

Dry Utility Review Checklist



NUMBER	ITEMS	N/A	NOT SATISFIED	SATISFIED	LOCATION IN E.D.S. & P.M.
1.	Projects that include installation of 69 kV (or larger) and any overhead power lines are required to attend a pre-application meeting prior to submitting an electronic Engineering Plan Review Application Request Form.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Vicinity Map	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3112
3.	City Of Goodyear Dry Utility Notes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.4.1 , 2.11.1(H) , 2.11.4(A) , G-3112
4.	Symbol & Abbreviation Legend On Plans.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(A.4) 2.11.3(C.17)
5.	Plans Are Legible & Reproducible. Use Min. Font For ½ Size Reproduction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(A.2) 2.11.2(A.15)
6.	Blue Stake Note Every Sheet.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(A.18) G-3112
7.	Plans Shall Have A North Arrow & Bar Scale On All Applicable Sheets.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(K) A Scale Of 1" = 40' Is Suggested As A Min.
8.	Trench Detail Showing Width, Depth, And If Applicable, Number Of Conduit Or Pipe, Including Non-MAG & Non-City Details.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Quantities Of Joint Trench And Non-Joint Trench Identified As 'IN R/W & PUE' And Total Square Yardage Of Pavement Replacement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
General					
10.	Show & Dimension All R/W, PUE, And Record Easements Including Curb, Sidewalk, And Underground Utilities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Stationing Along Monument Line Referenced To Closest Existing Monument.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Offset Dimensions Tied To Monument Lines In Streets And/Or To Property Lines In Alleys & Easements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Show All Existing & Proposed Improvements And Clearly Indicate As Such.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.	Dimensions From Centerline Of Street To Running Line (Every 500 Feet Minimum) And All Alignment Changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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15.	Make Sure That Proposed Utility & Trench Alignment Does Not Conflict With Retaining Walls, Fencing, Driveways, Water Meter Boxes Or Trees.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16.	Avoid installation of above-ground facilities within sight visibility triangles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3228 , G-3232
17.	All above-ground equipment shall be clearly shown with location dimensioned. If necessary, details of above-ground equipment shall be included on plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18.	Check to see if project is part of a project that requires a Joint Trench permit. Individual Utility Company permits cannot be accepted or approved prior to the Joint Trench permit being approved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.2.2(D)
19.	Proposed utility crossing shall be at 90-degree angle with the road or monument line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20.	Street names clearly identified on plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(S)
21.	Plans drawn to scale adequate to accurately depict relationships among the physical features within the construction area and to identify potential conflicts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22.	If proposed, utility will be located within an alley the location of any above-ground equipment; cannot interfere with the mobility of sanitation or maintenance vehicles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23.	Proposed asphalt removal & replacement clearly illustrated on plans with dimensions for lineal feet and width; splice pit, boring and receiving pit, potholes and bell holes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24.	Property addresses/lot numbers shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.11.2(S)
25.	For PGA North monitor wells, obtain prior approval from Public Works via email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26.	On Scenic Arterials move running line to the outside 10' of R/W	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3120
Cover & Separation					
27.	Check dry utility to wet utility minimum separation requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	COG Detail G-3300
28.	Check horizontal clearances to utilities (min. 7' to hydrants for above ground equipment/facilities)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29.	Check minimum coverage requirements table	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48" under Art, 36" to 48" under minor Cull and Locals, 60" to 72" under future pavement, and 48" to 60" under future BC. See table on page 5

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Miscellaneous					
30.	Trenching for utilities shall not start until all project related sewer, water, reclaimed water, and storm drain improvements are installed, backfilled, tested, and approved by the City Inspector.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.3.4(E)
31.	Potholes are considered a pavement cut and pavement cut fees apply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pavement Cut Ordinance No. 2000-697 Paragraph 1. Add to the CPFS and cover sheet
32.	Check location of proposed utility in relationship to proposed or approved improvement plans to avoid creating conflicts between projects (pay close attention to proposed utilities at intersections that may require relocation at a future date due to roadway expansion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
33.	Above-ground equipment and buried utilities at arterial/arterial and arterial/collector intersections shall not encroach into the dry utility clear zone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	COG Detail G-3210-2
34.	Every effort shall be made to avoid cutting pavement. Unless otherwise approved by City Engineer, all new, reconstructed, renovated, or newly resurfaced pavement shall not cut for a period of 5 years from date of pavement acceptance by the City. In the event that a street opening cannot be avoided during the 5-year period a fee to cover damages and early deterioration will be assessed and added to the Construction Permit Fee Schedule	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
35.	If proposed alignment includes a bore across COG Streets a bore profile must be provided on the plans and minimum 2-foot vertical clearance must be shown from other utilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



Minimum Coverage Requirements*							
Item	Description	Developed Streets				Undeveloped	
		Arterials and Major Collectors		Minor Collector and Locals		All Cases	
		Under Existing and Future Pavement and Curb	Future Back of Curb	Under Existing and Future Pavement and Curb	Future Back of Curb	Under Existing and Future Pavement and Curb	Future Back of Curb
Power	0-600 volts	48"	48"	36"	36"	60"	48"
	601-7200 volts	48"	48"	42"	42"	66"	54"
	12KV (local Dist)	48"	48"	42"	42"	66"	54"
	12KV+ (30 feeder)	48"	48"	48"	48"	72"	60"
	Street Light	48"	48"	36"	36"	60"	48"
Gas	Services	48"	48"	36"	36"	60"	48"
	1" - 6" diameter	48"	48"	36"	36"	60"	48"
	>6" diameter	48"	48"	36"	36"	60"	48"
Telecom	Trunk lines	48"	48"	48"	48"	72"	60"
CATV	Copper Services	48"	48"	36"	36"	60"	48"
	Other	48"	48"	36"	36"	60"	48"
	Coaxial	48"	48"	36"	36"	60"	48"
Other Conduits		48"	48"	36"	36"	60"	48"

* Jack and Bore shall be at minimum depth or 1' per 1" of conduit diameter, whichever is greater.

For facilities located in existing or proposed pavement. Cover is defined as the difference in elevation between the top of the line or pipe and the top of existing or proposed pavement.

For facilities outside of existing or proposed pavement. Cover is defined as the difference between the top of the line or pipe and the ultimate build out gutter grade of the roadway or re-graded ground surface, whichever is greater.

Review Checklist



DRY UTILITY PLAN SUBMITTAL CHECKLIST

		PLANS (24x36" EXCEPT FOR SERVICE DROPS CAN BE 8.5"x11")	PERMIT APPLICATION	JOINT TRENCH/CUSTOMER TRENCH	IRRIGATION DISTRICT APPROVAL	EASEMENT/ PUE DEDICATION	SWPPP (STORM WATER POLLUTION PREVENTION)	CPFS (CONSTRUCTION PERMIT FEE SCHEDULE)	APPLICANT STARTED THE E-FORM PER THE SOP	FEES PAID	HTE# ASSIGNED (SUBDIVISIONS SHALL HAVE THE SAME HTE# AS THE CD'S)
1.	Subdivision	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.	Roadway Improvements	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.	Service Drops (individual service connections)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.	Work on private property		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>Symbols Legend</u>										
	Required	<input checked="" type="checkbox"/>									
	Not Required	<input type="checkbox"/>									
	May Be Required										

Notes:

- (1) Some plans might need to be separated into Off-site & On-site plan sets
- (2) A SWPPP BMP's are required regardless of the size of land that will be disturbed by grading.