

# CALIFORNIA HIGH-SPEED TRAIN

Alternative Analysis Alignment Maps

## San Jose to Merced

### San Joaquin Valley Crossing Subsection Henry Miller to Avenue 22 Alternative

April 2010



California High-Speed Rail Authority





FOR CONTINUATION OF THIS ALIGNMENT ALTERNATIVE SEE SHEETS 01 THROUGH 05 OF HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

MATCHLINE SEE SHEET 02

**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 22 ALIGNMENT ALTERNATIVE  
 KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	01 OF 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

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 SAN JOAQUIN VALLEY CROSSING SUBSECTION  
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 KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	02 OF 04



**LEGEND:**

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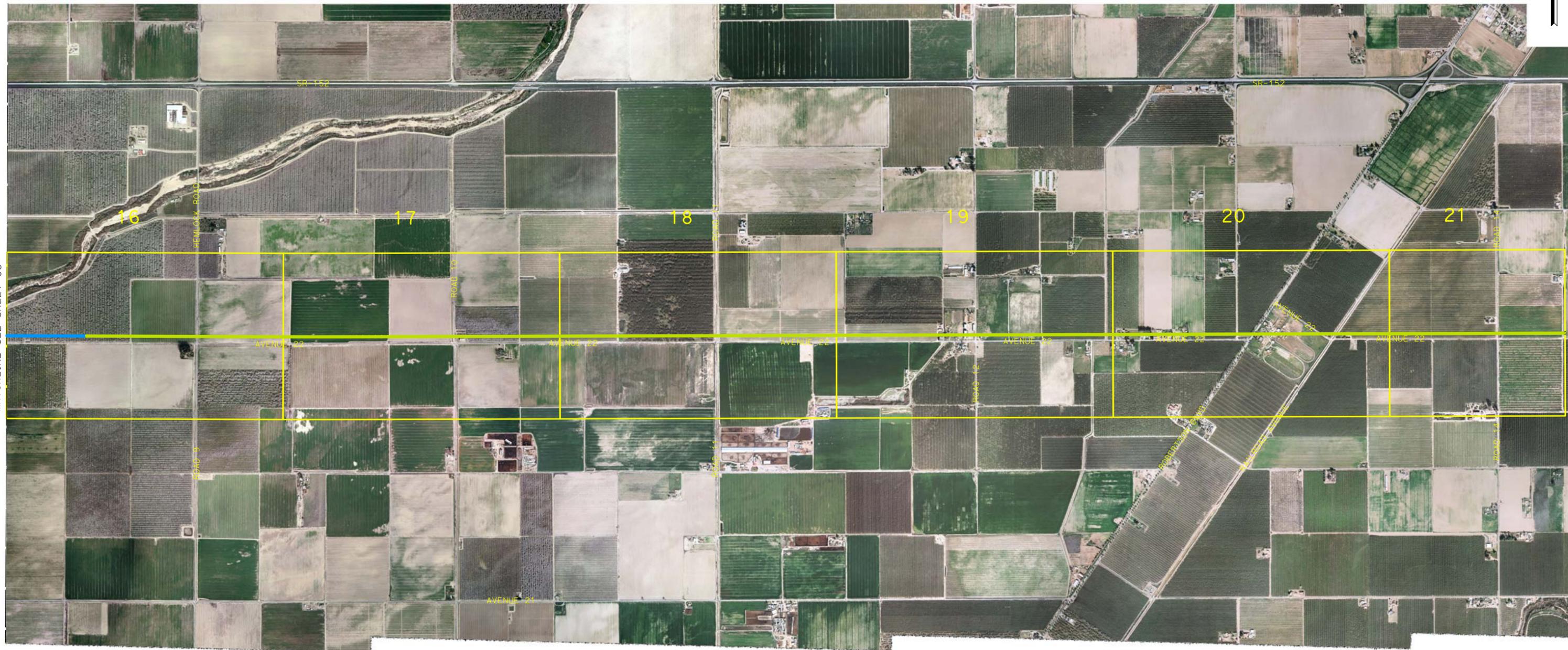


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**  
 SAN JOAQUIN VALLEY CROSSING SUBSECTION  
 HENRY MILLER TO AVENUE 22 ALIGNMENT ALTERNATIVE  
 KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	03 OF 04



MATCHLINE SEE SHEET 03



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION  
HENRY MILLER TO AVENUE 22 ALIGNMENT ALTERNATIVE  
KEY MAP

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

FOR CONTINUATION OF THIS ALIGNMENT ALTERNATIVE SEE HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE SHEET 21



MATCHLINE SEE SHEET 02



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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 SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION  
 HENRY MILLER TO AVENUE 22 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	1 OF 21



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:**

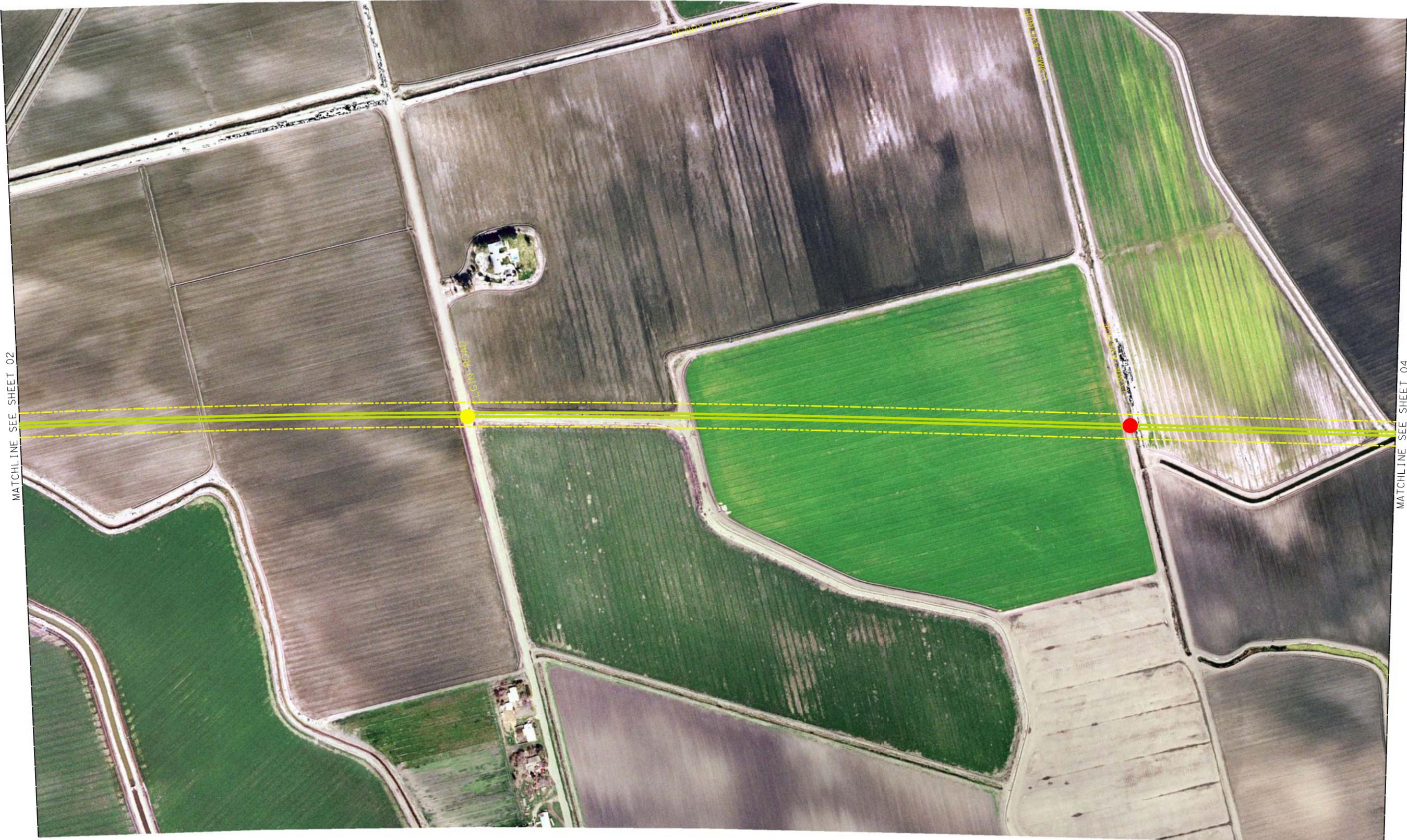
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION  
 HENRY MILLER TO AVENUE 22 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	02 OF 21



MATCHLINE SEE SHEET 02

MATCHLINE SEE SHEET 04



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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CONTRACT NO.	HSR08-05
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SHEET NO.	03 OF 21



**LEGEND:**

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CONTRACT NO. HSR08-05
DATE 04/2010
SCALE AS SHOWN
SHEET NO. 04 OF 21



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:**

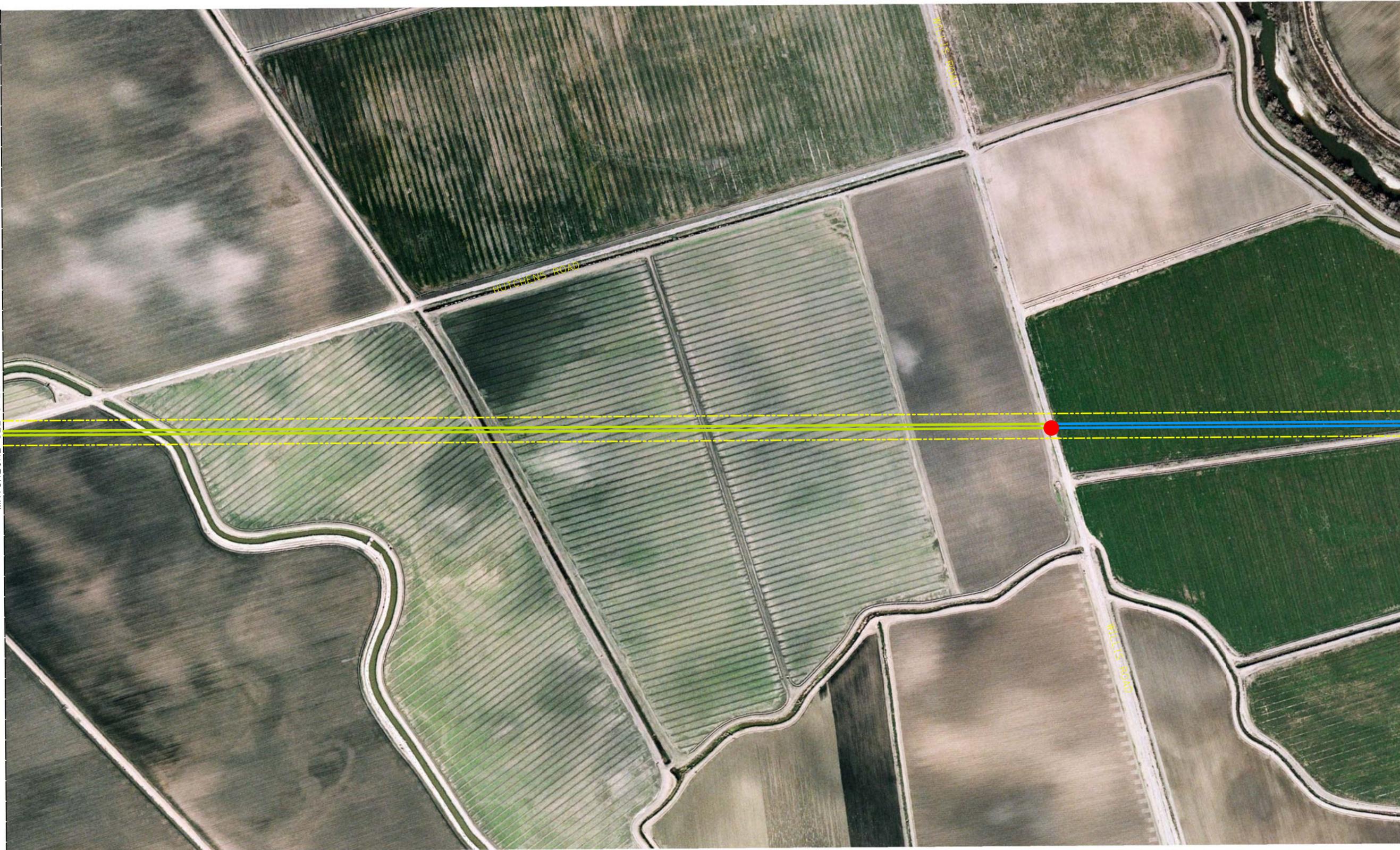
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN JOSE TO MERCED**

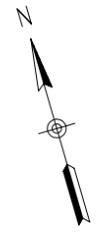
SAN JOAQUIN VALLEY CROSSING SUBSECTION  
HENRY MILLER TO AVENUE 22 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	05 OF 21



MATCHLINE SEE SHEET 05

MATCHLINE SEE SHEET 07



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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 SAN JOAQUIN VALLEY CROSSING SUBSECTION  
 HENRY MILLER TO AVENUE 22 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	06 OF 21



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

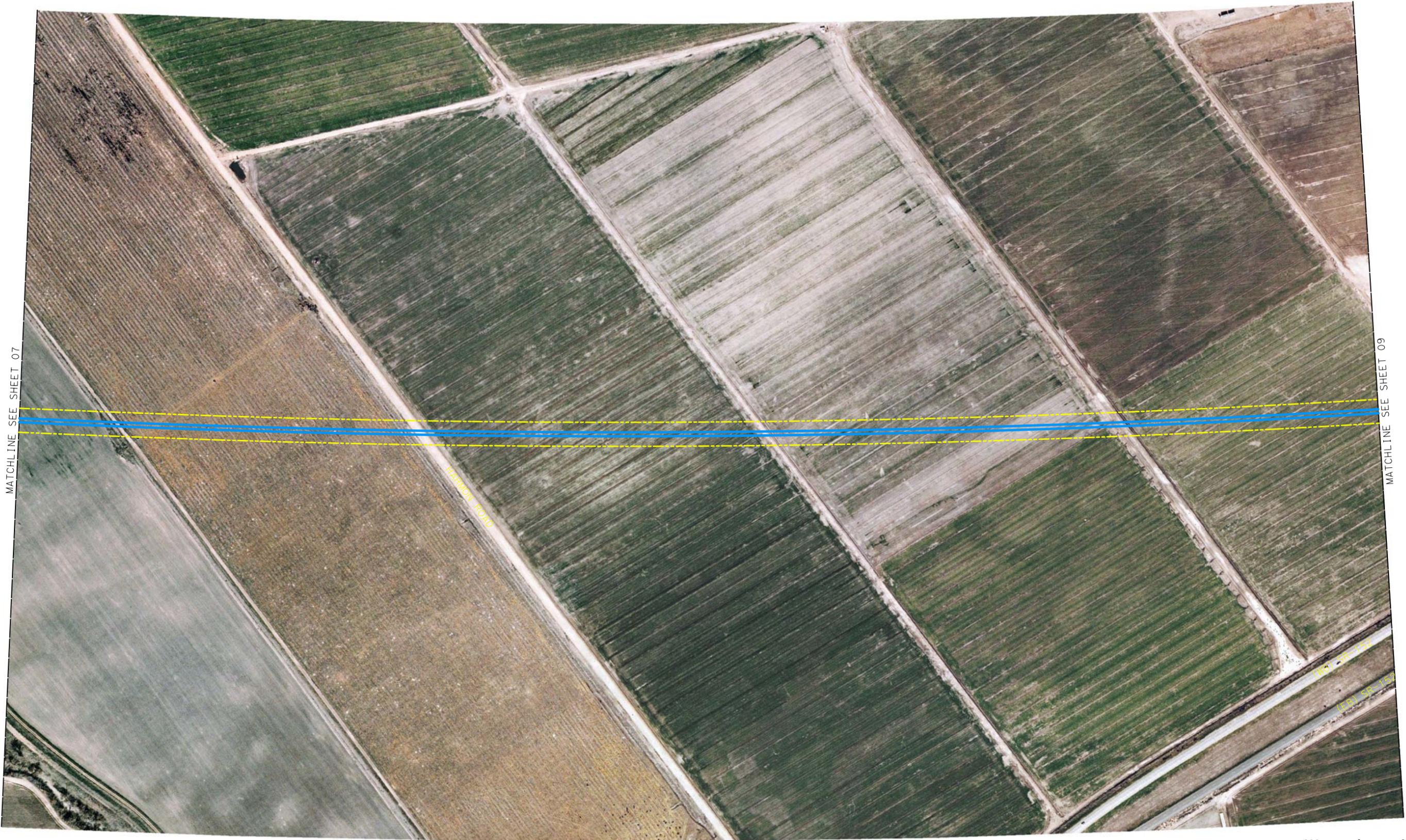
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
 SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION  
 HENRY MILLER TO AVENUE 22 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	07 OF 21



MATCHLINE SEE SHEET 07

MATCHLINE SEE SHEET 09

HARMON ROAD



LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**

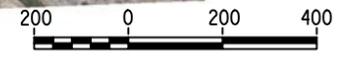
SAN JOAQUIN VALLEY CROSSING SUBSECTION  
 HENRY MILLER TO AVENUE 22 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	08 OF 21



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
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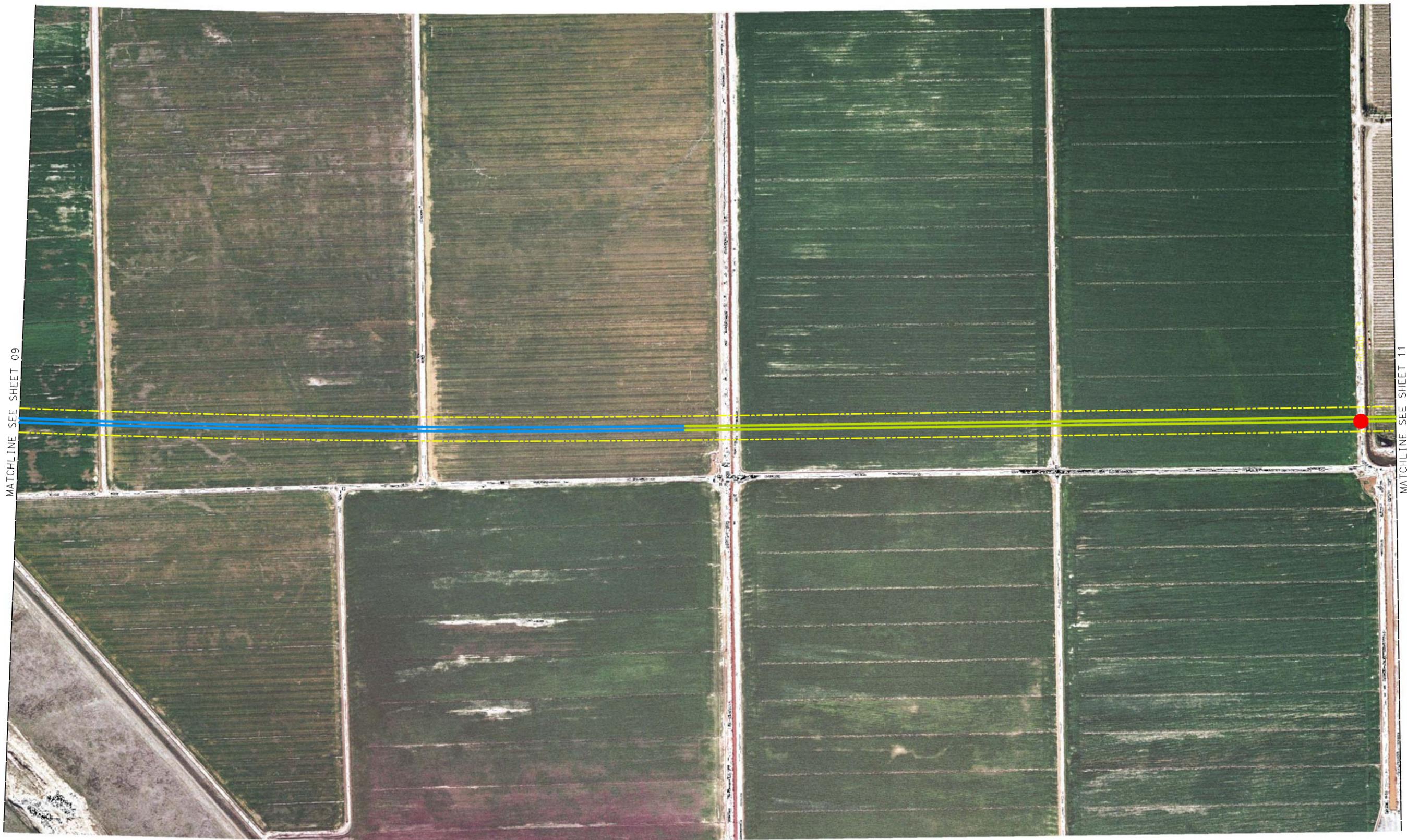
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	09 OF 21



**LEGEND:**

	AT GRADE ALIGNMENT
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	UNDERGROUND/TRENCH ALIGNMENT
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SCALE	AS SHOWN
SHEET NO.	10 OF 21



**LEGEND:**

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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	11 OF 21



MATCHLINE SEE SHEET 11

MATCHLINE SEE SHEET 13



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	12 OF 21



MATCHLINE SEE SHEET 12

MATCHLINE SEE SHEET 14



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	13 OF 21



MATCHLINE SEE SHEET 13

MATCHLINE SEE SHEET 15

AVENUE 22

AVENUE 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:**

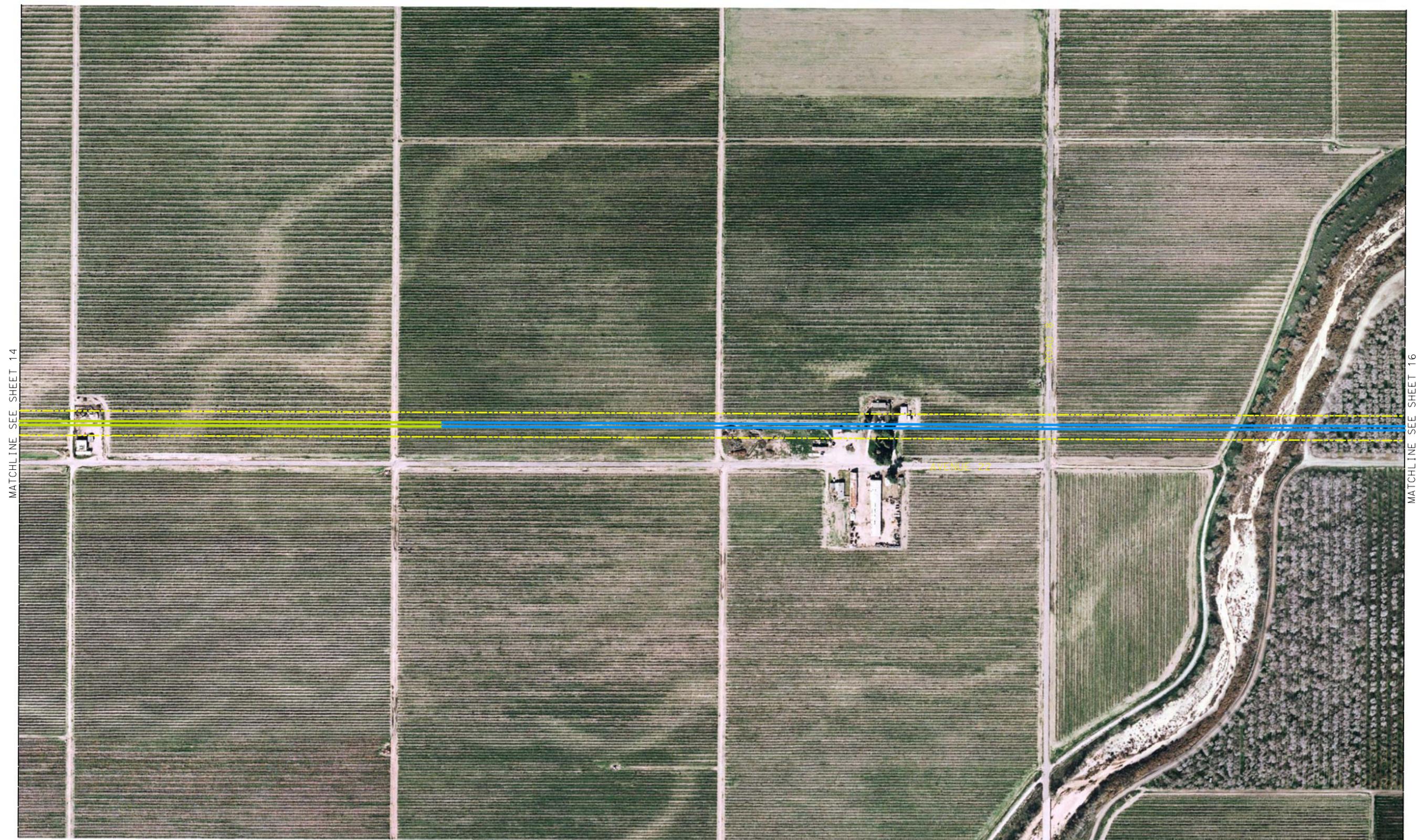
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	14 OF 21



MATCHLINE SEE SHEET 14

MATCHLINE SEE SHEET 16

AVENUE 22



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION  
 HENRY MILLER TO AVENUE 22 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	15 OF 21



MATCHLINE SEE SHEET 15

MATCHLINE SEE SHEET 17



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	16 OF 21



LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
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CONTRACT NO.	HSR08-05
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SCALE	AS SHOWN
SHEET NO.	17 OF 21



MATCHLINE SEE SHEET 17

MATCHLINE SEE SHEET 19



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	18 OF 21



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
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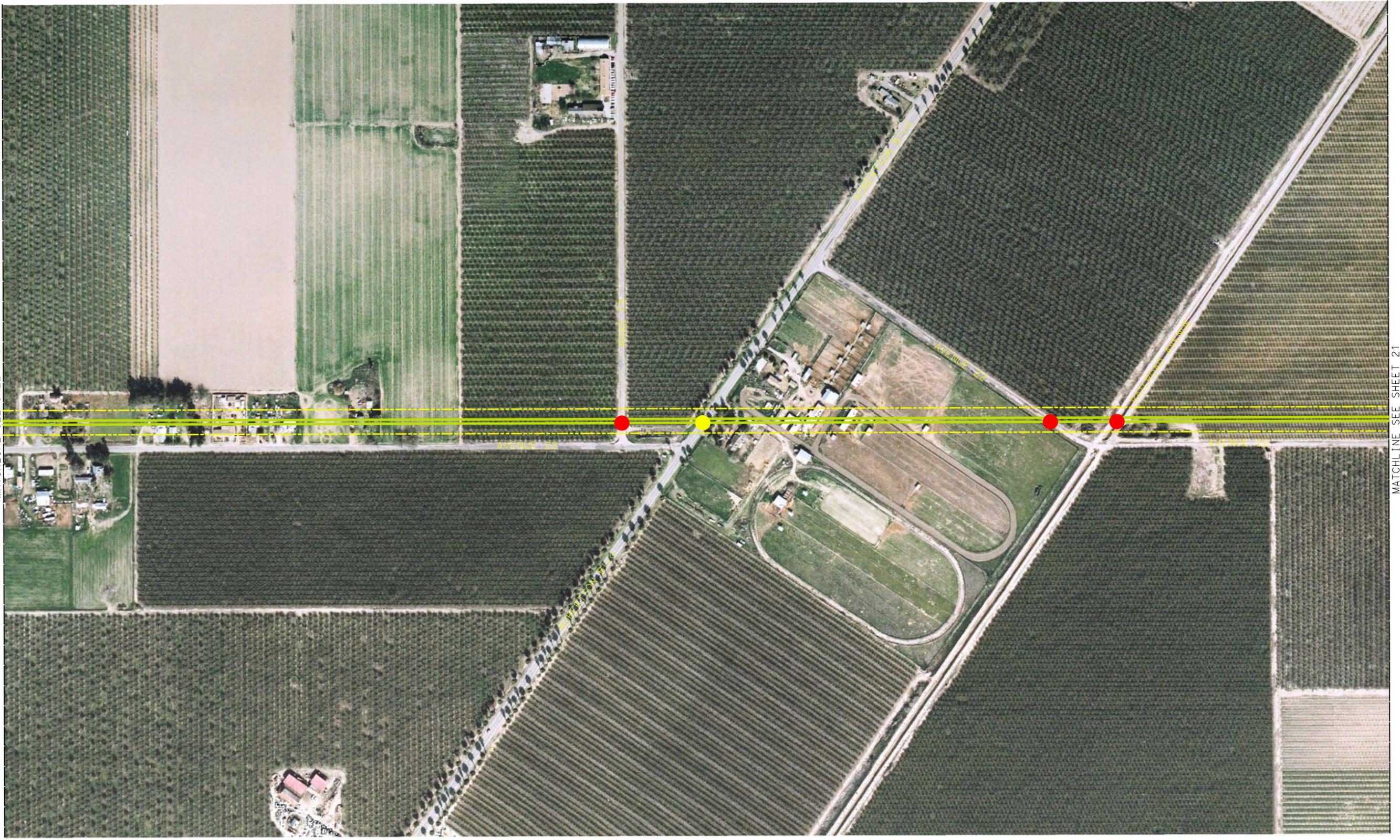
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	19 OF 21



MATCHLINE SEE SHEET 19

MATCHLINE SEE SHEET 21



**LEGEND:**

	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	20 OF 21



**LEGEND:**

	AT GRADE ALIGNMENT
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	UNDERGROUND/TRENCH ALIGNMENT
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CONTRACT NO.	HSR08-05
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SCALE	AS SHOWN
SHEET NO.	21 OF 21