

CALIFORNIA HIGH-SPEED TRAIN CONSTRUCTION SEQUENCE

RECORD PEPD DESIGN SUBMISSION **Bakersfield to Palmdale** CONSTRUCTION SEQUENCE

October 2017



GENERAL

DRAWING No.	DRAWING DESCRIPTION		
CV-A0001	ALTERNATIVE 1,2,3,5	COVER SHEET	
CV-B0002	ALTERNATIVE 1,2,3,5	INDEX OF SHEETS	
CV-B0003	ALTERNATIVE 1,2,3,5	NOTES & LEGEND	
CV-C0004	ALTERNATIVE 1	KEY MAP SHEET 1 OF 1	
CV-C0005	ALTERNATIVE 2	KEY MAP SHEET 1 OF 1	
CV-C0006	ALTERNATIVE 3	KEY MAP SHEET 1 OF 1	
CV-C0007	ALTERNATIVE 5	KEY MAP SHEET 1 OF 1	

CONSTRUCTION SEQUENCE

DRAWING No.	DRAWING DESCRIPTION		
CV-I1001	ALTERNATIVE 1	CONSTRUCTION SEQUENCE	SHEET 1 OF 11
CV-I1002	ALTERNATIVE 1	CONSTRUCTION SEQUENCE	SHEET 2 OF 11
CV-I1003	ALTERNATIVE 1	CONSTRUCTION SEQUENCE	SHEET 3 OF 11
CV-I1004	ALTERNATIVE 1	CONSTRUCTION SEQUENCE	SHEET 4 OF 11
CV-I1005	ALTERNATIVE 1	CONSTRUCTION SEQUENCE	SHEET 5 OF 11
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CV-I1007	ALTERNATIVE 1	CONSTRUCTION SEQUENCE	SHEET 7 OF 11
CV-I1008	ALTERNATIVE 2	CONSTRUCTION SEQUENCE	SHEET 8 OF 11
CV-I1009	ALTERNATIVE 3	CONSTRUCTION SEQUENCE	SHEET 9 OF 11
CV-I1010	ALTERNATIVE 3	CONSTRUCTION SEQUENCE	SHEET 10 OF 11
CV-I1011	ALTERNATIVE 5	CONSTRUCTION SEQUENCE	SHEET 11 OF 11

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REV	DATE	BY	CHK	APP	DESCRIPTION

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10/31/2017

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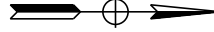






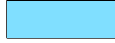





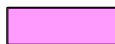
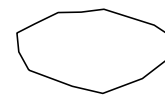


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3,5
 INDEX OF SHEETS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B0002
 SCALE
AS SHOWN
 SHEET NO.

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LEGEND

-  NORTH ARROW
-  PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT
-  PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT
-  LIMITS OF EXCAVATION (CUT)
-  LIMITS OF EMBANKMENT (FILL)
-  CONSTRUCTION STAGING / LAYDOWN AREA, ROCK CRUSHING PLANT, OR ROCK CRUSHING & PRECAST OPERATIONS YARD
-  PROPOSED RETAINING WALL
-  PHASE 1
-  PHASE 2
-  PHASE 3
-  CUT AREAS
-  FILL AREAS
-  MOIF, MOIS, LMF, TPF, TPS
-  RS-WA
-  POTENTIAL SPOIL SITE

GENERAL NOTES

1. DETAILED CONSTRUCTION SEQUENCE FOR GRADE SEPARATIONS IS NOT PROVIDED IN THIS SET OF PLANS. UTILITY RELOCATIONS ARE NOT SHOWN.
2. TRAFFIC DETOURS ARE NOT SHOWN IN THIS SET OF PLANS.
3. LAYDOWN AREAS, STAGING AREAS AND OTHER CONTRACTOR'S FACILITIES ARE INCLUDED IN THIS SET OF PLANS.
4. DETAILED PHASING OF LONG CHSR VIADUCTS ARE NOT SHOWN.
5. LMF (LIGHT MAINTENANCE FACILITY), MOIF (MAINTENANCE OF INFRASTRUCTURE FACILITY), MOIS (MAINTENANCE OF INFRASTRUCTURE SIDING), TPF (TRACTION POWER FACILITY), TPS (TRACTION POWER SUBSTATION) ARE SHOWN, BUT NOT INCLUDED IN THE SEQUENCING.
6. CONSTRUCTION PHASES WILL OVERLAP AS NEEDED TO REDUCE CONSTRUCTION DURATIONS.
7. DRAINAGE OVERCROSSINGS ALONG THE ALIGNMENTS ARE NOT SHOWN IN THE SEQUENCING PLANS.

ABBREVIATIONS

CHSR	CALIFORNIA HIGH-SPEED RAIL
D&B	DRILL AND BLAST
LMF	LIGHT MAINTENANCE FACILITY
MOIF	MAINTENANCE OF INFRASTRUCTURE FACILITY
OH	OVERHEAD
RS-WA	RAIL STORAGE & WELDING AREA
SEM	SEQUENTIAL EXCAVATION METHOD
STA	STATION
TPF	TRACTION POWER FACILITY
TPS	TRACTION POWER SUBSTATION
TBM	TUNNEL BORING MACHINE
UP/UC	UNDERPASS / UNDERCROSSING
UPRR	UNION PACIFIC RAILROAD

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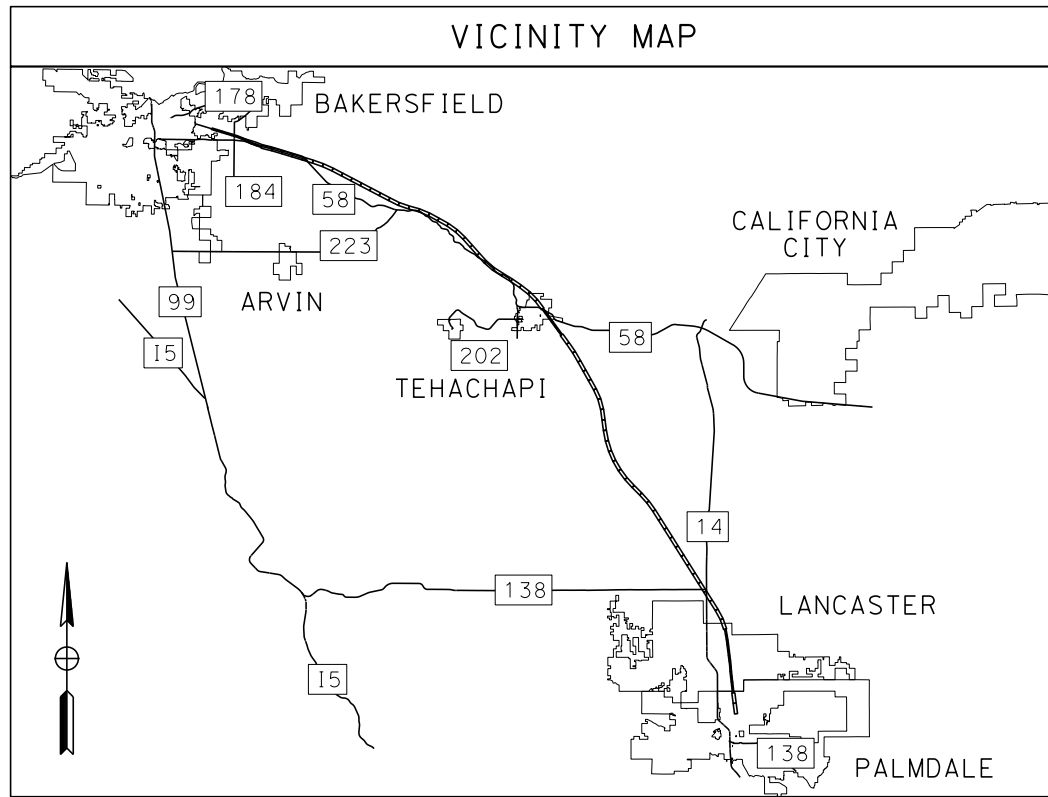
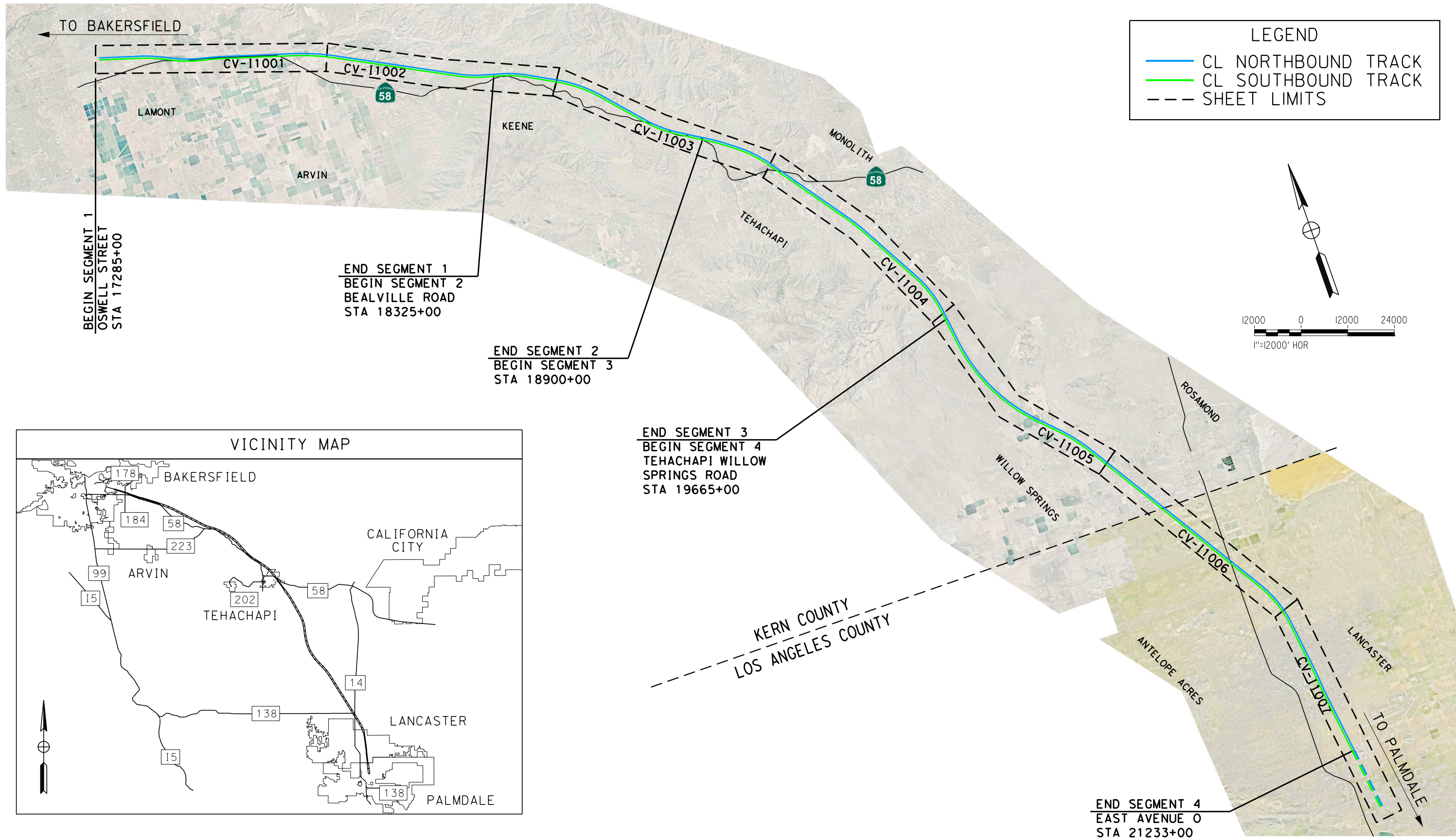
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 NOTES & LEGEND

CONTRACT NO. HSR13-44
DRAWING NO. CV-B0003
SCALE AS SHOWN
SHEET NO.



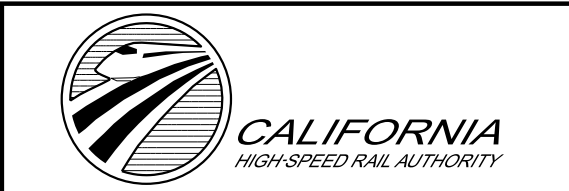
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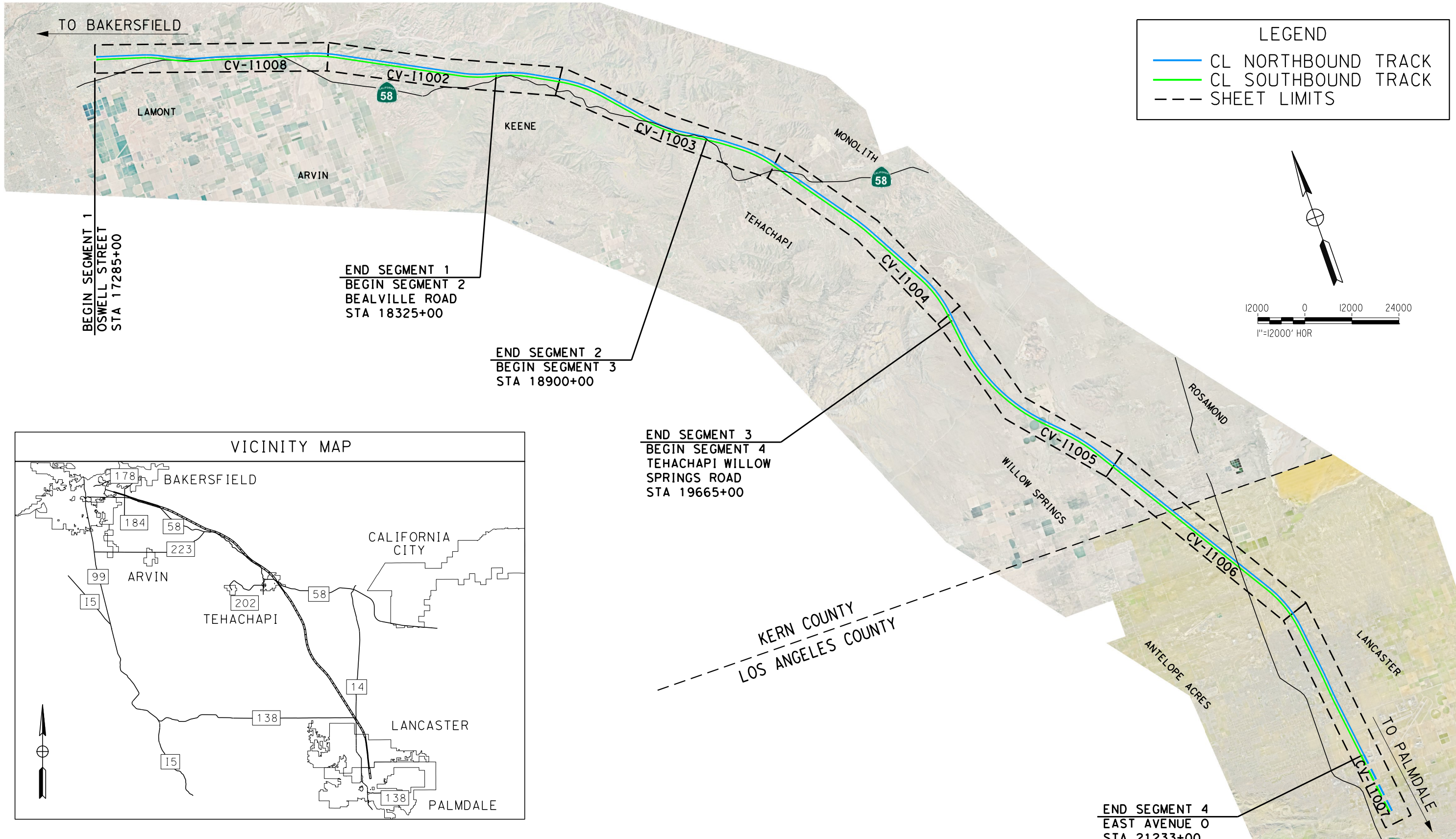
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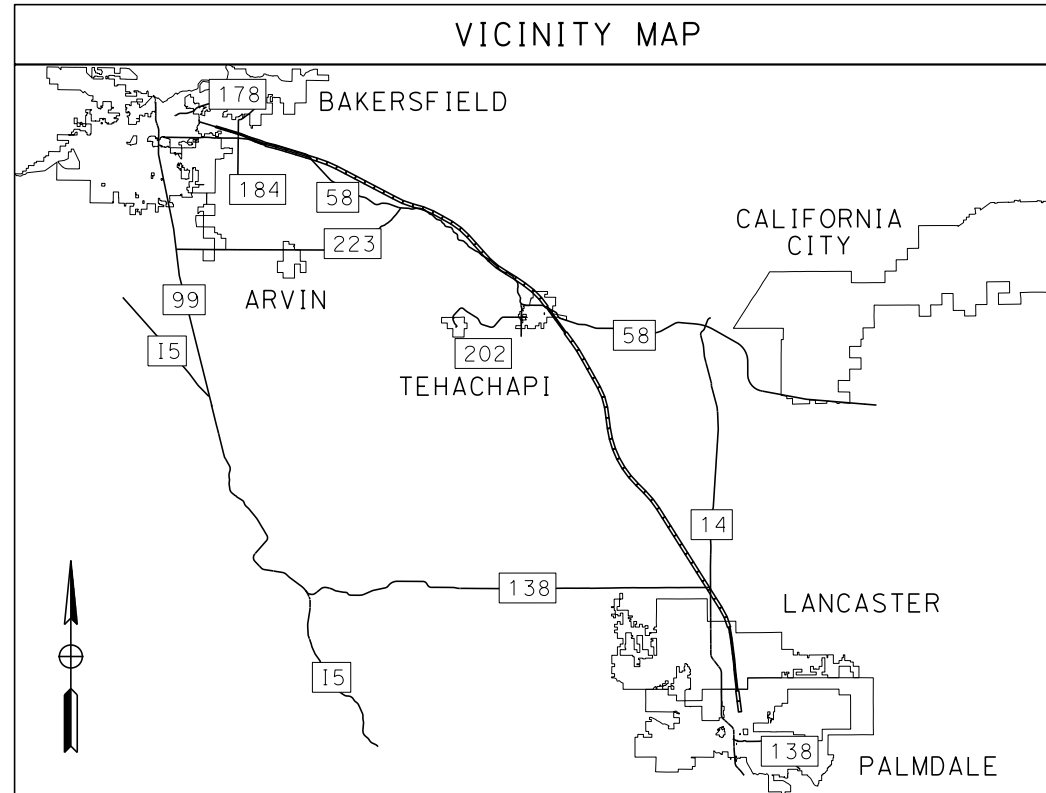
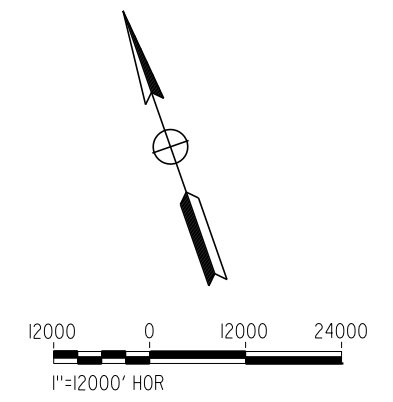
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1
 KEY MAP

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 CV-C0004
 SCALE
 AS SHOWN
 SHEET NO.



LEGEND

- CL NORTHBOUND TRACK
- CL SOUTHBOUND TRACK
- - - SHEET LIMITS



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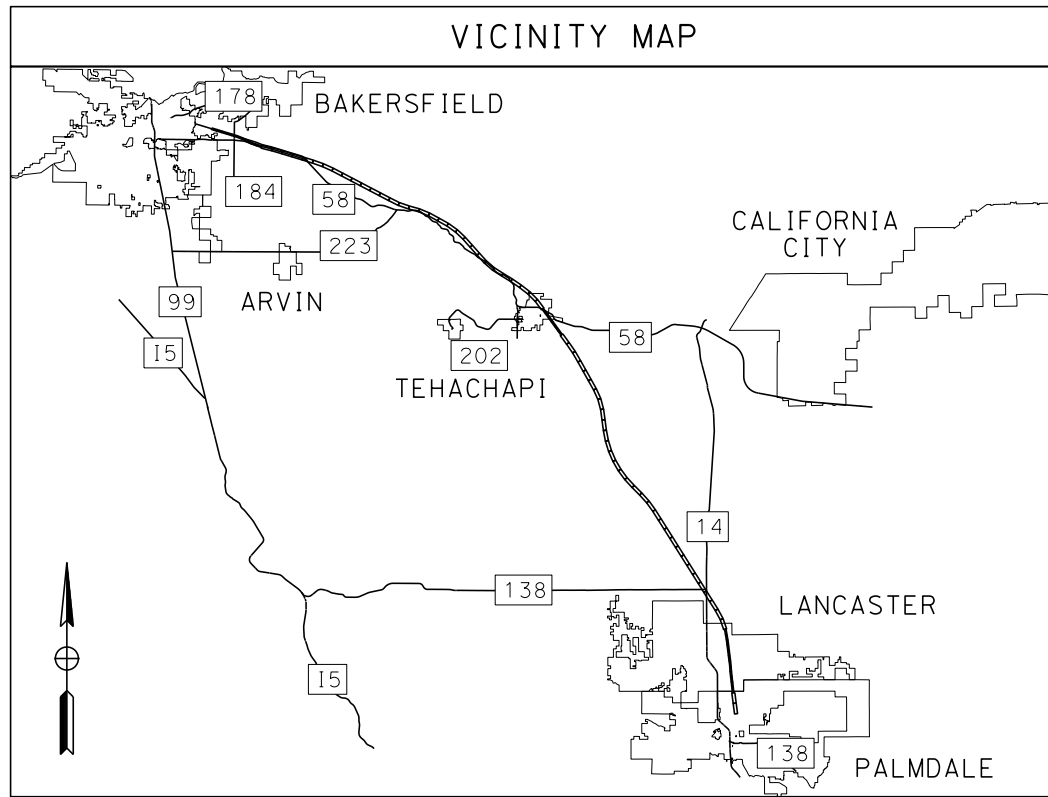
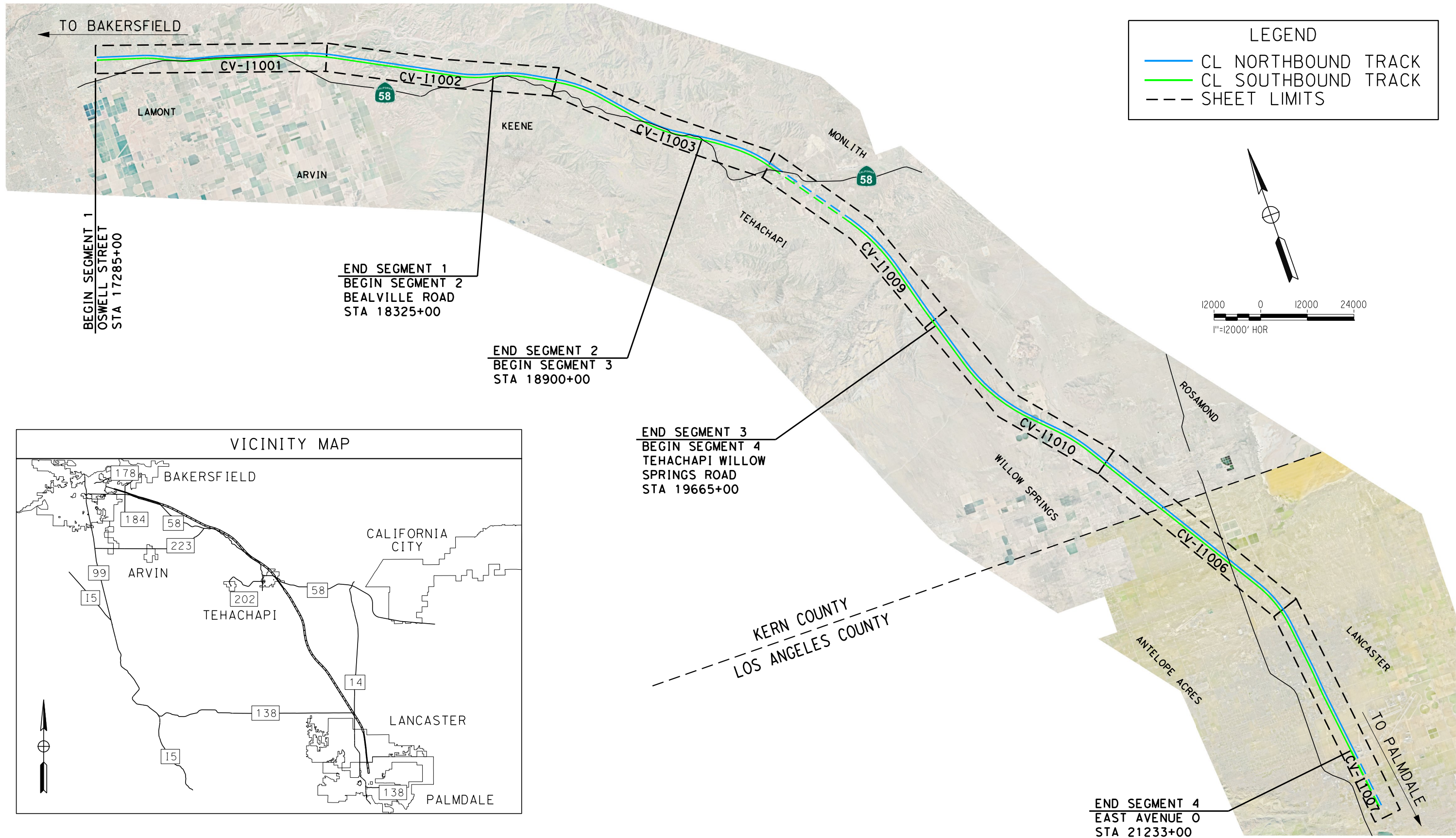
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 2
 KEY MAP

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 CV-C0005
 SCALE
 AS SHOWN
 SHEET NO.



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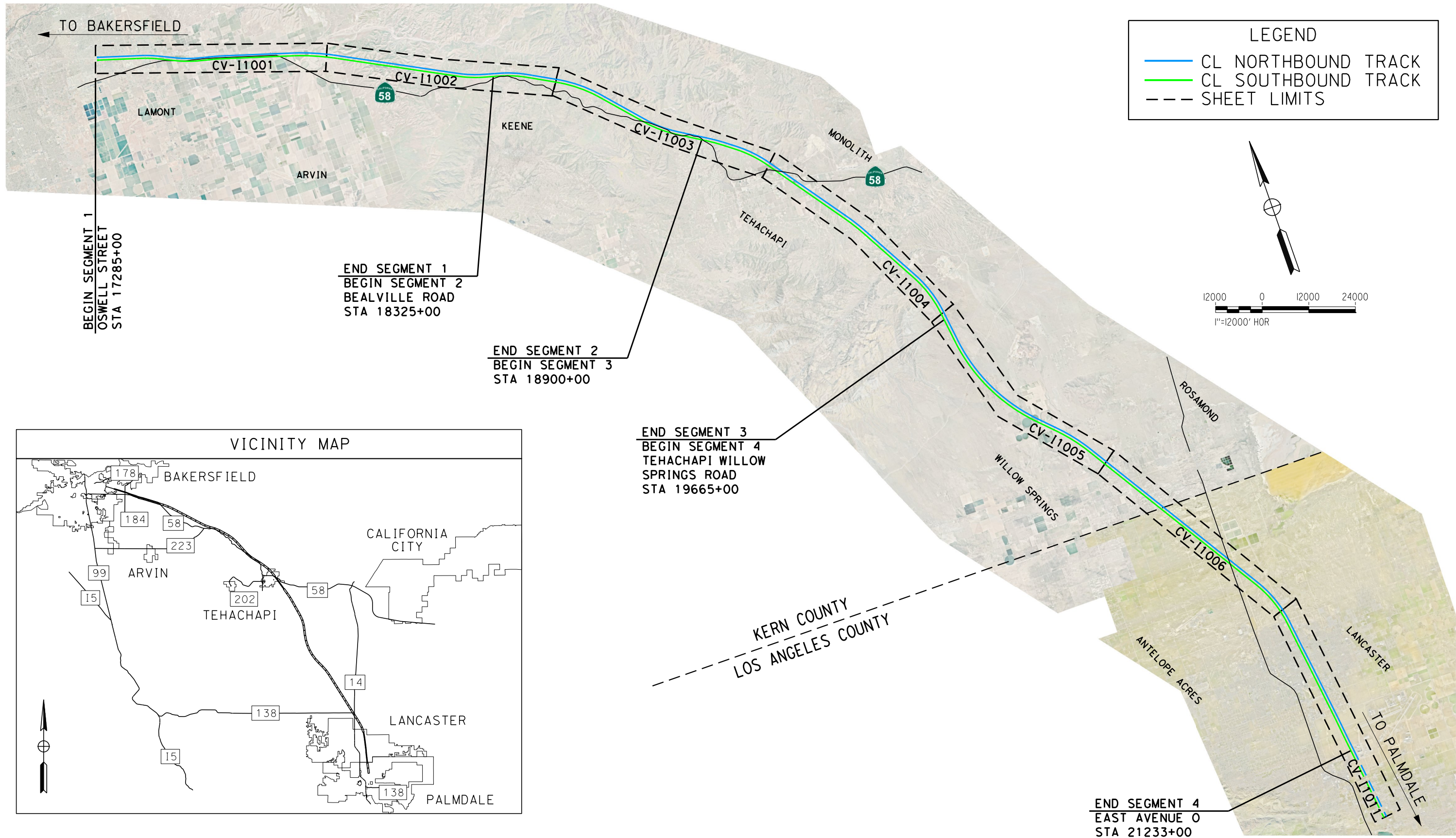
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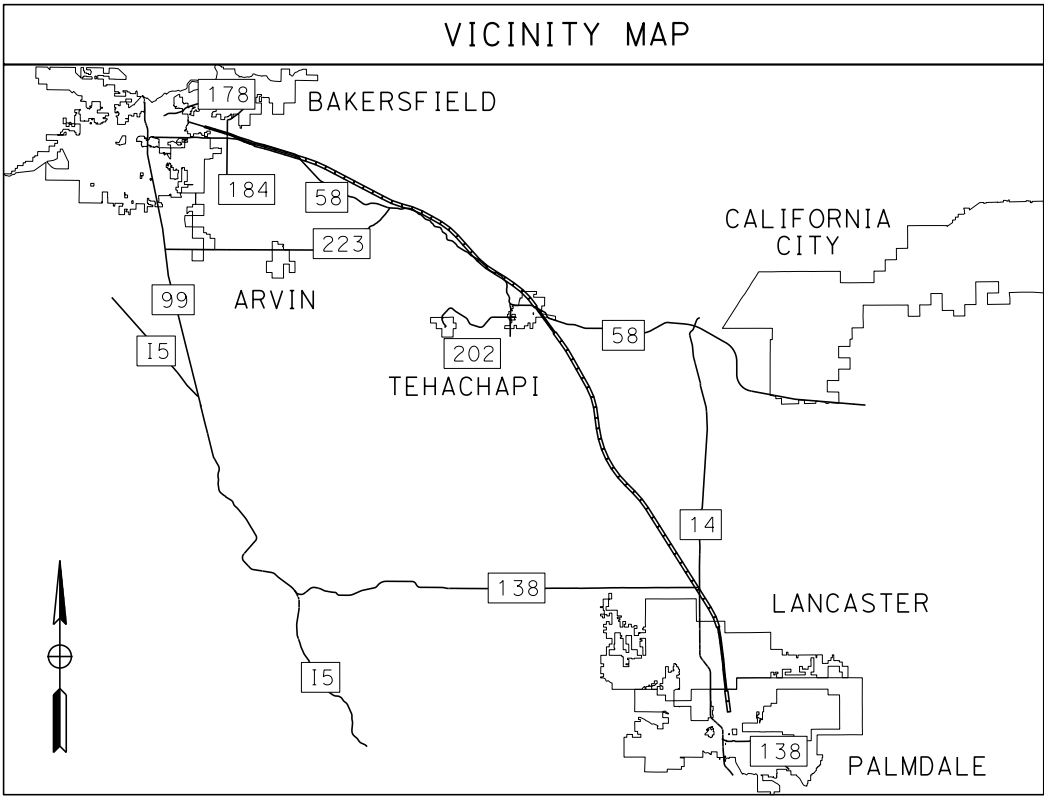
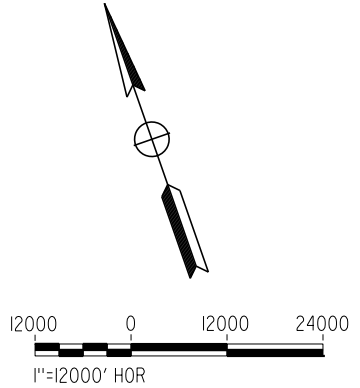
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 3
 SHEET 1 OF 1

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 CV-C0006
 SCALE
 AS SHOWN
 SHEET NO.



LEGEND

- CL NORTHBOUND TRACK
- CL SOUTHBOUND TRACK
- - - SHEET LIMITS



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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 5
 KEY MAP

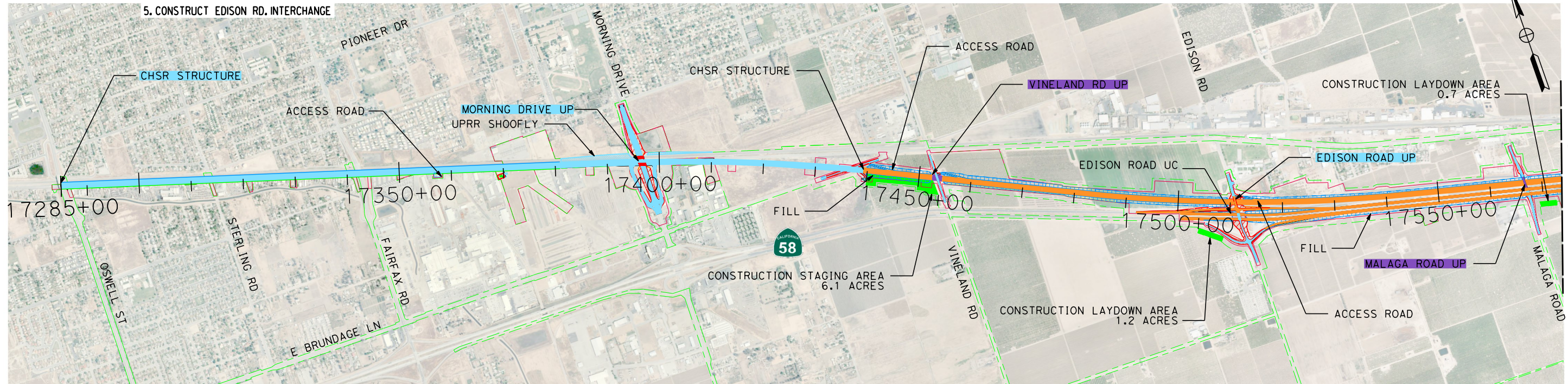
CONTRACT NO.
 HSR13-44
 DRAWING NO.
 CV-C0007
 SCALE
 AS SHOWN
 SHEET NO.

SEGMENT I

- PHASE 1**
1. CONSTRUCT CHSR STRUCTURE 17285+00
 2. CONSTRUCT ACCESS ROADS, MASS GRADING, AND CONSTRUCTION STAGING SITES
 3. CONSTRUCT TEMP UPRR SHOOFLY
 4. CONSTRUCT MORNING DRIVE UP
 5. CONSTRUCT EDISON RD. INTERCHANGE

- PHASE 2**
1. CONSTRUCT VINELAND RD. UP
 2. CONSTRUCT MALAGA RD. UP

- PHASE 3**
1. REALIGN SR-58 TO ULTIMATE
- "ALL OTHER WORK SCHEDULED AT CONTRACTOR'S DISCRETION"

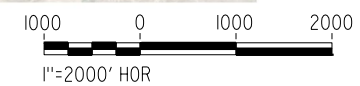
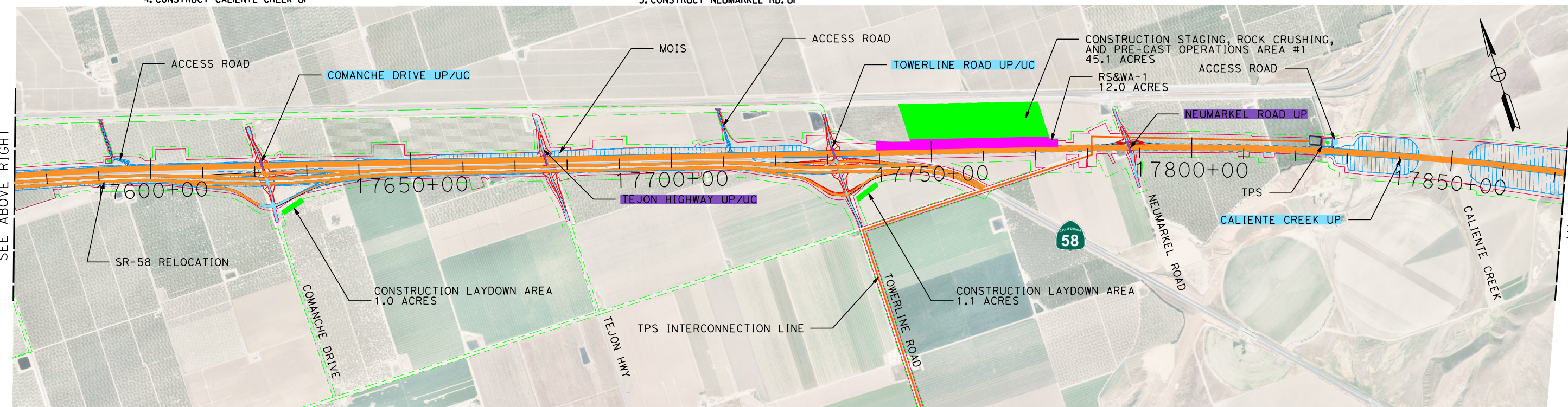


SEGMENT I

- PHASE 1**
1. SR-58 TEMPORARY RE-ALIGN SR-58 (110+00 TO MULLER RD.)
 2. CONSTRUCT COMANCHE DR. INTERCHANGE
 3. CONSTRUCT TOWERLINE RD. INTERCHANGE
 4. CONSTRUCT CALIENTE CREEK UP

- PHASE 2**
1. CONSTRUCT SR-58 (110+00 TO MULLER RD.)
 2. CONSTRUCT TEJON HWY. UP
 3. CONSTRUCT NEUMARKEL RD. UP

- PHASE 3**
- "ALL OTHER WORK SCHEDULED AT CONTRACTOR'S DISCRETION"



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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 1
CONSTRUCTION SEQUENCING
SHEET 1 OF 11

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-11001

SCALE
AS SHOWN

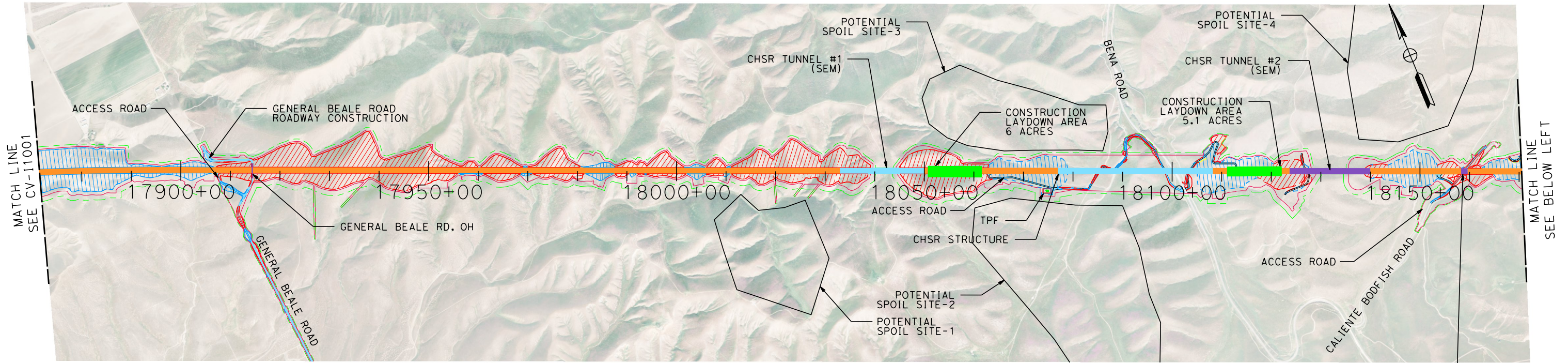
SHEET NO.

SEGMENT 1

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3

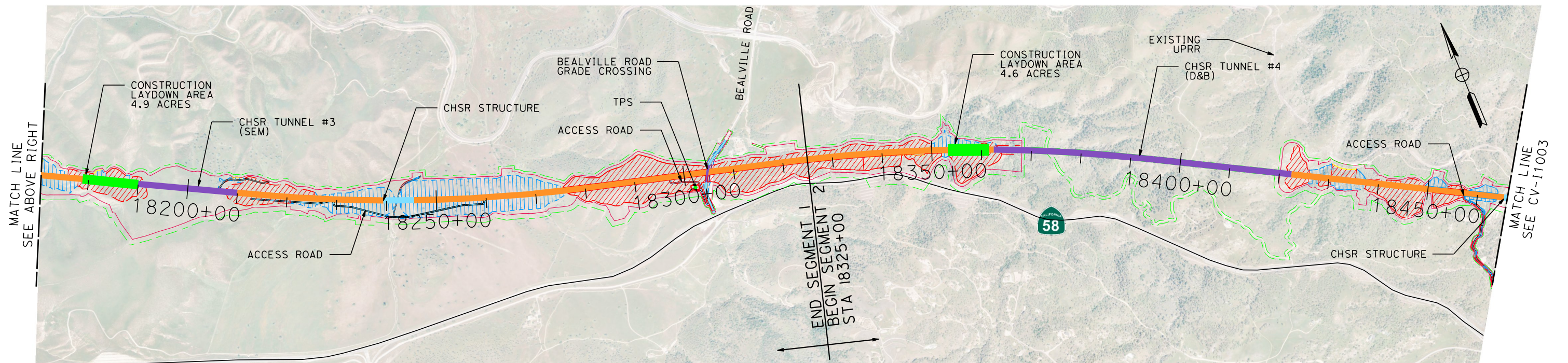


SEGMENT 1/2

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3



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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1
CONSTRUCTION SEQUENCING
SHEET 2 OF 11

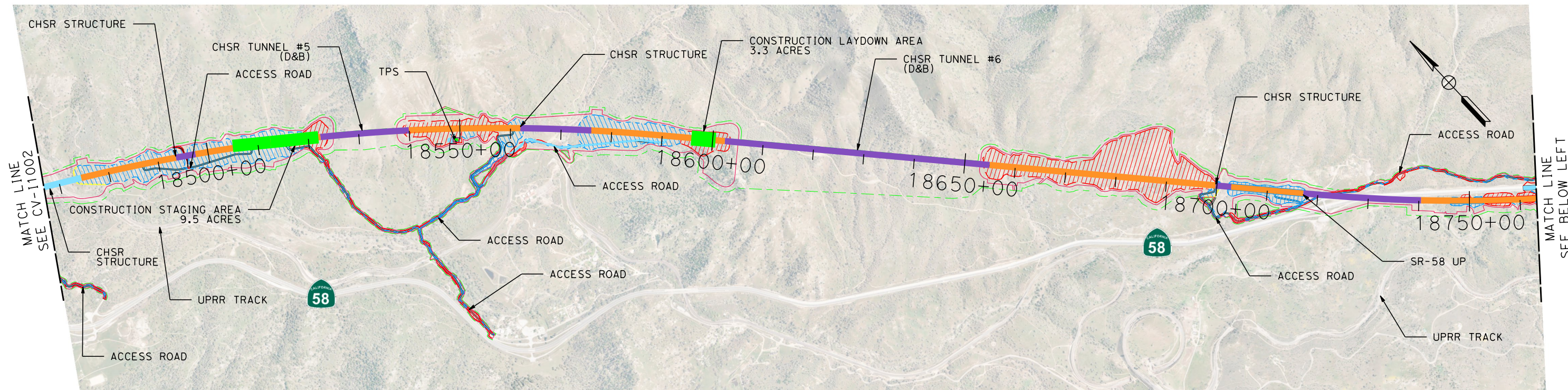
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-11002
SCALE
AS SHOWN
SHEET NO.

SEGMENT 2

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3

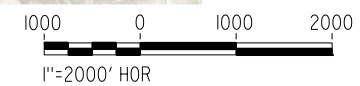
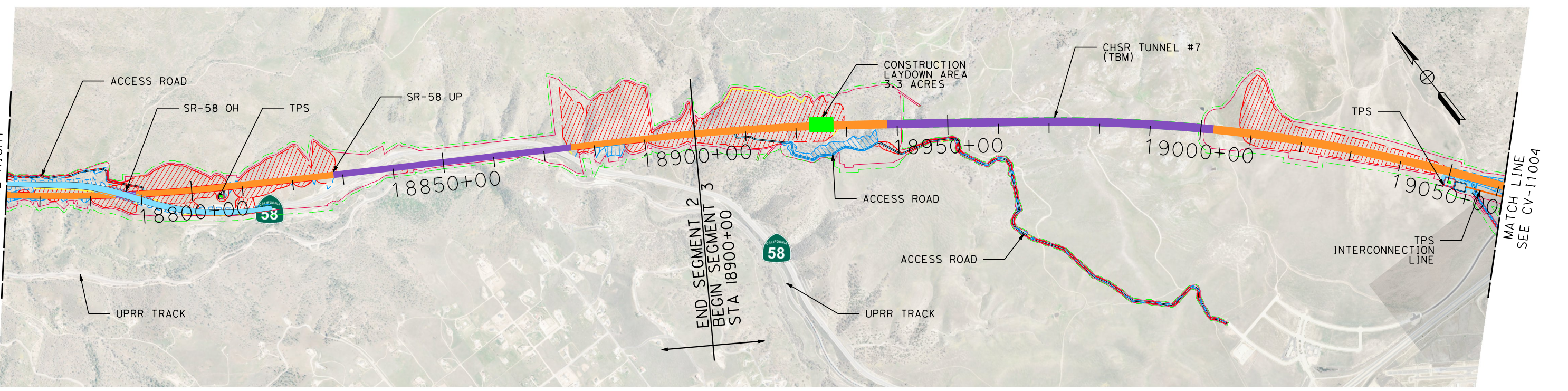


SEGMENT 2/3

PHASE 1
"ALL PHASING AT CONTRACTOR'S DISCRETION"

PHASE 2

PHASE 3



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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1
 CONSTRUCTION SEQUENCING
 SHEET 3 OF 11

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-11003
 SCALE
AS SHOWN
 SHEET NO.