Introduction

When the Metropolitan Transportation Commission (MTC) and Association of Bay Area Governments (ABAG) issued their draft Plan Bay Area (draft Plan), thousands of pages of documents and appendices went up on their website. Most of those pages are parts of the Environmental Impact Report (EIR) prepared to comply with the requirements of the California Environmental Quality Act (CEQA). These comments address concerns in each of the core components of the EIR:

- The basic function to fully inform the public.
- The project description.
- The analysis of alternatives.
- The analysis of project impacts.
- The mitigation measures.

A number of these concerns stem in part from the fact that there are key differences in how the land-use model, UrbanSim, was used to determine the housing distribution in the draft Plan, on the one hand, and in the Equity, Environment and Jobs (EEJ) alternative, and other alternatives on the other hand. Specifically, the EIR adjusted the modeling results for the draft Plan by using unspecified “calibration techniques,” but did not make the same adjustments in the modeling results for the other alternatives. The use of different methods obscures the comparison among Plan alternatives, and departs from the California Transportation Commission’s modeling guidelines for regional transportation plans.

The EIR is Inadequate as an Informational Document

The basic function of an EIR is to fully inform the public and decision makers about the environmental impacts of a project so that the public can provide informed input and the decision makers can make an informed decision. However, this EIR is so complex and confusing – so dependent upon unexplained assumptions embedded in computer models – that it is impossible for the public to fully understand its methodology and clearly evaluate its conclusions. To even attempt to decipher the methodology of the key land use models, the public has to plow through a technical appendix to the draft Plan document, which itself is an appendix to the EIR. Even academic modeling experts who have reviewed the technical appendices and asked for clarification from modeling staff at MTC and ABAG have been unable to determine the exact steps used to create the housing distribution for the draft Plan.

The EIR also falls short of its information function in even more basic ways. It does not inform decision-makers or the public of the health effects on disproportionately-impacted populations of the
increased emissions the EIR identifies as potentially significant. It also does not inform them of the disproportionate impacts on low-income populations that will result from economic displacement.

The Project Description in the EIR is Inadequate

It is impossible for an EIR to adequately inform the public and decision makers about the impacts of a project unless the EIR clearly and consistently describes the project in the first place. This EIR does not pass that test. Unlike every other EIR that has been prepared for SB 375 plans, and for that matter almost every other EIR that is prepared for any purpose, this EIR does not have a separate chapter, or section, entitled “Project Description.” Instead, Chapter 1.2 of the EIR is called “Overview of the Proposed Plan Bay Area.” As its title suggests, it provides an overview of certain features of the plan, but not a complete project description. The description of the core land use component required by SB 375, the Sustainable Community Strategy (SCS), is woefully incomplete. The description of the SCS basically amounts to the statement that it “calls for focused housing and job growth around high-quality transit corridors, particularly within areas identified by local jurisdictions as Priority Development Areas” (DEIR, p. 1.2-24), without providing any specifics about how this focused growth will be achieved, and without even providing a list of the PDAs where the growth will be focused.

For “details” about the SCS, EIR readers are directed to the draft Plan document, which in turn directs readers to the “Jobs-Housing Connection Strategy” (JHCS) published a year before the EIR. The JHCS states that there are 198 PDAs, and the EIR and the draft Plan document both state that there are “nearly 200” PDAs. However, the PDA Readiness Assessment, one of the many support documents published at the same time as the EIR and draft Plan document, states that “a number of changes or modifications have been made since” the JHCS was published, so “the current number of PDAs is 169.” Even though the core feature of the draft Plan is to encourage growth around PDAs, neither the EIR nor any of the documents it references provide a list of PDAs (only maps that are not at a scale to allow one to distinguish individual PDAs in proximity to each other, or to count them individually). There is also an inconsistency in the description of how much housing and jobs will go into the PDAs under the Plan. Among the EIR, SCS and JHCS, the housing number is variously described as “77 percent,” “79 percent,” “over 80 percent,” “80 percent” and “about 80 percent.” The jobs numbers are expressed as 63 percent sometimes and 66 percent other times – a discrepancy of more than 40,000 jobs. The unspecified “calibration techniques” discussed above, which were used to generate the description of how many housing units will be in PDAs as a result of the draft Plan, suggest that the EIR uses an elastic project description that changes shape as necessary to produce various outcomes. That is not a recipe for a useful EIR.

The EIR’s Identification and Analysis of Alternatives Falls Short

The EIR deserves praise for its inclusion of an Equity, Environment and Jobs (EEJ) Alternative, and for acknowledging that the EEJ alternative is the environmentally superior alternative. However, there are important differences between the robust EEJ alternative proposed to ABAG and MTC and the alternative analyzed in the EIR. These differences include: forcing housing into the desired infill zones in the preferred alternative, but not the EEJ alternative; failing to capture in the model the benefits the EEJ alternative would achieve through deed-restricted affordable housing and of OBAG anti-displacement protections; and assuming there would be no CEQA streamlining under the EEJ alternative. As result, the EIR has not in fact analyzed a fully-developed EEJ alternative.
The analysis of the impacts of the EEJ alternative inappropriately masks how much better the EEJ alternative performs compared to the preferred alternative by representing those differences as seemingly-small percentage point differences and then repeating the misleading statement that its benefits are only “marginal.” In fact, when one focuses on absolute numbers rather than misleading percentages, the analysis in the EIR shows substantially better performance by the EEJ alternative. Compared to the proposed plan, the EEJ scenario would result in:

- 1,900 fewer tons of CO2 emissions per day and 568,000 fewer tons of GHG emissions per year
- 6.4 fewer tons of Toxic Air Contaminants (TACs) per year
- 1,290 fewer tons of carbon monoxide emissions per year
- Daily energy savings of 68 billion BTUs, the equivalent of burning 600,000 fewer gallons of gasoline each day.

Furthermore, Sustainable Systems Research LLC concluded that if the modeling had been applied consistently, the EEJ alternative would show improved performance even beyond the performance that caused the EIR to select it as the environmentally superior alternative.

In addition, while the discussion of the EEJ alternative as the environmentally superior alternative drops hints that the alternative may be infeasible, it does not evaluate its feasibility at a level of detail that would be necessary for ABAG and MTC to make a finding of infeasibility. Any such analysis would need to individually evaluate the feasibility of the different major components, and not simply assume that one component can make an entire alternative infeasible. In fact, the VMT fee is not an essential part of the EEJ alternative. While it provides a useful tool for analyzing the benefits that a big boost in transit service would bring to the region, the bulk of those benefits can be achieved without a VMT fee through making $3 billion in additional transit operating funds available in the final Plan, as recommended below. Because the issue here is only financial feasibility, a feasibility analysis would need to fairly apply the same feasibility standards to the preferred alternative, by, for example, acknowledging that it may not be feasible to assume that the same revenues that existed before redevelopment agencies were eliminated will be available now that they have been eliminated.

**The EIR’s Analysis of Project Impacts is Inadequate.**

The failure to base the impact analysis on a fixed, consistent project description permeates all of the individual sections of the impact analysis. The “calibration techniques” used in the land use analysis of the draft Plan are one extreme example of the fact that the impact analysis conducted through complex computer modeling appears to be result-oriented rather than a fair effort to characterize the actual impacts of the actual policy decisions that are supposed drive the analysis. As noted above, Sustainable Systems Research, LLC evaluated the inconsistencies in the modeling approaches and determined that EEJ would show even greater performance benefits relative to the draft Plan had the two been analyzed using comparable methods.

As discussed above, the impact analysis does not analyze the localized health effects on disproportionately-impacted populations of the increased emissions the EIR identifies as potentially significant. It also does not analyze the disproportionate health effects on low-income populations that will experience economic displacement, despite the fact that ABAG acknowledged in its 2007 to
2014 Housing Needs Plan that displacement caused by urban housing demand results in “negative impacts on health, equity, air quality, the environment and overall quality of life in the Bay Area.”

One important shortcoming in the impact analysis relates to the impact of economic displacement. The draft EIR notes correctly that CEQA does not require analysis of pure social or economic impacts. CEQA does, however, require analysis of the physical changes to the environment that are caused by the economic or social effects of a project. And yet the draft EIR does not analyze the social and economic effects of displacement, even though it acknowledges that “Changing development types and higher prices resulting from increased demand could disrupt business patterns and displace existing residents to other parts of the region or outside the region altogether.” Instead, these issues are given inadequate consideration in the Equity Analysis, which is not part of the CEQA analysis. There is no attempt in the draft EIR or in the Equity Analysis to model displacement and identify likely trends in displacement, including areas likely to face pressure, number of households affected, and the impacts on the communities expected to absorb these households, and no attempt to mitigate the impacts of the significant displacement risks that the Equity Analysis found.

The EIR’s Mitigation Measures Fall Short.

To the extent the draft EIR does identify certain localized displacement impacts as significant, it does not propose sufficient mitigation measures even in the context of the artificially-constrained impacts it does address. The displacement mitigation measures focus on enhancing pedestrian and bike access, and general planning. No mitigation is proposed that adds any actual protection against displacement pressures.

Many of the mitigation measures (particularly for air impacts) set forth in the draft EIR are already required by applicable state or local regulations, and thus already required by law to be in the project. For example, (a) use of Tier 2 off-road equipment, (b) anti-idling requirements, and (c) controlling fugitive dust. As the Attorney General pointed out in her lawsuit challenging SANDAG’s SB 375 plan, measures that are already legally required should have been assumed to be part of the baseline of the project. By inappropriately calling them out as mitigation measures, the draft EIR side-steps the consideration of other mitigation measures that could reduce pollution, improve public health, and save lives.

The draft EIR correctly points out in many places that mitigation of a number of the identified impacts is outside the jurisdiction of ABAG and MTC. Nevertheless, ABAG and MTC have not adequately leveraged the mitigation potential of programs that are within their jurisdiction, namely the One Bay Area Grant program (OBAG) and the Regional Housing Needs Allocation (RHNA). The EEJ alternative does a much better job of targeting those programs to achieve the objectives of SB 375 and state and federal transportation and housing laws than the preferred alternative.

We recommend adding the following specific mitigation measures:

- **Transit operations**: Provide $3 billion in additional operating revenue for local transit service in the final Plan, and commit to adopt a long-range, high-priority “Regional Transit Operating Program” to boost transit operating subsidies by another $9 billion over the coming years, as new operating-eligible sources of funds become available.
- **SCS and RHNA housing distribution**: Shift 25,000 RHNA units from PDAs to “PDA-like places,” with a corresponding shift in the SCS.
- **Displacement protections**: Develop and incorporate into the draft EIR strong anti-displacement policies that future OBAG grant recipients will be required to adopt and implement, and provide substantial regional funding for community stabilization measures, such as land banking and preservation of affordable housing in at-risk neighborhoods.

Sincerely,

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