2017 Congestion Mitigation and Air Quality Program (CMAQ) Application

**PROJECT NAME**

2200 N 400 E Roundabout

**PART I**

Contact Jeff Gilbert (435) 755-1634 or jeff.gilbert@cachecounty.org for questions about this application.

For more information on the Federal Transportation Alternatives Program see: https://www.fhwa.dot.gov/environment/transportation_alternatives/guidance/guidance_2016.cfm

For more information on the Congestion Mitigation Air Quality Program see: https://www.fhwa.dot.gov/environment/air_quality/cmaq/policy_and_guidance/2013_guidance/

FULL APPLICATION (PART I & PART II) DUE BY 5:00 PM SEPTEMBER 15, 2017. HOWEVER, PLEASE COMPLETE PART I BY AUGUST 18, 2017

**PROJECT SUMMARY INFORMATION**

**PROJECT SPONSOR**

North Logan

**PROJECT MANAGER**

Lance Anderson

**PROJECT MANAGER PHONE**

435-713-0099

**PROJECT MANAGER EMAIL**

lance@cachelandmark.com

**PROJECT DESCRIPTION**

Please provide a brief description of your project. After completion of this part of the application, you will be provided link where you can upload any plans, reports or photos that may help to better understand your project.

Construct a roundabout at 2200 N and 400 E intersection in North Logan

**DESCRIBE THE GENERAL AIR QUALITY BENEFITS OF YOUR PROJECT**

The installation of the roundabout will reduce car emissions and fuel consumption
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**PROJECT ELIGIBILITY**

**PLEASE SELECT THE MAIN CATEGORY OF FEDERAL AID ELIGIBILITY FOR YOUR PROJECT**
Congestion Reduction & Traffic Flow Improvements

**PART II**

**PROJECT FINANCIAL INFORMATION**

**FEDERAL AID REQUESTED AMOUNT**
APPLICATIONS THAT RECEIVE LESS THAN THE REQUESTED AMOUNT WILL STILL BE REQUIRED TO PROVIDE LOCAL MATCH PROPORTIONAL TO WHAT IS INDICATED IN THIS APPLICATION.

ALTHOUGH NOT REQUIRED, USE OF UDOT’S CONSTRUCTION PROJECT COST ESTIMATING SPREADSHEET IS RECOMMENDED. THIS SPREADSHEET CAN MODIFIED WITH YOUR INPUTS. IT CAN BE DOWNLOADED AT: https://www.udot.utah.gov/main/uconowner.gf?n=7253831073072143

**CMAQ/TA REQUESTED AMOUNT**
$610,000

**LOCAL MATCH AMOUNT (6.7% MINIMUM)**
$40,870

**MAKEUP OF LOCAL MATCH**
Cash match
In-kind match (must meet federal requirements)

**TYPE OF AIR QUALITY IMPROVING PROJECT**

**PROJECT TYPE**
Roadway congestion mitigation project (roadway construction)

**ROADWAY CONGESTION MITIGATION PROJECT (ROADWAY CONSTRUCTION)**

**DESCRIBE HOW THE PROJECT WILL ALLEVIATE CONGESTION ON THIS OR OTHER FACILITIES**
The roundabout at the current 4-way stop will reduce vehicle delay, increase the level of service and reduce congestion in all four legs
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| IF PHASED OR SEGMENTED, DESCRIBE HOW THE PHASE HAS INDEPENDENT UTILITY AND WHAT FUTURE PHASES ARE ANTICIPATED |
| No phasing |

| DOES THE PROJECT REQUIRE THE PURCHASE OF ADDITIONAL RIGHT-OF-WAY? * |
| Yes |

| REDUCTION IN VEHICLE DELAY |
| What is the reduced vehicle delay (estimated reduced vehicle hours traveled or VHT) that would result from your project in 2017 (this information will most likely need to come from a traffic or warrant study based on existing traffic counts)? |

### PROJECT COST (CONSTRUCTION)

At a minimum all projects (that include construction elements) are required to provide the cost estimate summary found below. Projects that include significant construction elements are also required to supply a more detailed cost breakdown that includes unit costs (should include inflation factor, right-of-way, contingency, etc). Although not required, applicants with projects that include construction activities are encouraged to use a project cost estimating Excel spreadsheet tool developed by UDOT (can be easily customized for a non UDOT local project). This spreadsheet tool can be downloaded from the website at: https://www.udot.utah.gov/main/uconowner.gf?n=7253831073072143

| PRELIMINARY ENGINEERING COST |
| $120,000 |

| ENVIRONMENTAL COST |
| $0 |

| RIGHT-OF-WAY COST |
| $80,000 |

| CONSTRUCTION COST |
| $510,000 |

| CONSTRUCTION ENGINEERING COST |
| $40,000 |

| OTHER PROJECT COSTS (DESCRIBE) |
| $30,000 Utility Relocations |

| DO YOU PROJECT COST ESTIMATES TAKE INTO ACCOUNT THE EXTRA PROJECT DELIVERY COSTS WHEN USING FEDERAL AID FUNDS (CONSTRUCTION PROJECTS ONLY)? |
| Yes |