

## **ACTION TRANSMITTAL 2017-39**

**DATE:** November 29, 2017  
**TO:** Technical Advisory Committee  
**FROM:** TAC – Planning  
**PREPARED BY:** Russell Owen (651) 602-1724  
**SUBJECT:** Review of Metropolitan Airports Commission 2018-2024 CIP Capital Improvement Program (CIP)  
**REQUESTED ACTION:** MAC requests that the Metropolitan Council review the 2018-2024 MAC CIP as required by MN Statutes 473.181 and 473.621  
**RECOMMENDED MOTION:** Recommend acceptance of the staff analysis of the MAC 2018-2024 Capital Improvement Program (CIP) and forward these comments to the Metropolitan Council for its consideration.

### **BACKGROUND AND PURPOSE OF ACTION:**

The MAC annually prepares a CIP for projects at MSP International Airport and their six General Aviation reliever airports. Under state statutes 473.181 and 473.621 the Council must:

- Determine adequacy of public participation in the CIP process,
- Approve CIP projects meeting certain dollar thresholds, \$5 Million at MSP and \$2 Million at all reliever airports and “significant effects” criteria (referenced in Table 4, A-H),
- Review and comment on all projects for consistency with the Transportation Policy Plan (TPP), including planning and environmental concerns.

In order to allow letting of projects early enough for construction to start in the spring, the Council has agreed to utilize the draft CIP document released in September to expedite the review. The MAC will take action on December 18th to adopt the final 2018-2024 CIP; any changes from the draft will be incorporated into the 2018 CIP review report that goes forward to the Met Council in January. Any changes identified after the MAC Commission action will be reported to TAB. Any comments provided by TAC/TAB will be included for consideration with the final review report submitted by staff for Council action. MAC staff has reported that there might be a few projects that will be moving in the final draft between 2018 and the out years. If any projects shift, they will be reported to TAC/TAB.

### **RELATIONSHIP TO REGIONAL POLICY:**

The Metropolitan Council is required by state law to annually review the MAC CIP to ensure consistency of proposed projects with regional plans. Although state law doesn't

require TAC/TAB to review the MAC CIP, staff traditionally has sought TAC/TAB comments in the review process.

### **STAFF ANALYSIS:**

Analysis confirms that an Assessment of Environmental Effects (AOEE) has been prepared for 2018 projects with potential environmental effects, and MAC has in place an adequate public participation process for development and review of its AOEE and CIP. MAC will hold a public hearing on the AOEE on November 6th, at 10:30 AM at the Planning, Development and Environment Committee meeting at the MSP Conference Room.

The following 2018 projects meet the dollar threshold levels but do not meet the other "significant effects" criteria to trigger project approval:

- MSP – Terminal 1, Mezzanine HVAC/AHU Replacements – \$ 16.2M
- MSP – Terminal 1, Taxiway S Reconstruction – \$ 10.0M
- MSP – Terminal 1, Baggage Handling System - \$ 34.0M
- MSP – Terminal 1, South Security Exit and Expansion - \$41.3M
- MSP – Terminal 1, Restroom Upgrade Program - \$8.6M
- MSP – Terminal 1, Concourse G Moving Walks - \$ 5.0M
- MSP – Terminal 1, Main Mall Food Court Expansion - \$ 12.5M
- MSP – Freight, DHL Building Remodel - \$ 5.25M
- MSP – Freight, Consolidated Loading Dock Facility - \$ 10.0M
- MSP – Noise Mitigation - \$ 6.5M
- Flying Cloud, Runway 10L/28R Modifications - \$2.0M

Federal, state and MAC funding has been identified by the MAC for most projects in the 2018 CIP.

All projects in the 2018 CIP appear consistent with the Transportation Policy Plan (TPP). All of the 2018 MSP projects were evaluated in the 2020 EA for MSP that received a Finding of No Significant Impact (FONSI) in March of 2013 from the Federal Aviation Administration. Initial analysis of the future years (2019-2024) of the CIP shows that many projects will meet the dollar threshold of review but do not appear to meet the significant effects criteria. These projects will be re-evaluated on an annual basis.

The Terminal 1 parking ramp project is multi-year project that is in the construction phase. The current number of parking spaces available at MSP (both Terminal 1 and 2) is 25,400. The new parking ramp project will add approximately 5,000 public parking spaces (19.6% increase), while the significance criteria to trigger project approval is 25%. This ramp project will include a new transit center, rental car ready return areas and rental car customer service building. Although the Blue line provides significant transit ridership to the airport, it should be noted that additional parking spaces are needed because MSP attracts the flying public from throughout the state and surrounding states, since it is the only large-hub airport in the upper Midwest.

**COMMITTEE COMMENTS AND ACTION:** TAC Planning moved to recommend approval.

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**ROUTING**

<b>TO</b>	<b>ACTION REQUESTED</b>	<b>DATE COMPLETED</b>
TAC - Planning	Review and Recommend	11-9-17
Technical Advisory Committee	Review and Recommend	
Transportation Advisory Board	Review and Recommend	
Metropolitan Council	Review and Approve	

## MAC 2018 – 2024 CAPITAL IMPROVEMENT PROGRAM

The MAC 2018 – 2024 Capital Improvement Program material included in this memorandum reflects the actions of the Commission's PD&E Committee on Sep. 5, 2017. Final action by the Commission is expected at their December 18, 2017 meeting. Any changes made on December 4<sup>th</sup> PDE Committee Meeting that may affect the CIP review would be reported at the December 20<sup>th</sup> Transportation Advisory Board.

The overall review schedule for the CIP is listed below. Materials for the TAC - Planning review are included in the following summaries:

- **MAC 2018 CIP Public Review Schedule**  
(See Attachment 1)
- **2018 Projects Requiring an Assessment of Environmental Effects (AOEE)**  
(See Attachment 2)  
No projects meet criteria for environmental review.
- **Projects Meeting \$5M and \$2M Thresholds 2018-2024**  
(See Attachment 3)  
A number of projects potentially meet the threshold dollar levels.
- **Projects Meeting Statutory Review Criteria & Requiring Approval**  
(See Attachment 4)  
A few projects in 2018 meet the dollar threshold levels, but do not meet the criteria requiring project "approval".

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**1) MAC PUBLIC PARTICIPATION PROCESS:**

**MAC - 2018 CAPITAL IMPROVEMENT PROGRAM IMPLEMENTATION SCHEDULE**

<b>CAPITAL IMPROVEMENT PROGRAM</b>	<b>RESPONSIBILITY</b>	<b>SCHEDULE</b>
<b>PROJECTS DEFINITION</b>		January 2017
Initial CIP Discussions -----	MAC Airport Development	January 1 <sup>st</sup> - June 1 <sup>st</sup>
Requests for CIP Projects to Airport Development -----	MAC Departments	January 1 <sup>st</sup> – May 1 <sup>st</sup>
Develop Projects Scopes, Costs, and Prioritization -----	MAC Dept's & Airport Dev.	Feb. 1 <sup>st</sup> - July 31 <sup>st</sup>
Develop Draft Preliminary CIP -----	Airport Development	Feb. 1 <sup>st</sup> - July 31 <sup>st</sup>
<b>PROJECTS ENVIRONMENTAL REVIEW</b>		
Prepare AOEEs and EAWs as required-----	Environment	July 31 – Oct. 7 <sup>th</sup>
Notice of September PD&E Meeting mailed to Affected Municipalities -----	Airport Development	August 31 <sup>st</sup>
Recommendation by PD&E Committee to Commission of Preliminary CIP for Environmental Review/Authorization to Hold Public Hearing on AOEEs and EAWs -----	Airport Development	September 5 <sup>th</sup>
Minutes of September PD&E Committee Meeting and Notice of September Commission Meeting mailed to Affected Communities -----	Airport Development	September 26 <sup>th</sup>
Approval of Preliminary CIP by Commission for Environmental Review/Authorization to Hold Public Hearing on AOEEs and EAWs -----	Airport Development	September 25 <sup>h</sup>
Preliminary CIP Mailed to Affected Communities -----	Airport Development	September 26 <sup>th</sup>
AOEEs and EAWs to EQB -----	Environment	October 2 <sup>nd</sup>
Public Hearing Notice Published in EQB Monitor, starting the 30-Day Comment Period-----	Environment	October 10 <sup>th</sup>
Minutes of September Commission Meeting mailed to Affected Communities -----	Airport Development	November 2 <sup>nd</sup>
Public Hearing on AOEEs and EAWs at November FD&E Committee Meeting -----	Environment	November 6 <sup>th</sup>
Thirty-Day Comment Period on AOEEs and EAWs ends -----	Environment	November 9 <sup>th</sup>
Final Date for Affected Municipalities Comments on Preliminary CIP to MAC -----	Affected Communities	November 8 <sup>th</sup>
Metro Council TAC Planning Review	TAC-Planning	November 9 <sup>th</sup>
Metro Council – TAC -----	TAC	December 6 <sup>th</sup>
Notice of December PD&E Committee Meeting mailed to Affected Communities -----	Airport Development	November 30 <sup>th</sup>
Recommendation by PD&E Committee to Commission of Final CIP -----	Airport Development	December 5 <sup>th</sup>
Minutes of December PD&E Committee Meeting and Notice of December Commission Meeting mailed to Affected Communities -----	Airport Development	December 14 <sup>th</sup>
Metro Council – TAB Policy Committee & TAB-----	TAB	December 20 <sup>th</sup>

PROJECTS PLANNING and FINANCIAL REVIEW		
Approval of Final CIP by Commission-----	Airport Development	December 18 <sup>th</sup>
Notification of Commission action to EQB-----	Airport Development	December 21 <sup>st</sup>
CIP Distributed to MAC Departments, Met Council, State Historical Society and Affected Municipalities -----	Airport Development	December 21 <sup>st</sup>
Metro Council – Committee Action-----	Transportation Committee	January 8 <sup>th</sup>
Metro Council – Council Action-----	Metro Council	January 24 <sup>th</sup>
Minutes of December Commission Meeting mailed to Affected Communities -----	Airport Development	

**Note:** 1) All dates are tentative and subject to change. 2) Shaded items represent actions/dates which pertain to the Affected Communities as defined in Minnesota Statutes § 473.621, Subd. 6, as amended. 3) MAC = Metropolitan Airports Commission 4) PD&E = MAC Planning, Development and Environment Committee 5) AOEE = Assessment Of Environmental Effects 6) EAW = Environmental Assessment Work Sheet 7) EQB = [MN] Environmental Quality Board

**2) PROJECTS REQUIRING AN ASSESSMENT OF ENVIRONMENTAL EFFECTS (AOEE's):**

Project Description	Are the Effects of the project Addressed in an Approved EAW, EA or EIS?	Environmental Categories Affected by the Project													
		Air Quality	Compatible Land Use	Fish Wild-life and Plants	Flood-plains and Flood-ways	Hazardous Materials, Pollution Prevention and Solid Waste	Historical, Architectural, Archaeological and Cultural Resources	Light Emissions and Visual Effects	Parks & Rec. Areas and Trails	Noise	Water Quality (Storm, Waste and Ground Water)	Wet lands	Infra-structure and Public Services	Farm land	Erosion and Sedimentation
<b>MSP AIRPORT PROJECTS</b>															
No EA or EIS Required for 2018 projects	MSP 2020 Environmental Assessment findings.	No Effects													
<b>RELIEVER PROJECTS</b>															
No Projects	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A				

**3) MAC PROJECTS ANTICIPATED TO MEET THE \$5M AND \$2M THRESHOLDS FROM 2018 – 2024:**

Airport	2018	2019	2020	2021	2022	2023	2024
<b>MSP Environmental</b>	Noise Mitigation	Noise Mitigation	Noise Mitigation				
<b>MSP Terminal 1 Lindbergh</b>	-Mezzanine HVAC/AHU Replacements - \$16.2 M -Baggage Handling System - \$34 M -South Security Exit and Façade Expansion - \$41.3 M -Concourse G Moving Walks -\$5 M -Restroom Upgrade Program - \$8.6 M -Terminal 1, Parking -Main Mall Food Court Expansion - \$12.5 M -Consolidated Loading Dock Facility - \$10 M -Freight Building Remodel for DHL -\$5.25M	-IT Modifications - \$8.4 M -Baggage Claim/Ticket Lobby Operational Improvements - \$74.4 M -Taxiway C1 Construction - \$6.0 M -Terminal 1, Parking Ramp, Modifications - \$5 M -Taxiway B/Q Centerline lights - \$6.4 M -MAC Storage Facility \$9.0 M	-ARFF #2 Facility - \$10.5 M -IT Modifications - \$5.5 M -FIS Operational Improvements -\$8.4 M -Baggage Handling System - \$20.6 M -Baggage Claim/Ticket Lobby Operational Improvements - \$48.6 M -Folded Plate Repairs -\$8.9 M -Police, Safety and Ops Center -\$35 M	-Passenger Boarding Bridge Replacements - \$5.0 M -IT Modifications - \$9 M -Baggage Claim/Ticket Lobby Operational Improvements - \$28 M -Lower Level Curbside Check-In expansion-\$12.0 M -Folded Plate Repairs - \$8.9 M	-IT Modifications - \$10.5 M -D Pod Outbound Baggage System - \$5.0 M --Folded Plate Repairs -\$8.9 M -Perimeter Gate Security Improvements - \$5.5 M -Concourse G Rehabilitation \$5 M	-Recarpeting Program - \$7.0 M -IT Modifications - \$10 M -Folded Plate Repairs - \$8.9 M -Concourse G Rehabilitation \$5 M	-Recarpeting Program - \$7.0 M -IT Modifications - \$10 M -Checkpoint Expansion - \$11 M -Concourse G Rehabilitation \$5 M
<b>MSP Airfield</b>	-Taxiway S Reconstruction - \$10 M		-Taxiway D Reconstruction - \$10 M				
<b>MSP Terminal 2 Humphrey</b>						-T2 North Gate Expansion Design Fees-\$5 M	



<b>Lake Elmo Airport</b>		Runway 14/32 Replacement- \$3.0 M	Runway 14/32 Replacement- \$2.0 M Airfield Modifications - \$3.0 M	Runway 14/32 Replacement- \$2.0 M			
<b>Airlake Airport</b>					Runway 12/30 Improvements \$ 3.5 M		
<b>Flying Cloud Airport</b>	Runway 10L/28R Modifications - \$2 M						
<b>Anoka County-Blaine Airport</b>							
<b>St. Paul Downtown Airport</b>		MAC Building Improvements - \$2.3 M			Runway 13/31 Pavement Reconstruction - \$5 M		Runway 14/32 Reconstruction - \$5 M
<b>Crystal Airport</b>			Runway 14R/32L & Taxiway "E" Mods - \$ 3.8 M				

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**4) 2018 PROJECTS MEETING STATUTORY REVIEW CRITERIA AND REQUIRING APPROVAL:**

2018 CIP PROJECTS	Prior Reviews/Actions		Capital			Review			
	LTCP	AOEE***	(A)	(B)	(C)	(D)	(E)	(F)	
AIRPORT / PROJECT	•	<ul style="list-style-type: none"> <li>Review Action</li> </ul>	<ul style="list-style-type: none"> <li>EA-EAW Prepared</li> <li>EIS Reviewed</li> <li>NPDES Approved</li> <li>Legislative Requirement</li> <li>Regulatory Requirement</li> <li>Legal Requirement</li> </ul>	Project meets Dollar threshold at:  MSP = \$5M Relievers = \$2M	Loc. of a New Airport	New Runway at an Existing Airport	A Runway Extension at an Existing Airport	Runway Strengthening other than routine Maintenance.	New or Expanded Passenger Handling or Parking Facilities for 25% or more capacity increase
<b>MSP International Airport 2018 Program:</b>		<ul style="list-style-type: none"> <li>2030 LTCP Update Approved in 2010</li> </ul>	.	<ul style="list-style-type: none"> <li>Passenger Boarding Bridge Replacements</li> <li>Baggage Handling System</li> <li>Vertical Circulation Improvements</li> <li>Concourse G Rehabilitation</li> <li>Parking Ramp-Structure RAC Facility</li> </ul>	N/A	N/A	N/A	N/A	N/A

<i>ST. PAUL DOWNTOWN</i>		<ul style="list-style-type: none"> <li>• 2025 LTCP Approved in 2010</li> </ul>		None					
<i>FLYING CLOUD</i>		<ul style="list-style-type: none"> <li>• 2025 LTCP Approved in 2010</li> </ul>	MAC-City Agreement concluded; FAA review of Agreement & R.O.D. on FEIS completed as part of MAC/Airline Agreement. 2010 Plan being implemented.		N/A	N/A	N/A	N/A	N/A
<i>CRYSTAL</i>	•	<ul style="list-style-type: none"> <li>• 2035 LTCP Approved in 2017</li> </ul>	(EA will begin in 2018).	None					
<i>ANOKA CO. -BLAINE</i>	•	<ul style="list-style-type: none"> <li>• 2025 LTCP Approved in 2010</li> </ul>		None					
<i>LAKE ELMO</i>	•	<ul style="list-style-type: none"> <li>• 2035 LTCP Approved 2016</li> </ul>	(EA will begin in 2017).	None					
<i>AIRLAKE</i>	•	<ul style="list-style-type: none"> <li>• 2035 LTCP Approval expected in 2018</li> </ul>	(negotiations on sewer & water service).	None					

\* Criteria as defined under MS 473.

\*\* Requirements defined under MS 473.

\*\*\* Per AOEE 2018-2024 Summary Environmental Assessment