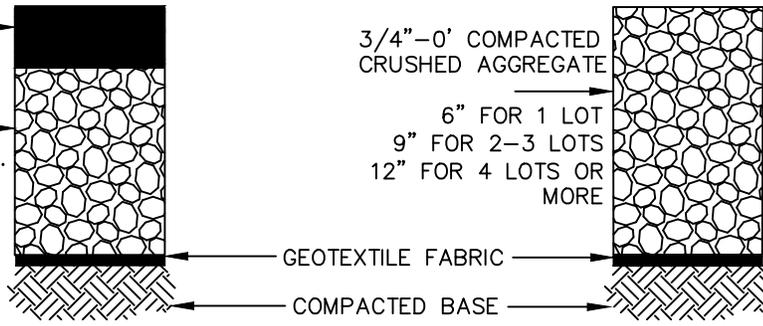


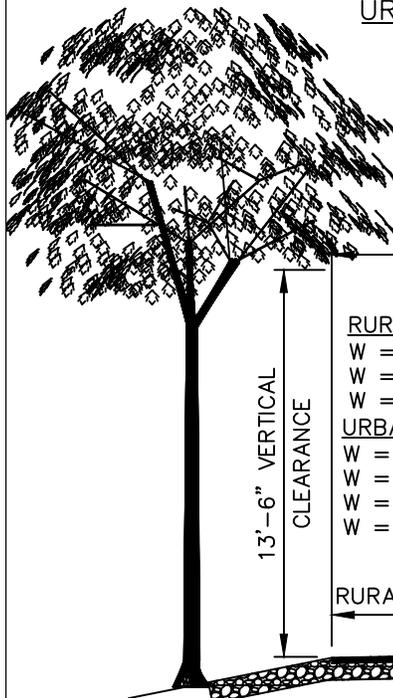
3" LEVEL 1, HMAC,
PG 64-22,
1/2" DENSE GRADED
AGGREGATE
8" OF 3/4"-0'
COMPACTED CRUSHED AGG.

3/4"-0' COMPACTED
CRUSHED AGGREGATE
6" FOR 1 LOT
9" FOR 2-3 LOTS
12" FOR 4 LOTS OR
MORE



URBAN (RURAL CENTER)
CROSS SECTION

RURAL CROSS
SECTION



20' MINIMUM CLEAR ZONE

FIRE DEPARTMENT REQUIREMENTS MAY EXCEED THESE STDS.

RURAL STANDARD

W = 12' PLUS TURNOUTS FOR 1-3 LOTS (4' EARTHEN SHLDRS.)
W = 20' MINIMUM FOR 4 OR MORE LOTS
W = 20' MIN. COMMERCIAL/INDUSTRIAL/MULTIFAMILY

URBAN STANDARD

W = 12' PLUS TURNOUTS FOR 1 TO 3 LOTS (2' ROCK SHOULDERS)
W = 20' FOR 4 TO 10 LOTS
W = 24' FOR 11 OR MORE LOTS
W = 24' MINIMUM COMMERCIAL/INDUSTRIAL/MULTIFAMILY

RURAL

W

URBAN

2:1
MAX.

2:1
MAX.
2:1
MAX.

FOR CURB & SIDEWALK SEE ADDITIONAL
CLACKAMAS COUNTY DETAILS. RECOVERABLE
SLOPE STANDARDS ARE REQUIRED.

DITCHES WITHIN THE CLEAR ZONE MUST
MEET RECOVERABLE
SLOPES:
4:1 FORE SLOPE
3:1 BACK SLOPE

NOTES

1. ALL WORK AND MATERIAL SHALL CONFORM TO CURRENT ODOT/APWA STANDARD SPECIFICATIONS. LOCAL FIRE MARSHALL APPROVAL OF CONSTRUCTION PLAN REQUIRED PRIOR TO CONSTRUCTION.
2. SEE ZDO 1007 FOR EASEMENT WIDTHS.
3. 2:1 MAX SLOPE IS ONLY PERMITTED OUTSIDE THE CLEAR ZONE. WITHIN THE CLEAR ZONE MAXIMUM SLOPES ARE 4:1 FORE SLOPE & 3:1 BACK SLOPE.
4. ALL PAVED ROADS WITHOUT CURBS SHALL HAVE MINIMUM 2 FOOT WIDE COMPACTED ROCK SHOULDERS. SHOULDERS SHALL FOLLOW LINE AND GRADE OF THE ROAD.
5. UNPAVED GRAVEL ROADS ARE ONLY PERMITTED OUTSIDE THE URBAN GROWTH BOUNDARY.
6. PAVED ROADS ARE REQUIRED IN URBAN AND RURAL CENTER AREAS.
7. CURB AND SIDEWALK MAY BE REQUIRED DEPENDING UPON AN EVALUATION BY DTD ENGINEERING.
8. INVERTED CROWN SECTIONS ARE ALLOWED ON PRIVATE ROADS ONLY AND SHALL HAVE APPROPRIATE DRAINAGE AND PAVED SURFACE.
9. INVERTED CROWN MAXIMUM CROSS SLOPE IS 2%. IF THE LONGITUDINAL SLOPE IS BETWEEN 0.5% TO 1.0%, THE GUTTER SHALL BE CONCRETE.
10. CROWN CROSS SLOPE SHALL BE BETWEEN 2-4% LONGITUDINAL SLOPE.
11. TO MAINTAIN TRAFFIC SAFETY, 20 FOOT WIDE OR WIDER APPROACHES MAY BE REQUIRED WHEN INTERSECTING ROADWAYS ARE CLASSIFIED AS COLLECTORS OR ARTERIALS.
12. 12' WIDE ROADS SHALL BE CENTERED WITHIN MINIMUM 20' WIDE CLEAR ZONES.

REVISION	DATE	BY	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT	APPROVAL DATE: 2/1/13	SCALE: N.T.S.	STANDARD DRAWING
RURAL X-SEC EDIT	12/12	RN				
			150 BEAVERCREEK ROAD OREGON CITY, OR 97045		PRIVATE ROADS AND DRIVEWAYS MINIMUM STANDARDS	R100