

**Appendix C**  
**Supporting Documents and Technical Reports**  
**(Incorporated by Reference)**

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## APPENDIX C

### Supporting Documents and Technical Reports (Incorporated by Reference)

The following supporting documents and technical reports are incorporated by reference in the Final Environmental Impact Statement (EIS). All documents are available with the Final EIS at [www.swlrt.org](http://www.swlrt.org), unless otherwise noted. A hard copy of each document listed below can also be viewed at the Southwest Light Rail Transit (LRT) Project Office located at 6465 Wayzata Boulevard., Suite 5000, St. Louis Park, MN 55426.

1. Hennepin County Regional Railroad Authority (HCRRA). 2003. *Southwest Rail Transit Study*. Available at: [http://old.swlrtcommunityworks.org/technical-documents/cat\\_view/57-archive/60-rail-feasibility-study.html](http://old.swlrtcommunityworks.org/technical-documents/cat_view/57-archive/60-rail-feasibility-study.html). The purpose of this report was to determine if rail transit should be part of the transportation strategy for the southwest metropolitan area. The report recommended further study on four LRT alternatives.
2. Hennepin County Regional Railroad Authority (HCRRA). 2007. *Southwest Transitway Alternatives Analysis Final Report*. Available at: [http://old.swlrtcommunityworks.org/technical-documents/cat\\_view/57-archive/4-alternatives-analysis.html](http://old.swlrtcommunityworks.org/technical-documents/cat_view/57-archive/4-alternatives-analysis.html). This report identifies and compares the benefits, costs, and impacts of a range of transit options for the Southwest Corridor. Alternatives identified as most likely to meet Project goals were recommended for further evaluation in future steps of the Project Development process.
3. Hennepin County Regional Railroad Authority (HCRRA). 2008. *Coordination Plan for the Preparation of the Southwest Transitway Draft Environmental Impact Statement*. This plan provides coordination practices and procedures in support of the Draft EIS process to comply with various federal and state environmental regulations (updated in 2014).
4. Hennepin County Regional Railroad Authority (HCRRA). 2009/2012. *Southwest Transitway Scoping Summary Report*. Available at: <http://www.metrocouncil.org/Transportation/Projects/Current-Projects/Southwest-LRT/Environmental/Scoping.aspx>. This report summarizes the results of the Draft EIS scoping process. The scoping process obtained public input on the Project purpose and need, identified potential options to address the purpose and need, and identified environmental issues associated with the proposed project to analyze in the Draft EIS. On September 25, 2012, the HCRRA amended the Southwest Transitway Scoping Summary Report (which serves as the Scoping Decision Document under Minnesota Environmental Policy Act [MEPA]) to include the impacts of relocating freight rail for the four build alternatives and including a co-location alternative where freight rail, light rail, and the commuter bike trail collocate, share a common corridor, between Louisiana Avenue and Penn Avenue. The amendment was authorized with approval of Board Action Request 12-HCRRA-0049 (see <http://board.co.hennepin.mn.us/sirepub/cache/246/juuhuxgpx4u3its4qkpavjss/20603007282015012432598.PDF>). Notice of the amendment to the scoping report was issued in the Environmental Quality Board Monitor on October 15, 2012.
5. Hennepin County Regional Railroad Authority (HCRRA). 2012. *Southwest Transitway Draft Environmental Impact Statement*. October 2012. Available at: <http://www.metrocouncil.com/Transportation/Projects/Current-Projects/Southwest-LRT/Environmental/DEIS.aspx>. The Draft EIS describes and discusses the purpose and need for the project, alternatives considered, impacts to those alternatives, and agencies and persons consulted. The Draft EIS also includes the Draft Section 4(f) Evaluation and identifies potential effects that the alternatives could have on Section 106 historic resources.
6. Metropolitan Council (Council). 2013. *Southwest Light Rail Transit Operations and Maintenance Facility Basis of Design Report*. Available at: <http://metrocouncil.org/METC/files/44/44a219c7-244c-42ab-b9fb-000403597551.pdf>. This report documents the methodology used in defining the functional and operating requirements for the proposed operations and maintenance facility to store, service, and maintain the light rail vehicles.

7. Metropolitan Council (Council). 2014a. *Kenilworth Corridor Vegetation Inventory*. This report provides a vegetation inventory in the Kenilworth corridor to inform potential future landscaping design.
8. Metropolitan Council (Council). 2014b. *Opus Hill Tree Survey*. This document provides a summary of the tree survey and impacts in the City of Minnetonka Opus Hill Woodland Preservation Area.
9. Metropolitan Council (Council). 2014c. *SWLRT West Construction Impacts Summary*. This report provides a list of construction activities and potential impacts in the western portion of the Project as well as a list of mitigation measures to be implemented during construction.
10. Metropolitan Council (Council) and Federal Transit Administration (FTA) (Council and FTA). 2014d. *Agency Coordination Plan for the Southwest LRT (Green Line Extension) Project*. This plan is an update to the Agency Coordination Plan completed for the Draft EIS to reflect current coordination practices and procedures. The plan provides the structure for coordination among FTA, Metropolitan Council, participating agencies, and the public during the Supplemental Draft EIS and Final EIS processes to comply with various federal and state environmental regulations.
11. Metropolitan Council (Council). 2015a. *Communications and Public Involvement Plan (CPIP)*. This plan identifies key business and community groups within the Southwest LRT Corridor and strategies to maximize opportunities for public involvement and communication during the design and construction process of the Southwest LRT Project.
12. Metropolitan Council (Council). 2015b. *(PEC)-East Traffic Technical Memorandum and Update 1*. This report provides the methodology, assumptions and results of the traffic analysis used to define the scope of the project improvements and evaluate potential traffic impacts of the Project. The study area includes all intersections and at-grade crossings from east of 11th Avenue in Hopkins to the Target Field Station in Minneapolis. *Update 1* (August 6, 2015) was prepared in response to the design adjustments approved by the Council. The traffic analysis was updated for areas affected by the adjustments: Blake Station, Louisiana Station, and Beltline Station.
13. Metropolitan Council (Council). 2015c. *(PEC)-West Traffic Technical Memorandum*. This report provides the methodology, assumptions, and results of the traffic analysis used to define the scope of the project improvements and evaluate potential traffic impacts of the Project. The study area includes all intersections and at-grade crossings from SouthWest Station in Eden Prairie to east of 11th Avenue in Hopkins.
14. Metropolitan Council (Council). 2015d. *Air Quality and Greenhouse Gases Analysis Methodology and Results Technical Memorandum*. This technical memorandum discusses the methodologies used to evaluate the air quality and greenhouse gas impacts of the Southwest LRT Project.
15. Metropolitan Council (Council). 2015e. *Bus Transit Operations Plan (Technical Memorandum)*. Prepared by the Metropolitan Council through its Metro Transit Department of Service Development Route and Systems Planning. This report documents the existing bus transit service in the Southwest corridor and the No Build and Build Alternative transit service plans for the Southwest LRT Project.
16. Metropolitan Council (Council). 2015f. *Cultural Resources Evaluation Supporting Documentation Technical Memorandum*. This memorandum summarizes and documents the technical reports used to evaluate and determine the eligibility of archaeology and architecture/history resources within the areas of potential effect.
17. Metropolitan Council (Council). 2015g. *Southwest LRT Geology and Groundwater Evaluation Supporting Documentation Technical Memorandum*. This memorandum summarizes and documents the technical reports used to evaluate geologic and groundwater conditions.
18. Metropolitan Council (Council). 2015h. *Guide to the Supplemental Draft EIS*. This guide highlights key changes to the Project since the publication of the Draft EIS and focuses on the potential impacts that have generated the most interest among residents of the Twin Cities region.

19. Metropolitan Council (Council). 2015i. *Southwest LRT Acquisitions Technical Report*. This report identifies the location, size, and number of parcels, and the type of property that may be acquired and/or displaced to accommodate the Southwest LRT Project.
20. Metropolitan Council (Council). 2015j. *Southwest Light Rail Transit (METRO Green Line Extension) Supplemental Draft Environmental Impact Statement*. May 2015. Available at: <http://www.metrocouncil.org/swlrt/sdeis>. The Supplemental Draft EIS augments the information and analyses provided in the Draft EIS, focusing on changes that may result in significant adverse environmental impacts of the proposed project. The document includes the Purpose and Need Statement and provides a description of the process and analyses used to identify adjustments to the Locally Preferred Alternative. The document also includes preliminary findings of effect on Section 106 historic resources and a Draft Section 4(f) Evaluation Update, which includes preliminary Section 4(f) determinations of use, *de minimis* use, and temporary occupancies.
21. Metropolitan Council (Council). 2015k. *Southwest LRT EMI/EMF and Utility Impacts Supporting Information*. This report identifies the potential EMI-sensitive receptors of electromagnetic field/electromagnetic interference (EMF/EMI) and provides information about methods used for evaluation. This report also summarizes the underground and aboveground utilities that could be affected by the construction the Southwest LRT Project based on the review of major public and private utilities within or adjacent to the limits of disturbance, including water mains, sanitary sewer lines, sanitary force mains, storm sewer lines, electrical transmission lines (above and below ground), gas-main substations, gas lines, and communication infrastructure.
22. Metropolitan Council (Council). 2015l. *Surface Water Resources Evaluation Supporting Documentation Technical Memorandum*. This technical memorandum summarizes and documents the technical reports that were used to evaluate water resources for the Southwest LRT Project.
23. Metropolitan Council (Council). 2015m. *Draft Travel Demand Methodology & Forecast: Revision 4*. February 2016. This document summarizes the forecasting efforts for the Southwest LRT Project, including the travel demand model methodology, validation of the travel demand model, and alternatives and ridership estimates.
24. Metropolitan Council (Council). 2015n. *Visual Quality Guidelines for Key Structures*. This document provides visual design guidelines for key structures throughout the proposed light rail alignment, focusing on bridges and retaining walls and reflecting various coordination efforts with effected local jurisdictions.
25. Metropolitan Council (Council). 2015o. *Southwest LRT Project Identification of Grant-Funded Parks and Natural Areas Technical Memorandum*. This technical memorandum documents the analysis of the proximity of Section 6(f) properties to the Southwest Light Rail Transit Project.
26. Metropolitan Council (Council). 2015p. *Southwest LRT Community Events, Meetings, and Presentations Summary Report*. This report includes a summary of all of the community events, meetings, and presentations conducted for the Southwest Light Rail Transit (LRT) Project from 2013 through March 2016. This includes dates, locations, a summary of participants, and topics discussed.
27. Metropolitan Council (Council). 2015q. *Southwest LRT Habitat Analysis*. Spatial data was analyzed to assess the existing land cover within the vicinity of the proposed Southwest LRT Project in order to quantify and evaluate the existing habitat that is present within a defined habitat study area.
28. Metropolitan Council (Council). 2015r. *Southwest LRT Migratory Bird Analysis*. The analysis involved a review of the regulatory status of the bird species that have been observed in Hennepin County.
29. Metropolitan Council (Council). 2015s. *Hazardous and Contaminated Materials Evaluation Supporting Documentation Technical Memorandum*. This technical memorandum summarizes and documents the technical reports (Phase I and Phase II Environmental Site Assessments) that were used to identify and evaluate locations of areas with soil and groundwater contamination.

30. Metropolitan Council (Council). 2015t. *Phase II Environmental Site Assessment Summary*. This technical memorandum summarizes the Phase II Environmental Site Assessment results by site.
31. Metropolitan Council (Council). 2015u. *Safety and Security Management Plan (SSMP)*. This plan documents considerations for safety and security in the design and construction of the Project, covering requirements for safety and security design criteria, hazard analyses, threat and vulnerability analyses, construction safety and security, operational staff training, and emergency response measures, as well as actions and requirements.
32. Metropolitan Council (Council). 2015v. *SWLRT East Construction Impacts Summary*. This report provides an overview of potential construction activities and duration as well as construction sequencing for the eastern portion of the project.
33. Metropolitan Council (Council). 2016a. *Southwest LRT 90 Percent Plans*. Developed by the Southwest LRT Project Engineering team, these plans represent approximately 90% design for the project scope adopted by the Metropolitan Council in July 2015.
34. Metropolitan Council (Council). 2016b. *Construction Contingency Plan*. Sets forth procedures to be followed by all Project personnel, contractors and subcontractors in the event that previously unidentified unexpected contaminated soil, groundwater or regulated materials are encountered.
35. Metropolitan Council (Council). 2016c. *Cedar Lake Parkway/I-394 Light Rail Alignment Assessment Technical Memorandum*. Assessment of a proposed light rail alignment along Cedar Lake Parkway/I-394.