### PLAN PREPARATION

1. All plans submitted electronically shall be pursuant to this document and the E-Plan Submittal Requirements at: [http://www.Cityofirvine.org/Cityhall/pw/develop/default.asp](http://www.Cityofirvine.org/Cityhall/pw/develop/default.asp)

2. All plans shall be prepared on 24”x36” (full size) or 11”x17” (half size) bond with a ½” margin on all sides except the left side which shall be 1½”.

3. Plan shall be prepared using AutoCAD 2010 (or later version). The plan shall be provided to the City of Irvine as a PDF file on an acceptable media device (USB, DVD, CD, etc.) upon completion of the design.

4. All full size plans shall be 1”=40’ scale. All half size plans shall be 1”=80’ scale.

5. North arrows should point to the top or right of the sheet.

6. All sheets shall be numbered consecutively, “Sheet ___ of ___,” in the lower right of the plan.

7. All lettering shall be 1/10” minimum height and be legible when plans are reduced to 11”x17”.

8. Plan shall include engineering firm name, address, telephone number, date plans prepared, signature, and number of Registered Civil or Traffic Engineer.

9. All stationing shall be based upon record centerline information and refer to centerline of street unless otherwise noted and shall read from left to right.

10. All plans shall include the City of Irvine traffic control general notes (see page 3). Construction notes and a legend shall also be included.

11. All existing regulatory, warning, guide and any special signs shall be shown. This includes parking prohibition signs, advance street name signs, bus stop signs, etc. All existing sign locations shall be field verified. Signs to be temporarily covered (bagged) or removed and reinstalled shall be identified.

12. All existing striping, pavement markings and curb markings shall be shown, including bike lanes, parking layouts, crosswalks and limit lines. Locations and types of existing striping and pavement markings shall be field verified.

13. All streets within the project limits shall be identified with proper street names to ensure proper orientation. A vicinity map and location map shall be included on the title sheet.

14. All traffic signals within the project area shall be identified on the plan. Construction related temporary traffic signal modifications shall be shown on a separate traffic signal plan, prepared according to the latest edition of “Section 104 - Traffic Signals” located in City of Irvine Standards and Design Manual.

15. Posted speed shall be shown at all approaches to the work area.

16. Road closures, trail closures, detours, bore and jack operations, weekend work and/or night work require prior written permission from the City.

17. Lane dimensions shall be shown at 300-foot intervals and at each end of lane or pavement transitions, match lines and join locations. Also, show length of turn lanes, flares, reverse tapers.

18. Jurisdictional boundaries, street names, curb, driveways, centerlines and stations, alleys, raised medians shall be shown.

19. Minimum of 500 feet of roadway with striping details beyond project limits (showing join points) shall be shown.

20. All proposed sign locations shall be dimensioned.