CITY OF LEE'S SUMMIT

Design and Construction Manual Checklist

Section 5200 STREETS				
Section 5204	**General Plan Requirements**	**YES**	**NO**	**N/A**
5204.1, 5204.2, 5204.3, 5204.4, 5204.5	**Scope - General – Scales – Sheet Sizes – Types of Sheets in Plans - Refer to page 52-8 for detailed requirements.**			
5204.6	**Required Information for Title Sheet**			
	1. Name of Project.			
	2. Project Number. (Where applicable.)			
	3. Index of sheets included in plans.			
	4. A location map adequately showing project location in relation to major streets with north arrow and scale.			
	5. Signature for local governing agency approval.			
	6. The project control bench marks shall be identified as to location and elevation: NGVD datum or as required by local governing agency. A minimum of two (2) benchmarks are required for any project.			
	7. Name, address and telephone number of the consulting engineer and owner/developer as well as signature block for the owner/developer.			
	8. List containing name address and telephone number of each utility company and the State One-Call System			
	9. A legend of symbols shall be shown that shall apply to all sheets.			
	10. Design speed plus other traffic information as required by the local governing agency.			
	11. Engineer's seal signed and dated.			
5204.7	**Required Information for General Layout Sheet**			
	1. General Notes: Minor construction notes shall appear on the proper plan and profile sheet.			
	2. North Arrow and Bar Scale			
	3. Layout shall include name of subdivision, block designation if any…			
	4. Boundary Line of Project Area.			
	5. Schematic layout of all proposed sidewalks and utility improvements…			

Section 5200 STREETS				
Section 5204	**General Plan Requirements**	**YES**	**NO**	**N/A**
	6. A list of materials with quantities and costs for each item…			
	7. Typical street sections and curb and gutter details.			
5204.8	**Required Information for Plan and Profile Sheets**			
	1. North arrows and bar scale.			
	2. Elevation and location of all applicable benchmarks: NGVD datum or as required by local governing agency.			
	3. Existing and proposed streets with names and pavement widths.			
	4. Property lines properly identified as to existing or proposed lot, block and subdivision. Survey base line with adequate ties to land lines.			
	5. All existing and proposed utilities…			
	6. All existing and known proposed improvements within 50 feet each side of the R/W and 200 feet beyond project limits shall be shown…			
	7. All existing and proposed easements and R/W information.			
	8. Locations and widths of existing and proposed sidewalks.			
	9. Horizontal curve data and vertical curve data (K value, stopping sight distances, and middle ordinate).			
	10. Center line stations shall be marked at 100 foot intervals and at other pertinent points.			
	11. Top of curb elevations shall be shown at maximum increments of 15feet along the curb returns at street intersections.			
	12. Profile shall show existing grade as a dashed line, proposed finish grades or established street grades by solid lines.			
	13. Storm water criteria shall be in accordance with Section 5600.			
	14. Elevations shall be shown at a minimum interval of 50’ for tangents and 25’ for curves.			
	15. Approximate grading limits.			
	16. Location of test borings if taken.			
5204.9	**Required Information for Cross-Section Sheets**			
	1. Street cross section at each station showing existing grade by dashed lines and proposed grade by solid line…			
	2. Center line elevation of top of pavement.			
	3. Center line cross sections shall be shown at all intersecting streets and driveways.			

Section 5200 STREETS				
Section 5204	**General Plan Requirements**	**YES**	**NO**	**N/A**
	4. Additional cross sections shall be shown as required to clearly describe the extent of the grading operations.			
	5. In lieu of cross sections for residential development, three or five line profiles may be used if approved by the local governing agency…			
5204.10 & 5204.11	**See page 52-11 for Required Information for Standard and Special Detail Sheets and for Lighting Plans**.			
5204.12	**Required Information for Traffic Control Plan Sheets.**			
	1. Limits of any road closures shall be shown along with the traffic control devices used to affect the closure. Length of time of road closure shall be indicated.			
	2. Detour plan shall be designed for traffic affected by the road closures. Detour signing used to direct motorist over the detour route shall be included in the detour plan.			
	3. Typical lane closure or lane shift plans including taper lengths and spacing of all channelizer devices. Types and spacing of all construction signs shall be shown.			
	4. All traffic control shall be designed using the traffic control devices and application principles contained in the MUTCO.			
5204.13	**Required Information for Temporary Erosion Control Plan Sheets**			
	1. Each temporary erosion control feature designation shall be shown at the proper location on the plans.			
	2. Temporary erosion control device details as required, such as standard temporary beams, temporary slope drains, types of ditch checks, and sediment basins.			

"…" Indicates additional information in the D & C Manual.