

ACTION TRANSMITTAL – 2019-64

DATE: November 12, 2019
TO: Technical Advisory Committee - Planning
FROM: Metropolitan Transit Services
PREPARED BY: Russell Owen (651) 602-1724
SUBJECT: Review of Metropolitan Airports Commission 2020-2026 CIP Capital Improvement Program (CIP)
REQUESTED ACTION: MAC requests that the Metropolitan Council review the 2020-2026 MAC CIP as required by MN Statutes 473.181 and 473.621
RECOMMENDED MOTION: Recommend acceptance of the staff analysis of the MAC 2020-2026 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 16th to adopt the final 2020-2026 CIP; any changes from the draft will be incorporated into the 2020 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 2020 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 2020 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 held a public hearing on the AOEE on November 4th, at 10:30 AM at the Planning, Development and Environment Committee meeting at the MSP Conference Room.

The following 2020 projects meet the dollar threshold levels but do not meet the other “significant effects” criteria to trigger project approval:

- MSP – Terminal 1, TSA Design and Construction for new Technology – \$ 12M
- MSP – Terminal 1, IT Miscellaneous Modifications – \$ 5.5M
- MSP – Terminal 1, Baggage Claim/Ticket Lobby Improvements - \$ 85.5M
- MSP – Terminal 1, Emergency Management Center Roof Replacement - \$8.3M
- MSP – Terminal 1, Safety/Ops Center - \$77.5M
- MSP – Terminal 1, Concourse G Infill/Delta Sky Club \$70.5M
- MSP – Airfield, Taxiway D Pavement Reconstruction \$15M
- MSP – Noise Mitigation - \$10.3M
- MIC – Runway 14R/32L Taxiway Modifications - \$5M
- 21D – Runway 14R/32 Runway Replacement - \$2M
- 21D – Runway 14R/32 Airfield Modifications - \$3M

Federal, state and MAC funding has been identified by the MAC for most projects in the 2020 CIP.

All projects in the 2020 CIP appear consistent with the Transportation Policy Plan (TPP). Many of the 2020 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 (2021-2026) 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 runway replacement project at Crystal Airport (MIC) and Lake Elmo Airport (21D) are projects that meets the financial threshold and significant effects criteria to where the Met Council will need to approve the project. The Lake Elmo Airport project was reviewed and approved by the Metropolitan Council last year, therefore it does not need to be approved this year. The updated long-term comprehensive plan for Crystal Airport proposes decommissioning a runway and reconstruct it as a parallel taxiway. This project will “right size” the airport infrastructure. The FAA issued a Finding of No Significant Impact (FONSI) on July 31, 2019. The project is consistent with the TPP.

COMMITTEE COMMENTS AND ACTION:

ROUTING

TO	ACTION REQUESTED	DATE COMPLETED
TAC Planning Committee	Review & Recommend	
Technical Advisory Committee	Review & Recommend	
Transportation Advisory Board	Review & Recommend (or Adopt)	
Metropolitan Council Transportation Committee	Review & Recommend (or Concurrence)	
Metropolitan Council	Review & Adopt (or Concurrence)	

MAC 2020 – 2026 CAPITAL IMPROVEMENT PROGRAM

The MAC 2020 – 2026 Capital Improvement Program material included in this memorandum reflects the actions of the Commission's PD&E Committee on Sep. 3, 2019. Final action by the Commission is expected at their December 16, 2019 meeting. Any changes made on December 2nd PDE Committee Meeting that may affect the CIP review would be reported at the December 18th 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 2020 CIP Public Review Schedule**
(See Attachment 1)

- **2020 Projects Requiring an Assessment of Environmental Effects (AOEE)**
(See Attachment 2)
No projects meet criteria for environmental review.

- **Projects Meeting \$5M and \$2M Thresholds 2020-2026**
(See Attachment 3)
A number of projects potentially meet the threshold dollar levels.

- **Projects Meeting Statutory Review Criteria & Requiring Approval**
(See Attachment 4)
One project meets the criteria and requires approval from the Met Council. The project is the Crystal Runway project. A few projects other projects in 2020 meet the dollar threshold levels, but do not meet the criteria requiring project "approval".

Transportation Advisory Board

of the Metropolitan Council of the Twin Cities

1) MAC PUBLIC PARTICIPATION PROCESS:

MAC - 2020 CAPITAL IMPROVEMENT PROGRAM IMPLEMENTATION SCHEDULE

CAPITAL IMPROVEMENT PROGRAM	RESPONSIBILITY	SCHEDULE
PROJECTS DEFINITION		January 2019
Initial CIP Discussions -----	MAC Airport Development	January 1 st - June 1 st
Requests for CIP Projects to Airport Development -----	MAC Departments	January 1 st – May 1 st
Develop Projects Scopes, Costs, and Prioritization -----	MAC Dept's & Airport Dev.	Feb. 1 st - July 31 st
Develop Draft Preliminary CIP -----	Airport Development	Feb. 1 st - July 31 st
PROJECTS ENVIRONMENTAL REVIEW		
Prepare AOEEs and EAWs as required-----	Environment	July 31 – Oct. 7 th
Notice of September PD&E Meeting mailed to Affected Municipalities -----	Airport Development	August 31 st
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 th
Minutes of September PD&E Committee Meeting and Notice of September Commission Meeting		
mailed to Affected Communities -----	Airport Development	September 23 rd
Approval of Preliminary CIP by Commission for Environmental Review/Authorization to Hold		
Public Hearing on AOEEs and EAWs -----	Airport Development	September 23 rd
Preliminary CIP Mailed to Affected Communities -----	Airport Development	September 17 th
AOEEs and EAWs to EQB -----	Environment	October 1 st
Public Hearing Notice Published in EQB Monitor, starting the 30-Day Comment Period-----	Environment	October 9 th
Minutes of September Commission Meeting mailed to Affected Communities -----	Airport Development	October 31 st
Public Hearing on AOEEs and EAWs at November PD&E Committee Meeting -----	Environment	November 5 th
Thirty-Day Comment Period on AOEEs and EAWs ends -----	Environment	November 8 th
Final Date for Affected Municipalities Comments on Preliminary CIP to MAC -----	Affected Communities	November 8 th
Metro Council TAC Planning Review	TAC-Planning	November 14 th
Metro Council – TAC -----	TAC	December 5 th
Notice of December PD&E Committee Meeting mailed to Affected Communities -----	Airport Development	November 24 th
Recommendation by PD&E Committee to Commission of Final CIP -----	Airport Development	December 4 th
Minutes of December PD&E Committee Meeting and Notice of December Commission Meeting		
mailed to Affected Communities -----	Airport Development	December 4 th
Metro Council – Transportation Advisory Board -----	TAB	December 18 th

PROJECTS PLANNING and FINANCIAL REVIEW		
Approval of Final CIP by Commission-----	Airport Development	December 16 th
Notification of Commission action to EQB-----	Airport Development	December 20 th
CIP Distributed to MAC Departments, Met Council, State Historical Society and Affected Municipalities -----	Airport Development	December 20 th
Metro Council – Committee Action-----	Transportation Committee	January 13 th
Metro Council – Council Action-----	Metro Council	January 27 th
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 Wildlife 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
MSP AIRPORT PROJECTS														
No EA or EIS Required for 2020 projects	MSP 2020 Environmental Assessment findings. Concourse G Environmental Assessment	No Effects												
RELIEVER PROJECTS														
Crystal Airport	Yes	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 2020 – 2026:**

Airport	2020	2021	2022	2023	2024	2025	2026
MSP Environmental	Noise Mitigation	Noise Mitigation	Noise Mitigation	Noise Mitigation	Noise Mitigation	Noise Mitigation	Noise Mitigation
MSP Terminal 1 Lindbergh	-TSA Design and Construction for new Technology - \$12M -IT Miscellaneous Modifications - \$5.5M -Emergency Management Center Roof Replacement - \$8.3M -Safety Ops/Center - \$77.5M -Baggage Claim/Ticket Lobby Improvements \$85.5M -Concourse G Infill and Delta Sky Club- \$70.5M	-Passenger Boarding Bridge Replacements - \$ 8M -Shoulder Reconstruction - \$5M -Taxiway P Reconstruction - \$12M -IT Modifications - \$9 M -Baggage Claim/Ticket Lobby Operational Improvements - \$26M -Baggage Handling System - \$ 39M -Delivery Node Redevelopment - \$7.8M -Air Handling Unit Replacement -\$6.5M	-Shoulder Reconstruction - \$7M -IT Modifications - \$10.5M -FIS Operational Improvements - \$8.4M -Concourse G Moving Walkways - \$6M -Concourse G Rehab - \$5M -Baggage Claim/Ticket Lobby Operational Improvements - \$45.8M -Folded Plate Repairs -\$8.9 M -Mechanical Room Upgrade - \$5.5M -Parking Guidance System - \$6.5M -MAC Storage Facility - \$10M -Perimeter Gate Security improvements - \$6.5M	-Recarpeting Program - \$7M -Shoulder Reconstruction - \$7.5M -IT Modifications - \$10M -Baggage Claim/Ticket Lobby Operational Improvements - \$6M -Apron LED Lighting - \$5M -Tunnel Fan Replacement - \$5M -Perimeter Gate Security Improvements - \$6.5 M -Air Handling Unit Replacement -\$6.5M -Concourse G Rehabilitation \$5M -Concourse G Rehabilitation \$5M -Glumack Dr. reconstruction - \$9.3M -34 th Ave. Reconstruction - \$6M	-Recarpeting Program - \$7M -Shoulder Reconstruction - \$7M -IT Modifications - \$10M -Checkpoint Expansion – \$11M --Folded Plate Repairs -\$8.9 M -Tunnel Fan Replacement - \$6.8M -Air Handling Unit Replacement -\$6.5M -Concourse G Rehabilitation \$5 M	-Recarpeting Program - \$7M -Shoulder Reconstruction - \$6.5M -Taxiway A/B Pavement Reconstruction - \$6.5M -Concourse Tram Replacement - \$300M -IT Modifications - \$10M -Checkpoint Expansion - \$11M -Concourse G Rehabilitation \$5 M -Air Handling Unit Replacement -\$6.5M	-Concourse Tram Replacement - \$300M -Shoulder Reconstruction - \$7M -Taxiway A/B Pavement Reconstruction - \$9.5M -IT Modifications - \$10M -Delivery Node Redevelopment - \$5M --Folded Plate Repairs - \$8.9 M -D Pod Outbound Baggage System - \$ 5.0 M

			-Air Handling Unit Replacement -\$6.5M -34 th Ave. Reconstruction - \$7M				
MSP Airfield	-Taxiway D Reconstruction - \$12 M	-30L EMAS Replacement - \$19M	-Runway 30R Parallel Taxiway – \$12M -Terminal 1 Apron Reconstruction - \$13.5M	-Terminal 1 Apron Reconstruction - \$10.5M	-Runway 30R Parallel Taxiway – \$10M 5 -Terminal 1 Apron Reconstruction - \$11.5M		-Runway 30R Parallel Taxiway – \$14M -Terminal 1 Apron Reconstruction - \$11M

MSP Terminal 2 Humphrey				-Terminal 2 North Gate Expansion Design - \$5M			
Lake Elmo Airport	Runway 14/32 Replacement- \$5M			Runway 4/22 Rehabilitation - \$4M			
Airlake Airport			Runway 12/30 Improvements \$ 3.5 M				
Flying Cloud Airport							
Anoka County-Blaine Airport							Runway 18/36 Pavement Rehabilitation - \$2.5M
St. Paul Downtown Airport			Runway 13/31 Pavement Reconstruction - \$5 M		Runway 14/32 Reconstruction - \$5 M	Runway 14/32 Reconstruction - \$5 M	CBP Ga Facility - \$2M Runway 14/32 EMAS Replacement - \$10M
Crystal Airport	Runway 14R/32L & Taxiway "E" Mods - \$ 5M						

4) 2020 PROJECTS MEETING STATUTORY REVIEW CRITERIA AND REQUIRING APPROVAL:

2020 CIP PROJECTS		Prior Reviews/Actions		Capital			Review		
		LTCP	AOEE***	(A)	(B)	(C)	(D)	(E)	(F)
AIRPORT / PROJECT	•	• Review Action	<ul style="list-style-type: none"> EA-EAW Prepared EIS Reviewed NPDES Approved Legislative Requirement Regulatory Requirement Legal Requirement 	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
MSP International Airport 2020 Program:		• 2030 LTCP Update Approved in 2010	.	<ul style="list-style-type: none"> TSA New Technology IT Modifications EMC Roof Replacement Safety/Ops Center Baggage Claim Improvements Concourse G Infill 	N/A	N/A	N/A	N/A	N/A

<i>ST. PAUL DOWNTOWN</i>		<ul style="list-style-type: none"> • 2025 LTCP Approved in 2010 		None					
<i>FLYING CLOUD</i>		<ul style="list-style-type: none"> • 2025 LTCP Approved in 2010 	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"> • Runway 14/32L Decommission and convert to a parallel taxiway -\$5M 	<ul style="list-style-type: none"> • 2035 LTCP Approved in 2017 	(FAA Issues FONSI in July 2019)	None					
<i>ANOKA CO. -BLAINE</i>	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 2025 LTCP Approved in 2010 		None					
<i>LAKE ELMO</i>	<ul style="list-style-type: none"> • Runway 14/32 Replacement – Estimated Cost \$3M 	<ul style="list-style-type: none"> • 2035 LTCP Approved 2016 	(FAA issues Finding of No Significant Impact in Aug 2018)	None		X			
<i>AIRLAKE</i>	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 2035 LTCP Approval expected in 2018 	(negotiations on sewer & water service).	None					

* Criteria as defined under MS 473.

** Requirements defined under MS 473.

*** Per AOEE 2020-2026 Summary Environmental Assessment