



Attachment 1

GENERAL TERMS AND CONDITIONS

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ATTACHMENT 1

This Grant Agreement (Agreement) is between the Federal Railroad Administration (FRA) and the Recipient identified in Attachment 2: Project-Specific Terms and Conditions. This Agreement, including the Agreement cover sheet, this Attachment 1, Attachment 2, and Exhibits A–C, constitutes the entire Agreement between FRA and the Recipient regarding the Project as defined in Attachment 2. All prior discussions and understandings concerning the scope and subject matter of this agreement are superseded by this Agreement.

This Agreement is governed by and subject to 2 C.F.R. part 200, Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards, and the U.S. Department of Transportation (USDOT) implementing regulations at 2 C.F.R. part 1201.

ARTICLE 1: TERMS AND CONDITIONS

1.1 General Terms and Conditions

This Attachment 1: General Terms and Conditions, is part of the Agreement between FRA and the Recipient. This Attachment 1 contains the standard terms and conditions governing the administration of this Agreement and the execution of the Project. The General Terms and Conditions incorporate by reference the information contained in Attachment 2 and the Exhibits to this Agreement.

1.2 Project-Specific Terms and Conditions

Attachment 2: Project-Specific Terms and Conditions, is part of the Agreement between FRA and the Recipient. Attachment 2 contains Project-Specific Terms and Conditions, which may include special terms and conditions.

1.3 Program-Specific Clauses

Article 26 of this Attachment 1 contains the applicable program-specific clauses. The Recipient will comply with the program-specific clauses below that are associated with the grant program identified in Attachment 2 of this Agreement. In the event that the Recipient's grant is not authorized under a program listed below, Article 26 does not apply.

(a) For Projects funded under the Interstate Rail Compacts program (49 U.S.C. § 22910), the Recipient will comply with the program-specific clauses in Article 26.1.

(b) For Projects funded under the Railroad Crossing Elimination program (49 U.S.C. § 22909), the Recipient will comply with the program-specific clauses in Article 26.2.

(c) For Projects funded under the Consolidated Rail Infrastructure and Safety Improvements program (49 U.S.C. § 22907), the Recipient will comply with the program-specific clauses in Article 26.3.

(d) For Projects funded under the Restoration and Enhancement program (49 U.S.C. § 22908), the Recipient will comply with the program-specific clauses in Article 26.4.

(e) For Projects funded under the Federal-State Partnership for Intercity Passenger Rail program (49 U.S.C. § 24911) and Federal-State Partnership for State of Good Repair (as authorized in Sections 11103 and 11302 of the Passenger Rail Reform and Investment Act of 2015 (Title XI of the Fixing America’s Surface Transportation (FAST) Act, Pub. L. No. 114-94 (2015))), the Recipient will comply with the program-specific clauses in Article 26.5.

1.4 Exhibits

Exhibits A–C are part of the Agreement between FRA and the Recipient. The Recipient will comply with Exhibits A–C.

ARTICLE 2: FRA ROLE AND RESPONSIBILITIES

2.1 FRA Role

(a) FRA is responsible for funding disbursements to the Recipient under this Agreement. FRA will also conduct oversight and monitoring activities to assess Recipient progress against established performance goals and to assess compliance with terms and conditions, including the Statement of Work and other requirements of this Agreement.

(b) If this award is made as a Cooperative Agreement, FRA will have substantial programmatic involvement. Substantial involvement means that, after award, technical, administrative, or programmatic staff will assist, guide, coordinate, or otherwise participate with the Recipient in Project activities.

(c) If this award is made as a Grant, FRA will not have substantial programmatic involvement.

2.2 FRA Professional Staff

FRA may provide professional staff to review work in progress, completed products, and to provide or facilitate access to technical assistance when it is available, feasible, and appropriate. FRA professional staff may include the following:

(a) Financial Analyst. The Financial Analyst will serve as the Recipient’s point of contact for systems (e.g., GrantSolutions and the Delphi eInvoicing System) access and troubleshooting as well as for financial monitoring.

(b) Grant Manager. The Grant Manager will serve as the Recipient’s point of contact for grant administration and will oversee compliance with the terms and conditions in this Agreement. The Grant Manager reviews financial reports, performance reports, and works with the Project Manager to facilitate effective Project delivery.

(c) Project Manager. The Project Manager will serve as the Recipient’s point of contact for the technical aspects of Project delivery. The Project Manager coordinates Project deliverable review, provides technical assistance to the Recipient, and generally assesses Project progress and performance.

ARTICLE 3: RECIPIENT ROLE

3.1 Representations and Acknowledgments on the Project

(a) The Recipient represents that:

- (1) all material statements of fact in the Application were accurate when the Application was submitted and now; and
- (2) the Recipient read and understands the terms and conditions in Attachment 1 and Attachment 2 of this Agreement, the applicable program-specific clauses in Article 26 of this Attachment 1, and the information and conditions in the Exhibits.

(b) The Recipient acknowledges that:

- (1) the terms and conditions impose obligations on the Recipient and that the Recipient's non-compliance with the terms and conditions may result in remedial action, including terminating the Agreement, disallowing costs incurred for the Project, requiring the Recipient to refund Federal contributions to FRA, and reporting the non-compliance in the Federal-government-wide integrity and performance system. Recipient acknowledges that the terms and conditions impose such obligations on the Recipient whether the award is made as a Cooperative Agreement, Grant Agreement, or Phased Funding Agreement.
- (2) The Recipient acknowledges that the requirements of this Agreement apply to the entire Project, including Project costs satisfied from sources other than Agreement Federal Funds.

(c) By entering into this Agreement with FRA, the Recipient agrees to comply with the terms and conditions in Attachment 1 and Attachment 2, including applicable program-specific clauses in Article 26 of this Attachment 1, Exhibits A–C, and all applicable Federal laws and regulations, including those identified in this Agreement. The Recipient will ensure compliance with all terms of this Agreement and all of its parts for all tiers of subawards and contracts under this Agreement, as appropriate. The Recipient understands that the terms and conditions of this Agreement apply regardless of whether the award is made as a Cooperative Agreement, Grant Agreement, or Phased Funding Agreement.

3.2 Representations on Authority and Capacity

The Recipient represents that:

- (a) it has the legal authority to receive Federal financial assistance under this Agreement;
- (b) it has the legal authority to complete the Project;
- (c) all representations and warranties made in the Federal System for Awards Management (SAM.gov) and in the Application are true and correct;

- (d) it has the capacity, including legal, technical, institutional, managerial, and financial capacity, to comply with its obligations under this Agreement and complete the Project;
- (e) the Non-Federal Funds listed in Article 6 of Attachment 2 of this Agreement are committed to fund the Project;
- (f) it has sufficient funds available to ensure that equipment and infrastructure funded under this Agreement will be operated and maintained in compliance with this Agreement and applicable Federal law;
- (g) it has sufficient funds available to ensure that operations funded under this agreement are conducted in compliance with this Agreement and applicable Federal law; and
- (h) the individual executing this agreement on behalf of the Recipient has the legal authority to enter this Agreement and make the statements and certifications in this Agreement on behalf of the Recipient.

3.3 FRA Reliance

The Recipient acknowledges that:

- (a) FRA relied on statements of fact in the Application and SAM.gov to select the Project to receive this award;
- (b) FRA relied on statements of fact in the Application, SAM.gov, and this Agreement to determine that the Recipient and the Project are eligible to receive financial assistance under this Agreement;
- (c) FRA relied on statements of fact in the Application, SAM.gov, and this Agreement to determine that the Recipient has the legal authority to implement the Project; and
- (d) FRA relied on statements of fact in both the Application and this Agreement to establish the terms of this Agreement; and
- (e) FRA's selection of the Project to receive this award may have prevented awards to other eligible applicants.

3.4 Project Delivery

- (a) The Recipient will implement and complete the Project to FRA's satisfaction under the terms of this Agreement.
- (b) The Recipient will ensure that the Project is financed, constructed, operated, and maintained in accordance with all applicable Federal laws, regulations, and policies.

3.5 Rights and Powers Affecting the Project

- (a) The Recipient will not take or permit any action that deprives it of any rights or powers necessary to the Recipient's performance under this Agreement without written approval of FRA.

(b) The Recipient will act promptly, in a manner acceptable to FRA, to acquire, extinguish, or modify any outstanding rights or claims of right of others that would interfere with the Recipient's performance under this Agreement.

3.6 Notification of Changes to Key Personnel

The Recipient will notify the FRA Grant Manager in writing within 30 days of any change in key personnel who are identified in the Application, which may require an amendment to this Agreement.

ARTICLE 4: AWARD AMOUNT, OBLIGATION, AND TIME PERIODS

4.1 Federal Award Amount

Under this Agreement, FRA awards a Grant to the Recipient in the amount that is the Agreement Federal Funds in Article 6.1 of Attachment 2 of this Agreement.

4.2 Federal Obligations

This Agreement obligates for the budget period the amount that is the Agreement Federal Funds in Article 6.1 of Attachment 2 of this Agreement.

4.3 Maximum Funding Amount

This Agreement funds the Project at the lesser amount of the Agreement Federal Funds in Article 6.1 of Attachment 2 of this Agreement, or the FRA maximum contribution percentage of the total Project cost identified in Article 6.5 of Attachment 2 of this Agreement.

4.4 Budget Period

The budget period for this award begins on the date of this Agreement and ends on the end date that is listed in Section 5 on the Agreement cover sheet. In this Agreement, "budget period" is used as defined at 2 C.F.R. § 200.1.

4.5 Period of Performance

The Period of Performance for this award is listed in Section 4 on the Agreement cover sheet. In this Agreement, "Period of Performance" is used as defined at 2 C.F.R. § 200.1.

ARTICLE 5: STATEMENT OF WORK, SCHEDULE, AND BUDGET CHANGES

5.1 Notification Requirement

The Recipient will notify the FRA Grant Manager and Project Manager by electronic correspondence within 30 days of any change in circumstances or commitments that adversely affect the Recipient's plan to complete the Project, including change in authority. In that notification, the Recipient will describe the change and what actions the Recipient has taken or plans to take to ensure completion of the Project. This notification requirement under this Section 5.1 is separate from any requirements under this Article 5 that the Recipient request an amendment to this Agreement.

5.2 Scope and Statement of Work Changes

If the Project's activities differ from the activities described in Article 4 of Attachment 2 of this Agreement, then the Recipient will notify FRA in writing of the change, which may require an amendment to this Agreement.

5.3 Schedule Changes

If one or more of the following conditions are satisfied, then the Recipient will request an amendment to this Agreement to update the Estimated Project Schedule in Section 5.2 of Attachment 2 of this Agreement:

- (a) a completion date for the Project or a component of the Project is listed in the Estimated Project Schedule in Section 5.2 of Attachment 2 of this Agreement and the Recipient's estimate for that milestone changes to a date that is more than six months after the date listed;
- (b) a schedule change would require the budget period to continue after the end of the budget period defined in Section 4.4; or
- (c) a schedule change would require the Period of Performance to continue after the end of the Period of Performance defined in Section 4.5. The Recipient must submit requests to extend the Period of Performance not later than 90 days before the end of the Period of Performance.

For other schedule changes, the Recipient will notify the Grant Manager in writing.

5.4 Budget Changes

- (a) The Recipient acknowledges that if the cost of completing the Project increases:
 - (1) that increase does not affect the Recipient's obligation under this Agreement to complete the Project;
 - (2) any additional funds the Recipient contributes to complete the Project are subject to the requirements of this Agreement in the same manner as the Non-Federal Funds identified in Article 6.5 of Attachment 2 of this Agreement; and
 - (3) FRA will not increase the amount of this award to address any funding shortfall.
- (b) The Recipient will notify FRA in writing if the total Project cost, as described in Table 6-A of Attachment 2 of this Agreement, amount increases, which may result in an amendment to this Agreement.
- (c) The Recipient will notify FRA in writing if the Non-Federal Funds amount decreases, which may result in an amendment to this Agreement.
- (d) For all other budget changes, the Recipient will follow the applicable procedures and document the changes in writing.

5.5 Project Cost Savings

(a) If there are Project Cost Savings, then the Recipient may notify FRA in writing of its intent to include in the Project and complete with the Project Cost Savings the additional activities within the scope of this award that are specified in the Additional Task(s) in Article 4 of Attachment 2 of this Agreement. The Recipient will complete the Additional Task(s) after FRA provides a written approval. An amendment to this Agreement is not required to proceed with the Additional Task(s).

(b) If there are Project Cost Savings, and there are not Additional Task(s) identified in Article 4 of Attachment 2 of this Agreement, then the Recipient may propose a new task that is within the scope of this award and request an amendment to add the new task to this Agreement and complete it with Project Cost Savings.

(c) In this Agreement, “**Project Cost Savings**” means the difference between the actual costs to complete the Project and the estimated total Project cost listed in Section 6.5 of Attachment 2 of this Agreement, if after the Recipient completes the tasks identified in Article 4 of Attachment 2 of this Agreement to FRA’s satisfaction, the actual Project costs are less than the estimated total Project costs. There are no Project Cost Savings prior to completion of the Project or if the actual costs to complete the Project are equal to or greater than the total Project cost listed in Section 6.5 of Attachment 2 of this Agreement.

(d) If there are Project Cost Savings and either the Recipient does not make a proposal or FRA does not accept the Recipient’s proposal under (a) of this Section 5.5, then:

(1) The Recipient will provide written notice to FRA and reduce the Federal Share by the Project Cost Savings, which may result in an amendment to this Agreement; and

(2) If the reduced Federal Share reduces this award and the Recipient received reimbursed costs exceeding the appropriate amount under the reduced award, the Recipient will refund the difference between the reimbursed costs and the reduced award.

(e) In this Agreement, “Federal Share” means the sum of the Agreement Federal Funds and Other Federal Funds amounts that are identified in the Approved Project Budget in Section 6.5 of Attachment 2 of this Agreement.

(f) The Recipient acknowledges that amounts that are required to be refunded under this Section constitute a debt to the Federal Government that FRA may collect under 2 C.F.R. § 200.346 and the Federal Claims Collection Standards (31 C.F.R. parts 900–999).

5.6 FRA Acceptance of Changes

FRA may accept or reject changes requested under this Article 5, and in doing so may elect to consider only the interests of the grant program and FRA. The Recipient acknowledges that any request under this Article 5 does not amend, modify, or supplement this Agreement unless FRA

accepts the request and the parties amend this Agreement under Section 15.1 of this Attachment 1.

ARTICLE 6: GENERAL REPORTING TERMS

6.1 Alternative Reporting Methods

FRA may establish processes for the Recipient to submit reports required by this Agreement, including electronic submission processes. If the Recipient is notified of those processes in writing, the Recipient will use the processes required by FRA.

6.2 Paperwork Reduction Act Notice

Under 5 C.F.R. § 1320.6, the Recipient is not required to respond to a collection of information that does not display a currently valid control number issued by the Office of Management and Budget (OMB). Notwithstanding any other term of this Agreement, the due date for any information collections required under this Agreement, including the reporting requirements in Articles 7 and 8, is the later of (1) the due date stated with the requirement and (2) the 30th day after OMB approves that information collection.

ARTICLE 7: PROGRESS AND FINANCIAL REPORTING

7.1 Quarterly Project Progress Reports and Recertifications

(a) On or before the 30th day of the first month of each quarter and until the end of the Period of Performance, the Recipient will submit to FRA through GrantSolutions a complete FRA Form 34¹ Quarterly Project Progress Report and Recertification that contains, for the previous quarter:

- (1) a certification that the Recipient is in compliance with 2 C.F.R. § 200.303 (Internal Controls) and 2 C.F.R. part 200, Subpart F (Audit Requirements);
- (2) the certification required under 2 C.F.R. § 200.415(a); and
- (3) a certification that the Recipient is complying with any environmental mitigation commitments and Section 106 compliance obligations.

If the date of this Agreement is in the final month of a quarter, then the Recipient will submit the first Quarterly Project Progress Report and Recertification in the quarter that begins after the date of this Agreement.

(b) On or before the 30th day of the first month of each quarter and until the end of the Period of Performance, the Recipient will submit to FRA through GrantSolutions a Federal Financial Report (SF-425) covering the previous quarter.

¹ FRA Form 34 is available at <https://railroads.dot.gov/grant-administration/reporting-requirements/fra-reports>

7.2 Final Progress Reports and Financial Information

No later than 120 days after the end of the Period of Performance, the Recipient will submit:

- (a) a final Quarterly Project Progress Report and Recertification in the format and with the content described in Section 7.1(a) of this Attachment 1 for each Quarterly Project Progress Report and Recertification;
- (b) a final SF-425 through GrantSolutions;
- (c) a Final Performance Report FRA Form 33 as provided by FRA²; and
- (d) any other information required under FRA's award closeout procedures.

7.3 Real Property Reporting

The Recipient will comply with the reporting obligations in 2 C.F.R. § 200.300, as directed by FRA.

ARTICLE 8: PERFORMANCE MEASUREMENT AND REPORTING

8.1 Baseline Performance Measurement

Within one year before the start of work on the Project, the Recipient will collect baseline data for each performance measure that is identified in Article 7 of Attachment 2 of this Agreement. Within six months of the start of the Period of Performance, the Recipient will submit to FRA a Baseline Performance Measurement Report that describes the data collected, the dates when the data were collected, the data sources, assumptions, variability, and estimated levels of precision for each performance measure. The Recipient will also provide FRA access to the data collected in machine-readable format.

8.2 Post-Project Performance Measurement

For each performance measure that is listed in Article 7 of Attachment 2 of this Agreement, the Recipient will collect data and submit to FRA a Post-Project Performance Measurement Report that describes the data collected, the dates when the data were collected, the data sources, assumptions, variability, and estimated levels of precision for each performance measure, at the frequency and for the duration identified in Article 7 of Attachment 2 of this Agreement. The Recipient will also provide FRA access to the data collected in machine-readable format. If an external factor affects a performance measure, the Recipient will identify that external factor in the Post-Project Performance Measurement Report and discuss the external factor's influence on the performance measure. In the Post-Project Performance Report, the Recipient will compare the actual project performance against the pre-project (baseline) performance and expected post-project performance as described in Table 7-A of Attachment 2 of this Agreement.

²FRA Form 33 is available at <https://railroads.dot.gov/grant-administration/reporting-requirements/fra-reports>

8.3 Project Outcomes Report

Where indicated in Article 7 of Attachment 2 of this Agreement, the Recipient will submit to FRA, not later than January 31st of the year that follows the final year during which data were collected, a Project Outcomes Report that contains:

- (a) an analysis of the impacts of the Project, including a comparison of the baseline performance measurement data collected under Section 8.1 of this Attachment 1 with the post-project performance measurement data that the Recipient reported in the final Post-Project Performance Measurement Report required under Section 8.2 of this Attachment 1;
- (b) for each performance measure that is identified in Article 7 of Attachment 2 of this Agreement, an analysis of the accuracy of the projected outcome; and
- (c) all data collected under Sections 8.1 and 8.2 of this Attachment 1;
- (d) additional information as directed.

8.4 General Performance Measurement Requirements

The Recipient will ensure that all data collection for each performance measure identified in Article 7 of Attachment 2 of this Agreement is completed in a manner consistent with the description, location, and other attributes associated with that performance measure.

8.5 Outcome Measurement and Reporting Survival

The data collection and reporting requirements in Article 8 of this Attachment 1 survive the termination of this Agreement. FRA may consider the Recipient's compliance with this requirement after closeout of the grant in its evaluation of future applications for Federal financial assistance.

ARTICLE 9: NONCOMPLIANCE AND REMEDIES

9.1 Noncompliance Determinations

(a) Notice of Proposed Determination. If FRA determines that the Recipient may have failed to comply with the United States Constitution, Federal law, or the terms and conditions of this Agreement, FRA will notify the Recipient of a proposed determination of noncompliance through a written notice that:

- (1) explains the noncompliance;
- (2) describes a proposed remedy that is consistent with Section 9.2 of this Attachment 1;
- (3) describes the process and form in which the Recipient may respond to the notice that is consistent with Section 9.1(b) of this Attachment 1; and

(4) if applicable, provides the Recipient an opportunity to cure the noncompliance or take corrective action.

(b) Response to Notice of Proposed Determination. The Recipient may, not later than 7 days after receiving the notice of proposed determination of noncompliance, respond to that notice in the form and through the process described in that notice. In its response, the Recipient may:

- (1) accept the proposed remedy;
- (2) acknowledge the noncompliance, but propose an alternative remedy;
- (3) acknowledge the noncompliance and agree to cure or take corrective action;
or
- (4) dispute the noncompliance.

To dispute the noncompliance, the Recipient must include in its response sufficient documentation or other information supporting the Recipient's compliance.

(c) Notice of Final Determination. After considering the Recipient's response or failure to timely respond under Section 9.1(b) of this Attachment 1, FRA will make a final determination. To make a final determination, FRA must provide a written notice to the Recipient that:

- (1) states what the final determination is (e.g., noncompliance or compliance);
- (2) states the basis for the final determination; and
- (3) describes the remedy that FRA is imposing, if applicable, or if FRA is not imposing a remedy, describes the resolution to the proposed determination of noncompliance, including whether the Recipient has cured or corrected the noncompliance.

(d) If FRA determines the noncompliance is one that cannot be addressed while work on the Project is ongoing, in the notice of proposed determination or in the notice of final determination, FRA will direct the Recipient to stop work. The Recipient will stop work and will direct any Subrecipients or contractors to stop work immediately upon receipt of a notice to stop work from FRA.

(e) FRA may consider the public interest in making a determination of noncompliance and imposing a remedy.

9.2 Remedies

(a) If FRA makes a final determination of noncompliance under Section 9.1(c) of this Attachment 1, FRA may impose a remedy, including:

- (1) additional conditions on the award;
- (2) requiring the Recipient to prepare and implement a corrective action plan;

- (3) directing the Recipient to stop work;
- (4) any remedy permitted under 2 C.F.R. §§ 200.339–200.340, including withholding of payments; disallowance of previously reimbursed costs, requiring refunds from the Recipient to FRA; suspension or termination of the award; or suspension and disbarment under 2 C.F.R. part 180; or
- (5) any other remedy legally available.

(b) The Recipient acknowledges that any amounts FRA requires the Recipient to refund to FRA under this Section 9.2 constitute a debt to the Federal Government that FRA may collect under 2 C.F.R. § 200.346 and the Federal Claims Collection Standards (31 C.F.R. parts 900–999).

(c) Other Remedies. The termination authority under Article 10 of this Attachment 1 supplements and does not limit FRA’s remedial authority under this Article 9 or 2 C.F.R. part 200, including 2 C.F.R. §§ 200.339-200.240. FRA reserves the right to seek any appropriate remedy or otherwise enforce the terms and conditions of this Agreement as authorized by law.

9.3 Other Oversight Entities

Nothing in Article 9 of this Attachment 1 limits any party’s authority to report activity under this agreement to the United States Department of Transportation Inspector General or other appropriate oversight entities.

ARTICLE 10: AGREEMENT SUSPENSION AND TERMINATION

10.1 Suspension of Award Activities

(a) If FRA determines that the remedy for noncompliance imposed under Article 9 of this Agreement does not achieve the desired result or is unlikely to improve compliance or performance, FRA may suspend activities under this Agreement pending corrective action by the Recipient or termination.

(b) If FRA suspends activities under this Agreement, FRA will notify the Recipient in writing of the following, which may be included in the determinations of non-compliance under Section 9.1 of this Attachment 1:

- (1) what project activities, if any, will take place during the period of suspension;
- (2) what costs FRA will reimburse if the suspension is lifted and the award resumed;
- (3) what corrective actions must occur during the suspension; and
- (4) FRA’s intent to terminate the award under this Article 10 if the Recipient does not meet the conditions of the remedial action.

(c) The duration of the temporary suspension of activities under the Agreement should be commensurate with the corrective action needed, but should not exceed 120 days at the outset. If the Recipient is not making sufficient progress in correcting the noncompliance, FRA must consider both financial and programmatic requirements in determining the appropriate extension to avoid the need for termination.

10.2 FRA Termination

(a) FRA may terminate this Agreement and all its obligations under this Agreement if any of the following occurs:

- (1) the Recipient fails to obtain or contribute the required Non-Federal Funds, or alternatives approved by FRA, as provided in this agreement and consistent with Article 6 of Attachment 2 of this Agreement;
- (2) the Recipient fails to meet a milestone by six months after the completion date listed in Article 5 of Attachment 2 of this Agreement and the Recipient fails to request an amendment to this Agreement pursuant to Section 5.3 of this Attachment 1;
- (3) the Recipient fails to comply with the terms and conditions of this Agreement;
- (4) there are changes to the Project that FRA determines are inconsistent with FRA's basis for selecting the Project to receive the award; or
- (5) FRA determines that termination of this Agreement is in the public interest.

(b) The Recipient may request that FRA terminate the Agreement, which may result in FRA determining noncompliance and imposing remedies pursuant to Article 9 of this Attachment 1.

10.3 Closeout Termination

- (a) This Agreement terminates on Project Closeout.
- (b) In this Agreement, "Project Closeout" means the date that FRA notifies the Recipient that the award is closed out. Under 2 C.F.R. § 200.344, Project Closeout should occur no later than one year after the end of the Period of Performance.

10.4 Post-Termination Adjustments

The Recipient acknowledges that under 2 C.F.R. §§ 200.345–200.346, termination of this Agreement does not extinguish FRA's authority to disallow costs, including costs that FRA reimbursed before termination, and recover funds from the Recipient.

10.5 Non-Terminating Events

- (a) The end of the budget period described under Section 4.4 of this Attachment 1 does not terminate this Agreement or the Recipient's obligations under this Agreement.

(b) The end of the Period of Performance described under Section 4.5 of this Attachment 1 does not terminate this Agreement or the Recipient's obligations under this Agreement.

ARTICLE 11: MONITORING, FINANCIAL MANAGEMENT, CONTROLS, AND RECORDS

11.1 Recipient Monitoring and Record Retention

(a) The Recipient will monitor activities under this award, including activities under subawards and contracts, to ensure:

- (1) that those activities comply with this agreement; and
- (2) that funds provided under this award are not expended on costs that are not allowable under this award or not allocable to this award.

(b) If the Recipient makes a subaward under this award, the Recipient will monitor the activities of the Subrecipient in compliance with 2 C.F.R. §200.332(d).

(c) The Recipient will retain and provide access to records relevant to the award during the course of the Project and for three years after closeout or longer, as required under 2 C.F.R. § 200.334

(d) The Recipient will adhere to the recording and recordkeeping requirements set forth in 2 C.F.R. §§ 200.334–200.338. Project Closeout does not alter these requirements.

11.2 Financial Records and Audits

(a) The Recipient will keep all Project accounts and records that fully disclose the amount and disposition by the Recipient of the award funds, the total cost of the Project, and the amount or nature of that portion of the cost of the Project supplied by other sources, and any other financial records related to the Project.

(b) The Recipient will keep accounts and records described under Section 11.2(a) of this Attachment 1 in accordance with a financial management system that meets the requirements of 2 C.F.R. §§ 200.301–200.303 and 2 C.F.R. part 200, subpart F and will facilitate an effective audit in accordance with 31 U.S.C. §§ 7501–7506.

(c) The Recipient will separately identify expenditures under the award in financial records required for audits under 31 U.S.C. §§ 7501–7506. Specifically, the Recipient will:

- (1) list expenditures separately on the schedule of expenditures of Federal awards required under 2 C.F.R. part 200, subpart F, including the fiscal year in the format "FY 202X" in the program name; and
- (2) list expenditures on a separate row under Part II, Item 1 (Federal Awards Expended During Fiscal Period) of Form SF-SAC, including "FY 202X" in Column C (Additional Award Identification).

(d) If the Recipient expends \$750,000 or more in Federal awards during the Recipient's fiscal year, a single or program audit will be conducted for that year, consistent with 2 C.F.R. §§ 200.501(a) and 200.512(c).

11.3 Internal Controls

The Recipient will establish and maintain internal controls as required under 2 C.F.R. § 200.303.

11.4 FRA Record Access

FRA may access Recipient records related to this award under 2 C.F.R. § 200.337.

11.5 Site Visits

FRA may conduct site visits to review Project activities, accomplishments, and management control systems and to provide technical assistance to the Recipient. The Recipient will provide or ensure reasonable, safe, and convenient access to FRA for any such site visit. FRA will conduct all site visits in such a manner as will not unduly delay work conducted by the Recipient, Subrecipient, or contractor.

ARTICLE 12: CONTRACTING AND SUBAWARDING

12.1 Buy America

(a) For infrastructure projects, steel, iron, manufactured goods, and construction materials used in the Project are subject to the domestic preference requirement at § 70914 of the Build America, Buy America Act (Buy American Act), Pub. L. No. 117-58, div. G, tit. IX, subtit. A, 135 Stat. 429, 1298 (2021) and 2 C.F.R. part 184, as implemented by OMB, USDOT, and FRA. The Recipient acknowledges that this Agreement is neither a waiver of § 70914(a) nor a finding under § 70914(b).

(b) For all other projects, the Recipient's acquisition of steel, iron, and manufactured goods with funding provided through this Agreement is subject to the requirements set forth in the Buy American Act, 41 U.S.C. §§ 8301-8305. The Recipient also represents that it has never been convicted of violating the Buy American Act nor will it make funding received under this Agreement available to any person or entity who has been convicted of violating the Buy American Act.

(c) Under this Section, "infrastructure project" has the definition provided in 2 C.F.R. § 184.3.

(d) Under 2 C.F.R. § 200.322, as appropriate and to the extent consistent with law, the Recipient should, to the greatest extent practicable under this award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. The Recipient shall include the requirements of 2 C.F.R. § 200.322 in all subawards including all contracts and purchase orders for work or products under this award.

12.2 Small and Disadvantaged Business Requirements

The Recipient will expend all funds under this award in compliance with the requirements at 2 C.F.R. § 200.321 (Contracting with small and minority businesses, women’s business enterprises, and labor surplus area firms), and to the extent applicable, 49 C.F.R. part 26 (Participation by disadvantaged business enterprises in Department of Transportation financial assistance programs).

12.3 Engineering and Design Services [Reserved]

12.4 Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment

The Recipient acknowledges that Section 889 of Pub. L. No. 115-232 and 2 C.F.R. § 200.216 prohibit the Recipient and all Subrecipients from procuring or obtaining certain telecommunications and video surveillance services or equipment under this award.

12.5 Pass-Through Entity Responsibilities

(a) If the Recipient makes a subaward under this award, the Recipient will comply with the requirements for pass-through entities under 2 C.F.R. parts 200 and 1201, including 2 C.F.R. §§ 200.331–200.333, regardless of whether the Recipient is also a Pass-Through Entity as defined in 2 C.F.R. § 200.1.

(b) The Recipient will report any subaward obligation of \$25,000 or more in Federal funds in USASpending.gov consistent with the Federal Funding Accountability and Transparency Act, Pub. L. 109-282.

(c) The Recipient is accountable for performance under this award, the appropriate expenditure of funds, and other requirements under this Agreement. The Recipient is responsible for any non-compliance under the award and for compliance with any remedies imposed.

12.6 Local Hiring Preference for Construction Jobs

Under Section 25019 of the Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, div. B, tit. V (2021), a Recipient or Subrecipient may implement a local or other geographical or economic hiring preference relating to the use of labor for construction of a project funded by this grant if funded under title 49 or 23 United States Code, including prehire agreements, subject to any applicable State and local laws, policies, and procedures. The use of such a local or other geographical or economic hiring preference in any bid for a contract for the construction of a project funded by this grant shall not be considered to unduly limit competition. Project labor agreements should be consistent with the definition and standards outlined in Executive Order 13502. The Recipient will document its consideration of Local Hiring Preference for Construction Jobs related to the Project in Article 11 of Attachment 2 of this Agreement. For additional information, see <https://www.transportation.gov/sites/dot.gov/files/2023-05/Creating-Local-Construction-Workforce.pdf>.



12.7 Procurement

The Recipient may acquire property, goods, or services in connection with the Project. If the Recipient is a State, then it will use its own procurement procedures that reflect applicable State laws and regulations in compliance with 2 C.F.R. § 200.317. A Subrecipient of a State will follow the policies and procedures allowed by that State when procuring property and services under this award consistent with 2 C.F.R. § 1201.317, notwithstanding 2 C.F.R. § 200.317. An entity that is not a State or Subrecipient of a State will comply with 2 C.F.R. §§ 200.318–200.327, and applicable supplementary USDOT or FRA directives and regulations. The Recipient will provide technical specifications and requirements to FRA for review upon request.

ARTICLE 13: COSTS, PAYMENTS, AND UNEXPENDED FUNDS

13.1 Limitation of Federal Award Amount

Under this award, FRA will not provide funding in an amount greater than the Agreement Federal Funds. The Recipient acknowledges that FRA is not liable for payments exceeding that amount, and the Recipient will not request reimbursement of costs exceeding that amount.

13.2 Project Costs

This award is subject to the cost principles at 2 C.F.R. part 200, subpart E, including provisions on determining allocable costs and determining allowable costs.

13.3 Timing of Project Costs

(a) The Recipient will not charge to this award costs that are incurred after the budget period.

(b) The Recipient will not charge to this award costs that were incurred before the date of this Agreement unless those costs are identified as approved pre-award costs in Section 6.6 of Attachment 2 of this Agreement and would have been allowable if incurred during the budget period. This limitation applies to pre-award costs under 2 C.F.R. § 200.458. This agreement hereby terminates and supersedes any previous FRA approval for the Recipient to incur costs under this award for the Project. Section 6.6 of Attachment 2 of this Agreement is the exclusive FRA approval of costs incurred before the date of this Agreement.

(c) The Recipient may request approval of pre-award costs in a written request that demonstrates the purpose and amount of the costs, compliance with 2 C.F.R. § 200.458, and whether such costs would otherwise serve as Non-Federal Funds.

13.4 Recipient Recovery of Federal Funds

The Recipient will make all reasonable efforts, including initiating litigation, if necessary, to recover Federal funds if FRA determines, after consultation with the Recipient, that those funds have been spent fraudulently, wastefully, or in violation of Federal laws, or misused in any manner. The Recipient will not enter a settlement or other final position, in court or otherwise, involving the recovery of funds under the award unless approved in advance in writing by FRA.

13.5 Unexpended Agreement Federal Funds

Any Agreement Federal Funds that are obligated but not expended on allocable, allowable costs remain the property of the United States.

13.6 Interest Earned

Interest earned on advances of Agreement Federal Funds is not program income.

13.7 Timing of Payments to the Recipient

- (a) Reimbursement is the payment method, unless otherwise approved by FRA.
- (b) The Recipient will not request reimbursement of a cost before the Recipient has entered into an obligation for that cost.

13.8 Payment Method

- (a) The Recipient will use the DELPHI e-Invoicing System (<https://www.dot.gov/cfo/delphi-einvoicing-system.html>) to request reimbursement under this award. FRA will provide access to that system upon request by the Recipient.
- (b) FRA may deny a payment request that is not submitted using the method identified in this Section.

13.9 Information Supporting Expenditures

- (a) When requesting reimbursement of costs incurred or credit for cost share incurred, the Recipient will electronically submit the SF 270 (Request for Advance or Reimbursement) and will submit supporting cost detail to document clearly all costs incurred. As supporting cost detail, the Recipient will include a detailed breakout of all costs incurred and classify all costs by task and by Agreement Federal Funds and Agreement Non-Federal Funds.
- (b) Unless FRA and the Recipient agree otherwise in writing, the Recipient will ensure that the proportion of expenditure of Agreement Federal Funds to Agreement Non-Federal Funds is not more than the maximum percent of total Project cost FRA will contribute identified in Section 6.5 of Attachment 2 of this Agreement. The Recipient will ensure the proportional expenditure of funds is reflected in the detailed breakout of costs supporting the SF 270.
- (c) If the Recipient submits a request for reimbursement that FRA determines does not include or is not supported by sufficient detail, FRA may deny the request or withhold processing the request until the Recipient provides sufficient detail.

13.10 Reimbursement Request Timing Frequency

The Recipient will request reimbursement as needed to maintain cash flow sufficient to timely complete the Project. The Recipient will not submit any single payment request exceeding \$99,999,999.99. The Recipient will not submit a payment request exceeding \$50,000,000.00 unless the Recipient notifies FRA six days before submitting the request.

13.11 Program Income

The Recipient is encouraged to earn income to defray Project costs, where appropriate, and will work with FRA to determine how income may be applied to the grant, in accordance with 2 C.F.R. § 200.307 and 2 C.F.R. § 1201.80. Program income not deducted from total allowable costs may be used only for the purposes and under the terms and conditions established in this Agreement. The Recipient will maintain records of all program income.

ARTICLE 14: PROPERTY AND EQUIPMENT

14.1 General Requirements

The Recipient will comply with the property standards of 2 C.F.R. §§ 200.310–200.316 and will ensure compliance with these standards for all tiers of subawards and contracts under this award.

14.2 Relocation and Real Property Acquisition

The Recipient will comply with the land acquisition policies and relocation requirements in 42 U.S.C. § 4601 et seq. and 49 C.F.R. part 24, subparts A–F, as applicable. At a minimum, under this section, the Recipient will:

- (a) comply with the land acquisition policies in 49 C.F.R. part 24, subpart B and will pay or reimburse property owners for necessary expenses as specified in that subpart;
- (b) provide a relocation assistance program offering the services described in 49 C.F.R. part 24, subpart C and provide reasonable relocation payments and assistance to displaced persons as required in 49 C.F.R. part 24, subparts D–E; and
- (c) make available to displaced persons comparable replacement dwellings in accordance with 49 C.F.R. part 24, subpart E.
- (d) provide to FRA a real estate acquisition and management plan prior to beginning real property acquisition if the Project is designated a Major Project in Article 1 of Attachment 2 of this Agreement, or if the total Project cost in Section 6.5 of Attachment 2 of this Agreement is greater than \$300 million and the Project is also receiving financial assistance from the Federal Transit Administration (FTA).

14.3 Use for Originally Authorized Purpose

The Recipient will ensure that property and equipment funded under this Agreement is used for the originally authorized purpose. If necessary to satisfy this obligation, the Recipient will enter into appropriate arrangements with the entity or entities using, or with the owner of right-of-way used by, the property and/or equipment funded under this Agreement.

14.4 Maintenance

The Recipient will ensure that any property, improvements to property, and any equipment funded under this Agreement are maintained in good working order and in accordance with FRA regulations, guidelines, and directives.

14.5 Real Property Disposition

In accordance with 2 C.F.R. § 200.311, when real property acquired or improved under this award is no longer used for its originally intended purpose, the Recipient will request disposition instructions from FRA.

14.6 Equipment Disposition

(a) In accordance with 2 C.F.R. §§ 200.313 and 1201.313, when equipment acquired under this award is no longer needed for the Project:

(1) if the entity that acquired the equipment is a State or a Subrecipient of a State, that entity will dispose of that equipment in accordance with State laws and procedures; and

(2) if the entity that acquired the equipment is neither a State nor a Subrecipient of a State, that entity will request disposition instructions from FRA.

(b) In accordance with 2 C.F.R. §200.443(d), the distribution of the proceeds from the disposition of equipment must be made in accordance with 2 C.F.R. §§ 200.313–200.316 and 2 C.F.R. § 1201.313.

14.7 Recordkeeping

The Recipient will keep records regarding the operation and maintenance of property, improvements to property, equipment, and supplies funded under this Agreement and will provide them to FRA upon request.

14.8 Encumbrance

The Recipient will not create an obligation, such as a transfer of title, lease, lien, mortgage, or encumbrance, that would dispose of or encumber the Recipient's title or other interest in property, improvements to property, equipment or supplies funded under this Agreement without prior written approval from FRA.

The Recipient will not take any action that would adversely affect FRA's interest or impair the Recipient's continuing control over the use of the property, improvements to property, equipment, or supplies funded under the Agreement without prior written approval from FRA.

ARTICLE 15: AMENDMENTS

15.1 Bilateral Amendments

The parties may amend, modify, or supplement this Agreement by mutual agreement in writing signed by FRA and the Recipient. Either party may request to amend, modify, or supplement this Agreement by written notice to the other party.

15.2 FRA Unilateral Amendments

(a) FRA may unilaterally amend this Agreement for the following reasons:

- (1) to comply with Federal law;
- (2) at closeout or in anticipation of closeout; and
- (3) other non-substantive changes, such as to correct typographical errors, as deemed appropriate by FRA.

(b) To unilaterally amend this Agreement under Section 15.3 of this Attachment 1, FRA will provide a written notice to the Recipient that includes the amendment and the date that the amendment is effective.

(c) Except at closeout or in anticipation of closeout, FRA may not unilaterally amend the Statement of Work, this Agreement's monetary amount, the delivery schedule, the Period of Performance, or other terms or conditions of this Agreement.

15.3 Other Amendments

The parties will not amend, modify, or supplement this Agreement except as permitted under Sections 15.1, 15.2, or 15.3 of this Attachment 1. If an amendment, modification, or supplement is not permitted under Section 15.1, 15.2, or 15.3 of this Attachment 1, it is void.

ARTICLE 16: CLIMATE CHANGE AND ENVIRONMENTAL JUSTICE

16.1 Climate Change and Environmental Justice

Consistent with Executive Order 14008, "Tackling the Climate Crisis at Home and Abroad" (Jan. 27, 2021), the Recipient will document its consideration of climate change and environmental justice impacts of the Project in Article 9 of Attachment 2 of this Agreement.

ARTICLE 17: RACIAL EQUITY AND BARRIERS TO OPPORTUNITY

17.1 Racial Equity and Barriers to Opportunity

Consistent with Executive Order 13985, "Advancing Racial Equity and Support for Underserved Communities Through the Federal Government" (Jan. 20, 2021), the Recipient will document its activities related to the Project to improve racial equity and reduce barriers to opportunity in Article 10 of Attachment 2 of this Agreement.

ARTICLE 18: LABOR AND WORK

18.1 Labor and Work

Consistent with Executive Order 14025, "Worker Organizing and Empowerment" (Apr. 26, 2021), and Executive Order 14052, "Implementation of the Infrastructure Investment and Jobs Act" (Nov. 15, 2021) (IIJA), the Recipient will document its consideration of job quality and labor rights, standards, and protections related to the Project in Article 11 of Attachment 2 of this Agreement.

18.2 OFCCP Mega Construction Project Program

If the total eligible Project costs listed in Attachment 2 of this Agreement are greater than \$35,000,000 and the Department of Labor’s Office of Federal Contract Compliance Programs (OFCCP) selects this award for participation in the Mega Construction Project Program, then the Recipient shall partner with OFCCP, as requested by OFCCP.

ARTICLE 19: CRITICAL INFRASTRUCTURE SECURITY AND RESILIENCE

19.1 Critical Infrastructure Security and Resilience

(a) Consistent with Presidential Policy Directive 21, “Critical Infrastructure Security and Resilience” (Feb. 12, 2013), and the National Security Presidential Memorandum on Improving Cybersecurity for Critical Infrastructure Control Systems (July 28, 2021), the Recipient will consider physical and cyber security and resilience in planning, design, and oversight of the Project.

(b) If the Security Risk Designation in Section 1.3 of Attachment 2 of this Agreement is “Elevated,” then not later than two years after the date of this Agreement the Recipient will submit to FRA a report that:

- (1) identifies a cybersecurity point of contact for the transportation infrastructure being improved in the Project;
- (2) summarizes or contains a cybersecurity incident reporting plan for the transportation infrastructure being improved in the Project;
- (3) summarizes or contains a cybersecurity incident response plan for the transportation infrastructure being improved in the Project;
- (4) documents the results of a self-assessment of the Recipient’s cybersecurity posture and capabilities; and
- (5) describes any additional actions that the Recipient has taken to consider or address cybersecurity risk of the transportation infrastructure being improved in the Project.

ARTICLE 20: FEDERAL FINANCIAL ASSISTANCE, ADMINISTRATIVE, AND NATIONAL POLICY REQUIREMENTS

20.1 Uniform Administrative Requirements for Federal Awards

The Recipient will comply, and will ensure that other entities receiving funding under this agreement will comply, with the obligations on non-Federal entities under 2 C.F.R. parts 200 and 1201, regardless of whether the Recipient or other entity receiving funding under this agreement is a Non-Federal entity as defined in 2 C.F.R. § 200.1, except that subpart F of part 200 does not apply if the Recipient or Subrecipient is a for-profit entity.

20.2 Federal Law and Public Policy Requirements

(a) The Recipient will ensure that Federal funding is expended in full accordance with the United States Constitution, Federal law, and statutory and public policy requirements: including but not limited to, those protecting free speech, religious liberty, public welfare, the environment, and prohibiting discrimination.

(b) The failure of this Agreement to expressly identify Federal law applicable to the Recipient or activities under this Agreement does not make that law inapplicable.

20.3 Federal Freedom of Information Act

(a) FRA is subject to the Freedom of Information Act (FOIA), 5 U.S.C. § 552.

(b) The Recipient acknowledges that the Application and materials submitted to FRA by the Recipient related to this Agreement will become FRA records that may be subject to public release under 5 U.S.C. § 552. If the Recipient submits any materials to FRA related to this Agreement that the Recipient considers to include trade secret or confidential commercial or financial information, the Recipient should note that the submission contains confidential business information, mark each affected page, and highlight or otherwise denote the portions of the submission that contain confidential business information.

20.4 History of Performance

Under 2 C.F.R. § 200.206, any Federal awarding agency may consider the Recipient's performance under this Agreement, when evaluating the risks of making a future Federal financial assistance award to the Recipient.

20.5 Whistleblower Protection

(a) The Recipient acknowledges that it is a "Recipient" within the scope of 41 U.S.C. § 4712, which prohibits the Recipient from taking certain actions against an employee for certain disclosures of information that the employee reasonably believes are evidence of gross mismanagement of this award, gross waste of Federal funds, or a violation of Federal law related this this award.

(b) The Recipient will inform its employees in writing of the rights and remedies provided under 41 U.S.C. § 4712, in the predominant native language of the workforce.

20.6 External Award Terms and Obligations

(a) In addition to this document and the contents described in Article 25 of this Attachment 1, this Agreement includes the following additional terms as integral parts:

- (1) Appendix A to 2 C.F.R. part 25: System for Award Management and Universal Identifier Requirements;
- (2) Appendix A to 2 C.F.R. part 170: Reporting Subawards and Executive Compensation;

- (3) 2 C.F.R. § 175.15(b): Trafficking in Persons; and
- (4) Appendix XII to 2 C.F.R. part 200: Award Term and Condition for Recipient Integrity and Performance Matters.

(b) The Recipient will comply with:

- (1) 49 C.F.R. part 20: New Restrictions on Lobbying;
- (2) 49 C.F.R. part 21: Nondiscrimination in Federally Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964;
- (3) 49 C.F.R. part 27: Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance; and
- (4) Subpart B of 49 C.F.R. part 32: Governmentwide Requirements for Drug-free Workplace (Financial Assistance).

20.7 Incorporated Certifications

The Recipient makes the representations in the following certifications, which are incorporated by reference:

- (a) Appendix A to 49 C.F.R. part 20 (Certification Regarding Lobbying).

ARTICLE 21: ASSIGNMENT

21.1 Assignment Prohibited

The Recipient will not transfer to any other entity any discretion granted under this Agreement, any right to satisfy a condition under this Agreement, any remedy under this Agreement, or any obligation imposed under this Agreement.

ARTICLE 22: WAIVER

22.1 Waivers

- (a) A waiver of a term of this Agreement authorized by law and granted by FRA will not be effective unless it is in writing and signed by an authorized representative of FRA.
- (b) A waiver of a term of this Agreement granted by FRA on one occasion will not operate as a waiver on other occasions.
- (c) If FRA fails to require strict performance of a term of this Agreement, fails to exercise a remedy for a breach of this Agreement, or fails to reject a payment during a breach of this Agreement, that failure does not constitute a waiver of that term or breach.

ARTICLE 23: ADDITIONAL TERMS AND CONDITIONS

23.1 Disclaimer of Federal Liability

FRA will not be responsible or liable for any damage to property or any injury to persons that may arise from, or be incident to, performance or compliance with this Agreement.

23.2 Environmental Review

(a) Except as authorized by law or under 23 C.F.R. § 771.113(d)(4), the Recipient will not begin final design activities; acquire real property, construction materials, or equipment, including rolling stock; begin construction; or take other actions that would have an adverse environmental impact or limit the choice of reasonable alternatives for the Project unless and until FRA complies with the National Environmental Policy Act, 42 U.S.C. § 4321 et seq. (NEPA), and any other applicable environmental laws and regulations. In addition, the Recipient will not begin project development that involves ground disturbing activity prior to FRA compliance with NEPA and any other applicable environmental laws and regulations.

(b) The Recipient acknowledges that:

(1) FRA's actions under Section 23.2(a) of this Attachment 1 may depend on the Recipient conducting necessary environmental analyses and submitting necessary documents to FRA; and

(2) applicable environmental statutes and regulations may require the Recipient to prepare and submit documents to other Federal, State, and local agencies.

(c) Consistent with 23 C.F.R. § 771.105(a), to the maximum extent practicable and consistent with Federal law, the Recipient will coordinate all environmental investigations, reviews, and consultations as a single process.

(f) The activities described in Article 4 of Attachment 2 of this Agreement and other information described in this Agreement may inform environmental decision-making processes, but the parties do not intend this Agreement to document the alternatives under consideration under those processes. If a build alternative is selected that does not align with Article 4 of Attachment 2 of this Agreement or other information in this Agreement, then FRA will either:

(1) amend this Agreement under Section 15.1 of this Attachment 1 for consistency with the selected build alternative; or

(2) if FRA determines that the condition at Section 10.1(a)(5) of this Attachment 1 is satisfied, terminate this Agreement under Section 10.1(a)(5) of this Attachment 1; or

(3) take other action as deemed appropriate by FRA.

(g) The Recipient will complete any mitigation activities described in the environmental document or documents for the Project, including the terms and conditions contained in the required permits and authorizations for the Project. Article 4 of Attachment 2 of this Agreement identifies documents describing mitigation activities, but the absence of a document from that section does not relieve the Recipient of any compliance obligations.

23.3 Project Maintenance Requirement

The Recipient will ensure that any property and equipment funded within this Agreement is operated and maintained in good operating order and in accordance with 2 C.F.R. §§ 200.310–200.316, 1201.313 and any guidelines, directives, or regulations that FRA may issue.

23.4 Appropriations Act Requirements

The Recipient will comply with applicable requirements of the appropriations act identified in Section 6.3 of Attachment 2 of this Agreement.

23.5 Standards of Conduct

The Recipient will comply with the following standards of conduct:

(a) Standards of Conduct. The Recipient will maintain a written code or standards of conduct governing the performance of its officers, employees, board members, or agents engaged in the award and administration of contracts or agreements supported by the Federal contribution provided through this Agreement. The code or standards will provide that the Recipient's officers, employees, board members, or agents may neither solicit nor accept gratuities, favors, or anything of monetary value from present or potential Subrecipients or contractors. The Recipient may set minimum rules where the financial interest is not substantial, or the gift is an unsolicited item of nominal intrinsic value. As permitted by state or local law or regulations, such code or standards will provide for penalties, sanctions, or other disciplinary actions for violations by the Recipient's officers, employees, board members, or agents, or by Subrecipients or their agents.

(b) Personal Conflict of Interest. The Recipient's code or standards must provide that no employee, officer, board member, or agent of the Recipient may participate in the selection, award, or administration of a contract supported by the Federal contribution if a real or apparent conflict of interest would be involved. Such a conflict of interest would arise when the employee, officer, or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of the parties indicated herein, has a financial or other interest in or a tangible personal benefit from a firm considered for a contract.

(c) Organizational Conflicts of Interest. The Recipient's code or standards of conduct must include procedures for identifying and preventing real and apparent organizational conflicts of interests. An organizational conflict of interest exists when the nature of the work to be performed under a proposed contract, may, without some restrictions on future activities, result in an unfair competitive advantage to the contractor or impair the contractor's objectivity in performing the contract work.

(d) Existing Codes or Standards. This Section does not require the Recipient to implement a new code or standards of conduct where a state statute, or written code or standards of conduct, already effectively covers all of the required elements.

(e) Disclosure of Conflicts. The Recipient will disclose in writing any potential conflict of interest to FRA or pass-through entity.

23.6 Changed Conditions of Performance

The Recipient will notify FRA of any event that may affect its ability to perform the Project in accordance with the terms of this Agreement.

23.7 Litigation

The Recipient will notify FRA in writing of any decision pertaining to the Recipient's conduct of litigation that may affect FRA's interests in the Project or FRA's administration or enforcement of applicable Federal laws or regulations. The Recipient will inform FRA in writing before naming FRA as a party to any type of litigation for any reason in any forum.

23.8 Bipartisan Infrastructure Law Signage Guidelines

For projects funded by the Bipartisan Infrastructure Law, also known as the Infrastructure Investment and Jobs Act, Pub. L. No. 117-58 (2021), the Recipient will ensure:

(a) signage is designed consistent with the guidelines and design specifications available at <https://www.whitehouse.gov/wp-content/uploads/2022/08/Building-A-Better-America-Brand-Guide.pdf>. Signs should include the official Building A Better America emblem and corresponding logomark and identify the project as "funded by President Biden's Bipartisan Infrastructure Law."

(b) signage displays the FRA logo and the Recipient logo, if any, along with the official Building A Better America emblem. The FRA logo should not be displayed in a manner that implies FRA itself is conducting the project.

(c) where applicable, the signage includes the project name (e.g., [Name of] Project funded by President Biden's Bipartisan Infrastructure Law.)

(d) the sign is placed at construction sites where it is clearly visible near the location of work and that the sign is maintained in good condition throughout the construction period.

(e) signs on equipment are placed in an easily visible location and maintained in good condition

23.9 Equipment and Supplies

The Recipient will maintain written policies and procedures that address acquisition, classification, and management of all equipment and supplies acquired or used under this award.

23.10 Safety and Technology Data

The Recipient will ensure that FRA has access to safety and technology relevant data generated by the Recipient under the award, in a machine-readable format, where specified in Article 4 of Attachment 2 of this Agreement.

23.11 Intellectual Property

The Recipient agrees to the standard patent rights clauses issued by the Department of Commerce at 37 C.F.R. § 404.14, as applicable.

23.12 Liquidation of Recipient Obligations

(a) The Recipient will liquidate all obligations of award funds under this Agreement not later than 120 days after the end of the Period of Performance.

(b) Liquidation of obligations and adjustment of costs under this Agreement follow the requirements of 2 C.F.R. §§ 200.344–200.346.

ARTICLE 24: CONSTRUCTION AND DEFINITIONS

24.1 Agreement

This Agreement consists of the following:

- (a) Agreement Cover Sheet
- (b) Attachment 1: General Terms and Conditions
- (c) Attachment 2: Project-Specific Terms and Conditions
- (d) Exhibit A: Applicable Federal Laws and Regulations
- (e) Exhibit B: Additional Standard Terms
- (f) Exhibit C: Quarterly Project Progress Reports and Recertifications

24.2 Construction

(a) In these General Terms and Conditions, there are no references to articles or sections in project-specific portions of this Agreement that are not contained in Attachments or Exhibits listed in Section 24.1.

(b) If a provision in these General Terms and Conditions or the Exhibits conflicts with a provision in the Project-Specific Terms and Conditions in Attachment 2 of this Agreement, then the relevant portion in Attachment 2 prevails. If a provision in the Exhibits conflicts with a provision in these General Terms and Conditions, then the provision in these General Terms and Conditions prevails.

24.3 Integration

This Agreement constitutes the entire agreement of the parties relating to the Project and supersedes any previous agreements, oral or written, relating to the Project.

24.4 Definitions

This Section defines terms used in this Agreement. Additional definitions found in 2 C.F.R. § 200.1 are incorporated by referenced into this Agreement.

“Agreement Federal Funds” means the total amount of Federal funds obligated under this Agreement. This is the amount shown in Section 6.1 of Attachment 2 of this Agreement.

“Application” means the application identified in Article 3 of Attachment 2 of this Agreement, including Standard Form 424 and all information and attachments submitted with that form through Grants.gov.

“Construction Substantial Completion” means the stage of the Project when all construction tasks are complete such that the Recipient can use the Project for its intended use and only closeout activities remain. Activity to address or complete closeout activities will not prevent or disrupt use of the Project.

“Contingent Commitment” means the unobligated amounts of future available budget authority specified in law that FRA commits to obligate under the terms of this Agreement.

“Federal Share” means the sum of Agreement Federal Funds and Other Federal Funds. If there are no Other Federal Funds, the Federal Share is the same as the Agreement Federal Funds.

“General Terms and Conditions” means this Attachment 1.

“Other Federal Funds” means Federal funds that are part of the Approved Project Budget in Section 6.5 of Attachment 2 of this Agreement for the Project but are not obligated under this Agreement.

“Project” means the project proposed in the Application, as modified by the negotiated provisions of this Agreement, including Attachment 2 of this Agreement.

“Project Closeout” means the date that FRA notifies the Recipient that the award is closed out. Under 2 C.F.R. § 200.344, Project Closeout should occur no later than one year after the end of the Period of Performance.

“Project Cost Savings” means the difference between the actual costs to complete the Project and the estimated total Project cost listed in Section 6.5 of Attachment 2 of this Agreement, if after the Recipient completes the tasks identified in Article 4 of Attachment 2 of this Agreement to FRA’s satisfaction, the actual Project costs are less than the estimated total Project costs.

“Rural Area” means any area that is not within an area designated as an urbanized area by the Bureau of the Census.



24.5 Calendar Dates

Unless otherwise specified, all dates and durations are in calendar days, calendar quarters, or calendar years, as appropriate.

24.6 Communication in Writing

Unless otherwise specified, all written communication may be provided by electronic mail.

ARTICLE 25: AGREEMENT EXECUTION AND EFFECTIVE DATE

25.1 Counterparts

This agreement may be executed in counterparts, which constitute one document. The parties intend each countersigned original to have identical legal effect.

25.2 Effective Date

The agreement will become effective when all parties have signed it. The date of this Agreement will be the date this Agreement is signed by the last party to sign it.

ARTICLE 26: PROGRAM-SPECIFIC CLAUSES

26.1 Interstate Rail Compacts Grant Program

The Recipient agrees to comply with the clauses in Section 26.1 of this Attachment 1.

Consistent with 49 U.S.C. § 22905(e), clauses (b) through (g) of Section 26.1 of this Attachment 1 do not apply to: 1) commuter rail passenger transportation (as defined in 49 U.S.C. § 24102(3)) operations of a State or local government authority (as those terms are defined in 49 U.S.C. § 5302) or its contractor performing services in connection with commuter rail passenger operations; 2) the Alaska Railroad or its contractors; or 3) Amtrak's access rights to railroad right of way and facilities under current law.

(a) Non-Federal Match. The Recipient will provide a Non-Federal match of not less than 50 percent of the eligible expenses under the grant.

(b) Buy America. In lieu of Section 12.1 of this Attachment 1, the Recipient will comply with the following clauses, as applicable:

(1) for infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The Recipient acknowledges that this agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2). For infrastructure projects, construction materials used in the Project are subject to the domestic preference requirement at § 70914 of the Build America, Buy America Act, Pub. L. No. 117-58, div. G, tit. IX, subtit. A, 135 Stat. 429, 1298 (2021) and 2 C.F.R. part 184, as implemented by OMB, USDOT and FRA. The Recipient acknowledges that this agreement is neither a waiver of § 70914(a) nor a finding under § 70914(b).

(2) for non-infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The Recipient acknowledges that this agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2).

(3) under Section 26.1 of this Attachment 1, “infrastructure project” has the definition provided in 2 C.F.R. § 184.3.

(4) for all projects, as appropriate and to the extent consistent with law, the Recipient should under 2 C.F.R. § 200.322, to the greatest extent practicable under this award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. The Recipient shall include the requirements of 2 C.F.R. § 200.322 in all subawards including all contracts and purchase orders for work or products under this award.

(c) Operators Deemed Rail Carriers. The Recipient recognizes and agrees that 49 U.S.C. § 22905(b) provides that persons conducting rail operations over rail infrastructure constructed or improved in whole or in part with funds provided under chapter 229 of Title 49, United States Code, will be considered a “rail carrier” as defined by 49 U.S.C. § 10102(5), for purposes of Title 49, United States Code, and any other statute that adopts that definition or in which that definition applies, including: the Railroad Retirement Act of 1974 (45 U.S.C. § 231 et seq.); the Railway Labor Act (45 U.S.C. § 151 et seq.); and the Railroad Unemployment Insurance Act (45 U.S.C. § 351 et seq.). The Recipient agrees to reflect this provision in its agreements (if any) with any entity operating rail services over such rail infrastructure.

(d) Railroad Agreements. In accordance with 49 U.S.C. § 22905(c)(1), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then Recipient represents that it has entered into a written agreement with that railroad owner, which includes: compensation for such use; assurances regarding the adequacy of infrastructure capacity to accommodate both existing and future freight and passenger operations; an assurance by the railroad that collective bargaining agreements with railroad’s employees (including terms regulating the contracting of work) will remain in full force and effect according to their terms for work performed by the railroad on the railroad transportation corridor; and an assurance that Recipient complies with liability requirements consistent with 49 U.S.C. § 28103.

By signing this Agreement, Recipient certifies that the written agreement referenced in this Section 26.1(d) has been executed or is not required.

Additional guidance on compliance with the Railroad Agreements provisions is available on FRA’s website at: <https://railroads.dot.gov/elibrary/frequently-asked-questions-about-rail-improvement-grant-conditions-under-49-usc-ss-22905c1>.

(e) Labor Protective Arrangements. In accordance with 49 U.S.C. § 22905(c)(2)(B), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then the Recipient will ensure compliance with the protective arrangements that are equivalent to

those established under Section 504 of the Railroad Revitalization and Regulatory Reform Act of 1976, 49 U.S.C. § 22404. Such protective arrangements are included herein as Exhibit B.5.

(f) Davis-Bacon and Related Acts Provisions. In accordance with 49 U.S.C. § 22905(c)(2)(A), if the Project funded by this Agreement uses rights-of-way owned by a railroad, the Recipient will ensure compliance with the standards of 49 U.S.C. § 24312 with respect to the Project in the same manner that Amtrak is required to comply with those standards for construction work financed under an agreement made under 49 U.S.C. § 24308(a). For these purposes, wages in collective bargaining agreements negotiated under the Railway Labor Act are deemed to comply with Davis-Bacon Act requirements.

(g) Replacement of Existing Intercity Passenger Rail Service. If an intercity passenger rail transportation provider replaces Amtrak intercity passenger rail service through a Project funded by this Agreement, then such provider must comply with the provisions of 49 U.S.C. § 22905(d).

(h) Operator Limitation. Recipient's eligible expenses must be related to intercity passenger rail service to be operated by Amtrak.

(i) Reporting. As requested by FRA, the Recipient will report on:

- (1) the status of the planning efforts and coordination funded by the grant award;
- (2) plans for continued implementation of the interstate rail compact;
- (3) the status of, and data regarding, any new, restored, or enhanced rail services initiated under the interstate rail compact; and
- (4) other data and information as requested by FRA.

26.2 Railroad Crossing Elimination Program Clauses

The Recipient agrees to comply with the clauses in Section 26.2 of this Attachment 1.

Consistent with 49 U.S.C. §§ 22905(e) & 22909(j), clauses (b), (c), (d), and (g) of Section 26.2 of this Agreement 1 do not apply to: 1) commuter rail passenger transportation (as defined in 49 U.S.C. § 24102(3)) operations of a State or local government authority (as those terms are defined in 49 U.S.C. § 5302) or its contractor performing services in connection with commuter rail passenger operations; 2) the Alaska Railroad or its contractors; or 3) Amtrak's access rights to railroad right of way and facilities under current law. In addition, clause (f) does not apply to: 1) the Alaska Railroad or its contractors; or 2) Amtrak's access rights to railroad right of way and facilities under current law.

(a) Federal Share. The Federal Share of total Project costs shall not exceed 80 percent.

(b) Buy America. In lieu of Section 12.1 of this Agreement 1:

(1) for infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The Recipient acknowledges that this Agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2). For infrastructure projects, construction materials used in the Project are subject to the domestic preference requirement at § 70914 of the Build America, Buy America Act, Pub. L. No. 117-58, div. G, tit. IX, subtit. A, 135 Stat. 429, 1298 (2021) and 2 C.F.R. part 184, as implemented by OMB, USDOT and FRA. The Recipient acknowledges that this Agreement is neither a waiver of § 70914(a) nor a finding under § 70914(b).

(2) for non-infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The Recipient acknowledges that this Agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2).

(3) under this Section, “infrastructure project” has the definition provided in 2 C.F.R. § 184.3.

(4) for all projects, as appropriate and to the extent consistent with law, the Recipient should under 2 C.F.R. § 200.322, to the greatest extent practicable under this award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. The Recipient shall include the requirements of 2 C.F.R. § 200.322 in all subawards including all contracts and purchase orders for work or products under this award.

(c) Operators Deemed Rail Carriers. The Recipient recognizes and agrees that 49 U.S.C. § 22905(b) provides that persons conducting rail operations over rail infrastructure constructed or improved in whole or in part with funds provided under chapter 229 of Title 49, United States Code, will be considered a “rail carrier” as defined by 49 U.S.C. § 10102(5), for purposes of Title 49, United States Code, and any other statute that adopts that definition or in which that definition applies, including: the Railroad Retirement Act of 1974 (45 U.S.C. § 231 et seq.); the Railway Labor Act (45 U.S.C. § 151 et seq.); and the Railroad Unemployment Insurance Act (45 U.S.C. § 351 et seq.). The Recipient agrees to reflect this provision in its agreements (if any) with any entity operating rail services over such rail infrastructure.

(d) Railroad Agreements. In accordance with 49 U.S.C. § 22905(c)(1), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then Recipient represents that it has entered into a written agreement with that railroad owner, which includes: compensation for such use; assurances regarding the adequacy of infrastructure capacity to accommodate both existing and future freight and passenger operations; an assurance by the railroad that collective bargaining agreements with railroad’s employees (including terms regulating the contracting of work) will remain in full force and effect according to their terms for work performed by the railroad on the railroad transportation corridor; and an assurance that Recipient complies with liability requirements consistent with 49 U.S.C. § 28103.

By signing this Agreement, Recipient certifies that the written agreement referenced in this Section 26.2(d) has been executed or is not required.

Additional guidance on compliance with the Railroad Agreements provisions is available on FRA's website at: <https://railroads.dot.gov/elibrary/frequently-asked-questions-about-rail-improvement-grant-conditions-under-49-usc-ss-22905c1>.

(e) Impacted Rail Carrier or Real Property Owner Approvals. In accordance with 49 U.S.C. § 22909(e)(2)(A), prior to proceeding with the construction of the Project funded by this Agreement, if applicable, Recipient will obtain necessary approvals to commence construction from any impacted rail carriers or real property owners. If the Project is a planning project, as described in 49 U.S.C. § 22909(d)(6), the Recipient agrees to work collaboratively with rail carriers and right-of-way owners.

(f) Labor Protective Arrangements

(1) Notwithstanding 49 U.S.C. § 22905(e)(1), and in accordance with 49 U.S.C. § 22909(j)(3), any employee covered by the Railway Labor Act (45 U.S.C. § 151 et seq.) and the Railroad Retirement Act of 1974 (45 U.S.C. § 231 et seq.) who is adversely affected by actions taken in connection with the project financed in whole or in part by such grant shall be covered by employee protective arrangements required to be established under 49 U.S.C. § 22905(c)(2)(B). In accordance with 49 U.S.C. § 22905(c)(2)(B), the Recipient will ensure compliance with the protective arrangements that are equivalent to those established under Section 504 of the Railroad Revitalization and Regulatory Reform Act of 1976, 49 U.S.C. § 22404, as such protective arrangements are described in the final FRA guidance titled Equivalent Protections for Railroad Employees and effective December 28, 2022, included herein in Exhibit B.

(2) In accordance with 49 U.S.C. § 22909(j)(3), Recipient, and any successors, assigns, and contractors of Recipient:

- i. shall be bound by the employee protective arrangements required under subparagraph (1); and
- ii. shall be responsible for the implementation of such arrangements and for the obligations under such arrangements, but may arrange for another entity to take initial responsibility for compliance with the conditions of such arrangement.

(3) Labor protections required pursuant to Subsection (f) of Section 26.2 of this Attachment 1 shall be documented consistent with Article 18 of this Attachment 1.

(g) Davis-Bacon and Related Acts Provisions. In accordance with 49 U.S.C. § 22905(c)(2)(A), if the Project funded by this Agreement uses rights-of-way owned by a railroad, the Recipient will ensure compliance with the standards of 49 U.S.C. § 24312 with respect to the Project in the same manner that Amtrak is required to comply with

those standards for construction work financed under an agreement made under 49 U.S.C. § 24308(a). For these purposes, wages in collective bargaining agreements negotiated under the Railway Labor Act are deemed to comply with Davis-Bacon Act requirements.

(h) Replacement of Existing Intercity Passenger Rail Service. If an intercity passenger rail transportation provider replaces Amtrak intercity passenger rail service through a Project funded by this Agreement, then such provider must comply with the provisions of 49 U.S.C. § 22905(d).

26.3 Consolidated Rail Infrastructure and Safety Improvements Grants Clauses

The Recipient agrees to comply with the clauses in Section 26.3 of this Attachment 1.

Consistent with 49 U.S.C. § 22905(e), clauses (b) and (c) through (g) of Section 26.3 of this Attachment 1 do not apply to: 1) commuter rail passenger transportation (as defined in 49 U.S.C. § 24102(3)) operations of a State or local government authority (as those terms are defined in 49 U.S.C. § 5302) or its contractor performing services in connection with commuter rail passenger operations; 2) the Alaska Railroad or its contractors; or 3) Amtrak's access rights to railroad right of way and facilities under current law.

(a) Federal Share. The Federal Share of total Project costs shall not exceed 80 percent.

(b) Buy America. In lieu of Section 12.1 of this Attachment 1:

(1) for infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The Recipient acknowledges that this Agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2). For infrastructure projects, construction materials used in the Project are subject to the domestic preference requirement at § 70914 of the Build America, Buy America Act, Pub. L. No. 117-58, div. G, tit. IX, subtit. A, 135 Stat. 429, 1298 (2021) and 2 C.F.R. part 184, as implemented by OMB, USDOT and FRA. The Recipient acknowledges that this Agreement is neither a waiver of § 70914(a) nor a finding under § 70914(b).

(2) for non-infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The Recipient acknowledges that this Agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2).

(3) under this Section, "infrastructure project" has the definition provided in 2 C.F.R. § 184.3.

(4) for all projects, as appropriate and to the extent consistent with law, the Recipient should under 2 C.F.R. § 200.322, to the greatest extent practicable under this award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. The Recipient shall

include the requirements of 2 C.F.R. § 200.322 in all subawards including all contracts and purchase orders for work or products under this award.

(c) Operators Deemed Rail Carriers. The Recipient recognizes and agrees that 49 U.S.C. § 22905(b) provides that persons conducting rail operations over rail infrastructure constructed or improved in whole or in part with funds provided under chapter 229 of Title 49, United States Code, will be considered a “rail carrier” as defined by 49 U.S.C. § 10102(5), for purposes of Title 49, United States Code, and any other statute that adopts that definition or in which that definition applies, including: the Railroad Retirement Act of 1974 (45 U.S.C. § 231 et seq.); the Railway Labor Act (45 U.S.C. § 151 et seq.); and the Railroad Unemployment Insurance Act (45 U.S.C. § 351 et seq.). The Recipient agrees to reflect this provision in its agreements (if any) with any entity operating rail services over such rail infrastructure.

(d) Railroad Agreements. In accordance with 49 U.S.C. § 22905(c)(1), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then Recipient represents that it has entered into a written agreement with that railroad owner, which includes: compensation for such use; assurances regarding the adequacy of infrastructure capacity to accommodate both existing and future freight and passenger operations; an assurance by the railroad that collective bargaining agreements with railroad’s employees (including terms regulating the contracting of work) will remain in full force and effect according to their terms for work performed by the railroad on the railroad transportation corridor; and an assurance that Recipient complies with liability requirements consistent with 49 U.S.C. § 28103.

By signing this Agreement, Recipient certifies that the written agreement referenced in this Section 26.3(d) has been executed or is not required.

Additional guidance on compliance with the Railroad Agreements provisions is available on FRA’s website at: <https://railroads.dot.gov/elibrary/frequently-asked-questions-about-rail-improvement-grant-conditions-under-49-usc-ss-22905c1>.

(e) Labor Protective Arrangements. In accordance with 49 U.S.C. § 22905(c)(2)(B), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then the Recipient will ensure compliance with the protective arrangements that are equivalent to those established under Section 504 of the Railroad Revitalization and Regulatory Reform Act of 1976, 49 U.S.C. § 22404. Such protective arrangements are included herein as Exhibit B.5.

(f) Davis-Bacon and Related Acts Provisions. In accordance with 49 U.S.C. § 22905(c)(2)(A), if the Project funded by this Agreement uses rights-of-way owned by a railroad, the Recipient will ensure compliance with the standards of 49 U.S.C. § 24312 with respect to the Project in the same manner that Amtrak is required to comply with those standards for construction work financed under an agreement made under 49 U.S.C. § 24308(a). For these purposes, wages in collective bargaining agreements

negotiated under the Railway Labor Act are deemed to comply with Davis-Bacon Act requirements.

(g) Replacement of Existing Intercity Passenger Rail Service. If an intercity passenger rail transportation provider replaces Amtrak intercity passenger rail service through a Project funded by this Agreement, then such provider must comply with the provisions of 49 U.S.C. § 22905(d).

26.4 Restoration and Enhancement Grants Clauses

The Recipient agrees to comply with the clauses in Section 26.4 of this Attachment 1.

Consistent with 49 U.S.C. § 22905(e), clauses (b) and (c) through (g) of Section 26.4 do not apply to: 1) commuter rail passenger transportation (as defined in 49 U.S.C. § 24102(3)) operations of a State or local government authority (as those terms are defined in 49 U.S.C. § 5302) or its contractor performing services in connection with commuter rail passenger operations; 2) the Alaska Railroad or its contractors; or 3) Amtrak's access rights to railroad right-of-way and facilities under current law.

(a) Maximum Funding Limitation. A grant authorized by 49 U.S.C. § 22908 may not exceed:

- (1) 90 percent of the projected net operating costs for the first year of service;
- (2) 80 percent of the projected net operating costs for the second year of service;
- (3) 70 percent of the projected net operating costs for the third year of service;
- (4) 60 percent of the projected net operating costs for the fourth year of service;
- (5) 50 percent of the projected net operating costs for the fifth year of service;
- and
- (6) 30 percent of the projected net operating costs for the sixth year of service.

(b) Buy America. In lieu of Section 12.1 of this Agreement 1:

- (1) for infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The Recipient acknowledges that this Agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2). For infrastructure projects, construction materials used in the Project are subject to the domestic preference requirement at § 70914 of the Build America, Buy America Act, Pub. L. No. 117-58, div. G, tit. IX, subtit. A, 135 Stat. 429, 1298 (2021) and 2 C.F.R. part 184, as implemented by OMB, USDOT, and FRA. The Recipient acknowledges that this Agreement is neither a waiver of § 70914(a) nor a finding under § 70914(b).
- (2) for non-infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The

Recipient acknowledges that this Agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2).

(3) under Section 26.4 of this Attachment 1, “infrastructure project” has the definition provided in 2 C.F.R. § 184.3.

(4) for all projects, as appropriate and to the extent consistent with law, the Recipient should under 2 C.F.R. § 200.322, to the greatest extent practicable under this award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. The Recipient shall include the requirements of 2 C.F.R. § 200.322 in all subawards including all contracts and purchase orders for work or products under this award.

(c) Operators Deemed Rail Carriers. The Recipient recognizes and agrees that 49 U.S.C. § 22905(b) provides that persons conducting rail operations over rail infrastructure constructed or improved in whole or in part with funds provided under chapter 229 of Title 49, United States Code, will be considered a “rail carrier” as defined by 49 U.S.C. § 10102(5), for purposes of Title 49, United States Code, and any other statute that adopts that definition or in which that definition applies, including: the Railroad Retirement Act of 1974 (45 U.S.C. § 231 et seq.); the Railway Labor Act (45 U.S.C. § 151 et seq.); and the Railroad Unemployment Insurance Act (45 U.S.C. § 351 et seq.). The Recipient agrees to reflect this provision in its agreements (if any) with any entity operating rail services over such rail infrastructure.

(d) Railroad Agreements. In accordance with 49 U.S.C. § 22905(c)(1), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then Recipient represents that it has entered into a written agreement with that railroad owner, which includes: compensation for such use; assurances regarding the adequacy of infrastructure capacity to accommodate both existing and future freight and passenger operations; an assurance by the railroad that collective bargaining agreements with railroad’s employees (including terms regulating the contracting of work) will remain in full force and effect according to their terms for work performed by the railroad on the railroad transportation corridor; and an assurance that Recipient complies with liability requirements consistent with 49 U.S.C. § 28103.

By signing this Agreement, Recipient certifies that the written agreement referenced in this Section 26.4(d) has been executed or is not required.

Additional guidance on compliance with the Railroad Agreements provisions is available on FRA’s website at: <https://railroads.dot.gov/elibrary/frequently-asked-questions-about-rail-improvement-grant-conditions-under-49-usc-ss-22905c1>.

(e) Labor Protective Arrangements. In accordance with 49 U.S.C. § 22905(c)(2)(B), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then the Recipient will ensure compliance with the protective arrangements that are equivalent to those established under Section 504 of the Railroad Revitalization and Regulatory Reform

Act of 1976, 49 U.S.C. § 22404. Such protective arrangements are included herein as Exhibit B.5.

(f) Davis-Bacon and Related Acts Provisions. In accordance with 49 U.S.C. § 22905(c)(2)(A), if the Project funded by this Agreement uses rights-of-way owned by a railroad, the Recipient will ensure compliance with the standards of 49 U.S.C. § 24312 with respect to the Project in the same manner that Amtrak is required to comply with those standards for construction work financed under an agreement made under 49 U.S.C. § 24308(a). For these purposes, wages in collective bargaining agreements negotiated under the Railway Labor Act are deemed to comply with Davis-Bacon Act requirements.

(g) Replacement of Existing Intercity Passenger Rail Service. If an intercity passenger rail transportation provider replaces Amtrak intercity passenger rail service through a Project funded by this Agreement, then such provider must comply with the provisions of 49 U.S.C. § 22905(d).

(h) Route Reporting. The Recipient will provide similar information regarding the route performance, financial, and ridership projections, and capital and business plans that Amtrak is required to provide, and such other data and information as is required by Article 4 of Attachment 2 of this Agreement.

(i) Termination. In addition to the terms of this Attachment 1, FRA may terminate this Agreement upon the cessation of service, or the violation of any other term of this Agreement.

26.5 Federal-State Partnership for Intercity Passenger Rail and Federal-State Partnership for State of Good Repair Clauses

The Recipient agrees to comply with the clauses in Section 26.5 of this Attachment 1.

Consistent with 49 U.S.C. § 22905(e), clauses (b) through (g) of Section 26.5 of this Attachment 1 do not apply to: 1) commuter rail passenger transportation (as defined in 49 U.S.C. § 24102(3)) operations of a State or local government authority (as those terms are defined in 49 U.S.C. § 5302) or its contractor performing services in connection with commuter rail passenger operations; 2) the Alaska Railroad or its contractors; or 3) Amtrak's access rights to railroad right of way and facilities under current law.

(a) Federal Share. The Federal Share of total Project costs shall not exceed 80 percent.

(b) Buy America. In lieu of Section 12.1 of this Attachment 1:

(1) for infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The Recipient acknowledges that this Agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2). For infrastructure projects, construction materials used in the Project are subject to the domestic preference requirement at § 70914 of the Build America, Buy America Act, Pub. L. No. 117-58,

div. G, tit. IX, subtit. A, 135 Stat. 429, 1298 (2021) and 2 C.F.R. part 184, as implemented by OMB, USDOT and FRA. The Recipient acknowledges that this Agreement is neither a waiver of § 70914(a) nor a finding under § 70914(b).

(2) for non-infrastructure projects, steel, iron, and manufactured products used in the Project are subject to 49 U.S.C. § 22905(a), as implemented by FRA. The Recipient acknowledges that this Agreement is neither a waiver of 49 U.S.C. § 22905(a)(1) nor a finding under 49 U.S.C. § 22905(a)(2).

(3) under this Section, “infrastructure project” has the definition provided in 2 C.F.R. § 184.3.

(4) for all projects, as appropriate and to the extent consistent with law, the Recipient should under 2 C.F.R. § 200.322, to the greatest extent practicable under this award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. The Recipient shall include the requirements of 2 C.F.R. § 200.322 in all subawards including all contracts and purchase orders for work or products under this award.

(c) Operators Deemed Rail Carriers. The Recipient recognizes and agrees that 49 U.S.C. § 22905(b) provides that persons conducting rail operations over rail infrastructure constructed or improved in whole or in part with funds provided under chapter 229 of Title 49, United States Code, will be considered a “rail carrier” as defined by 49 U.S.C. § 10102(5), for purposes of Title 49, United States Code, and any other statute that adopts that definition or in which that definition applies, including: the Railroad Retirement Act of 1974 (45 U.S.C. § 231 et seq.); the Railway Labor Act (45 U.S.C. § 151 et seq.); and the Railroad Unemployment Insurance Act (45 U.S.C. § 351 et seq.). The Recipient agrees to reflect this provision in its agreements (if any) with any entity operating rail services over such rail infrastructure.

(d) Railroad Agreements. In accordance with 49 U.S.C. § 22905(c)(1), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then Recipient represents that it has entered into a written agreement with that railroad owner, which includes: compensation for such use; assurances regarding the adequacy of infrastructure capacity to accommodate both existing and future freight and passenger operations; an assurance by the railroad that collective bargaining agreements with railroad’s employees (including terms regulating the contracting of work) will remain in full force and effect according to their terms for work performed by the railroad on the railroad transportation corridor; and an assurance that Recipient complies with liability requirements consistent with 49 U.S.C. § 28103.

By signing this Agreement, Recipient certifies that the written agreement referenced in this Section 26.5(d) has been executed or is not required.

Additional guidance on compliance with the Railroad Agreements provisions is available on FRA’s website at: <https://railroads.dot.gov/elibrary/frequently-asked-questions-about-rail-improvement-grant-conditions-under-49-usc-ss-22905c1>.



(e) Labor Protective Arrangements. In accordance with 49 U.S.C. § 22905(c)(2)(B), if the Project funded by this Agreement uses rights-of-way owned by a railroad, then the Recipient will ensure compliance with the protective arrangements that are equivalent to those established under Section 504 of the Railroad Revitalization and Regulatory Reform Act of 1976, 49 U.S.C. § 22404. Such protective arrangements are included herein as Exhibit B.5.

(f) Davis-Bacon and Related Acts Provisions. In accordance with 49 U.S.C. § 22905(c)(2)(A), if the Project funded by this Agreement uses rights-of-way owned by a railroad, the Recipient will ensure compliance with the standards of 49 U.S.C. § 24312 with respect to the Project in the same manner that Amtrak is required to comply with those standards for construction work financed under an agreement made under 49 U.S.C. § 24308(a). For these purposes, wages in collective bargaining agreements negotiated under the Railway Labor Act are deemed to comply with Davis-Bacon Act requirements.

(g) Replacement of Existing Intercity Passenger Rail Service. If an intercity passenger rail transportation provider replaces Amtrak intercity passenger rail service through a Project funded by this Agreement, then such provider must comply with the provisions of 49 U.S.C. § 22905(d).

(h) Northeast Corridor Cost Allocation. For projects located on the Northeast Corridor, as that term is defined in 49 U.S.C. § 24911(a)(4), Amtrak and the public authorities providing commuter rail passenger transportation at the Project location on the Northeast Corridor must remain in compliance with 49 U.S.C. § 24905(c)(2).

(i) Interest and Financing Costs. Pursuant to 49 U.S.C. § 24911(g)(2), interest and other financing costs of efficiently carrying out a part of the Project within a reasonable time are a cost of carrying out the Project under a Phased Funding Agreement, except that eligible costs may not be more than the cost of the most favorable financing terms reasonably available for the Project at the time of borrowing. The Recipient will certify to FRA's satisfaction that the Recipient has shown reasonable diligence in seeking the most favorable financing terms.

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Attachment 2

PROJECT-SPECIFIC
TERMS AND CONDITIONS

Project-Specific Terms and Conditions

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ARTICLE 1: PROJECT-SPECIFIC DESIGNATIONS

1.1 Recipient

This Agreement (Agreement) is between the Federal Railroad Administration (FRA) and the City of Palo Alto (the Recipient).

1.2 Project and Purpose

The purpose of this award is to fund a Fiscal Year (FY) 2022 Rail Crossing Elimination Program grant for the Grade Separation Project at Churchill Avenue, Meadow Drive and Charleston Road (the Project), as described in Article 4 of this Attachment 2, to help achieve the goals identified in the Notice of Funding Opportunity for Grade Separation for Elimination of Rail Crossings, Program Description section of Notice of Funding Opportunity,¹ that solicited applications for Federal financial assistance. FRA and the Recipient will accomplish that purpose by timely completing the Project and ensuring that this award does not substitute for non-Federal investment in the Project, except as proposed in the Application.

This Agreement does not obligate funds for the Project transferred to FRA from another agency for obligation.

1.3 Program Designations

- (a) Research and Development. This award is not for research and development.
- (b) Project Size. This award is for a non-Major Project as that term is defined in FRA Guidance on Development and Implementation of Railroad Capital Projects, January 11, 2023 (Railroad Capital Projects Guidance).
- (c) Phased Funding. This award is not a phased funding agreement as further discussed in Section 6.7 of this Attachment 2.
- (d) Grant or Cooperative Agreement. This award is made as a Grant Agreement.
- (e) Security Risk. This award is for a Project that has a low security risk.
- (f) Rural Area. The information the Recipient provided to FRA, including in the Application, demonstrates this award is not for a Project in a Rural Area.

ARTICLE 2: SPECIAL TERMS AND CONDITIONS

There are no special terms for this award.

¹ <https://www.govinfo.gov/content/pkg/FR-2022-07-06/pdf/2022-14344.pdf>

ARTICLE 3: ADMINISTRATIVE INFORMATION

3.1 Application

Application Title: Grade Separation Project at Churchill Avenue, Meadow Drive, and Charleston Road

Application Date: Oct 10, 2022

3.2 FRA Awarding Official

FRA Office of Railroad Development
Federal Railroad Administration
1200 New Jersey Ave, SE
Washington, DC 20590
FRA-Grants@dot.gov

3.3 Federal Award Date

The “Federal Award Date” is the effective date of this Agreement, as defined under Section 24.4 of Attachment 1 of this Agreement.

3.4 Program Name and Assistance Listings Number

For the Fiscal Year (FY) 2022 Railroad Crossing Elimination Program, the Assistance Listings Number is 20.327 and the Assistance Listings Title is Railroad Crossing Elimination.

3.5 Recipient’s Unique Entity Identifier

The Recipient’s Unique Entity Identifier, as defined at 2 C.F.R. § 25.415, is listed in Section 1B on the Agreement cover sheet.

3.6 Federal Award Identification Number

The Federal Award Identification Number is listed in Section 2 on the Agreement cover sheet as the “Agreement Number.”

ARTICLE 4: STATEMENT OF WORK

4.1 General Project Description

The Project involves preliminary engineering and environmental review for Churchill Avenue, Meadow Drive, and Charleston Road Crossings. The scope of work includes preparing the preliminary engineering design for FRA approval and completing the environmental review for the Project.

4.2 Project Location

The Project is located in Palo Alto along the Caltrain Corridor which crosses Churchill Avenue, Meadow Drive, and Charleston Road.



Geospatial Project Data:

Churchill Avenue: Latitude: 37.4354930 Longitude: -122.1517170

Meadow Drive: Latitude: 37.4175766 Longitude: -122.1233300

Charleston Road: Latitude: 37.4146165 Longitude: -122.1186389

U.S. DOT Crossing Number:

Churchill Avenue: 754998E

Meadow Drive: 755010S

Charleston Road: 755011Y

4.3 Project Scope

The Project involves preliminary engineering and environmental review for grade separations at Churchill Avenue, Meadow Drive, and Charleston Road Crossings.

The Recipient will notify FRA in writing of any requested changes in Project Scope and will not proceed with the changed scope unless approved by FRA in writing. If approved, changes to Project Scope may require additional environmental review or an amendment to this Agreement.

Task 1: Project Administration and Management

Subtask 1.1: Project Administration

The Recipient will perform all tasks required for the Project through a coordinated process, which will involve affected railroad owners, operators, and funding partners, including:

- Federal Railroad Administration (FRA)
- City of Palo Alto, Project Sponsor, Grant Recipient
- Peninsula Corridor Joint Powers Board (PCJPB is the governing body for Caltrain service on the San Francisco Peninsula)
- Santa Clara Valley Transportation Agency (VTA) – Funding Partner
- California High-Speed Rail Authority

The Recipient will facilitate the coordination of all activities necessary for implementation of the Project. The Recipient will:

- participate in a Project kickoff meeting with FRA following award;

- complete necessary steps to hire a qualified consultant/contractor to perform required Project work, as necessary;
- hold regularly scheduled Project meetings with FRA;
- inspect and approve work as it is completed; and
- participate in other coordination, as needed.

Subtask 1.2: Project Management Plan

The Recipient will prepare a Project Management Plan (PMP), that describes how the Project will be implemented and monitored to ensure effective, efficient, and safe delivery of the Project on time and within budget. The PMP will describe, in detail, the activities and steps necessary to complete the tasks outlined in this Statement of Work.

The PMP will include a Project Schedule and Project Budget for the work to be performed under this Agreement. The Project Schedule will be consistent with the Estimated Project Schedule in Section 5.2 of this Attachment 2, but provide a greater level of detail. Similarly, the Project Budget should be consistent with the Approved Project Budget in Section 6.5 of this Attachment 2, but provide a greater level of detail.

The Recipient will submit the PMP to FRA for review and approval. The Recipient will implement the Project as described in the approved PMP. The Recipient will not begin work on subsequent tasks until FRA has provided written approval of the PMP, unless FRA has provided pre-award authority for such work under Section 6.6 of this Attachment 2. FRA will not reimburse the Recipient for costs incurred in contravention of this requirement.

FRA may require the Recipient to update the PMP. The Recipient will submit any such updates to FRA for review and approval, and FRA will determine if updates to the PMP require an amendment to this Agreement. The Project Budget and Project Schedule may be revised consistent with Article 5 of Attachment 1 of this Agreement without amending this Agreement.

Subtask 1.3: Project Closeout

The Recipient will submit a Final Performance Report as required by Section 7.2 of Attachment 1 of this Agreement, which should describe the cumulative activities of the Project, including a complete description of the Recipient’s achievements with respect to the Project objectives and milestones.

Task 1 Deliverables:

Deliverable ID	Subtask	Deliverable Name
1.1	1.2	Project Management Plan

1.2	1.3	Final Performance Report
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Task 2: Preliminary Engineering

The Recipient shall conduct investigations and perform studies needed to support the development of the Preliminary Engineering (PE) Plan Set, including plans, calculations, and cost estimates, which are necessary to support the development of construction documents for the selected alternative at each of the grade crossing location. The Recipient shall prepare plans, specifications, calculations, and cost estimates under the responsible charge of the appropriate California Registered Engineer(s) (i.e., civil, electrical, geotechnical) and Architect(s). The Recipient shall prepare PE design sets for each crossing.

The Recipient shall complete the PE Plan Set and submit for FRA review and approval to support the future proposed construction project. The PE Plan Set shall include a cost estimate and may, when applicable, include the following items:

- Basis of Design or Design Criteria, include all pertinent AREMA, AAR, FRA, or other standards that will be used for different design elements of the project.
- A title sheet identified with a drawing revision number or date; an index identifying various plan sheets comprising the drawing set; notation of design criteria referenced; and a legend of symbols or abbreviations.
- PE plan drawings overlaid on maps/aerial photography and prepared at an appropriate scale are to include:
 - Existing and proposed right-of-way limits to include property lines and railroad ownership;
 - Proposed track changes including removals and installations; track centers, track speeds, turnout sizes, curve, and spiral data; vertical profiles and grades of proposed construction; typical cross sections to scale showing the proposed work to existing conditions for each change in track configuration and at other locations requiring retaining walls or right-of-way acquisitions, and public and private at-grade crossings;
 - Bridge span arrangement, Typical sections of bridge approach spans and movable (main) span, bridge size and location (Bridge TSL drawing) if applicable;
 - Bridge horizontal and vertical profile if applicable;
 - Typical Retaining Wall Detail, Section, and elevation with footing type and type of fill used;
 - New bridge elevation with Limits of navigation channel shown, current and proposed if applicable;
 - Substructure type and size detail and any construction requirements and if applicable, impacts to river and navigational traffic during construction;

- Limits of removal of the existing bridge superstructure and substructure if applicable;
 - Horizontal and vertical alignment drawings to include existing and proposed grades;
 - Cross sections showing the proposed work to existing conditions for each change in track configuration and at other locations requiring easements, retaining walls, or right-of-way acquisitions, as needed;
 - All pertinent flood elevations;
 - Correspondence with US Coast Guard and obtaining PNCD if applicable;
 - Correspondence with US Army Corps of Engineers and any work that can be advanced at PE stage towards future permit requirements if applicable,
 - Limits of disturbance (must be within the APE shown in the approved NEPA document);
 - Survey and base mapping of the bridge site: The Grantee will initiate the additional topographic survey of the Project location. This additional work will include courthouse research, property boundary mapping, digital terrain modeling, and subsurface public and franchise utility locations;
 - Geotechnical investigation, report, and recommendations for type of support structures based on borings at proposed bridge support locations;
 - Label all critical components such as rail centerlines, track centers, turnout sizes, curve and spiral data, bridges, road dimensions, etc.
 - Proposed track changes including removals and installations;
 - Public and private at-grade crossings;
 - Preliminary utility coordination (identify utility type, size, and owners in the area for which conflicts may occur) and suggested utility relocation in case of conflict and approval of relocation by the utility owners Include all aerial and submarine cables, also include any railroad utilities and appurtenances; as feasible;
 - Identify construction access and temporary laydown (staging) areas for contractors, as appropriate;
 - Identify any temporary or permanent finger pier or platform that may be required within the river limits for new bridge construction, as applicable; and
 - Provide construction phasing plans and Maintenance of rail traffic details during construction.
- If existing signal system and instrumentation are modified or new signals and instrumentation are being installed, Grantee will:
 - Prepare route and aspect charts, preliminary block design, and identify signal equipment locations.
 - A preliminary Risk Register showing risk, risk owner, mitigation strategies, etc. Contingency in the cost estimate should include these risks.

- New track configuration schematic must be signed by all project stakeholders before PE can start (if applicable).
- The Grantee will obtain signature approval of the preliminary engineering cover sheet by all stakeholders impacted by the proposed Project.
- Preliminary Detail of scour protection work at Pier and extent of protection and any environmental mitigation and/or measures warranted by US COE if applicable.
- Bridge Design plans submitted to FRA Engineering must also meet the requirements of 49 CFR Part 237 Subparts F and G, as appropriate (see FRA's Track and Rail Infrastructure Integrity Compliance Manual, Volume IV, Chapter I, Bridge Safety Standards for more details and guidance regarding plan preparation and requirements).
- The Recipient will provide a detailed and itemized construction cost estimate that will include all of the proposed construction elements with their respective unit cost, quantity, and total cost, separate itemized Force Account Work done by the railroad itself and with appropriate level of contingencies to account for unknown conditions expected at the PE level Plans. Use FRA Cost Estimating Guidance and FRA Standard Cost Category as much as possible. See Capital Cost Estimating Guidance | FRA (dot.gov) for more information.

Task 2.1 Churchill Avenue PE

The PE Package(s) to be submitted to FRA for approval consist(s) of the design with approval signatures by stakeholders (or alternate method of approval acceptable to FRA), cost estimate, schedule, and responses to FRA comments.

Task 2.2 Meadow Drive PE

The PE Package(s) to be submitted to FRA for approval consist(s) of the design with approval signatures by stakeholders (or alternate method of approval acceptable to FRA), cost estimate, schedule, and responses to FRA comments.

Task 2.3 Charleston Road PE

The PE Package(s) to be submitted to FRA for approval consist(s) of the design with approval signatures by stakeholders (or alternate method of approval acceptable to FRA), cost estimate, schedule, and responses to FRA comments.

Task 2 Deliverables: The deliverable package for each sub task will include the following:

- Basis of Design or Design Criteria for all design elements
- Geotechnical Investigation Report and Recommendations (For Information only)
- Preliminary Engineering Plans and Detailed Cost Estimate
- Revised Track Configuration schematic signed by all stakeholders
- FEMA No-Rise Certification
- PNCD from USCG (For information only, if applicable)
- USACE correspondence (and fulfilling all of their initial requirements)- For information only

Deliverable ID	Subtask	Deliverable Name
2.1	2.1	PE Package(s) for Churchill Avenue
2.2	2.2	PE Package(s) for Meadow Drive
2.3	2.3	PE Package(s) for Charleston Avenue

Task 3: Environmental Review

The Recipient shall complete the appropriate environmental document for the Project, in accordance with the National Environmental Policy Act (NEPA), its implementing regulations at 40 CFR parts 1500-508, FRA’s Environmental Procedures at 23 CFR parts 771 and 774, Section 4(f) of the Department of Transportation Act, the National Historic Preservation Act, and related environmental laws.

The Recipient shall complete the FRA Categorical Exclusion (CE) worksheet for the Project, including providing the current Project description, appropriate Project maps, and any other relevant background information and submit it to FRA and submit it to assist FRA in making a class of action determination. The Recipient will use qualified environmental professionals to complete the environmental review, including determining potential environmental impacts, conducting a review of existing literature, coordinating with relevant agencies, and performing field reconnaissance.

If FRA does not concur that a CE is appropriate for this Project, the Recipient will complete the required environmental documentation.

In addition, the Recipient is responsible for identifying all necessary permits required for the Project’s implementation.

Task 3 Deliverables:

Deliverable ID	Task	Deliverable Name
3.1	3	Environmental Document

Additional Task:

None.

4.4 Implement Required Environmental Commitments

The Recipient will implement any environmental commitments identified through the NEPA process conducted under Task 3: Environmental Review.

None.

ARTICLE 5: AWARD DATES AND ESTIMATED PROJECT SCHEDULE

5.1 Award Dates

Budget Period End Date: October 31, 2027

Period of Performance End Date: October 31, 2027

5.2 Estimated Project Schedule

Milestones associated with this Agreement are identified in Table 5-A: Estimated Project Schedule. The Recipient will complete these milestones to FRA’s satisfaction by the Schedule Date, subject to Article 5 of Attachment 1 of this Agreement. The Recipient will notify FRA in writing when it believes it has achieved the milestone.

Table 5-A: Estimated Project Schedule

Milestone	Schedule Date
Preliminary Engineering Completion	June 30, 2026
NEPA Completion	June 30, 2027

ARTICLE 6: AWARD AND PROJECT FINANCIAL INFORMATION

6.1 Award Amount

Agreement Federal Funds: \$6,000,000.

6.2 Federal Obligation Information

Federal Obligation Type: Single

6.3 Federal Authorization and Funding Source.

Authorizing Statute: Sections 22104 and 22305 of the Infrastructure Investment and Jobs Act, Public Law 117-58 (November 15, 2021); 49 U.S.C. § 22909

Appropriation: Infrastructure Investment and Jobs Act, Division J, Title VIII (Public Law 117-58 (2021))

6.4 Funding Availability

Program funding that is obligated under this Agreement remains available until expended.

6.5 Approved Project Budget

The estimated total Project cost under this Agreement is \$20,000,000.

FRA will contribute a maximum of 30 percent of the total Project cost, not to exceed the Agreement Federal Funds in Section 6.1 of this Attachment 2. FRA will fund the Project at the lesser amount of the Agreement Federal Funds or the FRA maximum contribution percentage of total Project costs.

The Recipient will contribute \$14,000,000 in Agreement Non-Federal Funds. Recipient's Agreement Non-Federal Funds are comprised of cash from a sales tax measure, Measure B Grade Separation Funding, passed in 2016.

The Recipient will complete the Project to FRA's satisfaction within the Approved Project Budget, subject to Article 5 of Attachment 1 of this Agreement.

Table 6-A: Approved Project Budget by Task

Task #	Task Title	Agreement Federal Funds	Agreement Non-Federal Funds	Total
1	Project Administration and Management	\$ 900,000	\$2,100,000	\$ 3,000,000
2	Preliminary Engineering	\$2,550,000	\$5,950,000	\$8,500,000
3	Environmental Documentation	\$2,550,000	\$5,950,000	\$8,500,000
Total		\$6,000,000	\$14,000,000	Total Project Cost: \$20,000,000

Table 6-B: Approved Project Budget by Source

Funding Source	Total Amount	Percentage of Total Project Cost
Federal Share	\$	%
Agreement Federal Funds	\$6,000,000	30%
FRA Grant Program	\$ 6,000,000	30%
Agreement Non-Federal Funds	\$14,000,000	70%
[Measure B Grade Separation Funding]	\$ 14,000,000	70%

6.6 Pre-Award Costs

None. Consistent with 2 C.F.R. part 200, costs incurred before the date of this Agreement are not allowable costs under this award. FRA will neither reimburse those costs under this award nor consider them as a non-Federal cost-sharing contribution to this award.

6.7 Phased Funding Agreement

Not applicable.

ARTICLE 7: PERFORMANCE MEASUREMENT INFORMATION

Table 7-A: Performance Measurement Table identifies the performance measures that this Project is expected to achieve. These performance measures will enable FRA to assess the Recipient’s progress in achieving grant program goals and objectives. The Recipient will report on these performance measures in accordance with the frequency and duration specified in Table 7-A.

Upon Project completion, the Recipient will submit reports comparing the actual Project performance of the new and or improved asset(s) against the pre-Project (baseline) performance and expected post-Project performance as described in Table 7-A. The Recipient will submit the performance measures report to the Project Manager in accordance with Table 7-A.

Table 7-A: Performance Measurement Table

Goal	Objective	Performance Measure	Description of Measure	Measurement	Reporting
<i>Preliminary Engineering</i>	<i>FRA PE Approval</i>	Completion of PE	PE and design materials and all related deliverables for all three crossings are successfully completed and accepted by FRA	Pre-Project (Baseline) Performance as of: Not applicable, no documents were completed prior to the Award Date.	Frequency: Once
				Expected Post-Project Performance: FRA approval of PE	Duration: One-time submission as part of the Final Performance Report
<i>Environmental Review</i>	FRA NEPA Document Approval	Completion of a NEPA document	The environmental documentation for all three crossings is approved by FRA.	Pre-Project (Baseline) Performance as of: Not applicable, no documents were completed prior to the Award Date.	Frequency: Once
				Expected Post-Project Performance: Signed CE or FONSI for each crossing.	Duration: One-time submission as part of the Final Performance Report

ARTICLE 8: ENVIRONMENTAL COMPLIANCE

In accordance with the National Environmental Policy Act (NEPA; 42 U.S.C. § 4321 et seq.), other environmental statutes, related regulatory requirements, and FRA’s NEPA-implementing regulations (23 C.F.R. part 771), FRA has determined that the actions funded under this Agreement as described in this Attachment 2, Section 4.5, Tasks 2 and 3, are categorically excluded from detailed environmental review pursuant to 23 C.F.R. § 771.116 (c) [(1), (3), or (8)]. In accordance with Section 106 of the National Historic Preservation Act (54 U.S.C. § 306108; 36 C.F.R. part 800), FRA has also determined that the actions funded under this Agreement have no potential to cause effects to historic properties. The actions do not require the use of property protected by Section 4(f) of the Department of Transportation Act (49 U.S.C. § 303; 23 C.F.R. part 774).

Categorical exclusions (CEs) are actions identified in an agency’s NEPA-implementing procedures that do not normally have a significant impact on the environment and therefore do not require either an environmental assessment (EA) or environmental impact statement (EIS). See 40 C.F.R. § 1508.1(d). In analyzing the applicability of a CE, FRA also considered whether unusual circumstances are present that would warrant a more detailed environmental review through the preparation of an EA or EIS. In accordance with 23 C.F.R. § 771.116 (a) and (b), FRA has further concluded that no unusual circumstances exist with respect to development of the activities funded under this grant that might trigger the need for a more detailed environmental review.

Should conditions or the scope of the action change, the Recipient must notify FRA and receive written response and notice to proceed before proceeding. FRA will evaluate whether this determination remains applicable or if additional environmental review is necessary.

ARTICLE 9: CLIMATE CHANGE AND ENVIRONMENTAL JUSTICE IMPACTS

9.1 Consideration of Climate Change and Environmental Justice Impacts

This Section identifies how the Project addresses climate change and environmental justice priorities. The Recipient certifies that rows marked with “X” in the following table are accurate:

X	The Project directly supports a Local/Regional/State Climate Action Plan that results in lower greenhouse gas emissions. <i>(Identify the plan in the supporting narrative below.)</i>
	The Project directly supports a Local/Regional/State Equitable Development Plan that results in lower greenhouse gas emissions. <i>(Identify the plan in the supporting narrative below.)</i>
	The Project directly supports a Local/Regional/State Energy Baseline Study that results in lower greenhouse gas emissions. <i>(Identify the plan in the supporting narrative below.)</i>

	The Recipient or a Project partner used environmental justice tools, such as the EJSCREEN, to minimize adverse impacts of the Project on environmental justice communities. <i>(Identify the tool(s) in the supporting narrative below.)</i>
X	The Project supports a modal shift in freight or passenger movement to reduce emissions or reduce induced travel demand. <i>(Describe that shift in the supporting narrative below.)</i>
	The Project utilizes demand management strategies to reduce congestion, induced travel demand, and greenhouse gas emissions. <i>(Describe those strategies in the supporting narrative below.)</i>
	The Project incorporates electrification infrastructure, zero-emission vehicle infrastructure, or both. <i>(Describe the incorporated infrastructure in the supporting narrative below.)</i>
	The Project supports the installation of electric vehicle charging stations. <i>(Describe that support in the supporting narrative below.)</i>
	The Project promotes energy efficiency. <i>(Describe how in the supporting narrative below.)</i>
	The Project serves the renewable energy supply chain. <i>(Describe how in the supporting narrative below.)</i>
X	The Project improves disaster preparedness and resiliency. <i>(Describe how in the supporting narrative below.)</i>
	The Project avoids adverse environmental impacts to air or water quality, wetlands, and endangered species, such as through reduction in Clean Air Act criteria pollutants and greenhouse gases, improved stormwater management, or improved habitat connectivity. <i>(Describe how in the supporting narrative below.)</i>
	The Project repairs existing dilapidated or idle infrastructure that is currently causing environmental harm. <i>(Describe that infrastructure in the supporting narrative below.)</i>
	The Project supports or incorporates the construction of energy- and location-efficient buildings. <i>(Describe how in the supporting narrative below.)</i>
X	The Project includes recycling of materials, use of materials known to reduce or reverse carbon emissions, or both. <i>(Describe the materials in the supporting narrative below.)</i>
	The Project includes other actions or attributes that address climate change and environmental justice. <i>(Describe those actions in the supporting narrative below.)</i>

	<p>The Project does not include actions or attributes that address climate change and environmental justice but, before beginning construction of the Project, the Recipient will take relevant actions described below to address climate change and environmental justice impacts of the Project. <i>(Identify the relevant actions in the supporting narrative below.)</i></p>
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9.2 Supporting Narrative

Climate Action Plan: The City of Palo Alto 2020 Sustainability and Climate Action plan has prioritized Road transportation improvements, which represents the largest percentage of Palo Alto’s existing carbon footprint – and a congestion headache. Reducing Vehicle Miles Traveled (VMT), is one solution to reduce transportation related GHG emissions. Priorities include Increase in active transportation (human-powered methods of travel, such as walking or bicycling); Increase availability of transit and shared mobility services. The Project provides for the separation of all modes of traffic from the rail traffic. This separation reduces the vehicle delays along the Alma Street and crossing streets of Churchill Avenue, Meadow Drive, and Charleston Road. In addition, the Project provides for an improved bicycle and pedestrian facility, thus supporting the local 2020 Sustainability and Climate Action Plan.

Modal Shift Support: The Project grade separates the at-grade crossing on the existing passenger rail service provided by Caltrain from San Jose to San Francisco. In addition, this rail corridor will also be serving the future California High Speed Rail system. The Rail grade separation is resulting from the increased need of providing frequent service on the Caltrain corridor and the future High-Speed Rail. This additional capacity and rail service will directly impact the modal shift from the vehicular or even air traffic to environmentally friendly electrified Caltrain service and California High Speed Rail.

Disaster preparedness and resiliency: The Rail corridor from San Francisco to San Jose is served by commuter train operated by Caltrain and Freight trains operated by Union Pacific Railroad. In the event of a disaster, the grade separations at these crossings provide for faster and un-interrupted emergency response from responders.

Recycling of Materials: The City of Palo Alto 2020 Sustainability and Climate Action plan recommends recycling of materials and, therefore, the Project will incorporate standards and requirements for construction.

ARTICLE 10: RACIAL EQUITY AND BARRIERS TO OPPORTUNITY

10.1 Efforts to Improve Racial Equity and Reduce Barriers to Opportunity

This Section identifies how the Project addresses efforts to improve racial equity and reduce barriers to opportunity. The Recipient certifies that rows marked with “X” in the following table are accurate:

	<p>A racial equity impact analysis has been completed for the Project. <i>(Identify a report on that analysis or, if no report was produced, describe the analysis and its results in the supporting narrative below.)</i></p>
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X	The Recipient or a Project partner has adopted an equity and inclusion program/plan or has otherwise instituted equity-focused policies related to project procurement, material sourcing, construction, inspection, hiring, or other activities designed to ensure racial equity in the overall delivery and implementation of the Project. <i>(Identify the relevant programs, plans, or policies in the supporting narrative below.)</i>
	The Project includes physical-barrier-mitigating land bridges, caps, lids, linear parks, and multimodal mobility investments that either redress past barriers to opportunity or that proactively create new connections and opportunities for underserved communities that are underserved by transportation. <i>(Identify the relevant investments in the supporting narrative below.)</i>
X	The Project includes new or improved walking, biking, and rolling access for individuals with disabilities, especially access that reverses the disproportional impacts of crashes on people of color and mitigates neighborhood bifurcation. <i>(Identify the new or improved access in the supporting narrative below.)</i>
	The Project includes new or improved freight access to underserved communities to increase access to goods and job opportunities for those underserved communities. <i>(Identify the new or improved access in the supporting narrative below.)</i>
	The Recipient has taken other actions related to the Project to improve racial equity and reduce barriers to opportunity. <i>(Describe those actions in the supporting narrative below.)</i>
X	The Recipient has not yet taken actions related to the Project to improve racial equity and reduce barriers to opportunity but, before beginning construction of the Project, the Recipient will take relevant actions described below to improve racial equity and reduce barriers to opportunity. <i>(Identify the relevant actions in the supporting narrative below.)</i>

10.2 Supporting Narrative

Equity and inclusion program: City of Palo Alto has adopted a race and equity mission statement that is guiding work within the organization to ensure that diversity, equity, inclusion, and belonging are incorporated into the operations of the City.

Improved walking and biking: The Project intends to create a safe and accessible infrastructure that meets the American Disability Act accessibility guidelines and standards such as grade for pedestrians, that will serve all users.

Racial Equity Consideration for the Project: The City of Palo Alto and have not yet completed the final design to get into the construction phase. This item will be reviewed during the development of construction documents for including requirements for the Project to improve racial equity and reduce barriers to opportunity.

ARTICLE 11: LABOR AND WORK

11.1 Efforts to Support Good-Paying Jobs and Strong Labor Standards

This Section identifies the Recipient’s efforts to support good-paying jobs and strong labor standards related to the Project. The Recipient certifies that rows marked with “X” in the following table are accurate:

X	The Recipient or a Project partner has adopted the use of project labor agreements in the overall delivery and implementation of the Project. <i>(Identify the relevant agreements and describe the scope of activities they cover in the supporting narrative below.)</i>
	The Recipient or a Project partner has adopted the use of local and economic hiring preferences in the overall delivery and implementation of the Project, subject to all applicable State and local laws, policies, and procedures. <i>(Describe the relevant provisions in the supporting narrative below.)</i>
	The Recipient or a Project partner has adopted the use of registered apprenticeships in the overall delivery and implementation of the Project. <i>(Describe the use of registered apprenticeships in the supporting narrative below.)</i>
	The Recipient or a Project partner will provide training and placement programs for underrepresented workers in the overall delivery and implementation of the Project. <i>(Describe the training programs in the supporting narrative below.)</i>
	The Recipient or a Project partner will support free and fair choice to join a union in the overall delivery and implementation of the Project by investing in workforce development services offered by labor-management training partnerships or setting expectations for contractors to develop labor-management training programs. <i>(Describe the workforce development services offered by labor-management training partnerships in the supporting narrative below.)</i>
X	The Recipient or a Project partner will provide supportive services and cash assistance to address systemic barriers to employment to be able to participate and thrive in training and employment, including childcare, emergency cash assistance for items such as tools, work clothing, application fees and other costs of apprenticeship or required pre-employment training, transportation and travel to training and work sites, and services aimed at helping to retain underrepresented groups like mentoring, support groups, and peer networking. <i>(Describe the supportive services and/or cash assistance provided to trainees and employees in the supporting narrative below.)</i>
	The Recipient or a Project partner has documented agreements or ordinances in place to hire from certain workforce programs that serve underrepresented groups. <i>(Identify the relevant agreements and describe the scope of activities they cover in the supporting narrative below.)</i>

X	<p>The Recipient or a Project partner participates in a State/Regional/Local comprehensive plan to promote equal opportunity, including removing barriers to hiring and preventing harassment on work sites, and that plan demonstrates action to create an inclusive environment with a commitment to equal opportunity, including:</p> <ul style="list-style-type: none"> a. affirmative efforts to remove barriers to equal employment opportunity above and beyond complying with Federal law; b. proactive partnerships with the U.S. Department of Labor’s Office of Federal Contract Compliance Programs to promote compliance with EO 11246 Equal Employment Opportunity requirements; c. no discriminatory use of criminal background screens and affirmative steps to recruit and include those with former justice involvement, in accordance with the Fair Chance Act and equal opportunity requirements; d. efforts to prevent harassment based on race, color, religion, sex, sexual orientation, gender identity, and national origin; e. training on anti-harassment and third-party reporting procedures covering employees and contractors; and f. maintaining robust anti-retaliation measures covering employees and contractors. <p><i>(Describe the equal opportunity plan in the supporting narrative below.)</i></p>
	<p>The Recipient has taken other actions related to the Project to create good-paying jobs with the free and fair choice to join a union and incorporate strong labor standards. <i>(Describe those actions in the supporting narrative below.)</i></p>
X	<p>The Recipient has not yet taken actions related to the Project to create good-paying jobs with the free and fair choice to join a union and incorporate strong labor standards but, before beginning construction of the Project, will take the relevant actions described below. <i>(Identify the relevant actions in the supporting narrative below.)</i></p>

11.2 Supporting Narrative

Labor Agreement: The City of Palo Alto currently has seven collective bargaining agreements in place. These agreements cover engineering, accounting, administrative, etc. Most notably these employees are part of Service Employees International Union Local 521. City of Palo Alto employees working on this Project from these collective bargaining units will therefore be involved in delivery and implementation of the Project. The Consultant/Contractor contracts include provisions for prevailing wages and Department of Industrial Relations (DIR) compliance.

Providing Supporting Services: The City of Palo Alto provides support and assistance to City staff through various programs such as commuter benefits, childcare assistance (\$10,000 annually), tuition assistance (\$1,500 annually), and work-related training and programs.

Equal Opportunity Employer: The City of Palo Alto is an equal opportunity employer within the State of California and complies with all Federal, State, and Local Employment requirements for providing equal

opportunities and non-discrimination, improve racial diversity and inclusiveness by developing policies and training to the City staff. In addition, City has a strong anti-harassment policy and provide regular trainings to city employees.

In addition, the City's partner Caltrain, as part of its relationship with the San Mateo County Transit District, participates in an equal employment opportunity policy and affirmative action plan that applies to all employment actions. Furthermore, it has an Office of Civil Rights that investigates any reports of discrimination and harassment.

Project to create good paying jobs: The City of Palo Alto and its Project partners have not yet completed the final design to get into the construction phase. This item will be reviewed during the development of construction documents for including requirements for the Project to create good paying jobs. However, City is committed to fair and competitive salaries. The City has several unions that represent various employment groups and provide choice to staff of various groups/professions for union membership.

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