

Pittsburgh Penguins Arena

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Transportation, Traffic and Parking Impact Study

March 17, 2008

Previous Public Process Summer 2007

- Consultants participated in:
 - Two public meetings
 - Seven focus groups

Input on traffic and parking was provided by citizens, community groups and stakeholders.

Traffic & Roadway Improvements

- Design and operate proposed garage driveway on Centre Avenue initially as right-in, right-out only with stop sign control.
- Install a new traffic signal at the intersection of the proposed garage driveway and Centre Avenue by 2020 and then permit all movements or when Lemieux Place is relocated.
- Add westbound right turn signal control head at the intersection of Centre Avenue and Washington Place.
- Optimize traffic signal timings and phasings at all signalized study intersections as necessary

Traffic & Roadway Improvements

- Develop and install appropriate signage directing arena patrons to the new Penguins Arena and parking lots/garages.
- Prohibit on-street parking on the southern side of Centre Avenue in the vicinity of the new garage driveway.
- Provide required sight distances at all proposed site driveways.
- Install stop sign on the exiting driveway approach of the 150 space parking lot onto Stevenson/Colwell.
- Continue to use off-duty police officers for traffic control before and after events.

Master Plan Conditions of Approval

1. Penguins shall commission an update to the traffic impact study approximately six months after building occupancy. The scope of the study, study area, data collection plan and methods of analysis shall be reasonably established by the DCP after prior consultations with the applicant and area stakeholders. The study referenced shall be submitted to the City Planning Commission for review.

Master Plan Conditions of Approval

2. Final Truck Loading Management Plan (TLMP) specifying delivery routes, delivery times, loading areas, roadway widths, and intersection radii shall be submitted by the Penguins for review and approval by DCP and DPW at least 60 days prior to granting a Certificate of Occupancy for the arena building.

Master Plan Conditions of Approval

3. A detailed queuing analysis shall be completed for the parking facility and study intersections. This analysis is to be completed and submitted for review and approval by DCP and DPW, Bureau of Transportation and Engineering (BTE) at least 60 days prior to granting a Certificate of Occupancy for the new arena building and parking garage.

Master Plan Conditions of Approval

4. The SEA shall prepare pre-and final engineering drawings showing three (3) access lanes on Centre Avenue with one (1) lane to be used as a reversible lane during peak arrival and departure times. The drawings shall be submitted to DPW, BTE for review and approval prior to the approval of Project Development Plan. (Subsequently, City Planning revised this to two (2) access lanes on Centre Avenue, with a possible addition of a third lane on the east side of a possible hotel in the future.)

Master Plan Conditions of Approval

5. The Penguins shall provide a plan for on and off-duty police presence and for security during events at the new arena and to enforce parking restrictions in RPPP areas "P" and "W" during events. The Penguins should address this issue comprehensively in the same manner the Steelers and Pirates have for events at PNC Park and Heinz Field. This plan shall be submitted to the Planning Commission at least 60 days prior to granting a Certificate of Occupancy for the new arena building.

Master Plan Conditions of Approval

6. Final traffic signal design drawings, including signal timing plans and phasing diagrams shall be submitted by the Penguins to DCP and DPW, BTE for review and approval at least 60 days prior to granting a Certificate of Occupancy for the new arena building.

Master Plan Conditions of Approval

7. Penguins shall employ an experienced and qualified transportation coordinator prior to opening day in the year 2010 to manage all transportation and parking aspects during events, including vehicular, bus, truck, bicycle, and pedestrian traffic to and from the arena site. Notice of the employment shall be provided to the Planning Commission at least 60 days prior to granting a Certificate of Occupancy for the new arena building and parking garage.

Master Plan Conditions of Approval

8. The Penguins and SEA shall work with the Port Authority of Allegheny County to determine the best methods of providing public transit to the arena site from the LRT, North Shore, Downtown, airport, and other locations in Allegheny County.

Master Plan Conditions of Approval

9. Penguins and SEA shall develop a Traffic Safety and Signage Plan (TSSP), along with traffic signal modifications to install count-down pedestrian crossing meters at the following intersections:

- A. Washington Place & Bedford Avenue / Bigelow Boulevard / I-579
- B. Washington Place & Centre Avenue
- C. Washington Place & Fifth Avenue
- D. Washington Place & Forbes Avenue
- E. Fifth Avenue & Magee
- F. Forbes Avenue and Armstrong Tunnels
- G. Center Avenue and Sixth Street

DCP and DPW shall determine the adequacy of the solution and whether the conditions for safety, accessibility and mobility have been met at least 60 days prior to granting a Certificate of Occupancy for the new arena building.

Master Plan Conditions of Approval

10. A final employee parking management plan, including the location of off-campus employee parking, number of parking spaces provided, number of employees, and transportation services to and from the arena venue shall be submitted to Zoning Administrator for review and approval at least 60 days prior to granting Certificate of Occupancy for the new arena building.

Master Plan Conditions of Approval

11. Penguins shall prepare a policy document for employee parking and the general use of all parking facilities by patrons and employees, for submission to the Zoning Administrator at least 60 days prior to granting a Certificate of Occupancy for the new arena building.

Master Plan Conditions of Approval

12. Adequate easements for pedestrian access between Centre Avenue and Fifth Avenue on both the easterly and westerly ends of the site shall be conveyed to the City of Pittsburgh prior to January 1, 2009. The western access shall be constructed at least 60 days prior to issuing the Certificate of Occupancy for the new arena building.

Master Plan Conditions of Approval

13. Review of the final parking study by Walker Parking, and all questions regarding parking demand, supply, and RPPP enforcement shall be agreed upon, including design and construction of required improvements at least 60 days prior to issuing a Certificate of Occupancy for the new arena building.

Master Plan Conditions of Approval

14. All recommended improvements shall be designed, constructed and functional at least 60 days prior to issuing a Certificate of Occupancy for the new arena building and parking garage.