Notice of Exemption

Appendix E

| To: Office of Planning and Research P.O. Box 3044, Room 113 Sacramento, CA 95812-3044 | From: (Public Agency): | | | | | |
|--|--|--|--|--|--|--|
| County Clerk | | | | | | |
| County of: | (Address) | | | | | |
| | | | | | | |
| | | | | | | |
| Project Title: | | | | | | |
| Project Applicant: | | | | | | |
| Project Location - Specific: | | | | | | |
| Project Location - City | Project Location - County: | | | | | |
| Description of Nature, Purpose and Beneficia | | | | | | |
| | | | | | | |
| | | | | | | |
| Name of Public Agency Approving Project: _ | | | | | | |
| | ject: | | | | | |
| |)(3); 15269(a)); | | | | | |
| Reasons why project is exempt: | | | | | | |
| | | | | | | |
| Lead Agency | | | | | | |
| Contact Person: | Area Code/Telephone/Extension: | | | | | |
| | by the public agency approving the project? Yes No | | | | | |
| Signature: House Mortenson | Date: Title: | | | | | |
| Signed by Lead Agency Sign | ned by Applicant | | | | | |
| Authority cited: Sections 21083 and 21110, Public Res Reference: Sections 21108, 21152, and 21152.1, Publ | | | | | | |

Memo



SUBJECT

Union Pacific Railroad – South Stockton Yard Crossovers California Environmental Quality Act Statutory and Categorical Exemption TO

San Joaquin Regional Rail Commission

DATE

December 28, 2023

COPIES TO

Bryan Pennino, Pennino Management Group

This memorandum has been prepared to support the California Environmental Quality Act (CEQA) Statutory Exemption of the proposed Union Pacific Railroad (UPRR) South Stockton Yard Crossovers Project (Project).

Project Description

The Project is located in the City of Stockton, within the southern portion of the Stockton Rail Yard. The Project encompasses the area north of the intersection of Industrial Drive and South McKinley Avenue, extending north approximately 3,000 feet (see attached Project Plans). Project activities will occur within UPRR's existing right-of-way between the following mileposts (MP) on the existing UPRR Oakland and Fresno Subdivisions:

- Oakland Subdivision MP 90.39 to MP 90.91
- Fresno Subdivision MP 86.88 to MP 87.55

The Project involves the construction of new track segments and the removal of other existing track segments to facilitate the more efficient movement and crossover of commuter and freight rail cars between the Oakland and Fresno track subdivisions.

All work will occur within the existing Stockton Rail Yard in areas previously disturbed by rail activities. None of the project activities are located within waterways or other sensitive areas. As a result, no biological, cultural, or aquatic resources (e.g., streams or wetlands) will be impacted by the Project. The Project will result in negligible or no expansion of use but will improve the efficiency of regional commuter and freight rail service.

The San Joaquin Regional Rail Commission (SJRRC) is the Lead Agency for the Project.

Justification for Statutory Exemption

Per the CEQA Statute, Section 21080(b)(10), CEQA does not apply to the following type of projects:

• "A project for the institution or increase of passenger or commuter services on rail or highway rights-ofway already in use, including modernization of existing stations and parking facilities."

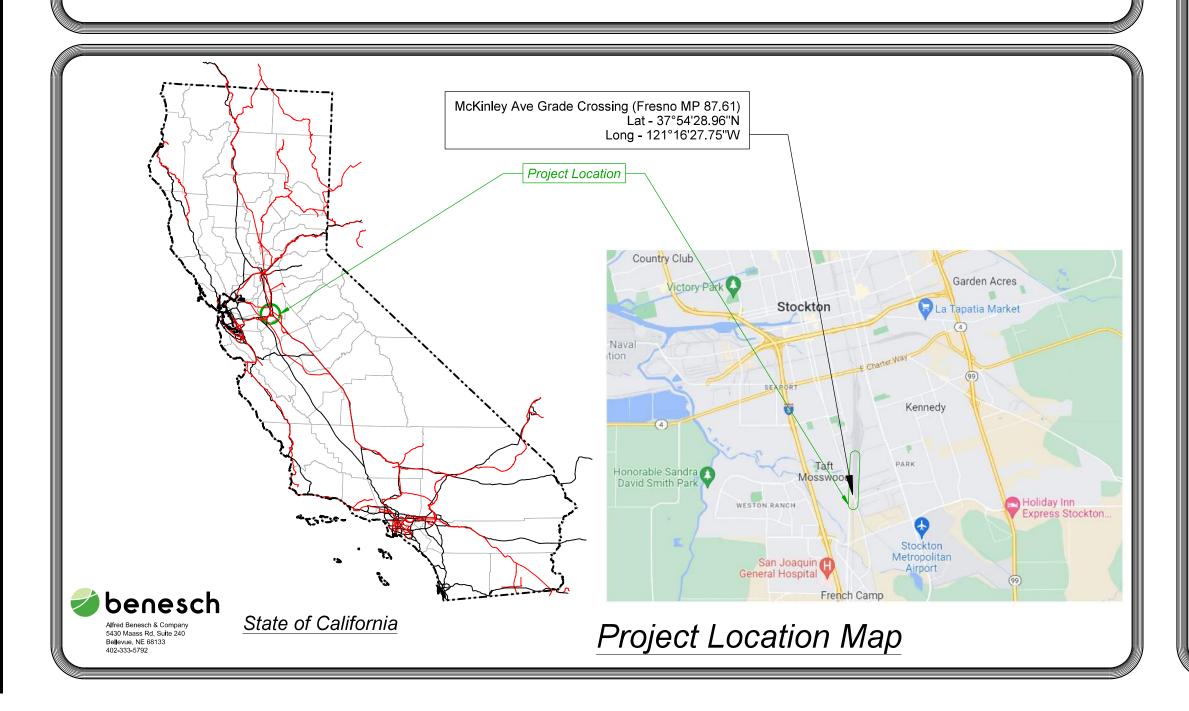
The proposed South Stockton Yard Crossovers would qualify for a statutory exemption under CEQA because the Project meets the following requirements:

- The purpose of the Project is to enhance existing passenger rail service on rail lines already in use.
- All proposed improvements are located within existing railroad right-of-way that is already in use.

Attachment: Project Plans



ENGINEERING DESIGN



87.55 (FRESNO) STOCKTON, CALIFORNIA (SAN JOAQUIN COUNTY STOCKTON SOUTH END CROSSOVERS SUBDIVISION 86.88 **FRESNO** (OAKLAND), 90.91 90.39

WORK ORDER:
PROJECT NUMBER:
BUDGET REFERENCE:

-

CONSTRUCTION

LAST REVISED OCTOBER 4, 2023

| PROJECT INDEX | | | PROJECT INDEX (CONTINUED) | |
|----------------|----------------------------------|-------------------|---------------------------|--|
| PROJECT DESIGN | DESCRIPTION | MECHANICAL DESIGN | DESCRIPTION | |
| G001 | COVER SHEET WITH VICINITY MAP | | | |
| G002 | PROJECT INDEX & REVISION SHEET | | | |
| G003 | GENERAL NOTES & PROJECT CONTACTS | | | |

ELECTRICAL DESIGN

G005 CONTROL POINTS AND GEOMETRY G006 SCHEMATIC PLAN G007 **CURVE INFORMATION** P001 to 003 TRACK PLAN TP001 to 009 TRACK PROFILES T001 to 014 TYPICAL SECTIONS X001 to 011 CROSS SECTIONS

STANDARDS DESCRIPTION

CULVERT DETAILS

ABBREVIATIONS & LEGEND

G004

C001 to 003

STRUCTURES DESIGN DESCRIPTION

| PROJECT REVISIONS | | | | | | | |
|-------------------|----|-------|--------|-------------|--|--|--|
| REV.# | BY | DATE: | SHEET: | DESCRIPTION | | | |
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DESCRIPTION





CHECKED BY:

10/04/2023 SHEET NUMBER G002 of 007

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION: STOCKTON, CA (SAN JOAQUIN COUNTY) MP 90.39 - 90.91 (OAKLAND), MP 86.88 - 87.55 (FRESNO) STOCKTON SOUTH END CROSSOVERS

PROJECT INDEX & REVISIONS

GENERAL NOTES

15.

4

6.

- Contractors shall notify Service Alert, (800) 642-2444 and UPRR Fiber Optics Hotline (800) 336-9193, 48 hours prior to any excavation. The USA Authorization Numbers shall be kept at the job site.
- 2. No work whatsoever shall be commenced without first notifying the UPRR
- The Contractor shall comply with all Federal, State, County, and City Laws and Ordinances and Regulations of the Department of Industrial Relations, OSHA, NPDES and Industrial Accident Commission related to the safety and character of the work, equipment and labor personnel.
- 4. Contractor shall be responsible for coordinating with all Utility agencies.
- Contractor shall protect in place (by any means necessary) all existing utilities to remain unless otherwise specified herein, contractor shall be responsible for the complete repair at his expense, for any damage to existing utilities, structures, or other site features, as a result of his work.
- Prior to placing curbs, pavements, base, subbase, track, etc., all underground utilities shall be installed, backfill completed, and the Engineer notified by each of the utility companies having facilities within the work area, that the utility installation has satisfactorily passed acceptance tests.
- All existing underground utilities, that are not to be re-used shall be abandoned in place. All existing pipelines to be abandoned in place shall be cement slurry filled and capped at least 3'-0" below top of proposed subgrade.
- Contractor shall verify locations and elevations of existing utilities whether known or unknown prior to beginning construction
- Any underground structures such as cesspools, cisterns, mining shafts, tunnels, septic tanks, wells, and pipelines not located prior to construction shall be brought to the attention of the engineer for determiniation of appropriate action such as removal or treatment in a manner judged suitable to
- Contractor shall coordinate location of all proposed utilities with UPRR to assure accuracy of utility connections and compliance with local codes.
- 11. Any existing conditions found to be a variance with these drawings must be immediately reported to the Engineer.
- 12. Contractor shall maintain and clean to the satisfaction of the Engineer, all access and service roads used during construction.
- 13. Contractor shall perform all construction in such a manner as to protect adjacent existing buildings, and other site elements which are to remain in
- 14. Contractor shall provide As-built Drawings for all improvements.

- Contractor shall coordinate work which affects adjacent property owners.
- Any questions or agreements between adjacent property owners and contractor shall be made in writing. A copy of such agreement shall be provided to the UPRR Engineer or his representative.

No field changes will be permitted without direct written authorization from the UPRR Engineer or his representative.

- The contractor is responsible for preparing a Stormwater Pollution Prevention Plan (SWPPP) to comply with State regulations. General specifications and typical erosion control details are included in the plan set. 17.
- 18. Right-of-way lines shown on the plans were taken from existing UPRR right-of-way map and are approximate
- 19 Match lines for sheets are based on the existing Main Line stationing
- Track laying, ballasting, and installation of road crossing panels will be done by UPRR unless otherwise stated. 20.
- Where existing culverts are to be extended, the contractor shall expose 21. existing drainage structures and field verify size and type before ordering.
- 22. The contractor is responsible for the removal of all pavement markings that will be in conflict with the proposed work.
- Contractor shall comply with all California and Stockton standard specifications for construction of public improvements requirements. Stockton 23 standard specifications shall prevail.
- Contractor shall maintain at least one access to all affected business. If necessary, multiphase construction shall be utilized.

DESIGN CRITERIA

- UPRR standard plans and trackworks
- Stockton Public Works Engineering Division
- California Department of Transportation Roadway Standards

SURVEY NOTES

- Railroad stationing for project profiles and alignments is based on stations established for chord definition spiraled curves at the centerline of the existing UPRR Main Line unless otherwise noted.
- The contractor is responsible for the preservation of all survey control monuments. In the event monuments are damaged or destroyed by the contractor, the Engineer will replace the monument solely at the contractor's expense.

| | | DATUM | | | | | | |
|----------|------------|----------------------------|--|--|--|--|--|--|
| | HORIZONTAL | CA STATE PLANE ZONE III | | | | | | |
| | | SCALE FACTOR = 1.000095013 | | | | | | |
| VERTICAL | | NAVD88 | | | | | | |

Survey completed on date 06/14/2023

TRAFFIC NOTES

- All barricades, warning signs, lights, devices, etc. for the guidance of vehicle traffic and pedestrians must conform to the installation shown in the Manual on Uniform Traffic Control Devices (MUTCD), current edition
- 2. Contractor shall make twice daily inspections of barricades and flashing lights to ensure proper placement and functioning of warning devices
- 3. Grade crossings closed to traffic during construction shall be barricaded in accordance with the MUTCD.
- At all grade crossings, all grade crossing warning signs (crossbuck) shall temporarily be relocated during construction and reset after the grade crossings construction is completed to a point adjacent to the roadway and 15 feet from the centerline of the near track as stated in the MUTCD except where automatic grade crossing warning signals/gates exisit. All automatic warning devices are the responsibility of UPRR. At no time shall a crossing be left open without proper warning signs in place.
- Contractor shall submit traffic control plans to Stockton Traffic Department for approval at least 2 weeks prior to each road closure. Plans shall be 11" x 17" engineered drawings, sealed by a professional engineer from the California.
- The contractor is responsible for the prompt replacement and/or repair of all traffic control devices and appurtenances damaged or disturbed due to

PROJECT CONTACTS

PHONE NUMBER

(402) 544-3304

UPRR

Construction Project Manager Construction Field Manager

Project Design Manager

Project Design Sr. Project Designer

Structures Design Sr. Manager

Structures Design Manager Information Technology - Fiber

Real Estate - Utilities Real Estate - Acquisitions

Soil Management Plan

FIBER

CONTACT PHONE NUMBER

PHONE NUMBER

UTILITIES

CONTACT

CONTACT

CONTACT

LEVI HAWKINS

PHONE NUMBER

FEDERAL AND LOCAL GOVERMENT AGENCY

PHONE NUMBER

GENERAL

(800) 336-9193 (888) 258-0808 UPRR CALL BEFORE YOU DIG

(888) 877-7267

CALL BEFORE YOU DIG (NATIONAL DIRECTORY)

UPRR Response Management Communications Center (RMCC)





HECKED BY

10/04/202

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UNION PACIFIC RAILROAD

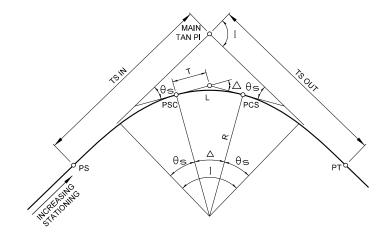
STOCKTON, CA (SAN JOAQUIN COUNTY) MP 90.39 - 90.91 (OAKLAND), MP 86.88 - 87.55 (FRESNO) STOCKTON SOUTH END CROSSOVERS

GENERAL NOTES AND PROJECT CONTACTS

ABBREVIATIONS & LEGEND

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| Control Points | | | | | | | |
|----------------|--------------|--------------|-----------|-----------------|--|--|--|
| Point No. | Northing | Easting | Elevation | Description | | | |
| 1 | 2156652.1620 | 6339405.2740 | 16.22 | 5/8 RB | | | |
| 2 | 2157101.7560 | 6339099.5200 | 20.34 | 5/8 RB | | | |
| 3 | 2156303.5420 | 6339046.0030 | 20.72 | 5/8 RB | | | |
| 4 | 2155503.3540 | 6339039.9650 | 18.12 | 5/8 RB | | | |
| 5 | 2154703.5690 | 6339016.7460 | 19.05 | 5/8 RB | | | |
| 6 | 2153961.2260 | 6338982.6820 | 20.12 | 5/8 RB | | | |
| 7 | 2155469.4190 | 6338502.1710 | 18.53 | PK NAIL | | | |
| 8 | 2154088.9790 | 6338385.9920 | 15.37 | NGS Q1413 15.37 | | | |
| 9 | 2156874.5520 | 6339300.4300 | 19.84 | 5/8 RB | | | |
| | · | · | | · | | | |



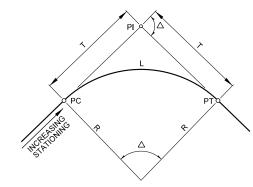


FIGURE A CIRCULAR CURVES WITH SPIRAL TRANSITION

| - TOTAL INTERSECTION ANGLE

 θ_{S} - SPIRAL ANGLE = $\frac{AL^2}{2}$

 Δ - CENTRAL ANGLE OF CIRCULAR CURVE = $[-2\theta]$ S

Dc - DEGREE OF CURVE

A - RATE OF CHANGE OF DEGREE OF CURVE PER 100-ft. OF LENGTH = $\frac{Dc}{I}$

R - RADIUS OF CIRCULAR CURVE

T - TANGENT LENGTH OF CIRCULAR CURVE = R TAN $\frac{\triangle}{2}$

L - LENGTH OF CIRCULAR CURVE = $\frac{\Delta}{Dc}$ x 100

PS - TANGENT TO SPIRAL

PSC - SPIRAL TO CURVE

PCS - CURVE TO SPIRAL

PT - SPIRAL TO TANGENT

MAIN TAN PI - POINT OF INTERSECTION OF MAIN TANGENTS

(TS IN) - TANGENT LENGTH OF COMPLETE CURVE = (R+o) TAN $\frac{1}{2}$ + t

(WHEN SPIRALS OF EQUAL LENGTH ARE USED ON BOTH SIDES OF CIRCULAR CURVE, SEE FIGURE C. FOR o AND t).

FIGURE B SIMPLE CIRCULAR CURVE

R = RADIUS OF CIRCULAR CURVE

△ = CENTRAL ANGLE OF CIRCULAR CURVE

 $T = R TAN \frac{\triangle}{2}$

 $L = \frac{\triangle}{Dc} \times 100$

Dc = 2 SIN⁻¹ (50/R) = DEGREE OF CURVE (CHORD DEFINITION)

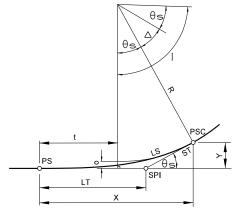


FIGURE C SPIRAL TRANSITION CURVE

SPIRAL TRANSITION CURVE DATA: THE SPIRAL USED IS DEFINED BY THE TALBOT SPIRAL.

LS = LENGTH OF SPIRAL (TS TO PSC)

θs =

 $X = 100 L_1 - 0.000762 A^2 L_1^5$

 $Y = 0.291AL_1^3 - 0.00000158A^3L_1^7$

 $t = 50L_1 - 0.000127A^2L_1^5$

SIN θs

 $Dc = 2 SIN^{-1} (50/R) = DEGREE OF CURVE (CHORD DEFINITION)$

L₁ - TOTAL NO. OF STATIONS IN SPIRAL

SPI - SPIRAL POINT OF INTERSECTION

NOTE: Dc, $\,\theta_{\,\text{S}},\,\Delta$, and $\,$ Are in degrees. All others dimensions are feet.





10/04/2023

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UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION: STOCKTON, CA (SAN JOAQUIN COUNTY) MP 90.39 - 90.91 (OAKLAND), MP 86.88 - 87.55 (FRESNO) STOCKTON SOUTH END CROSSOVERS

CONTROL POINTS AND GEOMETRY

| Curve Information | | | | | | | | | | | |
|---------------------|-----------------------------|------------|------------|------------|------------|--------------|----------|-------------|-----|------------------------|---------------------|
| Curve Number | Track | PS | PSC | PCS | PT | Delta | Radius | Degree | S/L | Super Elevation | Design Speed |
| C-1 | Oakland Main Tack | 4772+59.16 | 4772+94.16 | 4778+42.28 | 4778+77.28 | 17° 29' 37'' | 1910.08' | 3° 00' 00'' | 35' | 0.75'' | 20 |
| C-2 | Fresno/Oakland South X-Over | 777+64.83 | 778+08.83 | 778+51.39 | 778+95.39 | 6° 03' 25'' | 819.02' | 7° 00' 00'' | 44' | 1.00'' | 20 |
| C-3 | Fresno/Oakland South X-Over | 780+46.33 | 780+90.33 | 781+32.84 | 781+76.84 | 6° 03' 13'' | 819.02' | 7° 00' 00'' | 44' | 1.00'' | 20 |
| C-4 | Fresno/Oakland North X-Over | 4785+09.35 | 4785+53.35 | 4785+96.05 | 4786+40.05 | 6° 04' 02'' | 819.02' | 7° 00' 00'' | 44' | 1.00'' | 20 |
| C-5 | Fresno/Oakland North X-Over | 4787+93.28 | 4788+37.28 | 4788+80.17 | 4789+24.17 | 6° 04' 48'' | 819.02' | 7° 00' 00'' | 44' | 1.00'' | 20 |
| C-6 | Track 201/111 X-Over | 4790+96.60 | 4791+40.60 | 4791+93.66 | 4792+37.66 | 6° 47' 32'' | 819.02' | 7° 00' 00'' | 44' | 1.00'' | 20 |
| C-7 | Track 201/111 X-Over | 4794+65.92 | 4795+09.92 | 4795+63.73 | 4796+07.73 | 6° 50' 42'' | 819.02' | 7° 00' 00'' | 44' | 1.00'' | 20 |







10/04/2023 SHEET NUMBER

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LOCATION & DESCRIPTION:
STOCKTON, CA (SAN JOAQUIN COUNTY)
MP 90.39 - 90.91 (OAKLAND), MP 86.88 - 87.55 (FRESNO)
STOCKTON SOUTH END CROSSOVERS

SHEET TITLE: **CURVE INFORMATION** Color table:c:\pwwordir\benesch projects\projects\dms49014\UPRR.tbl \\omhq5573\,porm\CAD_Config\Bentley\Workspace\Standards\tables\Pen\UPRR.V81_Pentable.tbl c:\pwwordir\benesch projects\projects\d0152333\Stockton X0.dgn Default le:c:\pwwordir\benesch projects\projects\dms49014\UPRR.tbl 3\nparm\CAD_Config\Bentley\Workspace\Standards\tables\Pe ir\benesch projects\projects\d0152333\Stockton X0.dgn