



CONVENTIONAL CONSTRUCTION		
AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1	0.50'	0.40'
A-2	0.50'	0.50'
A-3	0.50'	0.75'
A-4	0.50'	1.10'
A-5	0.50'	1.45'
A-6	0.55'	1.65'
A-7	0.75'	1.65'
OTHER	NO SECTION	ESTIMATED

THICK ASPHALT CONSTRUCTION		
AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1	0.55'	0.25'
A-2	0.57'	0.25'
A-3	0.65'	0.25'
A-4	0.75'	0.25'
A-5	0.85'	0.25'
A-6	0.95'	0.25'
A-7	1.15'	0.25'
OTHER	NO SECTION	ESTIMATED

NOTES:

- SUBGRADE REINFORCEMENT GEOTEXTILES SHALL BE INSTALLED OVER ALL A-6, A-7 SOILS PRIOR TO CONSTRUCTING THE BASE AND SURFACING.
- THE PAVEMENT STRUCTURE THICKNESSES IDENTIFIED FOR THESE SOIL TYPES ARE REQUIRED UNLESS A SITE SPECIFIC PAVEMENT DESIGN IS DONE. THE TOTAL PAVEMENT STRUCTURE SHALL NOT EXCEED 2.5 FEET.
- ASPHALT CONCRETE FOR ALL RURAL ARTERIALS SHALL BE WSDOT HMA CL 1/2" PG 64-22 OR EQUIVALENT.
- EITHER CONVENTIONAL OR THICK ASPHALT CONSTRUCTION IS ALLOWED.
- 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  
proud past, promising future

RURAL MAJOR COLLECTOR (R-2)  
2-LANE

*Peter Capen*  
COUNTY ENGINEER

APPROVED

09/18/13  
DATE

DRAWING  
19

DESIGNED  
DRAWN  
DATE 09/18/13