



KING COUNTY

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Signature Report

May 7, 2007

Ordinance 15753

Proposed No. 2006-0405.2

Sponsors Patterson

1 AN ORDINANCE approving and adopting the 2007 update
2 to the King County Road Design and Construction
3 Standards as the standards for road design and construction
4 in King County; amending Ordinance 11187, Section 1, as
5 amended, and K.C.C. 14.42.010, Ordinance 8041, Section
6 3, and K.C.C. 14.42.020, Ordinance 8041, Section 4, as
7 amended, and K.C.C. 14.42.030, Ordinance 8041, Section
8 5, and K.C.C. 14.42.040, Ordinance 8041, Section 6, as
9 amended, and K.C.C. 14.42.050, and Ordinance 8041,
10 Section 7, and K.C.C. 14.42.060 and Ordinance 8041,
11 Section 8, as amended, and K.C.C. 14.42.070, and adding
12 new sections to K.C.C. chapter 14.42 and decodifying
13 K.C.C. 14.42.062, K.C.C. 14.42.080 and K.C.C. 14.42.090.

14

15 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

16 NEW SECTION. SECTION 1. There is hereby added to K.C.C chapter 14.42 a

17 new section to read as follows:

18 A. Chapter 36.75 RCW authorizes the county to perform all acts necessary and
19 proper for the administration of the county roads. County roads shall be established, laid
20 out, constructed, altered, repaired, improved and maintained by the legislative authority
21 of the county or by private individuals or corporations who are allowed to perform such
22 work under an agreement with the county legislative authority. The work and
23 improvements shall be done in accordance with adopted county standards under the
24 supervision and direction of the county road engineer.

25 B. The purpose of the King County Road Design and Construction Standards
26 ("the standards") is to set forth specific, consistent and acceptable road design and
27 construction elements for developers and other private parties constructing or modifying
28 road or right-of-way facilities that require county licenses or permits and to establish
29 uniform criteria to guide the county's own design and construction of new county roads
30 or reconstruction of existing roads. The standards support the county's goals for
31 achieving affordable housing, providing adequate facilities for development in an
32 efficient manner, complying with storm water management and environmental and
33 cultural resource policies, and balance these goals with the general safety and mobility
34 needs of the traveling public.

35 C. The county requires standardization of road design elements when necessary
36 for consistency and to ensure, so far as practicable, that motoring, bicycling, transit,
37 equestrian and pedestrian public safety needs are met. Considerations include safety,
38 convenience, pleasant appearance, proper drainage, economical maintenance and cultural
39 and environmental resource protection. The standards also provide requirements for the
40 location and installation of utilities within the right-of-way.

41 D. The standards are intended to assist, but not substitute for, competent work by
42 design professionals. The standards are not intended to unreasonably limit any
43 economically maintained innovative or creative efforts or to lower impact development
44 alternatives that could result in equivalent or improved safety, quality and
45 maintainability.

46 SECTION 2. Ordinance 11187, Section 1, as amended, and K.C.C. 14.42.010 are
47 each hereby amended to read as follows:

48 A. "King County Road Design and Construction Standards," ~~((1993 update, as~~
49 ~~amended by the council December 20, 1993, incorporated herein as Attachment A to~~
50 ~~Ordinance 11187 with amended Sections 2.03, 2.20, 2.21, 3.02, 5.03 and 5.10 as~~
51 ~~Attachment B to Ordinance 11187)) 2007, incorporated herein as Attachment A to this~~
52 ordinance, are hereby approved and adopted as the King County standards for road
53 design and construction.

54 B. Consistent with the council's direction and intent in adopting these standards,
55 the department of transportation is hereby authorized to develop public rules and make
56 minor changes to the text and drawings in order to better implement the standards and as
57 needed to stay current with changing design and construction technology and methods.

58 ~~((C. Consistent with council's direction and intent in adopting these standards, the~~
59 ~~department of transportation will establish a committee consisting of county staff and~~
60 ~~representatives of the fire and emergency medical service and development communities.~~
61 ~~The committee will investigate alternative roadway widths and other road standard~~
62 ~~related issues that impact the ability to provide emergency fire and medical service to the~~
63 ~~public and report findings back to council by September 1994.))~~

64 SECTION 3. Ordinance 8041, Section 3, and K.C.C. 14.42.020 are each hereby
65 amended as follows:

66 A. (~~"Standards"~~ means ~~King County Road Standards.~~

67 ~~B.))~~ "County road (~~(E))~~engineer" means the King County road engineer, having
68 authorities specified in RCW 36.75.050 and ~~chapter~~ 36.80 RCW, or his or her authorized
69 representatives.

70 B. "Development review engineer" means the department of development and
71 environmental services employee responsible for the conditioning, review, inspection and
72 approval of right-of-way use permits, and road and drainage improvements constructed as
73 part of development permits administered by the department of development and
74 environmental services. The development review engineer or his or her designee shall be
75 a professional civil engineer registered and licensed under the laws of the state of
76 Washington.

77 C. "Reviewing agency" means the King County department of development and
78 environmental services or its successor agency responsible for reviewing subdivisions
79 and other developments within its jurisdiction.

80 D. "Standards" means King County Road Design and Construction Standards.

81 SECTION 4. Ordinance 8041, Section 4, as amended, and K.C.C. 14.42.030 are
82 hereby amended to read as follows:

83 A. The standards (~~(may)~~) apply prospectively to all newly constructed or
84 modified road and right-of- way facilities, both public and private, within King County.
85 The standards apply to modifications of roadway features or existing facilities (~~(which)~~)
86 that are within the scope of reconstructions, required off-site road improvements for land

87 developments or capital improvement projects when so required by King County or to the
88 extent they are expressly referred to in project plans and specifications. These standards
89 are not intended to apply to ~~((ⁿ))~~resurfacing, restoration, and rehabilitation~~((ⁿ))~~ projects as
90 those terms are defined in the Washington state Department of Transportation Local
91 Agency Guidelines Manual, ~~((Washington State Department of Transportation,))~~ as
92 amended~~((; however,))~~. ~~((^t))~~The county road engineer may in his or her discretion
93 consider the standards as optional goals for the design and construction of resurfacing,
94 restoration and rehabilitation projects.

95 B. The standards shall apply to every new placement and every planned, non-
96 emergency replacement of existing utility poles and other utility structures within the
97 King County right-of-way.

98 C. Construction shall be performed in accordance with the standards and with
99 due regard to public safety.

100 SECTION 5. Ordinance 8041, Section 5, as amended and K.C.C. 14.42.040 are
101 hereby amended as follows:

102 A. Any land development ~~((which is required by operation of any county~~
103 ~~ordinance or adopted standard to improve roads within, abutting, or serving the~~
104 ~~development shall do so in accordance with these standards)) that impacts the service
105 level, safety or operational efficiency of roads serving the land development or that is
106 required by other ordinance to improve the roads shall improve those roads in accordance
107 with these standards. Offsite roadway improvements shall be based on an assessment of
108 the impacts of the proposed land development by the reviewing agency.~~

109 B. Any land development abutting and impacting existing roads shall improve
110 the frontage of those roads in accordance with these standards. The extent of
111 improvements shall be based on an assessment of the impacts of the proposed land
112 development by the reviewing agency.

113 C. Any land development that contains internal roads shall construct or improve
114 those roadways in accordance with these standards, unless otherwise specified in K.C.C.
115 Title 21A.

116 D. For commercial developments, these standards shall apply unless otherwise
117 determined by the development review engineer or as specified by K.C.C. Title 21A.
118 These standards shall apply to commercial developments with public or dedicated rights-
119 of-way or easements, unless otherwise determined by the development review engineer.

120 SECTION 6. Ordinance 8041, Section 6, as amended, and K.C.C. 14.42.050 are
121 each hereby amended to read as follows:

122 The standards implement and are intended to be consistent with the references
123 listed in Section ~~((1.04))~~ 1.06 of Attachment A to this ordinance, "King County Road
124 Design and Construction Standards," ~~((1993))~~ 2007. Except where the standards provide
125 otherwise, the design detail, construction workmanship and material shall be in
126 accordance with the publications listed in Section 1.07 of Attachment A to this ordinance.
127 The specifications and guidelines listed in Section 1.08 of Attachment A to this ordinance
128 shall be applicable when pertinent, specifically cited in the standards, required as a
129 development condition or when required by state or federal funding authority.

130 SECTION 7. Ordinance 8041, Section 7, and K.C.C. 14.42.060 are each hereby
131 amended as follows:

132 ~~((Variances from these standards may be granted by the engineer upon evidence~~
133 ~~that such variances are in the public interest, and that requirements for safety, function, fire~~
134 ~~protection, appearance, and maintainability based upon sound engineering judgment are~~
135 ~~fully met. Detailed procedures for requesting variances are contained in administrative~~
136 ~~rules available from the county road engineer. Variances must be approved prior to~~
137 ~~construction. Any variances from these standards which do not meet the Uniform Fire~~
138 ~~Code will require concurrence by the King County fire marshal.)) A. A road variance is
139 required for any design or construction deviation from these standards. Detailed
140 procedures for applicants requesting variances and appealing variance decisions are
141 contained within a public rule that is available from the county road engineer or the
142 reviewing agency.~~

143 B. Any variances from these standards may be granted by the county road
144 engineer upon evidence that the variance is in the public interest and that requirements
145 for safety, function, fire protection, transit needs, appearance and maintainability are fully
146 met, based upon sound engineering and technical judgment.

147 C. Variance requests for subdivisions should be proposed at the preliminary plat
148 stage and prior to any public hearing. All known variances must be approved prior to
149 approval of the engineering plans for construction. It is the responsibility of the county
150 road engineer to interpret the standards. Any anticipated variances from these standards
151 that do not meet K.C.C. Title 17 shall also require concurrence by the fire marshal.

152 SECTION 8. K.C.C. 14.42.062 is hereby decodified.

153 SECTION 9. Ordinance 8041, Section 8, as amended, and K.C.C. 14.42.070 are
154 each hereby amended as follows:

155 Failure to comply with these standards (~~(may result in)~~) may be cause for denial
156 of plan or development permit approval, revocation of prior approvals, withholding and
157 reductions of financial guarantees, withholding of final inspection approval, withholding
158 of occupancy certificates, either temporary or permanent, legal action for forfeiture of
159 any financial guarantee, code enforcement(~~(, and/or)~~ or other penalties as provided by
160 law.

161 NEW SECTION. SECTION 9. There is hereby added to K.C.C chapter 14.42 a
162 new section to read as follows:

163 At the discretion of the county road engineer or development review engineer,
164 any significant errors or omissions in the approved plans or information used as a basis
165 for the approvals may constitute grounds for withdrawal of the approvals or stoppage of
166 any or all permitted work, or both. It shall be the responsibility of the applicant,
167 developer or contractor to show cause why the work should continue and to make such
168 changes in plans that may be required by the county road engineer or development review
169 engineer before the plans are reapproved.

170 SECTION 10. K.C.C. 14.42.080 and K.C.C. 14.42.090 are each hereby
171 decodified.

172 SECTION 11. Severability. If any part of these standards as adopted by
173 ordinance are found invalid, all other parts remain in effect.

174 SECTION 12. Effective date. This ordinance takes effect thirty days after its
175 enactment.

176

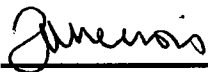
Ordinance 15753 was introduced on 9/11/2006 and passed by the Metropolitan King
County Council on 5/7/2007, by the following vote:

Yes: 9 - Mr. Gossett, Ms. Patterson, Ms. Lambert, Mr. von Reichbauer, Mr.
Dunn, Mr. Ferguson, Mr. Phillips, Ms. Hague and Mr. Constantine
No: 0
Excused: 0

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON


Larry Gossett, Chair

ATTEST:



Anne Noris, Clerk of the Council

APPROVED this 17 day of May, 2007.



Ron Sims, County Executive

Attachments A. King County Road Design and Construction Standards 2007

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2007 MAY 18 PM 1:13
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KING COUNTY COUNCIL

15753

REVISED ATTACHMENT A

**KING COUNTY
ROAD DESIGN AND
CONSTRUCTION STANDARDS
2007**

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