

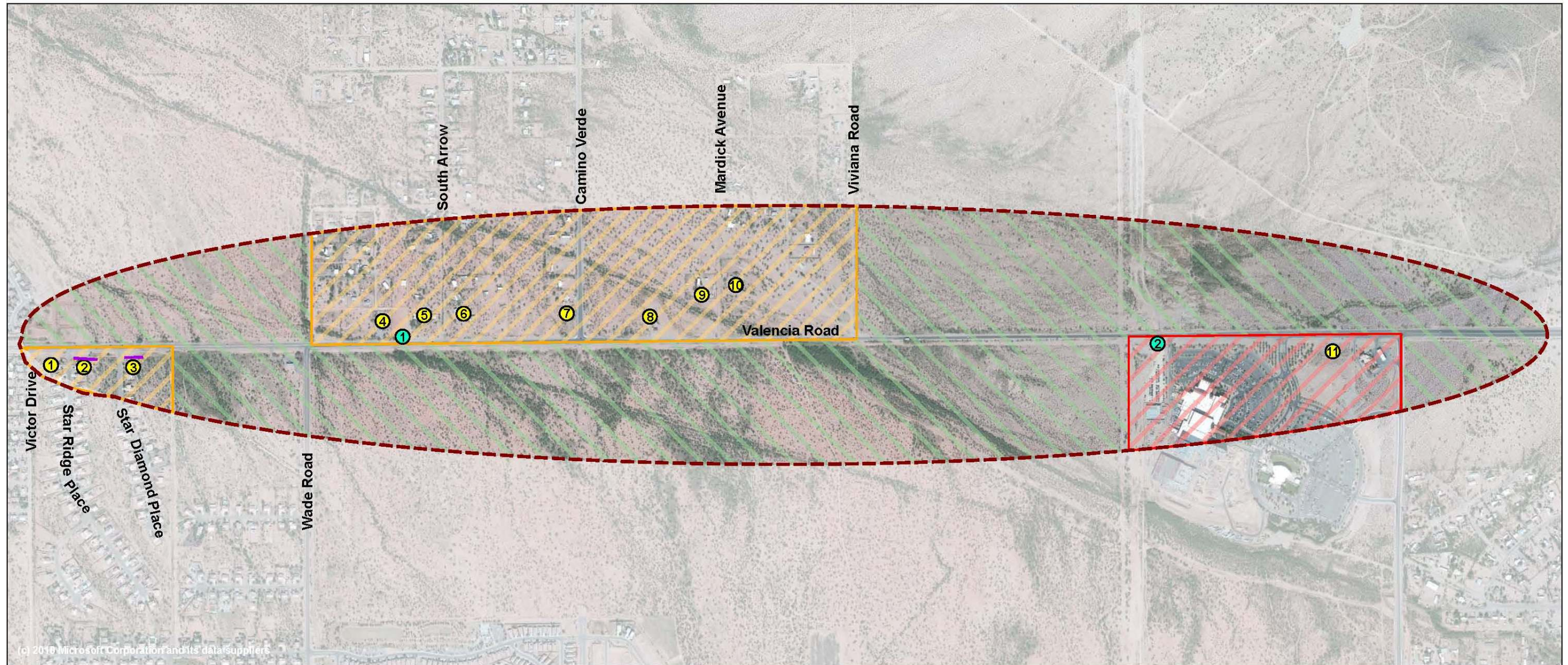


Appendix B

Traffic Noise Analysis

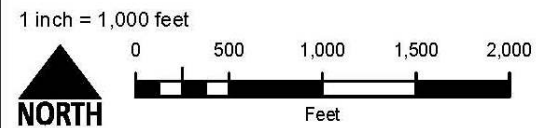


Monitoring Sites and Receiver Locations



Valencia Road, Wade Road to Mark Road

- | | | |
|--|---------------------------|------------------|
| | Noise monitoring location | Land Use* |
| | Noise receiver location | Commercial |
| | Existing wall | Residential |
| | Project area | Undeveloped |



*Land use within project area was field verified on April 21, 2011



Noise Analysis Summary

Receiver ID	Property represented and address(es)	Distance from proposed centerline (feet)	Existing condition (2011) (dBA L _{eq1h})	No-build alternative (2030) (dBA L _{eq1h})	Proposed build alternative (2030) (dBA L _{eq1h})	Difference between existing and no-build (dBA L _{eq1h})	Difference between existing and proposed build (dBA L _{eq1h})	Noise impact*	Mitigation consideration
1	Residential (1) 6516 S. Star Ridge Place	145	58	62	63	4	5	no	None warranted; below noise abatement criteria
2	Residential (1) 6531 S. Star Ridge Place	145	53	58	59	5	6	no	None warranted; below noise abatement criteria
3	Residential (1) 6517 S. Star Diamond Place	135	53	58	59	5	6	no	None warranted; below noise abatement criteria
4	Residential (1) 6886 W. Valencia Road	175	60	63	64	3	4	no	None warranted; below noise abatement criteria
5	Residential (2) 6802 W. Valencia Road	245	58	61	61	3	3	no	None warranted; below noise abatement criteria
6	Residential (2) 6784 W. Valencia Road 6750 W. Valencia Road	245	58	61	60	3	2	no	None warranted; below noise abatement criteria
7	Residential (1) 6452 S. Camino Verde	265	57	60	58	3	5	no	None warranted; below noise abatement criteria
8	Residential (1) 6452 W. Valencia Road	125	61	64	63	3	2	no	None warranted; below noise abatement criteria
9	Residential (1) 6440 S. Mardick Avenue	480	53	56	56	3	3	no	None warranted; below noise abatement criteria
10	Residential (1) 6445 S. Mardick Avenue	460	53	56	56	3	3	no	None warranted; below noise abatement criteria
11	Commercial Casino del Sol and Chevron Station 5655 W. Valencia Road	175	60	62	63	2	3	no	None warranted; below noise abatement criteria

*The receiver is determined to experience a noise impact when the traffic noise levels reach 66 dBA or greater at category B properties (residences) and 71 dBA or greater at category C properties (commercial) for the proposed build alternative.