

**SOUTHWEST LIGHT RAIL TRANSIT PROJECT
(METRO GREEN LINE EXTENSION)**
Section 106 Memorandum of Agreement



**Quarterly Report No. 3
(December 1, 2016 – February 28, 2017)**

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Introduction

The Southwest Light Rail Transit (LRT) (METRO Green Line Extension) Project (Project) is an approximately 14.5-mile long extension of the METRO Green Line (Central Corridor LRT). The line includes 16 new stations (including Town Center which is deferred for construction at a later date) and will operate from downtown Minneapolis through the communities of St. Louis Park, Hopkins, Minnetonka, and Eden Prairie, passing in close proximity to Edina. The project also includes an operations and maintenance facility in Hopkins, approximately 2,500 additional park-and-ride spaces, accommodations for passenger drop off, bicycle and pedestrian access, and new or restructured local bus routes connecting stations to nearby destinations

The Project sponsor, the Metropolitan Council, may receive funding from the Federal Transit Administration (FTA) and permits from the United States Army Corps of Engineers (USACE) to construct the Project. Therefore, the Project is a federal undertaking and must comply with Section 306108 (previously Section 106 and hereinafter referred to as Section 106) of the National Historic Preservation Act of 1966, as amended (54 United States Code § 306108) and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800 et. seq. In accordance with 36 CFR Part 800.2(a)(2), the USACE has recognized FTA as the lead federal agency responsible for fulfilling their collective responsibilities for the Project under Section 106.

Pursuant to 36 CFR Part 800 et. seq., FTA, with assistance from the Minnesota Department of Transportation Cultural Resources Unit, consulted with the Minnesota Historic Preservation Office and other interested parties to define an Area of Potential Effect (APE), conduct surveys to identify and evaluate historic properties within the APE for the National Register of Historic Places, assess effects of the Project on historic properties, and resolve adverse effects. The measures FTA agreed to implement as part of the Project to avoid, minimize, and mitigate adverse effects on historic properties are documented in the *Memorandum of Agreement between the Federal Transit Administration and the Minnesota Historic Preservation Office Regarding the Southwest Light Rail Transit (METRO Green Line Extension) Project, Hennepin County, Minnesota (MOA)*, which was executed on June 21, 2016.

This quarterly summary report was prepared to meet the reporting requirements of MOA Stipulation X.A. It provides an itemized listing of all measures required to implement the terms of the MOA, identifies actions FTA has taken during the reporting period to implement those measures, and includes a timetable of activities proposed for implementation within the following reporting period. It also identifies any problems or unexpected issues encountered during the reporting period, any proposed scheduling changes, any disputes and objections submitted or resolved as part of FTA's efforts to carry out the terms of the MOA, and any changes recommended in implementation of the MOA.

Acronyms and Abbreviations

The following is a list of commonly used acronyms and abbreviations that may be found in the reporting table found in the Implementation Efforts section of this report.

APE	Area of Potential Effect
Council	Metropolitan Council
CRU	Cultural Resources Unit
FTA	Federal Transit Administration
HPC	Heritage Preservation Commission
LRT	Light Rail Transit
MnDOT	Minnesota Department of Transportation
MnHPO	Minnesota Historic Preservation Office
MOA	Memorandum of Agreement
OMF	Operations and Maintenance Facility
Project	Southwest Light Rail Transit/METRO Green Line Extension
Q1	Quarter of the year, in this example, the First Quarter
SCADA	Supervisory Control and Data Acquisition
SOI	Secretary of the Interior
TPSS	Traction Power Substation(s)
WPA	Works Progress Administration

Implementation Efforts

This is quarterly report No. 3 prepared under the terms of the Project MOA and covers the reporting period from December 1, 2016 through February 28, 2017.

MOA Action Item	Implementation Schedule	Implementation Status
Stipulation I. Project Design Development		
<ul style="list-style-type: none"> Design Review - SOI's Standards for the Treatment of Historic Properties 	On-going through completion of the 100% Plans, anticipated schedule: Q3 2016-Q2 2017	On-going, also see Stipulations II, VI and VII
<ul style="list-style-type: none"> Design Review – Non-SOI's Standards for the Treatment of Historic Properties 	On-going through completion of the 100% Plans, anticipated schedule: Q3 2016-Q2 2017	On-going, also see Stipulation II
Stipulation II. Pre-Construction Design Review		
<ul style="list-style-type: none"> Review of 90% Plans 	Q3 2016	Completed August 2016
<ul style="list-style-type: none"> Review of 100% Plans 	<p>To be completed prior to the start of Project construction, but will be completed in stages as 100% Plans for different Project construction packages are completed, anticipated schedule: Q4 2016-Q4 2017</p> <ul style="list-style-type: none"> Civil: anticipated Q4 2016-Q1 2017 Systems: anticipated Q1-Q2 2017 OMF: anticipated Q1-Q2 2017 TPSS: anticipated Q1-Q2 2017 SCADA: anticipated Q1-Q2 2017 Kenilworth Corridor Landscape: anticipated Q2 2017 WPA Walls: anticipated Q1-Q2 2017, also see Stipulation VII Addenda (except Kenilworth Corridor Landscape): anticipated Q1-Q3 2017 Addenda (Kenilworth Corridor Landscape): anticipated Q4 2017-Q1 2018 	<p>In process. MnDOT CRU completed its review of the Civil 100% Plans on February 21, 2017, and notified FTA of its findings. FTA completed its review of the Civil 100% Plans on February 28, 2017, and notified MnHPO of its findings. This review also included a review of the final plans for the portions of the GRHD: Kenilworth Lagoon WPA Rustic Style retaining walls to be documented, deconstructed and reconstructed, see Stipulation VII.</p> <p>MnDOT CRU started its review of the Systems 100% Plans in February 2017 and anticipates completing its review in the next reporting period. Other construction package reviews are not yet started.</p>
Stipulation III. Resolution of Additional Adverse Effects		
	As needed during duration of MOA implementation (Q2 2016-Q2 2026)	On-going, as needed, no activity during reporting period
Stipulation IV. Construction Protection Plan		
<ul style="list-style-type: none"> Construction Protection Plan 	To be completed prior to the start of Project construction, anticipated schedule: Q3 2016-Q3 2017	In process. FTA transmitted the draft plan to MnHPO and other MOA consulting parties on November 30, 2016, for review and comment. On December 1, 2017, the Council sent the draft plan to owners of historic properties who are not

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		consulting parties for review and comment. MnHPO provided comment on the draft plan on January 3, 2017. The Council is using these comments to prepare the final plan. The final plan will be completed early in the next reporting period and provided to MnHPO for concurrence. After MnHPO concurs, the Council will incorporate the final plan into the Project's 100% Plans by addendum.
<ul style="list-style-type: none"> • Vibration Management and Remediation Monitoring Reporting 		
<ul style="list-style-type: none"> ○ Pre-Construction Survey Reporting 	To be completed prior to the start of Project construction, anticipated schedule: Q2-Q3 2017	Not started
<ul style="list-style-type: none"> ○ Post-Construction Survey Reporting 	On-going during Project construction, to be completed in the quarter following completion of Project construction, anticipated timeframe: Q3 2017-2020	Not started
Stipulation V. Archaeological Sites 21HE0436 and 21HE 0437		
<ul style="list-style-type: none"> • Phase III Data Recovery 	To be completed prior to the start of Project construction in the vicinity of Sites 21HE0436 and 21HE0437, anticipated schedule: Q2-Q4 2017	Not started
<ul style="list-style-type: none"> • Interpretation of Archaeological Sites 		
<ul style="list-style-type: none"> ○ Draft Interpretative Plan 	Q2-Q3 2016	Completed May 2016
<ul style="list-style-type: none"> ○ Final Interpretative Plan 	To be completed after completion of Phase III Data Recovery, anticipated schedule: Q3 2017-Q1 2018	In development, on hold. MnHPO provided comments on the draft interpretative plan on May 27, 2016. The City of Minneapolis and Minneapolis HPC provided comments on June 10, 2016. To the extent feasible, the Council will incorporate these comments into the final interpretative plan. Work on final interpretative plan will resume after completion of Phase III Data Recovery.
<ul style="list-style-type: none"> ○ Installation of Interpretation at Royalston Station 	To be installed after the Final Interpretative Plan is approved and finished before Project construction is completed, anticipated timeframe: Q2 2018-2020	Not started
<ul style="list-style-type: none"> ○ Website to Interpret Sites 21HE0436 and 21HE 0437 	To be developed after the Final Interpretative Plan is approved and completed prior to initiation of revenue service operations, anticipated timeframe: Q1 2018-2021	Not started
Stipulation VI. Chicago, Milwaukee, St. Paul & Pacific Railroad Depot		

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<ul style="list-style-type: none"> • Design measures to avoid adverse effect: relocate crossover tracks in front of depot 3,420' west and shift noise wall in front of depot 240' west 		
<ul style="list-style-type: none"> ○ Incorporate design revisions into 90% Plans 	Q2-Q3 2016	Completed August 2016
<ul style="list-style-type: none"> ○ Consult on revised design prior to completion of 100% Plans 	To be completed prior to the final 100% Plans, anticipated schedule: Q3 2016-Q1 2017, also see Stipulation II for timeline of completion of 100% Plans for different Project construction packages	Completed October 2016
<ul style="list-style-type: none"> ○ Incorporate design revisions into 100% Plans 	To be completed prior to the final 100% Plans, anticipated schedule: Q3 2016-Q2 2017, also see above and Stipulation II for timeline of completion of 100% Plans for different Project construction packages	In process. See above, below and Stipulation II.
<ul style="list-style-type: none"> • Review of revised design 	See Stipulation II	In process. During the review of the Civil 100% Plans under Stipulation II, MnDOT CRU and FTA identified a modification from the design MnHPO concurred with in October 2016. A trail between the LRT tracks and Depot was removed from the Project scope and replaced with a ditch (an option discussed during the September 2, 2016 consultation meeting). FTA is requiring a slight modification of the ditch design to meet the SOI's Standards. The Council will complete the design revision in the next reporting period. Once MnDOT CRU and FTA review the revised design under Stipulation II, the Council will incorporate it into the Civil 100% Plans by addendum. Also see above and Stipulation II.
Stipulation VII. Grand Rounds Historic District		
<ul style="list-style-type: none"> • Kenilworth Lagoon Noise Mitigation 		
<ul style="list-style-type: none"> ○ Incorporate design into Project Plans 	To be completed prior to the start of Project construction: Q3 2016-Q1 2017	Completed February 2017. Design incorporated into 90% Plans. Design is included in the Civil 100% Plans that MnDOT CRU and FTA reviewed and approved in February 2017, see Stipulation II.
<ul style="list-style-type: none"> ○ Construct noise mitigation 	To be completed prior to the completion of Project construction, anticipated timeframe: Q3 2017-2020	Not started
<ul style="list-style-type: none"> • Additional design consultation prior to completion of the 100% Plans 	Q3-Q4 2016	Completed December 2016. Initial consultation to inform the design of the 100% Plans was completed during the previous reporting period. Plans for design

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		<p>details were sent to consulting parties for review on September 2, 2016, a consultation meeting was held with consulting parties September 15, 2016 to discuss the draft plans, and MnHPO provided written comments on November 9, 2016.</p> <p>In response to MnHPO comments, FTA provided additional and revised materials to consulting parties for review on November 23, 2016. Based on these additional materials, on December 22, 2016, MnHPO concurred with FTA's findings and determination that "the proposed project elements located with the Grand Rounds Historic District: Chain of Lakes Segment have been designed in accordance with the Secretary of the Interior's <i>Standards for the Treatment of Historic Properties</i>." Also see Stipulation II.</p>
<ul style="list-style-type: none"> • Kenilworth Lagoon WPA Rustic Style Retaining Walls 		
<ul style="list-style-type: none"> ○ Construction plans 	<p>To be completed prior to the start of any Project construction in the vicinity of the WPA walls, anticipated schedule: Q3 2016-Q2 2017, also see Stipulation II</p>	<p>In process. Work on the plans will continue during the next reporting period. Basic details for the reconstruction of the portion of the WPA walls to be documented, deconstructed and reconstructed as part of the new Kenilworth Lagoon crossing were included in the 90% Plans and reviewed by MnDOT CRU and FTA during the previous reporting period.</p> <p>A treatment plan, including provisions, and plan sheets to be included in the 100% Plans for the portions of the WPA walls to be documented, deconstructed, and reconstructed were included in the consultation materials provided to consulting parties for review on November 23, 2016, and to which MnHPO concurred on December 22, 2016, see above and Stipulation II.</p> <p>The final plans for the portions of the WPA walls to be documented, deconstructed and reconstructed are included in the Civil 100% Plans reviewed by MnDOT CRU and FTA in February 2017, see Stipulation II. FTA submitted these plans to MnHPO for concurrence on February 28, 2017.</p> <p>The Council expects to complete the final plans for portions of the WPA walls to be rehabilitated early in the next reporting period. MnDOT CRU and FTA will review these plans under Stipulation I. FTA will then submit the plans to MnHPO for concurrence. After MnHPO concurs, the Council will incorporate the plans into the Civil 100% Plans by addendum.</p>
<ul style="list-style-type: none"> ○ Deconstruction and reconstruction of wall portion under the Project's 	<p>To be completed prior to the completion of Project construction, anticipated timeframe: Q3 2017-2020</p>	<p>Not started</p>

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Kenilworth Crossing and rehabilitation of wall portions beyond the crossing		
<ul style="list-style-type: none"> • Plans for the Grand Rounds Historic District: Canal System 		
<ul style="list-style-type: none"> ○ Preservation Plan 	To be completed prior to initiation of revenue service operations, anticipated timeframe: 2019-2021	Not started
<ul style="list-style-type: none"> ○ Treatments Plan 	To be completed prior to initiation of revenue service operations, anticipated timeframe: 2019-2021	Not started
Stipulation VIII. Hopkins Commercial Historic District		
<ul style="list-style-type: none"> • National Register of Historic Places Nomination 	Work on nomination to be initiated within 6 months of MOA execution and completed prior to initiation of revenue service operations, anticipated timeframe: Q4 2016-2018	In development. Research work needed to prepare the nomination began on December 15, 2016. Research will continue during the next reporting period.
<ul style="list-style-type: none"> • Public Education 	To be completed prior to initiation of revenue service operations, anticipated timeframe: 2018-2019	Not started
Stipulation IX. Standards		
<ul style="list-style-type: none"> • Carry out work pursuant to the MOA in accordance with the <i>SOI's Standards for Archaeology and Historic Preservation</i> 	Duration of MOA implementation, anticipated timeframe: Q2 2016-Q2 2026, or earlier if all MOA measures implemented	On-going
<ul style="list-style-type: none"> • FTA oversight to ensure that all activities carried out pursuant to the MOA are done by, or under the direct supervision of, historic preservation professionals who meet the <i>SOI's Professional Qualifications Standards</i> 	Duration of MOA implementation, anticipated timeframe: Q2 2016-Q2 2026, or earlier if all MOA measures implemented	On-going
Stipulation X. Monitoring and Reporting		
<ul style="list-style-type: none"> • Quarterly MOA Implementation Summary Report 	Every 3 months following MOA execution until it expires or is terminated, anticipated schedule: Q3 2016-Q2 2026 , or earlier if all MOA measures implemented	On-going. Quarterly summary report for previous reporting period submitted to MnHPO on December 9, 2016. Next quarterly report to be prepared and submitted at end of next reporting period.

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Stipulation XI. Coordination with Other Federal Reviews	As needed for the duration of MOA implementation, anticipated timeframe: Q2 2016-Q2 2026, or earlier if all MOA measures implemented	On-going, as needed, no activity during reporting period
Stipulation XI. Review Process During Construction		
• Plan for Unexpected Discoveries	To be developed and included as part of the Construction Protection Plan, anticipated schedule: Q3 2016 – Q3 2017	In development, see Construction Protection Plan bullet under Stipulation IV
• Project Modifications	After the completion of the 100% Plans, through the completion of Project construction, anticipated timeframe: Q2 2017-2020	Not started
• Historic Properties Discovered or Unexpected Affected as a Result of Project Construction	As needed during Project construction, anticipated timeframe: Q3 2016-Q2 2026, or earlier if all MOA measures implemented	Not started
Stipulation XI. Dispute Resolution	As needed during duration of MOA implementation, anticipated timeframe: Q2 2016-Q2 2026, or earlier if all MOA measures implemented	On-going, as needed, no activity during reporting period
Stipulation XII. Duration, Amendments, and Termination	As needed during duration of MOA implementation, anticipated timeframe: Q2 2016-Q2 2026, or earlier if all MOA measures implemented	On-going, as needed, no activity during reporting period