

GENERAL CONSTRUCTION NOTES FOR CAPITAL PROJECTS

1. All improvement construction shall comply with the 2020 Maricopa County Association of Governments Standard Specifications and Details for Public Works Construction as amended by the latest version of the City of Scottsdale Supplemental Standard Specifications and Details and City of Scottsdale's Design Standards & Policies Manual (DS&PM). If there is a conflict, the latter shall apply. All facilities construction shall comply with the latest building codes as amended and adopted by the City of Scottsdale.
2. The engineering designs on these plans are approved by the City in scope and not in detail. If construction quantities are shown on these plans, they are not verified by the City.
3. Based on the information submitted on the plans and associated documents, the City has reviewed and found them to be in accordance with the Scottsdale Revised Code and are acceptable for permit issuance. This acceptance by the City does not authorize violations of any applicable code, ordinance or standard as adopted by the Scottsdale Revised Code.
4. Approval of the plans by the City is valid for six months. If a permit for the construction has not been issued within six months of review, the plans shall be resubmitted to the City for reapproval.
5. Any deviation from the approved plans shall be reviewed and approved by the City prior to that change being incorporated into the project.
6. A City Capital Projects Inspector will inspect all work within the City rights-of-way, easements and facilities.
7. Any Special Inspection required shall be in addition to any routine inspection by the City.
8. City encroachment and building permits are required for work in public rights-of-way, easements granted for public purposes and facilities. Permits will be issued by the City through the City's One Stop Shop. Copies of all permits shall be retained on-site and shall be available for inspection at all times. Failure to produce the required permits will result in immediate work stoppage until the proper permit documentation is obtained.
9. The Contractor shall be responsible for obtaining all necessary permits for salvaging protected native plants prior to the start of construction.
10. Contractor shall contact AZ 811 two full working days prior to beginning excavation.
11. All excavation and grading which is not in public rights-of-way or in easements granted for public purposes must conform to Section 1803 and Appendix J of the latest International Code Council as adopted and amended by the City of Scottsdale. A permit for this grading must be secured from the City.
12. Thrust restraint, where required, on all City water lines shall be provided using Megalug mechanical joint restraints or City-approved equal.
13. Any asphalt mix design used on City projects shall have been approved for that use per Section 5-10 of the City's DS&PM and appear on the "Approved List of Asphalt Mixes" as distributed by the East Valley Asphalt Committee (EVAC).
14. The Contractor shall be responsible to remove and replace, at no additional cost to the City, any and all pavement, sidewalk, curb and gutter, drainage structures, etc. outside the pay limit that are damaged due to their activities on the project. This includes, but is not limited to, the removal and replacement of newly cracked roadway infrastructure, the removal and replacement of existing cracked roadway infrastructure where the cracks have been enlarged due to the Contractor's operations, the removal and replacement of deformed roadway infrastructure. All sawcuts used for the removal of these items shall be perpendicular and parallel to the centerline controlling that item, or at the direction of the City's Capital Projects Inspector.
15. All Capital Improvement Projects shall meet the procedures and standards for the use of temporary/security fencing around the perimeter of construction sites, as defined in the City's Zoning Ordinance, Article VII, Section 7.700.

GENERAL NOTES FOR SIGNING & PAVEMENT MARKING

1. All pavement markings, signing, and work zone traffic control type and layout need to conform to the latest edition of the Manual on Uniform Traffic Control Devices, <http://mutcd.fhwa.dot.gov/index.htm>.
2. Work zone traffic control needs to conform to the City of Phoenix "Traffic Barricade Manual" and/or as directed by the City Public Works Inspector or Traffic Engineering Division.
3. Signs are to be installed on telespar prepunched square steel tubing posts per COS Standard Detail No. 2131, www.ScottsdaleAZ.gov/design/COSMAGSupp.
4. Dimensions to signs need to include the sign post, or in the case of multiple posts, the plan view center of the sign.
5. "No Parking" signs shall only be used when the following site conditions exist.
 - a. When any right hand lane (curb lane) is 16 feet or wider, or if a paved shoulder area is present.
 - b. Where on-street parking could be expected to occur, such as commercial areas where businesses have direct frontage on the street.When the above criteria exists "No Parking" signs (RB-3a 12"x18") with an arrow (single direction or bi-directional) below the "P" symbol on the sign to designate the direction of the restriction shall be installed approximately every 350-400 feet along the length of the project. No parking signs shall be installed approximately 5 feet from the back of curb at a 45 degree angle to the curb. Street light poles should be used for sign mounting when a light pole is within 50 feet of the proposed sign location.
6. All longitudinal striping (edge line, lane line, and centerline) shall be 0.090" (90 mil) extruded thermoplastic, unless otherwise noted on the plans.
7. All transverse striping (stop lines, crosswalk lines) shall be a minimum of 0.090" (90 mil) extruded thermoplastic, unless noted otherwise on the plans.
8. All plan view striping dimensions are measured to the center of the line or center of the double line.
9. All pavement symbols, arrows and legends shall be Type 1 permanent, high performance pre-formed pavement tape. (Tape must perform as 3M 380I-ES series or equivalent.)
10. Raised pavement markers (RPMs) shall be used on all striped streets. RPMs shall be installed per COS Standard Detail No. 2132, www.ScottsdaleAZ.gov/design/COSMAGSupp, and ADOT Standard Drawing M-19, with a City approved bituminous adhesive.
11. Blue Type F (2-way reflective) RPMs shall be used to indicate the location of all fire hydrants and remote fire department connections, per COS Standard Detail No. 2363, www.ScottsdaleAZ.gov/design/COSMAGSupp.
12. All existing pavement markings that conflict with proposed markings shall be removed by sandblasting, hydroblasting, or grinding prior to the installation of new pavement markings. Removals shall be to the satisfaction of the City Inspector. After removal, all affected areas shall be resealed with an approved quick setting emulsion prior to the installation of new pavement markings.
13. ASTM Type IV Sheeting (minimum) shall be used for all warning and regulatory and street name signs. All advance street name and metro signs shall be proposed Type XI sheeting. School warning signs and accompanying placards must be ASTM proposed Type XI fluorescent yellow green sheeting.
14. The contractor is responsible for layout of all pavement markings using control points spaced no more than 50 feet apart. Pavement marking layout shall be approved by Traffic Engineering prior to the application of the final product. All pavement marking drawings are schematic only. The contractor shall follow all dimensions, details, and standards when installing pavement striping, marking and markers.