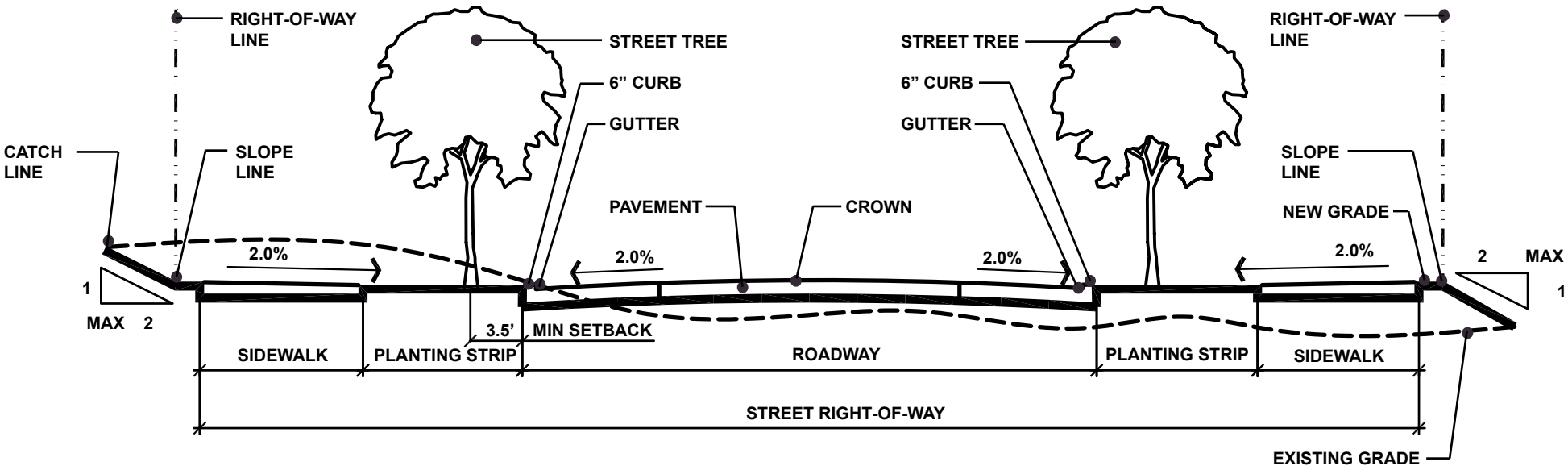



Figure 4-1 September 2005

Standard Design Cross Section

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE

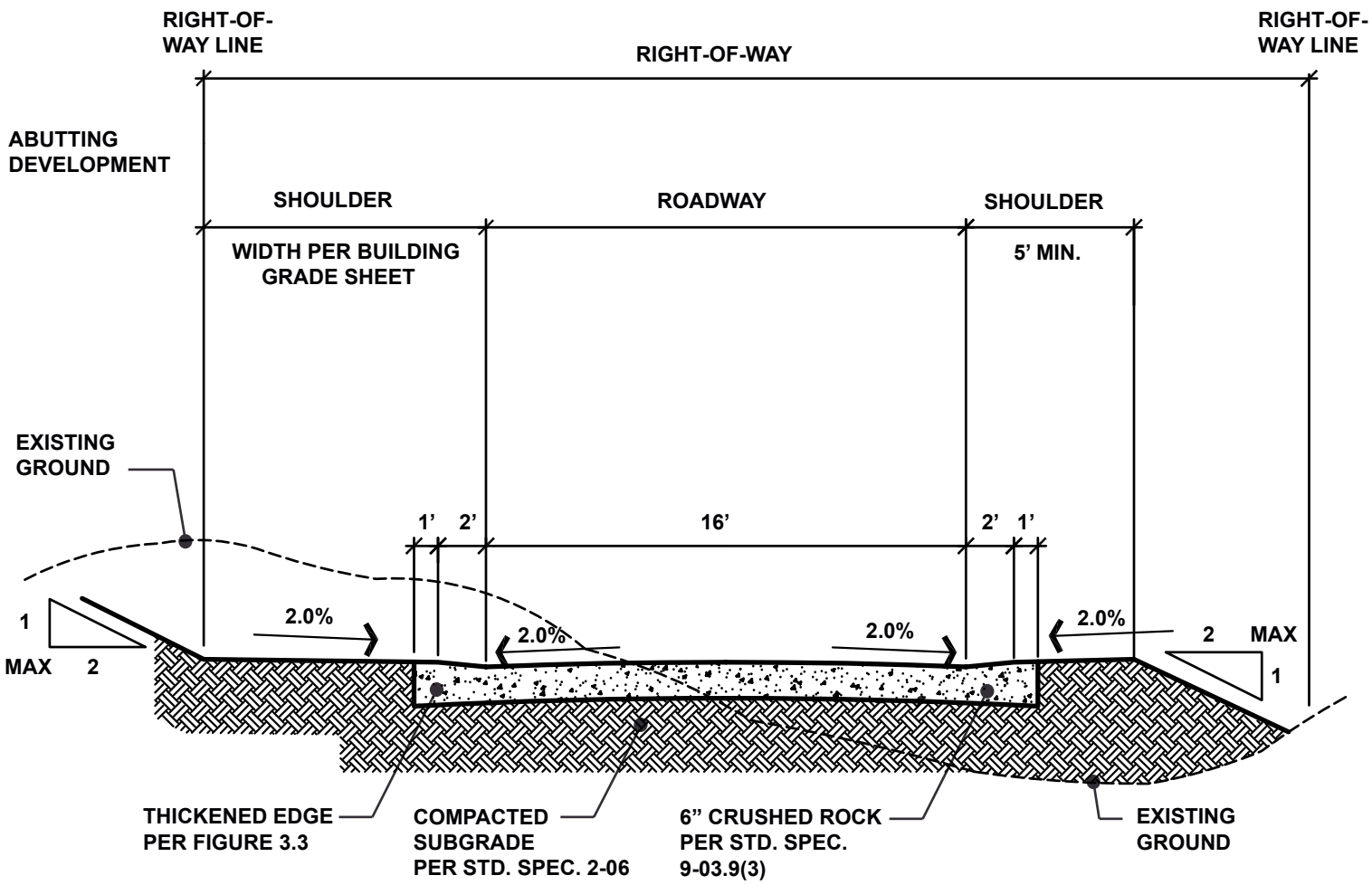



Figure 4-2 September 2005

Crushed Rock Improvement

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

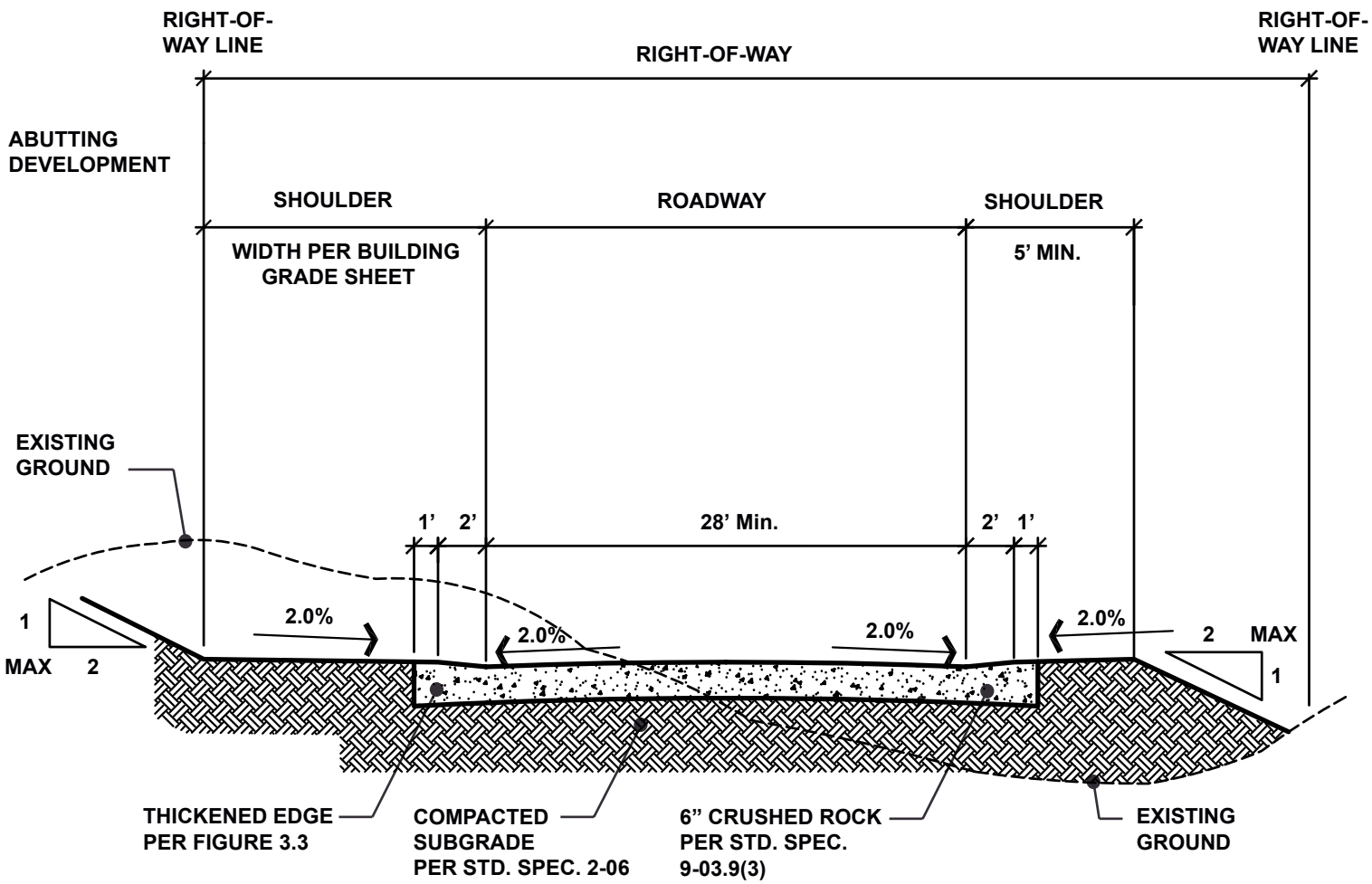



Figure 4-3 September 2005

Crushed Rock Improvement
Industrial Zones

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

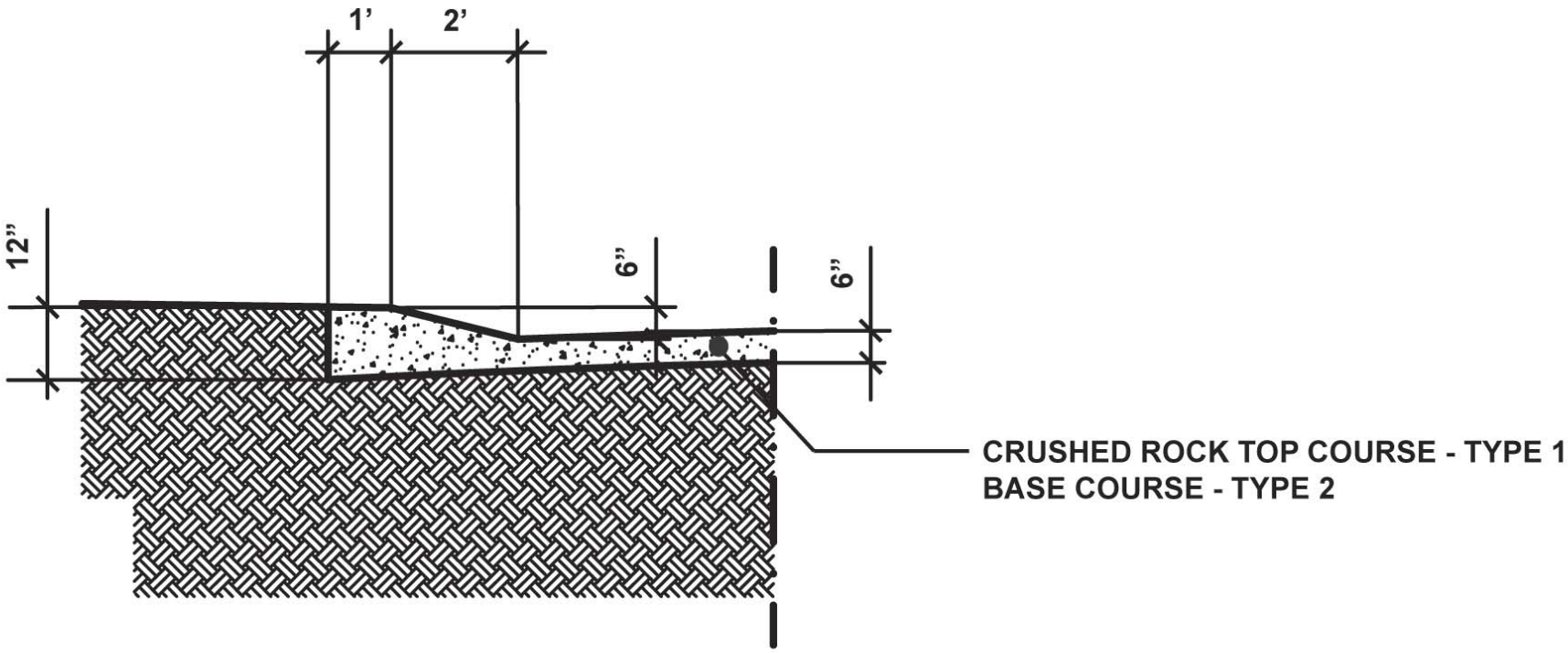



Figure 4-4 September 2005

Crushed Rock Improvement
Edged Detail

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

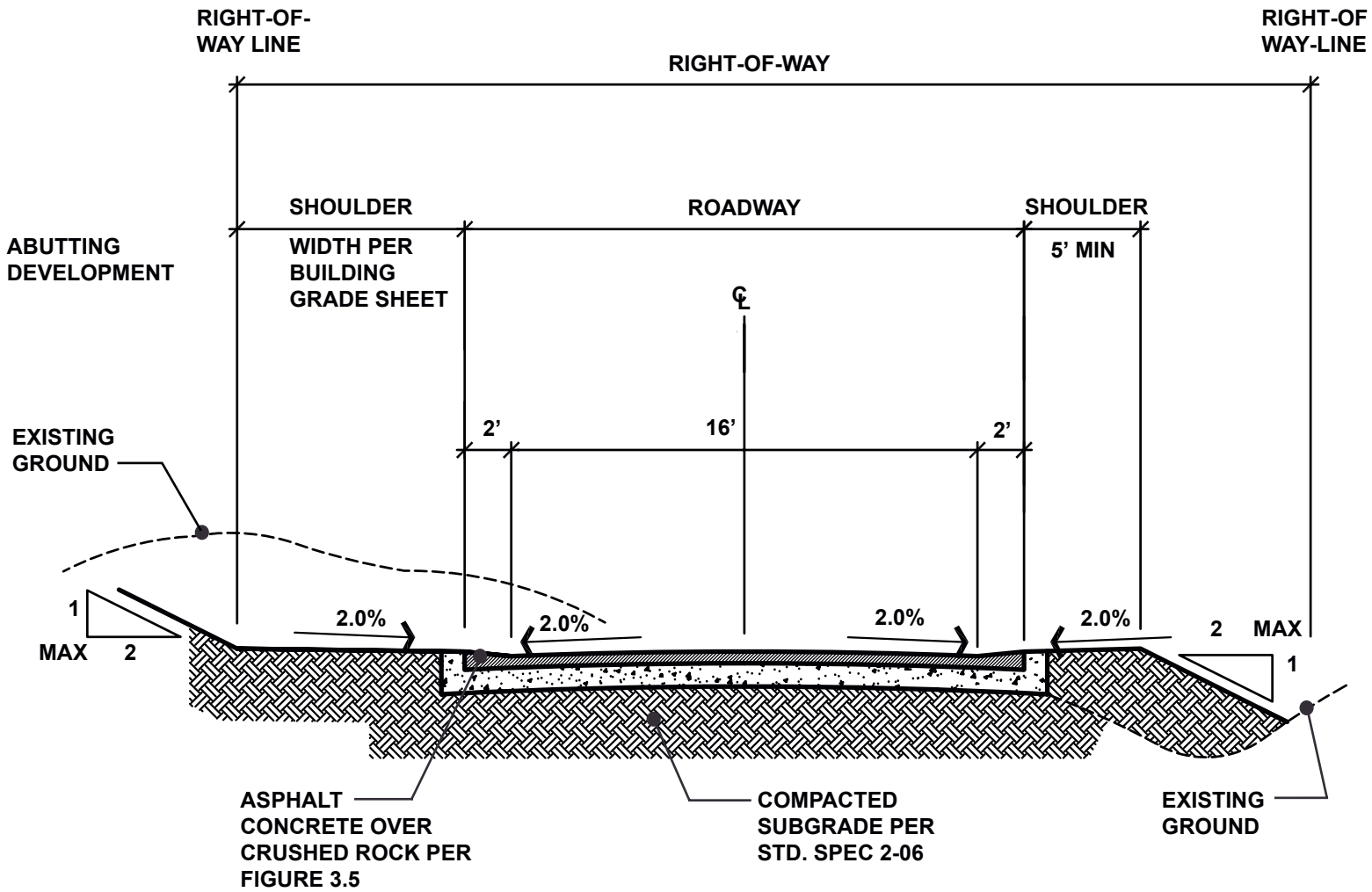



Figure 4-5 September 2005

Asphalt Concrete Pavement: New Pavement
For Streets without Existing Hard Surface

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

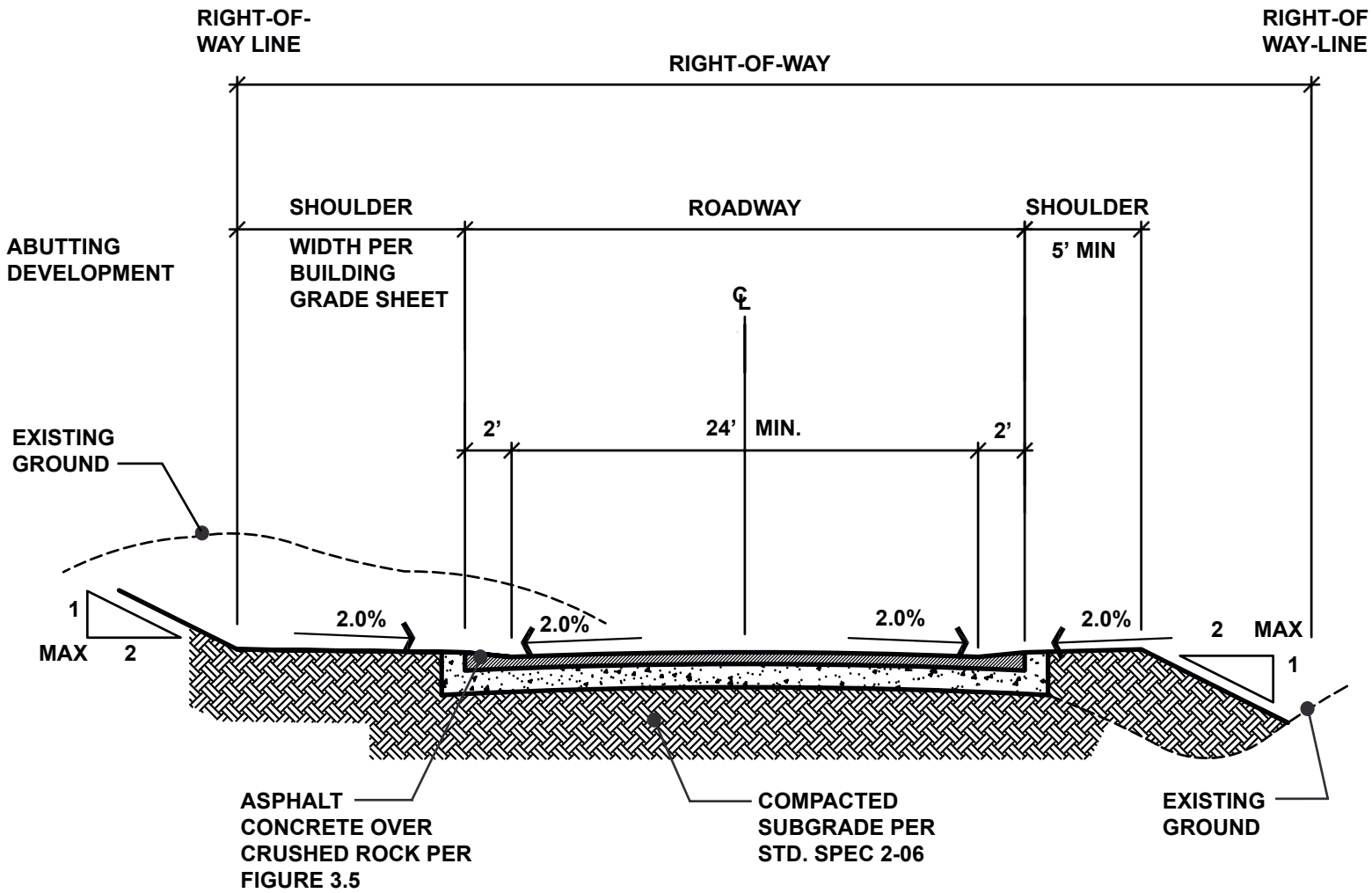



Figure 4-6 September 2005

Asphalt Concrete Pavement: New Pavement For Streets without Existing Hard Surface in Industrial Zones

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

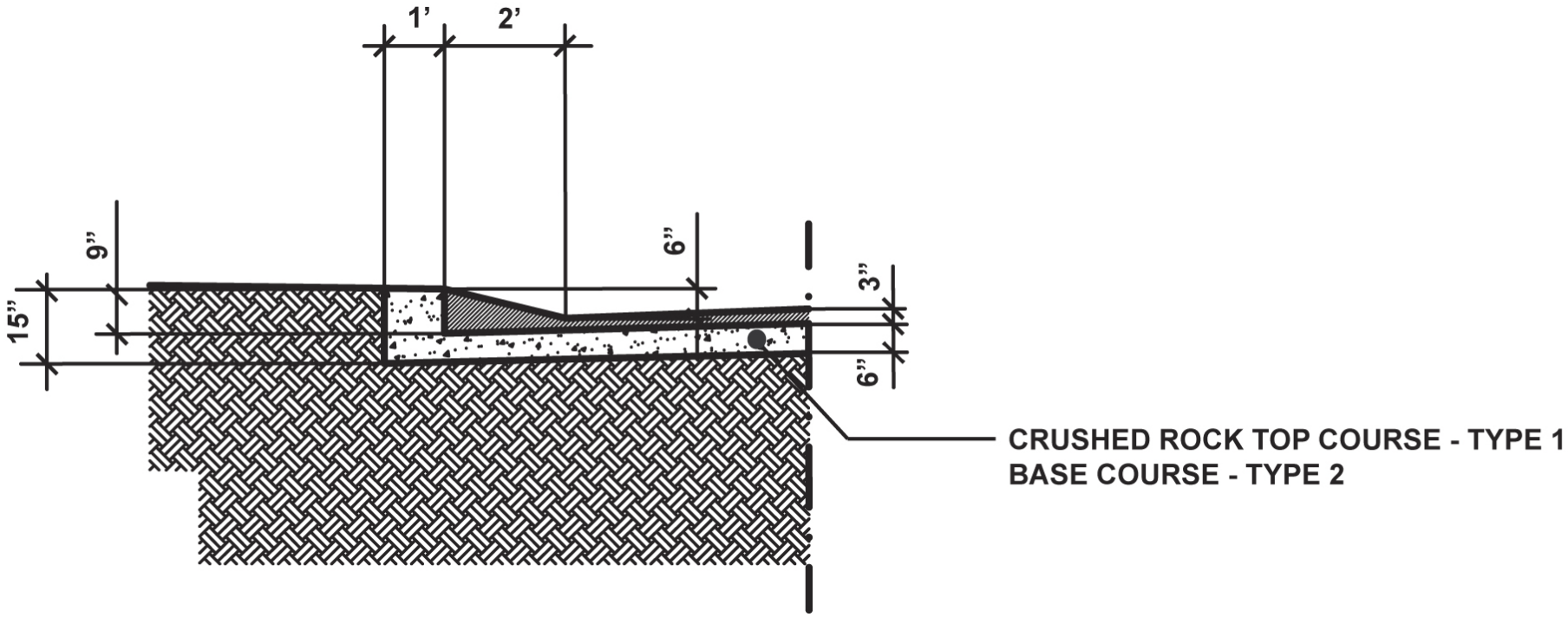



Figure 4-7 September 2005

Asphalt Thickened Edge Detail

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

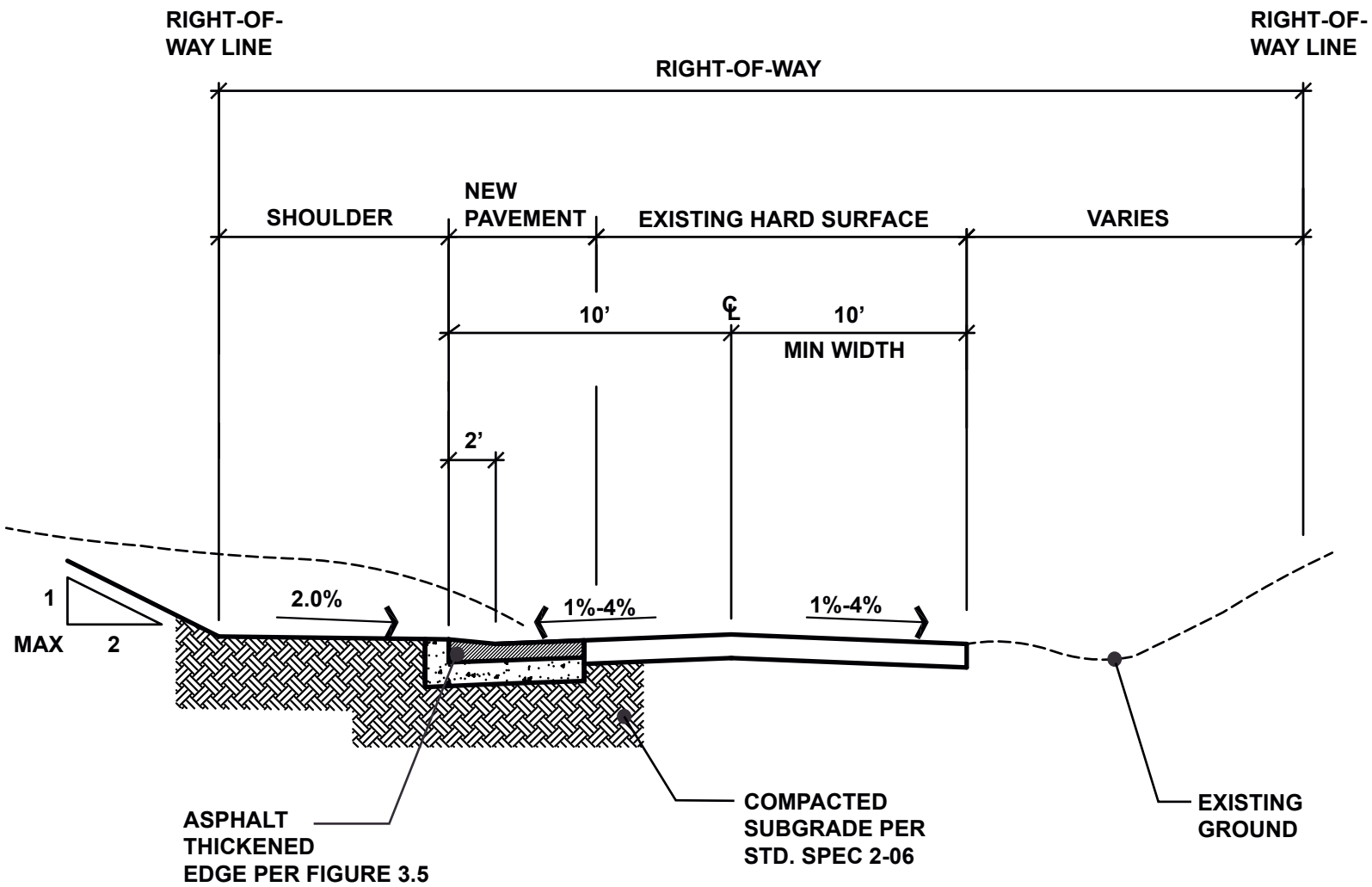
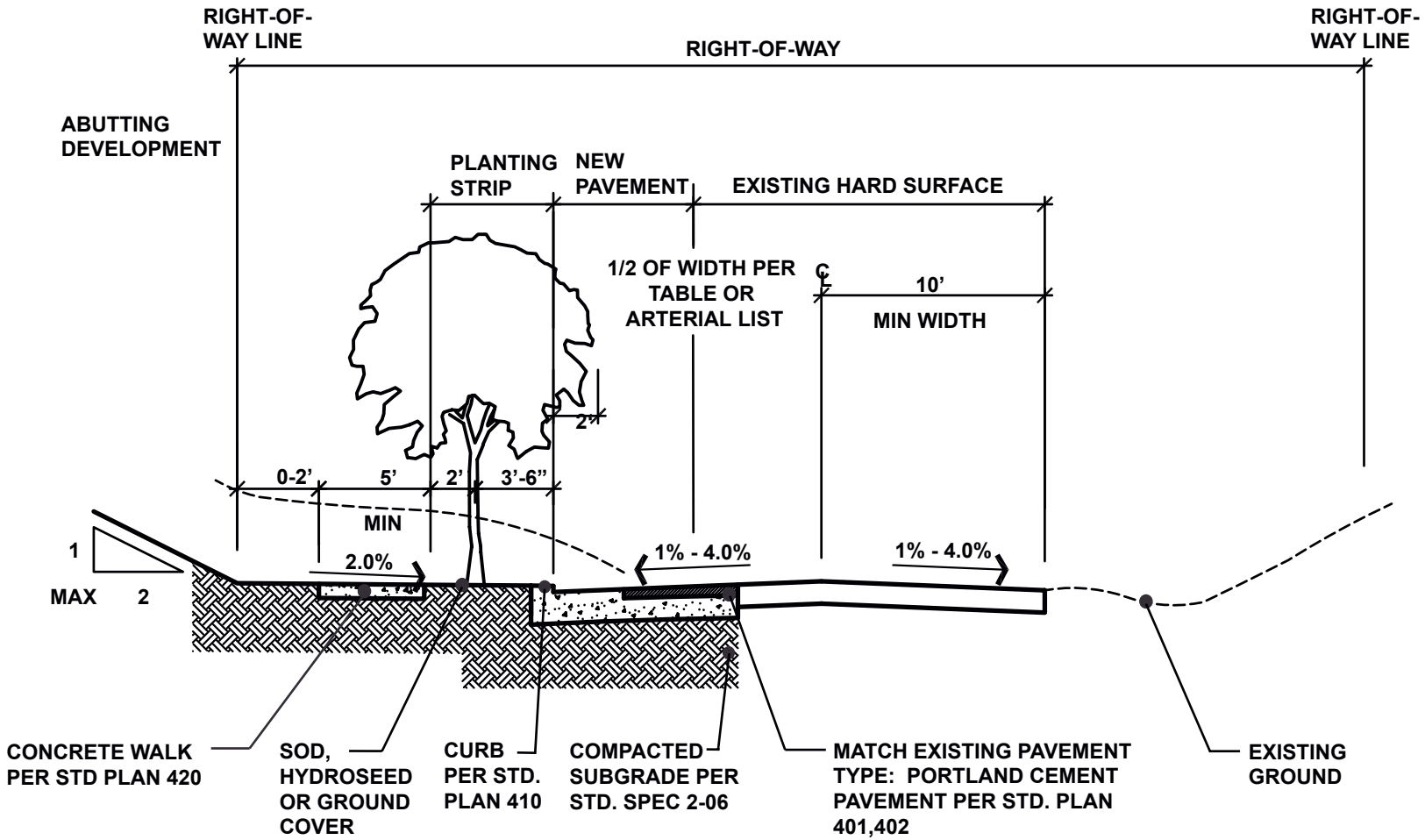



Figure 4-8 September 2005

Asphalt Concrete Pavement: Pavement Widening For Existing Hard Surface Streets

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE



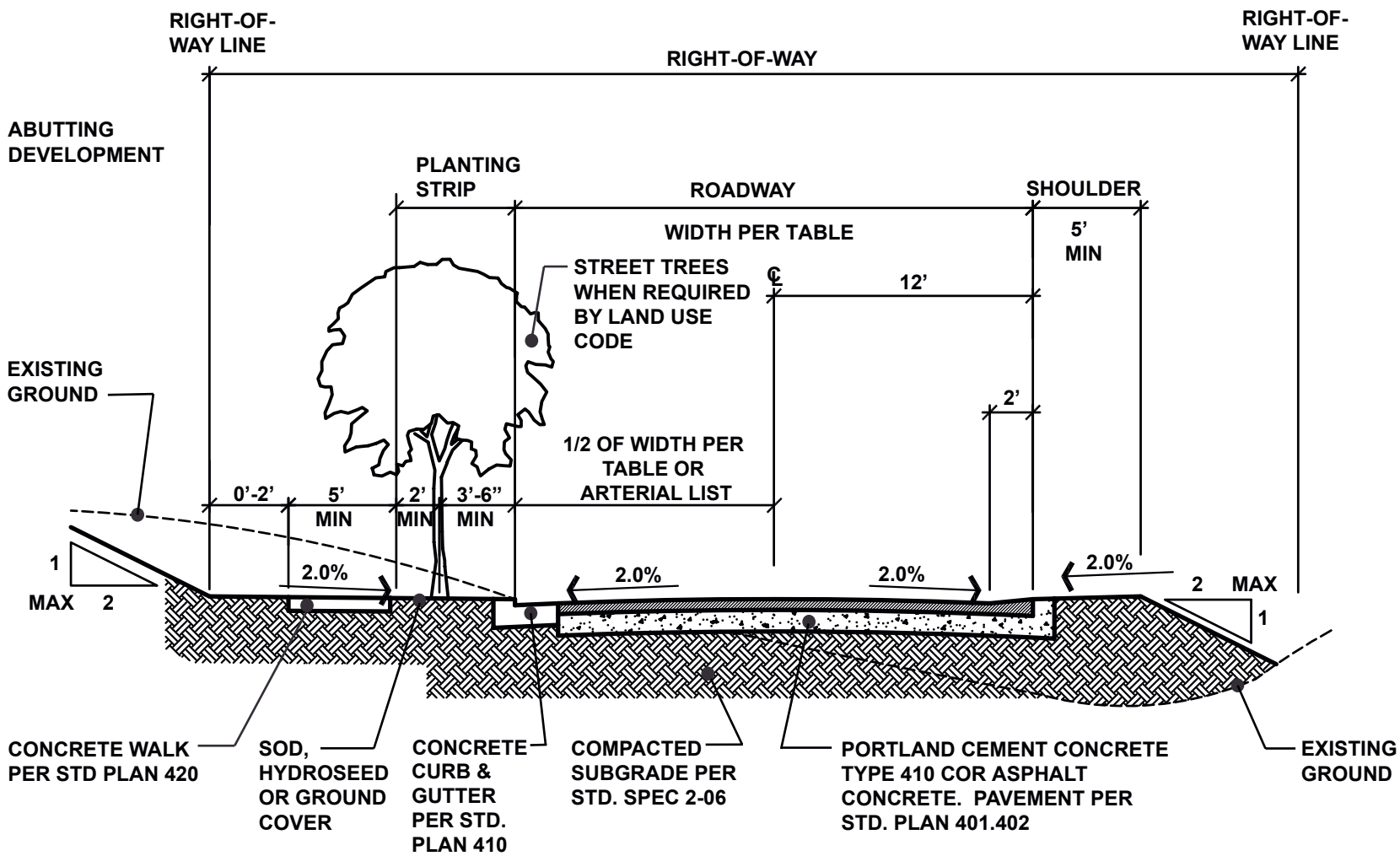

*REFER TO XXX

Figure 4-9 September 2005

Pavement Widening For Existing Hard Surface Streets

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE




*REFER TO XXX

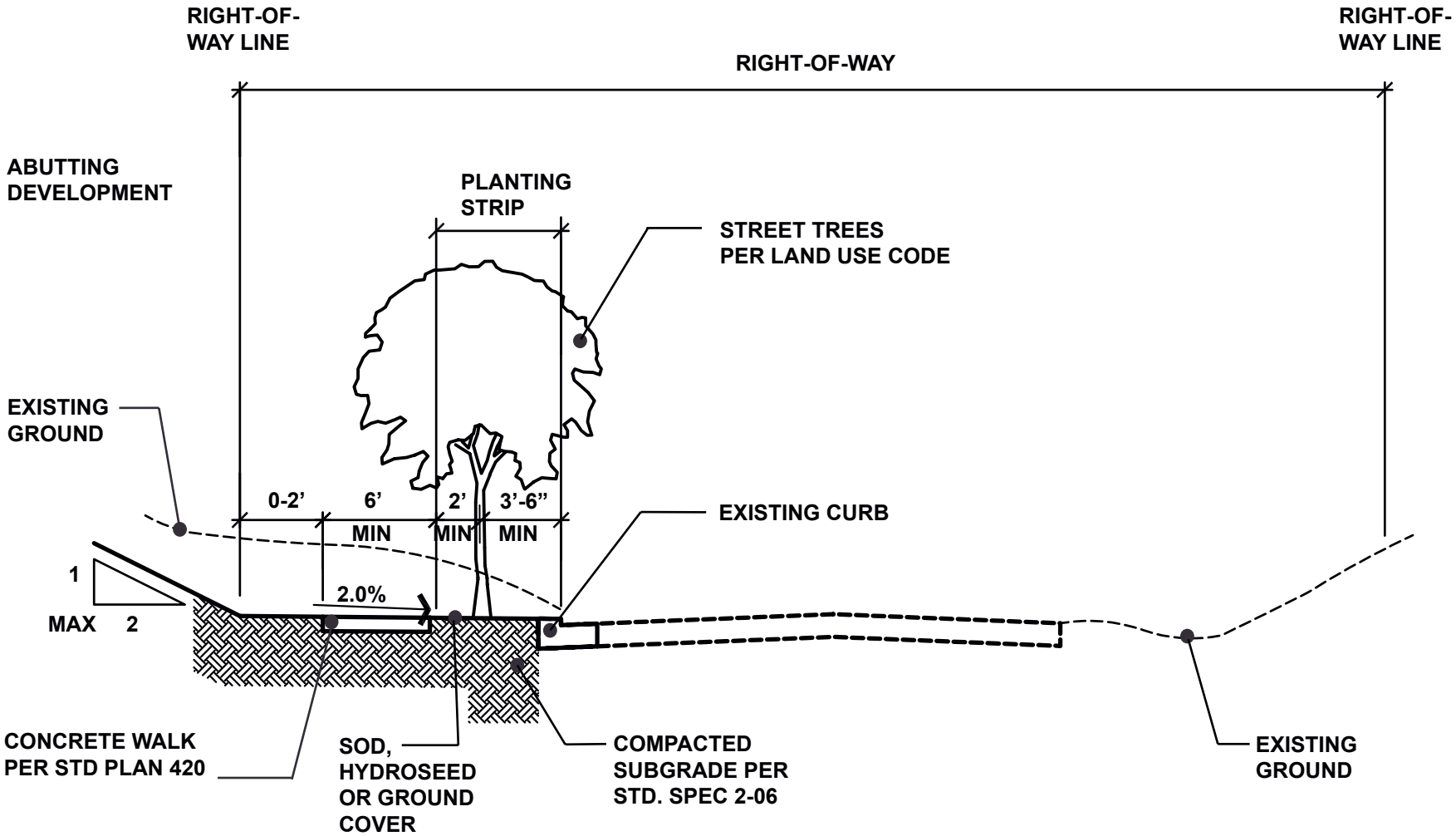
Figure 4-10 September 2005

Curb and Sidewalk Improvement: New Pavement

For Streets without Existing Hard Surface

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE




*REFER TO CHAPTER 3: NEW STREETS | WIDTH REQUIREMENTS

Figure 4-11 September 2005

New Concrete Sidewalk with Existing Curb

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

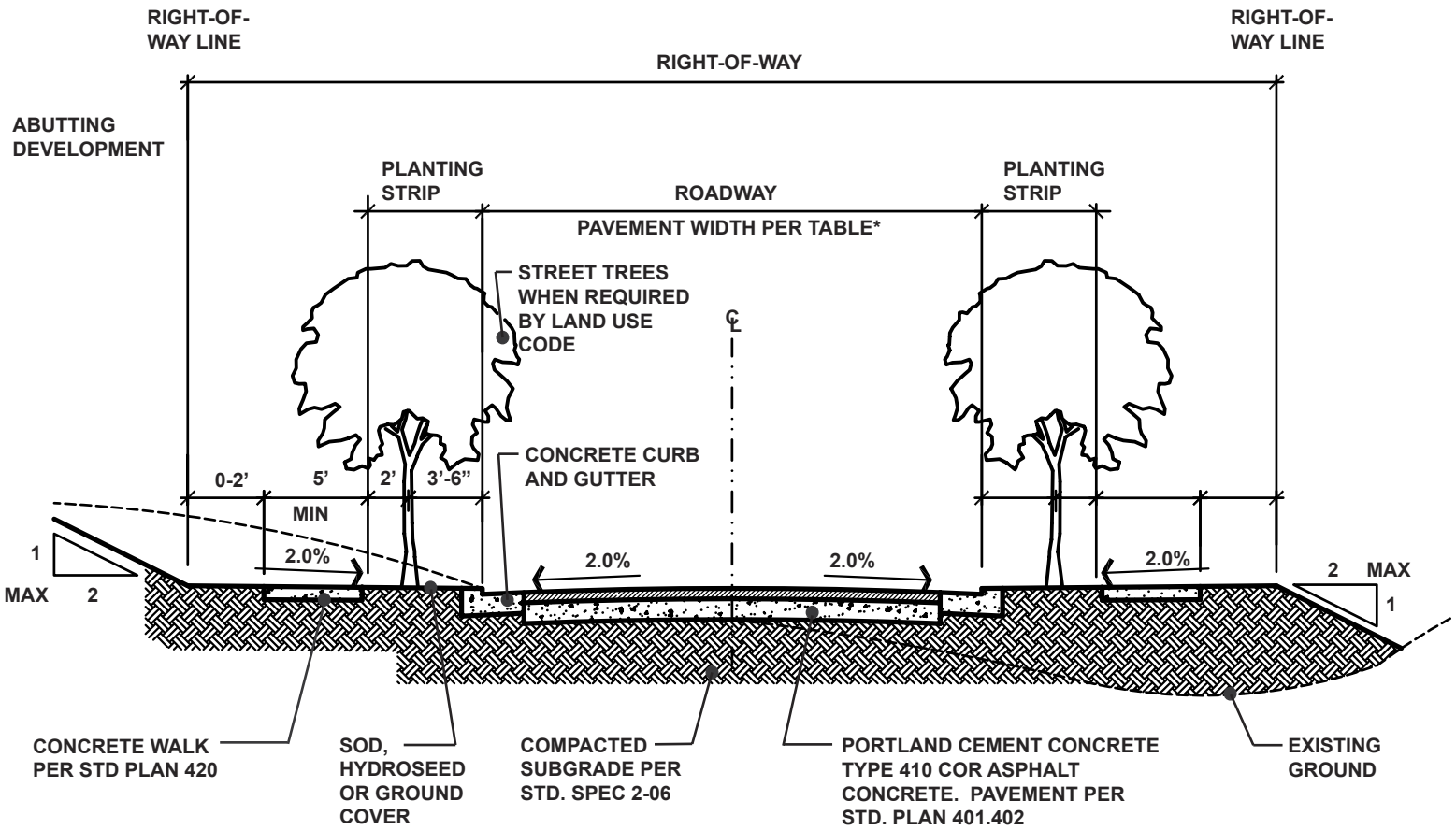


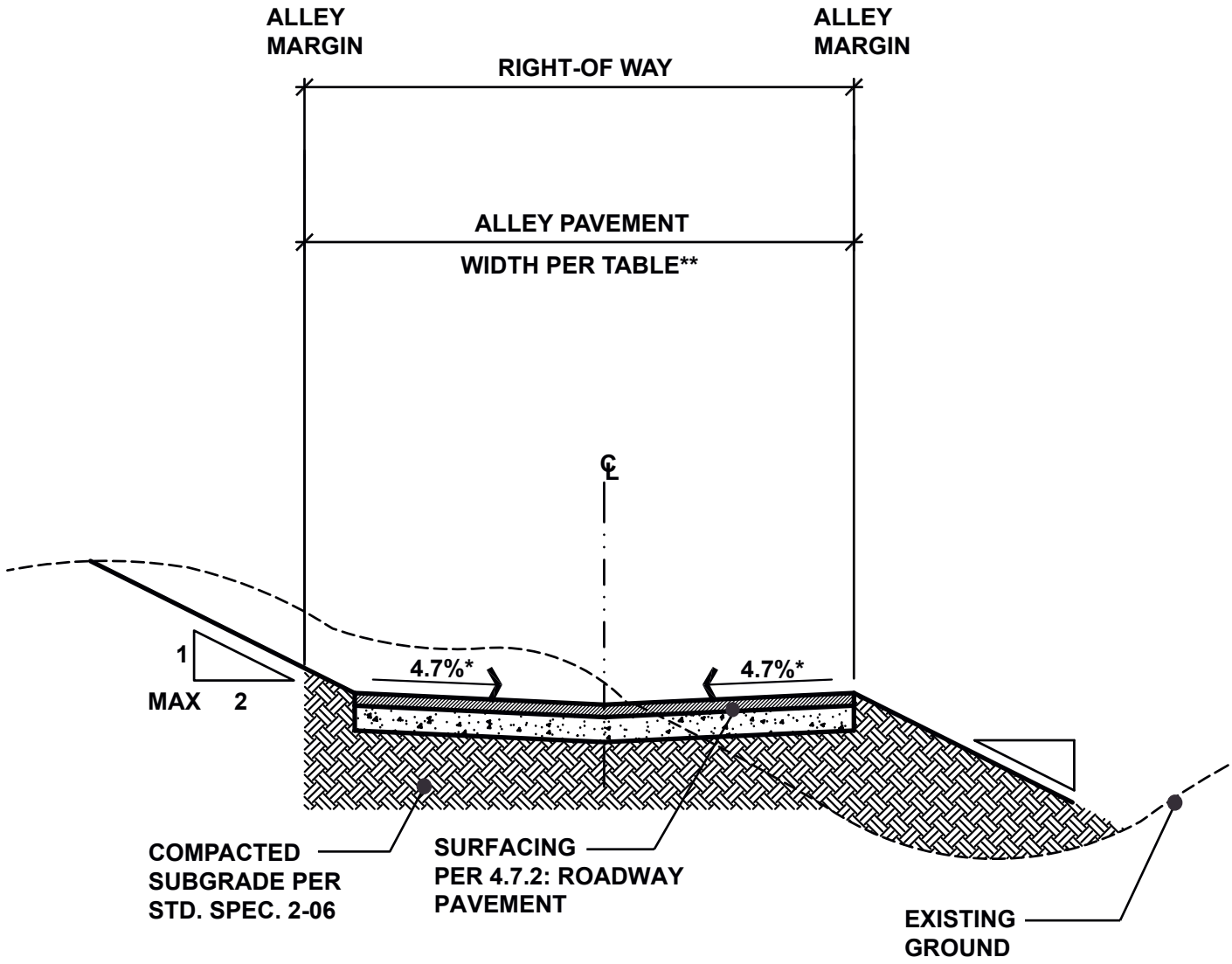

Figure 4-12 September 2005

Full Improvements for Newly Dedicated Streets

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE

*REFER TO CHAPTER 3: NEW STREETS | WIDTH REQUIREMENTS




*** SEE STD PLAN 403.**
**ALLEY IMPROVEMENTS SHALL CONSIDER AN ADA ACCESSIBLE ROUTE FOR THE ENTIRE ALLEY.**

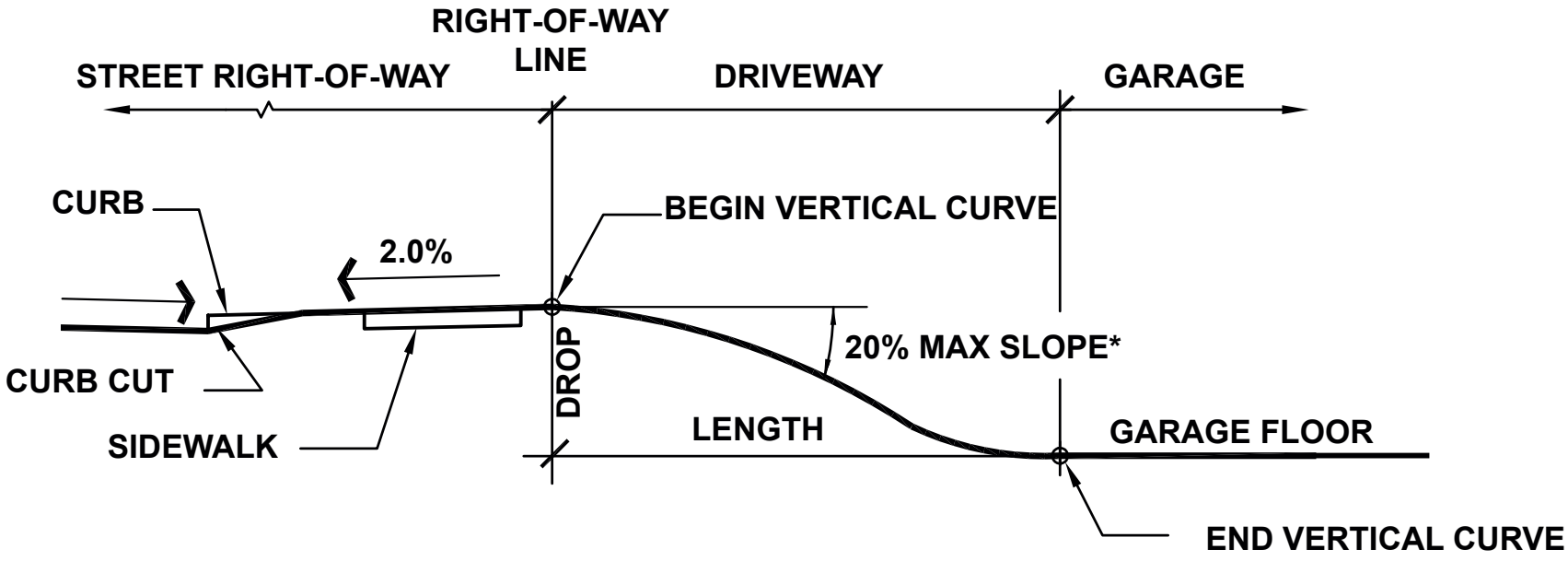
****REFER TO CHAPTER 3: NEW STREETS | WIDTH REQUIREMENTS**

Figure 4-13 September 2005

Alley Improvement

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE




*FOR BACK-IN ACCESS ONLY, MAX SLOPE IS 10%

Figure 4-14 September 2005

Driveway Slope

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE

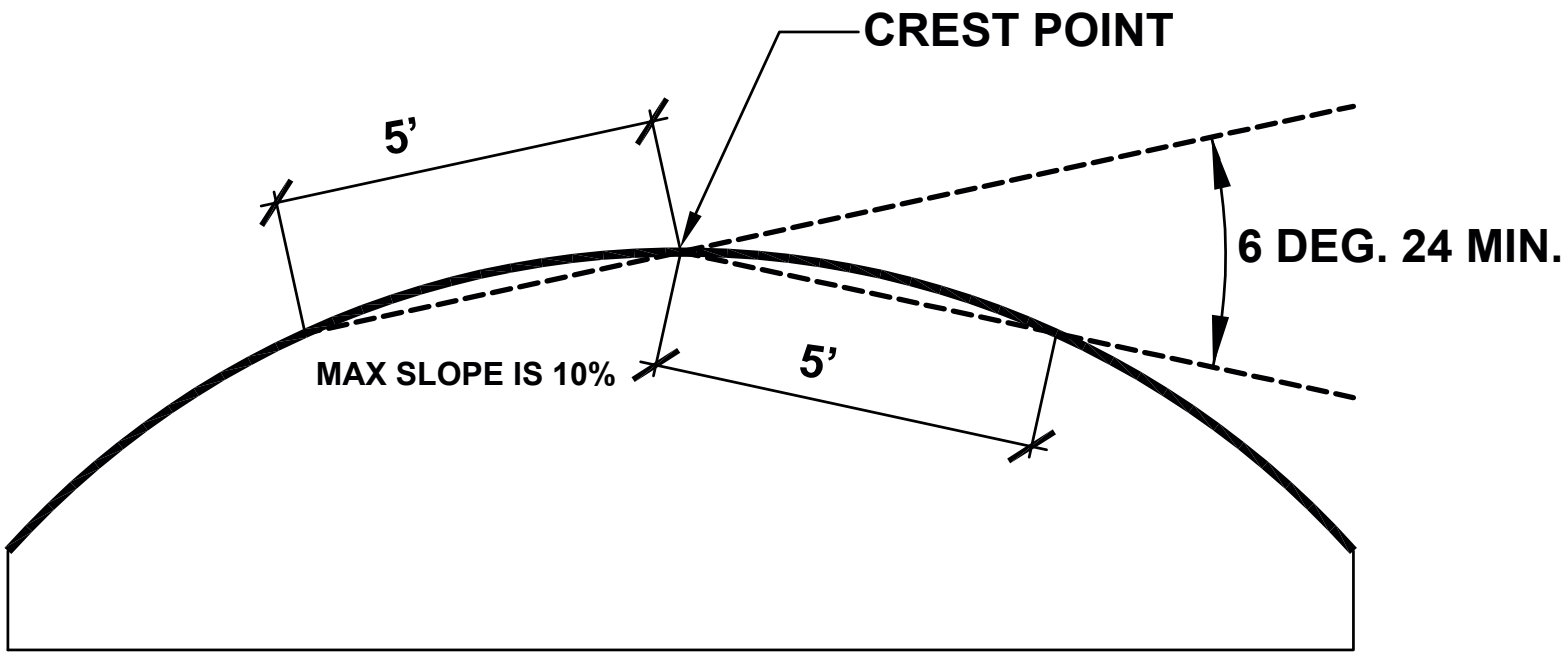



Figure 4-12 September 2005

Maximum Grade Curvatures for Driveways:
Crest Vertical Curve

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

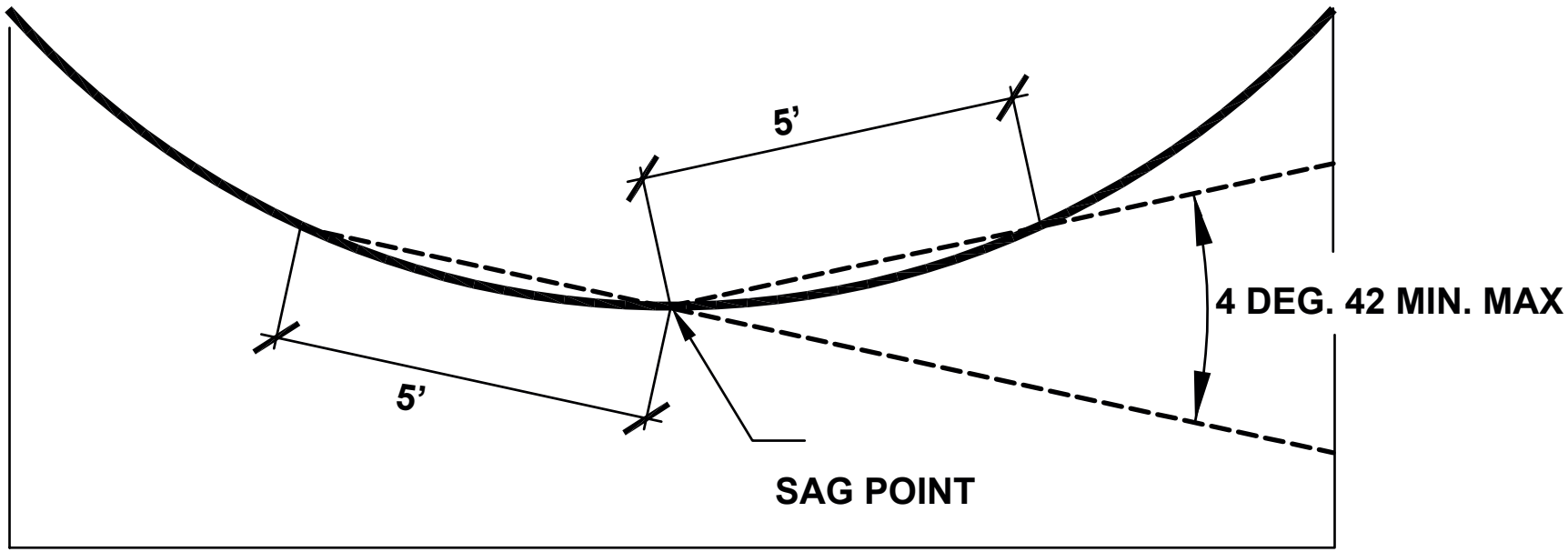



Figure 4-13 September 2005

Maximum Grade Curvatures for Driveways:
Sag Vertical Curve

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

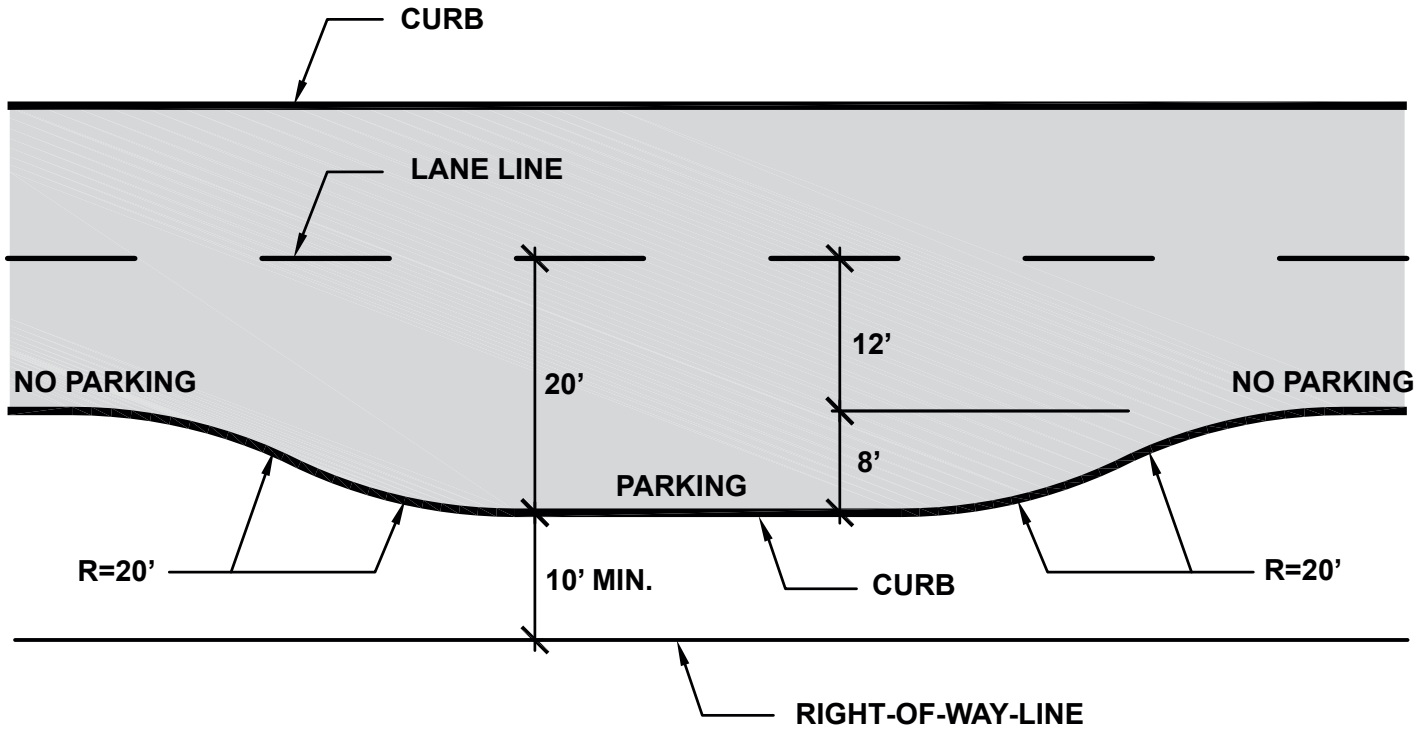



Figure 4-17 September 2005

Parking Curb Setback

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

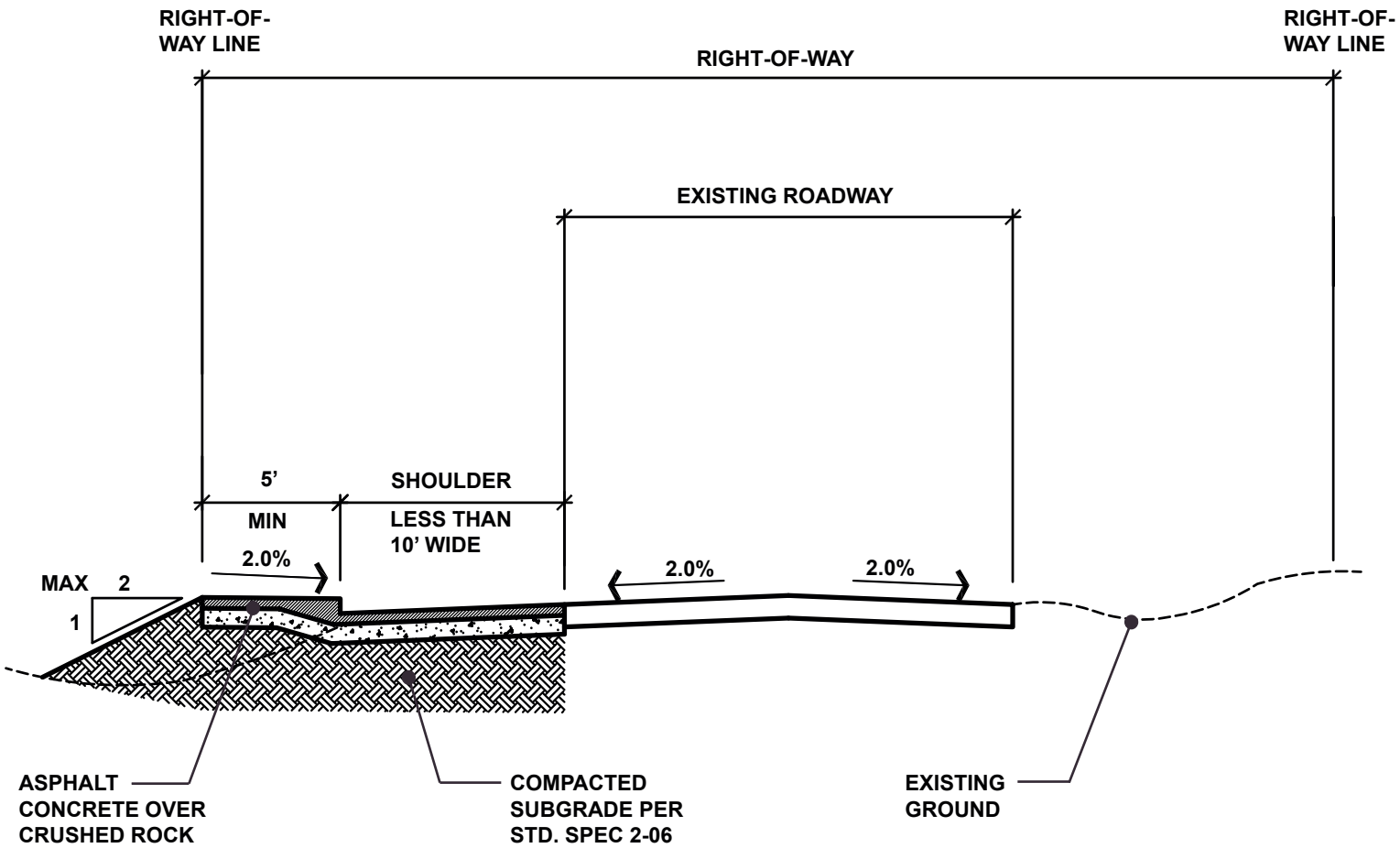



Figure 4-18 September 2005

Asphalt Pedestrian Walkway

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE

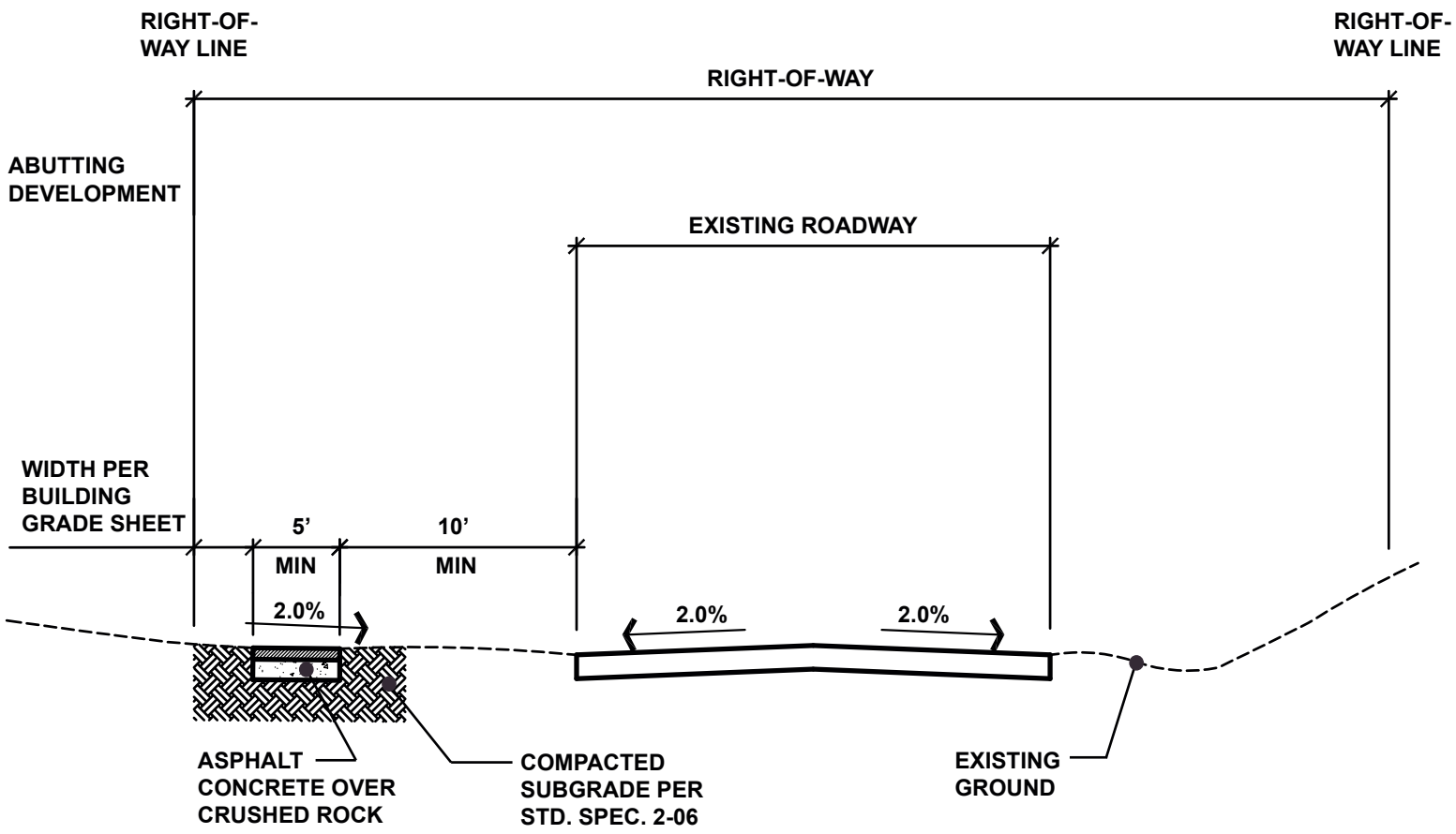
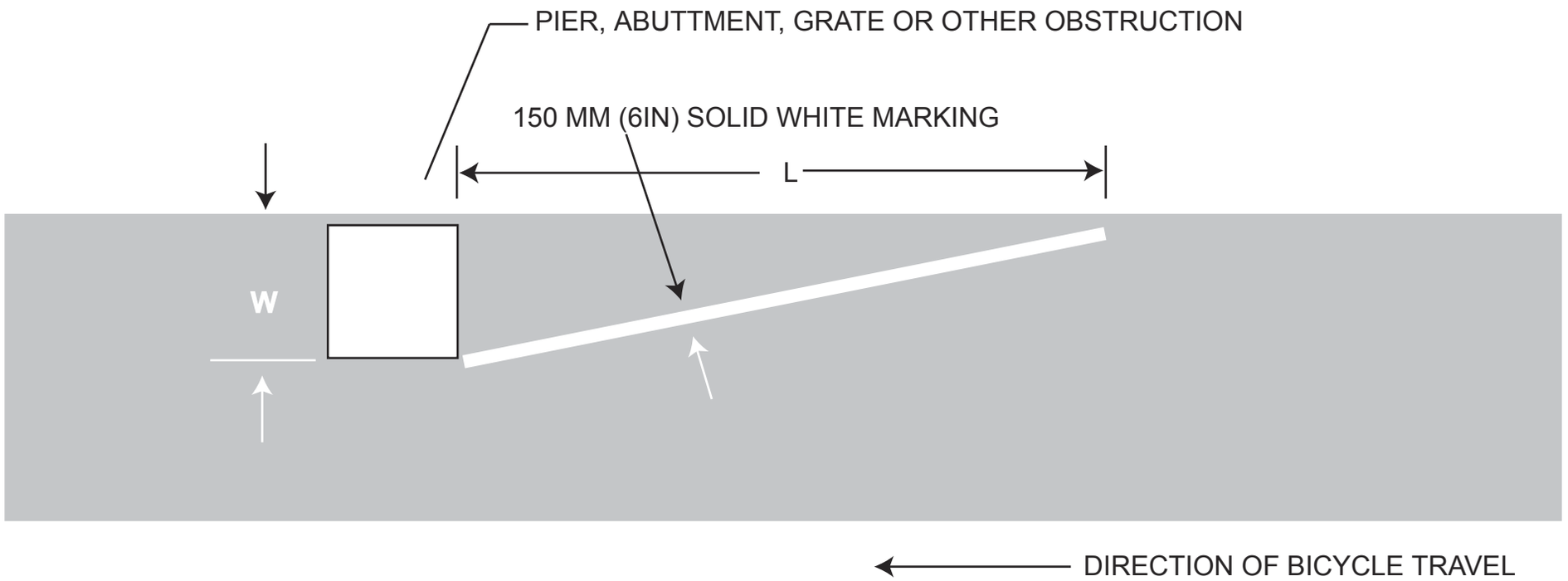



Figure 4-19 September 2005

Asphalt Pedestrian Walkway 10 Feet or More From Existing Roadway

SEATTLE
RIGHT-OF-WAY
manual

NOT TO SCALE




FOR METRIC UNITS:
L=0.62 WV, WHERE V IS BICYCLE APPROACH SPEED (KM/H)

FOR ENGLISH UNITS:
L: WV, WHERE V IS BICYCLE APPROACH SPEED (MPH)

Figure 4-20 September 2005

Obstruction Warning Pavement Marking

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE

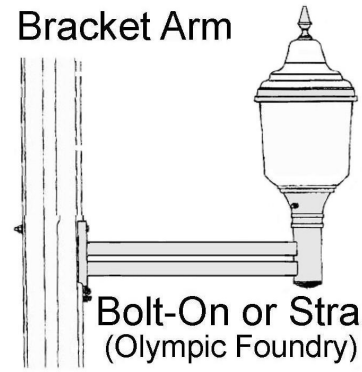
Z11

Z15

Z40

Z47A

Bracket Arm



Bolt-On or Strap-On
(Olympic Foundry)

Colors

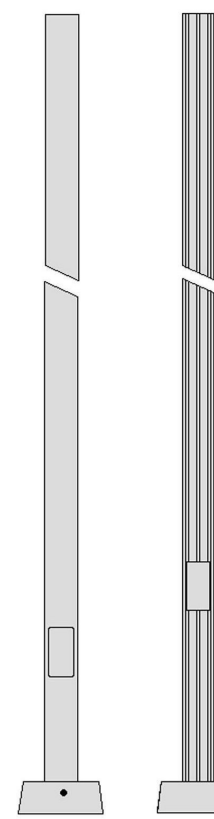
**BKTX**, Textured Black

**GYTX**, Textured Grey

**GN8TX**, Textured Dark Green

**BRTX**, Textured Bronze

Poles and Bases



APR4 P134A

B104 B40

Preapproved Manufacturer - Lumec

Figure 4-21 September 2005

Pedestrian Lighting Sections

SEATTLE
RIGHT-OF-WAY
manual

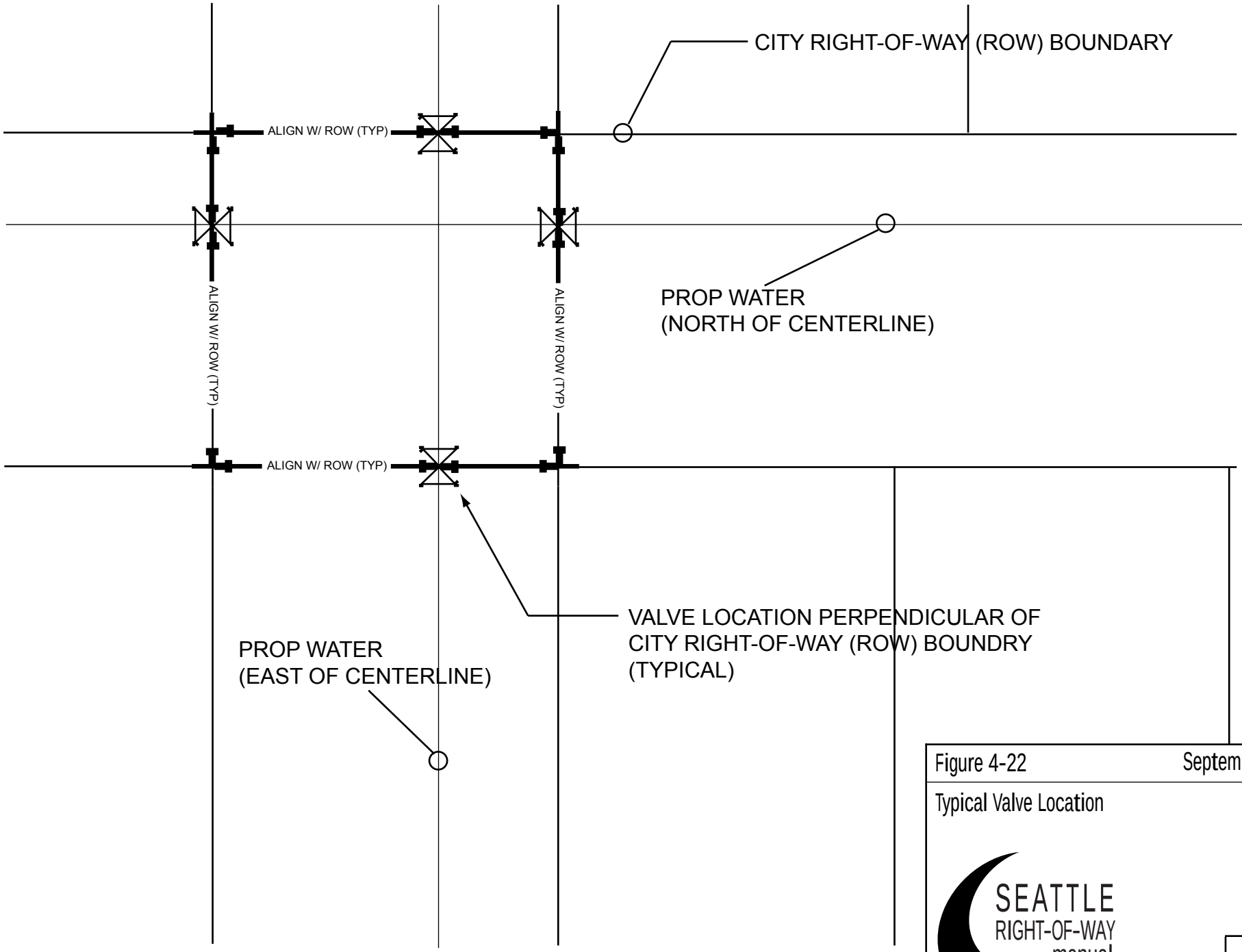


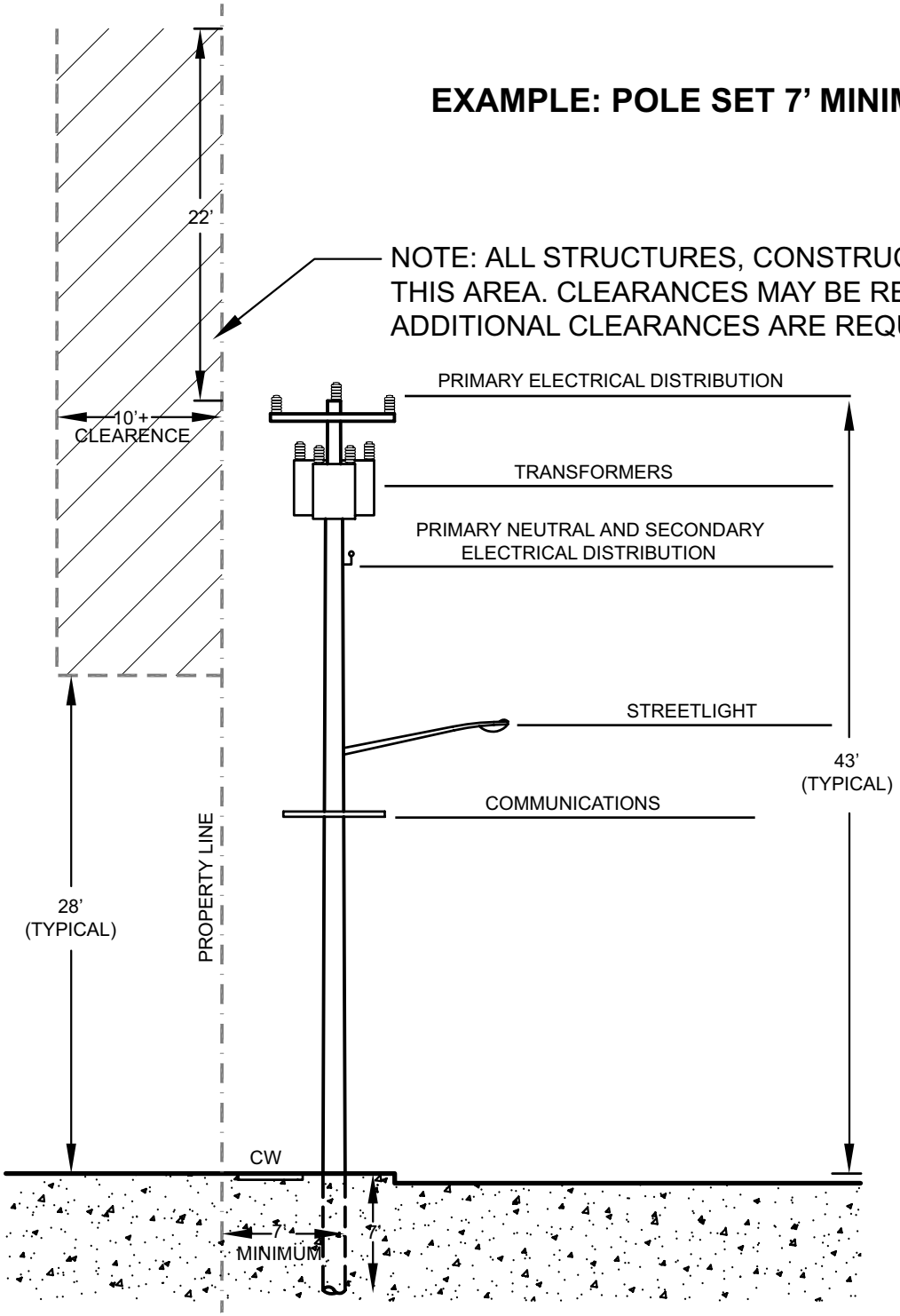

Figure 4-22 September 2005

Typical Valve Location

SEATTLE
RIGHT-OF-WAY
manual

N
W E
S
NOT TO SCALE

## EXAMPLE: POLE SET 7' MINIMUM TO PROPERTY LINE




NOTE: ALL STRUCTURES, CONSTRUCTION AND MAINTENANCE ACTIVITIES PROHIBITED IN THIS AREA. CLEARANCES MAY BE REQUIRED IF POLES AND WIRES ARE NOT PRESENT. ADDITIONAL CLEARANCES ARE REQUIRED FOR BUILDING MAINTENANCE ACTIVITY.

=MINIMUM SETBACK OF FINISHED BUILDING OR STRUCTURE REQUIRED FOR UTILITY CLEARANCE FROM SCL ELECTRICAL OVERHEAD UTILITY.

**TYPICAL SCL CONSTRUCTION**

THE SEATTLE CITY LIGHT (SCL) 26KV OVERHEAD POWER DISTRIBUTION REQUIRES A MINIMUM HORIZONTAL AND VERTICAL CLEARANCE FROM BUILDINGS AND STRUCTURES PER THE MOST RESTRICTIVE ELEMENTS AMONGST CURRENT WASHINGTON ADMINISTRATIVE CODE (WAC 296-155-428, WAC 296-24-960), NATIONAL ELECTRIC SAFETY CODE (NESC-2002, RULES 236/237), AND SCL CONSTRUCTION GUIDELINE (D2-3).

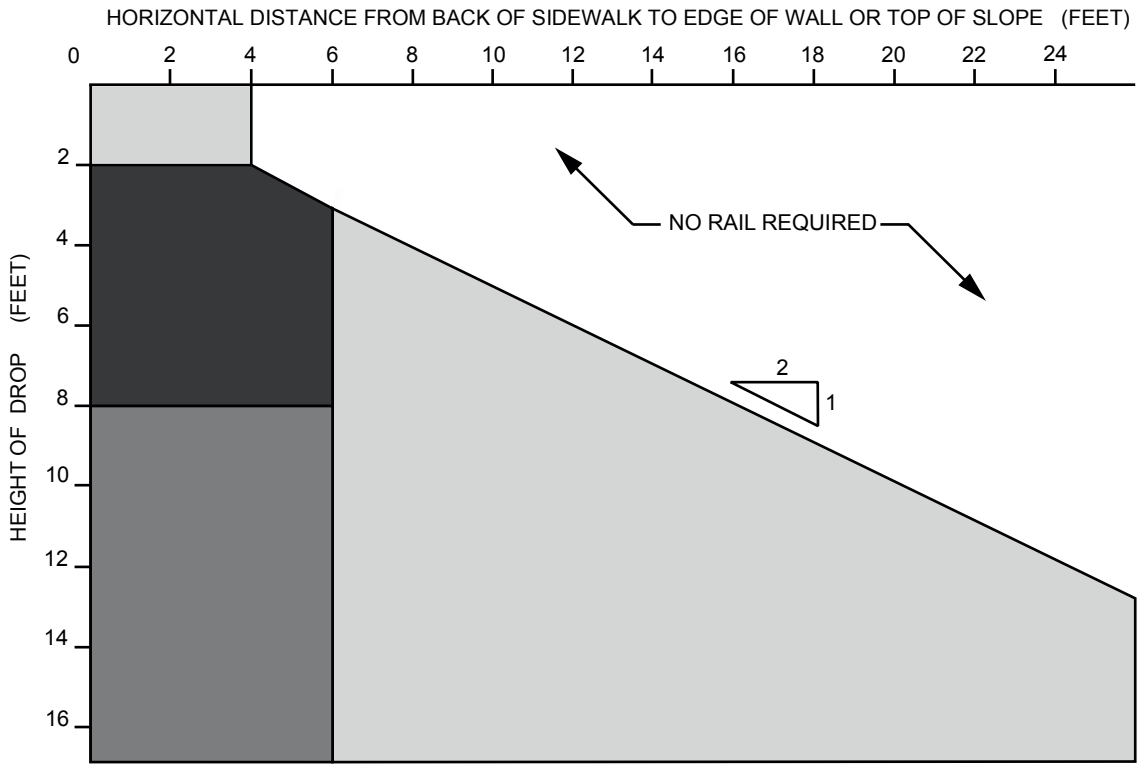
POLE LOCATION WITHIN STREET RIGHT-OF-WAY MUST HAVE SDOT APPROVAL.

Figure 4-23 September 2005

Seattle City Light Utility Clearance

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE




RAILINGS SHALL BE DESIGNATED AS “HANDRAILS” OR “PEDESTRIAN RAILS” AND THEIR USAGE SHALL BE AS DETERMINED BY THE DIAGRAM.

HANDRAILS SHALL BE DESIGNED IN ACCORDANCE WITH SEATTLE STANDARD PLAN 441 OR 443, AS APPROPRIATE.

PEDESTRIAN RAILINGS SHALL BE DESIGNED IN ACCORDANCE WITH INSTRUCTIONS PROVIDED BY THE ENGINEERING SERVICES DIVISION OF THE ENGINEERING DEPARTMENT OR RULES DEVELOPED FOR THIS PURPOSE BY THE DIRECTOR OF ENGINEERING.

Figure 4-24 September 2005

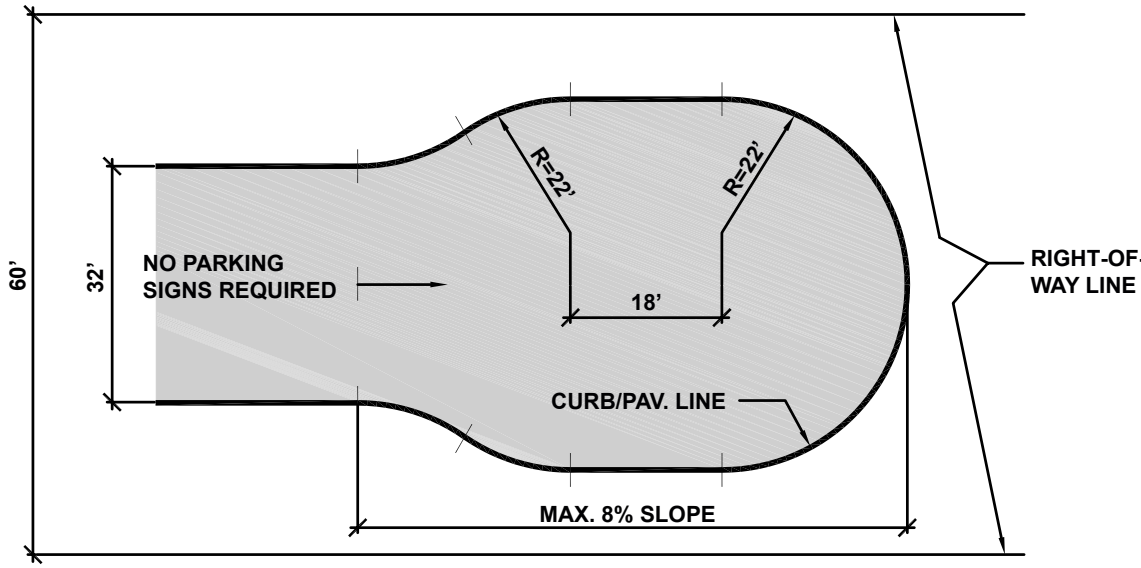
Determination of Handrails vs. Pedestrian Rails

LEGEND

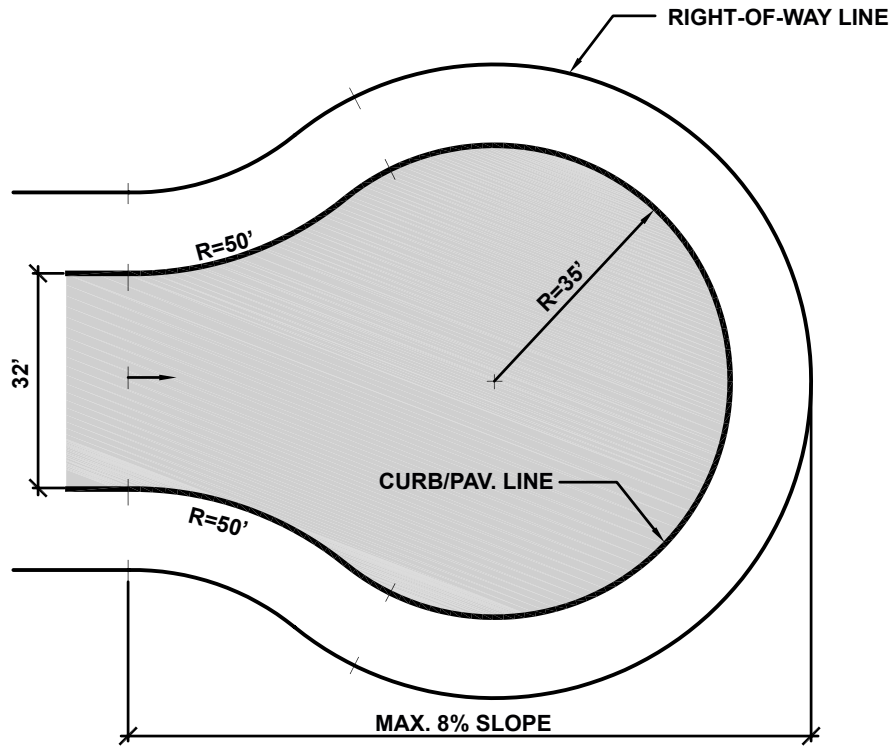
- Railing requirements to be determined by SDOT
- Handrail or other barrier device as approved by SDOT
- Pedestrian rail

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE




**WITHIN EXISTING 60' RIGHT-OF-WAY**




**NEW PLATTED STREET**

Figure 4-25 September 2005

Cul de Sacs

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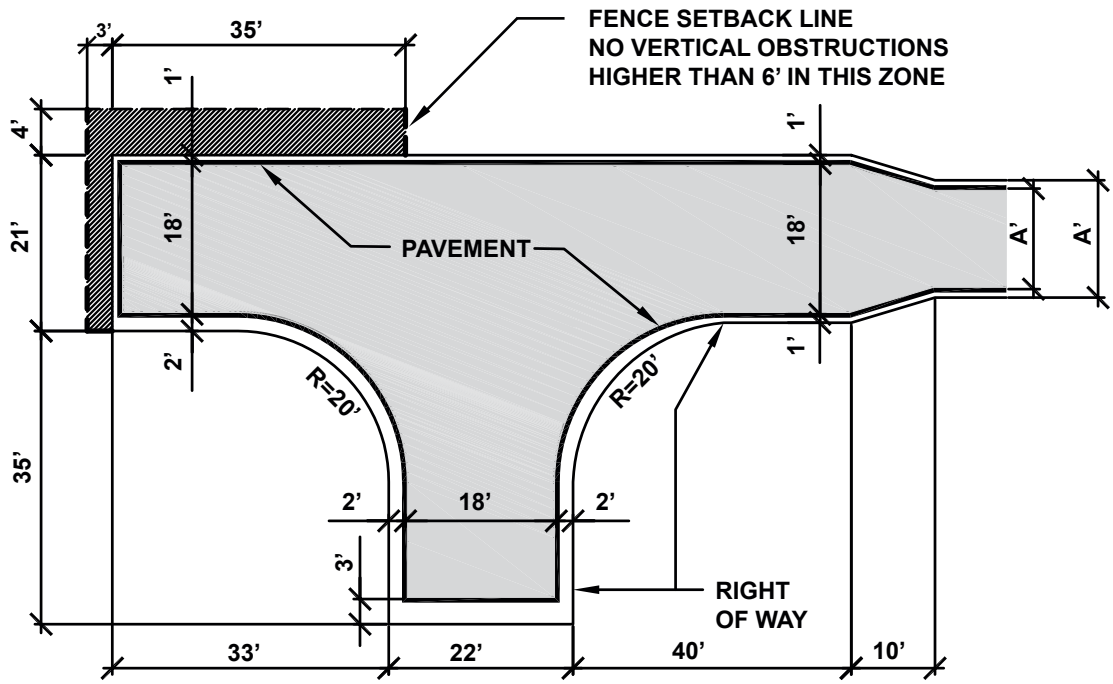
RIGHT-OF-WAY
manual

NOT TO SCALE




A = PER ALLEY OR EASEMENT WIDTH STANDARDS

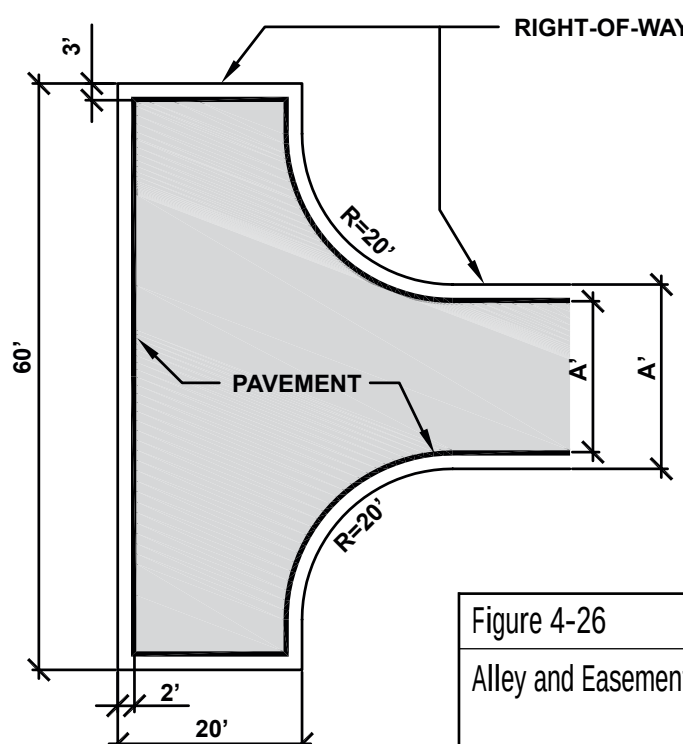



Figure 4-26 September 2005

Alley and Easement Turnarounds

SEATTLE RIGHT-OF-WAY manual

NOT TO SCALE