



TABLE 1

CONVENTIONAL CONSTRUCTION			THICK ASPHALT CONSTRUCTION	
AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS (NOTE 10)	ASPHALT THICKNESS	BASE ROCK THICKNESS (NOTE 10)
A-1	0.25'	0.70'	0.30'	0.25'
A-2	0.25'	0.70'	0.30'	0.25'
A-3	0.25'	0.70'	0.30'	0.25'
A-4	0.25'	0.70'	0.30'	0.25'
A-5	0.25'	0.70'	0.30'	0.25'
A-6	0.25'	1.10'	0.38'	0.25'
A-7	0.27'	1.70'	0.47'	0.25'
OTHER	NO SECTION	ESTIMATED	NO SECTION	ESTIMATED

TABLE 2

AASHTO SOIL TYPE	CONVENTIONAL CONSTRUCTION			THICK ASPHALT CONSTRUCTION		
	INITIAL ASPHALT THICKNESS (NOTE 7)	FINAL ASPHALT THICKNESS (NOTE 8)	BASE ROCK THICKNESS (NOTE 10)	INITIAL ASPHALT THICKNESS (NOTE 7)	FINAL ASPHALT THICKNESS (NOTE 8)	BASE ROCK THICKNESS (NOTE 10)
A-1	0.14'	0.28'	0.60'	0.24'	0.37'	0.25'
A-2	0.14'	0.28'	0.60'	0.24'	0.37'	0.25'
A-3	0.14'	0.28'	0.60'	0.24'	0.37'	0.25'
A-4	0.14'	0.28'	0.60'	0.24'	0.37'	0.25'
A-5	0.14'	0.28'	0.60'	0.24'	0.37'	0.25'
A-6	0.17'	0.30'	1.00'	0.31'	0.44'	0.25'
A-7	0.22'	0.35'	1.50'	0.39'	0.52'	0.25'
OTHER	NO SECTION	ESTIMATED	ESTIMATED	NO SECTION	ESTIMATED	ESTIMATED

NOTES:

- SIDEWALK MAY BE DETACHED. SEE NOTE 15.
- SIDEWALKS MAY BE ALLOWED WITHIN EASEMENTS ONLY WHERE IT IS DEMONSTRATED THAT SUCH SIDEWALKS CAN NOT BE LOCATED WITHIN THE ESTABLISHED PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY TRACT DUE TO NATURAL FEATURES (E.G., SIGNIFICANT TREES, ROCK OUTCROPPINGS, STEEP TOPOGRAPHY, ETC.) THAT SHOULD BE PRESERVED, OR IRREGULAR LOT CONFIGURATION.
- WIDER SIDEWALKS MAY BE REQUIRED BY REVIEWING AUTHORITY UNDER CERTAIN CIRCUMSTANCES.
- CUL-DE-SAC BULB MINIMUM R/W RADIUS IS 35 FEET WITH A CONSTRUCTED 30 FOOT RADIUS WITH ROLLED CURB & GUTTER AND THICKENED SIDEWALK.
- TABLE 1 APPLIES WHEN THE PAVEMENT SECTION WILL BE FULLY COMPLETED BEFORE BEGINNING CONSTRUCTION OF RESIDENTIAL UNITS.
- TABLE 2 APPLIES WHEN THE FINAL LIFT OF THE PAVEMENT SECTION WILL BE PLACED AFTER COMPLETION OF RESIDENTIAL UNITS.
- THE INITIAL ASPHALT THICKNESS FOR TABLE 2 IS THE MINIMUM ASPHALT THICKNESS REQUIRED BEFORE OPENING THE ROAD TO RESIDENTIAL CONSTRUCTION RELATED TRAFFIC.
- THE FINAL ASPHALT THICKNESS FOR TABLE 2 IS THE MINIMUM TOTAL ASPHALT THICKNESS REQUIRED IN THE FINAL PAVEMENT SECTION.
- PRIOR TO PLACING THE FINAL LIFT, THE INITIAL ASPHALT SECTION SHALL BE INSPECTED AND ANY DEFECTS, SUCH AS CRACKS, SAGS OR RUTS SHALL BE REPAIRED.
- SUBGRADE REINFORCEMENT GEOTEXTILE SHALL BE INSTALLED OVER ALL A-6 AND A-7 SOIL PRIOR TO CONSTRUCTING THE BASE. SUBGRADE REINFORCEMENT GEOTEXTILE SHALL ALSO BE INSTALLED OVER A-4 AND A-5 SOIL PRIOR TO CONSTRUCTING THE BASE WHEN THE BASE THICKNESS IS LESS THAN 0.75 FT.
- THE PAVEMENT STRUCTURE THICKNESSES IDENTIFIED FOR THE ABOVE SOIL TYPES AND CONSTRUCTION CASES ARE REQUIRED IN THE ABSENCE OF A SITE SPECIFIC PAVEMENT DESIGN. THE TOTAL PAVEMENT STRUCTURE SHALL NOT EXCEED 2.5 FT.
- ASPHALT CONCRETE SHALL BE WSDOT HMA CL 1/2" PG 64-22 OR EQUIVALENT.
- EITHER CONVENTIONAL OR THICK ASPHALT CONSTRUCTION IS ALLOWED.
- ROLLED CURB CAN ONLY BE USED WITHIN THE BULB OF CUL-DE-SAC. IF USED, SIDEWALK SHALL BE THICKENED PER STD. DETAIL F18b.
- ROADWAY SLOPE OUTSIDE LISTED RANGE ALLOWED WITH APPROVAL FOR FRONTAGE/MATCHING SITUATIONS.
- THE SUBGRADE AND CRUSHED SURFACING MATERIALS SHALL BE COMPACTED PER WSDOT STANDARDS.
- FEATURES WITHIN CORE ROAD AND FLEX ZONE ARE SUBJECT TO CCC 40.350.030(B)(3) AND TABLE CCC 40.350.030-2.
- STORMWATER LOW IMPACT DEVELOPMENT (LID) FEATURES IN THE RIGHT-OF-WAY ARE SUBJECT TO CCC 40.350.030(B)(3) AND TABLE CCC 40.350.030-2.



Department of
Public Works
CLARK COUNTY
WASHINGTON
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URBAN SHORT CUL-DE-SAC

Peter Capen
COUNTY ENGINEER

APPROVED

09/18/13
DATE

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DATE 09/18/13