



## OVERALL IMPROVEMENT MATERIAL SUBMITTAL CHECKLIST

**Project Name:** \_\_\_\_\_

**Permit No(s):** \_\_\_\_\_

### Material Submittal Instructions:

- **ALL MATERIAL SUBMITTALS MUST BE PREPARED AND SUBMITTED TO THE CITY OF BUCKEYE IN A HARD COPY FORM. SUBMITTED REVIEWS TAKE APPROXIMATELY 16 CITY WORKING DAYS**
- Submittal must be prepared and submitted in a report portfolio with fasteners (no spiral bound) with a completed Table of Contents.
  - A minimum of two (2) copies are to be prepared and submitted each submittal
    - 1 copy for City use, 1 copy returned to Contractor (additional submittals accepted if more copies are needed)
    - Each submittal copy to be updated with each review
- A copy of this submittal checklist must be included within your Material Submittal.

### SECTION 1: OVERALL IMPROVEMENTS

#### Drainage Materials:

- Catch Basin Frame & Cover (30" with Buckeye Logo)
- Drainage System Component Concrete (catch basin, headwall, scupper, etc)
- Storm Drain Pipe
- Pipe Zone Backfill (ABC, #57 rock, CLSM)
- 48" Manhole (complete)
- 60" Manhole (complete)
- Concrete
- Concrete Flared End Section
- Rip Rap
- Grout
- Filter Fabric (non-woven Mirafi 180N or approved equal)
- Gunnite
- Hand Rail
- Trash Rack (shop drawing and steel)
- Underground Retention System Complete (shop drawing, piping, manways, etc)
- Underground Retention System Backfill
- Drywells Complete
- Trench Drain Systems (rock, fabric, pipe, manholes, grates, etc)

#### Paving Materials:

- ½" Gyratory Mix (per approved COB mix design list)
- ¾" Gyratory Mix (per approved COB mix design list)
- ½" Marshall Mix (per approved COB mix design list)
- ¾" Marshall Mix (per approved COB mix design list)
- MAG Class 'AA' Concrete
- MAG Class 'A' Concrete
- MAG Class 'B' Concrete



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- MAG Class 'C' Concrete
- MAG Class 'AA' Concrete w/ Fibermesh
- MAG Class 'A' Concrete w/ Fibermesh
- Detectable Warnings
- MAG ABC
- Survey Monuments
- Sign Post Material
- Sign Material
- Sign Sheeting Material
- Thermoplastic Striping
- Preformed Pavement Markers
- Raised Pavement Markers (RPM's)
- MAG CLSM

### **Sewer Materials:**

- 24" Frame & Cover (TOB logo)
- 30" Frame & Cover (TOB logo)
- 48" Manhole (complete)
- 60" Manhole (complete)
- Manhole Joint Sealant
- Manhole Lining System (Field Applied) (Spectra Shield, Raven or approved equal)
- Water Stop
- PreCast Base Gasket
- Concrete
- PreCast Base
- Sewer Pipe (high strength clay)
- Pipe Zone Backfill (ABC, #57 rock, CLSM)
- Pipe Fittings (high strength clay)
- Service Pipe Joint (shielded adjustable couplings)
- Casing
- Casing Spacers (Advance Products & Systems (APS) – stainless steel and Public Works Marketing (PWM) – plastic)
- Casing End Caps

### **Water Materials:**

- Valve Box & Cover (heavy duty)
- Pipe (6", 8", or 12") (C900 DR14, ductile iron class 350)
- Pipe (12 - 42") (ductile iron class 350)
- Ductile Iron Fittings
- Polywrap
- Joint Restraint (no PVC joint restraint allowed, thrust blocks only PVC)



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- Valves (ductile iron, resilient wedge gate valve) (American Flow Control (AFC), and Mueller)
- Fire Hydrants (NST) (Mueller, Waterous, Clow, Kennedy, and Pacer)
- Service Saddles (strap style)
- Corporation Stops (Pac-joint, ball style, low lead brass) (AY Macdonald, Mueller, Ford, and Jones)
- Type 'K' Copper Pipe
- Angle Meter Stops (Pac-joint, ball style, low lead brass) (AY Macdonald, Mueller, Ford, and Jones)
- Water Meter Boxes (armor cast)
- Tracer Wire (10 gauge solid core) (Copperhead HS-CCS, HDPE 30 mil insulation or approved equal)
- Tracer Wire Splice Kit (Snake Bit corrosion proof wire connectors: Direct bury lug or splice kit SCB-01SR or approved equal)
- Pipe Zone Backfill (ABC)
- Concrete
- Tapping Sleeve (full ductile iron body) (American Flow Control (AFC) - TS1 or approved equal)
- Casing
- Casing Spacers (Advance Products & Systems – stainless steel and Public Works Marketing – plastic)
- Casing End Caps
- Double Check Valves
- Check Valve Assemblies
- Air Release Valve (ARI)

### **SECTION 2: EMAIL (Submittal decisions, discussions, notes, data) – AS APPLICABLE**

- Any and all subcontractor submittal comment letters
- Any and all emails and letters with submittal decisions and deciding factors
- Any and all emails with relevant notes and information

### **NOTE:**

It is the Contractor's responsibility to submit all required materials for review and approval prior to construction. Required materials to be submitted are not limited to this checklist. Additional items may be requested for submittal as required by project, by Project Engineer, and/or by City requirements.

All questions concerning the required information for your project should be directed to your Engineering Technician.

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