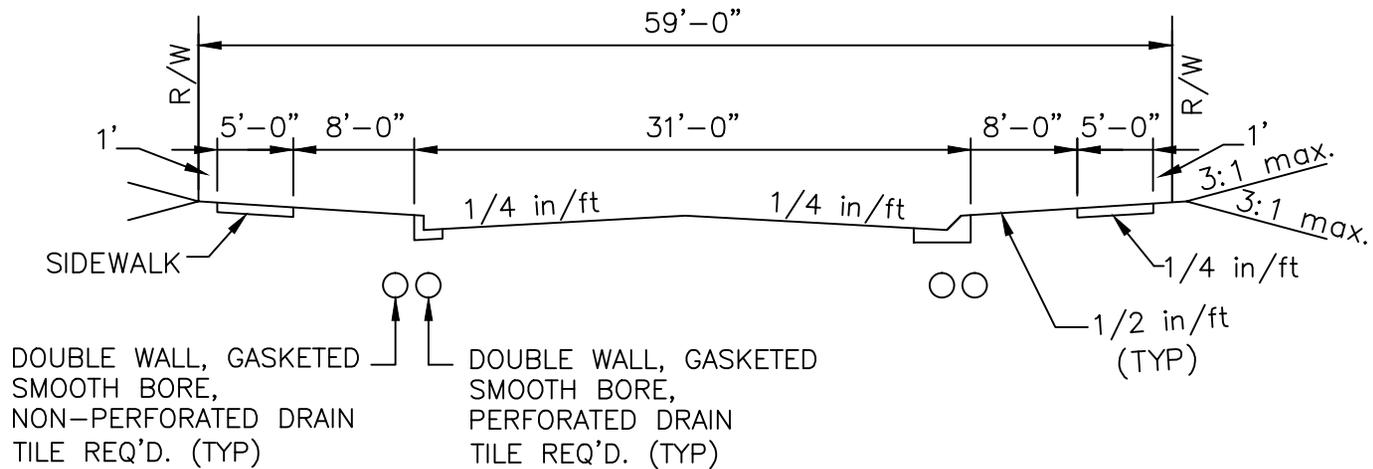


Updated Standard Drawings – February Board of Public Works & Safety

- G-01
 - Buffers widened from 5' to 8' to account for new requirements regarding street trees. As such, right-of-way width increased from 53' to 59' to account for the additional buffer widths. City of Westfield Master Tree List will be updated for street tree applications.
- G-02
 - Removed from our standards – street tree applications incorporated into G-01.
- G-03
 - With the approval of the Unified Development Ordinance, this is a new standard drawing that defines the new requirements for Frontage Roads for both residential and commercial applications. This will prevent back of homes along collector and arterial roadways.
- G-10 (revised)
 - After getting significant negative feedback from developers regarding lack of clarity for the existing alley detail, we've gone through and remedied these concerns. No inverted paving will be allowed.



TYPICAL SECTION - LOCAL STREET

- NOTES:
1. The curb & gutter shall be Type I or Type II as shown on the Curb & Gutter standard sheets. Type II curb & gutter shall be used adjacent to, and in, non-residential or multi-family residential areas and on entrances of residential development along thoroughfares.
 2. For curb and gutter detail, see figure P-8
 3. 8'-0" tree buffers are required for all local streets. Refer to the City of Westfield street tree planting specifications for additional details. For approved species, see Master Tree List.

TYPICAL CROSS SECTION: LOCAL STREET



Phillip A. Sundling
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CITY OF WESTFIELD
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City of Westfield Street Tree List

Table 1

Preferred Street Trees

Large/ Medium Tree List

Trees from Table 1 Will eventually reach a height of between thirty (30) to eighty (80) feet in most urban situations. Variations of the plant selections not included on the *Preferred Shade Tree List* may be approved through the City's designee. Improved cultivars, seedless, and/or thornless varieties **must** be used when available. Locally grown stock is advised to improve tree survival rates. Minimum caliper of 2 inches is required for all Shade Trees at installation unless otherwise specified.

STREET TREES (TYPE A)

COMMON NAME	SCIENTIFIC NAME
Coffeetree, Kentucky Elm, Accolade Ginkgo	<i>Gymnocladus dioica</i> (male only) <i>Ulmus 'Morton'</i> <i>Ginko biloba</i> (male only)
Hackberry Honeylocust (thornless) Horechestnut, Red Katsurstree	<i>Celtis occidentalis</i> <i>Gleditsia triancanthos var. inermis, seedless cultivars</i> <i>Aesculus x carnea 'Briotii'</i> <i>Cercidiphyllum japonicum</i>
Linden, Silver 'Sterling Silver' Maple, Black Maple, Freeman	<i>Tilia tomentosa 'Sterling Silver'</i> <i>Acer nigrum</i> <i>Acer freemanii</i>
Maple, Red Maple, Sugar Maple, Sycamore	<i>Acer rubrum</i> <i>Acer saccharum</i> <i>Acer pseudoplatanus</i>
Oak, Chinkapin Oak, Northern Red Oak, Shingle	<i>Quercus muehlenbergii</i> <i>Quercus rubra</i> <i>Quercus imbricaria</i>
Oak, Swamp White Oak, White Sweetgum	<i>Quercus bicolor</i> <i>Quercus alba</i> <i>Liquidambar styraciflua</i>
Tulip Zelkova	<i>Liriodendrom tulipifera</i> <i>Zelcova serrata</i>

Table 2
Alternative/ Substitute Trees
Small Tree List

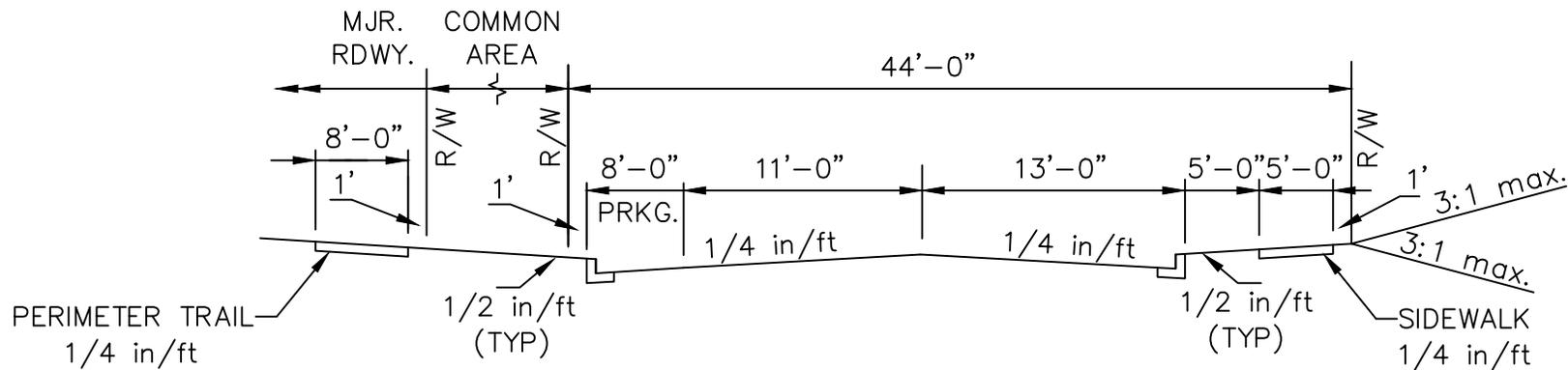
Trees from Table 2 will eventually reach a height of between fifteen (15) to thirty (30) feet in most urban situations. The *Alternate/ Substitute Tree List* may be used with the approval of the City’s designee under circumstances not conducive to trees listed in Table 1 (i.e. overhead power lines, narrow planting strips).

*See note below.

COMMON NAME	SCIENTIFIC NAME
Cherry, Cornelian Crabapple Var. Hawthorn Var.	<i>Cornus mas</i> <i>Malus var.</i> <i>Crataegus crusgalli var.</i>
Hornbeam, American Hornbeam, European Ironwood	<i>Carpinus caroliniana</i> <i>Carpinus betulus</i> <i>Ostrya virginiana</i>
Japanese Lilac Maple, Amur Maple, Hedge	<i>Syringa reticulata</i> <i>Acer ginnala (single stem)</i> <i>Acer campestre</i>
Maple, Paoerbark Redbud Serviceberry	<i>Acer griseum</i> <i>Cercis canadensis</i> <i>Amelanchier var.</i>

Note:

Improved cultivars and seedless, thornless varieties **must** be used when available. Locally grown tree stock is advised to improve tree survival rates. Small trees used as street trees must be upright/ columnar; not clump form. Most small trees are not suitable for narrow tree lawns due to low branching habits. Minimum size for trees required by the Landscape Standards is two (2) inch caliper at time of installation



TYPICAL SECTION – RESIDENTIAL FRONTAGE ROAD

Scale: NTS

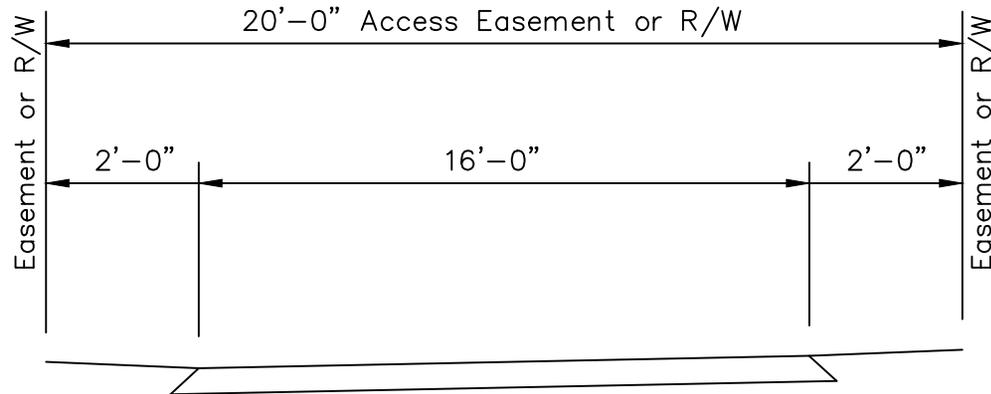
- NOTES:
1. The curb & gutter shall be Type I or Type II as shown on the Curb & Gutter standard sheets. Type II curb & gutter shall be used adjacent to, and in, non-residential or multi-family residential areas and on entrances of residential development along thoroughfares.
 2. For curb and gutter detail, see figure P-8. For perimeter trail detail, see figure PP-01.
 3. Refer to the current Westfield Thoroughfare Plan Section 5.1 for the typical cross sections for Collector, Secondary Arterial, and Primary Arterial.
 4. For residential applications, see figure P-1 for pavement section details. For mixed-use or commercial applications, see figure P-2 for pavement section details.
 5. For street tree applications, buffers should be widened to 10'-0". Add'l R/W Req'd. For two-sided on-street parking applications, back-of-curb to back-of-curb width shall be widened to 38'-0". Add'l R/W Req'd.
 6. Common Area width varies depending on landscaping plan, utilities, and other incidentals. 10' min.

TYPICAL CROSS SECTION: FRONTAGE ROAD



Phillip A. Sundling
 2/25/15
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TYPICAL SECTION – LOCAL ALLEY

Scale: NTS

- NOTES:
1. If hydrants located in alley, pavement section shall be widened to 20'-0". Add'l R/W Req'd.
 2. For residential applications, see figure P-1 for pavement section details.
For mixed-use or commercial applications, see figure P-2 for pavement section details.
 3. Pavement may be crowned or sloped to one side, no inverted crowns.
Designer to handle drainage accordingly.
 4. If two-way traffic is allowable, pavement shall be widened to 20'-0". Add'l R/W Req'd.
 5. If utility, drainage or any other easements required, min. 10'-0" easements shall be added outside of the access easement/right-of-way.

TYPICAL CROSS SECTION: LOCAL ALLEY



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2/25/15
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