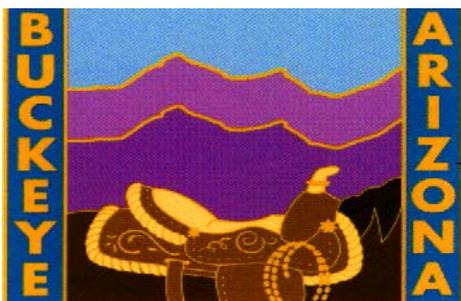


**General Construction Notes and Standard Sheets for Infrastructure  
Plan Submittals**

**Section 1-2**

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**PLAN SUBMITTAL  
REQUIREMENTS**



The Town Of *Buckeye* Arizona

Engineering Design Standards

Section 1-2

Adopted March 2012



## TABLE OF CONTENTS

**1-2.000 GENERAL INFORMATION: .....4**

- 1-2.001 OVERVIEW:.....4
- 1-2.002 DEFINITIONS AND ABBREVIATIONS: .....4
- 1-2.003 IMPLEMENTATION:.....5

**1-2.100 DESIGN PLANS: .....7**

- 1-2.101 STANDARD PLAN SHEETS: .....7
- 1-2.102 DESIGN PLAN REQUIREMENTS:.....8
- 1-2.103 SUBMITTAL REQUIREMENTS:.....9

**1-2.200 MATERIAL SUBMITTALS: .....11**

**1-2.300 AS-BUILTS DRAWINGS: .....12**

- 1-2.301 GENERAL REQUIREMENTS: .....12
- 1-2.302 "TO PAVE" AS-BUILT DRAWINGS:.....12
- 1-2.303 "FOR FINAL" OR "FINAL" AS-BUILT  
DRAWINGS:.....13
- 1-2.304 TOLERANCES AND CORRECTIONS: .....13

**1-2.400 FINAL CLOSEOUT PACKAGE  
SUBMITTAL: .....14**

## TABLE OF FIGURES

FIGURE 1 TOWN OF BUCKEYE PLANNING AREA ..... 6

## STANDARD DETAILS

APPENDIX 1 STANDARD DETAILS..... 15



## Section 1-2 – Plan Submittal Requirements

This section provides policy, and establishes design criteria for the standardization of plans submitted to the Town of Buckeye for review. General construction notes are included with the plan submittal requirements in order to provide a uniform set of notes that apply to all types of construction projects.

The requirements of this section including the plan submittal requirements of this section may be modified at any time by the Town Engineer. The Town Engineer may approve variances to the requirements of this manual. Variance requests must be submitted in writing and include a justification for the variance requested. A copy of the Town approved variance shall be included with the submittal of any plans or design reports to the Town of Buckeye that incorporate the variance.

The Town Engineer is required, pursuant to Chapter 23, Article 23-2, of the Town Code, to develop standards and detail regarding public improvements to be constructed within the Town. The standards, design criteria, and policy set forth in this section were developed and recommended by the Town Engineer pursuant to Chapter 23, Article 23-2 and adopted by Town Council in Resolution No. 40-12.



## 1-2 Plan Submittal Requirements

### 1-2.000 General Information:

#### 1-2.001 **Overview:**

- A. This section is to aid the engineer in developing a standard plan for submittal to the Town of Buckeye.
- B. All standards herein apply to all infrastructure plans submitted to the TOB for review and approval. This includes but is not limited to Grading, Drainage, Sewer, Water, Concrete, Paving, Signing and Striping, Improvement, Site Improvement, Street Light, Address Maps and Landscaping Plans.
- C. There shall be only one utility design per plan set.
- D. Plans shall not be phased. If a project is phased there shall be a plan set that is specifically designed for each phase.
- E. There shall be one construction permit issued for each construction plan set.
- F. All plans submitted to the TOB for review shall be 100 percent complete and properly sealed by the design engineer. Any plan the TOB deems incomplete (not 100 percent designed) may be returned without being fully reviewed. The plans may be re-submitted to the Town for first review once the plans are complete.
- G. All design plans submitted to the Town for review shall be submitted by a registered professional in the State of Arizona.
- H. Plans that have the words “preliminary” or “conceptual” affixed to them shall not be accepted for review.
- I. Percentage complete plans are allowed for major infrastructure items and other agency reviews; otherwise specific Town Engineer approval is required.
- J. All plans shall comply with the Federal, State and local environmental laws and requirements, including, but not limited to, stormwater requirements.
- K. An approved SWPPP is required prior to a permit being issued for any plan set.
- L. An approved dust control permit is required prior to a permit being issued for any plan set.
- M. All plans shall be at a scale of 1 inch equals 40 feet.

#### 1-2.002 **Definitions and Abbreviations:**

- A. APN - Assessor Parcel Number
- B. Developer – Shall also be interpreted to mean Landowner; including development companies authorized to act on behalf of the Developer/Landowner.
- C. Field Directive - A plan change that can be summarized on a standard 8 ½ x 11 letter size paper sealed by and engineer and submitted for review and approval by the Town.
- D. Landowner - Shall also be interpreted to mean Developer; including development companies authorized to act on behalf of the Developer/Landowner.



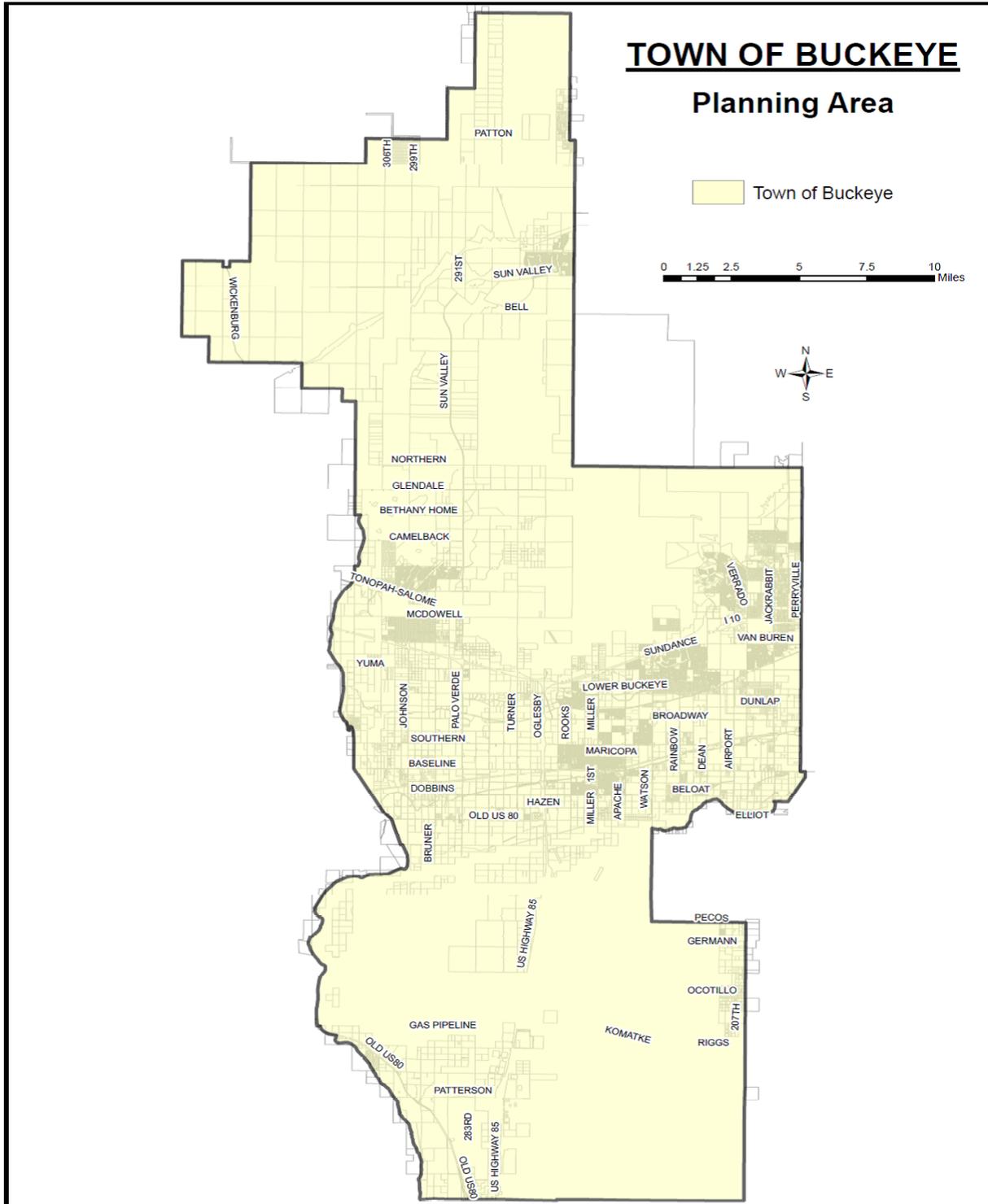
- E. MAG - Refers to the Maricopa Association of Governments Uniform Standard Specifications and Details for Public Works Construction; current edition.
- F. MCESD - Maricopa County Environmental Services Department
- G. MCDOT - Maricopa County Department of Transportation
- H. Plan(s) - Design drawings that are 100 percent complete and sealed by a registered professional engineer.
- I. Public Works Inspector - A Town employee or contracted consultant with a primary responsibility of monitoring the construction of improvements for conformance to Town requirements.
- J. PUE - Public Utility Easement
- K. ROW – Rights-of-Way
- L. SWPPP - Storm Water Pollution Prevention Plan
- M. TOB - Town of Buckeye
- N. Town - Town of Buckeye
- O. Town Engineer –Town of Buckeye Town Engineer or designee

**1-2.003 Implementation:**

- A. The requirements of this section shall become effective in accordance with Town Code.
- B. The standards and requirements of this section shall apply to:
  - 1. All new plans submitted to the Town following the effective date of Town Council’s adoption of the resolution approving the standards and requirements of this section.
  - 2. All plans seeking a new Town Engineer's signature or a re-approval from the Town Engineer.



**Figure 1 Town of Buckeye Planning Area**



**1-2.100 Design Plans:****1-2.101 Standard Plan Sheets:**

- A. All plans submitted to the TOB for review shall use the Standard Cover Sheet, Standard Second Sheet as well as the layout on the Plan Sheet. All of these are shown in the standards details for this section.
- B. The standards sheets are available on the TOB website.
- C. Most items shown on the standard cover sheet are required on all plan sets; other items are specific to different types of plans.
  - 1. Required items that shall be on every cover sheet:
    - a. All title information;
    - b. All maps as indicated;
      - i. Vicinity Map - Displays the Township within which the project is located. Township lines shall be properly labeled and the development shall be shaded.
      - ii. Location Map - Displays the Section within which the project is located. Sections shall be properly labeled, major streets labeled, and the development shown.
      - iii. Development Map - Displays the overall development. Major cross streets shall be labeled and legible, include additional street names while maintaining a legible map.
    - c. All Owner, Developer and Engineer information;
      - i. Company Name, Contact Name, Address, Phone Number, Fax number, and Email Address.
    - d. Sheet Index;
    - e. All Benchmark information;
    - f. The Basis of Bearing information;
    - g. As-Built Certification;
    - h. Utility Companies conflict table;
    - i. SWPPP Statement;
    - j. Summary of Quantities table;
    - k. FEMA Flood Zone Information;
    - l. General Permitting Notes;
    - m. Town Engineer signature block with Town Disclaimer ; and
    - n. The title block along the right side of the sheet shall be as complete as possible. Modifications are not allowed to the title block.
  - 2. Required items that shall be on specific plan cover sheets:
    - a. Storm Water Drainage Certificate - All Grading and Drainage Plans;



- b. MCESD signature line - Required on all plans that require a MCESD review and approval according to MCESD requirements;
  - c. MCDOT signature line - Required on all plans that require work to be done within MCDOT ROW. MCDOT typically does not sign plans; therefore, on the signature line it shall state "Letter" and the date of the letter received from MCDOT;
  - d. Private Water Provider signature line - Required on all plans that fall within a water provider's service area other than the TOB;
  - e. Private Sewer Provider signature line - Required on all plans that fall within a sewer provider's service area other than the TOB;
  - f. Roosevelt Irrigation District (RID) signature line - Required on all plans that impact or cross a RID facility require RID's approval; and
  - g. Buckeye Water Conservation and Drainage District (BWCDD) signature line. Required on all plans that impact or cross a BWCDD facility require BWCDD's approval.
3. Depending on the area the plan covers and what type of utility or construction is being proposed the Town may require additional items and/or approvals on the standard cover sheet.
  4. The standard second sheet shall contain any non-published Town notes, a key map for the plan set and the legend. The title block as shown shall be as complete as possible.
- D. The plan sheet is used as a typical design sheet.
1. All construction notes shall be listed down the right side of the sheet.
  2. All construction notes shall have the same call out number throughout the entire plan set.
  3. This sheet is shown as plan and profile but can be used for plan view only by removing to profile view.
  4. If this sheet is being used for details, sections or other pages without construction notes the "notes" section can be removed and used as additional space.
  5. Depending on the area the design plan covers and what type of utility or construction is being proposed the Town may require additional items on this sheet.

**1-2.102 Design Plan Requirements:**

- A. All plans shall be neat and legible;
- B. All plans shall be drawn to scale;
  1. Horizontal scale shall not be smaller than 1:40 feet on plan views;
  2. Vertical scale shall not be smaller than 1:4 feet on profile views unless otherwise approved by the Town Engineer;
- C. Plans shall have only one plan and profile per sheet;
- D. Minimum height of all text shall be 0.10 inch;
- E. All lettering, numbering, and line work must be uniform and legible;



- F. Provide cross referencing between all plan sheets that have details, detail call outs, notes, cross sections, etc;
- G. Match lines and sheet references must be shown;
- H. Plans shall be prepared on 24-inch by 36-inch sheets with a minimum 2-inch left border and minimum 1-inch border on other sides. All sheets shall be stapled together;
- I. Scale bar and north arrows are required on all plan and profile sheets of the submittal;
- J. Shading is not permitted. Light crosshatch may be allowed if the construction notes are not obscured;
- K. Stations and elevations shall be labeled along the perimeter of the profile;
- L. Street name shall be located between the plan and profile view in the center of the sheet;
- M. Sheet match labeling and references shall be made;
- N. Symbols and line types shall be in accordance with MAG Standard Detail 110; and
- O. Dimensioning shall be in accordance with MAG Standard Detail 112.
- P. Accuracy of all numbers shall be as follows:
  - 1. All elevations shall be to the nearest hundredth of a foot (0.01);
  - 2. All sewer stationing shall be to the nearest foot;
  - 3. All monument/brass cap stationing shall be to the nearest hundredth of a foot (0.01);
  - 4. Dimensioning of horizontals to the nearest foot and verticals to the nearest tenth of a foot (0.1); and
  - 5. Accuracies listed are to be considered general in nature. If a specific item on the plans requires greater accuracy the Town may require it.
- Q. All plan views shall contain the following information:
  - 1. ROW lines, property lines, section lines, PUE's, all roadway features, lot numbers, County APN's;
  - 2. All existing and proposed utilities labeled accordingly;
  - 3. All construction callouts shall be shown; and
  - 4. All labeling of existing items and special notes to the contractor shall be shown.
- R. See each individual design section for additional plan requirements.

**1-2.103 Submittal Requirements:**

- A. Plan Review Submittals:
  - 1. All plans shall be submitted to the TOB for review and approval by the Town Engineer.
  - 2. Delta revisions shall not be used prior to the Town Engineers approval and shall only be used for each subsequent approval being requested from the TOB.
- B. Plan Approval Submittal:



1. Plans for construction cannot be approved by the TOB for construction until all necessary easements and ROW, other than what is being dedicated on a Final Plat or Map of Dedication, are established in accordance with Town requirements and recorded.
  2. All outside agencies, where applicable, are required to approve the plans prior to the Town Engineer's approval and signature. This includes but is not limited to:
    - a. MCESD;
    - b. Private utility provider;
    - c. Maricopa County Department of Transportation;
    - d. Arizona Department of Transportation;
    - e. Irrigation Districts;
    - f. ADEQ;
    - g. Master developers; and
    - h. All other entities as deemed necessary by the Town.
  3. A minimum of five (5) - 24 x 36 inch bond copies are required for plan approval:
    - a. Town Permitting;
    - b. Town Engineer;
    - c. Town Inspector;
    - d. Developer; and
    - e. Design Engineer.
    - f. It is the developer's/landowner's responsibility to submit additional copies for an original TOB approval.
  4. In addition to bond copies submitted for signature, a CD with the following items is required to accompany the plans in order to gain Town approval:
    - a. Base map for the area on the plans seeking approval including all property lines, ROW, PUE's, easements etc.;
    - b. Benchmarks and section corner tied to the base map;
    - c. All utilities and appurtenances per the design shall be shown;
    - d. All the information shall be shown on a single map, not cut sheets like the plans, and located on reasonable layers in CAD; and
    - e. All information shall be in an AutoCAD format that is no older than three (3) years of the current released AutoCAD version.
- C. Plan Revisions or Re-Approvals:
1. Town approval of plans and associated design reports are valid for one (1) year from the date of Town Engineer's signature.
  2. Following the expiration of Town approval, improvement plans require re-approval from the Town Engineer in accordance with the following:



- a. The plans shall be resubmitted for review to ensure they conform to the current TOB and all other applicable governmental standards.
  - b. The cover sheet shall be the previously approved cover sheet with the addition of a new signature block and disclaimer for the Town Engineer and a delta revision explanation.
  - c. A re-approval submittal shall be required for review, re-approval, and signature. Plans bearing the most current Town Engineer's signature are the only valid approved set of plans for construction.
3. If it is necessary to revise a previously approved plan set, the engineer shall be required to:
- a. Show delta revisions on every sheet with changes;
  - b. Cloud all changes from the approved plans and provide a specific description of those changes on each sheet;
  - c. Label each set of changes for re-approval with the same delta revision number;
  - d. Reseal all sheets with changes;
  - e. Submit the previously approved cover sheet with the addition of a new signature block with disclaimer for the Town Engineer. Signature block and disclaimer shall be clouded and labeled with the current delta revision number seeking approval;
  - f. Submit the revised plans for approval;
  - g. If deemed a substantial change, the Town may require an updated CD with the newest information to accompany the revised plan/re-approval submittal; and
  - h. A re-approval submittal shall be required for review, re-approval, and signature. Plans bearing the most current Town Engineer's signature are the only valid approved set of plans for construction.
- D. See individual design sections for additional submittal requirements.

**1-2.200 Material Submittals:**

- A. Materials used on all projects within Town ROW or projects to be dedicated to the Town shall require material submittals to be submitted, reviewed, and approved by the Town Engineer.
- B. All materials used on the project or incorporated into the construction are subject to approval or rejection by the Town Engineer.
- C. Town approved technical material/manufacturer data is required for all pipe materials and appurtenances used on the project before work commences.
- D. All delivered materials shall match the approved technical data or it will be rejected.
- E. The contractor shall submit 4 copies of the submittals to the Town Engineer.
- F. All work installed prior to approval of submittals is subject to rejection by the Town.
- G. A copy of the approved material submittals shall be on the jobsite at all times.
- H. Each of the submittals shall clearly show the manufacturer and have comprehensive technical data for the proposed product.



- I. All material submittals shall be submitted at or before the PreConstruction meeting for review and approval by the Town Engineer.

**1-2.300 As-Built Drawings:****1-2.301 General Requirements:**

- A. All as-built drawings shall be notated on the most current approved plan set bearing all of the Town's approval stamps.
- B. If any of the approvals are missing, if the as-built drawings are not notated on the current set of approved plans on file at the TOB, or the approval stamps and permit numbers are not on the as-built drawings, they shall be considered invalid and will be returned un-reviewed.
- C. The as-built drawings submitted to the Town shall bear a current original design engineer's seal from the time of Town approval.
- D. As-built drawings shall be provided to the Town as a complete representation of that constructed in the field.
- E. All elevations, dimensions, and changes shall be accurately shown.
- F. Any change in structure or pipe location of more than 10 feet shall require the moved item to be redrawn and represented accurately at the as-built location.
- G. Any and all field directives that were approved during construction shall be incorporated into the drawings. These can be added in one of two ways:
  1. The field directives can be as-built and added onto extra sheets at the end of the as-built drawings, as long as the sheet index is updated, or
  2. The field directives can be incorporated into the actual sheets and as-built.
- H. Minor changes can be drawn schematically on the plans for ease of identification.
- I. All drawings submitted shall be neat and legible. Any drawing that is not neat or legible is subject to rejection and the as-built information will have to be redrawn and resubmitted. The Town Engineer will determine if the plans will be rejected.
- J. All as-built drawings shall have the surveyor's (or engineer's) certification signed in the appropriate location on the cover sheet and all as-built sheets shall each be stamped by the surveyor or engineer. The surveyor or engineer shall be a registered professional in the State of Arizona. Lack of this signature and certification shall cause rejection of the as-built drawings.
- K. The TOB has a two-step as-built drawing review process. The contractor shall be responsible for providing a "To Pave" as-built drawing review submittal and a "For Final" as-built drawing review submittal.

**1-2.302 "To Pave" As-Built Drawings:**

- A. This review is to identify any underground issues that may have been missed during construction. These issues can more easily be fixed prior to the placement of the pavement; therefore, To Pave as-built drawings are required prior to paving. Street paving shall not be permitted to start prior to the approval of these as-built drawings.
- B. To Pave as-built drawings required for submittal:



1. Grading and Drainage Plan – Storm Drain Review;
  2. Sewer Plan;
  3. Water Plan; and
  4. Any underground construction that falls within the limits of proposed paving.
- C. To Pave As-Built Drawing Requirements:
1. The To Pave submittal is required after all underground construction is completed.
  2. This submittal is to verify the correctness of construction prior to allowing any permanent paving to be placed.
  3. Minimum requirements are all design elevations, stationing, offsets and dimensions shown on the plans.
  4. See each individual design section for additional as-built drawing requirements.
- D. To Pave submittals are required within 30 days of the completion of construction of the underground utility.

### **1-2.303 "For Final" or "Final" As-Built Drawings:**

- A. This review is a final review of the underground and surface improvements. All red-line comments on this review shall be addressed and or work corrected prior to the plan set acceptance.
- B. Once approved, these drawings are the as-builts that the developer/landowner will use as part of the final project closeout package.
- C. Final as-built drawings shall be notated on the approved To Pave as-built drawings. If final as-built drawings are not completed on the appropriate plans the as-built drawings shall be returned un-reviewed.
- D. Final As-Built Drawing Requirements:
1. Final as-built drawings shall complete all surface information not as-built on the To Pave as-built drawings.
  2. As-built all aspects of the original design to prove construction was completed as the design engineer intended.
  1. All monuments and brass caps shall be as-built. Because these tie all of the as-built drawings together, the monuments and brass caps shall be as-built the same on all plan sets.
  2. See each individual design section for additional final as-built drawing requirements.

### **1-2.304 Tolerances and Corrections:**

- A. All tolerances shall be per MAG unless modified by the Town.
- B. Certain deviations may be approved on a case-by-case basis as determined by the Town Engineer.
- C. See each individual design section for additional tolerance and correction requirements.



**1-2.400 Final Closeout Package Submittal:**

- A. All construction projects within the Town shall go through a construction closeout process. This process includes:
  - 1. Scheduling and conducting a Final Walk;
  - 2. Addressing all punch list items from the Final Walk;
  - 3. Review and approval of all required as-built drawings;
  - 4. Completion of a Final Closeout Package Submittal; and
  - 5. Acceptance and start of Warranty.
    - a. No warranty shall commence until the Final Closeout Package Submittal has been reviewed and accepted by the Town. The start date of the warranty shall be per the Acceptance and Warranty Letter issued upon acceptance of the Final Closeout Package Submittal.

**[End of Section]**



**Appendix 1 Standard Details**

12100-1	General Construction Notes Page 1 of 3
12100-2	General Construction Notes Page 2 of 3
12100-3	General Construction Notes Page 3 of 3
12200	Standard Cover Sheet
12201	Standard Second Sheet
12202	Plan Sheet

1. Town of Buckeye Building Department shall; be notified 24 hours in advance of any on-site or off site construction. Phone 623-349-6248 for the hotline. All others fax the inspection request form to 623-349-6221, or use the web based permit porthole access to schedule an inspection ([www.buckeyeaz.gov](http://www.buckeyeaz.gov)).
2. All work and materials must conform with these specifications, the current Uniform Standard Specifications and Details for Public Works Construction as sponsored and distributed by the Maricopa Association of Governments (M.A.G.) and as amended by the Town of Buckeye (TOB).
3. A permit is required from the TOB for all construction within the Rights-of-way (ROW).
4. The contractor will expose all existing utility lines being tied in to verify their location.
5. The contractor will locate, or have located, all existing underground utilities (electric, telephone, pipeline, etc.) and structures in advance of construction and will eliminate all conflicts prior to start of construction.
6. The Contractor is responsible to call Blue Stake prior to starting any construction. No work shall begin until blue stake is completed. BLUE STAKE telephone number 602-263-1100 or 1-800-STAKE-IT.
7. A Pre-construction Meeting is required prior to starting any work or new phase of work. The contractor, key sub-contractors, TOB Inspector and representative of the Town Engineer shall attend this meeting.
8. Any work performed without the approval of the TOB and/or all work and material not in conformance with the specifications is subject to removal and replacement at the Contractor's expense.
9. Disposal of excess material without a permit within the TOB limits is prohibited. A use permit is required for disposal or stockpiling of materials within a residential area. Stockpiling of excavated material shall not exceed a height of 6 feet above the natural ground elevation. The slopes on all sides of the stockpiled excavated material shall not exceed a 4:1 ratio of length to height.
10. Excavation contractors must identify location for disposing of excess excavation material along with a letter from the land owner, giving permission for dumping prior to starting any construction.
11. Traffic control shall be provided and maintained in accordance with the latest edition of the Manual of Uniform Traffic Control Devices and the City of Phoenix Barricading Manual, Maricopa County Department of Transportation, M.A.G. Uniform Standard Detail 401, and TOB requirements. The Contractor is required to submit a Traffic Control Plan and Barricade Plan to the TOB for approval where the construction of the new improvements are adjacent to or connecting to any existing roadway or pedestrian facilities. The Traffic Control Plan and Barricade Plan shall be approved before a permit for the work will be issued. The Contractor shall install approved barricading and traffic control, as approved by the TOB, before work can take place. All overnight barricades shall be lit and functioning.
12. A haul plan for material import or export shall be required for TOB review and approval prior to the start of hauling. The Contractor shall be responsible for daily and final clean-up operations of adjacent, existing paved streets used by construction traffic. This work includes street sweeping, power broom and water as needed or directed by the TOB.
13. Environmental Requirements
  - a. The Contractor shall be responsible for dust control related to the project construction and shall take whatever means necessary to control any abnormal conditions.
  - b. The Contractor shall provide adequate means for cleaning trucks and/or other equipment of mud prior to entering public streets, and take whatever measures are necessary to insure that all roads are maintained in a clean, mud and dust free condition at all times.
  - c. The Contractor shall be responsible for daily and final clean-up operations of adjacent, existing paved streets used by construction traffic.
  - d. Temporary drainage control measures may be required during and after construction until final project build-out in accordance with the approved plans and in accordance with any established or required Best Management Practices (BMP) as part of the National Pollution Discharge Elimination System (NPDES) permit requirements. It is the Contractor's responsibility to meet all requirements.
  - e. The Contractor is responsible to obtain all Air Quality Permits.
  - f. The Contractor shall submit to the TOB a copy of their approved County (Air Quality) dust control plan, erosion control plan (SWPPP), and permit prior to the start of work.



(cont.)

14. **Street Cuts:** Applications for Street Cut Permits must be approved by the Town Engineer prior to approval of improvement plans. The pavement replacement section for all longitudinal and transverse trenches located in an existing paved street shall be constructed in accordance M.A.G. Uniform Standard Detail No. 200 "T"-Top, Backfill, Pavement Surface Replacement, modified as follows: the width of the replaced pavement section extend 1 foot beyond the trench side edge line, on either side of the trench. The depth of the permanent surface replacement shall be a minimum of 3 inches or match the existing thickness of the pavement, whichever is greater. Sawcut or construction joints shall be adequately tack oiled with a minimum of 95% coverage. Asphalt material shall be a TOB approved mix design with compacted lifts no greater than 3 inches. Slurry backfilled or open trenches in existing roadways must be properly steel plated and barricaded over night. Steel plates to be milled flush with roadway surface per note 24. "Cold mix" temporary asphalt patches must be replaced as soon as possible and cannot remain for more than 5 days time or as required by the TOB. During the 5 day period the contractor is required to maintain the patch to within MAG STD SPEC 321.5.3. Asphalt in place for less than 5 years shall be milled and overlaid a minimum of 20 feet past trench walls, and in the case of multiple street cuts, the continuous mill and overlay shall extend a minimum of 20-feet past end of the furthest trench walls.
15. **Potholing:** No potholing shall be done on any street newer than 2 years old. All potholing in existing streets shall be done using water/air/vacuum type method. Pothole size shall be limited to a 12 inch by 12 inch square hole. Removal material cannot be used for back fill. The contractor shall use slurry per MAG Sec. 728. Pavement replacement shall be by approved hot mix asphalt only. A 3 foot by 3 foot pavement slurry seal shall be applied after the asphalt is placed.
16. An approved, up-to-date set of plans and a right-of-way permit shall be maintained on the job site at all times while work is in progress. If the plans and permits are not on site, the work shall be stopped until the approved plans are provided. Deviation from the plans shall not be allowed without the TOB's approval.
17. Damage to any and all items caused by construction or construction related work shall be replaced or repaired to the same or better condition at the contractor's expense.
18. All parcel construction access locations are subject to the Town Engineer's approval. The Contractor shall be responsible for maintaining proper and adequate access roads inside and throughout the parcel allowing for inspection accessibility. This includes grading, gravel fill and/or trench plates as required.
19. The Contractor agrees to assume sole and complete responsibility for job site conditions during the course of construction of this project including safety of all persons and property. This requirement shall apply continuously and not be limited to normal working hours. The Contractor shall defend, indemnify and hold the TOB and the TOB Consultants harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the TOB.
20. The TOB shall not be responsible for construction means, methods, techniques, sequences or procedures utilized in connection with the work. The TOB will not be responsible for the Contractor's failure to carry out the work in accordance with the contract documents complying with MAG or TOB requirements.
21. The Contractor shall be responsible for submitting certified as-built record documents to the TOB for review and approval. No final acceptance shall be issued until "as-built" plans certified by the Project Engineer/Land Surveyor have been submitted and accepted by the TOB. Final construction acceptance or the release of Certificate of Occupancies shall not be issued until all as-built drawings and other required documents per the TOB's Final Project Submittal Checklist, have been reviewed and approved by the Town Engineer.
22. Arrangements for construction water can be made by calling the Water Resource Department at (623) 349-6800.
23. The TOB is not responsible for liability accrued due to delays and/or damages to utilities in conjunction with this construction. Also, the Town will not participate in the cost of construction or relocation of utilities.
24. All contractors shall contract for trash pickup through a licensed Town of Buckeye solid waste hauler (602-237-2078) and disposed of at the Southwest Regional Landfill in Buckeye.
25. Open trenches across driveways, streets and cross-streets shall be plated for overnight, weekend or extended periods, per M.A.G. Uniform Standard Detail 211.
26. All ABC shall be from an Arizona Department of Transportation (ADOT) approved source list.



(cont.)

27. Longitudinal trench backfill in existing arterial, collector, or local roadways or adjacent to existing roadway (when the trench excavation falls within 2 feet of edge of pavement) shall require ½ sack CLSM per MAG Spec 728 full depth or ABC full depth as directed by the TOB. ABC backfill compaction shall be by an approved mechanical method (no water settling) with backfill material lifts as follows:
  - 12 inch lifts (loose) to be used in the top 4 feet of the trench
  - 24 inch lifts (loose) to be used from 1 foot over the pipe to 4 feet from the top of the trench per MAG Sec. 601.4.
28. All backfill within or adjacent to existing roadways shall be mechanically compacted.
29. Transverse trench backfill in all existing roadways shall require 100% full depth half sack CLSM per MAG Spec 728 .
30. All material submittals incorporated in the project shall be submitted at or before the preconstruction meeting for review and approval by the Town Engineer.





# LEGEND

## Town of Buckeye NOTES

All Town of Buckeye General Notes & Utility Notes are accessible on the Town's website at [www.buckeyeaz.gov](http://www.buckeyeaz.gov), unless otherwise attached.

# KEY MAP

Show:

- All Road Names
- Major Cross Roads
- Sewer Line
- Flow Arrows
- Manhole Locations
- Pipe Size
- Sheet Numbers
- Sewer Easements
- Adjacent Parcels
- Lot Numbers
- Tracts
- Site Outfall
- Project Boundary

