapping                          |  |  |  |
|                                      |  |  | 9-15.1(1) Galvanized Pipe and Fittings |  |
|                                      |  | 9-15.1(2) Polyvinyl Chloride Pipe and Fittings |  |  |
|                                      |  | 9-15.1(3) Polyethylene Pipe                    |  |  |
|                                      |  | 9-15.2 Drip Tubing                             |  |  |
|                                      | 9-15.3 Automatic Controllers                               |  |  |  |
|                                      | 9-15.4 Irrigation Heads                                    |  |  |  |
|                                      | 9-15.5 Valve Boxes   |  |  |  |
|                                      | 9-15.6 Gate Valves   |  |  |  |
|                                      | 9-15.7 Control Valves                                      |  |  |  |
|                                      | 9-15.7(1) Manual Control Valves                            |  |  |  |
|                                      | 9-15.7(2) Automatic Control Valves                         |  |  |  |
|                                      | 9-15.7(3) Automatic Control Valves With Pressure Regulator |  |  |  |
|                                      |  | 9-15.8 Quick Coupling Equipment                |  |  |
|                                      |  | 9-15.9 Drain Valves                            | 9-15.9 Drain Valves                    | Category will depend on material used. Buy America CMO - DOT Form 350-109 - is required for any steel or iron permanently placed.  |
|                                      |  | 9-15.10 Hose Bibs                              |  |  |
|                                      | 9-15.11 Cross Connection Control Devices                   |  |  |  |
|                                      | 9-15.12 Check Valves                                       |  |  |  |
|                                      |  |  | 9-15.13 Pressure Regulating Valves     | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |

| Build America Buy America (BABA) Materials |                                     | Buy America Materials                  |   | Comments   |
|--|-------------------------------------|--|---|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup> | Construction Material <sup>3</sup>     | Steel or Iron <sup>4</sup>                    |  |
|  |                                     |  | 9-15.14 Three-Way Valves                      | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |  | 9-15.15 Flow Control Valves                   | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  | 9-15.16 Air Relief Valve            |  |   |  |
|  | 9-15.17 Electrical Wire and Splices |  |   |  |
|  | 9-15.18 Detectable Marking Tape     |  |   |  |
|  |                                     |  | 9-15.19 Wye Strainers                         | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |  | 9-16.1 Chain Link Fence and Gates             |  |
|  |                                     |  | 9-16.1(1)A Post Material for Chain Link Fence |  |
|  |                                     |  | 9-16.1(1)B Chain Link Fence Fabric            |  |
|  |                                     |  | 9-16.1(1)C Tension Wire                       |  |
|  |                                     |  | 9-16.1(1)D Fittings and Hardware              |  |
|  |                                     |  | 9-16.1(1)E Chain Link Gates                   |  |
| 9-16.1(1)F Concrete                        |                                     |  | 9-16.2 Wire Fence and Gates                   |  |
|  |                                     |  | 9-16.2(1)A Steel Post Material                |  |
|  |                                     | 9-16.2(1)B Wood Fence Posts and Braces |   |  |
|  |                                     |  | 9-16.2(1)C Brace Wire                         |  |
|  |                                     |  | 9-16.2(1)D Staples and Wire Clamps            |  |
|  |                                     |  | 9-16.2(1)E Barbed Wire                        |  |
|  |                                     |  | 9-16.2(1)F Wire Mesh                          |  |
|  |                                     |  | 9-16.2(1)G Vertical Cinch Stays               |  |
|  |                                     |  | 9-16.2(1)H Miscellaneous Hardware             |  |
|  |                                     |  | 9-16.2(1)I Wire Gates                         |  |

|  | Build America Buy America (BABA) Materials |   | Buy America Materials                             |   |
|--|--|---|---|---|
| Exempt   | Manufactured Product <sup>1,2</sup>        | Construction Material <sup>3</sup>                | Steel or Iron <sup>4</sup>                        | Comments  |
| 9-16.2(1) Concrete                                 |  |   | 9-16.3 Beam Guardrail                             |   |
|  |  |   | 9-16.3(1) Rail Element                            |   |
|  |  | 9-16.3(2) Posts and Blocks                        | 9-16.3(2) Posts and Blocks                        | Category will depend on material used. Buy America CMO - DOT Form 350-109 - is required for any steel or iron permanently placed. |
|  | 9-16.3(3) Galvanizing                      |   | 9-16.3(4) Hardware                                |   |
|  |  |   | 9-16.3(5) Anchors                                 |   |
|  |  |   | 9-16.4 Wire Mesh Slope Protection                 |   |
|  |  |   | 9-16.4(2) Wire Mesh                               |   |
|  |  |   | 9-16.4(3) Wire Rope                               |   |
|  |  |   | 9-16.4(4) Hardware                                |   |
|  |  |   | 9-16.4(5) Fasteners and Lacing Wire               |   |
|  |  |   | 9-16.4(6) Ground Anchors                          |   |
|  |  |   | 9-16.6 Glare Screen                               |   |
|  |  | 9-16.6(2) Glare Screen Fabric                     | 9-16.6(2) Glare Screen Fabric                     | Category will depend on material used. Buy America CMO - DOT Form 350-109 - is required for any steel or iron permanently placed. |
|  |  |   | 9-16.6(3) Posts                                   |   |
|  |  |   | 9-16.6(4) Tension Wire                            |   |
|  |  |   | 9-16.6(6) Tension Wire Attachments                |   |
|  |  | 9-16.6(7)A Wood Slats                             |   |   |
|  |  | 9-16.6(7)B Plastic Slats                          |   |   |
|  |  |   | 9-16.6(8) Fittings                                |   |
|  |  |   | 9-16.6(9) Fabric Bands and Stretcher Bars         |   |
|  |  |   | 9-16.6(10) Tie Wire and Hog Rings                 |   |
|  | 9-17 Flexible Guide Posts                  |   |   |   |
|  | 9-17.1(2) Reflective Sheeting              |   |   |   |
|  |  | 9-19.1 Surface Applied Detectable Warning Surface | 9-19.1 Surface Applied Detectable Warning Surface | Category will depend on material used. Buy America CMO - DOT Form 350-109 - is required for any steel or iron permanently placed. |
| 9-20 Concrete Patching Material, Grout, and Mortar |  |   |   |   |
|  | 9-21 Raised Pavement Markers (RPM)         |   |   |   |

|                 | Build America Buy America (BABA) Materials                     |                                    | Buy America Materials   |  |
|-----------------|--|------------------------------------|---|--|
| Exempt          | Manufactured Product <sup>1,2</sup>                            | Construction Material <sup>3</sup> | Steel or Iron <sup>4</sup>  | Comments   |
|                 | 9-21.1 Raised Pavement Markers Type 1                          |                                    |   |  |
|                 | 9-21.2 Raised Pavement Markers Type 2                          |                                    |   |  |
|                 | 9-21.3 Raised Pavement Markers Type 3                          |                                    |   |  |
|                 |  |                                    | 9-22 Monument Cases   |  |
|                 | 9-23 Concrete Curing Materials, Bonding Agents, and Admixtures |                                    |   |  |
|                 |  | 9-24 Plastic Waterstop             |   |  |
| 9-25 Water      |  |                                    |   |  |
|                 | 9-26 Epoxy Resins  |                                    |   |  |
|                 | 9-26.1 Epoxy Bonding Agents                                    |                                    |   |  |
|                 | 9-26.2 Epoxy Adhesive for Lane Markers                         |                                    |   |  |
|                 | 9-26.3 Epoxy Grout/Mortar/Concrete                             |                                    |   |  |
|                 |  |                                    | 9-27 Cribbing   |  |
|                 |  |                                    | 9-27.3(1) Gabion Fabric   |  |
|                 |  |                                    | 9-27.3(2) Gabion Baskets  |  |
|                 |  |                                    | 9-27.3(3) Gabion Mattresses   |  |
|                 |  |                                    | 9-27.3(4) Fasteners for Basket Assembly                                 |  |
| 9-27.3(6) Stone |  |                                    |   |  |
|                 |  |                                    | 9-28 Signing Materials and Fabrication                                  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|                 |  |                                    | 9-28.11 Hardware  |  |
|                 |  | 9-28.14(1) Timber Sign Posts       |   |  |
|                 |  |                                    | 9-28.14(2) Steel Structures and Posts                                   |  |
|                 |  |                                    | 9-28.14(2)A Monotube Sign Bridge and Cantilever Sign Structures         |  |
|                 |  | 9-28.14(3) Aluminum Structures     |   |  |
|                 |  |                                    | 9-29.1(1) Rigid Metal Conduit, Galvanized Steel Outerduct, and Fittings |  |

|        | Build America Buy America (BABA) Materials                    |                                    | Buy America Materials   |  |
|--------|---|------------------------------------|---|--|
| Exempt | Manufactured Product <sup>1,2</sup>                           | Construction Material <sup>3</sup> | Steel or Iron <sup>4</sup>  | Comments   |
|        |   |                                    | 9-29.1(2) Rigid Metal Conduit Fittings and Appurtenances  |  |
|        |   |                                    | 9-29.1(2)A Expansion Fittings, Deflection Fittings, and Combination Expansion/Deflection Fittings |  |
|        |   |                                    | 9-29.1(3) Flexible Metal Conduit  |  |
|        |   |                                    | 9-29.1(3)A Flexible Metal Conduit Appurtenances   |  |
|        |   | 9-29.1(4)A Rigid PVC Conduit       |   |  |
|        |   | 9-29.1(4)B Expansion Fittings      |   |  |
|        |   | 9-29.1(4)C HDPE Conduit            |   |  |
|        | 9-29.1(5) Innerduct and Outerduct                             |                                    |   |  |
|        |   |                                    | 9-29.1(5)A Rigid Galvanized Steel Outerduct With PVC or PE Innerduct                              | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        | 9-29.1(5)B Rigid PVC Outerduct With PVC or PE Innerduct       |                                    |   |  |
|        |   |                                    | 9-29.1(5)C Innerduct for Straight Sections of Galvanized Steel Outerduct or PVC Outerduct         | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        | 9-29.1(5)D Conduit With Innerducts Fittings and Appurtenances |                                    |   |  |
|        | 9-29.1(6) Detectable Underground Warning Tape                 |                                    |   |  |
|        |   |                                    | 9-29.1(7) Steel Casings   |  |
|        |   |                                    | 9-29.2 Junction Boxes, Cable Vaults, and Pull Boxes   | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |



| Build America Buy America (BABA) Materials |  | Buy America Materials              |  |  |
|--|--|------------------------------------|--|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup>                        | Construction Material <sup>3</sup> | Steel or Iron <sup>4</sup>                           | Comments   |
|  |  |                                    | 9-29.2(1)A1 Concrete Junction Boxes                  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |                                    | 9-29.2(1)A2 Non-Concrete Junction Boxes              | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |                                    | 9-29.2(1)B Heavy-Duty Junction Boxes                 | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |                                    | 9-29.2(2) Cable Vaults and Pull Boxes                | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |                                    | 9-29.2(2)A Standard Duty Cable Vaults and Pull Boxes | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |                                    | 9-29.2(2)B Heavy-Duty Cable Vaults and Pull Boxes    | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  | 9-29.3 Fiber Optic Cable, Electrical Conductors, and Cable |                                    |  |  |

|        | Build America Buy America (BABA) Materials |  | Buy America Materials   |  |
|--------|--|--|---|--|
| Exempt | Manufactured Product <sup>1,2</sup>        | Construction Material <sup>3</sup>   | Steel or Iron <sup>4</sup>  | Comments   |
|        |  |  | 9-29.4 Messenger Cable, Fittings  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |  | 9-29.6 Light and Signal Standards   |  |
|        |  | 9-29.6(3) Timber Light Standards, Timber Strain Poles, Timber Service Supports |   |  |
|        |  |  | 9-29.6(5) Foundation Hardware   |  |
|        |  |  | 9-29.7 Luminaire Fusing and Electrical Connections at Light Standard Bases, Cantilever Bases, and Sign Bridge Bases | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |  | 9-29.9 Ballast, Transformers  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |  | 9-29.9(1) Ballast   | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |  | 9-29.9(2) Transformers  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |

|        | Build America Buy America (BABA) Materials |                                    | Buy America Materials                                 |  |
|--------|--|------------------------------------|---|--|
| Exempt | Manufactured Product <sup>1,2</sup>        | Construction Material <sup>3</sup> | Steel or Iron <sup>4</sup>                            | Comments   |
|        |  |                                    | 9-29.10 Luminaires                                    | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.11 Control Equipment                             | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.12 Electrical Splice Materials                   | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.13 Control Cabinet Assemblies                    | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.15 Flashing Beacon Control                       | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.16 Vehicular Signal Heads, Displays, and Housing | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |

|        | Build America Buy America (BABA) Materials |                                    | Buy America Materials   |  |
|--------|--|------------------------------------|---|--|
| Exempt | Manufactured Product <sup>1,2</sup>        | Construction Material <sup>3</sup> | Steel or Iron <sup>4</sup>  | Comments   |
|        |  |                                    | 9-29.16(1) Optically Programmed, Adjustable Face, and Programmable Array 12-Inch Traffic Signal | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.16(1)A Optical System  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.16(1)A1 Non-LED Optical System   | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.16(1)A2 LED Programmable Array   | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.16(1)B Housing Construction  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|        |  |                                    | 9-29.16(1)D Housing Electrical  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |

| Build America Buy America (BABA) Materials |                                     | Buy America Materials              |   | Comments   |
|--|-------------------------------------|------------------------------------|---|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup> | Construction Material <sup>3</sup> | Steel or Iron <sup>4</sup>                    |  |
|  |                                     |                                    | 9-29.16(1)E Photo Controls                    | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-29.16(1)E2 LED Photo Controls               | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-29.16(2) Conventional Traffic Signal Heads  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-29.16(3) Polycarbonate Traffic Signal Heads | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-29.19 Pedestrian Push Buttons               | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-29.20 Pedestrian Signals                    | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |

| Build America Buy America (BABA) Materials |                                     | Buy America Materials   |  | Comments   |
|--|-------------------------------------|---|--|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup> | Construction Material <sup>3</sup>                            | Steel or Iron <sup>4</sup>                 |  |
|  |                                     |   | 9-29.21 Flashing Beacon                    | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |   | 9-29.24 Service Cabinets                   | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |   | 9-30.1(1) Ductile Iron Pipe                |  |
|  | 9-30.1(2) Polyethylene Encasement   |   |  |  |
|  |                                     |   | 9-30.1(4) Steel Pipe                       |  |
|  |                                     |   | 9-30.1(4)A Steel Pipe (6 inches and Over)  |  |
|  |                                     |   | 9-30.1(4)B Steel Pipe (4 inches and Under) |  |
|  |                                     | 9-30.1(5) Polyvinyl Chloride (PVC)                            |  |  |
|  |                                     | 9-30.1(5)A Polyvinyl Chloride (PVC) Pipe (4 inches and Over)  |  |  |
|  |                                     | 9-30.1(5)B Polyvinyl Chloride (PVC) Pipe (Under 4 inches)     |  |  |
|  |                                     | 9-30.1(6) Polyethylene (PE) Pressure Pipe (4 inches and Over) |  |  |
|  |                                     |   | 9-30.2 Fittings                            |  |
|  |                                     |   | 9-30.2(1) Ductile Iron Pipe                |  |
|  |                                     |   | 9-30.2(4) Steel Pipe                       |  |
|  |                                     |   | 9-30.2(4)A Steel Pipe (6 inches and Over)  |  |
|  |                                     |   | 9-30.2(4)B Steel Pipe (4 inches and Under) |  |
|  |                                     | 9-30.2(5) Polyvinyl Chloride (PVC) Pipe                       |  |  |
|  |                                     | 9-30.2(5)A Polyvinyl Chloride (PVC) Pipe (4 inches and Over)  |  |  |

| Build America Buy America (BABA) Materials |                                     | Buy America Materials                                     |   | Comments   |
|--|-------------------------------------|---|---|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup> | Construction Material <sup>3</sup>                        | Steel or Iron <sup>4</sup>  |  |
|  |                                     | 9-30.2(5)B Polyvinyl Chloride (PVC) Pipe (Under 4 inches) |   |  |
|  |                                     |   | 9-30.2(7) Bolted, Sleeve-Type Couplings for Plain End Pipe        |  |
|  |                                     |   | 9-30.2(8) Restrained Flexible Couplings                           |  |
|  |                                     | 9-30.2(10) Polyethylene (PE) Pipe (4 inches and Over)     |   |  |
|  |                                     |   | 9-30.2(11) Fabricated Steel Mechanical Slip-Type Expansion Joints |  |
|  |                                     |   | 9-30.3 Valves   |  |
|  |                                     |   | 9-30.3(1) Gate Valves (3 to 16 inches)                            | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |   | 9-30.3(3) Butterfly Valves  | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |   | 9-30.3(4) Valve Boxes   | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |   | 9-30.3(5) Valve Marker Posts                                      | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |

| Build America Buy America (BABA) Materials |                                     | Buy America Materials              |   | Comments   |
|--|-------------------------------------|------------------------------------|---|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup> | Construction Material <sup>3</sup> | Steel or Iron <sup>4</sup>                          |  |
|  |                                     |                                    | 9-30.3(6) Valve Stem Extensions                     | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-30.3(7) Combination Air Release/Air Vacuum Valves | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-30.3(8) Tapping Sleeve and Valve Assembly         | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-30.5 Hydrants                                     | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-30.5(3) Hydrant Extensions                        |  |
|  |                                     |                                    | 9-30.5(4) Hydrant Restraints                        | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                    | 9-30.5(5) Traffic Flange                            |  |
|  |                                     |                                    | 9-30.5(6) Guard Posts                               | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |



| Build America Buy America (BABA) Materials |                                     | Buy America Materials                 |   | Comments   |
|--|-------------------------------------|---------------------------------------|---|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup> | Construction Material <sup>3</sup>    | Steel or Iron <sup>4</sup>                              |  |
|  |                                     |                                       | 9-30.6 Water Service Connections (2 inches and Smaller) | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                       | 9-30.6(1) Saddles                                       | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                       | 9-30.6(2) Corporation Stops                             | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     | 9-30.6(3)A Copper Tubing              |   |  |
|  |                                     | 9-30.6(3)B Polyethylene Tubing        |   |  |
|  |                                     | 9-30.6(3)C PEX-a Tubing               |   |  |
|  |                                     |                                       | 9-30.6(4) Service Fittings                              | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     |                                       | 9-30.6(5) Meter Setters                                 | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |                                     | 9-30.6(6) Bronze Nipples and Fittings |   |  |

| Build America Buy America (BABA) Materials |  | Buy America Materials   |  | Comments   |
|--|--|---|--|--|
| Exempt                                     | Manufactured Product <sup>1,2</sup>      | Construction Material <sup>3</sup>  | Steel or Iron <sup>4</sup>                     |  |
|  |  |   | 9-30.6(7) Meter Boxes                          | Material meets definition of a Manufactured Product in the Contract. A Buy America CMO - DOT Form 350-109 - is required for any steel or iron included in the material that is permanently incorporated. |
|  |  |   | 9-31.1 Steel Plates and Bars                   |  |
|  |  |   | 9-31.2 Stainless Steel                         |  |
|  |  |   | 9-31.3 Bearing Blocks and Keeper Rings         |  |
|  |  |   | 9-31.4 Pin Assembly                            |  |
|  |  |   | 9-31.5 Welded Shear Connectors                 |  |
|  |  |   | 9-31.6 Bolts, Nuts and Washers                 |  |
|  |  |   | 9-31.7 Anchor Array Rods, Nuts and Washers     |  |
|  |  |   | 9-31.8(1) Elastomeric Pads                     |  |
|  | 9-31.8(2) Polytetrafluoroethylene (PTFE) |   |  |  |
|  | 9-31.8(3) Pre-formed Fabric Pad          |   |  |  |
|  | 9-31.9 Polyether Urethane                |   |  |  |
|  |  |   |  |  |
|  | 9-31.11 Epoxy Gel                        |   |  |  |
|  | 9-31.12 Resin Filler                     |   |  |  |
|  |  |   | 9-32.1 Steel Posts                             |  |
|  |  |   | 9-32.2 Bracket, Platform, and Anti-Twist Plate |  |
|  |  |   | 9-32.5 Fasteners                               |  |
|  |  |   | 9-32.7 Type 2 Mailbox Support                  |  |
|  | 9-32.8 Concrete Base                     |   |  |  |
|  |  |   | 9-32.9 Steel Pipe                              |  |
|  |  | 9-33 Construction Geosynthetic  |  |  |
|  |  | 9-33.1 Geosynthetic Material Requirements                                 |  |  |
|  |  | 9-33.2(1) Geotextile Properties   |  |  |
|  |  | 9-33.2(2) Geotextile Properties for Retaining Walls and Reinforced Slopes |  |  |
|  |  | 9-33.2(3) Prefabricated Drainage Mat                                      |  |  |

|  | <b>Build America Buy America (BABA) Materials</b>          |   | <b>Buy America Materials</b>              |                 |
|--|--|---|---|-----------------|
| <b>Exempt</b>  | <b>Manufactured Product<sup>1,2</sup></b>                  | <b>Construction Material<sup>3</sup></b>          | <b>Steel or Iron<sup>4</sup></b>          | <b>Comments</b> |
| 9-33.3 Aggregate Cushion of Permanent Erosion Control Geotextile |  |   |   |                 |
|  | 9-33.4 Geosynthetic Material Approval and Acceptance       |   |   |                 |
|  | 9-34.2 Paint   |   |   |                 |
|  | 9-34.2(4) Low VOC Solvent Based Paint                      |   |   |                 |
|  | 9-34.2(6) Temporary Pavement Marking Paint                 |   |   |                 |
|  | 9-34.3(1) Type A – Liquid Hot Applied Thermoplastic        |   |   |                 |
|  | 9-34.3(2) Type B – Pre-Formed Fused Thermoplastic          |   |   |                 |
|  | 9-34.3(3) Type C – Cold Applied Pre-Formed Tape            |   |   |                 |
|  | 9-34.3(4) Type D – Liquid Cold Applied Methyl Methacrylate |   |   |                 |
|  |  | 9-34.4 Glass Beads for Pavement Marking Materials |   |                 |
|  | 9-34.5 Temporary Pavement Marking Tape                     |   |   |                 |
|  | 9-34.6 Temporary Flexible Raised Pavement Markers          |   |   |                 |
|  | 9-35 Temporary Traffic Control Materials                   |   |   |                 |
|  |  |   | 9-36.1(1) Permanent Casing                |                 |
|  | 9-36.2(1) Mineral Slurry                                   |   |   |                 |
|  | 9-36.2(2) Synthetic Slurry                                 |   |   |                 |
|  |  |   | 9-36.3 Steel Reinforcing Bar Centralizers |                 |
|  |  |   | 9-36.4 Access Tubes and Caps              |                 |
| 9-36.5 Grout for Access Tubes                                    |  |   |   |                 |