



# City of Bastrop, Texas Infrastructure Plan Checklist

Planning Department • 1311 Chestnut Street • 512-332-8840

APPLICANT:		OFFICIAL USE ONLY		
Included in Submittal	Infrastructure Plan requires:		Meets Standard	Does Not Meet Standard
	<b>1</b>	<b>COVER SHEET</b>		
	1.1	Title of Project, Location, and Type of Plans		
	1.2	Sheet Index/Table of Contents		
	1.3	Vicinity Map of the Project including surrounding streets with a north arrow pointing in the correct direction		
	<b>2</b>	<b>NOTE SHEET(S)</b>		
	2.1	City of Bastrop general construction notes, water notes, wastewater notes, and erosion, sedimentation control and tree protection notes.		
	2.2	Project Specific Notes (Must not conflict with other required notes).		
	2.3	Street Summary Design Table with Pavement		
	<b>3</b>	<b>EROSION, SEDIMENTATION AND TREE PROTECTION SHEET</b>		
	3.1	Drainage flow arrows/patterns		
	3.2	Clearly marked limits of construction		
	3.3	Location of all known underground storage tanks		
	3.4	Location of all critical environmental features and their required setbacks		
	3.5	All areas of cut and fill > or = 4' clearly labeled		
	<b>4</b>	<b>DEMOLITION PLAN</b>		
	4.1	Show all structures being demolished		
	4.2	Will there be a need for infill, call-outs for infill material and positions?		
	<b>5</b>	<b>STREET PLAN AND PROFILE</b>		
	5.1	Street names, lot and block numbers		
	5.2	Benchmarks that are spotted in plain view, conveniently spaced (500'±), located outside construction limits, set on permanent structure		
	5.3	Match lines for continuations of streets on other streets		
	5.4	Clearly show the beginning and ending of project		
	5.5	All fill areas shaded/hatched on profile		
	5.6	Sidewalks and approved ADA ramps		
	5.7	Existing street slopes at tie-ins to existing		
	5.8	Verify sufficient clearance exists for driveways from inlet transitions, streetlights, fire hydrants, etc.		
	5.9	ADA ramp wings shown		
	5.10	Street end barricades shown		
	5.11	Intersecting and adjacent streets: type and width of private, walks, alleys		
	5.12	Mailbox locations		
	<b>6</b>	<b>OVERALL WASTEWATER LAYOUT</b>		
	6.1	Street names, lot names, and block letters		
	6.2	Lot dimensions		
	6.3	Surrounding subdivision names/property owners		
	6.4	Services applied to lateral to each lot		
	6.5	Street names, street/alley widths, fences, and right-of-way widths		
	6.6	Existing pavements (type) and existing/proposed easements (type and width)		
	6.7	Adjoining buildings and improvements		
	6.8	"Connect to" note to an existing wastewater main		
	6.9	Wastewater designation, size, and direction of flow		
	6.10	Manholes at all future stub outs		
	6.11	Easements for all offsite sewer lines		
	6.12	Centerline station every 300', deflection angles at points of intersection		
	6.13	Detail for water/wastewater crossing		

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Included in Submittal	<b>Bastrop Code of Ordinances, Chapter 10 – Subdivision, Section 5.05.2b - Infrastructure Plan requires:</b>		Meets Standard	Does Not Meet Standard
	6.14	Main lines between manholes must be straight, with no more than 300 feet between manholes		
	<b>WASTEWATER PLAN AND PROFILE</b>			
	7.1	All wastewater main overall plan		
	7.2	Vertical scale of 1" = 5'		
	7.3	Existing ground and proposed ground/subgrade/top of curb		
	7.4	Direction, length, size and type of pipe		
	7.5	Elevations of all crossing utilities in the wastewater overall plan		
	7.6	Size of manholes		
	7.7	Drop manholes identified		
	7.8	Existing/proposed manholes, pipes and sizes (parallel to mains)		
	7.9	Existing/proposed bridges, culverts and drainage channels		
	<b>8</b>	<b>OVERALL WATER PLAN</b>		
	8.1	Water service at each lot		
	8.2	Existing/proposed main lines		
	8.3	Street names, lot numbers, and block letters		
	8.4	Street/alley widths, rights-of-way, and lot dimensions		
	8.5	Valves provided on all legs of pipe intersections		
	8.6	All bends are 45 degrees or less		
	8.7	Automatic flush valves at all dead ends		
	8.8	Air release valves at all high points		
	8.9	Utility easements for all pipes off-site		
	8.10	Fittings, fire hydrants, manholes, services, and taps are shown		
	8.11	Utility crossing details		
	8.12	Main designation with stationing		
	8.13	Material call-out for water main(s)		
	8.14	All existing pavements (type), existing and proposed easements (type and width)		
	8.15	Show location and size of existing/proposed water meter(s)		
	8.16	All fire lines must be ductile iron , =>6"		
	<b>9</b>	<b>WATER PLAN AND PROFILE (ALL WATER LINES MUST BE PROFILED)</b>		
	9.1	Clearly labeled vertical scale of 1" = 5' (All plans must be drawn to scale)		
	9.2	Direction, linear foot, size, and material callout for all water mains		
	9.3	Existing underground utilities (parallel)		
	9.4	Existing and proposed storm sewer manhole, pipes, sizes (parallel to mains)		
	9.5	All existing and proposed utilities (including gas lines, buried or overhead power or telephone lines)		
	<b>10</b>	<b>SIGN, STRIPING, AND SLEEVE LAYOUT</b>		
	10.1	Stop bars at all stop sign locations		
	10.2	"No through truck" signs at all subdivision entrances		
	10.3	Note for all signs and striping to be installed per TX Manual on Uniform Traffic Control		
	10.4	Show all sleeves and conduit for dry utilities (i.e. gas, cable, phone)		
	<b>11</b>	<b>LIGHTING PLAN</b>		
	11.1	Street Light Locations with coverage areas		
	11.2	All utility lines must be installed underground.		
	<b>12</b>	<b>PHASING PLAN</b>		
	12.1	Provide Applicable Phasing Plan		
	<b>13</b>	<b>TRAFFIC CONTROL PLAN</b>		
	13.1	Provide applicable traffic control and detour details		
	<b>14</b>	<b>WASTEWATER DETAILS</b>		
	14.1	Current City of Bastrop detail (when inside Bastrop CCN)		
	14.2	Current Utility Provider detail (when outside Bastrop CCN)		
	<b>15</b>	<b>WATER DETAILS</b>		
	15.1	Current City of Bastrop detail (when inside Bastrop CCN)		
	15.2	Current Utility Provider detail (when outside Bastrop CCN)		