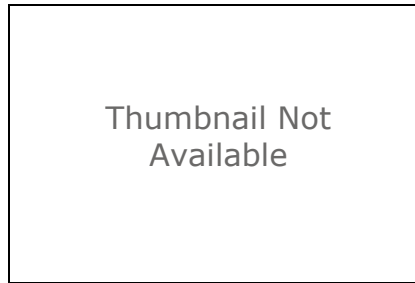


# CMNetwork\_8par\_2021

## Shapefile



## Tags

Regional Planning Commission, Congestion Management Network, transportation

## Summary

This layer represents the Congestion Management Network (CMN) for the eight member parishes of the Regional Planning Commission (RPC): Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. John the Baptist, St. Tammany & Tangipahoa.

## Description

This layer represents the Congestion Management Network (CMN) for the eight member parishes of the Regional Planning Commission (RPC): Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. John the Baptist, St. Tammany & Tangipahoa. The CMN is created from the Congestion Management Process (CMP). While the CMP is intended to address congestion across the entire transportation system it focuses on a subset of Federal-Aid routes that carry the majority of regional travel and which experience the most severe congestion. The CMN serves as the core basis for analyzing and measuring congestion in the region, and consists of routes with the highest traffic volumes, regional connectivity, and significance as defined by stakeholders. Congestion observed on these routes serves as an indicator of overall regional congestion. Correspondingly, alleviating congestion on these routes can be expected to have a considerable impact on regional travel delay. Routes on the CMN will be prioritized for data collection, performance monitoring, and implementation of congestion mitigation strategies.

The base data was created by the Louisiana Department of Transportation and Development (LADOTD) Federal Aid Network layer. The dataset includes Interstates, US highways, and Louisiana State Highways. This dataset was compiled by Louisiana DOTD source data. The dataset includes selected data from the DOTD Surface Type Log file. The source dataset was derived from sources including USGS quads, aerial photography, highway plans, DOTD's control section road network and existing general highway maps. The source data set originated in 1983-1985 by digitizing 7.5' USGS quads on high precision input tables, but is updated regularly at LDOTD using the other sources mentioned above.

## Credits

RPC 2021 - CMN;  
LADOTD 2018 - Federal Aid Network

## Use limitations

There are no access and use limitations for this item.

## Extent

**West** -90.673069 **East** -89.625011

**North** 30.802025 **South** 29.762692

## Scale Range

**Maximum (zoomed in)** 1:5,000

**Minimum (zoomed out)** 1:150,000,000

## ArcGIS Metadata ▶

### Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE **planning**Cadastre, transportation

\* CONTENT TYPE **Downloadable Data**

THEME KEYWORDS **transportation**

THESAURUS ▶

TITLE **ISO 19115 Topic Categories**

*Hide Thesaurus ▲*

THEME KEYWORDS **Regional Planning Commission, Congestion Management Network**

*Hide Topics and Keywords ▲*

### Citation ▶

TITLE **CMNetwork\_8par\_2021**

PUBLICATION DATE **2021-09-30**

PRESENTATION FORMATS **digital map**

FGDC GEOSPATIAL PRESENTATION FORMAT **vector digital data**

*Hide Citation ▲*

### Citation Contacts ▶

RESPONSIBLE PARTY

ORGANIZATION'S NAME **Leslie Couvillion, Regional Planning Commission, Senior Planner**

CONTACT'S ROLE **originator**

*Hide Citation Contacts ▲*

### Resource Details ▶

DATASET LANGUAGES **English (UNITED STATES)**

STATUS **completed**

SPATIAL REPRESENTATION TYPE **vector**

PROCESSING ENVIRONMENT **Version 6.2 (Build 9200) ; Esri ArcGIS 10.7.1.11595**

CREDITS

RPC 2021 - CMN;  
LADOTD 2018 - Federal Aid Network

#### ARCGIS ITEM PROPERTIES

\* NAME CMNetwork\_RPC2021  
\* SIZE 2.228  
\* LOCATION file://  
\\norpc.org\data\RedBeans\MXD\Leslie\AGOL\EvGuideLayers\CMNetwork\_RPC2021.shp  
\* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ►

#### EXTENT

##### DESCRIPTION

This layer represents the CMN for 2021.

##### TEMPORAL EXTENT

BEGINNING DATE 2021-01-01 00:00:00  
ENDING DATE 2021-12-31 00:00:00

##### VERTICAL EXTENT

\* MINIMUM VALUE 0.000000  
\* MAXIMUM VALUE 0.000000

#### EXTENT

##### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching  
\* WEST LONGITUDE -90.673069  
\* EAST LONGITUDE -89.625011  
\* NORTH LATITUDE 30.802025  
\* SOUTH LATITUDE 29.762692  
\* EXTENT CONTAINS THE RESOURCE Yes

##### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 724942.127047  
\* EAST LONGITUDE 823025.854000  
\* SOUTH LATITUDE 3297167.795136  
\* NORTH LATITUDE 3410025.846882  
\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

#### POINT OF CONTACT

INDIVIDUAL'S NAME Leslie Couvillion  
ORGANIZATION'S NAME Regional Planning Commission  
CONTACT'S POSITION Senior Planner  
CONTACT'S ROLE point of contact

##### CONTACT INFORMATION ►

##### PHONE

VOICE 504-483-8536

**ADDRESS**

TYPE both  
 DELIVERY POINT 10 Veterans Boulevard  
 CITY New Orleans  
 ADMINISTRATIVE AREA LA  
 POSTAL CODE 70124  
 COUNTRY US  
 E-MAIL ADDRESS [lcouvillion@norpc.org](mailto:lcouvillion@norpc.org)

**HOURS OF SERVICE**

9a-5p CST

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

**Resource Maintenance ►****RESOURCE MAINTENANCE**

UPDATE FREQUENCY annually

[Hide Resource Maintenance ▲](#)

**Spatial Reference ►****ARCGIS COORDINATE SYSTEM**

- \* TYPE Projected
- \* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983
- \* PROJECTION NAD\_1983\_UTM\_Zone\_15N
- \* COORDINATE REFERENCE DETAILS

**PROJECTED COORDINATE SYSTEM**

WELL-KNOWN IDENTIFIER 26915

X ORIGIN -5120900

Y ORIGIN -9998100

XY SCALE 450445547.3910538

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -1055.069149515055

M SCALE 4194304001953.124

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 26915

VCSWKID 115702

LATESTVCSWKID 115702

WELL-KNOWN TEXT PROJCS["NAD\_1983\_UTM\_Zone\_15N",GEOGCS

["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID

["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT

["Degree",0.0174532925199433]],PROJECTION["Transverse\_Mercator"],PARAMETER

["False\_Easting",500000.0],PARAMETER["False\_Northing",0.0],PARAMETER

["Central\_Meridian",-93.0],PARAMETER["Scale\_Factor",0.9996],PARAMETER

["Latitude\_Of\_Origin",0.0],UNIT["Meter",1.0]],VERTCS["NAD\_1983",DATUM

["D\_North\_American\_1983",SPHEROID

["GRS\_1980",6378137.0,298.257222101]],PARAMETER["Vertical\_Shift",0.0],PARAMETER

["Direction",1.0],UNIT["Meter",1.0]]

## REFERENCE SYSTEM IDENTIFIER

- \* VALUE 26915
- \* CODESPACE EPSG
- \* VERSION 6.13(3.0.1)

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

## VECTOR ►

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

## GEOMETRIC OBJECTS

- FEATURE CLASS NAME CMNetwork\_RPC2021
- \* OBJECT TYPE composite
- \* OBJECT COUNT 454

[Hide Vector ▲](#)

## ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME CMNetwork\_RPC2021
- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polyline
- \* HAS TOPOLOGY FALSE
- \* FEATURE COUNT 454
- \* SPATIAL INDEX TRUE
- \* LINEAR REFERENCING TRUE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

## Distribution ►

## DISTRIBUTION FORMAT

- \* NAME Shapefile

## TRANSFER OPTIONS

- \* TRANSFER SIZE 2.228

[Hide Distribution ▲](#)

## Fields ►

## DETAILS FOR OBJECT CMNetwork\_RPC2021 ►

- \* TYPE Feature Class
- \* ROW COUNT 454

## DEFINITION

Feature class layer

## DEFINITION SOURCE

ESRI

**FIELD Shape** ▶

- \* ALIAS Shape
- \* DATA TYPE Geometry
- \* WIDTH 0
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Feature geometry.

## DESCRIPTION SOURCE

Esri

## DESCRIPTION OF VALUES

Coordinates defining the features.

*Hide Field Shape* ▲

**FIELD LRS\_ID** ▶

- \* ALIAS LRS\_ID
- \* DATA TYPE String
- \* WIDTH 18
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Louisiana roadways ID, internal identifier at LADOTD.

## DESCRIPTION SOURCE

LADOTD 2018

*Hide Field LRS\_ID* ▲

**FIELD OBJECTID** ▶

- \* ALIAS OBJECTID
- \* DATA TYPE Integer
- \* WIDTH 9
- \* PRECISION 9
- \* SCALE 0

*Hide Field OBJECTID* ▲

**FIELD Shape\_Leng** ▶

- \* ALIAS Shape\_Leng
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Length of the CMN feature.

## DESCRIPTION SOURCE

RPC 2021

*Hide Field Shape\_Leng* ▲

## FIELD LRS\_Begin\_ ►

- \* ALIAS LRS\_Begin\_
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

*Hide Field LRS\_Begin\_ ▲*

## FIELD LRS\_End\_Lo ►

- \* ALIAS LRS\_End\_Lo
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

*Hide Field LRS\_End\_Lo ▲*

## FIELD State\_Rout ►

- ALIAS State\_Route
- \* DATA TYPE String
- \* WIDTH 30
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

State Route number

## DESCRIPTION SOURCE

LADOTD 2018

*Hide Field State\_Rout ▲*

## FIELD Urban\_Code ►

- \* ALIAS Urban\_Code
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

*Hide Field Urban\_Code ▲*

## FIELD Urban\_Area ►

- \* ALIAS Urban\_Area
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

*Hide Field Urban\_Area ▲*

## FIELD FID ►

- \* ALIAS FID

\* DATA TYPE OID  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

## FIELD DESCRIPTION

Internal feature number.

## DESCRIPTION SOURCE

Esri

## DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

*Hide Field FID ▲*

## FIELD Label ►

\* ALIAS Label  
\* DATA TYPE String  
\* WIDTH 15  
\* PRECISION 0  
\* SCALE 0

## FIELD DESCRIPTION

CMN feature label for map publication

## DESCRIPTION SOURCE

RPC 2021

*Hide Field Label ▲*

## FIELD LOC\_ERROR ►

\* ALIAS LOC\_ERROR  
\* DATA TYPE String  
\* WIDTH 50  
\* PRECISION 0  
\* SCALE 0

*Hide Field LOC\_ERROR ▲*

## FIELD Street\_Nam ►

ALIAS Street\_Name  
\* DATA TYPE String  
\* WIDTH 50  
\* PRECISION 0  
\* SCALE 0

## FIELD DESCRIPTION

Street Name

## DESCRIPTION SOURCE

LADOTD 2018

*Hide Field Street\_Nam ▲*

## FIELD Functional ►



ALIAS FunctionalClass

\* DATA TYPE String

\* WIDTH 2

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Functional Class on Federal Aid Network.

DESCRIPTION SOURCE

FHWA 2020

[Hide Field Functional ▲](#)

[Hide Details for object CMNetwork\\_RPC2021 ▲](#)

[Hide Fields ▲](#)

## Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME \* dataset

LAST UPDATE 2021-09-28

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2021-09-28 13:09:52

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-09-30 11:16:50

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-09-30 11:16:50

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Leslie Couvillion

ORGANIZATION'S NAME Regional Planning Commission

CONTACT'S POSITION Senior Planner

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE 504-483-8536

ADDRESS

TYPE both

DELIVERY POINT 10 Veterans Boulevard  
CITY New Orleans  
ADMINISTRATIVE AREA LA  
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COUNTRY US  
E-MAIL ADDRESS [lcouvillion@norpc.org](mailto:lcouvillion@norpc.org)

HOURS OF SERVICE  
9a-5p CST

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

**FGDC Metadata (read-only) ▼**