

**NOTES:**

1. CLEAR ZONE DISTANCES SHOWN APPLY TO ROADS WITH A POSTED SPEED OF 35 MPH OR LESS. CLEAR ZONE DISTANCES FOR ROADS POSTED AT GREATER THAN 35 MPH SHOULD BE DETERMINED ACCORDING TO CHAPTER 7 OF THE WSDOT DESIGN MANUAL.
2. AT THE ENGINEER'S DISCRETION, THE 6 INCH GRAVEL BORROW LAYER MAY BE ELIMINATED OR SUBSTITUTED WITH A LESSER THICKNESS OF GRAVEL BORROW OR EQUIVALENT MATERIAL WHEN SUBGRADE CONDITIONS WARRANT AS SUBSTANTIATED BY MATERIALS TESTING.
3. CROSS-SECTION MAY BE ALTERED WHERE A STREAM OR WETLAND BORDERS THE ROAD.
4. FOR ACCESS ROADS SERVING 90 ADT OR LESS AND HAVING NO POTENTIAL FOR CONNECTIVITY, A WIDENED SHOULDER FOR A WALKWAY IS NOT REQUIRED. HOWEVER, WHERE SAFE WALKING CONDITIONS FOR STUDENTS ARE IMPOSED PURSUANT TO RCW 58.17.060, 58.17.110 OR APPLICABLE COUNTY CODES, A WALKWAY WILL BE REQUIRED ON ONE SIDE OF THE ROAD.
5. IN FILL SECTIONS AND AROUND CUL-DE-SACS, THE ENGINEER MAY REQUIRE A THICKENED EDGE TO CONTROL EROSION. SEE STANDARD DRAWING 4-145.
6. SEE STANDARD DRAWING 8-010 FOR PLACEMENT OF UTILITIES.
7. SEE STD DWGS 3-060 & 3-065 FOR NON-ARTERIAL ROAD STANDARDS. INDUSTRIAL/COMMERCIAL ROADS SERVING SIGNIFICANT VOLUMES OF TRUCK TRAFFIC MAY REQUIRE ADDITIONAL WIDTH AND PAVEMENT DEPTH AS DETERMINED BY THE ENGINEER BASED ON DATA SUBMITTED BY THE DEVELOPER.
8. FOR ACCESS AND SUBCOLLECTOR ROADS, FILL SLOPES MAY BE 2:1 MAX. AND CUT SLOPES MAY BE 1-1/2:1 MAX.
9. PREFERRED WALKWAY LOCATION WHERE R/W PERMITS. WHEN PLACED IN THIS LOCATION, A WIDENED SHOULDER FOR A WALKWAY WILL NOT BE REQUIRED. SEE TEXT TABLE 4-1 FOR SURFACING REQUIREMENTS.

SEE TEXT CHAPTER 3



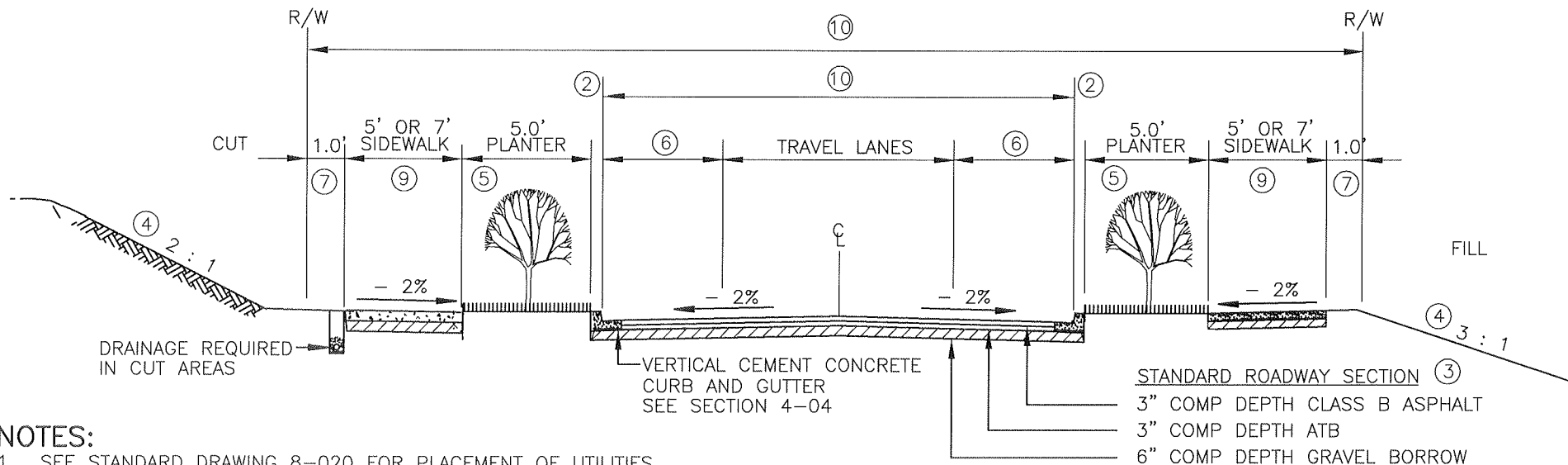
**SNOHOMISH COUNTY PUBLIC WORKS**

3-040

**TYPICAL NON-ARTERIAL ROAD - RURAL AREAS**

APPROVED BY:

*Stewart C. Harmon* 10-1-04  
 COUNTY ROAD ENGINEER DATE



**NOTES:**

1. SEE STANDARD DRAWING 8-020 FOR PLACEMENT OF UTILITIES.
2. URBAN CLEAR ZONE DISTANCE SHALL BE 2 FT. BEYOND THE FACE OF CURB FOR ROADS WITH A POSTED SPEED OF 35 MPH OR LESS. CLEAR ZONE DISTANCES FOR ROADS POSTED AT GREATER THAN 35 MPH SHOULD BE DETERMINED ACCORDING TO CHAPTER 7 OF THE WSDOT DESIGN MANUAL.
3. INDUSTRIAL/COMMERCIAL ROADS SERVING SIGNIFICANT VOLUMES OF TRUCK TRAFFIC MAY REQUIRE ADDITIONAL WIDTH AND PAVEMENT DEPTH AS DETERMINED BY THE ENGINEER BASED ON DATA SUBMITTED BY THE DEVELOPER.
4. FOR ACCESS AND SUBCOLLECTOR ROADS, FILL SLOPES MAY BE 2:1 MAX. AND CUT SLOPES MAY BE 1-1/2:1 MAX.
5. REFER TO SECTION 4-01 FOR LANDSCAPING REQUIREMENTS. ALL LANDSCAPING WITHIN THE RIGHT OF WAY IS SUBJECT TO APPROVAL BY DPW.
6. AN 8 FT PARKING LANE MAY BE REQUIRED ON ONE OR BOTH SIDES, SEE STANDARD DRAWING 3-065.
7. THE R/W LINE SHALL BE AT LEAST 1.0 FEET BEHIND THE BACK OF SIDEWALK.
8. CROSS-SECTION MAY BE ALTERED WHERE A STREAM OR WETLAND BORDERS THE ROAD.
9. REFER TO TEXT SECTION 4-05 FOR SIDEWALK WIDTH REQUIREMENTS. FOR RESIDENTIAL ROADS SERVING 90 ADT OR LESS AND HAVING NO POTENTIAL FOR CONNECTIVITY, SIDEWALKS AND PLANTERS ARE NOT REQUIRED. HOWEVER, WHERE SAFE WALKING CONDITIONS FOR STUDENTS ARE IMPOSED PURSUANT TO RCW 58.17.060, 58.17.110 OR APPLICABLE COUNTY CODES, A SIDEWALK ONLY WILL BE REQUIRED ON ONE SIDE OF THE ROAD.
10. SEE STANDARD DRAWING 3-065 FOR WIDTH REQUIREMENTS. IF THE ROAD IS A DESIGNATED BIKEWAY ROUTE, BICYCLE LANES MAY BE REQUIRED IN ADDITION TO, OR IN PLACE OF, THE PARKING LANES. SEE TEXT SECTION 4-08.

SEE TEXT CHAPTERS 3 AND 4



**SNOHOMISH COUNTY PUBLIC WORKS**

3-050

TYPICAL NON-ARTERIAL ROAD - URBAN AREAS

APPROVED BY:

*Stuart Newman* 10-1-04  
COUNTY ROAD ENGINEER DATE

**PUBLIC ROAD STANDARD – RURAL**

ROAD CLASSIFICATION	DESIGN SPEED (MPH)	PAVEMENT WIDTH	TRAVEL LANES	SHOULDERS	PLANTER WIDTH	WALKWAY WIDTH	R/W WIDTH	SEE STD DRAWING
LOCAL ACCESS ROAD (ADT < 250)	25 (2)	28'	2x9' 2x9'	3'/7' 3'/3' (3)	NONE	7'(SHLDR) NONE (3)	38'–50'	3–040
RESIDENTIAL (ADT 250 – 1000)	30	30'	2x10'	3'/7'	NONE	7'(SHLDR)	40'–60'	3–040
COLLECTOR ROAD (ADT 1001 – 3000)	(2) 30–35	36'	2x11'	7'/7'	NONE	7'(SHLDR)	42'–60'	3–040

**NOTES:**

1. ROAD STANDARDS BASED ON "RESIDENTIAL STREETS", 2ND EDITION, PUBLISHED JOINTLY BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS, THE NATIONAL ASSOCIATION OF HOME BUILDERS AND THE URBAN LAND INSTITUTE.

2. MAY BE REDUCED UPON APPROVAL OF THE ENGINEER. REFER TO SECTION 3–06.

3. FOR ACCESS ROADS SERVING 90 ADT OR LESS AND HAVING NO POTENTIAL FOR CONNECTIVITY, A WIDENED SHOULDER FOR A WALKWAY IS NOT REQUIRED. HOWEVER, WHERE SAFE WALKING CONDITIONS FOR STUDENTS ARE IMPOSED PURSUANT TO RCW 58.17.060, 58.17.110 OR APPLICABLE COUNTY CODES, A WALKWAY WILL BE REQUIRED ON ONE SIDE OF THE ROAD.

4. A 7 FT PAVED SHOULDER IS REQUIRED ON ONE SIDE IF ADT IS 250 OR GREATER, OR IF SAFE WALKING CONDITIONS FOR STUDENTS ARE IMPOSED PURSUANT TO RCW 58.17.060, 58.17.110 OR APPLICABLE COUNTY CODES.

5. EASEMENT WIDTH VARIES, BUT SHALL BE NO LESS THAN 30 FEET.

SEE TEXT CHAPTER 3

**PRIVATE ROAD STANDARD – RURAL**

ROAD CLASSIFICATION	DESIGN SPEED (MPH)	PAVEMENT WIDTH	SURFACE	EASEMENT WIDTH	WALKWAY	SEE STD DRAWING
PRIVATE LOW VOLUME ACCESS (90 ADT OR LESS)	20	20'	GRAVEL	(5)	NONE	3–080
PRIVATE SUBCOLLECTOR (91 TO 1000 ADT)	30	20'–30'	PAVED	(5)	1x7' PAVED SHOULDER (4)	3–090



**SNOHOMISH COUNTY PUBLIC WORKS**

**3–060**

**ROAD STANDARDS – NON-ARTERIALS (RURAL)**

APPROVED BY:

*Stuart E. Harmon* 10-1-04  
COUNTY ROAD ENGINEER DATE

**NOTES:**

1. ROAD STANDARDS BASED ON "RESIDENTIAL STREETS", 2ND EDITION, PUBLISHED JOINTLY BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS, THE NATIONAL ASSOCIATION OF HOME BUILDERS AND THE URBAN LAND INSTITUTE.
  2. PARKING RESTRICTED TO ONE SIDE.
  3. NO RESTRICTION ON PARKING.
  4. MAY BE REDUCED UPON APPROVAL OF THE ENGINEER. REFER TO SECTION 3-06.
  5. BICYCLE LANES MAY BE REQUIRED ON ROADS THAT ARE DESIGNATED BIKEWAY ROUTES. PAVEMENT AND R/W WIDTH SHALL BE WIDENED AS NECESSARY. SEE TEXT SECTION 4-08.
  6. RIGHT OF WAY WIDTH MAY VARY. SEE TEXT SECTION 3-03B.
  7. FOR RESIDENTIAL ROADS SERVING 90 ADT OR LESS AND HAVING NO POTENTIAL FOR CONNECTIVITY, SIDEWALKS AND PLANTERS ARE NOT REQUIRED. HOWEVER, WHERE SAFE WALKING CONDITIONS FOR STUDENTS ARE IMPOSED PURSUANT TO RCW 58.17.060, 58.17.110 OR APPLICABLE COUNTY CODES, A SIDEWALK ONLY WILL BE REQUIRED ON ONE SIDE OF THE ROAD
- SEE TEXT CHAPTER 3

**PUBLIC AND PRIVATE ROAD STANDARD – URBAN**

ROAD CLASSIFICATION	DESIGN SPEED (MPH)	PAVEMENT WIDTH	TRAVEL LANES	PARKING LANE	PLANTER WIDTH	SIDEWALK WIDTH	⑤ R/W WIDTH ⑥	SEE STD DRAWING
RESIDENTIAL (ADT 1 – 1000)	25 ④	28'	2x10'	1x8' ②	5' MIN. ⑦	5' MIN. ⑦	51'–55'	3-050
COLLECTOR (ADT 1001 – 3000)	30–35 ④	36'	2x10'	2x8' ③	5' MIN.	5' MIN.	59'–63'	3-050



**SNOHOMISH COUNTY PUBLIC WORKS**

**3-065**

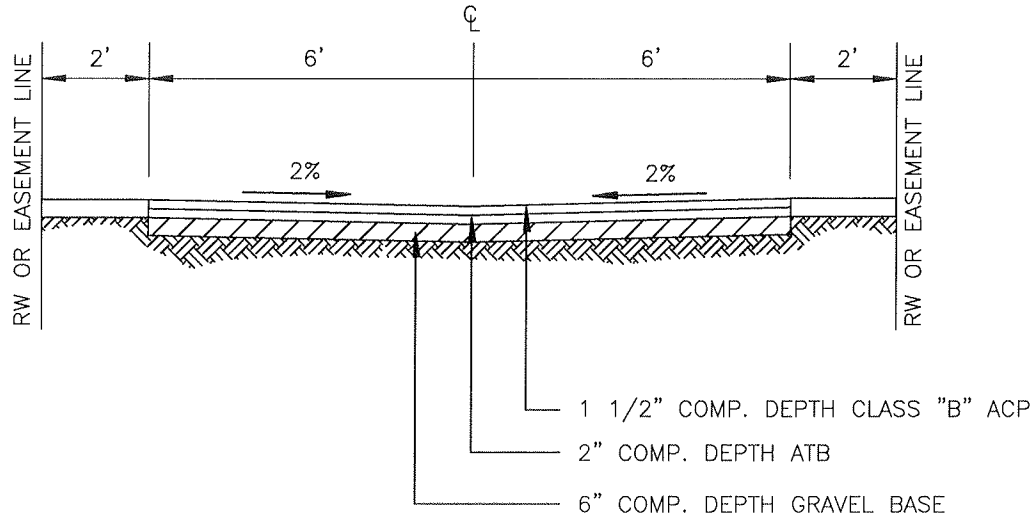
**ROAD STANDARDS – NON-ARTERIALS (URBAN)**

APPROVED BY:

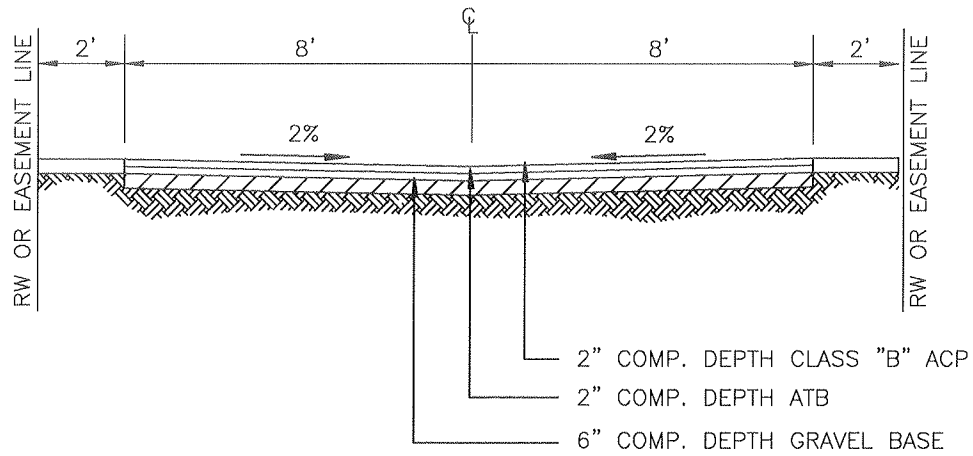
*Steven E. Harmon* 10-1-04

COUNTY ROAD ENGINEER

DATE



RESIDENTIAL



COMMERCIAL

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SNOHOMISH COUNTY PUBLIC WORKS

3-102

ALLEYS-RESIDENTIAL & COMMERCIAL

APPROVED BY:

*Stewart E. Thorne* 10-1-04

COUNTY ROAD ENGINEER

DATE