



U.S. Department of Transportation
Federal Transit Administration
Region V
200 West Adams, Suite 320
Chicago, IL 60606



U.S. Department of Transportation
Federal Highway Administration
Chicago Metropolitan Office
200 West Adams, Suite 330
Chicago, IL 60606

October 26, 2015

In Reply Refer To:
HPER-IL

Mr. Jeff South
Interim Director of Planning & Programming
Illinois Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

Subject: Chicago Metropolitan Area
Transportation Improvement Program Non-Exempt Amendments
Conformity Determination

Dear Mr. South:

We approve the amendments to the FY 2014-2019 Chicago Metropolitan Agency for Planning (CMAP) Transportation Improvement Program and the FY 2015-2018 Statewide Transportation Improvement Program (STIP) as submitted with your letter dated October 14, 2015. In taking this action, we find the conformity analysis performed by CMAP meets the applicable criteria of 40 CFR 51 and 93 and that the amendments conform to the State Implementation Plan. In reaching these conclusions, we have relied on documentation presented during the Tier II consultation process. We can now consider project authorization requests related to this STIP amendment.

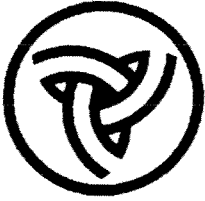
Sincerely,

Sheila J. Clements
Director, Office of Planning
& Program Development

For: Marisol R. Simón
Regional Administrator
Federal Transit Administration

John M. Donovan
Metropolitan Planning Specialist

For: Catherine A. Batey
Division Administrator
Federal Highway Administration



Illinois Department of Transportation

Office of Planning and Programming
2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 14, 2015

Ms. Catherine A. Batey
Division Administrator
Federal Highway Administration
3250 Executive Park Drive
Springfield, Illinois 62703

Attention: John Donovan

Dear Ms. Batey:

Attached for your approval and use in accordance with paragraph 23 CFR 450.326 is copies of non-exempt amendments and the associated conformity determination to the 2014-2019 Transportation Improvement Program (TIP) for the Chicago Metropolitan Agency for Planning (CMAP). Also attached for your use are the FFY2016-2018 Congestion Mitigation and Air Quality program and the FFY2015-2017 Transportation Alternatives Program. The MPO Policy Committee approved these TIP amendments and the associated conformity determination on October 14, 2015.

The Northeastern Illinois region has committed itself to the integration of transportation and air quality planning. To this end, the MPO has developed procedures for incorporating air quality objectives into the transportation planning process. The TIP and Plan amendments being transmitted by this letter are in accordance with USDOT metropolitan regulations and USEPA transportation conformity regulations. The MPO has determined that the TIP and Plan amendments are in conformance with the State Implementation Program. The changes resulting from these amendments have no effect on the emissions estimates made for the region's conformity determination.

We consider the estimate of costs included in the Transportation Improvement Program to be realistic. We concur with the fiscal consistency analysis included in the TIP, and the associated conformity determination. The total cost of the TIP remains consistent with the amount of funds expected to be available to this area during the TIP time period. The Department, on behalf of the Governor of Illinois, concurs with the projects listed in this TIP, and the associated conformity determination.

The State of Illinois would also like to amend its FY 2015-2018 Statewide Transportation Improvement Program (STIP) to incorporate these amendments and modifications to the CMAP 2014-2019 TIP.

If you have any questions or concerns please contact Bruce Carmitchel at 217-785-2994.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Shoup'.

Karen Shoup
Bureau Chief



Chicago Metropolitan Agency for Planning

Agenda Item No. 11.0

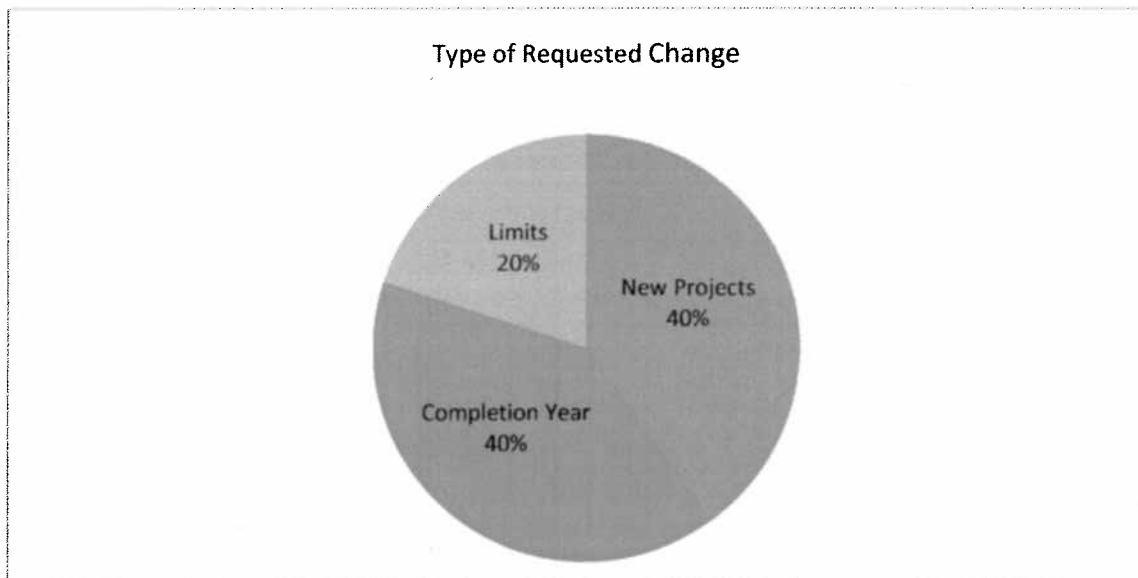
233 South Wacker Drive
Suite 800
Chicago, Illinois 60606

312 454 0400
www.cmap.illinois.gov

MEMORANDUM

To: CMAP Board and MPO Policy Committee
From: CMAP Staff
Date: October 7, 2015
Re: GO TO 2040/TIP Conformity Analysis & TIP Amendments

In accordance with the semi-annual conformity analysis policy CMAP staff asked programmers to submit changes, additions, or deletions to non-exempt projects for inclusion in the regional air quality analysis of the Transportation Improvement Program (TIP) and GO TO 2040. Of the changes requested, five (5) projects require air quality conformity analysis. Below is a summary of the types of requested changes.



If the TIP amendments are approved, two new non-exempt projects will be included in the TIP. These types of projects are included in the conformity analysis because funding for phases beyond preliminary engineering has been identified in the TIP. Non-exempt and exempt tested projects with only preliminary engineering funding are excluded from conformity analysis.

The new projects are:

- TIP ID 09-15-0015: Adding lanes and replacing a bridge on US 30 from west of Dugan Road to Municipal Road.
- TIP ID 09-15-0019: An intersection improvement, reconstructing the current Collins Road, and extending Collins Road from Blue Heron Drive to Minkler Road.

One project requested a reduction to the original limits of the project:

- TIP ID 10-03-0005 Adding lanes and intersection improvements on Deerfield Road, from US 45 Milwaukee Avenue to Saunders Road in Riverwoods rather than Wilmot Road in Riverwoods.

Two projects are requesting changes to their completion year. The completion year indicates when a project is anticipated to be in service to users. The conformity analysis is conducted for selected analysis years between now and 2040. The analysis years are currently 2015, 2025, 2030 and 2040. If a change in completion year results in moving a project across an analysis year, the project must be included in a new conformity analysis. Sponsors indicated that several projects have updated completion years; two of those crossed an analysis year:

- TIP ID 03-09-0073: Adding lanes, resurfacing, curb and gutter improvements, and lighting on IL 19 Irving Park Road from Schaumburg Road to Bartlett Road, the sponsor has requested changing the completion year from 2015 to 2017.
- TIP ID 12-07-0021: Replacing a bridge, adding a continuous bi-directional turn lane, and adding lanes on Ridge Road from south of Minooka Road to McEvelly Road, the sponsor has requested changing the completion year from 2015 to 2016.

At this time no projects are requesting a scope change. The scope of a project is determined by the work types associated with the project.

- Non-exempt work types may affect air quality and must be tested for conformity. Examples of non-exempt work types are adding lanes to a road, an interchange expansion, signal timing and the major expansion of bus route service.
- Exempt tested work types do not require an air quality conformity analysis, but the region has chosen to include the impacts of projects including these work types in the travel demand model. Exempt tested projects include new commuter parking lots, rolling stock replacement, and road reconstruction with lane widening to standard (e.g., 10 feet to 12 feet).
- Exempt work types do not require an air quality conformity analysis. Examples of exempt work types are intersection improvements and rail station modernization.

TIP projects are also viewable in a map format.

Each TIP ID includes a hyperlink to the TIP database for current project information. Changes can also be seen in the Conformity Amendments report which were coded in the 2015, 2025, 2030, and 2040 highway and transit networks. The regional travel demand model was run using the updated networks. The resultant vehicle miles traveled (VMT) by vehicle class, speed, time of day, and facility type were entered into US Environmental Protection Agency's MOVES

model. The model generated on-road emission estimates for each precursor or direct pollutant in each analysis year.

For ozone precursors volatile organic compounds (VOC) and nitrogen oxides (NOx), the resulting emissions inventories estimates fell below the applicable budgets for the maintenance State Implementation Plan (SIP).

Both the annual direct fine particulate (PM_{2.5}) and NOx emissions inventories are below the applicable budgets from the attainment SIP.

Direct PM_{2.5} and NOx Emissions in Tons per Year for PM_{2.5} Conformity

| Year | Fine Particulate Matter | | Nitrogen Oxides | |
|------|-------------------------|------------|-----------------------|------------|
| | Northeastern Illinois | SIP Budget | Northeastern Illinois | SIP Budget |
| 2015 | 2,768.10 | 5,100.00 | 61,168.33 | 127,951.00 |
| 2025 | 1,824.18 | 2,377.00 | 31,224.61 | 44,224.00 |
| 2030 | 1,752.18 | 2,377.00 | 29,028.24 | 44,224.00 |
| 2040 | 1,831.11 | 2,377.00 | 29,766.07 | 44,224.00 |

conformity is demonstrated by comparison of analysis year emissions to the SIP budgets

VOC and NOx Emissions in Tons per Summer Day for Ozone Conformity

| Year | Volatile Organic Compounds | | Nitrogen Oxides | |
|------|----------------------------|------------|-----------------------|------------|
| | Northeastern Illinois | SIP Budget | Northeastern Illinois | SIP Budget |
| 2015 | 76.66 | 117.23 | 162.53 | 373.52 |
| 2025 | 52.29 | 60.13 | 80.22 | 150.27 |
| 2030 | 50.70 | 60.13 | 74.10 | 150.27 |
| 2040 | 53.54 | 60.13 | 75.67 | 150.27 |

conformity is demonstrated by comparison of analysis year emissions to the SIP budgets

Notes:

Off-model benefits are not included in the total emissions estimates

Results updated as of July 1, 2015

ACTION REQUESTED: Approval of the GO TO 2040/TIP Conformity Analysis and TIP Amendments

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Chicago Metropolitan Agency for Planning

233 South Wacker Drive
Suite 800
Chicago, Illinois 60606
312 454 0400
www.cmap.ilinois.gov

Conformity Amendments

| Project: | Action | Pre-Revision Federal Funds (000) | Post-Revision Federal Funds (000) | Change in Federal Funds (000) | Percentage Change | |
|--|-----------------|----------------------------------|-----------------------------------|-------------------------------|-------------------|---------|
| 03-09-0073 Northwest Council of Mayors | Completion Year | \$3000 | \$3500 | \$ 500 | 16.67% | |
| IL 19 Irving Park Road FROM Schaumburg Road (COOK/Streamwood) TO Bartlett Road (COOK/Streamwood) | | | | | | |
| Completion Year Before Revision: 2015 | | | | | | |
| Completion Year After Revision: 2017 | | | | | | |
| Project Work Types Before Revision: HIGHWAY/ROAD - ADD LANES HIGHWAY/ROAD - CURB AND GUTTER SAFETY - LIGHTING HIGHWAY/ROAD - RESURFACE (WITH NO LANE WIDENING) | | | | | | |
| Project Work Types After Revision: HIGHWAY/ROAD - ADD LANES HIGHWAY/ROAD - CURB AND GUTTER SAFETY - LIGHTING HIGHWAY/ROAD - RESURFACE (WITH NO LANE WIDENING) | | | | | | |
| Financial Data Before Revision | Fund Source | Project Phase | FFY | Total Cost | Federal Cost | Segment |
| | STP-L | CONSTRUCTION | 15 | 12000 | 3000 | |
| Financial Data After Revision | Fund Source | Project Phase | FFY | Total Cost | Federal Cost | Segment |
| | STP-L | CONSTRUCTION | 16 | 12000 | 3500 | |

| Project: | Action | Pre-Revision Federal Funds (000) | Post-Revision Federal Funds (000) | Change in Federal Funds (000) | Percentage Change | |
|---|-------------|----------------------------------|-----------------------------------|-------------------------------|-------------------|--------------|
| 09-15-0015 IDOT District 1 Division of Highways | New Project | | \$0 | | | |
| US 30 from W OF DUGAN RD (KANE/Big Rock) to MUNICIPAL RD (KANE/Sugar Grove) | | | | | | |
| Completion Year: 2020 | | | | | | |
| Project Work Types After Revision: HIGHWAY/ROAD - ADD LANES BRIDGE/STRUCTURE - REPLACE | | | | | | |
| Financial Data After Revision | Fund Source | Project Phase | FFY | Total Cost | Federal Cost | Segment |
| | NHPP | CONSTRUCTION | MYB | 46000 | 36800 | 1-78763-0000 |
| | ILL | ENGINEERING-II | 15 | 2851 | 0 | 1-78763-0200 |
| | ILL | ENGINEERING-II | 16 | 450 | 0 | 1-78763-0210 |
| | ILL | ENGINEERING-II | 17 | 550 | 0 | 1-78763-0220 |
| | ILL | ENGINEERING | MYB | 5400 | 0 | 1-78763-0300 |
| | ILL | ROW ACQUISITION | MYB | 350 | 0 | 1-78763-0511 |

| Project: | Action | Pre-Revision Federal Funds (000) | Post-Revision Federal Funds (000) | Change in Federal Funds (000) | Percentage Change | |
|---|-------------|----------------------------------|-----------------------------------|-------------------------------|-------------------|---------|
| 09-15-0019 Kendall County Highway Department | New Project | | \$0 | | | |
| FAU 2514 Collins Road from FAU 3792 Minkler Road (KENDALL/Oswego) to CH 2 Grove Road (KENDALL/Oswego) | | | | | | |
| Completion Year: 2021 | | | | | | |
| Project Work Types After Revision: HIGHWAY/ROAD - RECONST WITH CHANGE IN USE OR WIDTH OF LANE HIGHWAY/ROAD - NEW ROAD Highway/Road - Roundabout | | | | | | |
| Financial Data After Revision | Fund Source | Project Phase | FFY | Total Cost | Federal Cost | Segment |
| | GEN-OP | ENGINEERING-I | 17 | 1000 | | |
| | GEN-OP | ENGINEERING-II | 18 | 1500 | | |
| | GEN-OP | CONSTRUCTION | 19 | 10000 | | |

Gray Financial Data Records are for informational purposes only and not included in the TIP.

This public notice of the revisions being made by CMAP's Transportation Improvement Program satisfies the Program of Projects requirement of Title 49, U.S. Code Section 5307 (c) (1) through (7)
CMAP, the Chicago Metropolitan Agency for Planning -- 233 South Wacker Drive, Suite 800, Chicago, IL 60606 312-454-0400 (voice), 312-454-0411 (fax)

| Project: | Action | Pre-Revision Federal Funds (000) | Post-Revision Federal Funds (000) | Change in Federal Funds (000) | Percentage Change | |
|---|--------------------|--|---|-------------------------------------|---------------------|----------------|
| 10-03-0005 Lake County Department of Transportation | Location Changed | \$0 | \$5856 | \$ 5856 | | |
| Before Revision: CH A47 DEERFIELD RD from IL 21 US 45 MILWAUKEE AVE (LAKE/Riverwoods) to FAU 2718 WILMOT RD (LAKE/Riverwoods) | | | | | | |
| After Revision: CH A47 DEERFIELD RD from IL 21 US 45 MILWAUKEE AVE (LAKE/Riverwoods) to CH W24 SAUNDERS ROAD (LAKE/Riverwoods) | | | | | | |
| Completion Year Before Revision: 2025 | | | | | | |
| Completion Year After Revision: 2025 | | | | | | |
| Project Work Types Before Revision: HIGHWAY/ROAD - ADD LANES HIGHWAY/ROAD - INTERSECTION IMPROVEMENT | | | | | | |
| Project Work Types After Revision: HIGHWAY/ROAD - ADD LANES HIGHWAY/ROAD - INTERSECTION IMPROVEMENT New Bicycle Facility | | | | | | |
| Financial Data Before Revision | Fund Source | Project Phase | FFY | Total Cost | Federal Cost | Segment |
| | MFT-ALL | ENGINEERING-II | 16 | 2000 | 0 | |
| | MFT-ALL | CONSTRUCTION | MYB | 20110 | 0 | |
| Financial Data After Revision | Fund Source | Project Phase | FFY | Total Cost | Federal Cost | Segment |
| | STP-C | ENGINEERING-I | 16 | 2400 | 1920 | |
| | STP-C | ENGINEERING-II | 18 | 1920 | 1536 | |
| | STP-C | ROW ACQUISITION | 18 | 3000 | 2400 | |
| | STP-C | CONSTRUCTION | MYB | 7231 | 5785 | |
| | CTEF | CONSTRUCTION | MYB | 19169 | 0 | Includes E3 |

| Project: | Action | Pre-Revision Federal Funds (000) | Post-Revision Federal Funds (000) | Change in Federal Funds (000) | Percentage Change | |
|--|--------------------|--|---|-------------------------------------|---------------------|----------------|
| 12-07-0021 Grundy County Highway Department | Completion Year | \$2000 | \$2000 | \$ 0 | 0% | |
| Before Revision: FAU 384 RIDGE ROAD FROM FAU 400 (1/4 MI. SOUTH OF) MINOOKA RD (GRUNDY/Minooka) FAU 393 MC EVILLY ROAD | | | | | | |
| After Revision: FAU 384 RIDGE ROAD FROM FAU 400 (1/4 MI. SOUTH OF) MINOOKA RD (GRUNDY/Minooka) to FAU 393 MC EVILLY ROAD (GRUNDY/Minooka) | | | | | | |
| Completion Year Before Revision: 2015 | | | | | | |
| Completion Year After Revision: 2016 | | | | | | |
| Project Work Types Before Revision: HIGHWAY/ROAD - ADD LANES BRIDGE/STRUCTURE - REPLACE HIGHWAY/ROAD - CONTINUOUS BI-DIRECTIONAL TURN LANES | | | | | | |
| Project Work Types After Revision: HIGHWAY/ROAD - ADD LANES BRIDGE/STRUCTURE - REPLACE HIGHWAY/ROAD - CONTINUOUS BI-DIRECTIONAL TURN LANES | | | | | | |
| Financial Data Before Revision | Fund Source | Project Phase | FFY | Total Cost | Federal Cost | Segment |
| | A GEN-OP | ENGINEERING-II | 12 | 750 | 0 | |
| | GEN-OP | ROW ACQUISITION | 15 | 100 | 0 | |
| | GEN-OP | CONSTRUCTION | 15 | 11000 | 0 | |
| | A ILL | ENGINEERING-I | 09 | 300 | | |
| | STP-L | CONSTRUCTION | 15 | 6300 | 2000 | |
| Financial Data After Revision | Fund Source | Project Phase | FFY | Total Cost | Federal Cost | Segment |
| | ILL | ENGINEERING-I | 09 | 300 | | |
| | GEN-OP | ENGINEERING-II | 12 | 750 | 0 | |
| | GEN-OP | ROW ACQUISITION | 15 | 100 | 0 | |
| | GEN-OP | CONSTRUCTION | 15 | 11000 | 0 | |
| | STP-L | CONSTRUCTION | 15 | 6300 | 2000 | |

Gray Financial Data Records are for informational purposes only and not included in the TIP.

This public notice of the revisions being made by CMAP's Transportation Improvement Program satisfies the Program of Projects requirement of Title 49, U.S. Code Section 5307 (c) (1) through (7)

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