Planning Commission Staff Report

MAPLETON

Date:
11/18/21

Item:
7

Applicant:
Mapleton City

Location:
N/A

Prepared By:
Sean Conroy, Community Development Director

Public Hearing:
Yes

Zone:
All

Attachments:
1. Existing map.
2. Proposed map.

REQUEST

Consideration of amendments to Transportation Master Plan Map.

BACKGROUND & DESCRIPTION

The City's Transportation Master Plan includes a map that identifies existing and future street locations and classifications. Each street classification corresponds with a street cross section that identifies the street width and other improvements (curb, gutter, planter strip, sidewalk). As new development occurs, or as the City contemplates street expansions, the Transportation Plan map is used to determine the appropriate street cross section.

The existing transportation plan has the following street classification hierarchy from highest traffic volumes to lowest:

- Arterial;
- Collector;
- Major local;
- Minor local; and
- Private road.

Staff is proposing an updated Transportation Plan Map to reflect changes to the street network that have occurred since the original adoption of the map and to make adjustments to some street designations. Earlier this year, the City Council adopted amendments to the subdivision ordinance. One of the amendments included the creation of a new street classification, the country lane. The proposed amended map now includes the country lane classification.

The Planning Commission is responsible for making a recommendation to the City Council regarding the proposed amendments.

EVALUATION

Goal #1 of the Land Use Element of the General Plan encourages the preservation and enhancement of the City's rural atmosphere. Street design plays a significant role in the character of a community. Excessively wide streets, and in some instances the inclusion of curb, gutter and sidewalk, can have a negative impact on the rural atmosphere of the City and can be costly to manage and maintain.

Country Lane (28' ROW): The most significant amendment to the Transportation Plan Map is the inclusion of the country lane designation. The cross section for a country lane includes 28 feet of asphalt with no curb, gutter or sidewalk. In some instances a City trail will be included. The roads that are proposed to include this cross section are shown in green on the attached plan. Some examples of this cross section include Peterson Lane (1000 E), Nemelka Lane, 1900 E, and 2400 through 2800 South.

Minor Local (32' ROW): Most of the changes to the minor local streets just reflect subdivision projects that have been built or proposed since the original adoption of the plan.

Major Local (36' ROW): A few changes have been made to the major local roads. These include:

- **800 S** from Highway 89 to 800 W. This segment was previously designated as a major local. However, due to the existing width of the street and the construction of the middle school and other developments in the area, this has been upgraded to a collector.
- **1200 S** from Highway 89 to 800 W. This segment was also previously designated as a major local street, primarily because it was not anticipated to connect to Highway 89. Now that a connection to the highway is proposed, it has been upgraded to a collector.
- **1900 E** was downgraded to a country lane.
- **Nemelka Lane (1200 E)** was downgraded to a country lane.
- **1600 N** from Main Street east was downgraded to a country lane.

Collector (46' ROW): The only changes to collector roads were those listed above for 800 S and 1200 S.

Arterial (UDOT): Highway 89 is the City's only arterial. No changes are proposed.

RECOMMENDATION

Recommend adoption of the updated map to the City Council.

Attachment "1"
Existing Transportation Plan Map

Map #1
Mapleton City
Master Street
Plan Map

N
W E
S

0 0.25 0.5 0.75 1 Miles

1 inch equals 0.25 miles (24 x 36 Paper Size)
1:15,840

Legend

Master Street Plan

- Existing Arterial Road (UDOT)
- Existing Collector Road - 66'-80' ROW
- Proposed Collector Road - 66'-80' ROW
- Existing Major Local Road - 56'-66' ROW
- Proposed Major Local Road - 56'-66' ROW
- Existing Minor Local Road
- Proposed Minor Local Road
- Existing Private Road

Points of Interest

- Mapleton Ambulance
- Mapleton City Center
- Mapleton City Public Works
- Mapleton Pioneer Heritage Museum
- Mapleton Volunteer Fire Dept.
- Schools
- Churches
- Cemeteries
- Peak
- Spot Elevations
- Other Roads
- Railroads
- Lakes
- Canal or Ditch
- Intermittent Stream
- Stream or River
- Parcels as of 3-25-09
- Mapleton Boundary
- Uinta National Forest
- Hobble Creek WMA
- Schools Property

MAPLETON CITY CORPORATION

This map is intended to show general locations of proposed improvements, and does not constitute an approved engineering plan or set forth a timeline for improvements.

Mapleton City makes no warranty with respect to the accuracy, completeness, or usefulness of this map. For official Plan verifications, contact the Community Development Department.

Map Adopted: July 20, 2010

Attachment "1"
Proposed Transportation Plan Map

Mapleton City 2021 Transportation Plan

1 inch = 0.25 miles

0 0.125 0.25 0.5 0.75 1 Miles

Legend

- Existing Arterial Road (UDOT)
- Proposed Country Lane
- Existing Country Lane
- Proposed Arterial Road
- Existing Collector Road
- Proposed Collector Road
- Existing Major Local Road
- Proposed Major Local Road
- Existing Minor Local Road
- Proposed Minor Local Road
- Existing Roads
- Dirt; Gravel
- Railroads
- Mapleton Boundary
- Uinta National Forest
- Mapleton
- Spanish Fork
- Springville
- Unincorporated County Areas
- Lakes

N W E S