



PAVING Checklist

NUMBER	ITEMS	NOT REQ'D	NOT DONE	SATISFIED	REVIEW #		
					BY	Date	
					Location in Standards		
General							
1	Review General Checklist	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See City Of Goodyear's Engineering Web Site		
2	Signing & Striping Plans Submitted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.4.10		
3	Soils Design Study Approved? ("R" Value, Sieve Analysis, Plasticity Index Of Subgrade & Recommendations For Structural Section)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.1(C) 4.1.9(B)		
4	Phase I Environmental Assessment For Dedicated R/W (Check For Recommendations For Items That Requires Additional Clean Up)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Per Zoning Ordinance Development Standards For Single Family Residential Districts. Must Be "Current" Per Zoning Ordinance 3-2-7 B.2.f		
5	Joint Trench Plans Must Be Submitted Prior To Paving Plans Being Approved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.2.2(D.1)		
Cover Sheet Or Sheet 2							
6	COG General Notes For Construction & General Notes For Street Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.4.1 0.4.9		
7	Typical Street Cross Sections, Including Roadway Pavement With Min. Thickness (Private Drive Aisle & Parking Areas Per Soils Report Recommendations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3100 Series General Details G-3216		
Plan Sheets							
8	Station & Offsets Required With All Construction Callouts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(A.7)		
9	Scales 1"=20' Horizontal, 1"=2' Vertical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(A.12)		
10	Street Design - 5-Year Local & Collector, 10-Year Arterial (Street Flow Capacity)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Table 3.3-1 Hydrology Design Criteria		
11	Construct Storm Drain Structures On Paving Plans (Equalizer Pipes In Open Space May Be Constructed On Grading)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(A.8) G-3500 Series Drainage details		
12	Manhole Frames, Water Valves, Sewer Cleanouts & Survey Monument Adjustments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.7(A.1) 5.1.5(A.1.g) MAG 422 MAG 391-1 Type "A" MAG 270		
13	Bus Bays On Arterials Every 1/2 Mile (Additional R/W & PUE Required, Bus Shelters Included In The In-Lieu Payment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.3.2 G-3242-1,-2		
14	Left Turn Lane In Ultimate Location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.1(H)		
15	Fire Hydrant Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.7(A.8.f) G-3212 MAG 122		
16	Barricades	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.2(D) G-3170 MAG 130-B		
17	Survey Monuments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.2(B) MAG 120 Sub Reg 15-4-4(J)		
18	Edge Of Pavement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MAG 201		



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19	8' Wide Valley Gutter At Minor Collector & Local Street Intersections. MAG 240 Valley Gutters May Be Used In Residential Developments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.3(A.5) 4.1.3(C.2-3) 4.1.3(K.5) MAG 240 G-3226		
20	2' Min. Perpendicular Saw Cut & Mill Over Exist. Edge Of Pavement (1' Longitudinal)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.4.9(M) 4.1.9(B.3.b)		
21	Sight Visibility Triangles Shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(K.4) 7.2.4 G-3232 G-3228		
22	Plan View & Profile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(E)		
Curbs							
23	Roll Type C, Vertical Type 'A' (MAG 220-2 Curb To Be Used For Fire Access)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(F) MAG 220-1		
24	3' Roll Curb May Be Used - 10' Transitions, 4" Roll To 6" Roll, All Others - 5' per MAG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3218 MAG 221		
25	Extruded Curb Temporarily Permitted For Commercial/Industrial (Less Than 1 Year)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(F.1.b)		
Slopes							
26	Vertical Curve Required If GB Is $\geq 1.5\%$ Local, 1% Collector, 0.5% Arterial (GB's At 25' Min. Spacing May Be Used On Locals)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(J.2)		
27	Vertical Curve Length 100' Min. On Local & Collector Streets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(J.2.a) Sub Reg. 15-3-3(C.2)		
28	2% Crown Rate (3% Max. By Approval Only, No Inverted Crowns)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(C.1.a) 4.1.3(C.1.d)		
29	Max. Longitudinal Slope 6% Arterial, 9% Collector & Local	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(J.1) Sub Reg. 15-3-3 (B.1) Sub Reg. 15-3-9(A.3.a)		
30	Min. Longitudinal Slope 0.4% (In No Case Less Than 0.15%, Check For Min. On Horiz. curves)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3.3(A.4) 4.1.3(J.1.c) 4.1.3(J.1.d) Sub Reg. 15-3-3(B.2)		
31	Driveway Slope - 12% Max.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.4(E.1.a.4)		
32	Curb Return Slopes - Flush w/VG (Landing 1.5% Max., 8.33% Max. On Hill Side)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ensure Ramps Are ADA Compliant		
33	Arterial & Collector Intersection Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3204		
Geometry							
34	Min. 150' Tangent On Local Intersecting A Collector (Or $R > 400'$)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.8(H) Sub Reg. 15-3-3(D.6)		
35	Horizontal Curves C/L Radius $\geq 500'$ Collector, $\geq 100'$ Local	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(H.1) Sub Reg. 15-3-3(D.2)		
36	Reverse Curve Tangent 100' Min. Local	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(H.4) Sub Reg. 15-3-3(D.3)		
37	Compound Curves Should Be Avoided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(H.3)		



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38	Min. 170' Offset - DW To An Intersection With Raised Median, 250' Min. Offset - DW To Intersection With No Median	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(K) 4.1.8(G) Sub Reg. 15-3-3(D.5) G-3230	
39	Road Dimensioning Shown (Back Of Curb To Back Of Curb)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3120 G-3122 G-3124-1-4 G-3126 G-3128 MAG 112	
40	Dead Ends (Cul-De-Sac) Shall Have A 50' R/W Radius	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(B.4) G-3246-1	
41	Typical 4 Lane Intersections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3208-1	
42	Typical Turn & Storage Lengths, Arterial & Collectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3208-2-4	
Medians						
43	Medians Less Than 4 Feet Wide Shall Be Decorative Concrete (Colored Or Stamped Concrete, Exposed Aggregate, No Pavers Or Rock)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(E) 7.2.2(A.2)	
44	Median 4' Min. B/C To B/C At Street Light Locations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(E.1) 7.2.2(A.2)	
45	Provide WB50 Turn Template At Median Openings & Other Openings As Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(E.4)	
46	First & Last 10' Of Median Shall Be Decorative Concrete (Stamped Concrete, Exposed Aggregate, Etc.) For Concrete Medians, Brick Pattern Terra Cotta Dark Red	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.2.2(B) G-3211	
Traffic Signal Conduit						
47	Traffic Signal Interconnect - Two 2" One 3" With #7 Pull Boxes (Lid Marked "Fiber Optic") With 8" Extension Every 800'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.2.7 4.2.14 4.2.18 G-3210-1	
48	Interconnect Required At Arterial - Arterial Intersections (Both North-South & East-West Directions)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.2.7 4.2.18 G-3210-1	
49	Traffic Signal Conduit At All Future Signal Intersections With Splice Boxes (All 4 Sides If Possible, Every 1 Mile)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.2.7 G-3210-1	
Surface Treatment						
50	Concrete Pavement To Be Used At All Bus Bays & On RT Turn Lanes Into Driveways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(C.3) G-3242-1	
51	RAC Required On Arterial & Major Collector Roads (Within ¼ Mile Of Residential Area)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.3(M) G-3216 Ordinance 2005-938	
52	Add Note: Crack Seal All Pavement Cuts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
53	Pavement Cuts To Be Avoided On New Pavement ≤5 Years Old (Or Pavement Cut Fee Applies)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.7(A.7)	
Driveways, Sidewalks & Ramps						



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54	For Residential/Commercial Driveways Use COG Details (& MAG 250-1&2) Use 5" Class B Concrete For Sidewalk Along Residential Frontage Per MAG 250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.4 <u>G-3236 MAG 250</u>		
55	Driveway Dimensions, Locations & Spacing Shown (5' Min. From P/L If Adjacent To Another DW, 3' Min. From P/L If Adjacent To Open Space)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.4 <u>G-3230 G-3236 Zoning Ordinance 6-2-2</u>		
56	Sidewalk Ramp Installation Should Match Truncated Dome Product At All Corners Of An Intersection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
57	Curb Return Radii & R/W Cutoffs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Table 4.1.1</u>		
58	Mid-Block Ramps Should Be Avoided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Signage							
59	Stop Sign, Street Sign Base & Detail Include An Exhibit With Sign Locations, Street Names For The Signs & Route To GIS For Block Numbers (If A Separate Signing & Striping Plan Is Not Required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1.2(A) <u>G-3209-1,-2,-3</u>		