GENERAL PROVISIONS

APPLICABLE STANDARD SPECIFICATIONS

GENERAL NOTE
These Standard Drawings illustrate the minimum specifications allowable for roads constructed in Klamath County's jurisdiction. These minimum specifications will not be adequate for all site conditions. The design engineer is responsible for investigating the existing site conditions and confirming that these minimum specifications will perform adequately for the design life of the facility. The minimum allowable design life is 20 years.

CONCRETE
The minimum specifications for concrete are: Commercial Grade Concrete conforming to Section 00440 of the Standard Specifications and meeting the following additional requirements:
1. Minimum compressive strength of 4000 psi at 28 days.
2. Maximum slump of 4". (If higher slump is required, Type A or Type F water reducing agents meeting the requirements of ASTM C-494 may be approved.)
3. Minimum Cement Content of 570 lbs.
4. Maximum Water / Cement Ratio of 0.48.
5. Design the mix for severe exposure within the parameters shown in the ACI 211.1-91 manual.

ASPHALT CONCRETE PAVEMENT
Asphalt Concrete Pavement must conform to Section 00744 of the Standard Specifications. The class of mix, grade of oil and mix design shall be submitted to the Klamath County Public Works Department for approval prior to construction.

CORRUGATED CULVERT PIPE
All Metal Pipe shall be galvanized steel conforming to the requirements of AASHTO M36 and Section 00445 of the Standard Specifications with a minimum of 12" diameter and 16 gauge thickness. All Polyethylene Pipe shall conform to the requirements of AASHTO M294 Type-S with a maximum diameter of 24" and a minimum diameter of 12". Metal Pipe is required when pipe is open to the elements.

STORMWATER CONVEYANCE AND RETENTION FACILITIES MAINTENANCE
Facilities within a County Road Right-of-Way will be maintained by Klamath County. On commercial and industrial sites, facilities shall be maintained by the property owner. For residential subdivisions, a homeowners association, or other legal entity approved by the County shall provide ongoing maintenance.
Klamath County Land Development Code
Appendix A

ORD 45.0
ORD. 45.31
ORD. 45.36

Adopt February 16, 1984
Adopted 2/15/95
Adopted 11/10/98

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NOTES:
1. CURB AND GUTTER SHALL BE POURED MONOLITHICALLY WITH COMMERCIAL GRADE CONCRETE AS SPECIFIED ON PAGE 2 OF THESE STANDARD DRAWINGS.
2. SIDEWALK SHALL BE POURED MONOLITHICALLY WITH COMMERCIAL GRADE CONCRETE AS SPECIFIED ON PAGE 2 OF THESE STANDARD DRAWINGS.
3. SIDEWALK DEPTH SHALL BE 6" MINIMUM NORMALLY. SEE STANDARD DRAWING NUMBER 126 FOR DRIVEWAY SECTIONS.
4. CONSTRUCT EXPANSION JOINTS ON EACH SIDE OF CURB MEETS IN THE CENTER AND AT EACH END OF ALL DRIVEWAYS, AT THE END OF CURB RETURNS, AND AT 90 INTERVALS.
5. CONSTRUCT CONTRACTION JOINTS BETWEEN EXPANSION JOINTS AT 15 INTERVALS. CUT JOINTS 1/3 THE THICKNESS AND 1/8" WIDE MAXIMUM.
6. BROOK FINISH CONCRETE SIDEWALK PERPENDICULAR TO CURB.
7. WIDTHS OF STANDARD STREET SECTIONS SHOWN ON PLANS SHALL BE TO THE FACE OF CURB.

SECTION "A" "A" EXPANSION JOINT DETAIL

SECTION "B" "B" PRE MOLD EXPANSION JOINT FILLER COMPLETELY THROUGH SECTION SEE NOTE 4

INSTALL 4" MIN. 3/4" 0" BASE MATERIAL UNDER CURB & GUTTER, COMPACTED.
INSTALL 6" MIN. APPROVED BASE MATERIAL UNDER CURB & GUTTER, COMPACTED.

KLAMATH COUNTY ROAD DEPARTMENT
STANDARD CURB, GUTTER & SIDEWALK
STANDARD Dwg. No. 115
Klamath County Land Development Code
Appendix A

ORD 45.0
ORD. 45.31
ORD. 45.36
Adopt February 16, 1984
Adopted 2/15/95
Adopted 11/10/98

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NOTES:
1. CURB AND GUTTER SHALL BE Poured MONOLITHICALLY WITH COMMERCIAL GRADE CONCRETE AS SPECIFIED ON PAGE 2 OF THESE STANDARD DRAWINGS.
2. SIDEWALK SHALL BE Poured MONOLITHICALLY WITH COMMERCIAL GRADE CONCRETE AS SPECIFIED ON PAGE 2 OF THESE STANDARD DRAWINGS.
3. CONSTRUCT EXPANSION JOINTS ON EACH SIDE OF CURB INLETS, IN THE CENTER AND AT EACH END OF ALL DRIVEWAYS, AT THE END OF CURB RETURNS AND AT 40' INTERVALS.
4. CONSTRUCT CONTRACTION JOINTS AT 10' INTERVALS. CUT JOINTS 1/2 THE THICKNESS AND 6" WIDE, MINIMUM.
5. BROOM FINISH CONCRETE SIDEWALK PERPENDICULAR TO CURB.
6. WIDTHS OF STANDARD STREET SECTION SHOWN ON PLANS SHALL BE TO THE FACE OF CURBS, UNLESS OTHERWISE INDICATED.
7. IN A DRIVEWAY SECTION, THE VERTICAL DISTANCE FROM THE GUTTER FLOW LINE TO THE TOP FACE OF CURB SHALL NOT EXCEED 3'.
8. IT IS THE RESPONSIBILITY OF THE DESIGN ENGINEER TO ENSURE THAT NEW CONSTRUCTION IS ADA COMPLIANT AS OF THE DATE OF CONSTRUCTION.

SECTION "B" - "B"
TYPICAL DRIVEWAY IN FILL SECTION

PRE MOLDED EXPANSION JOINT FILLER COMPLETELY THROUGH SECTION
NOTES:
1. CURB AND GUTTER SHALL BE POURED MONOLITHICALLY WITH COMMERCIAL GRADE CONCRETE AS SPECIFIED ON PAGE 2 OF THESE STANDARD DRAWINGS.
2. SIDEWALK SHALL BE POURED MONOLITHICALLY WITH COMMERCIAL GRADE CONCRETE AS SPECIFIED ON PAGE 2 OF THESE STANDARD DRAWINGS.
3. CONSTRUCT EXPANSION JOINTS ON EACH SIDE OF CURB INLETS, IN THE CENTER AND AT EACH END OF ALL DRIVEWAYS, AT THE END OF CURB RETURNING AND AT 80' INTERVALS.
4. CONSTRUCT CONTRACTION JOINTS AT 10' INTERVALS, CUT JOINTS 1/3 THE THICKNESS AND 1/2" WIDE MINIMUM.
5. BROOM FINISH CONCRETE SIDEWALK PERPENDICULAR TO CURB.
6. WIDTHS OF STANDARD STREET SECTIONS SHOWN ON PLANS SHALL BE TO THE FACE OF CURBS, UNLESS OTHERWISE INDICATED.
7. IN A DRIVEWAY SECTION, THE VERTICAL DISTANCE FROM THE GUTTER FLOW LINE TO THE TOP FACE OF CURB, SHALL NOT EXCEED 3/4".
8. IT IS THE RESPONSIBILITY OF THE DESIGN ENGINEER TO ENSURE THAT NEW CONSTRUCTION IS ADA COMPLIANT AS OF THE DATE OF CONSTRUCTION.

SECTION "B" - "B"
TYPICAL DRIVEWAY IN FILL SECTION

Klamath County Road Department
Approved: April 7, 2011

Klamath County Public Works Director

Commercial Driveway
With Curb & Gutter

KC_129.DWS
Klamath County Land Development Code
Appendix A

ORD 45.0
ORD. 45.31
ORD. 45.36
Adopt February 16, 1984
Adopted 2/15/95
Adopted 11/10/98

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