PROJECT TYPE:
Multimodal (bicycle, pedestrian, roadway, transit)

LOCATION:
Kansas City metropolitan area
Kansas Congressional District 3
Missouri Congressional Districts 5 & 6

AREA:
Urban

AWARD AMOUNT:
$50,000,000

RECIPIENTS:
Mid-America Regional Council
Johnson County Transit
Kansas City Area Transportation Authority

PRIMARY CONTACT:
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EXECUTIVE SUMMARY

A. Project Description

TIGER (Transportation Investment Generating Economic Recovery) is a discretionary grant program of the U.S. Department of Transportation funded by the American Recovery and Reinvestment Act. In 2010, the Kansas City region was awarded, on a competitive basis, $50 million in TIGER funding to make transportation infrastructure improvements along several regional transit corridors and in the Green Impact Zone in Kansas City, Mo.

Given the multijurisdictional nature of the project and diverse set of planned investments, the $50 million project was divided into three separate grants through the Federal Transit Administration.

RECIPIENT: Mid-America Regional Council (MARC)
AMOUNT: $600,000
PROJECT ELEMENTS: Program administration and project coordination

RECIPIENT: Johnson County Transit (JCT)
AMOUNT: $10,714,000
PROJECT ELEMENTS: Transit investments in Metcalf Avenue/Shawnee Mission Corridor

- 18 transit stations
- Two park-and-ride facilities
- Pedestrian access improvements on Metcalf Avenue from 87th to College Boulevard
- Pedestrian access and road reconstruction improvements at Broadmoor and Martway
- Implementation of a transit signal priority system at approximately 25 signals along the corridor.
- Design and construction of a transit center adjacent to the city of Mission’s downtown, to support existing transit service and future local bus service.

RECIPIENT: Kansas City Area Transportation Authority (KCATA)
AMOUNT: $38,686,000
PROJECT ELEMENTS: Green Impact Zone infrastructure, transit investments in U.S. 24 and U.S. 40 corridors in eastern Jackson County; North Oak corridor north of the Missouri River; State Avenue corridor in Kansas City, KS.

- Green Impact Zone
  The project location of the Green Impact Zone is in the center of the City of Kansas City bordered by 39th street to the north, 51st street to the south, Troost to the west and Prospect from 39th to Cleaver II and Benton Boulevard from Cleaver II to 51st street on the east. There is also one extension outside this zone to go down Blue Parkway to connect the fiber interconnection to 4721 Coal Mine Road. This project is to improve transportation by allowing people and products to move more readily in the green impact zone. This will be done by providing better access to bus facilities through improvement to sidewalks, bus amenities, and street conditions. The movement of goods
and products will be enhanced through the improvements to the traffic signals and interconnection of the traffic signals with a fiber optic connection. The project will work on these assets in various neighborhoods in the Green Impact Zone.

- **Missouri Transit Corridors**  
The North Oak corridor in the Cities of North Kansas City, Gladstone and Kansas City, MO along Burlington Ave. and the North Oak Trafficway. The Independence Ave. corridor in Kansas City and Independence, MO. along Independence Ave., and Winner Road and at the Independence Transit Center. The Linwood/31st/40 Highway Corridor in Kansas City, Missouri along Linwood Boulevard and 31st Street and at the Blue Ridge Crossing Transit Facility.

- **State Ave. Transit Corridor**  
The State Ave. Corridor from the transit center at 10th and Main in Kansas City, Missouri, west into Wyandotte County, KS, along Minnesota Ave., State Ave. and Village West Parkway. This project will improve bus stops along the corridor and build 2 Transit Center locations at 7th & Minnesota and 47th & State Ave.

**B. Project Status**

**MARC GRANT:**

- Continued program coordination, as well as program evaluation and documentation.

**JCT GRANT:**

- Issued bid for traffic signal priority, continued final design on transit infrastructure, initiated right-of-way acquisition, and utility accommodations.
- Transit signal priority bid package is out to public bid with a pre bid meeting on July 7th and a bid opening on July 19th. There are no current cost or safety issues at this point.
- Planning commission for the City of Mission and the City of Overland Park have approved the transit center final designs and the park and ride final designs.
- Plans for the design of the remaining portions of the project, other than the signal priority system are through preliminary design and moving into final design documentation. Final construction plan documents (95% Complete) are due to the City of Overland Park for review on August 11th with bidding of documents expected in October 2011. There are no current cost or safety issues at this point.

**KCATA GRANT:**

- Issued bids for Green Impact Zone sidewalk jobs, continued project design on State Avenue, North Oak, and eastern corridor transit projects.
- The **Green Impact Zone** has 16 funded projects and 7 contingent projects. Of the 16 funded projects, there are 9 sidewalk repair projects, 2 pavement projects, 1 pedestrian bridge project, 2 traffic signal projects, and 1 Bus Stops Amenities package. Five (A5 thru A9) of the 9 sidewalk
projects have bid, and one (A8) is scheduled for re-bid on July 26, 2011 due to contractor non-compliance. The 2 traffic signal projects are scheduled to bid in August 2011, and the rest of the projects are scheduled to bid in the spring of 2012.

- The Missouri Corridors has 3 different corridors - Eastside- Independence Corridor (3 projects), Eastside- KCMO Corridor (3 projects), and North Oak Corridor (1 project in 3 different cities - Gladstone, North Kansas City, and Kansas City). The Eastside- Independence has one project (Independence Transit Center Heaters) substantially complete. The heaters have been installed and are working properly. They will be powder coated black this summer as a part of a change order. The other two projects will have construction documents completed this summer and are scheduled to bid this fall. Eastside- KCMO has one project (Eastside-KCMO Part 1) submitted to the City for approval and is scheduled to bid this fall. Eastside- KCMO Part 2 has just completed the survey phase and final documents will be completed in August 2011. Eastside- KCMO Blue Ridge Transit Center will have final construction documents submitted after review by Wal-Mart, the private developer, and the City of Kansas City, Missouri. The project is scheduled to be this fall. Final construction documents are scheduled to be complete for the North Oak corridor late this fall and bid in January 2012. The Forecasted TIGER fund cost is $23,071,234.40, which is $968,765.40 under budget. The design for these budgets is over budget by $15,050.35 due to the fact that the design was initially estimated as 8% of construction when it is actually 12-15%. Our construction budget, however, is forecasted to be $179,653 under budget.

- The State Avenue Corridor is in the design phase divided in to 3 parts - the corridor, the 7th Street Transit Center, and the 47th Street TOD. The corridor refers to the bus stops along the corridor and preliminary plans for this part are scheduled for completion in August 2011. The preliminary plans for the 7th Street Transit Center are due by the end of July 2011. The 47th Street TOD is scheduled to have concept plans completed on September 9, 2011.

C. Schedule

MARC GRANT:

- On schedule as defined with respect to Section III: Schedule of executed USDOT/FTA/MARC MOU

JCT GRANT:

- On schedule as defined with respect to Section III: Schedule of executed USDOT/FTA/MARC MOU.

- See Attachment A (JCT Metcalf-SMP BRT Schedule)

- Upcoming Dates include the following:
  - July 7th – Transit Signal Priority Pre Bid Meeting
  - July 19th – Transit Signal Priority bid opening
  - July 19th – Public Information meeting number 3
August 11th – 95% complete bid documents will be submitted to the City and County for review.

KCATA GRANT:

- On schedule as defined with respect to amended project schedule as submitted.
- See Attachment B (TIGER Project Management Design and Const Procurements)
- Green Impact Zone - Five construction contracts were advertised 5/7/2011. Construction NTP is on schedule for 8/29/2011. All of the projects are on schedule to be complete by August 31, 2012.
- Missouri Corridors - The next construction contracts scheduled to be advertised are the Eastside- KCMO Corridor Part 1 on 7/18/2011, however that date will be pushed back into the fall to get approval and permitting from The City. It was submitted on 6/29/2011.
- State Avenue Corridor - The next major milestone for this corridor is to complete the design of the station improvements by 11/30/2011, which is currently on schedule.

D. Cost

MARC GRANT:

- AMOUNT: $600,000
- Expended (expended or under contract) $170,211, 28.4% of the total $600,000
- Committed $294,671 (as of June 30, 2011), 49.11% of total $600,000.

JCT GRANT:

- AMOUNT: $10,714,000
- Expended $631,444 (as of June 30, 2011), 5.89% of the total $10,714,000.
- Committed (expended or under contract) $1,152,054.23, 10.7% of total $10,714,000.
- See Attachment C (JCT TIGER Working Budget)

KCATA GRANT:

- AMOUNT: $38,686,000
- Expended $262,161.25 (as of June 30, 2011), .68% of the total $38,686,000.
- Committed (expended or authorized) $1,318,039, 3.4% of total $38,686,000.
- See Attachment D (KCATA TIGER Budget Summary)
- **Green Impact Zone** - The Troost Pedestrian Bridge is the only design project in the Green Impact Zone. That total cost for it is $299,204.80, which is $795.20 under budget. Four bids to be awarded $968,765.40 under budget and the Forecasted TIGER fund cost is $23,071,234.40.

- **Missouri Corridors** - The forecasted TIGER fund cost for design is $115,050.35, which is $415,050.35 over budget. The forecasted TIGER fund cost for construction is $1,163,447.00, which is $179,653.00 under budget. The current expenditures for this project are $44,658.16 with $125,074.35 committed.

- **State Avenue** - The forecasted TIGER fund cost for design is $1,494,500.00 (committed), which includes a $200,000 design amendment and is $726,500.00 over budget. The forecasted TIGER fund cost for construction is $8,309,500, which is consistent with the revised budget. The budget was revised to reflect actual design cost for the project. The original budget was adjusted to move $727,000.00 from construction of the stations to design. The current expenditure for this project is $334,891.16.

### 1.0 PROGRESS AND DELIVERABLES

**A. Highlight activities and deliverables that occurred during reporting period.**

#### MARC GRANT

**TASK 1: PROGRAM ADMINISTRATION, Program Coordination**

- MARC staff attended State Avenue meeting to discuss service branding that will affect TIGER projects along that corridor
- Held public event at a MARC Board Meeting for the signing of the TIGER agreement.
- May 13, 2011 - MARC staff attended TIGER coordination meeting at Johnson County Transit for the Metcalf/Shawnee Mission Parkway corridor.
- May 17, 2011 – MARC staff attended State Ave. Advisory Team meeting related to TIGER improvements
- May 18, 2011 – Pre-bid meeting held for KCMO’s five bid packages. MARC staff coordinated with Green Impact Zone staff and the city to arrange and set up the meeting.
- May 31, 2011 – MARC staff attended a State Ave progress meeting at KCATA offices.
- June 7, 2011 – MARC staff attended the State Ave. Public meeting for TIGER-funded transit centers along the corridor

**Program Documentation & Evaluation**

- Began scheduling and filming interviewees for introductory TIGER video project
- April 30th – Filmed Revolve KC/Green Impact Zone Bike Repair event activities and interviewed residents about infrastructure improvements and their impact on bicycle safety. May – MARC staff worked on developing baseline conditions for the tracking of TIGER performance.
- May – Proffer Productions continued to film interviewees for TIGER videos.
• June – reviewed first copy of script for video #1 and provided feedback to consultants.

**TASK 2: PROJECT COORDINATION**

**Website Development**
- Continued to update and maintain website and TIGER Tracker
- May – Posted 5 new bid packages plus pre-bid meeting from Kansas City, Mo for Green Impact Zone Improvements on the TIGER website.

**Data Collection**
- Updated TIGER Tracker
- April - Continued to collect information from all partners to develop reports to be posted on the marc.org/tiger webpage
- May – Collected monthly reports from partners and developed monthly reports for PMOCs
- Continued creation and maintenance of TIGER project master database that supports interactive mapping tool and general documentation of project details.
- Collection and review of available baseline data to be used in program evaluation.

**Public Outreach and Communications**
- April - Continued to work with partners on tracking of outreach efforts
- MAY 18, 2011 – MARC staff coordinated with Green Impact Zone and city staff to set up an informational pre-bid meeting for potential contractors in the Green impact Zone, targeting potential contractors for the Zone.
- June – MARC staff provided an update on the TIGER project to MARC’s Total Transportation Policy Committee.

**JCT GRANT:**

- Transit Signal Priority plans were completed and sent out to public bid with a pre-bid opening on July 7, 2011 and a bid opening on July 19. (No current cost or safety issues at this point).
- Field Check plans were completed and reviewed
- Preliminary Plans were completed and reviewed
- Final design documents are underway
- Numerous design meetings and team meetings were held.
- Easement appraisals are complete
- Easement acquisitions have started
- Numerous utility coordination meetings occurred
• Planning Commission for the City of Mission and the City of Overland Park have approved the transit center final designs and the park and ride final designs.
• Plans for design of remaining portions of the project, other than the signal priority system are through preliminary design and moving into final design and documentation
• Final construction plan documents are 95% complete and due to the City of Overland Park for review on August 11, 2011 with bidding of documents expected in October 2011. (No cost or safety issues at this point).

**KCATA GRANT:**

• Held Bi-weekly Internal TIGER Team Meetings on 5/6, 5/20, 6/3, 6/17, 7/8, 7/15
• Updated Project management Plan- 6/1
• Revised Baseline Schedule- 5/3
• Finalized Work Breakdown Structure and Filing System- 5/1

**Green Impact Zone**
- Resolved Buy America Issue- 6/8
- Held Teleconference with FTA to discuss Buy America Resolution- 6/10
- Approved Specifications for Sidewalk Projects- 4/14
- Advertised Bids- 5/7
- Held Pre-Bid Meeting for Sidewalk Projects – 5/18
- Met to review bid documents- 6/15
- Confirmed KCMO recommendation to award 4 bids and reject 1- 6/16
- Five construction contracts were advertised 5/7/2011.
- Construction NTP is on schedule for 8/29/2011.
- All of the projects are on schedule to be complete by August 31, 2012.

**Missouri Corridors**
- The Eastside-Independence Corridor has one project (Independence Transit Center Heaters) substantially complete. The heaters have been installed and are working properly. They will be powder coated black this summer as a part of a change order.
- Eastside- KCMO Corridor and North Oak Corridor will have construction documents completed this summer and are scheduled to bid fall 2011.

**24Hwy & Brookside**
- Reviewed Preliminary Plans- 6/1
- Met with MODOT onsite determine existing conditions and their requirements- 7/6
- Truman and Osage/ Winner
- Met with city and decided to bid these locations as alternates of 24 HWY & Brookside due to budget constraints- 6/13

**Eastside- KCMO Corridor**
- Eastside- KCMO Corridor Part 1
  - Reviewed Final Plans- 6/22
  - Submitted Plans to the City- 6/29
  - The next construction contracts scheduled to be advertised are on 7/18/2011, however that date will be pushed back into the fall to get approval and permitting from The City. It was submitted on 6/29/2011.
Submitted to the City for approval and is scheduled to bid this fall.

- Eastside- KCMO Part 2
  - Reviewed Preliminary Plans- 6/9
  - Completed the survey phase and final documents will be completed in August 2011.
- Eastside- KCMO Blue Ridge Transit Center will have final construction documents submitted after review by Wal-Mart, the private developer, and the City of Kansas City, Missouri. The project is scheduled to be this fall.

- Blue Ridge Transit Center
  - Reviewed Preliminary Plans onsite with developer- 6/9

- North Oak Corridor
  - Finalized scope and fee proposal from Olsson- 7/1
  - Set Kick-Off Meeting for 7/15
  - Final construction documents are scheduled to be complete for late this fall and bid in January 2012.

- State Avenue Corridor
  - Met with KCATA, UG re: plan Public Meeting #1, June 2, 2011
  - Attended Trapeze teleconference on RTAS, June 3, 2011
  - Prepared graphics and displays for Public Meeting
  - Met with Security Bank officials, June 6, 2011
  - Attended Public Meeting #1 at Reardon Center, June 7, 2011
  - Met with KCATA, UG re: shelters, kiosks, RTAS, June 8, 2011
  - Worked on revised transit stop prototypes based on Troost shelter
  - Worked on preliminary plans for transit stops
  - Meetings and correspondence with Cindy Baker, KCATA re: branding, logo
  - Refined options for branding graphics
  - Utility locates and coordination
  - Met with Doug Spangler representing Wyandotte Nation, June 9, 2011
  - Created parking survey and graphic on spaces lost/gained
  - Received guidance on 7th & Minnesota WB stop location, June 13, 2011
  - Internal design team teleconference discussing 47th & State TOD June 16, 2011
  - Worked on revised site layout for 47th & State Transit Center & TOD
  - Updated Public Engagement Plan
  - Worked on preliminary site plan for 7th & Minnesota
  - Worked on preliminary plans for Minnesota Ave. & cost estimate
  - Attended Progress Meeting #4, June 23, 2011
  - Met with UG staff to review streetscape options, June 23, 2011
  - Worked on preliminary site plan for 47th & State
  - Preliminary plans for the 7th Street Transit Center are due by the end of July 2011.
  - The 47th Street TOD is schedule to have concept plans completed on September 9, 2011.
  - The next major milestone for this corridor is to complete the design of the station improvements by 11/30/2011, which is currently on schedule
B. Define activities and deliverables anticipated for next reporting period, including meetings, reviews, submittals and contracting activities.

MARC GRANT:
- Continue program coordination, evaluation, and documentation
- Publish introductory TIGER Video
- Update website and TIGER Tracker
- Complete “Before Conditions” Performance Report

JCT GRANT:
- Final Design plans will be completed and submitted for review on August 11th, 2011.
- Ongoing team meetings will be conducted
- The third public meeting will held to allow the public to review the final design concepts, architectural elements, landscaping elements, and overall project scope and timing
- All easement acquisition offers should be made in July.
- Utility coordination and relocation will be underway.

KCATA GRANT:
- Internal TIGER Team Meetings
- Provide Network Analysis Schedule

Green Impact Zone
- Advertise and Bid Traffic Signal Projects
- Re-Bid Sidewalk Project A6
- Award 4 sidewalk projects

Missouri Corridors
- 24 HWY & Brookside
  - Complete design
  - Submit and approve Plans and Specs
  - Advertise for bid with Truman & Osage Winner
- Eastside- KCMO Part 1
  - Advertise and Bid
- Eastside-KCMO Part 2
  - Complete Final Design
- Blue Ridge Transit Center
  - Complete Final Design
- North Oak Corridor
  - Review Preliminary Design and get approval from municipalities

State Avenue Corridor
2.0 ACTION ITEMS/OUTSTANDING ISSUES

A. Provide ongoing tracking list of action items, updates, and disposition.

MARC GRANT: None

JCT GRANT:
• July 8th – Expected receipt of lighting and power comments from the City of Overland Park
• July 8th – Expected discussion regarding transit stop names at standing team meeting
• August 11th – Submittal of 95% documents for review

KCATA GRANT:
• See Attachment E (KCATA TIGER Grant Action Items)

B. Discuss in detail significant issues that may have adverse impact on scope, budget, schedule, quality, safety or compliance with Federal requirements. Address any key changes to personnel.

MARC GRANT: None

JCT GRANT:
• No known issues at this time.

KCATA GRANT:
• Buy America issues has been resolved. There are no outstanding issues.

3.0 PROJECT SCHEDULE

A. Provide integrated master schedule showing original baseline schedule dates and current status of activities; provide narrative for all schedule variances and recovery plan if required.

JCT GRANT:
• See Attachment A (JCT Metcalf-SMP BRT Schedule)

KCATA GRANT:
• See Attachment B (TIGER Project Management Design and Const Procurements)
B. Note current percentage of completion vs. plan percentage of major project items (design, procurement, construction, etc.).

MARC GRANT: N/A

JCT GRANT:
- See Attachment F (JCT_TIGER-WorkCompleteTo_06-11-11)

KCATA GRANT:
The project is on schedule and within budget

C. Discuss any delays or impacts to milestones and completion dates, including recovery plan.

MARC GRANT: None

JCT GRANT:
- No issues to date with anticipated project deliverables and overall construction schedule.

KCATA GRANT:
- The only delay that has occurred was concerning the Green Impact Zone due to the Buy America Issue. The recovery plan was to move forward with the sidewalk projects first instead of the Traffic signal and Pavement projects. This allowed us to keep the project on schedule. The plan is to stop the sidewalk improvements short of the intersections until the traffic signal projects are ready. Basically, the recovery plan was to change the schedule by putting the sidewalk projects ahead of the traffic signal projects.

4.0 PROJECT COST

A. Provide cost spreadsheet showing current forecasted cost, expenditures to date, original budget, approved change orders, pending change orders, latest approved budget; use sufficient line items to track significant project elements, such as design, right-of-way acquisition, procurement, construction, etc.

MARC GRANT: N/A

JCT GRANT:
- See Attachment C (JCT TIGER Working Budget)
- One contact amendment for $25,590 is budgeted under 11.73.00 Contingency.

KCATA GRANT:
- See Attachment D (KCATA TIGER Budget Summary)
B. Explain variance between current forecasted cost and latest approved budget, including discussion of scope changes, bid evaluations, and any non-Federal funds required to complete project.

MARC GRANT:
- No variances to report.

JCT GRANT:
- No variance exists between the forecasted cost and budget. Currently this project is 100% funded by federal funds.

KCATA GRANT:
- No variance

5.0 PROJECT FUNDING STATUS

MARC GRANT:
- This project is 100% ARRA funded, no state or local funds are budgeted.

JCT GRANT:
- This project is 100% ARRA funded, no state or local funds are budgeted.

KCATA GRANT:
- This project is 100% ARRA funded, no state or local funds are budgeted.

6.0 PROJECT QUALITY
A. Summarize QA/QC activities during reporting period.

MARC GRANT: N/A

JCT GRANT:
- The consulting engineer internal design QA/QC has been ongoing as well as periodic plan reviews by the Cities and County which have resulted in plan comments that are being addressed and implemented into the final design document. An additional consultant design QC will be processed prior to issuance of the plans for the 95% review and again following receipt of the City and County reviews of this package prior to bid documents being issued.

KCATA GRANT:
- KCATA has reviewed all design plans. Each design consultant has reviewed each submittal as well. The designs or then approval by the local governing agencies and the state where the project is located. KCATA Procurement reviews all contract documents to make sure all federal requirements are met.
B. Note any quality issues encountered, reasons for non-compliance or deficiencies, and corrective actions taken or anticipated.

MARC GRANT:
• No quality issues encountered or anticipated.

JCT GRANT:
• Electrical comments issued during the field check submittal phase were inadvertently missed by the design team and have since been corrected and re-issued to the City of Overland Park for an additional review prior to the 95% submittal. This item is back on schedule.

KCATA GRANT:
• No quality issues encountered or anticipated.

7.0 ENVIRONMENTAL MITIGATION
This section reserved for reporting status of complying with measures or action items committed to for mitigation of impacts identified in environmental documentation of project.

MARC GRANT:
• N/A

JCT GRANT:
• No environmental impacts were identified for mitigation in the environmental documentation.

KCATA GRANT:
• No actions or measures were identified in the environmental documentation of the project.

8.0 DBE COMPLIANCE
For reporting status of meeting established DBE goals for project or each component consultant or construction contract(s) within the project.

MARC GRANT: N/A

JCT GRANT: On target to meet or exceed DBE goal

KCATA GRANT: On target to meet or exceed DBE goal

9.0 ADDITIONAL ATTACHMENTS
Graphics, tables, figures, photos, etc.

MARC GRANT:
- Link to TIGER Video production

JCT GRANT:
- See Attachments G, H & I (Transit signing concepts and bus).
- Anticipate construction photos to be provided once construction commences on the transit signal priority.

KCATA GRANT: None