

Phase I Pediatric Inpatient Tower

Page 2-17 In the last sentence of the second paragraph under this heading, please replace the reference to (Figure 2.4.8-1I) with the following:

(Figure R2.4.8-1I)

Utility Trench

Page 2-18 Please replace the last sentence of the second paragraph under this heading with the following:

Construction staging would be accomplished with the staging areas of MCH (Figure R2.4.8-1D).

Central Plant Building

Page 2-18 In the last sentence of the second paragraph under this heading, please replace the reference to (Figure 2.4.8-1D) with the following:

(Figure R2.4.8-1D)

2.4.8.4 Miller Children’s Hospital–Pediatric Outpatient Building

Page 2-19 In the last sentence of the third paragraph under this heading, please replace the reference to (Figure 2.4.8-1D) with the following:

(Figure R2.4.8-1D)

2.4.8.5 Miller Children’s Hospital–Link Building

Page 2-20 In the last sentence of the third paragraph under this heading, please replace the reference to (Figure 2.4.8-1G) with the following:

(Figure R2.4.8-1G)

2.4.8.6 Roadway Realignment

Page 2-21 In the last sentence of the third paragraph under this heading, please replace the references to (Figures 2.4.8-1A, 2.4.8-1D, and 2.4.8-1E) with the following:

(Figures R2.4.8-1A, R2.4.8-1D, and R2.4.8-1E)

2.4.8.7 Parking Program

Page 2-22 In the last sentence of the third paragraph under this heading, please replace the references to (Figures 2.4.8-1A, 2.4.8-1B, and 2.4.8-1F) with the following:

(Figures R2.4.8-1A, R2.4.8-1B, and R2.4.8-1F)

2.6 Related Projects

Page 2-23 In response to comments provided by the City of Signal Hill on Figure 2.6-1, the locations of four of the related projects were revised as indicated Figure R2.6-1.

In the last sentence of the second paragraph under this heading, please replace the reference to (Figure 2.6-1, *Location of Related Projects*) with the following:

(Figure R2.6-1, *Location of Related Projects*)

3.0 EXISTING CONDITIONS, IMPACTS, MITIGATION, AND LEVEL OF SIGNIFICANCE AFTER MITIGATION

3.1 AESTHETICS

3.1.2 Existing Conditions

State-Designated Scenic Highways

Page 3.1-3 The northeastern boundary of the Campus was revised in Figure 3.1.2-1 and replaced by Figure R3.1.2-1.

In the first sentence of the first paragraph under this heading, please replace the reference to (Figure 3.1.2-1, *Scenic Highways and Routes*) with the following:

(Figure R3.1.2-1, *Scenic Highways and Routes*)

Conditioned Structures

Page 3.1-3 The northeastern boundary of the Campus was revised in Figure 3.1.2-2 and replaced by Figure R3.1.2-2.

In the first sentence of the first paragraph under this heading, please replace the reference to (Figure 3.1.2-2, *Existing Condition: Structures*) with the following:

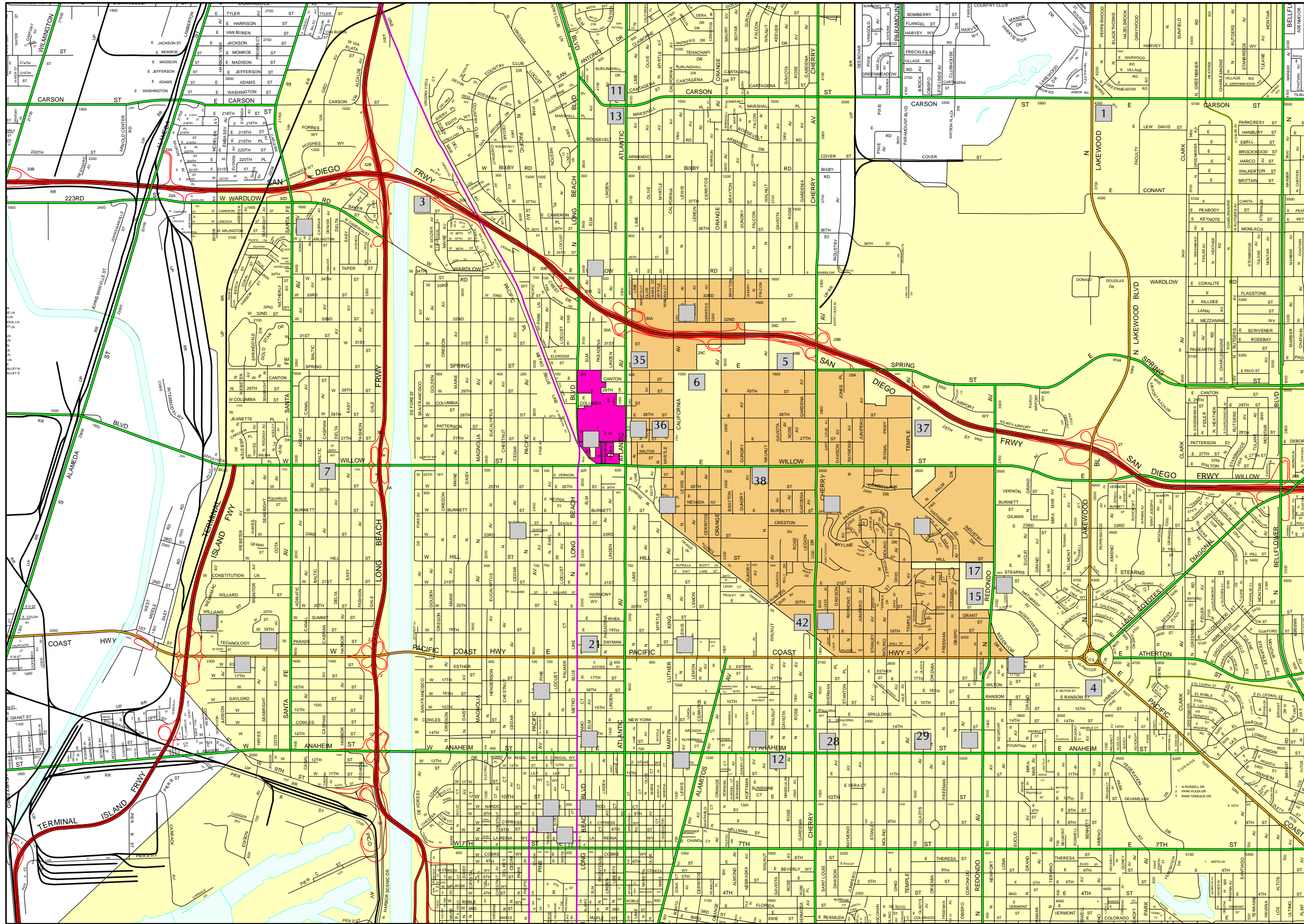
(Figure R3.1.2-2, *Existing Condition: Structures*)

Landscape

Page 3.1-5 The northeastern boundary of the Campus was revised in Figure 3.1.2-3 and replaced by Figure R3.1.2-3.

In the first sentence of the first paragraph under this heading, please replace the reference to (Figure 3.1.2-3, *Existing Condition: Landscape*) with the following:

(Figure R3.1.2-3, *Existing Condition: Landscape*)



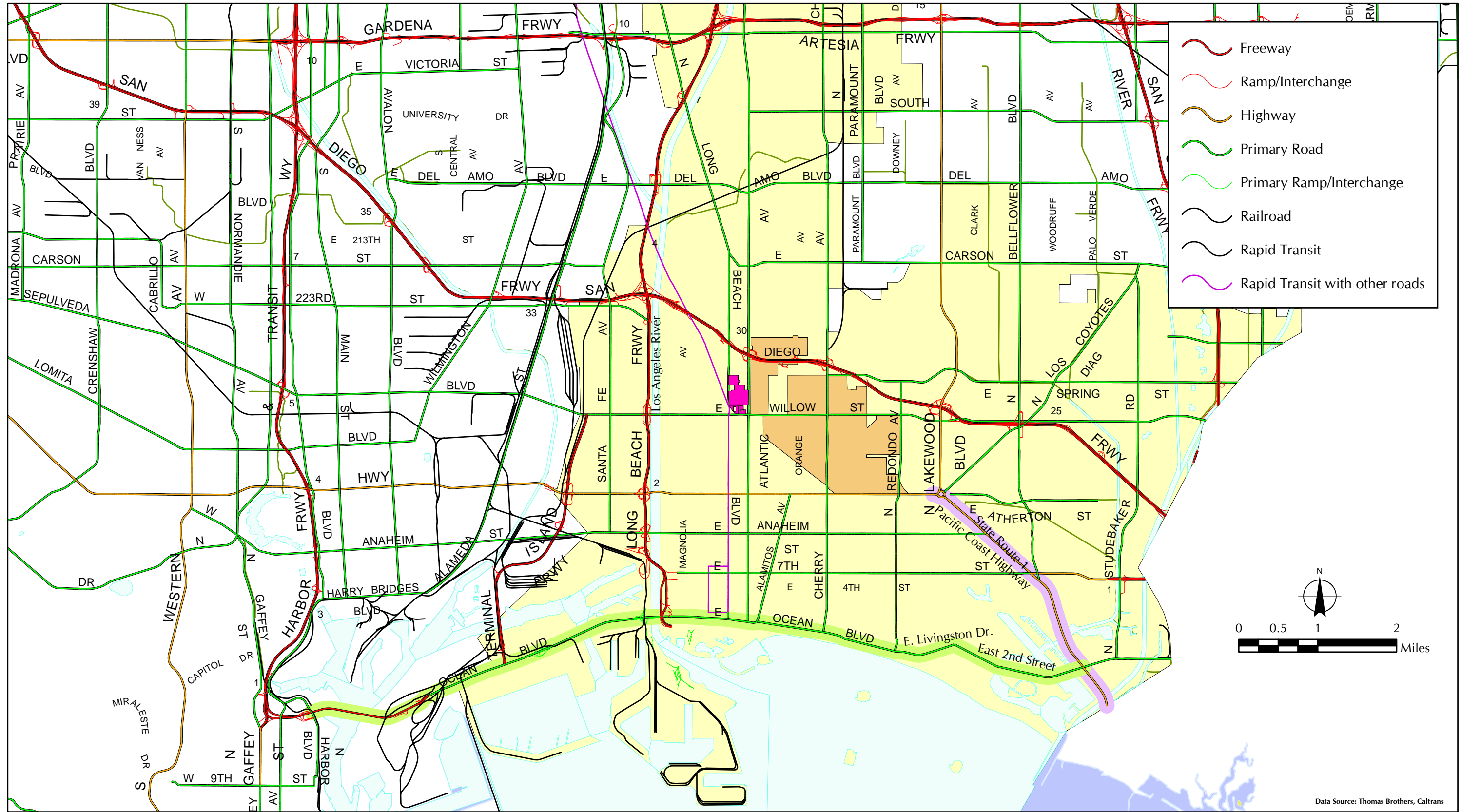
1. Douglas Park Project
2. Windward Village Mobile Home Park
3. OOI Self Storage
4. Retail Center
5. Commercial/Industrial Complex
6. Long Beach Sports Park
7. Retail Center
8. Medical Office
9. Medical Office
10. Medical Office
11. North Long Beach Police Station
12. New Comm. Rehab. Industries Building
13. Medical Office
14. Walgreen's
15. Alamitos Ridge Residential
16. Alamitos Green Residential
17. Elementary School
18. Transitional Housing Facility
19. CSULB Technology Park
20. Warehouse
21. Affordable Condominiums
22. Commercial Building
23. Java Lanes Residential
24. Affordable Condominiums
25. Commercial Center
26. Commercial Building
27. Mark Twain Public Library
28. Commercial Building
29. Auto Zone
30. Lofts
31. Locust Avenue Residential
32. Commercial Building
33. Condominiums
34. U.S. Storage
35. Home Improvement/Retail
36. A and A Ready Mix
37. Six Industrial Buildings
38. Gundry Estates
39. Las Brisas Phase II (Low-Income Housing)
40. Hilltop Specific Plan
41. Hathaway Estates
42. LBUSD Middle School
43. Cherry St./19th Ave. Condominiums









Source: Thomas Brothers, LLC

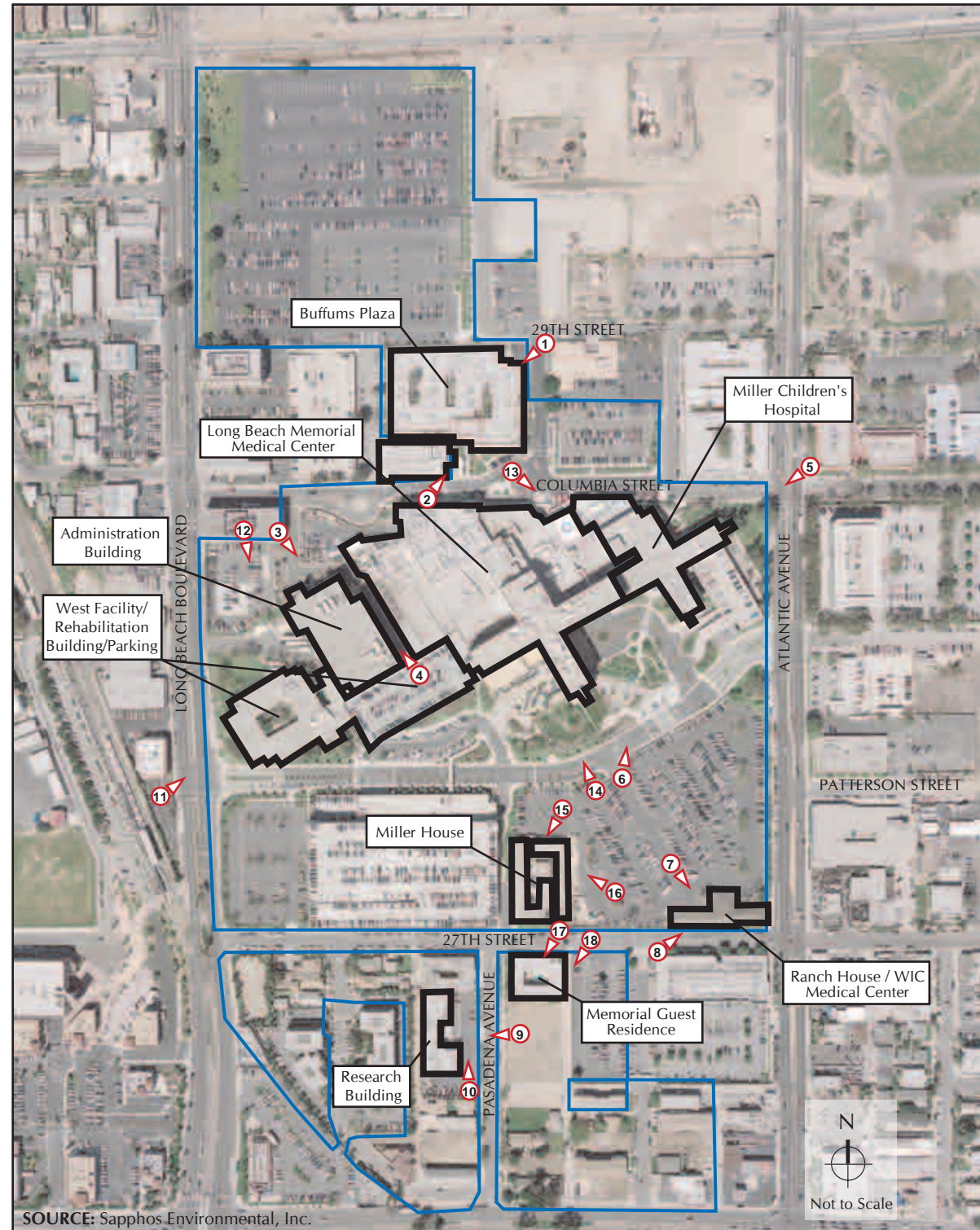
 **FIGURE 2.6-1**
 Location of Related Projects

LBMCC Campus
 City of Long Beach
 City of Signal Hill



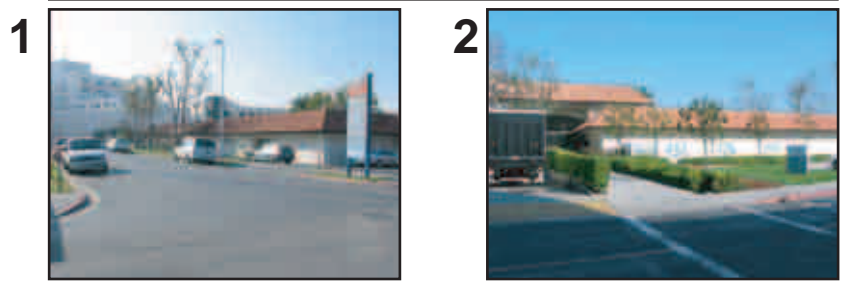
 **FIGURE R3.1.2-1**
Scenic Highways and Routes

 Locally Designated Scenic Route
 Eligible State Scenic Highways - Not Officially Designated
 City of Long Beach
 City of Signal Hill
 LBMMC Campus

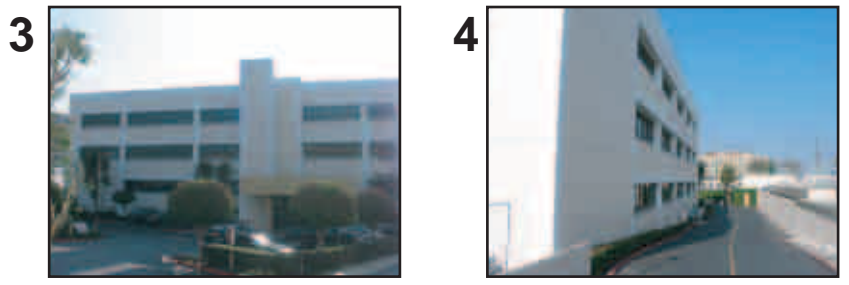


LEGEND
 [Blue outline] LBMMC Boundary
 [Black outline] Buildings Controlled by LBMMC
 [Red circle with number] Photo Points

BUFFUMS PLAZA



ADMINISTRATION BUILDING



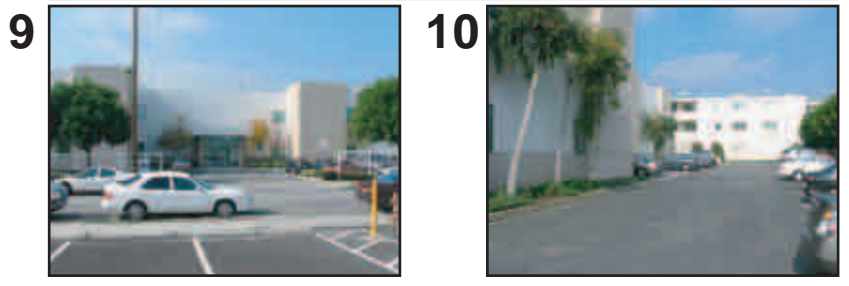
MILLER CHILDREN'S HOSPITAL



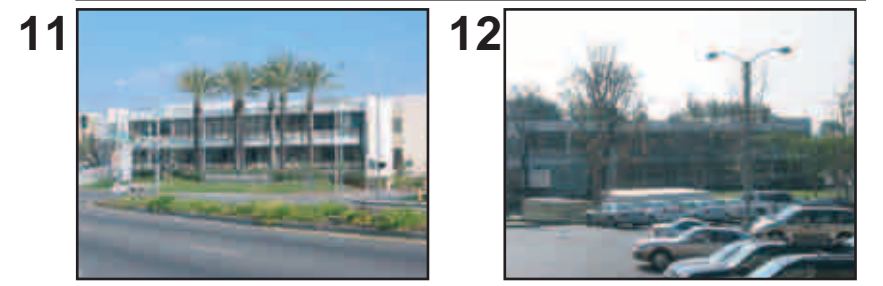
RANCH HOUSE / WIC MEDICAL CENTER



RESEARCH BUILDING



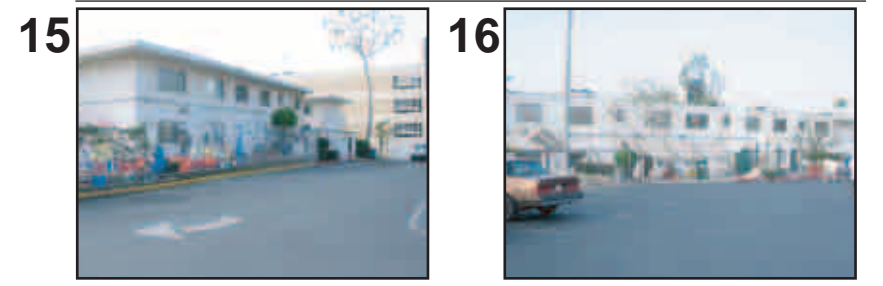
WEST FACILITY/ REHABILITATION BUILDING/PARKING



LONG BEACH MEMORIAL MEDICAL CENTER



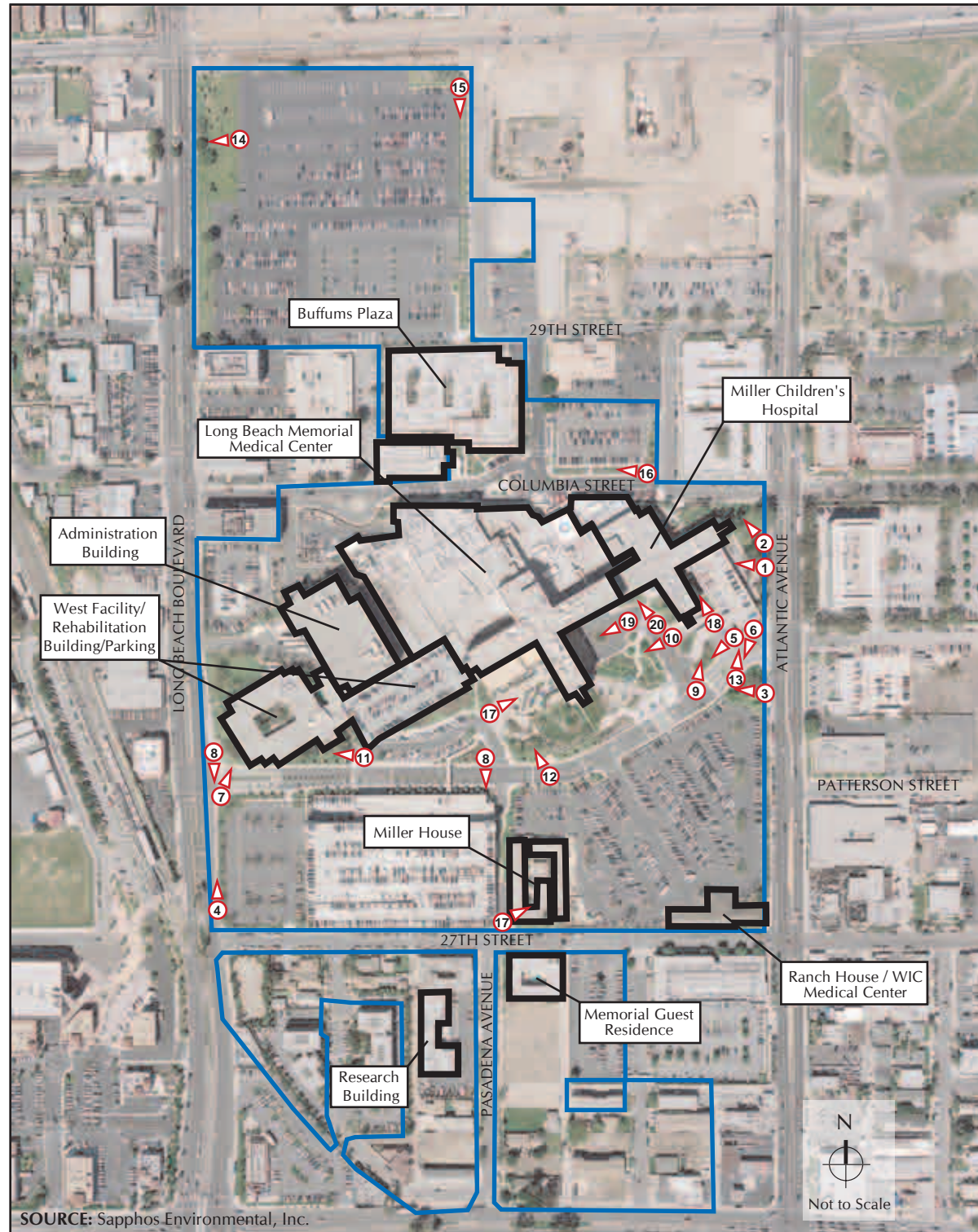
MILLER HOUSE



MEMORIAL GUEST RESIDENCE



FIGURE R3.1.2-2
Existing Conditions: Structures



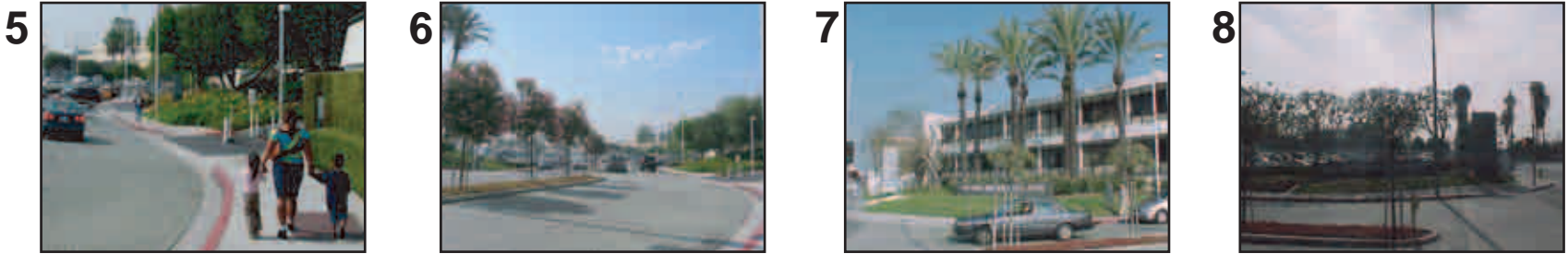
SOURCE: Sapphos Environmental, Inc.

LEGEND
 [Blue outline] LBMCC Boundary
 [Black outline] Buildings Controlled by LBMCC
 [Red circle with number] Photo Points

EXTERIOR BOUNDARY OF THE CAMPUS



PRIMARY ENTRIES



INTERIOR SIDEWALK EDGE TREATMENTS



PARKING LOT EDGE TREATMENTS



BUILDING FACADES AND COURTYARDS

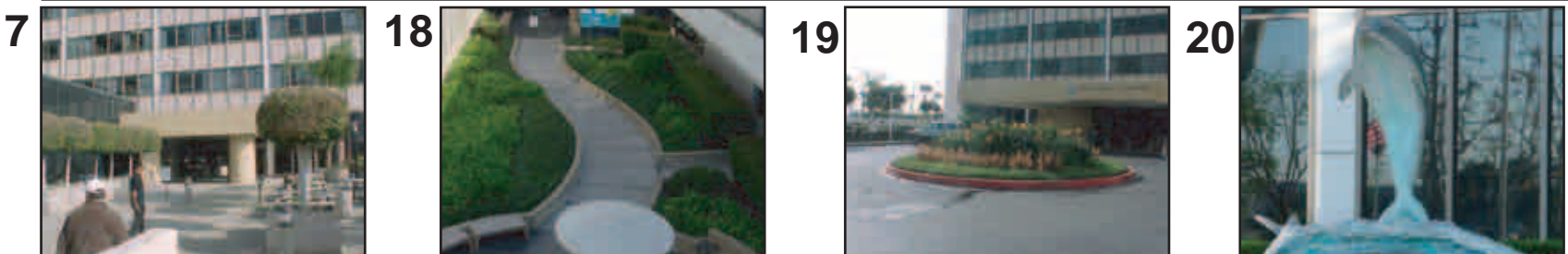


FIGURE R3.1.2-3
Existing Conditions: Landscape

Signs

Page 3.1-5 The northeastern boundary of the Campus was revised in Figure 3.1.2-4 and replaced by Figure R3.1.2-4.

In the first sentence of the first paragraph under this heading, please replace the reference to (Figure 3.1.2-4, *Existing Condition: Signs*) with the following:

(Figure R3.1.2-4, *Existing Condition: Signs*)

3.1.6 Mitigation Measures

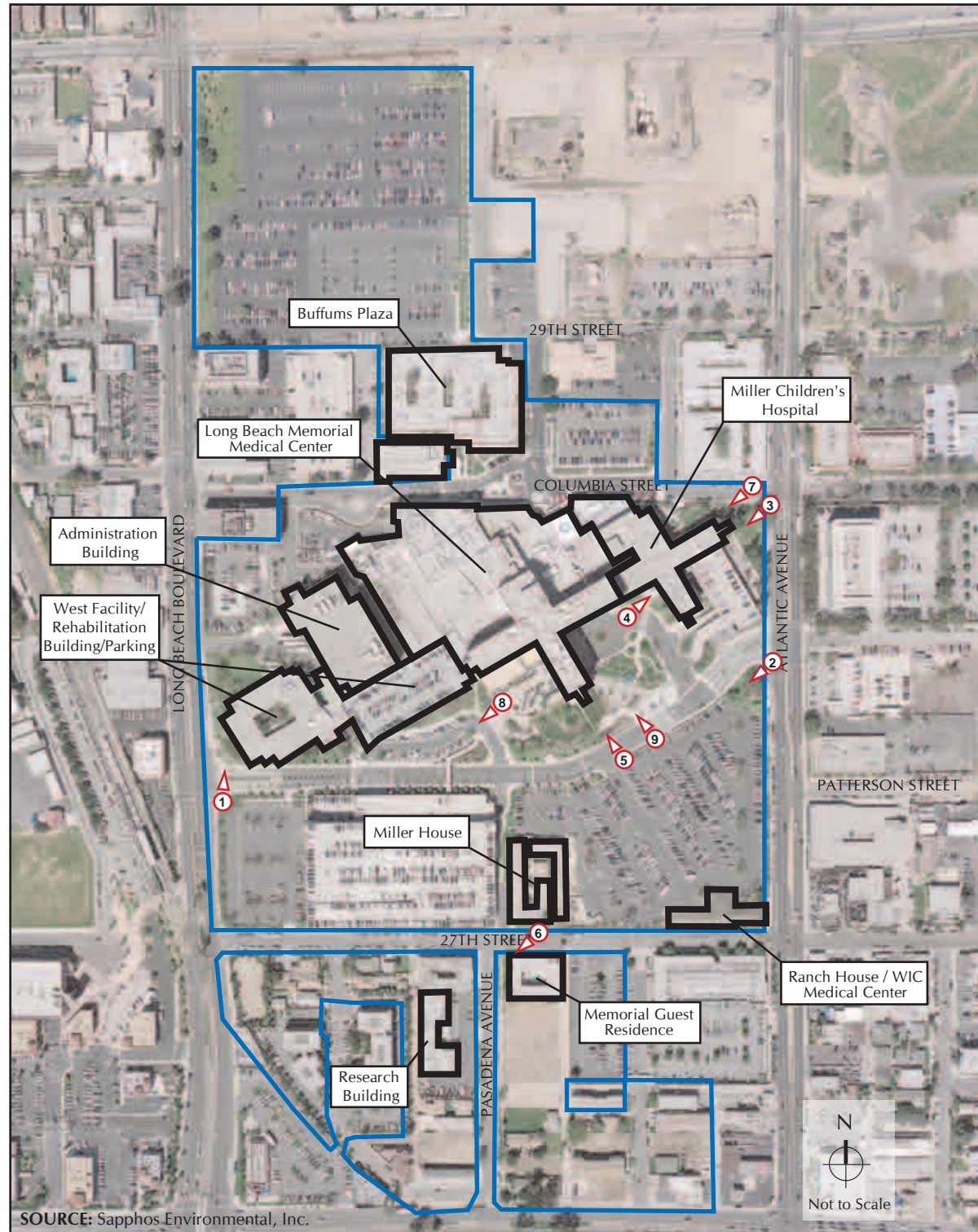
Page 3.1.8 Please replace mitigation measures Aesthetics-1 and Aesthetics-2 under this heading with the following:

Measure Aesthetics-1

The City of Long Beach (City) shall ensure that the potential increase in the amount of light and glare produced due to implementation of the security lighting provided for each element of the proposed project shall be reduced to below the threshold of significance by mandating the design type of the light fixtures, light standard height, and light fixture and standard orientation. The City of Long Beach shall ensure that prior to completion of final plans and specifications for each structural element of the proposed project, lighting plans and specifications shall be submitted to the City of Long Beach Department of Public Works to ensure that all light fixtures shall use glare control visors, arc tube suppression caps, and a photometric design that maintains 70 percent of the light intensity in the lower half of the light beam, or comparable design or technology, to achieve those criteria. The City of Long Beach shall ensure that this requirement applies to all elements of the proposed project: Todd Cancer Institute Phases I and II; Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, and central plant building; MCH pediatric outpatient building; MCH link building; roadway realignment; and parking improvements. Completion of this mitigation measure shall be monitored and enforced by the City of Long Beach Department of Public Works.

Measure Aesthetics-2

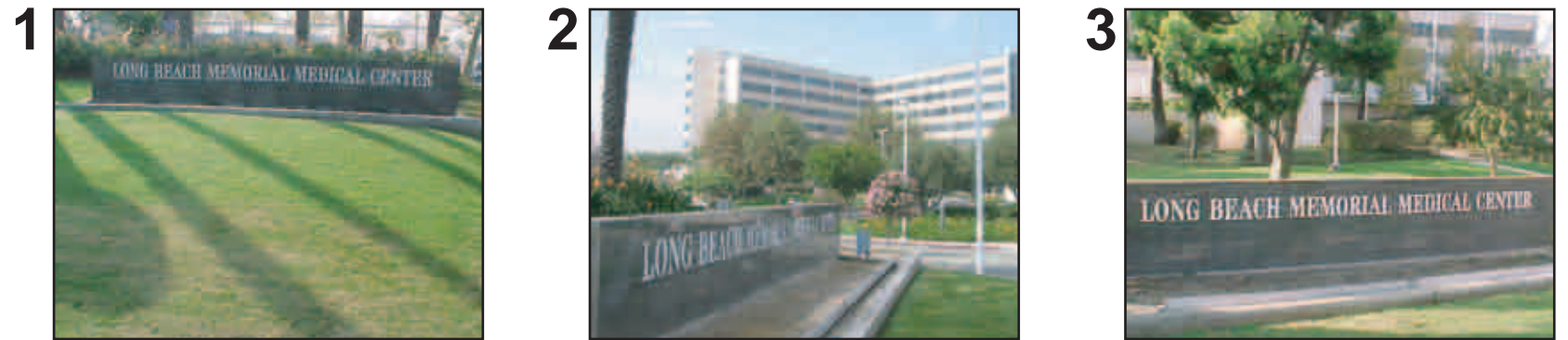
The City of Long Beach shall ensure that the potential increase in the amount of glare produced due to implementation of the structural elements of the proposed project shall be reduced to below the threshold of significance by mandating the design type of the reflective surface of the buildings, careful selection of exterior building materials, and window glass treatments. The City of Long beach shall also ensure that prior to the completion of final plans and specifications for each structural element of the proposed project, plans and specifications shall be submitted to the City of Long Beach Department of Public Works to ensure that the selection of exterior building materials and window glass treatments would not create uncomfortable levels of glare on public roadways or surrounding redirected



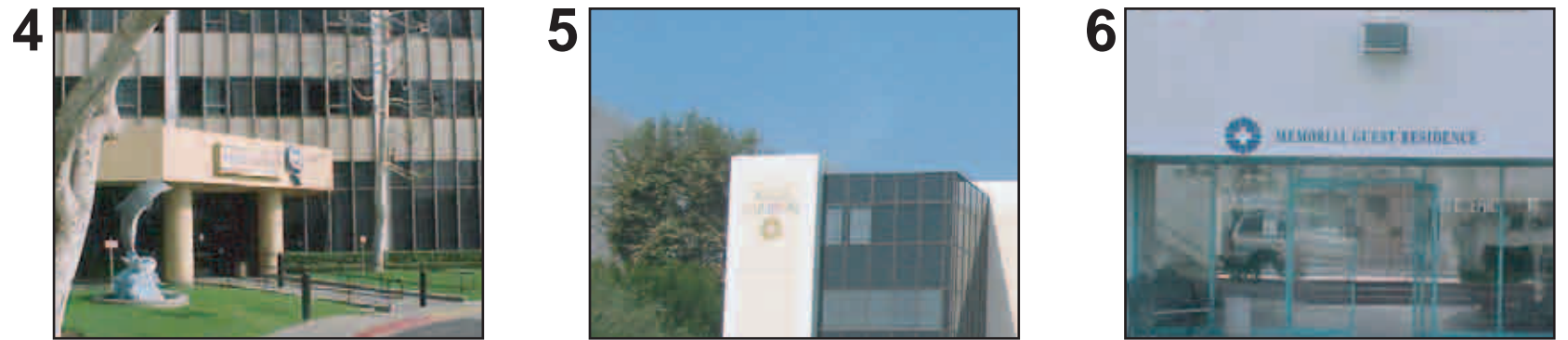
LEGEND

- LBMMC Boundary
- Buildings Controlled by LBMMC
- 10 Photo Points

GATEWAY SIGNS



BUILDING SIGNS



DIRECTIONAL SIGNS



FIGURE R3.1.2-4
Existing Conditions: Signs

areas for the structural elements of the proposed project: Todd Cancer Institute Phases I and II, Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, MCH pediatric outpatient building, and MCH link building. Completion of this mitigation measure shall be monitored and enforced by the City of Long Beach Department of Public Works.

3.2 AIR QUALITY

Page 3.2-1 The URBEMIS air quality modeling data² were transmitted to the South Coast Air Quality Management District and has been included as Revised Appendix C, a supplement to EIR Appendix C. The summary sheets are provided in the supplement. The complete data sheets are available for review at the City of Long Beach and at Sapphos Environmental, Inc. by appointment.

In the third paragraph under this heading, please augment the reference to (Appendix C, *Air Quality Report*) with the following:

(Appendix R.C, *URBEMIS Air Quality Modeling Data*)

3.2.2 Existing Conditions

Page 3.2-6 The northeastern boundary of the Campus was revised in Figure 3.2.2-1 and replaced by Figure R3.2.2-1.

In the second sentence of the sixth paragraph under this heading, please replace the reference to (Figure 3.2.2-1, *Air Quality Monitoring Station*) with the following:

(Figure R3.2.2-1, *Air Quality Monitoring Station*)

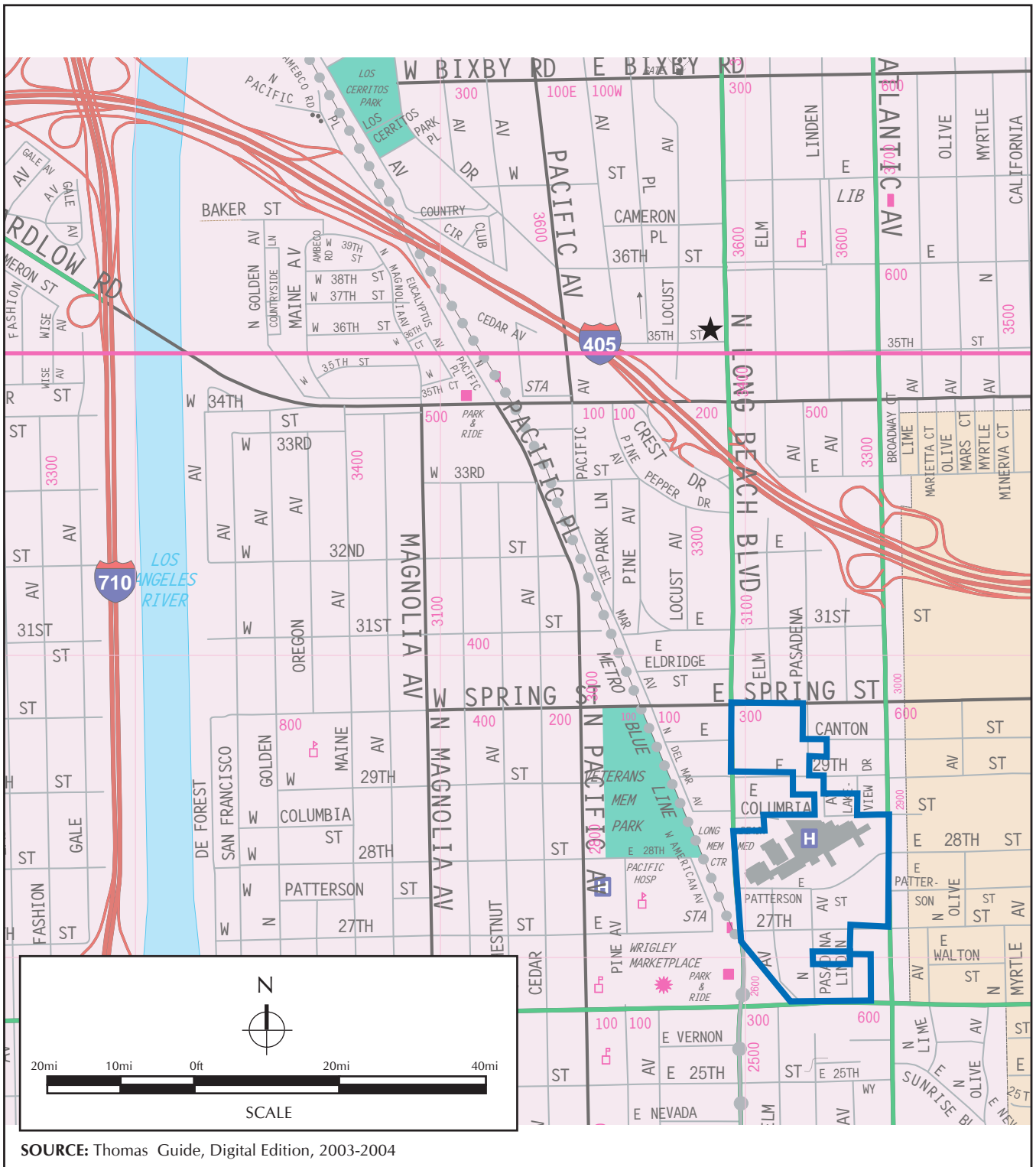
3.2.6 Mitigation Measures

Page 3.2-17 Please replace mitigation measures Air-1 through Air-3 under this heading with the following:

Measure Air-1

As part of the request for the demolition permit for the 86-car parking structure, the WIC Building, and existing structures located in areas specified for development of surface parking areas Q, R, S, and T, the Long Beach Memorial Medical Center shall demonstrate that asbestos-containing materials (ACM) in these structures have been identified and adequately abated, or that the contractor has been informed of the need to identify and abate ACM consistent with the requirements of South Coast Air Quality Management District (SCAQMD) Rule 1403. Specifically, all ACM shall be removed and encapsulated prior to demolition, such that no asbestos fibers are released.

² SCS Engineers. May 2005. *URBEMIS Air Quality Modeling Data*. Prepared by: SCS Engineers, 3900 Kilroy Airport Way, Suite 100, Long Beach, CA 90806. Contact: Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.



SOURCE: Thomas Guide, Digital Edition, 2003-2004

LEGEND



-  Air Quality Monitoring Station
-  Long Beach Memorial Medical Center Campus Boundary



FIGURE R3.2.2-1
Air Quality Monitoring Station

Measure Air-2

Prior to advertising for construction bids for each structural element of the proposed project, the plans and specifications shall be reviewed by the lead agency to ensure that the requirement to comply with South Coast Air Quality Management District (SCAQMD) regulations, including Rule 1403, Rule 402, and Rule 403, is included. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities. The specifications shall require the construction contractor to present a Rule 402/Rule 403 compliance plan at the construction start-up meeting, prior to demolition, construction staging, or grading. The Rule 402/Rule 403 compliance plan shall include mitigation measures Air-2 through Air-12, or comparable measures to prevent nuisance dust and visible emissions. The construction activities related to the proposed project shall comply with SCAQMD regulations, including Rule 1403, Rule 402, and Rule 403. Rule 402 specifies that there shall be no dust impacts off site that would be sufficient to cause a nuisance. Rule 403 specifies that construction activities shall restrict visible emissions from occurring. The contractor's Rule 402/Rule 403 compliance plan shall be subject to approval by the City of Long Beach. Weekly inspections shall be undertaken by the City of Long Beach to ensure conformance with the approved Rule 402/Rule 403 compliance plan.

Measure Air-3

Soil moistening shall be required to treat exposed soil during construction of each element of the proposed project to avoid fugitive dust emissions, ensure compliance with current air quality standards, and avoid contributions to cumulative increases in criteria pollutants. Prior to advertising for construction bids for each element of the proposed project, the plans and specifications shall be reviewed by the lead agency to ensure that the requirement for the construction contractor to ensure that soil is moistened prior to grading and that soil moisture content is maintained at a minimum of 12 percent for all grading activities is included. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities. The construction contractor shall demonstrate compliance with this measure through the submission of weekly monitoring reports to the lead agency. At a minimum, active operations shall utilize one or more of the applicable best available control measures to minimize fugitive dust emissions from each fugitive dust source type that is part of the active operation.

Page 3.2-18 Please replace mitigation measures Air-5 through Air-13 under this heading with the following:

Measure Air-5

Application of water or a chemical stabilizer shall be required to treat grading areas during construction of each element of the proposed project to avoid fugitive dust emissions, ensure compliance with current air quality standards, and avoid contributions to cumulative increases in criteria pollutants. Prior to advertising for construction bids for each element of the proposed project, the lead agency shall ensure that the plans and specifications for each element of the proposed project include the requirement for the construction contractor to apply water or a chemical stabilizer to maintain a stabilized surface on the last day of active operations prior to a weekend or holiday. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities.

Measure Air-6

Moistening or covering of excavated soil piles shall be required to treat grading areas during construction of each element of the proposed project to avoid fugitive dust emissions, ensure compliance with current air quality standards, and avoid contributions to cumulative increases in critical pollutants. Prior to advertising for construction bids for the proposed project, the lead agency shall ensure that the plans and specifications for each element of the proposed project include the requirement for the construction contractor to ensure that excavated soil piles are watered hourly for the duration of construction or covered with temporary coverings. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, roadway realignment, and the parking facilities.

Measure Air-7

Discontinuing grading activities during windy conditions shall be required to treat grading areas during construction of each element of the proposed project to avoid fugitive dust emissions, ensure compliance with current air quality standards, and avoid contributions to cumulative increases in critical pollutants. Prior to advertising for construction bids for each element of the proposed project, the lead agency shall ensure that the plans and specifications for each element of the proposed project include the requirement for the construction contractor to cease grading during periods when winds exceed 25 miles per hour. The Office of Statewide Health

Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities.

Measure Air-8

Moistening excavated soil prior to loading on trucks shall be required at all grading areas during construction of each element of the proposed project to avoid fugitive dust emissions, ensure compliance with current air quality standards, and avoid contributions to cumulative increases in critical pollutants. Prior to advertising for construction bids for the proposed project, the lead agency shall ensure that the plans and specifications for each element of the proposed project include the requirement for the construction contractor to moisten excavated soil prior to loading on trucks. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities.

Measure Air-9

Transport of soils to and from the proposed project site for each element of the proposed project shall be conducted in a manner that avoids fugitive dust emissions, ensures compliance with current air quality standards, and avoids contributions to cumulative increases in criteria pollutants. Prior to advertising for construction bids for each element of the proposed project, the lead agency shall ensure that the plans and specifications for each element of the proposed project include the requirement for the construction contractor to cover all loads of dirt leaving the site or to leave sufficient freeboard capacity in the truck to prevent fugitive dust emissions en route to the disposal site. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities.

Measure Air-10

Washing of wheels leaving the construction site during construction of each element of the proposed project shall be required to avoid fugitive dust emissions, ensure compliance with current air quality standards, and avoid contributions to cumulative increases in criteria pollutants. The lead agency shall ensure that the plans and specifications for each element of the proposed project include the requirement for the construction contractor to

clean adjacent streets of tracked dirt at the end of each workday or install on-site wheel-washing facilities. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities.

Measure Air-11

Turning off engines and equipment when not in use shall be required to reduce vehicular emissions during construction of each element of the proposed project. Prior to advertising for construction bids for the proposed project, the lead agency shall ensure that the plans and specifications for each element of the proposed project include the requirement for the construction contractor to reduce idling emissions by turning off equipment and truck engines when not in use for five minutes or more. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities.

Measure Air-12

Concurrent use of multiple pieces of heavy equipment beyond the levels described in the construction scenarios shall be prohibited to the maximum extent feasible to reduce vehicular emissions. Prior to advertising for construction bids for each element of the proposed project, the lead agency shall ensure that the plans and specifications include the requirement to minimize to the maximum extent practicable the concurrent use of multiple pieces of heavy equipment for each element of the proposed project during construction activities. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II, the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities.

Measure Air-13

Carpooling and use of public transportation shall be encouraged to reduce vehicular emissions. The lead agency shall ensure that the plans and specifications include the requirement for the construction contractor to encourage construction workers to use public transit and carpools. The Office of Statewide Health Planning and Development shall be the lead agency for the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, central plant building, and utility trench. The City of Long Beach shall be the lead agency for the Todd Cancer Institute Phases I and II,

the MCH pediatric outpatient building, the MCH link building, the roadway realignment, and the parking facilities.

3.3 CULTURAL RESOURCES

3.3.2 Existing Conditions

Paleontological Resources

Page 3.3-9 The northeastern boundary of the Campus was revised in Figure 3.3.2-1 and replaced by Figure R3.3.2-1.

In the last sentence of the fourth paragraph under this heading, please replace the reference to (Figure 3.3.2-1, *Areas of Paleontological and Archaeological Sensitivity*) with the following:

(Figure R3.3.2-1, *Areas of Paleontological and Archaeological Sensitivity*)

Historic Resources

Page 3.3-15 The northeastern boundary of the Campus and the location of the central plant building were revised in Figure 3.3.2-2 and replaced by Figure R3.3.2-2.

In the last second sentence of the first paragraph on this page, please replace the reference to (Figure 3.3.2-2, *Potential NRHP Eligible Buildings*) with the following:

(Figure R3.3.2-2, *Potential NRHP Eligible Buildings*)

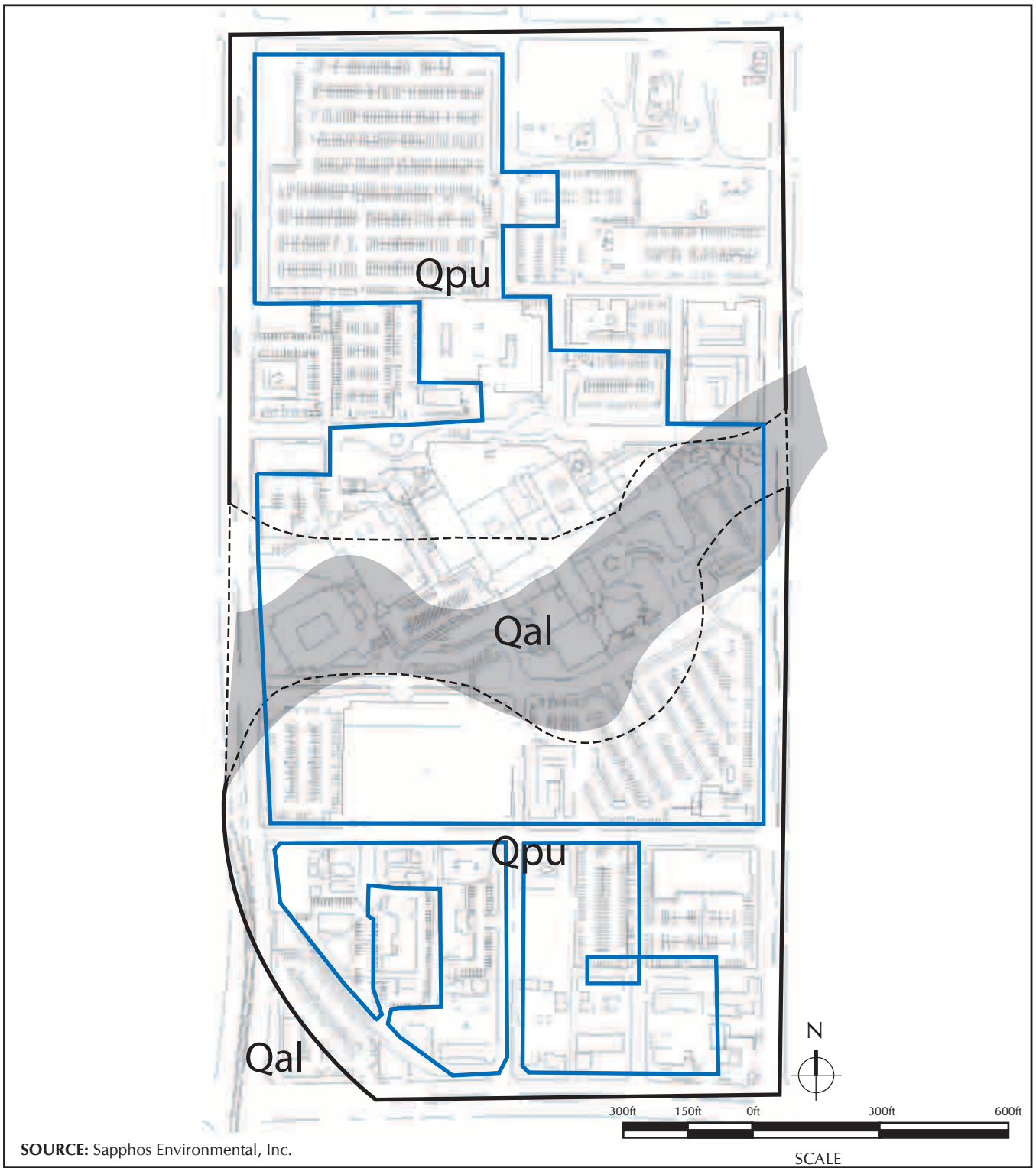
3.3.6 Mitigation Measures

Page 3.3.21 Please replace mitigation measures Cultural-1 and Cultural-3 under this heading with the following:

Measure Cultural-1

The potential impact to cultural resources related directly or indirectly to the destruction of a unique paleontological resource or unique geologic feature from the proposed project shall be reduced to below the level of significance by the presence of a qualified paleontological monitor during all ground-disturbing activities. The City of Long Beach shall ensure that any paleontological discoveries shall be removed in accordance with standards for such recovery established by the Society of Vertebrate Paleontology.

Where the qualified vertebrate paleontologist identifies the potential for the grading plan to result in impacts to sites recorded to contain unique paleontological resources or sediments with a medium or high potential to contain significant paleontological resources, the City of Long Beach shall require a program for the recovery of the resources. This program must include, but not be limited to, the following:








LEGEND			
	Qal Beneath Fill		Qpu Terrace Deposits of Quaternary Age - Resource Sensitivity Area
	Fill Material		Qal Alluvial & Coastal Deposits of Quaternary Age
			LBMCC Campus Boundary



FIGURE R3.3.2-1
Areas of Paleontological and Archaeological Sensitivity



FIGURE R3.3.2-2
Potential NRHP Eligible Buildings

- The program must include monitoring of excavation in areas likely to contain paleontologic resources by a qualified vertebrate paleontologic monitor. The monitor shall be equipped to salvage fossils as they are unearthed to avoid construction delays and to remove samples of sediments that are likely to contain the remains of small fossil vertebrates.
- The program must include preparation of recovered specimens to a point of identification, including washing of sediments to recover small fossil vertebrates.
- The program must include identification and curation of specimens into a museum repository with retrievable storage.
- The program must include preparation of a report of findings with an appended, itemized inventory of the specimens. The report and inventory, when submitted to the appropriate lead agency, signifies the completion of the program to mitigate impacts to paleontologic resources.

Measure Cultural-3

The City of Long Beach shall ensure that impacts to cultural resources related to the unanticipated discovery of human remains be reduced to below the level of significance by ensuring that, in the event human remains are encountered, construction in the area of finding shall cease and the remains shall stay in-situ pending definition of an appropriate plan. The Los Angeles County Coroner (Coroner) shall be contacted to determine whether investigation of the cause of death is required. In the event that the remains are of Native American origin, the Native American Heritage Commission shall be contacted to determine necessary procedures for protection and preservation of remains, including reburial, as provided in the State CEQA Guidelines, Section 15064.5(e), "CEQA and Archaeological Resources," CEQA Technical Advisory Series.³

In the event of accidental discovery or recognition of any human remains in any location other than a dedicated cemetery, the following steps shall be taken:

There shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until:

- (A) The Coroner must be contacted to determine that no investigation of the cause of death is required, and

³ California Resources Agency. 16 September 2004. California Environmental Quality Act, Article 5, §15064.5(e): "Determining the Significance of Impacts to Archeological and Historical Resources." Available at: http://ceres.ca.gov/topic/env_law/ceqa/guidelines/art5.html

- (B) If the Coroner determines the remains to be Native American:
1. The Coroner shall contact the Native American Heritage Commission within 24 hours.
 2. The Native American Heritage Commission shall identify the person or persons it believes to be the most likely descended from the deceased Native American.
 3. The most likely descendent may make recommendations to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98.
 4. Where the following conditions occur, the landowner or his/her authorized representative shall rebury the Native American human remains and associated grave goods, with appropriate dignity, in the property in a location not subject to further subsurface disturbance:
 - (a) The Native American Heritage Commission is unable to identify a most likely descendent or the most likely descendent failed to make a recommendation within 24 hours after being notified by the commission.
 - (b) The descendant in identified fails to make a recommendation.
 - (c) The landowner or his/her authorized representative rejects the recommendation of the descendent, and the mediation by the Native American Heritage Commission fails to provide measures acceptable to the landowner.

3.4 GEOLOGY AND SOILS

3.4.2 Existing Conditions

Groundwater Hydrology

Page 3.4-11 The northeastern boundary of the Campus was revised in Figure 3.4.2-2 and replaced by Figure R3.4.2-2.

In the third sentence of the third paragraph under this heading, please replace the reference to (Figure 3.4.2-2, *Mapped Liquefaction Hazard Zone*) with the following:

(Figure R3.4.2-2, *Mapped Liquefaction Hazard Zone*)

3.4.6 Mitigation Measures

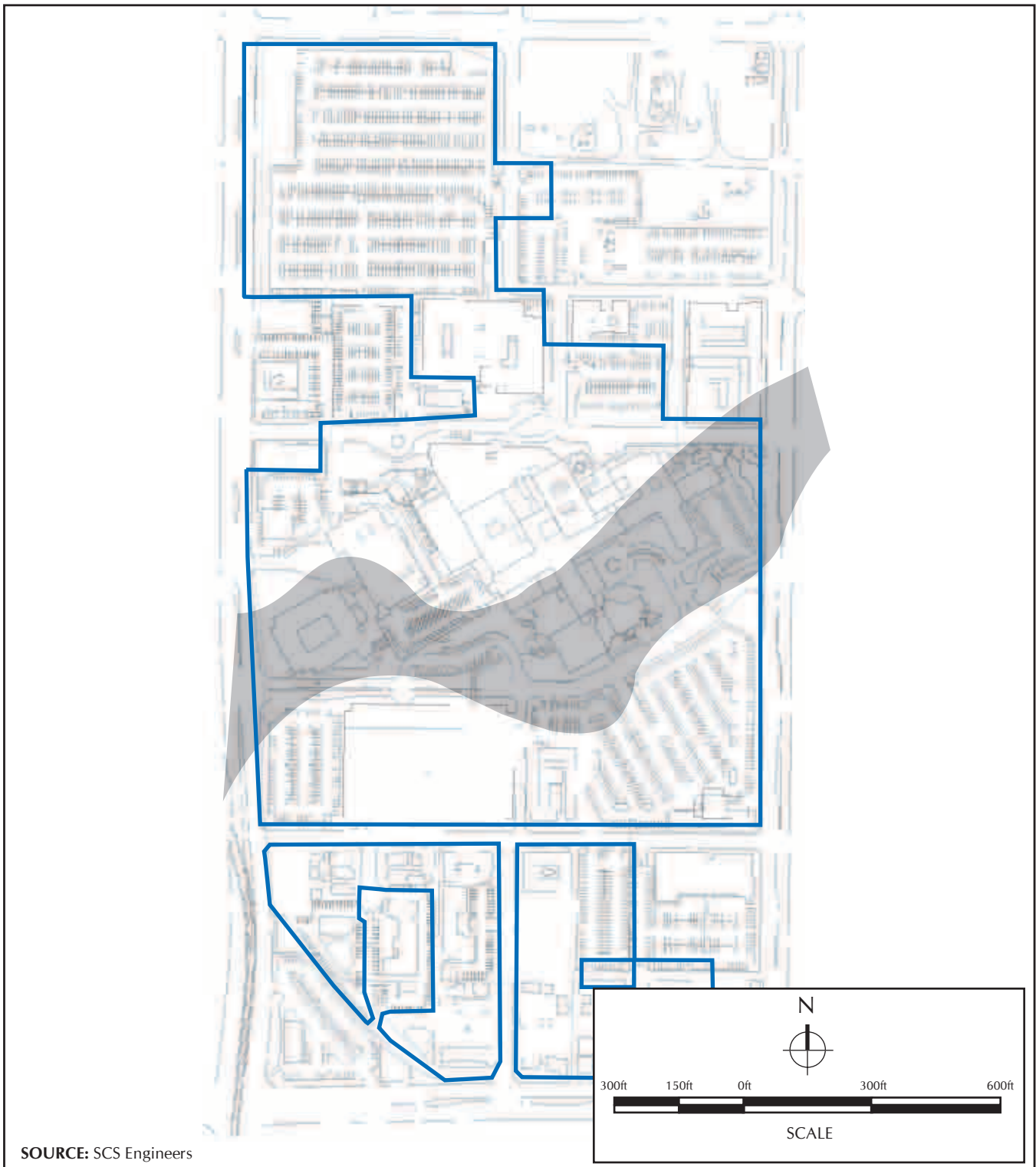
Page 3.4-15 Please replace mitigation measures Geology-1 through Geology-6 under this heading with the following:

Measure Geology-1

The City of Long Beach shall reduce the exposure of people or property to potentially adverse effects, including the risk of loss or injury, involving seismic ground shaking from the operation of the Miller Children's Hospital (MCH) pediatric inpatient tower, Phases I and II, and the central plant building. Exposure shall be minimized through conformance with California Geological Survey's Guidelines for Evaluating and Mitigating Seismic Hazards in California and all applicable City of Long Beach codes and regulations related to seismic activity. The MCH shall ensure that the site-specific geotechnical investigations for the MCH pediatric inpatient tower, Phases I and II, and the central plant building are incorporated into proposed project plans and specifications. Prior to approval of final plans and specifications for the MCH pediatric inpatient tower, Phases I and II, and the central plant building, the Office of Statewide Health Planning and Development shall review and ensure that all recommendations of the site-specific geotechnical recommendations are incorporated into the final plans and specifications.

Measure Geology-2

The City of Long Beach shall reduce the exposure of people or property to potentially adverse effects, including the risk of loss or injury, involving seismic ground shaking from the operation of the Miller Children's Hospital (MCH) pediatric outpatient building, the MCH link building, the Todd Cancer Institute (TCI) Phases I and II, and the parking structure. Exposure shall be minimized through conformance with California Geological Survey's Guidelines for Evaluating and Mitigating Seismic Hazards in California and all applicable City of Long Beach codes and regulations related to seismic activity. The Long Beach Memorial Medical Center (LBMMC) and the MCH shall ensure that the site-specific geotechnical investigations for the MCH pediatric outpatient building, the MCH link building, the TCI Phases I and II, and the parking structure are incorporated into proposed project plans and specifications. Prior to approval of final plans and specifications for the MCH pediatric outpatient building, the MCH link building, the TCI Phases I and II, and the parking structure, the City of Long Beach Department of Public Works shall review and ensure that all recommendations of the site-specific geotechnical recommendations are incorporated into the final plans and specifications.



SOURCE: SCS Engineers

LEGEND

-  Liquefaction Hazard Zone
-  Long Beach Memorial Medical Center Campus Boundary



FIGURE R3.4.2-2
Mapped Liquefaction Hazard Zone

Measure Geology-3

The City of Long Beach shall reduce the exposure of people or property to potentially adverse effects, including the risk of loss or injury, involving geologic hazards related to liquefaction from seismic ground shaking from the operation of the Miller Children's Hospital (MCH) pediatric inpatient tower, Phases I and II, and the central plant building. Exposure shall be minimized through conformance with all applicable State of California and City of Long Beach codes and regulations. The MCH shall ensure that the site-specific geotechnical investigations for the MCH pediatric inpatient tower, Phases I and II, and the central plant building are incorporated into proposed project plans and specifications. Prior to approval of final plans and specifications for the MCH pediatric inpatient tower, Phases I and II, and the central plant building, the Office of Statewide Health Planning and Development shall review and ensure that all recommendations of the site-specific geotechnical recommendations are incorporated into the final plans and specifications.

Measure Geology-4

The City of Long Beach shall reduce the exposure of people or property to potentially adverse effects, including the risk of loss or injury, involving geologic hazards related to liquefaction from seismic ground shaking from the operation of the Miller Children's Hospital (MCH) pediatric outpatient building, the MCH link building, the Todd Cancer Institute (TCI) Phases I and II, and the parking structure. Exposure shall be minimized through conformance with all applicable State of California and City of Long Beach codes and regulations. The Long Beach Memorial Medical Center (LBMMC) and the MCH shall ensure that the site-specific geotechnical investigations for the MCH pediatric outpatient building, the MCH link building, the TCI Phases I and II, and the parking structure are incorporated into proposed project plans and specifications. Prior to approval of final plans and specifications for the MCH pediatric outpatient building, the MCH link building, the TCI Phases I and II, and the parking structure, the City of Long Beach Department of Public Works shall review and ensure that all recommendations of the site-specific geotechnical recommendations are incorporated into the final plans and specifications.

Measure Geology-5

The City of Long Beach Department of Planning and Building shall require the construction contractor to implement best management practices that are consistent with the National Pollution Discharge Elimination System (NPDES) Permit No. CAS 004003 to avoid soil erosion during construction of the Miller Children's Hospital (MCH) pediatric inpatient tower Phases I and II, and the central plant building. Prior to approval of final plans and specifications, the Office of Statewide Health Planning and Development (OSHDP) shall ensure that the requirement to comply with NPDES Permit No. CAS 004003 is included in the specifications. The OSHPD Inspector of

Record shall monitor construction to ensure compliance with NPDES Permit No. CAS 004003.

Measure Geology-6

The City of Long Beach Department of Planning and Building shall require the construction contractor to implement best management practices that are consistent with the National Pollution Discharge Elimination System (NPDES) Permit No. CAS 004003 to avoid soil erosion during construction of the Todd Cancer Institute (TCI) Phases I and II, the Miller Children's Hospital (MCH) pediatric outpatient building and utility trench, the MCH link building, the roadway realignment, the on-site parking areas (Lots N, P, Q, R, S, and T), and the parking structure. Prior to approval of final plans and specifications, the City of Long Beach Department of Planning and Building shall ensure that the requirement to comply with NPDES Permit No. CAS 004003 is included in the specifications. The City of Long Beach Department of Planning and Building shall monitor construction to ensure compliance with NPDES Permit No. CAS 004003.

3.5 HAZARDS AND HAZARDOUS MATERIALS

Page 3.5-1 The title of the Environmental Summary Report was revised to Site Characterization Report. The Removal Action Workplan⁴ (RAW) will be finalized and approved by the Department of Toxic Substances Control (DTSC) in May 2005. The RAW will be available for review at the City of Long Beach and at Sapphos Environmental, Inc. by appointment only.

In the last sentence of the third paragraph of this section, please replace the last sentence with the following:

The potential impacts from hazards and hazardous materials have been analyzed in accordance with the data compiled by Sapphos Environmental, Inc. and the technical reports prepared by SCS Engineers (Appendix R.F, *Health Risk Assessment and Site Characterization Report*) and Signal Geoscience (Appendix G, *Phase I Environmental Site Assessment*). The Revised Appendix R.F did not substantially change the scope of environmental impacts that have been analyzed or the mitigation measures regarding these issues.

3.5.2 Existing Conditions

Release of Hazardous Materials into the Environment

Page 3.5-6 In the second sentence of the second paragraph under this heading, please replace the reference to (Appendix F) with the following:

(Appendix R.F)

⁴ SCS Engineers. May 2005. *Removal Action Workplan*. Prepared by: SCS Engineers, 3900 Kilroy Airport Way, Suite 100, Long Beach, CA 90806. Contact: Sapphos Environmental, Inc., 133 Martin Alley, Pasadena, CA 91105.

Existing or Proposed Schools

Page 3.5-7 Please replace the paragraph under this heading with the following:

One public elementary school and one private elementary school are located within 0.25 mile of the proposed project. Robinson Academy (K-8) is located at 2750 Pine Avenue in Long Beach, approximately 0.21 mile west of the location proposed for the new parking structure at the southern edge of the proposed project, on 27th Street. Oakwood Academy (K-6) is located at 2951 Long Beach Boulevard, approximately 0.03 mile west of the location of the proposed Todd Cancer Institute. Off-site transport and disposal routes for biomedical, radiological, hazardous, and nonhazardous wastes may include the route along Long Beach Boulevard from the Campus to Interstate 405, which is within 0.25 mile of the schools. No other school sites are located within 0.25 mile of that route.

3.5.4 Impact Analysis

Summary of Health Risk Assessment for Miller Children's Hospital and Todd Cancer Institute

Page 3.5-10 In the first sentence of the first paragraph under this heading, please replace the reference to (Appendix F) with the following:

(Appendix R.F)

Page 3.5-11 In the first sentence of the fifth paragraph under this heading, please replace the reference to (Appendix F) with the following:

(Appendix R.F)

Page 3.5-11 Please replace the second sentence of the fifth paragraph under this heading with the following:

As a result of the meeting, LBMCC agreed to enter into a Voluntary Clean-up Agreement (Appendix L) with DTSC, which would serve as the mechanism for DTSC to complete the Site Characterization Report and HRA.

Existing or Proposed Schools

Page 3.5-11 Please replace the paragraph under this heading with the following:

The proposed project is expected to result in impacts from hazardous emissions or the handling of hazardous or acutely hazardous materials, substances, or waste, to existing or proposed schools located within 0.25 mile of the proposed project site. One existing public elementary school, Robinson Academy, is located at 2750 Pine Avenue in Long Beach, within 0.25 mile west of the proposed project site and the likely transport path along Long Beach Boulevard to Interstate 405. One existing private elementary school, Oakwood Academy, is located at 2951 Long Beach

Boulevard, within 0.25 mile west of the proposed project site and the likely transport path along Long Beach Boulevard to Interstate 405. Therefore, there are expected issues related to hazardous emissions or the handling of hazardous or acutely hazardous materials, substances, or waste to existing or proposed schools. For this reason, the proposed project would have the potential to result in significant impacts to schools from hazards or hazardous materials, and the consideration of mitigation measures is required.

3.5.6 Mitigation Measures

Page 3.5-17 In their letter of comment on the Draft EIR, the CDHS notified the City of Long Beach of the requirement to comply with the CDHS Criteria for Separation of Water Mains and Non-Potable Pipelines.

Please replace mitigation measures Hazards-1 through Hazards-15 under this heading with the following:

Measure Hazards-1

The Office of Statewide Health Planning and Development shall ensure avoidance of exposure to asbestos-containing materials (ACMs) and lead-based paints (LBPs) during demolition, construction, and remediation activities, the City of Long Beach and the Office of Statewide Health Planning and Development shall require that all such materials and wastes be identified and that an Operations and Maintenance (O&M) Plan be developed prior to the issuance of demolition permits for each structure constructed prior to 1979. The O&M Plan shall ensure compliance with all applicable federal, state, and local requirements and specify all work to be done, including lead and asbestos surveys of structures to be demolished, proper handling and storage of lubricants and fuels for construction equipment, and methods for remediation of ACMs and LBPs, if necessary. The O&M Plan must be submitted to the City of Long Beach Department of Health for review and approval prior to initiation of construction and demolition activities for the Miller Children's Hospital pediatric inpatient tower and central plant building, and the construction of parking lots requiring the demolition of pre-1979 constructed buildings. The O&M Plan shall, as appropriate and necessary, conform to the requirements of the Los Angeles County Department of Health Services (Local Enforcement Agency for landfills), South Coast Air Quality Management District, the Los Angeles Regional Water Quality Control Board, and the Department of Toxic Substances Control. Compliance with the O&M Plan shall be monitored by the City of Long Beach Department of Planning and Building throughout construction and demolition.

Measure Hazards-2

The Office of Statewide Health Planning and Development shall require that petroleum hydrocarbon-contaminated soils and water be tested, treated, and disposed as necessary under the oversight of the Department of Toxic

Substances Control (DTSC) to reduce the potential for exposure of people or property to petroleum hydrocarbon-contaminated soils and water. The OSHPD shall review plans and specifications for those elements of the proposed project to be constructed over unclassified fill: the Miller Children's Hospital (MCH) pediatric inpatient tower Phase I, the central plant building, and the utility trench. The OSHPD shall ensure that the proposed project plans and specifications disclose the potential to encounter petroleum hydrocarbon-contaminated soils and water, and require the construction contractor to remove petroleum hydrocarbon-contaminated soils and water within the construction zone, in accordance with all applicable federal, state, and local statutes and regulations and consistent with specifications of the Voluntary Clean-up Agreement between the Long Beach Memorial Medical Center and DTSC.

Measure Hazards-3

The City of Long Beach shall require that petroleum hydrocarbon-contaminated soils and water be tested, treated, and disposed of as necessary under the oversight of the Department of Toxic Substances Control (DTSC). The City of Long Beach shall review plans and specifications for those elements of the proposed project to be constructed over unclassified fill: the Miller Children's Hospital (MCH) pediatric outpatient building, the MCH link building, and the Todd Cancer Institute Phases I and II. The City of Long Beach shall ensure that the proposed project plans and specifications disclose the potential to encounter petroleum hydrocarbon-contaminated soils and water, and require the construction contractor to remove petroleum hydrocarbon-contaminated soils and water within the construction zone, in accordance with all applicable federal, state, and local statutes and regulations and consistent with specifications of the Voluntary Clean-up Agreement between the Long Beach Memorial Medical Center and DTSC.

Measure Hazards-4

The proposed project applicant and remediation contractor shall identify oil wells underlying the Miller Children's Hospital (MCH) pediatric inpatient tower Phase I, the central plant building, and the utility trench. The oil wells shall be properly abandoned to the current standards of the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR). The proposed project applicant shall ensure that coordination with the DOGGR and proper remediation be incorporated into the construction plans, prior to final approval of plans for the MCH pediatric inpatient building Phase I, the central plant building, and the utility trench. If the oil wells cannot be identified through site survey by a licensed surveyor, excavation shall be undertaken to locate the wells under the oversight of the DOGGR and/or the Office of Statewide Health Planning and Development. If the abandoned oil wells are determined to be leaking, remediation shall be conducted to seal all leaks or venting systems shall be required to transmit gas safely away from the proposed project site, in accordance with specifications of the Voluntary Clean-up Agreement

between the Long Beach Memorial Medical Center and the Department of Toxic Substances Control.

Measure Hazards-5

The remediation contractor shall identify oil wells underlying the Miller Children's Hospital (MCH) pediatric outpatient building, the MCH link building, and the Todd Cancer Institute Phases I and II. The oil wells shall be properly abandoned to the current standards of the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR). The proposed project applicant shall ensure that coordination with the DOGGR and proper remediation be incorporated into the construction plans, prior to final approval of plans for the MCH pediatric outpatient building, the MCH link building, and the Todd Cancer Institute Phases I and II. If the oil wells cannot be identified through site survey by a licensed surveyor, excavation shall be undertaken to locate the wells under the oversight of the DOGGR and/or the City of Long Beach. If the abandoned oil wells are determined to be leaking, remediation shall be conducted to seal all leaks or venting systems shall be required to transmit gas safely away from the proposed project site, in accordance with specifications of the Voluntary Clean-up Agreement between the Long Beach Memorial Medical Center and the Department of Toxic Substances Control.

Measure Hazards-6

The Office of Statewide Health Planning and Development (OSHPD) shall require the installation of vapor barriers (i.e., high-density polyethylene membrane liners) and passive venting systems in the foundations of the Miller Children's Hospital pediatric inpatient tower and central plant building, if determined to be required by the Health Risk Assessment to mitigate potential accumulation of methane, hydrogen sulfide, or other petroleum-related gases into underground areas (i.e., basements) or inside buildings. Prior to the issuance of building permits for the specified buildings, the OSHPD shall review the plans and specifications to ensure that the appropriate vapor barriers or passive venting systems have been incorporated into the design and are consistent with specifications of the Voluntary Clean-up Agreement between the Long Beach Memorial Medical Center and the Department of Toxic Substances Control.

Measure Hazards-7

The City of Long Beach shall require the installation of vapor barriers (i.e., high-density polyethylene membrane liners) and passive venting systems in the foundations of the Miller Children's Hospital (MCH) pediatric outpatient building and the Todd Cancer Institute Phases I and II, if determined to be required by the Health Risk Assessment to mitigate potential accumulation of methane, hydrogen sulfide, or other petroleum-related gases into underground areas (i.e., basements) or inside buildings. The City of Long Beach shall review the plans and specifications to ensure that the

appropriate vapor barriers or passive venting systems have been incorporated into the design and are consistent with specifications of the Voluntary Clean-up Agreement between the Long Beach Memorial Medical Center and the Department of Toxic Substances Control prior to the issuance of building permits for the specified buildings.

Measure Hazards-8

The Office of Statewide Health Planning and Development shall review the grading plans to ensure that there is a note requiring the construction contractor to stop work and notify the Certified Unified Program Agency of the unanticipated encounter of underground storage tanks (USTs) during grading activities prior to the issuance of grading permits for the Miller Children's Hospital pediatric inpatient tower, central plant building, and utility trench. The UST shall be remediated in accordance with County of Los Angeles guidelines and consistent with specifications of the Voluntary Clean-up Agreement between the Long Beach Memorial Medical Center and the Department of Toxic Substances Control.

Measure Hazards-9

The City of Long Beach shall review the grading plans to ensure that there is a note requiring the construction contractor to stop work and notify the Certified Unified Program Agency of the unanticipated encounter of underground storage tanks (USTs) during grading activities prior to the issuance of grading permits for the permits for the Miller Children's Hospital (MCH) pediatric outpatient building, the MCH link building, and the Todd Cancer Institute Phases I and II. The City of Long Beach shall review the grading plans to ensure that the UST shall be remediated in accordance with County of Los Angeles guidelines and consistent with specifications of the Voluntary Clean-up Agreement between the Long Beach Memorial Medical Center and the Department of Toxic Substances Control.

Measure Hazards-10

The City of Long Beach shall require that the construction contractor and the Long Beach Memorial Medical Center (LBMMC) store, use, and transport all hazardous materials in compliance with all relevant regulations and guidelines to avoid exposure to asbestos-containing materials, lead-based paints, petroleum hydrocarbon-contaminated soils, biomedical waste, and radiological waste during routine transport and disposal for both the construction phase and operational phase of the proposed project. The routine transport of hazardous materials to and from the LBMMC campus during construction and operation of the elements of the proposed project shall be accomplished via Atlantic Avenue, Spring Street, Columbia Street, Patterson Street, 27th Street, and Willow Street. Compliance shall be determined by monitoring by regulatory agencies. Transport, storage, and handling of construction-related hazardous materials shall be consistent with the guidelines provided by the California Department of Transportation, Los Angeles Regional Water Quality Control Board, the

South Coast Air Quality Management District, and the Certified Unified Program Agency. Each agency shall regulate and enforce, through permitting and record keeping, the monitoring and enforcement of this mitigation measure.

Measure Hazards-11

The City of Long Beach shall require the identification of an alternative emergency water supply source, evacuation routes, and emergency response vehicle routes during roadway realignment and upon expansion of the Miller Children's Hospital facility to avoid impacts on the existing emergency response and evacuation plan. The revised emergency response and evacuation plan shall be updated by the construction contractor prior to initiation of construction activities.

Measure Hazards-12

The Office of Statewide Health Planning and Development shall require that volatile organic compounds (VOCs) be monitored during excavation requested for the Miller Children's Hospital pediatric inpatient tower, central plant building, and utility trench, in compliance with the South Coast Air Quality Management District Rule 1166 or Rule 1150, which sets requirements to control the emission of VOCs from excavating, grading, handling, and treating VOC-contaminated soil to avoid exposure to chemicals of potential concern (COPCs) in the soil. The procedures for removing, handling, and disposing of petroleum hydrocarbon-contaminated soil and water shall include and require adherence to health and safety protocols (e.g., no eating in the construction zone, use of personal protective equipment) as provided in a site health and safety plan, as well as monitoring and control of emissions of COPCs that may occur during the construction work.

Measure Hazards-13

The City of Long Beach shall require that volatile organic compounds (VOCs) be monitored during excavation requested for the Miller Children's Hospital (MCH) pediatric outpatient building, the MCH link building, and the Todd Cancer Institute Phases I and II, in compliance with the South Coast Air Quality Management District Rule 1166 or Rule 1150, which sets requirements to control the emission of VOCs from excavating, grading, handling, and treating VOC-contaminated soil. The procedures for removing, handling, and disposing of petroleum hydrocarbon-contaminated soil and water shall include and require adherence to health and safety protocols (e.g., no eating in the construction zone, use of personal protective equipment) as provided in a site health and safety plan, as well as monitoring and control of emissions of COPCs that may occur during the construction work.

Measure Hazards-14

The Office of Statewide Health Planning and Development shall review final plans and specifications for the Miller Children's Hospital pediatric inpatient tower, central plant building, and utility trench, and provide comments on the plans and specifications to ensure compliance with all requirements resulting from the Voluntary Clean-up Agreement between the Long Beach Memorial Medical Center and the Department of Toxic Substances Control at least 30 days prior to approval. At a minimum, the Office of Statewide Health Planning and Development shall send the plans and specifications for the Miller Children's Hospital pediatric inpatient tower, central plant building, and utility trench to the Long Beach Water Department and Long Beach Department of Health and Human Services Cross-Connection/Water Program to ensure compliance with the cross-connection requirements, inspections, and the separation criteria.

Measure Hazards-15

The City of Long Beach shall review the plans and specifications to ensure compliance with all requirements resulting from the Voluntary Clean-up Agreement between the Long Beach Memorial Medical Center and the Department of Toxic Substances Control. Prior to approval of final plans and specifications for the Miller Children's Hospital link building and the Todd Cancer Institute Phases I and II, the City of Long Beach shall send the plans and specifications for the Miller Children's Hospital pediatric outpatient building, link building, and Todd Cancer Institute to the Long Beach Water Department and Long Beach Department of Health and Human Services' Cross-Connection/Water Program to ensure compliance with the cross-connection requirements, inspections, and the separation criteria.

3.6 HYDROLOGY AND WATER QUALITY

3.6.2 Existing Conditions

Groundwater

Page 3.6-7 Please insert the following after the last paragraph under this heading:

Six borings were drilled within and north and southwest of the proposed Miller Children's Hospital pediatric inpatient building footprint on February 7 and 8, 2005, to provide information on the depth and extent of perched groundwater. Water was encountered in four of the six boreholes during drilling. Piezometers were constructed in all boreholes. Static water levels were measured on February 10 and March 1, 2005. Depth to water was between 9.5 and 25.6 feet below ground surface in five locations, with the piezometer within the proposed building footprint being dry.

3.6.6 Mitigation Measures

Page 3.6-14 Please replace mitigation measures Hydro-2 through Hydro-4 under this heading with the following:

Measure Hydro-2

The City of Long Beach Department of Public Works shall require the construction contractor to avoid erosion, transport of pollutants, and siltation during construction of the Miller Children's Hospital (MCH) pediatric outpatient building, the MCH link building, the Todd Cancer Institute Phases I and II, the roadway realignment, and the parking areas. Prior to final grading plans, the City of Long Beach Department of Public Works shall ensure that the plans and specifications require the construction contractor to comply with the revised General Construction Activity Storm Water Permit. Such compliance measures would, at a minimum, include the preparation of a Notice of Intent and the implementation of a Local Storm Water Pollution Prevention Plan (SWPPP) and a Wet Season Erosion Control Plan (for work between October 15 and April 15). These plans shall incorporate all applicable best management practices (BMPs), as described in the California Storm Water Best Management Practice Handbook, Construction Activity, into the construction phase of the proposed project. Prior to construction, temporary measures must be implemented to prevent transport of Pollutants of Concern from the construction site to the storm drainage system. The BMPs shall apply to both the actual work areas and contractor staging areas. Selection of construction-related BMPs would be in accordance with the requirements of the City of Long Beach Storm Water Program, Development Best Management Practices Handbook.

Measure Hydro-3

The Office of Statewide Health Planning and Development shall review the final grading plans for the Miller Children's Hospital pediatric inpatient tower Phases I and II, utility trench, and central plant building to ensure that the plans and specifications require the construction contractor to prepare a Standard Urban Storm Water Management Plan (SUSMP) for construction activities and to implement best management practices (BMPs) for construction, materials, and waste-handling activities, which include the following:

- Schedule excavation, grading, and paving activities for dry weather periods.
- Control the amount of runoff crossing the construction site by means of berms and drainage ditches to divert water flow around the site.
- Identify potential pollution sources from materials and wastes that will be used, stored, or disposed of on the job site.

- Inform contractors and subcontractors about the clean storm water requirements and enforce their responsibilities in pollution prevention.

The construction contractor shall incorporate SUSMP requirements and BMPs to mitigate storm water runoff that include, but are not limited to, the following:

- The incorporation of bioretention facilities located within the proposed project area
- The incorporation of catch basin filtration systems
- The use of porous pavements to reduce runoff volume

Measure Hydro-4

The City of Long Beach Department of Public Works shall review the final grading plans prior to grading for the Miller Children's Hospital (MCH) pediatric outpatient building, the MCH link building, the Todd Cancer Institute Phases I and II, the roadway realignment, and the parking areas to ensure that the plans and specifications require the construction contractor to prepare a Standard Urban Storm Water Management Plan (SUSMP) for construction activities and to implement best management practices (BMPs) for construction, materials, and waste-handling activities, which include the following:

- Schedule excavation, grading, and paving activities for dry weather periods.
- Control the amount of runoff crossing the construction site by means of berms and drainage ditches to divert water flow around the site.
- Identify potential pollution sources from materials and wastes that will be used, stored, or disposed of on the job site.
- Inform contractors and subcontractors about the clean storm water requirements and enforce their responsibilities in pollution prevention.

The construction contractor shall incorporate SUSMP requirements and BMPs to mitigate storm water runoff that include, but are not limited to, the following:

- The incorporation of bioretention facilities located within the proposed project area

- The incorporation of catch basin filtration systems
- The use of porous pavements to reduce runoff volume

Page 3.6.14 Please replace mitigation measures Hydro-6 and Hyrdo-7 under this heading with the following:

Measure Hydro-6

The City of Long Beach Department of Public Works shall require the construction contractor to undertake daily street sweeping and trash removal throughout the construction of the Miller Children’s Hospital (MCH) pediatric outpatient building, the MCH link building, the Todd Cancer Institute Phases I and II, the roadway realignment, and the parking areas. The purpose of the street sweeping and trash removal shall be to avoid degradation of water quality. Prior to the completion of final plans and specifications, the City of Long Beach Department of Public Works shall review the plans and specifications for the proposed project to ensure that the construction documents include a requirement that the construction contractor provide daily street sweeping and trash removal to prevent degradation of water quality.

Measure Hydro-7

The City of Long Beach shall identify potential impacts to hydrology and water quality related to the construction of the proposed project. Degradation of water quality during construction of the proposed project shall be reduced to below the level of significance through the requirement to conduct a detailed hydrology study based on the final site plans and to implement the recommendations, or comparable measures, into the plans and specifications for each proposed project element prior to final approval by the City of Long Beach Department of Public Works. The hydrology study shall be prepared by a certified civil engineer, and a draft report, including recommendations, shall be submitted to the City of Long Beach Department of Public Works for review. The City of Long Beach Department of Public Works shall provide comments, if any, within 14 days of receiving the draft hydrology study. Monitoring and enforcement shall be the responsibility of the City of Long Beach Department of Public Works.

Measure Hydro-8

If perched groundwater that requires dewatering is encountered during construction of the Miller Children’s Hospital (MCH) pediatric inpatient tower, MCH pediatric outpatient tower, MCH link building, or central plant building, the California Regional Water Quality Control Board, Los Angeles Region (RWQCB) shall require the construction contractor to comply with general waste discharge requirements and national pollutant discharge elimination system (NPDES) permit requirements. If analytical results from the perched groundwater indicate that pollutants are present at levels above the NPDES thresholds, then treatment and proper disposal, under approval

and oversight by the RWQCB, shall be conducted prior to discharge of groundwater to surface waters.

3.7 LAND USE AND PLANNING

3.7.1 Regulatory Framework

Page 3.7-2 Please insert the following section after the State section:

Regional

Southern California Association of Governments Policies

The Southern California Association of Governments (SCAG) is an association of governments that function as the metropolitan planning organization for six Los Angeles counties. SCAG is mandated by the federal government to research and draw up plans for transportation, growth management, hazardous waste management, and air quality. Additional mandates exist at the state level.

Goal:

Provision of leadership, vision, and progress that promote economic growth, personal well-being, and livable communities for all Southern Californians

Policies 3.03 3.05, 3.09, 3.10, 3.12, 3.14, 3.18, 3.21, 3.22, and 3.23:

These policies are related to improving the standard and quality of living to the region. The Long Beach Memorial Medical Center (LBMMC) is not expected to be growth inducing. In general, projects that induce growth also provide infrastructure that is suitable to support growth, such as the construction of additional housing. The goal of the proposed project is to meet the existing and anticipated health care needs of the community and to improve the quality of life. This proposed project would create hundreds of jobs for Long Beach citizens and for those in neighboring communities during both the design and construction phase and for many years thereafter in new support staff and professional staff positions.

Policy 3.27:

This policy relates to the Regional Comprehensive Plan Guide (RCPG) goals that provide social, political, and cultural equity. The LBMMC is a nonprofit hospital and is committed to improving the health and well-being of individuals, families, and the community through innovation and the pursuit of excellence, and to making LBMMC into Southern California's preferred, operationally

excellent, and fiscally sound provider of comprehensive, high-quality health services.

Policies 5.07 and 5.11:

These policies are related to air quality core actions. The proposed project is expected to result in significant temporary impacts to air quality during the construction phases, which exceed the Southern California Air Quality Management Board (SCAQMD) thresholds. Construction-related activities such as grading, hauling soil, and worker commute trips are the primary sources of the impacts. Operational impacts to air quality would be anticipated to have significant impacts due to mobile sources and stationary sources such as natural gas landscaping and consumer products. Mitigation measures to reduce these impacts include moistening exposed soil to reduce fugitive dust, applying water or chemical stabilizers on grading areas to reduce fugitive dust emissions, turning off construction equipment and trucks when not in use, carpooling, and encouraging the use of public transportation.

Policy 11.07:

This policy relates to water quality chapter recommendations and policy options. Although the proposed project would result in an approximately 50-percent increase in wastewater generation, according to the Regional Water Control Board, it would not result in the expansion of wastewater treatment facilities. In addition, the proposed project would not result in the need to construct new or expand existing storm drainage systems. The Long Beach Water Department has indicated that there are currently sufficient water from entitlements and resources to serve the proposed project.

3.7.2 Existing Conditions

Existing Land Use

Page 3.7-3 The northeastern boundary of the Campus was revised in Figure 3.7.2-1 and replaced by Figure R3.7.2-1.

In the first sentence of the second paragraph under this heading, please replace the reference to (Figure 3.7.2-1, *General Plan Land Use Designations*) with the following:

(Figure 3.7.2-1, *General Plan Land Use Designations*)

Page 3.7-3 The northeastern boundary of the Campus was revised in Figure 3.7.2-2 and replaced by Figure R3.7.2-2.

