

# Mapleton City Council Staff Report

Meeting Date: March 4, 2014

**Applicant:** Mapleton City

**Location:** N/A

**Prepared by:** Sean Conroy, Community Development Director

**Public Hearing Item:** Yes

**Zone:** N/A

## **REQUEST**

Consideration of a Resolution amending Mapleton City's addendum to the APWA Standard Drawings and Specifications to include a rural-residential street cross section.

## **BACKGROUND AND PROJECT DESCRIPTION**

As part of the City's Transportation Master Plan, the City has adopted standard drawings and specifications to be used as development occurs. This addendum includes adopted street cross sections outlining street widths, the use of curb, gutter and sidewalk, etc. for various street types (arterial, collector, local).

On February 18, 2014 staff presented a proposed rural street cross section to the Council. The Council was generally supportive of the concept but differed on what the width of the asphalt should be. Staff also indicated that some additional information should be added to the cross section. For this reason, the Council continued this item.

Staff is now recommending adoption of a cross section that includes 32 feet of asphalt (2' more than previously proposed) with no raised curb and gutter. A one foot concrete curb is proposed on both sides of the street to hold the asphalt in place, but the curb is flush with the asphalt. The total travel way width is 34 feet, which is not an uncommon width for residential streets. A 10-foot grassy swale (1' less than previously proposed) that will include some drain rock is proposed, along with a five foot sidewalk behind the swale on both sides of the street (see attached cross section).

As discussed during the previous hearing, staff is recommending the proposed cross section as it will assist in maintaining a country, rural atmosphere as encouraged by the General Plan, and as it offers a superior approach to stormwater management.

## **STAFF RECOMMENDATION**

Adopt a Resolution amending Mapleton City's addendum to APWA Standard Drawings and Specifications to include a rural-residential street cross section.

## **ATTACHMENTS**

1. Proposed cross section.

## **RESOLUTION NO. 2014-**

### **CONSIDERATION OF A RESOLUTION AMENDING MAPLETON CITY'S ADDENDUM TO THE APWA STANDARD DRAWINGS AND SPECIFICATIONS TO INCLUDE A RURAL-RESIDENTIAL STREET CROSS SECTION**

**WHEREAS**, Mapleton City has adopted an addendum to the APWA Standard Drawings and Specifications to guide the development of new roads in the City; and

**WHEREAS**, the General Plan includes a goal to consider alternatives to curb and gutter to maintain a country, rural atmosphere; and

**WHEREAS**, Low Impact Development (LID) is an approach to stormwater management that attempts to handle stormwater as close to the source as possible; and

**WHEREAS**, the proposed rural street cross section implements the General Plan goal of developing alternatives to standard curb and gutter and also implements LID stormwater management principles; and

**WHEREAS**, the proposed cross section will only be used for densities of 1-unit per acre or less.

**NOW THEREFORE, BE IT RESOLVED** by the City Council of Mapleton, Utah, to amend the City's addendum to the APWA Standard Drawings and Specifications to include the attached rural-residential street cross section.

PASSED AND ORDERED PUBLISHED BY THE CITY COUNCIL OF MAPLETON, UTAH,

This 4<sup>th</sup> Day of March, 2014.

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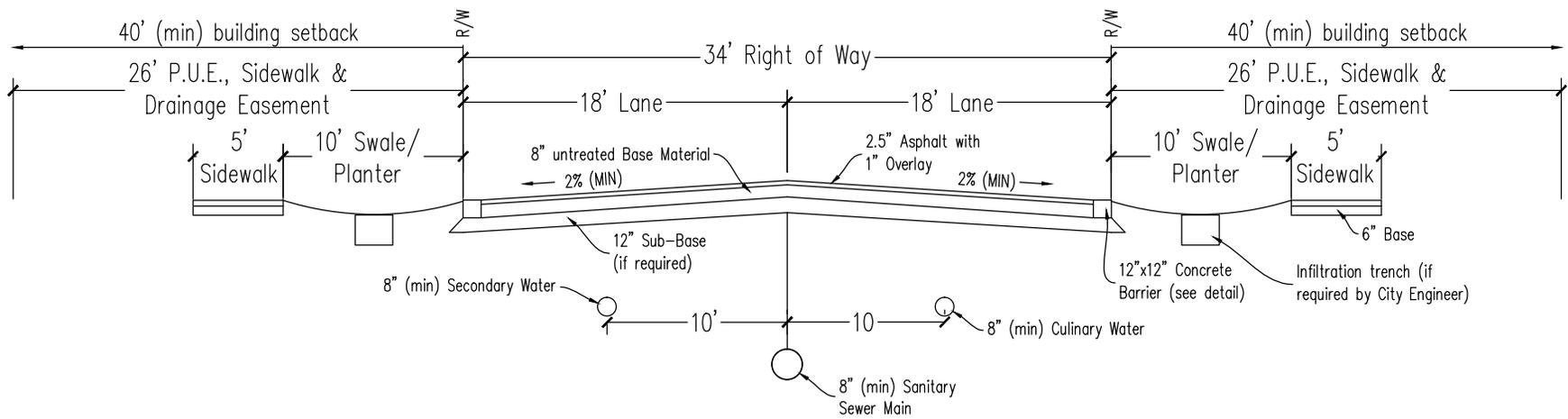
Brian Wall  
Mayor

ATTEST:

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Camille Brown  
City Recorder  
**Publication Date:**  
**Effective Date:**

Attachment "1"  
Proposed Cross Section



**34' Rural Street Cross Section for densities of 1-unit per acre or lower**