PAVING

Goodyear

NUMBER	ITEMS	NOT REQ'D	NOT DONE	SATISFIED	Location in Standards
					REVIEW #
					BY / Date
1	Review General Checklist	☐	☐	☐	See Website other Documents, 0.3, 0.3.13
2	Signing & Striping sheets included in plan set (see Signing & Striping checklist)	☐	☐	☐	0.3.14, 0.4.10, 4.2.21
3	Traffic Impact Study & Design Study provided and approved?	☐	☐	☐	4.1.9 (A, B)
4	COG general notes for street construction	☐	☐	☐	0.4.9
5	Roadway pavement at minimum section thickness. Private drive aisle and parking area per soils report recommendation.	☐	☐	☐	G-3216
6	Scales 1"=20' plan & 1"=2' vertical	☐	☐	☐	2.11.2 (L)
7	Street design, 5 yr Local & Collector, 10 yr Arterial	☐	☐	☐	Table 3.3-1 Hydrology Design Criteria
8	Street Flow Capacity	☐	☐	☐	Table 3.3-1 Hydrology Design Criteria, 3.3.4(A)
9	Pavement cuts not permitted (All new pavement is to remain in a new uncut condition for a period of 5 years or fine)	☐	☐	☐	4.1.7(A.7),
10	Stop sign, street sign base & detail Include an exhibit with sign locations, street names for the signs and route to Kory for block numbers	☐	☐	☐	4.1.2(A), G-3209-1,-2
11	Curb return radius & Intersection design	☐	☐	☐	4.1.3(E.4), 4.1.1 table, G-3204
12	Curb return slopes, flat w/ VG, 2% max, 5% max on hill side	☐	☐	☐	5% max on hill side to insure ramps are ADA compliant
13	Dead ends (Cul-De-Sac) shall have a 45' R/W radius	☐	☐	☐	G-3246-1, 4.1.3(B.4), Sub Reg 15-3-3 (A.3a)
14	Barricades	☐	☐	☐	4.1.2(D), G-3170, MAG 130-B
15	Survey Monuments	☐	☐	☐	4.1.2(B), MAG 120-1, Sub Reg 15-4-4(J)
16	Sight Visibility requirements	☐	☐	☐	G-3232, 7.2.4 B1
17	Driveway dimensions, locations & spacing shown	☐	☐	☐	4.1.4, G-3230, G-3236
18	Driveway slope, 12% max	☐	☐	☐	4.1.4 E.1.a. (4)
19	Min 125' offset Local intersections, 250' on collector streets	☐	☐	☐	4.1.8(G), Sub Reg 15-3-3(D.5)
20	Station & offsets required with all construction call-outs	☐	☐	☐	2.11.2 (G)
21	4' wide valley gutter min (at least 8' wide adjacent to Collector & at non stop locations, vg's not allowed on Arterial streets. No asphalt VG on public streets. Wide Valley gutters shall be used at crossings where traffic control will not stop a vehicle within 100 ft of the valley gutter	☐	☐	☐	3.3.4 (A.5) MAG 240 8' Valley Gutter G-3226 4.1.3(K.5.c.) 4.1.3 (K. 5 d.)

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22	Valves, Manholes spacing per standards and out of tire path.	☐	☐	☐	
23	Pavement replacement 4' min width	☐	☐	☐	Per inspectors recommendations
24	Road dimensioning shown (back of curb to back of curb)	☐	☐	☐	MAG 112
25	Check profile design	☐	☐	☐	2.11.6 (A., B)
26	Drainage & irrigation crossings in profile	☐	☐	☐	2.11.4(B)
27	Curbs, roll and vertical, type "F" MAG 220-2 curb to be used for fire access	☐	☐	☐	4.1.3 (F.)
28	10' min length for curb transitions, 4" roll - 4" vert are 5' transitions	☐	☐	☐	G-3218, MAG 221
29	Vertical curve required if GB is > 1.5% Local, 1% Collector, 0.5% Art or provide GB's at 25' min spacing	☐	☐	☐	4.1.3 (J. 2)
30	Vertical curves, min 100' Collector & Local street	☐	☐	☐	4.1.3 (J. 2a) Sub Reg 15-3-3(C.2)
31	2% crown rate (3% max by approval only) no inverted crowns	☐	☐	☐	4.1.3(C.1.d)
32	Max longitudinal slope 6% Arterial, 9% Collector & Local. Hillside not to exceed 15%	☐	☐	☐	4.1.3 (J.1), Sub Reg 15-3-3 (B.1 a, b) Sub Reg 15-3-9(A.3.a)
33	Min longitudinal slope 0.4%, In no case less than 0.15% on existing (check for min on horizontal curves)	☐	☐	☐	4.1.3. (J. 1. d.) Sub Reg 15-3-3(B.2)
34	Min 150' tangent on Local from an intersection to Collector (or R>400')	☐	☐	☐	4.1.8.(H), Sub Reg 15-3-3(D.6)
35	Horizontal curves CL Radius > 500' Collector, 100' Local	☐	☐	☐	4.1.3.(H.1.a) Sub Reg 15-3-3(D.2)
36	Reverse Curve tangent 100' min Local	☐	☐	☐	4.1.3.(H.4.) Sub Reg 15-3-3(D.3)
37	Compound curves should be avoided	☐	☐	☐	4.1.3.(H.3.)
38	Medians less than 4 feet wide shall be paved (color or stamped concrete no pavers or rock)	☐	☐	☐	4.1.3.(E.)
39	Median 4' min b/c to b/c at street light locations	☐	☐	☐	Per City Traffic Eng
40	Provide WB50 turn template at median openings & other openings as required	☐	☐	☐	Per City Traffic Eng
41	First & last 10' of median shall be decorative concrete (stamped concrete, exposed aggregate, etc.). Medians on subdivision entry streets must have an OM1-3 object marker sign on each end.	☐	☐	☐	7.2.2.(B.) G-3211

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42	Traffic Signal Interconnect with #7 pull boxes every 400' or less (lid marked "Fiber Optic")	☐	☐	☐	4.2.19 G-3210-1
43	Interconnect required at arterial- arterial intersections, both north-south and east-west directions	☐	☐	☐	4.2.19 G-3210-1
44	Traffic signal conduit at all future signal intersections with splice boxes, all 4 sides if possible (every 1mile)	☐	☐	☐	4.2.19 G-3210-1
45	Manhole frames, water valves, sewer clean outs & survey monument adjustments	☐	☐	☐	4.1.7 (A.1.)
46	Bus Bays on Arterials every ½ mile (additional R/W & PUE required) Bus shelters to be included in the in-lieu payment	☐	☐	☐	G-3242-1
47	Concrete pavement to be used at all bus bays and on RT turn lanes if VG is at edge of pavement/lane line and on street parking if crown is inverted	☐	☐	☐	G-3242-1, 4.1.3. (C 3.)
48	RAC required on Art & Major Collector roads within 1/4 mile of residential area	☐	☐	☐	4.1.3 (M) G-3216, ordinance #2005-938
49	2' saw cut & mill over exist edge of pavement	☐	☐	☐	
50	Left turn lane in ultimate location	☐	☐	☐	
51	For residential driveways use COG details (& MAG 250 -1,-2)	☐	☐	☐	G-3236 (D-1) 4.1.4 (A. 2)
52	Sidewalk ramp installation should match truncated dome product at all corners of an intersection	☐	☐	☐	
53	Extruded curb permitted on a temporary basis for commercial/industrial less than 1 year	☐	☐	☐	4.1.3. (F 1. B)
54	All Bridges and Box Culverts with an inside length of 20' or > need an application for structure number filled out use ADOT details	☐	☐	☐	See examples
		☐	☐	☐	