9/27/12 Dianne Newman 596 Rosemont

Statement to the Transportation Commission

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My name is Dianne Newman and I have lived in Pasadena for the past 12 years. In addition, I am a professor of biology and environmental science at Caltech. and on Trucshigator of the Howard Hughes thedward to but will limit my comments toward the

I am gravely concerned about the EIR, particularly the section related to air quality. To better understand this section of the report, I consulted my colleague, Prof. John Seinfeld. Prof. Seinfeld received the Tyler Prize for Environmental Achievement this year, the premier award for environmental science. He is widely regarded as the world's leading authority on atmospheric aerosols. His research on Los Angeles smog provided the basis for developing the Clean Air Act. City officials have sought Prof. Seinfeld's counsel on the environmental impacts of the 710 expansion, yet not on this project for reasons that are unclear. So I did that myself.

Let me read the text of an email that Dr. Seinfeld sent me:

"Dear Dianne,

Thank you for forwarding to me the link to the Draft Environmental Impact Report on the possible use of the Rose Bowl by the NFL. I have studied section 3.1 of the report, Air Quality. The analysis in this section of the report appears to follow standard practice in the preparation of air quality impact reports and utilizes the procedures designated by the South Coast Air Quality Management District for regional emissions significance thresholds. Section 3.1 concludes (page 3.1-23): "No feasible mitigation measures are known to reduce motor vehicle emissions associated with operation of large sports stadiums to below a level of significance. Therefore, the proposed project would not be capable of reducing its daily operational emissions to a less than significant level on an expansion event day, and the contribution of these emissions to the air quality with the Basin would be cumulatively considerable." The report presents calculations of airborne carbon monoxide concentrations in the vicinity of the Rose Bowl. From the standpoint of human health impacts, emissions of particulate matter need to be considered as well. In summary, the Draft Environmental Impact Report concludes that projected emissions would exceed the SCAQMD significance thresholds and no feasible mitigation measures exist.

John"

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The logical conclusion from Prof. Seinfeld's email is that this project should be a no-go by the criteria set by the SCAQMD. Why does this issue not appear in the Frequently Asked Questions on the City's website? What could be a more important question than how will bringing the NFL to the Rosebowl affect the air we breathe and human health?

I am the mother of a 5 year old child, and very concerned because the increase in particulate matter his lungs—and those of many other children—will experience if the NFL comes to the RoseBowl will damage his health. The connection between PM and severe negative health consequences is well established. It is so clear, in fact, that the US EPA websites lists the following health effects on its website:

• premature death in people with heart or lung disease, and a model PN

· nonfatal heart attacks,

· irregular heartbeat,

· aggravated asthma,

 decreased lung function, and increased respiratory symptoms, such as irritation of the airways, coughing or difficulty breathing.

The EIR clearly states that bringing the NFL to the Rosebowl would negatively impact air quality in a "significant and unavoidable" fashion.

It is imperative that the city not ignore the EIR. If it proceeds, it will be doing so in direct violation of regional and national air quality legislation designed to protect human health. It appears to your

good judgement to stop this.

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Letter No. 43: Dianne Newman

Dianne Newman 596 Rosemont Statement to the Transportation Advisory Committee September 27, 2012

Response 43-1

Refer to Response 17-5 and Response 2-6 regarding localized air quality impacts.