

CALIFORNIA HIGH-SPEED TRAIN

Alternative Analysis Alignment Maps

San Jose to Merced

San Joaquin Valley Crossing Subsection Henry Miller to Avenue 21 Alternative

April 2010



California High-Speed Rail Authority





LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

- SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
- RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE
KEY MAP

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	NO SCALE
SHEET NO.	1 OF 05



1

LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

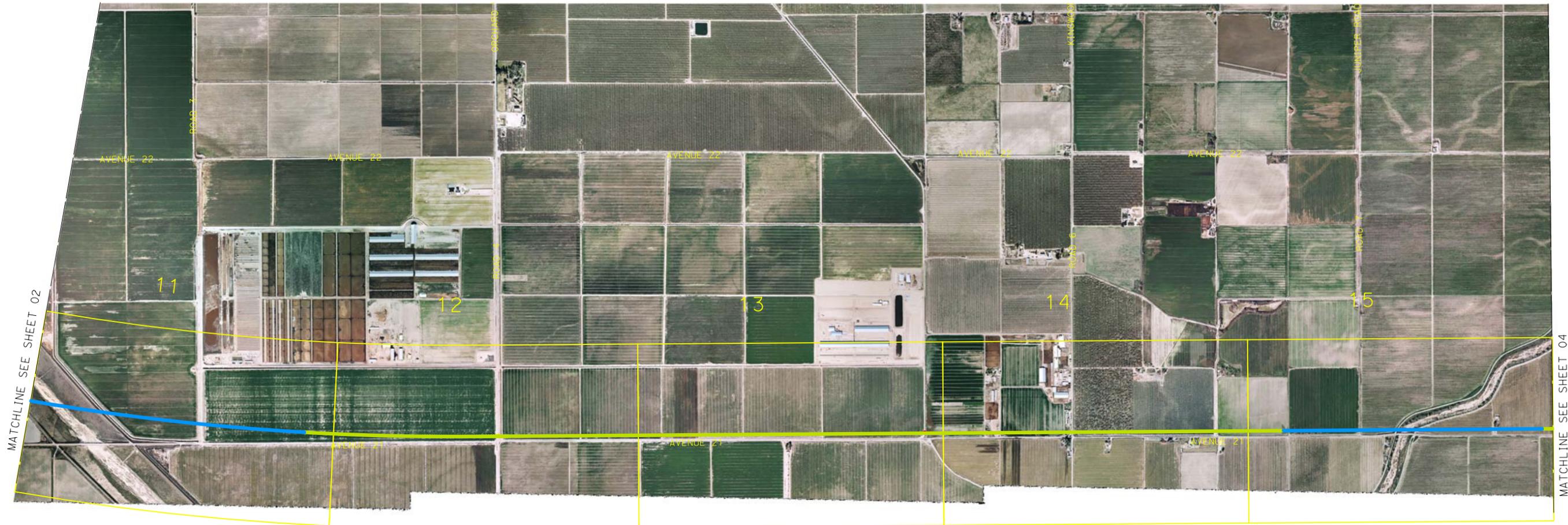
- SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
- RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE
KEY MAP

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	NO SCALE
SHEET NO.	02 OF 05



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

- SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
- RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE
KEY MAP

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	NO SCALE
SHEET NO.	3 OF 05



LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:
 1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
 2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE
 KEY MAP

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	NO SCALE
SHEET NO.	04 OF 05



MATCHLINE SEE SHEET 04

LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

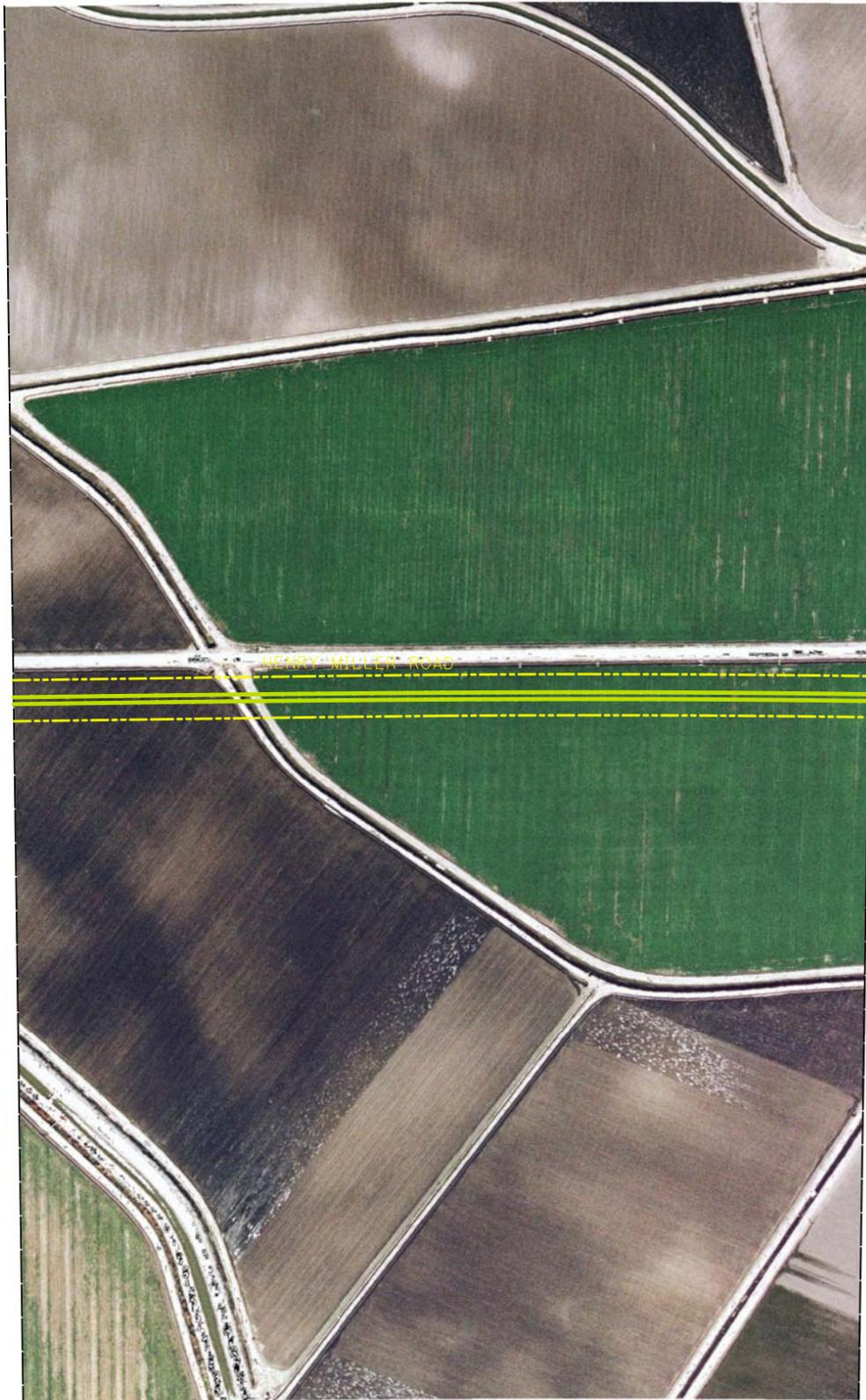
- SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
- RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE
KEY MAP

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	NO SCALE
SHEET NO.	05 OF 05



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	01 OF 22



MATCHLINE SEE SHEET 01

MATCHLINE SEE SHEET 03



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	02 OF 22



MATCHLINE SEE SHEET 02

MATCHLINE SEE SHEET 04



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

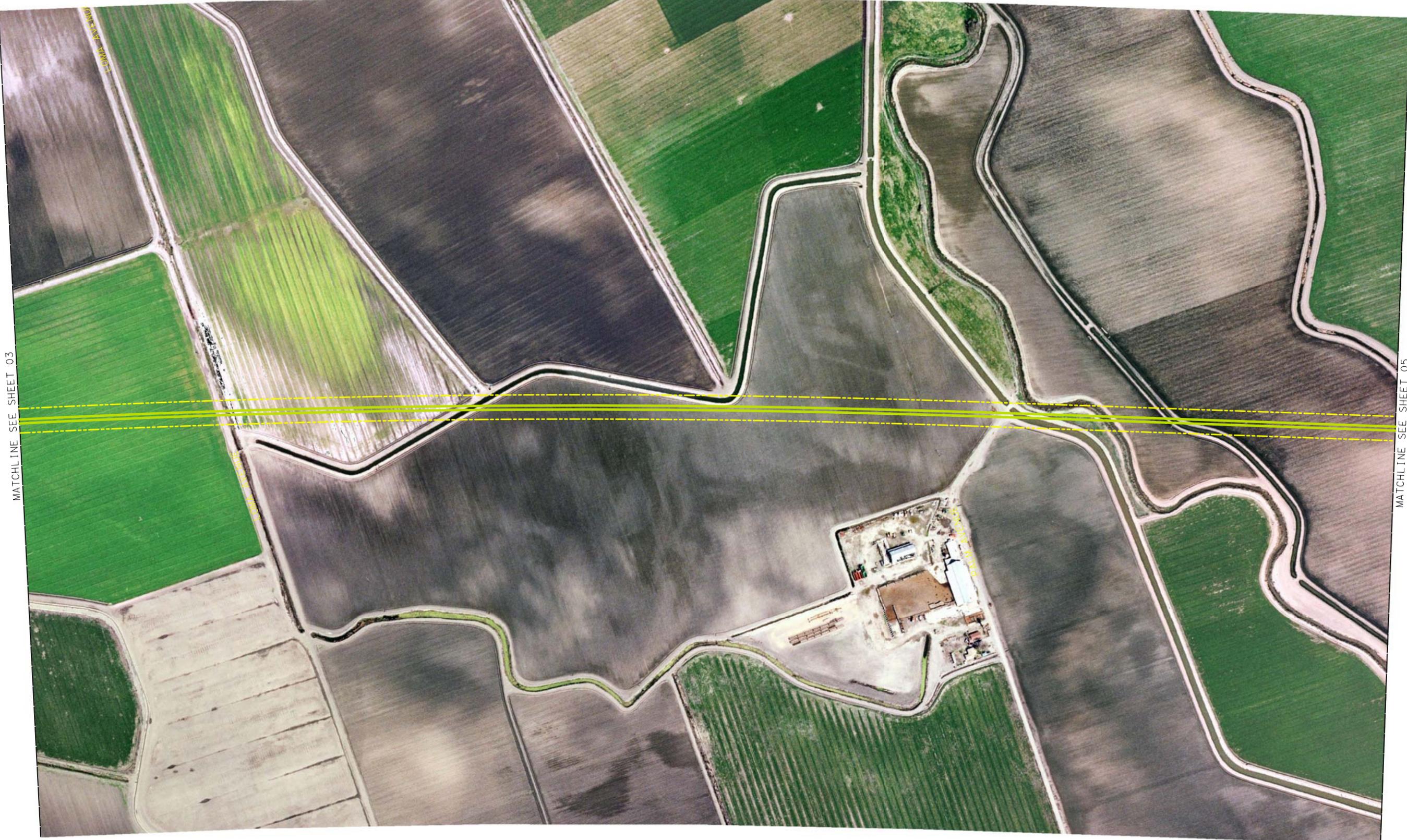
1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED

SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	03 OF 22



MATCHLINE SEE SHEET 03

MATCHLINE SEE SHEET 05



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	04 OF 22



MATCHLINE SEE SHEET 04

MATCHLINE SEE SHEET 06



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	05 OF 22



MATCHLINE SEE SHEET 05

MATCHLINE SEE SHEET 07



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

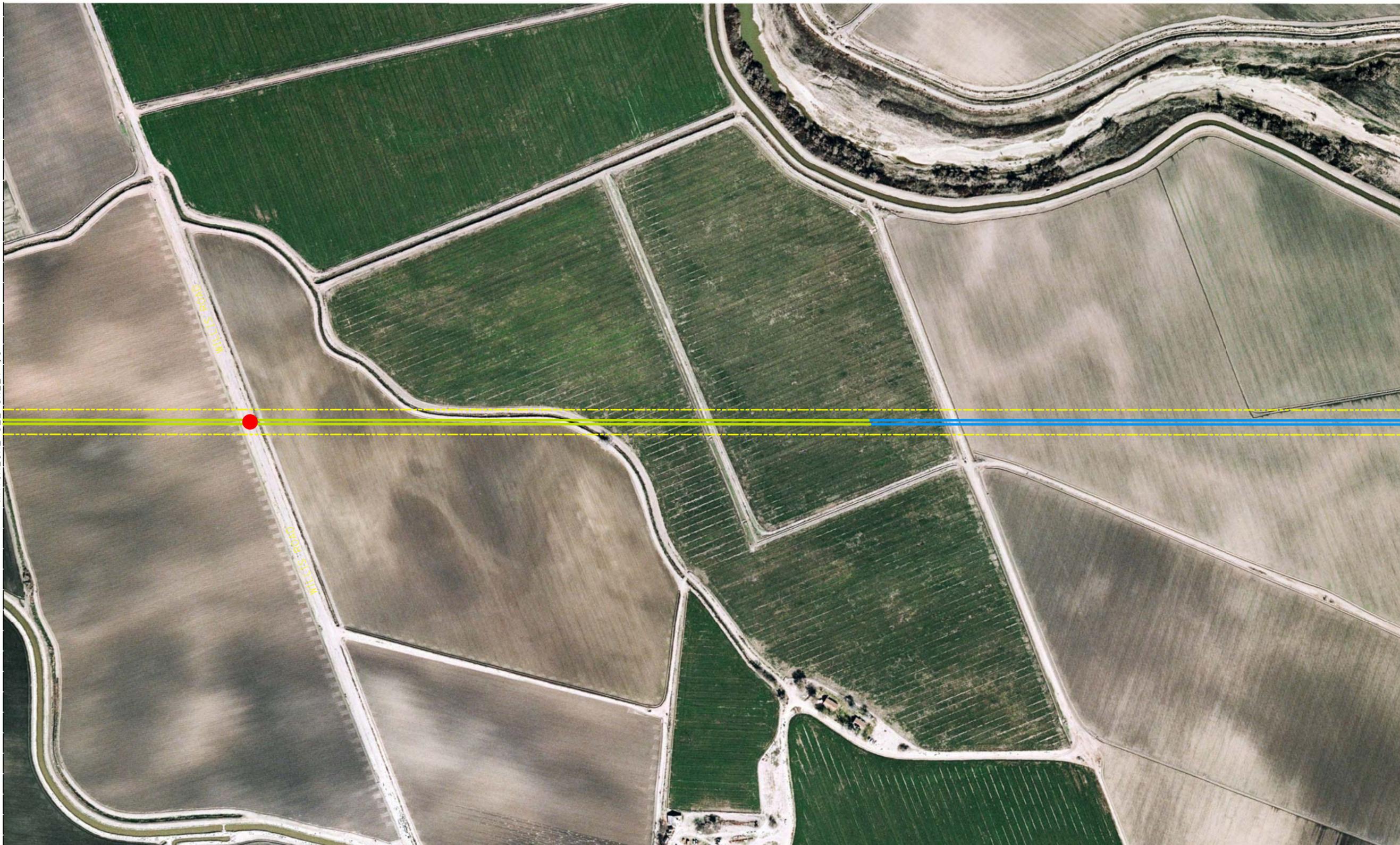
1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	06 OF 22



MATCHLINE SEE SHEET 06

MATCHLINE SEE SHEET 08



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	07 OF 22



MATCHLINE SEE SHEET 07

MATCHLINE SEE SHEET 09



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	08 OF 22



MATCHLINE SEE SHEET 08

MATCHLINE SEE SHEET 10



LEGEND:

-  AT GRADE ALIGNMENT
-  ELEVATED/AERIAL ALIGNMENT
-  UNDERGROUND/TRENCH ALIGNMENT
-  RIGHT-OF-WAY
-  EXISTING ROAD TO BE GRADE SEPARATED
-  EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.
HSR08-05

DATE
05/2010

SCALE
AS SHOWN

SHEET NO.
09 OF 22



MATCHLINE SEE SHEET 09

MATCHLINE SEE SHEET 11



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

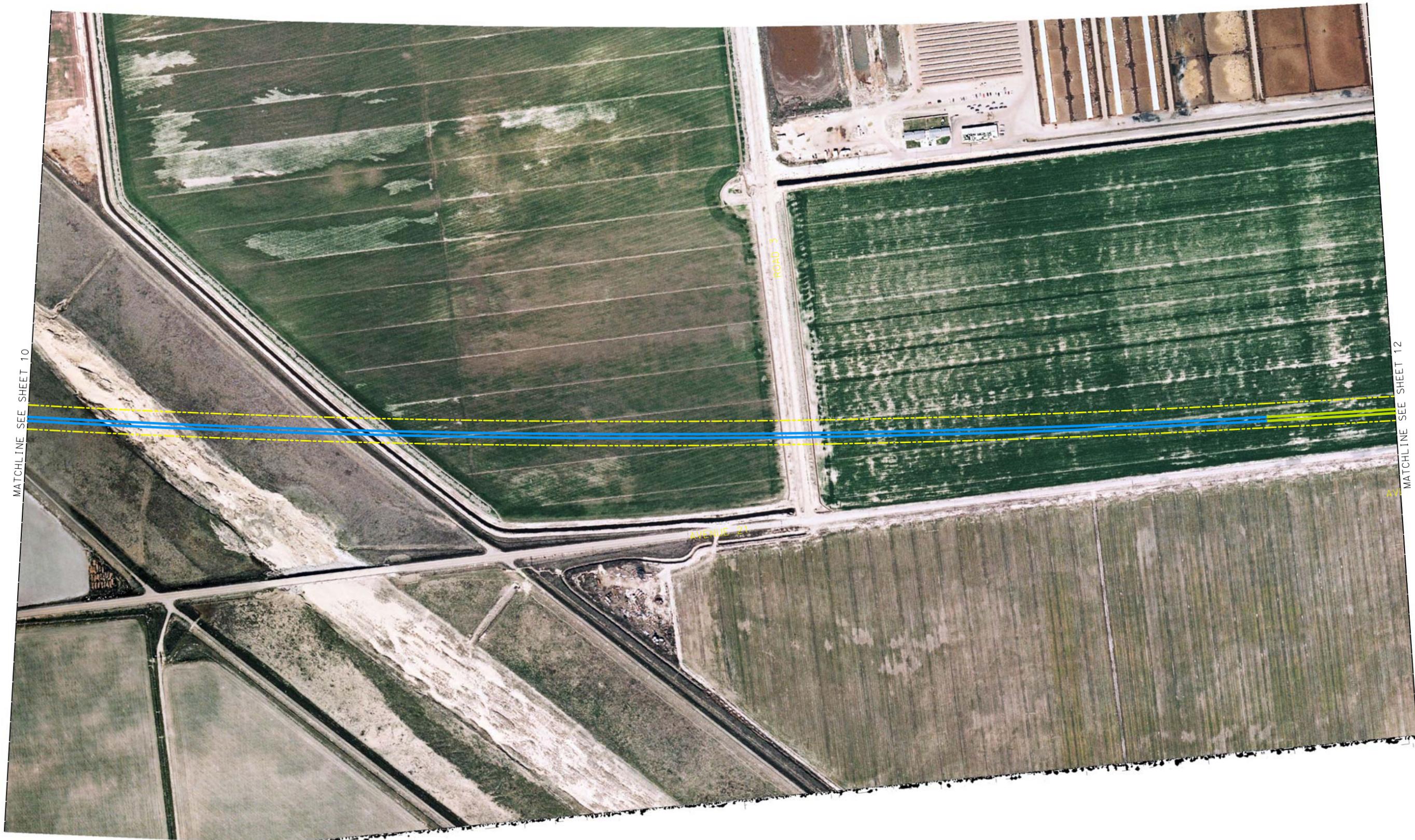
- SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
- RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	10 OF 22



MATCHLINE SEE SHEET 10

MATCHLINE SEE SHEET 12



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	11 OF 22



MATCHLINE SEE SHEET 11

MATCHLINE SEE SHEET 13



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

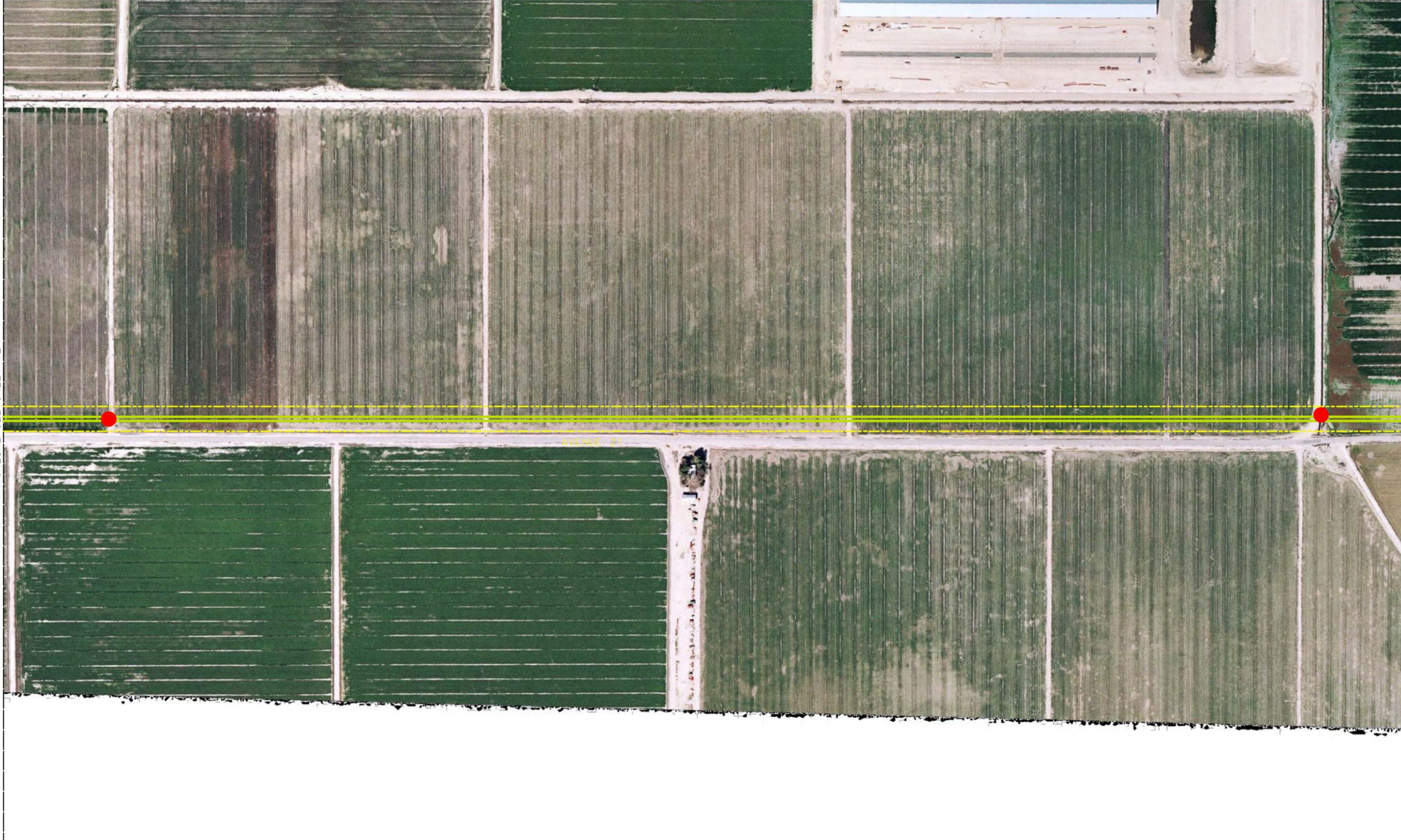
NOTES:

- SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
- RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	12 OF 22



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	13 OF 22



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	14 OF 22



MATCHLINE SEE SHEET 14

MATCHLINE SEE SHEET 16



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

- SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
- RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	15 OF 22



MATCHLINE SEE SHEET 15

MATCHLINE SEE SHEET 17

AVENUE 21

AVENUE 21



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	16 OF 22



MATCHLINE SEE SHEET 16

MATCHLINE SEE SHEET 18



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

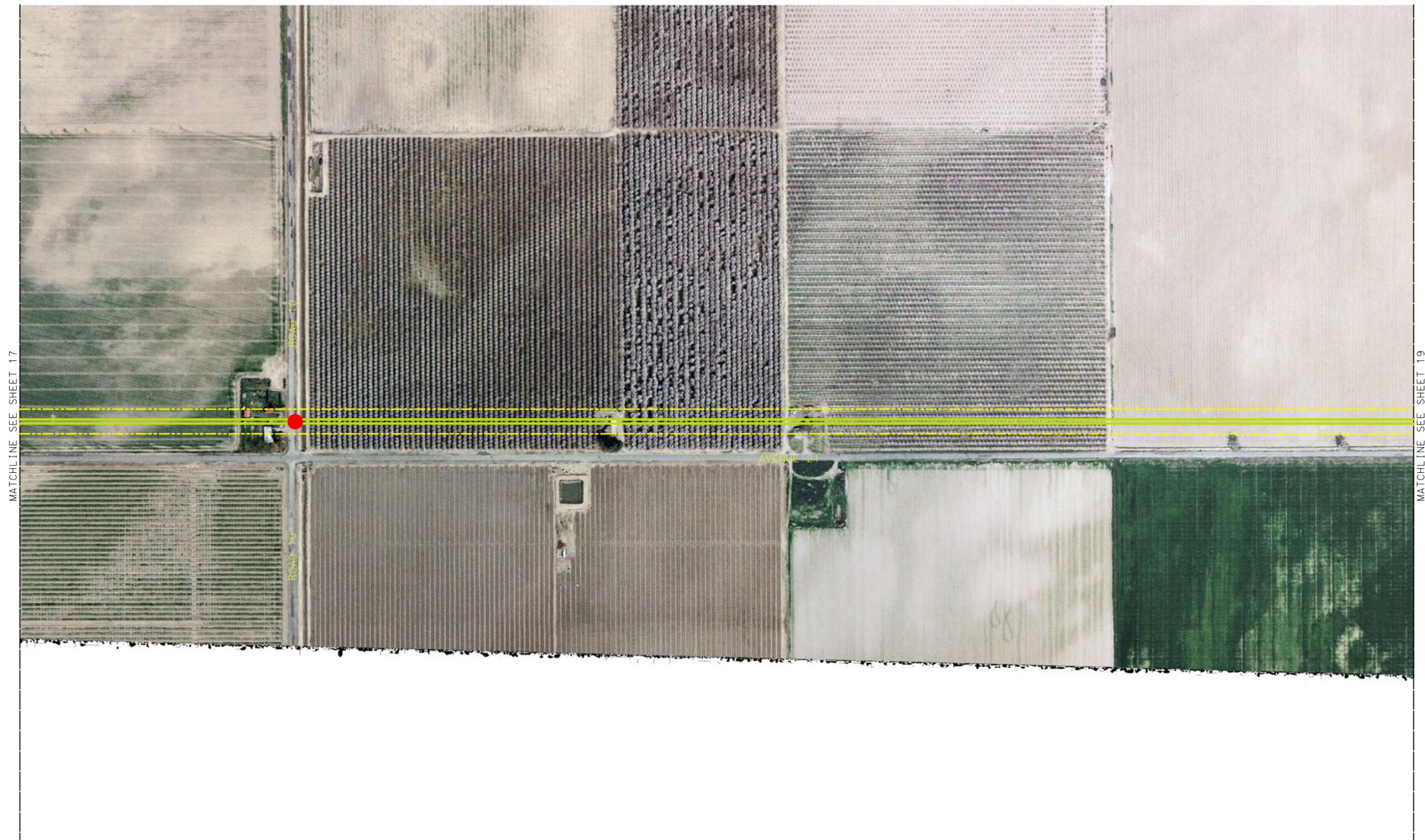
NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	17 OF 22



MATCHLINE SEE SHEET 17

MATCHLINE SEE SHEET 19



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

- SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
- RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	18 OF 22



MATCHLINE SEE SHEET 18

MATCHLINE SEE SHEET 20



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	19 OF 22



MATCHLINE SEE SHEET 19

MATCHLINE SEE SHEET 21



LEGEND:

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:

1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



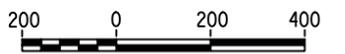
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	20 OF 22



MATCHLINE SEE SHEET 20

MATCHLINE SEE SHEET 22



LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:
 1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
 2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	21 OF 22



MATCHLINE SEE SHEET 21



LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:
 1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
 2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOAQUIN VALLEY CROSSING SUBSECTION
 HENRY MILLER TO AVENUE 21 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	05/2010
SCALE	AS SHOWN
SHEET NO.	22 OF 22