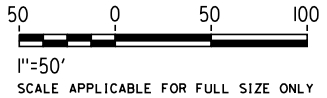


MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	SEWER	18" VCP	STA SOC 1447+25/ OAK ST.	CITY OF ANAHEIM	PROTECT-IN-PLACE
②	STREET LIGHTING	CONDUIT (UG)	STA SOC 1453+50/ BROADWAY ST.	CITY OF ANAHEIM	PROTECT-IN-PLACE
③	GAS	2"	STA SOC 1453+50	SCG	PROTECT-IN-PLACE
④	ELECTRIC	CONDUIT (UG)	STA SOC 1453+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑤	GAS	10"	STA SOC 1453+50	SCG	PROTECT-IN-PLACE
⑥	WATER	8" CIP	STA SOC 1453+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑦	STORM DRAIN	30" RCP	STA SOC 1453+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑧	WATER	12" DIP	STA SOC 1453+75	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑨	WATER	4" CIP	STA SOC 1453+75	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑩	ELECTRIC	CONDUIT (UG)	STA SOC 1454+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑪	STREET LIGHTING	CONDUIT (UG)	STA SOC 1454+00	CITY OF ANAHEIM	PROTECT-IN-PLACE

MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
⑫	WATER	UNKNOWN	STA SOC 1445+85	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑬	ELECTRIC	CONDUIT (UG)	STA SOC 1445+95	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑭	SEWER	18" VCP	STA SOC 1452+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑮	SEWER	18" VCP	STA SOC 1455+50	CITY OF ANAHEIM	PROTECT-IN-PLACE



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DESIGNED BY	C. HUANG
DRAWN BY	C. HUANG
CHECKED BY	A. BOSCH
IN CHARGE	J. SWANSON
DATE	08/29/25

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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

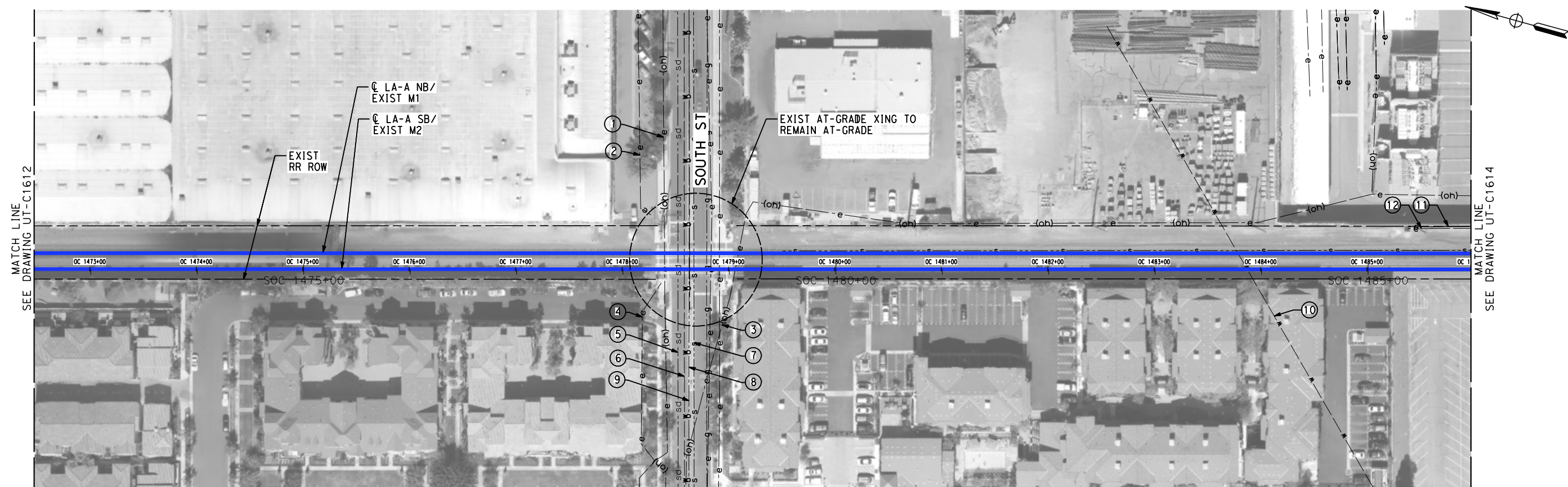
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
STA SOC 1445+50 TO STA SOC 1459+00

CONTRACT NO.	HSR06-0005
DRAWING NO.	UT-C1611
SCALE	1" = 50'
SHEET NO.	



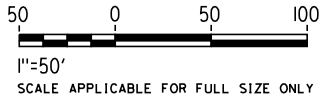






MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	COMMUNICATION	FIBER OPTIC (OH)	STA SOC 1478+25/ SOUTH ST.	AT&T - TCA	PROTECT-IN-PLACE
②	COMMUNICATION	FIBER OPTIC/ CABLE TV (OH)	STA SOC 1478+25	AT&T - TCA	PROTECT-IN-PLACE
③	ELECTRIC (OH)	12 kV (OH)	STA SOC 1478+75 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
④	STREET LIGHTING	CONDUIT (UG)	STA SOC 1478+75	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑤	STORM DRAIN	72" RCP	STA SOC 1478+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑥	WATER	12" DIP	STA SOC 1478+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑦	SEWER	8" VCP	STA SOC 1478+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑧	WATER	6" DIP	STA SOC 1478+75	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑨	GAS	3" GAS	STA SOC 1478+75	SCG	PROTECT-IN-PLACE
⑩	WATER	TREATED WATER	STA SOC 1484+00	MWD	PROTECT-IN-PLACE
⑪	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑫	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE



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IN CHARGE J. SWANSON
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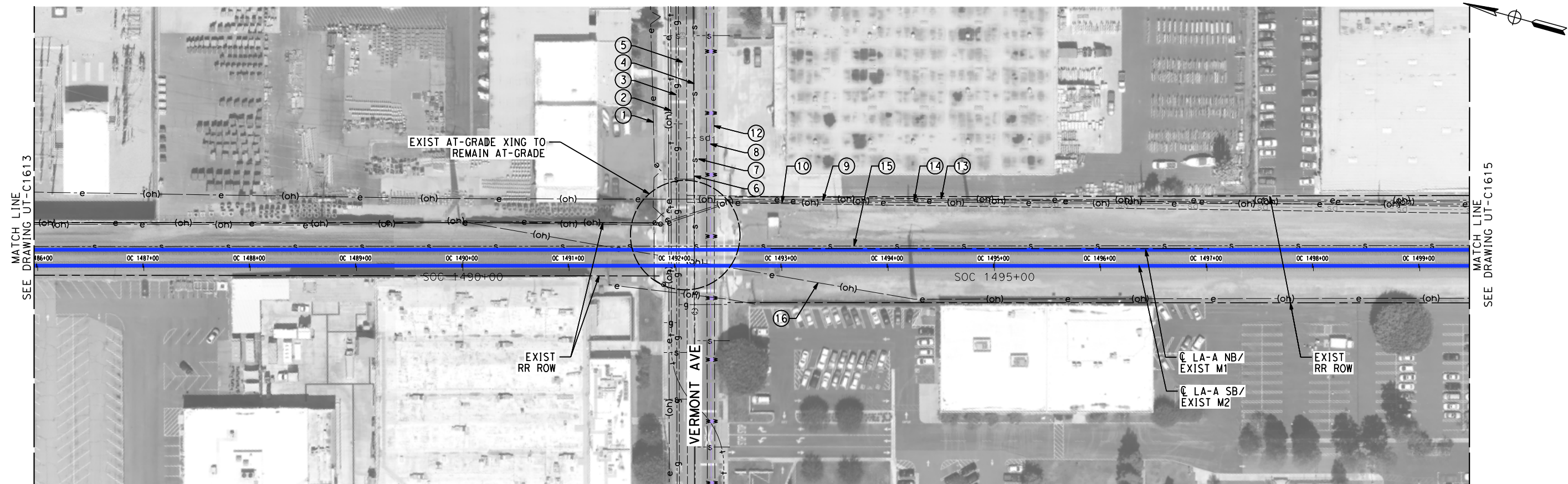
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
STA SOC 1472+50 TO STA SOC 1486+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1613
SCALE 1" = 50'
SHEET NO.



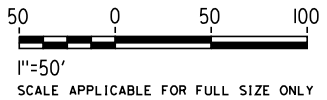


MAJOR UTILITY CONFLICTS


No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	COMMUNICATION	CABLE TV (OH)	STA SOC 1492+00/ VERMONT AVE.	WILCON (FREEDOM)	PROTECT-IN-PLACE
②	COMMUNICATION	1-4" TELEPHONE (UG) CONDUIT	STA SOC 1492+00	AT&T	PROTECT-IN-PLACE
③	GAS	4"	STA SOC 1492+00	SCG	PROTECT-IN-PLACE
④	SEWER	6" VCP	STA SOC 1492+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑤	STORM DRAIN	90" RCP	STA SOC 1492+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑥	SEWER	18" VCP WITH 42" STEEL CASING	STA SOC 1492+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑦	WATER	16" DIP	STA SOC 1492+25	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑧	WATER	84" WELDED STEEL PIPE	STA SOC 1492+25	MWD	PROTECT-IN-PLACE
⑨	STORM DRAIN	30" RCP	STA SOC 1492+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑩	ELECTRIC (OH)	12 kV (OH)	STA SOC 1478+75 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑪	COMMUNICATION	FIBER OPTIC (UG)	STA SOC 1492+50	AT&T - TCA	PROTECT-IN-PLACE

MAJOR UTILITY CONFLICTS

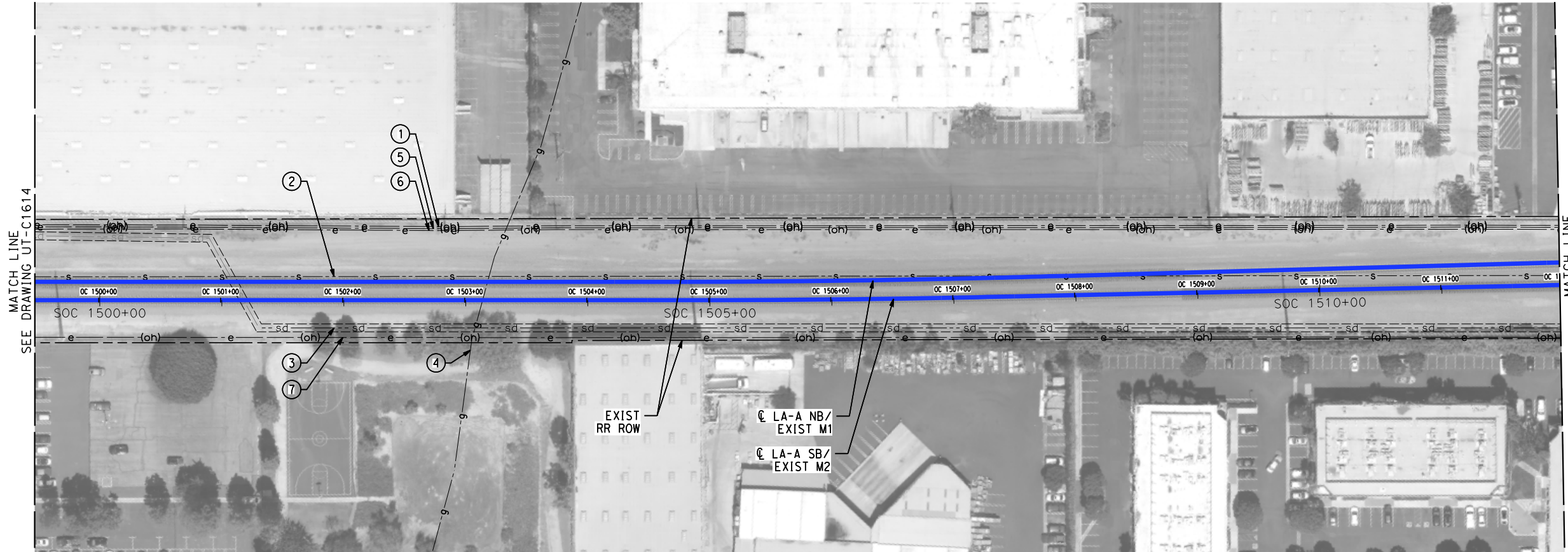
No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
⑫	WATER	UNKNOWN	STA SOC 1492+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑬	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑭	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑮	SEWER	UNKNOWN	STA SOC 1486+00 TO STA SOC 1499+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑯	ELECTRIC (OH)	UNKNOWN	STA SOC 1490+00 TO STA SOC 1524+50	CITY OF ANAHEIM	PROTECT-IN-PLACE



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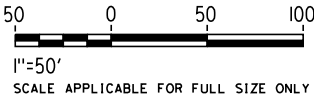
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						DRAWN BY C. HUANG					DRAWING NO. UT-C1614
						CHECKED BY A. BOSCH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						





MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
②	SEWER	27" RCP	STA SOC 1479+50 TO STA SOC 1613+68	CITY OF ANAHEIM	PROTECT-IN-PLACE
③	STORM DRAIN	33" RCP	STA SOC 1591+50 TO STA SOC 1512+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
④	GAS	GAS	STA SOC 1503+00	SCG	PROTECT-IN-PLACE
⑤	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑥	ELECTRIC (OH)	12 kV (OH)	STA SOC 1478+75 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑦	ELECTRIC (OH)	UNKNOWN	STA SOC 1490+00 TO STA SOC 1524+50	CITY OF ANAHEIM	PROTECT-IN-PLACE



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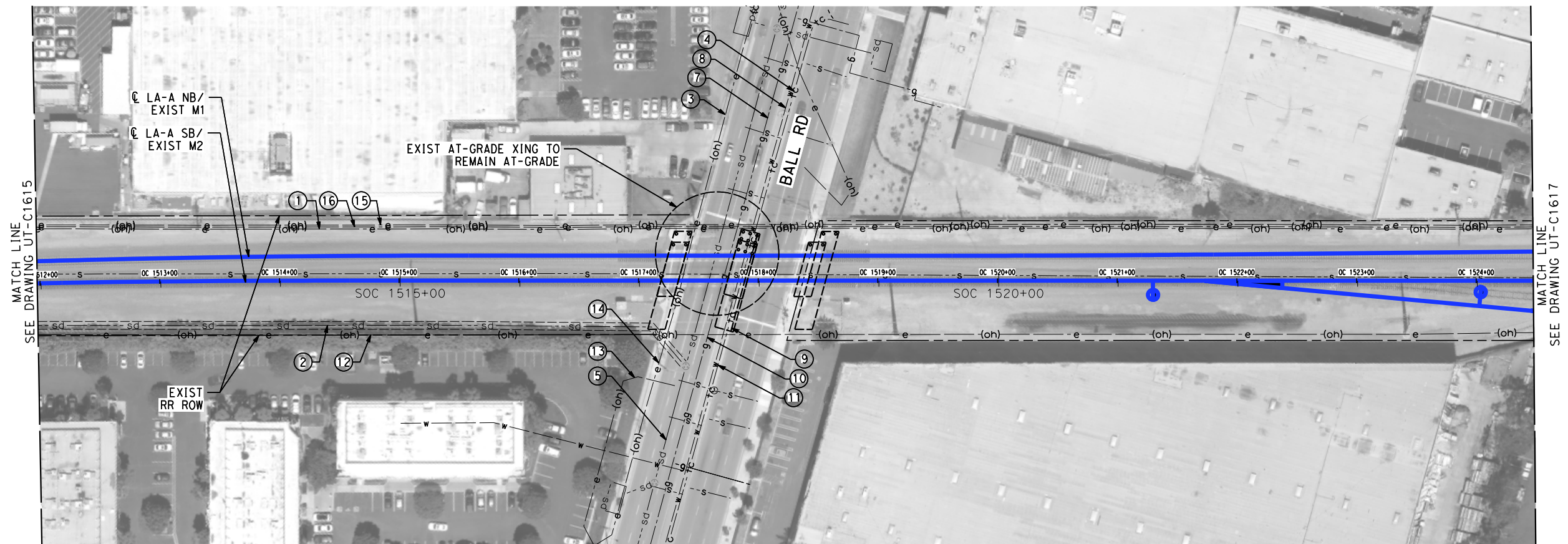
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
STA SOC 1499+50 TO STA SOC 1512+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1615
SCALE 1" = 50'
SHEET NO.





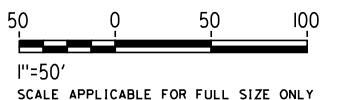
MAJOR UTILITY CONFLICTS



No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	ELECTRIC (OH)	12 kV (OH)	STA SOC 1478+75 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
②	STORM DRAIN	33" RCP	STA SOC 1512+00 TO STA SOC 1516+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
③	ELECTRIC (OH)	12 kV (OH)	STA SOC 1517+25/ BALL ROAD	CITY OF ANAHEIM	PROTECT-IN-PLACE
④	COMMUNICATION	FIBER OPTIC CABLE (OH)	STA SOC 1483+00 TO STA SOC 1539+00	WILCON (FREEDOM)	PROTECT-IN-PLACE
⑤	STORM DRAIN	48" RCP	STA SOC 1517+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑥	NOT USED				
⑦	GAS	12 3/4"	STA SOC 1517+75	SCG	PROTECT-IN-PLACE
⑧	WATER	18" CCCP	STA SOC 1517+75	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑨	SEWER	18" VCP	STA SOC 1517+75	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑩	GAS	GAS	STA SOC 1517+75	SCG	PROTECT-IN-PLACE

### MAJOR UTILITY CONFLICTS

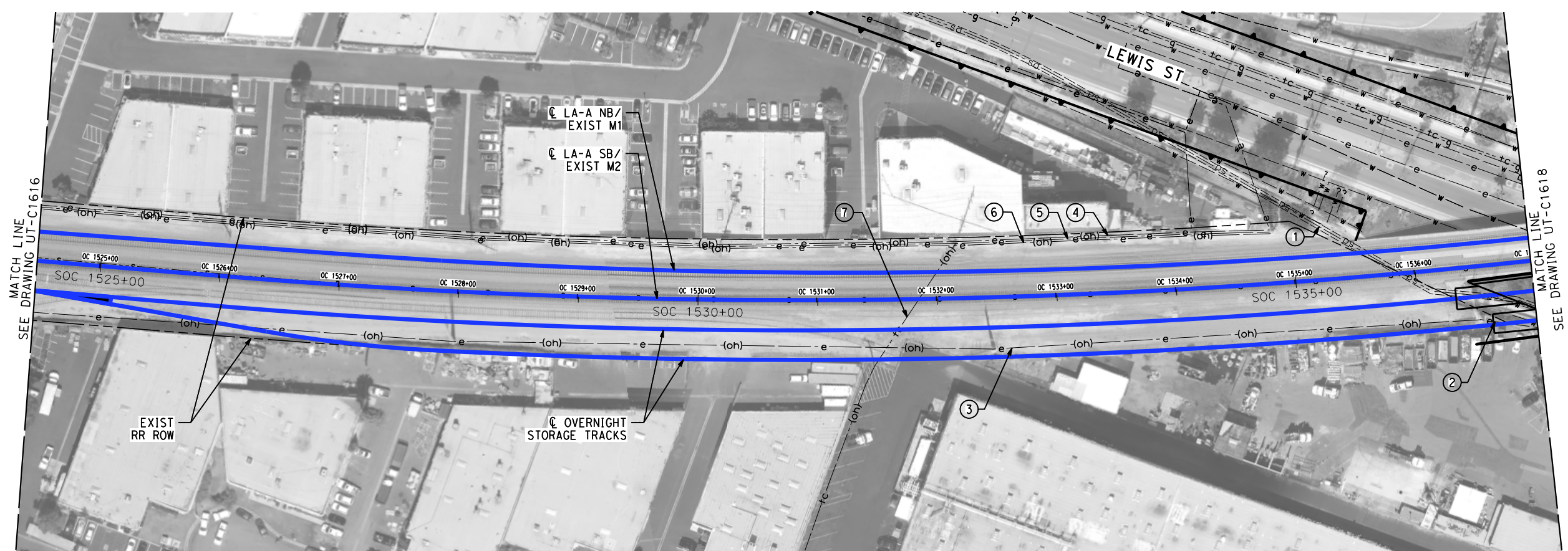
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⑪	COMMUNICATION	BURIED CABLE CONDUIT	STA SOC 1517+75	VERIZON BUSINESS (MCI)	PROTECT-IN-PLACE
⑫	ELECTRIC (OH)	UNKNOWN	STA SOC 1490+00 TO STA SOC 1524+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑬	NOT USE	-	-	-	-
⑭	ELECTRIC (OH)	12kV (OH)	STA SOC 1512+50 TO STA SOC 1524+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑮	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑯	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE

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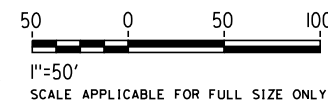
						DESIGNED BY C. HUANG	<div>PEPD SUBMITTAL FOR INTERNAL USE ONLY</div> <div>NOT FOR CONSTRUCTION</div>	<div></div> <div></div> <div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div>	<div><b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b></div> <div>RECORD SET</div> <div>PRELIMINARY ENGINEERING FOR PROJECT DEFINITION EXISTING COMPOSITE UTILITIES PLAN STA SOC 1512+00 TO STA SOC 1524+50</div>	CONTRACT NO. HSR06-0005
					DRAWN BY C. HUANGE	DRAWING NO. UT-C1616				
					CHECKED BY A. BOSCH	SCALE 1" = 50'				
					IN CHARGE J. SWANSON	SHEET NO.				
					DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION					





MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	STORM DRAIN	54" RCP	STA SOC 1536+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
②	ELECTRIC (OH)	UNKNOWN	STA SOC 1536+10 TO STA SOC 1537+00	CITY OF ANAHEIM	RELOCATE
③	ELECTRIC (OH)	UNKNOWN	STA SOC 1524+50 TO STA SOC 1537+00	CITY OF ANAHEIM	RELOCATE
④	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑤	ELECTRIC (OH)	69 kV (OH)	STA SOC 1485+50 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑥	ELECTRIC (OH)	12 kV (OH)	STA SOC 1478+75 TO STA SOC 1534+90	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑦	TELECOM (OH)	UNKNOWN	STA SOC 1531+80	UNKNOWN	RELOCATE



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IN CHARGE J. SWANSON
DATE 02/28/25

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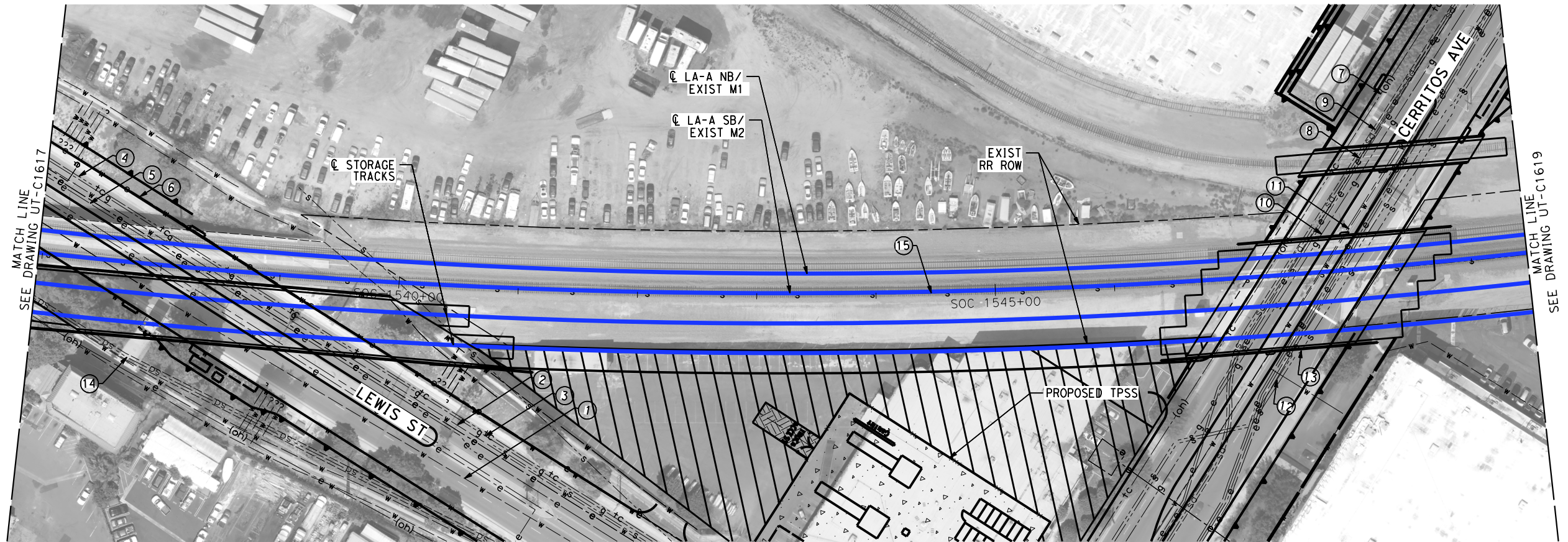
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET

PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
STA SOC 1524+50 TO STA SOC 1537+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1617
SCALE 1" = 50'
SHEET NO.

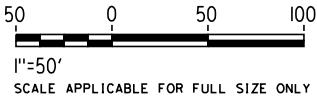




MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	WATER	34" WELDED STEEL PIPE	STA SOC 1537+25/ LEWIS ST.	CITY OF ANAHEIM	RELOCATE
②	WATER	16" CCP	STA SOC 1538+25	CITY OF ANAHEIM	RELOCATE
③	GAS	12" HIGH PRESSURE (HP)	STA SOC 1538+50	CITY OF ANAHEIM	RELOCATE
④	COMMUNICATION	FIBER OPTIC (UG)	STA SOC 1538+50	WILCON (FREEDOM)	RELOCATE
⑤	ELECTRIC	12kV (UG)	STA SOC 1538+00	CITY OF ANAHEIM	RELOCATE
⑥	COMMUNICATION	FIBER OPTIC CABLE (OH)	STA SOC 1539+00	FOUR CORNERS PIPELINE CO.	RELOCATE
⑦	COMMUNICATION	CABLE TV (OH)	STA SOC 1548+00/ CERRITOS AVE.	SCG	RELOCATE
⑧	ELECTRIC	12kV (UG)	STA SOC 1548+00	CITY OF ANAHEIM	RELOCATE
⑨	STORM DRAIN	51", 24" RCP	STA SOC 1547+50	CITY OF ANAHEIM	RELOCATE
⑩	GAS	6"	STA SOC 1547+50	SCG	RELOCATE
⑪	WATER	12" CIP WITH 20" STEEL CASING	STA SOC 1547+75	CITY OF ANAHEIM	RELOCATE
⑫	SEWER	8" VCP WITH 20" STEEL CASING	STA SOC 1548+00	CITY OF ANAHEIM	RELOCATE
⑬	SEWER	10" VCP WITH 20" STEEL CASING	STA SOC 1548+00	CITY OF ANAHEIM	RELOCATE
⑭	STORM DRAIN	54" RCP	STA SOC 1537+00 TO STA SOC 1549+50	CITY OF ANAHEIM	RELOCATE
⑮	SEWER	UNKNOWN	STA SOC 1537+00 TO STA SOC 1549+50	CITY OF ANAHEIM	RELOCATE

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IN CHARGE J. SWANSON
DATE 02/28/25

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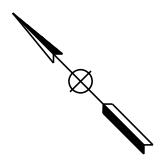
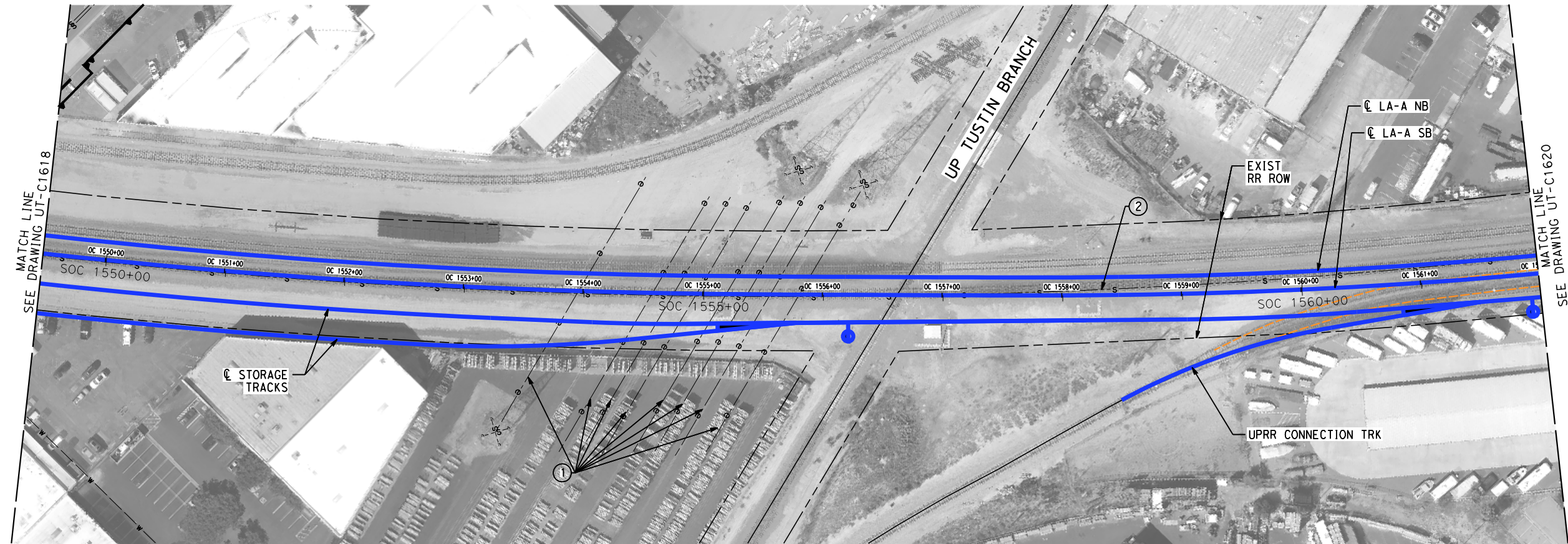
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
STA SOC 1537+00 TO STA SOC 1549+50

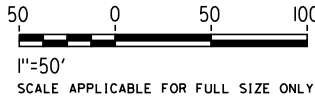
CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1618
SCALE 1" = 50'
SHEET NO.





MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	ELECTRIC	TRANSMISSION (OH)	STA SOC 1554+00 TO STA SOC 1556+00	SCE	RELOCATE
②	SEWER	UNKNOWN	STA SOC 1549+50 TO STA SOC 1562+00	CITY OF ANAHEIM	RELOCATE



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IN CHARGE J. SWANSON
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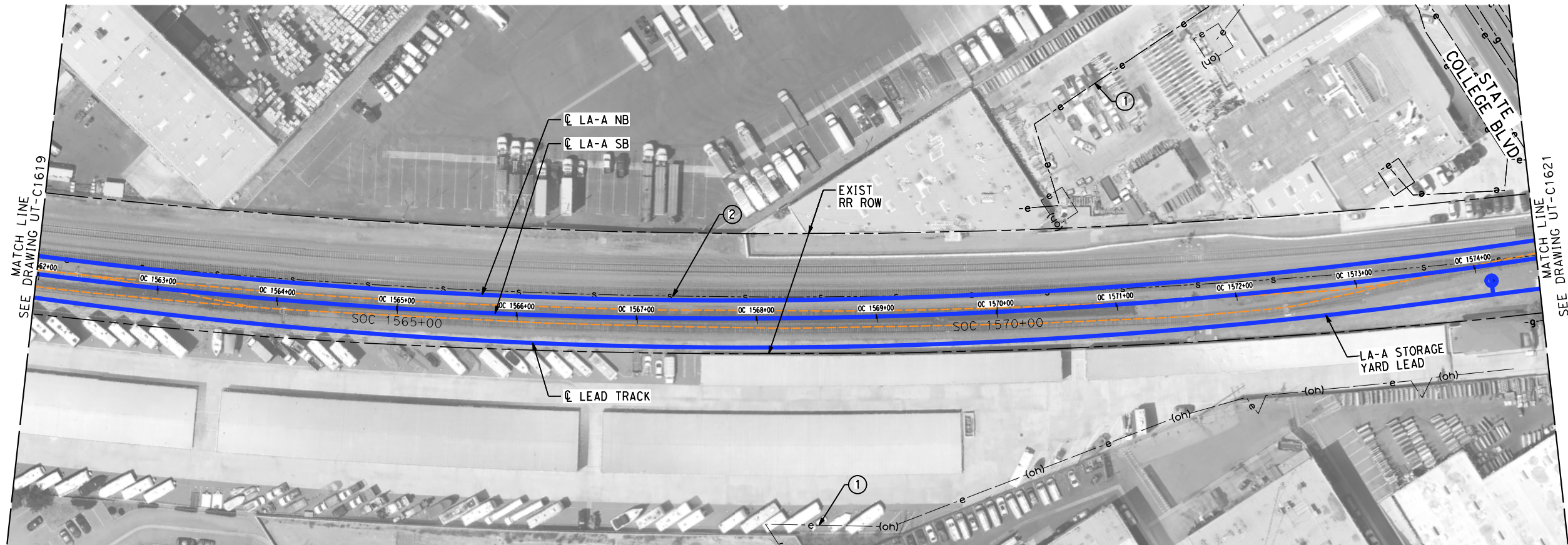
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
STA SOC 1549+50 TO STA SOC 1562+00

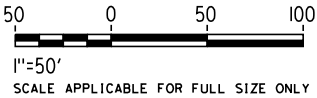
CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1619
SCALE 1" = 50'
SHEET NO.





MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	ELECTRIC	TRANSMISSION (OH)	STA SOC 1567+25 TO STA SOC 1574+00	SCE	RELOCATE
②	SEWER	UNKNOWN	STA SOC 1562+00 TO STA SOC 1574+50	CITY OF ANAHEIM	RELOCATE



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IN CHARGE J. SWANSON
DATE 02/28/25

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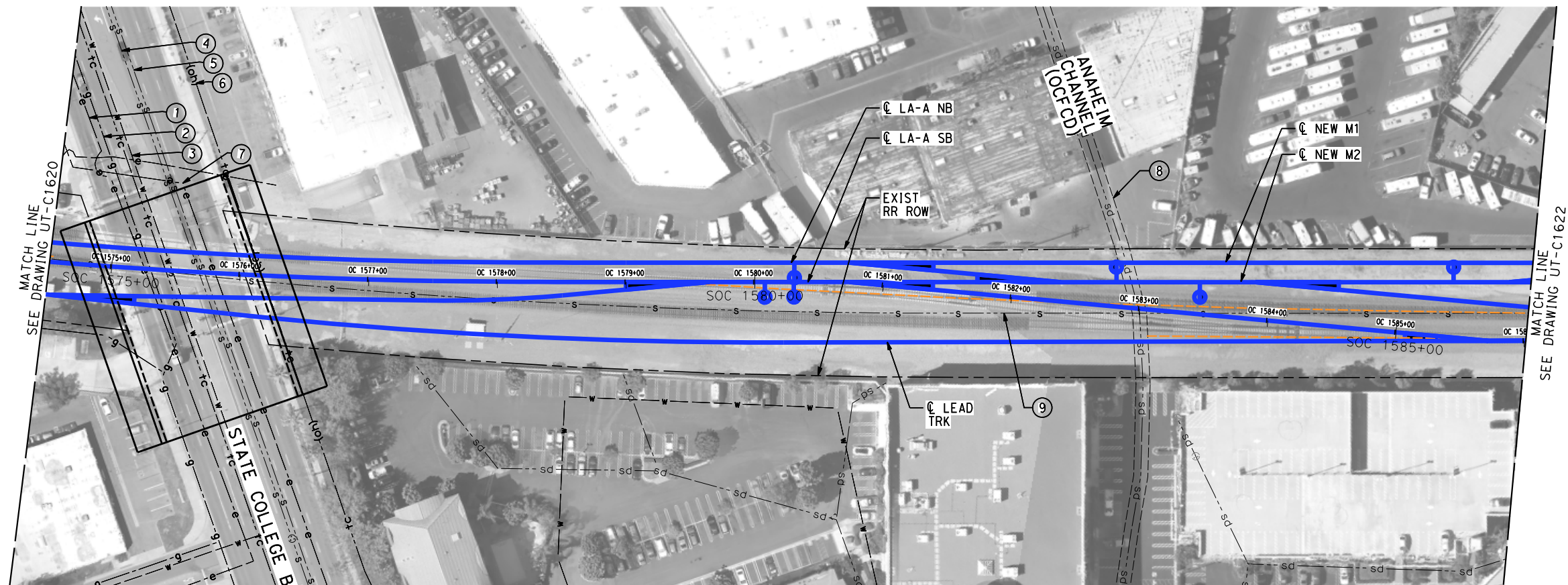
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
STA SOC 1562+00 TO STA SOC 1574+50

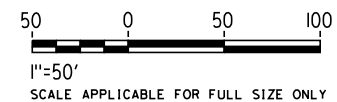
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DRAWING NO. UT-C1620
SCALE 1" = 50'
SHEET NO.






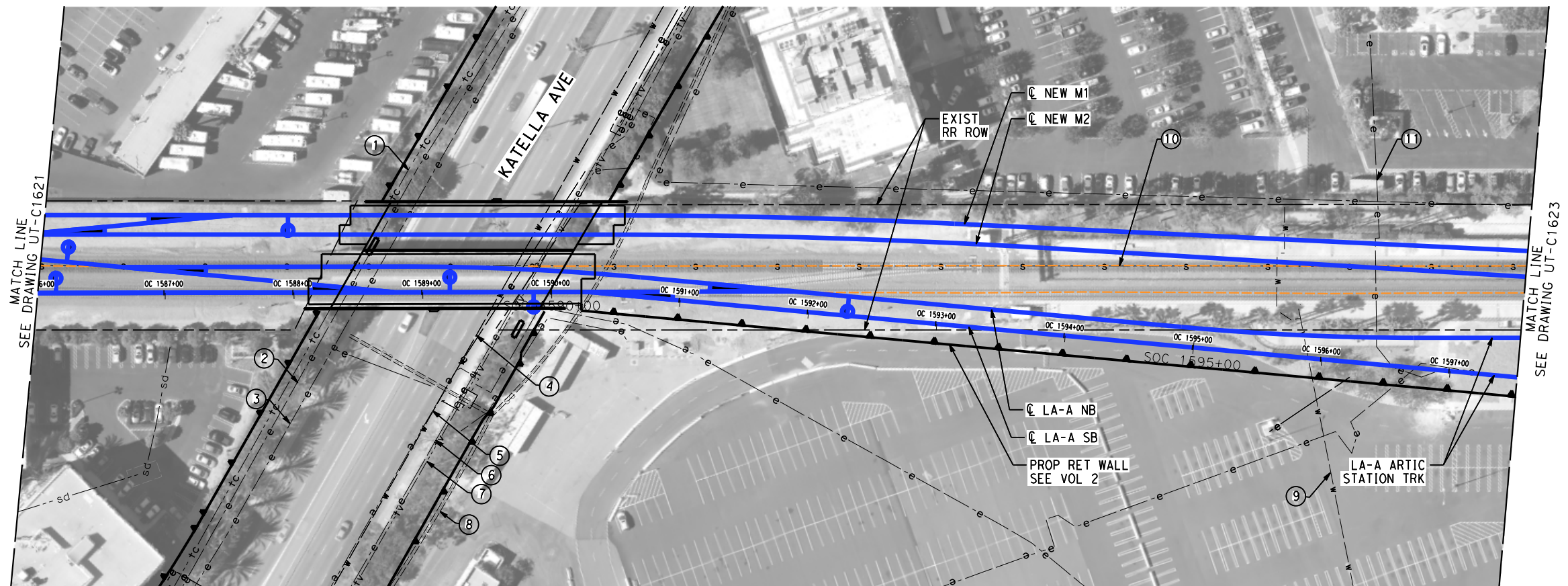
## MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	ELECTRIC	12kV (UG)	STA SOC 1575+25/ STATE COLLEGE BL.	CITY OF ANAHEIM	PROTECT-IN-PLACE
②	GAS	6"	STA SOC 1575+25	CITY OF ANAHEIM	PROTECT-IN-PLACE
③	WATER	18" CIP	STA SOC 1575+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
④	SEWER	39" VCP	STA SOC 1575+75	OCFCD	PROTECT-IN-PLACE
⑤	SEWER	15" HIGH STRENGTH VCP WITH 24" STEEL CASING	STA SOC 1575+75	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑥	COMMUNICATION	TELEPHONE CONDUIT (UG)	STA SOC 1576+00	AT&T	PROTECT-IN-PLACE
⑦	ELECTRIC	12kV (UG)	STA SOC 1575+75	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑧	STORM DRAIN	9'x9' RCB	STA SOC 1583+00/ S.E. ANAHEIM CHANNEL	OCFCD	PROTECT-IN-PLACE
⑨	SEWER	UNKNOWN	STA SOC 1574+50 TO STA SOC 1586+00	CITY OF ANAHEIM	RELOCATE



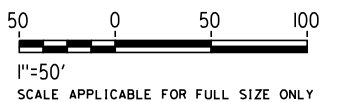
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						DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY	stv	 CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION EXISTING COMPOSITE UTILITIES PLAN STA SOC 1574+50 TO STA SOC 1586+00	CONTRACT NO. HSR06-0005
						DRAWN BY C. HUANG					DRAWING NO. UT-C1621
						CHECKED BY A. BOSCH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/28/25					





## MAJOR UTILITY CONFLICTS

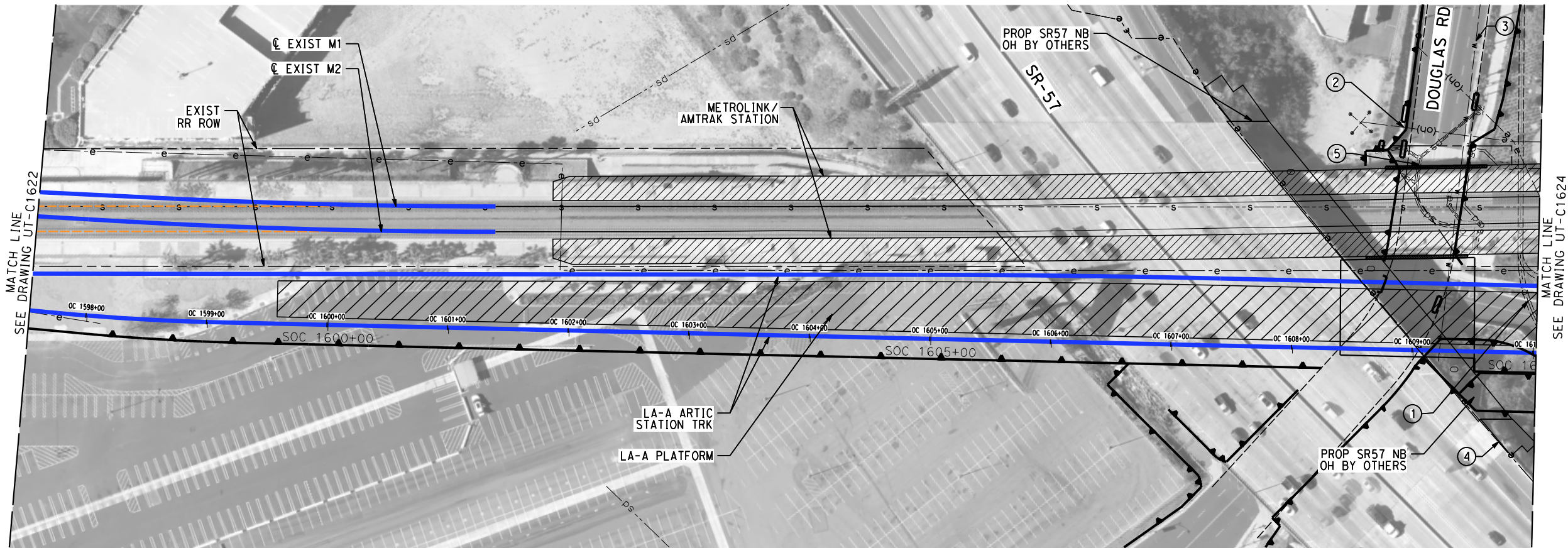
No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	COMMUNICATION	BURIED CABLE CONDUIT	STA SOC 1588+50	VERIZON BUSINESS (MCI)	RELOCATE
②	STREET LIGHTING	CONDUIT (UG)	STA SOC 1588+50	CITY OF ANAHEIM	RELOCATE
③	ELECTRIC	12kV (UG)	STA SOC 1588+50	CITY OF ANAHEIM	RELOCATE
④	WATER	12" CIP	STA SOC 1589+50	CITY OF ANAHEIM	RELOCATE
⑤	ELECTRIC	12kV (UG)	STA SOC 1589+50	CITY OF ANAHEIM	RELOCATE
⑥	STREET LIGHTING	CONDUIT (UG)	STA SOC 1589+75	CITY OF ANAHEIM	RELOCATE
⑦	COMMUNICATION	CABLE TV (UG)	STA SOC 1589+75	TIME WARNER	RELOCATE
⑧	STORM DRAIN	30", 24" RCP	STA SOC 1588+25 TO STA SOC 1589+50	CITY OF ANAHEIM	RELOCATE
⑨	WATER	8"	STA SOC 1598+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑩	SEWER	UNKNOWN	STA SOC 1586+00 TO STA SOC 1597+50	CITY OF ANAHEIM	RELOCATE
⑪	ELECTRIC	UNKNOWN	STA SOC 1586+00 TO STA SOC 1597+50	CITY OF ANAHEIM	RELOCATE



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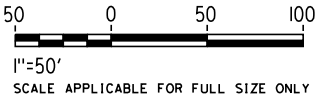
						DESIGNED BY C. HUANG	<b>PEPD SUBMITTAL FOR INTERNAL USE ONLY</b>  <b>NOT FOR CONSTRUCTION</b>	  	<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b>  RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION EXISTING COMPOSITE UTILITIES PLAN STA SOC 1586+00 TO STA SOC 1597+50	CONTRACT NO. HSR06-0005
						DRAWN BY C. HUANG				DRAWING NO. UT-C1622
						CHECKED BY A. BOSCH				SCALE 1" = 50'
						IN CHARGE J. SWANSON				SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/28/25				





MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	STORM DRAIN	48" RCP	STA SOC 1610+00/ DOUGLASS ROAD	CITY OF ANAHEIM	PROTECT-IN-PLACE (PROVIDE CONCRETE PROTECTION)
②	ELECTRIC	12kV (OH)	STA SOC 1608+25	CITY OF ANAHEIM	RELOCATE
③	WATER	16" DIP	STA SOC 1608+50	CITY OF ANAHEIM	RELOCATE
④	ELECTRIC	12 kV (UG)	STA SOC 1609+00	CITY OF ANAHEIM	RELOCATE
⑤	STORM DRIAN	36" RCP	DOUGLAS ST	CITY OF ANAHEIM	RELOCATE



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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

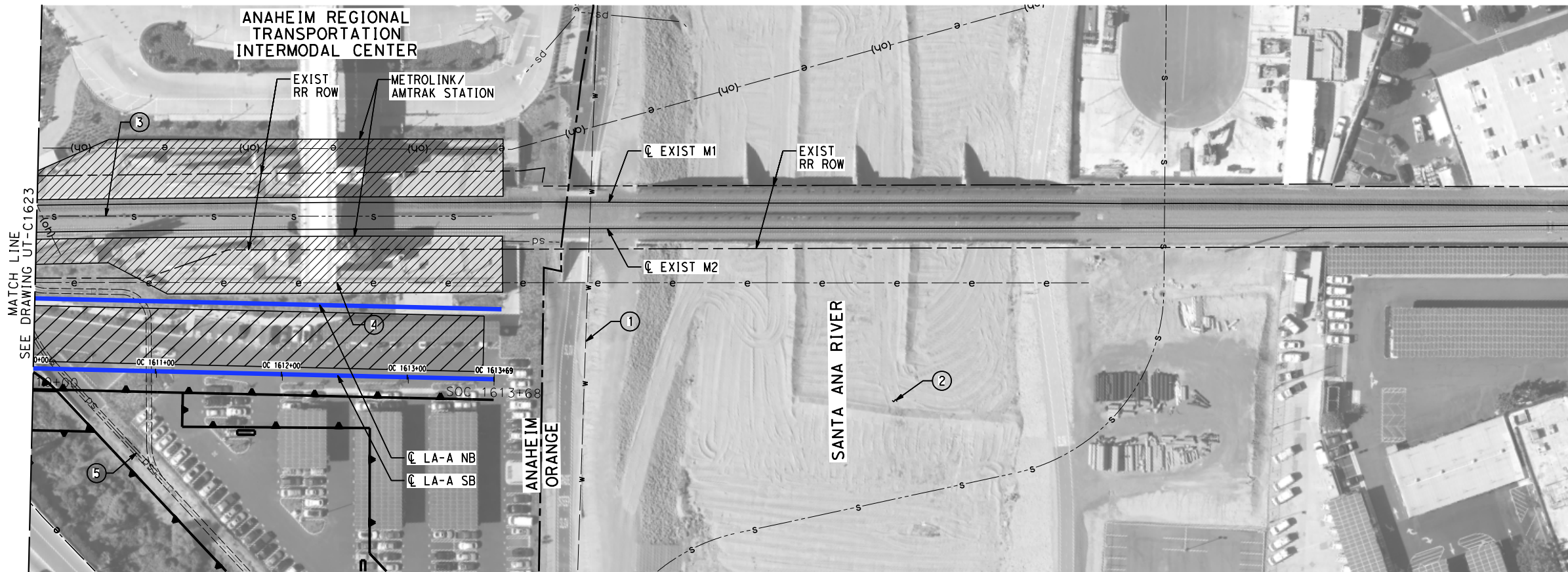
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET

PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
STA SOC 1597+50 TO STA SOC 1610+00

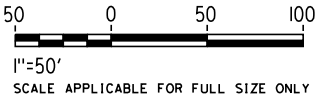
CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1623
SCALE 1" = 50'
SHEET NO.





MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	WATER	66" CML&C INSIDE 84" TUNNEL	SANTA ANA RIVER	OCWD	PROTECT-IN-PLACE
②	STORM DRAIN	CHANNEL	SANTA ANA RIVER	OCFCD/USACE	PROTECT-IN-PLACE
③	SEWER	UNKNOWN	STA SOC 1610+00 TO STA SOC 1613+68	CITY OF ANAHEIM	RELOCATE
④	ELECTRIC	UNKNOWN	STA SOC 1610+00 TO STA SOC 1613+68	CITY OF ANAHEIM	RELOCATE
⑤	STORM DRAIN	36" RCP	ARTIC PARKING LOT	CITY OF ANAHEIM	RELOCATE



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IN CHARGE	J. SWANSON
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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
STA SOC 1610+00 TO STA SOC 1613+68

CONTRACT NO.	HSR06-0005
DRAWING NO.	UT-C1624
SCALE	1" = 50'
SHEET NO.	



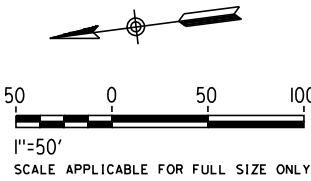


MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
⑪	ELECTRIC	66KV (OH)	EASTERN STA 242+50 TO 256+00	SCE	PROTECT IN PLACE
⑫	COMMUNICATION	FIBER OPTIC (UG)	EASTERN STA 242+50 TO 256+00	AT&T LOCAL	PROTECT IN PLACE
⑬	COMMUNICATION	FIBER OPTIC (UG)	EASTERN STA 242+50 TO 256+00	WILCON (FREEDOM)	PROTECT IN PLACE
⑭	COMMUNICATION	TELECOM OH	EASTERN STA 242+50 TO 256+00	AT&T LOCAL	PROTECT IN PLACE
⑮	COMMUNICATION	TELECOM OH	EASTERN STA 242+50 TO 256+00	AT&T LOCAL	PROTECT IN PLACE
⑯	GAS	6"	EASTERN STA 254+37 TO 256+00	SCG	PROTECT IN PLACE
⑰	GAS	10"	EASTERN STA 242+50 TO 256+00	SCG	PROTECT IN PLACE
⑱	OIL	8"	EASTERN STA 242+50 TO 256+00	EXXON MOBIL	PROTECT IN PLACE
⑲	OIL	8"	EASTERN STA 242+50 TO 256+00	EXXON MOBIL	PROTECT IN PLACE
⑳	OIL	14" NEWHALL-WATSON	EASTERN STA 254+28 TO 256+00	PLAINS ALL AMERICAN PIPELINE	PROTECT IN PLACE

MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
⑦④	SEWER	21"	EASTERN STA 248+02	LACSD	PROTECT IN PLACE
⑦⑤	SEWER	24"	EASTERN STA 248+29	LACSD	PROTECT IN PLACE
⑧②	STORM DRAIN	30" RCP	EASTERN STA 248+76 TO 252+41	LACFCD	PROTECT IN PLACE
⑧④	STORM DRAIN	48" RCP	EASTERN STA 248+76	LACFCD	PROTECT IN PLACE
⑧⑤	STORM DRAIN	57" RCP	EASTERN STA 248+55	LACFCD	PROTECT IN PLACE
⑧⑥	STORM DRAIN	63" RCP	EASTERN STA 254+43 TO 256+00	LACFCD	PROTECT IN PLACE
⑨⑥	WATER	12"	EASTERN STA 242+50 TO 256+00	MWD	PROTECT IN PLACE



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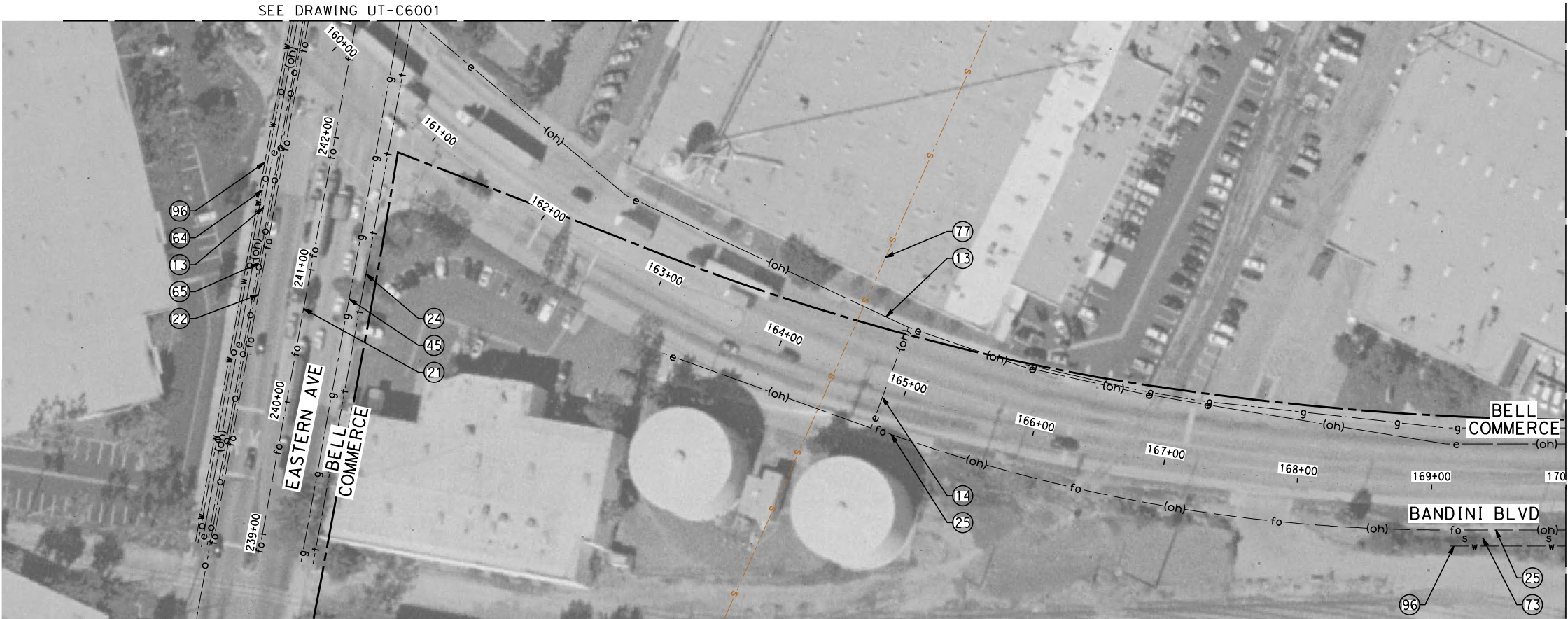
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
EASTERN AVE STA 242+50 TO STA 256+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C6001
SCALE 1" = 50'
SHEET NO.





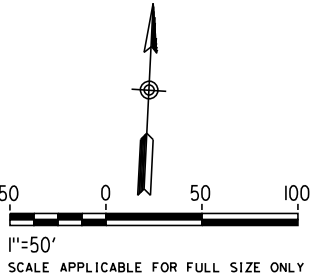
MAJOR UTILITY CONFLICTS



No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
13	ELECTRIC	-- KV (OH)	EASTERN STA 238+00 TO 242+50	SCE	PROTECT IN PLACE
21	COMMUNICATION	FIBER OPTIC (UG)	EASTERN STA 238+00 TO 242+50	AT&T LOCAL	PROTECT IN PLACE
22	COMMUNICATION	FIBER OPTIC (UG)	EASTERN STA 238+00 TO 242+50	WILCON (FREEDOM)	PROTECT IN PLACE
24	COMMUNICATION	TELECOM	EASTERN STA 238+00 TO 242+50	AT&T LOCAL	PROTECT IN PLACE
45	GAS	10"	EASTERN STA 238+00 TO 242+50	SCG	PROTECT IN PLACE
64	OIL	8"	EASTERN STA 238+00 TO 242+50	EXXON MOBIL	PROTECT IN PLACE
65	OIL	8"	EASTERN STA 238+00 TO 242+50	EXXON MOBIL	PROTECT IN PLACE
96	WATER	12"	EASTERN STA 238+00 TO 242+50	MWD	PROTECT IN PLACE

MAJOR UTILITY CONFLICTS

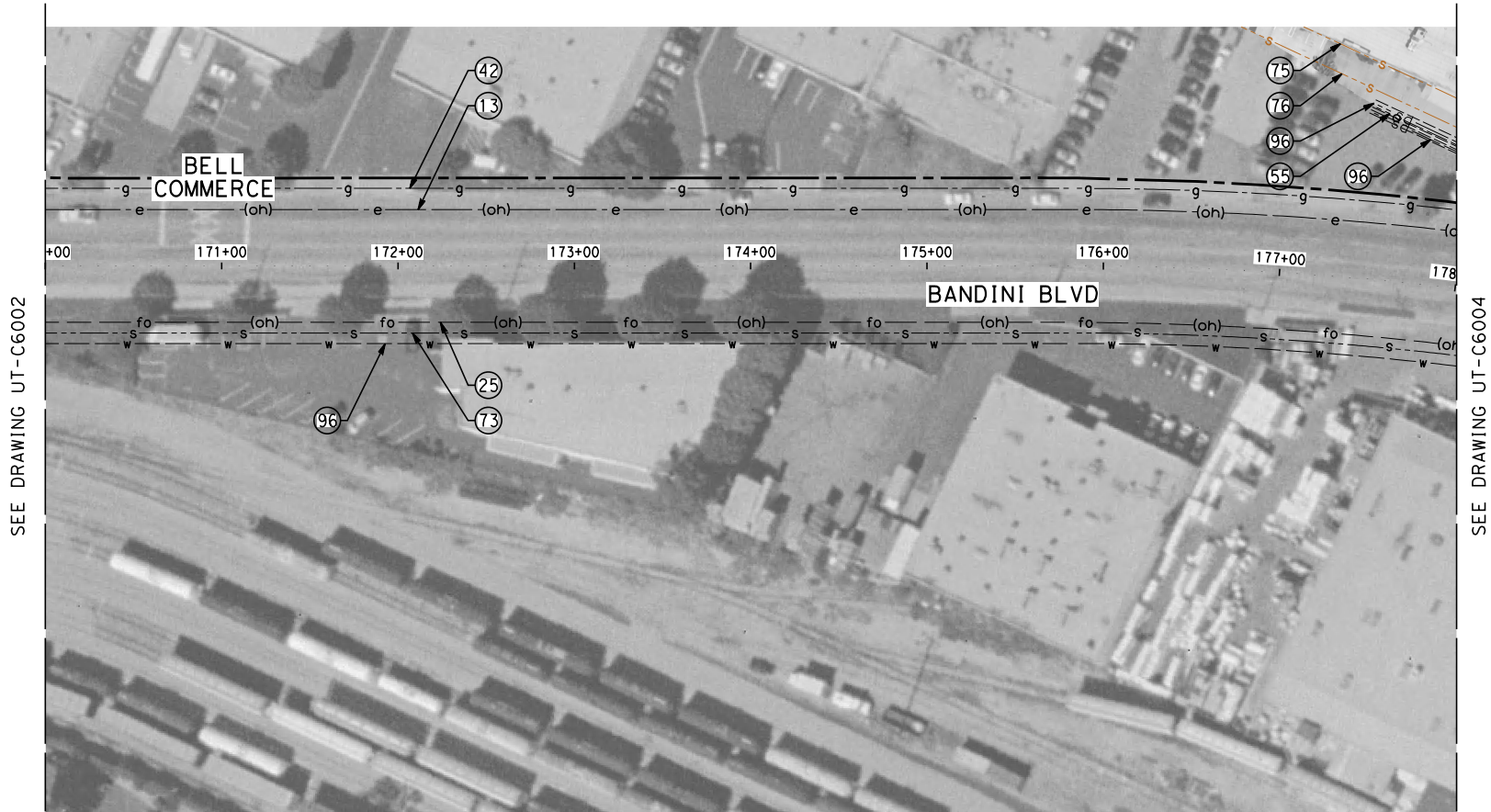
No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
13	ELECTRIC	-- KV (OH)	BANDINI STA 159+60 TO 170+00	SCE	PROTECT IN PLACE
14	ELECTRIC	-- KV (OH)	BANDINI STA 164+85	SCE	PROTECT IN PLACE
25	COMMUNICATION	FIBER OPTIC OH	BANDINI STA 164+86 TO 170+00	---	PROTECT IN PLACE
42	GAS	4"	BANDINI STA 165+73 TO 170+00	SCG	PROTECT IN PLACE
73	SEWER	8"	BANDINI STA 169+10 TO 170+00	LACSD	PROTECT IN PLACE
77	SEWER	39"	BANDINI STA 164+45	LACSD	PROTECT IN PLACE
96	WATER	12"	BANDINI STA 169+10 TO 170+00	MWD	PROTECT IN PLACE

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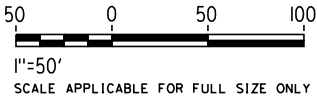
\$PLOTS							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION EXISTING COMPOSITE UTILITIES PLAN BANDINI BLVD STA 159+50 TO STA 170+00	CONTRACT NO. HSR06-0005
							DRAWN BY C. HUANG					DRAWING NO. UT-C6002
							CHECKED BY A. BOSCH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
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MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
13	ELECTRIC	-- KV (OH)	BANDINI STA 170+00 TO 178+00	SCE	PROTECT IN PLACE
25	COMMUNICATION	FIBER OPTIC OH	BANDINI STA 170+00 TO 178+00	---	PROTECT IN PLACE
42	GAS	4"	BANDINI STA 170+00 TO 178+00	SCG	PROTECT IN PLACE
55	OIL	5"	BANDINI STA 177+32 TO 178+00	----	PROTECT IN PLACE
73	SEWER	8"	BANDINI STA 170+00 TO 178+00	LACSD	PROTECT IN PLACE
75	SEWER	24"	BANDINI STA 177+14 TO 178+00	LACSD	PROTECT IN PLACE
76	SEWER	33"	BANDINI STA 176+79 TO 178+00	LACSD	PROTECT IN PLACE
81	STORM DRAIN	24" RCP	BANDINI STA 177+14 TO 178+00	LACFCD	PROTECT IN PLACE
85	STORM DRAIN	54" RCP	BANDINI STA 177+14 TO 178+00	LACFCD	PROTECT IN PLACE
96	WATER	12"	BANDINI STA 170+00 TO 178+00	MWD	PROTECT IN PLACE



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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

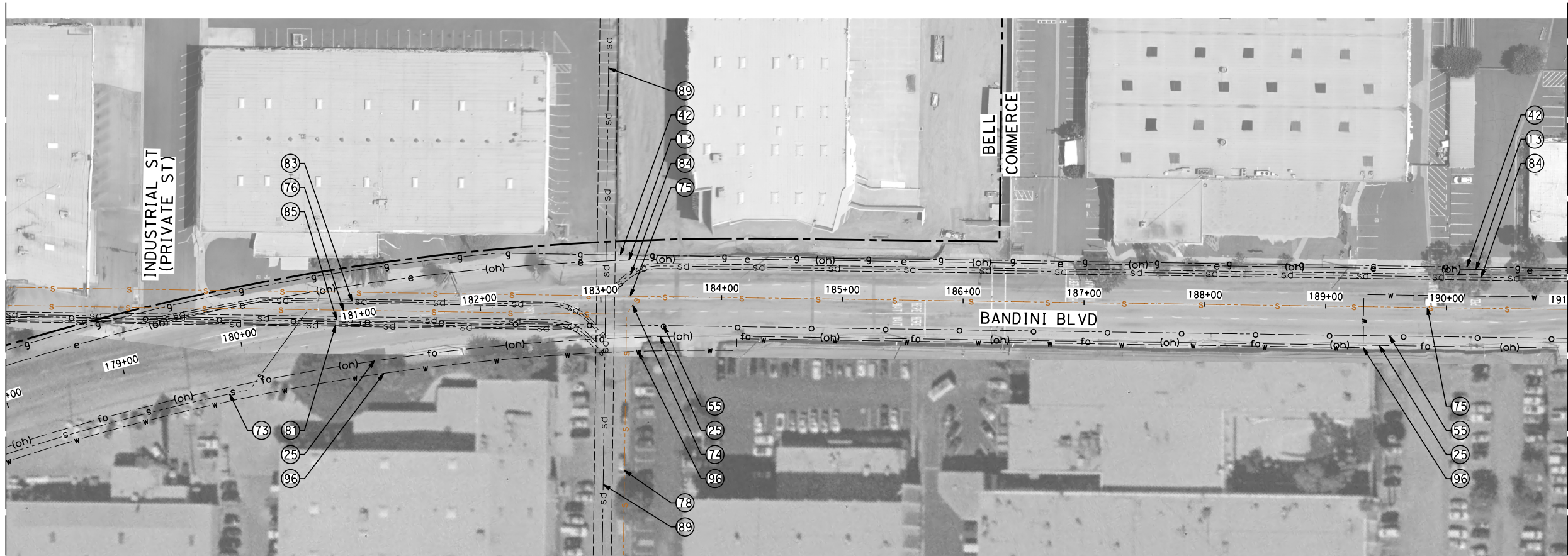
CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
BANDINI STA 170+00 TO STA 178+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C6003
SCALE 1" = 50'
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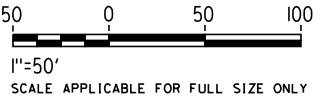
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MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
13	ELECTRIC	--KV (OH)	BANDINI STA 178+00 TO 191+00	SCE	PROTECT IN PLACE
25	COMMUNICATION	FIBER OPTIC OH	BANDINI STA 178+00 TO 191+00	---	PROTECT IN PLACE
42	GAS	4"	BANDINI STA 178+00 TO 191+00	SCG	PROTECT IN PLACE
43	GAS	6"	BANDINI STA 196+63	SCG	PROTECT IN PLACE
55	OIL	5"	BANDINI STA 178+00 TO 191+00	----	PROTECT IN PLACE
73	SEWER	8"	BANDINI STA 169+10 TO 180+56	LACSD	PROTECT IN PLACE
74	SEWER	21"	BANDINI STA 183+21 TO 183+32	LACSD	PROTECT IN PLACE
75	SEWER	24"	BANDINI STA 178+00 TO 191+00	LACSD	PROTECT IN PLACE
76	SEWER	33"	BANDINI STA 169+00 TO 183+21	LACSD	PROTECT IN PLACE

MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
81	STORM DRAIN	24" RCP	BANDINI STA 179+36 TO 182+76	LACFCD	PROTECT IN PLACE
83	STORM DRAIN	39" RCP	BANDINI STA 179+36 TO 182+96	LACFCD	PROTECT IN PLACE
84	STORM DRAIN	51" RCP	BANDINI STA 183+12 TO 193+30	LACFCD	PROTECT IN PLACE
85	STORM DRAIN	54" RCP	BANDINI STA 177+50 TO 182+96	LACFCD	PROTECT IN PLACE
89	STORM DRAIN	15'Wx9'H RCB	BANDINI STA 182+96 TO 183+11	LACFCD	PROTECT IN PLACE
96	WATER	12"	BANDINI STA 178+00 TO 191+00	MWD	PROTECT IN PLACE



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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

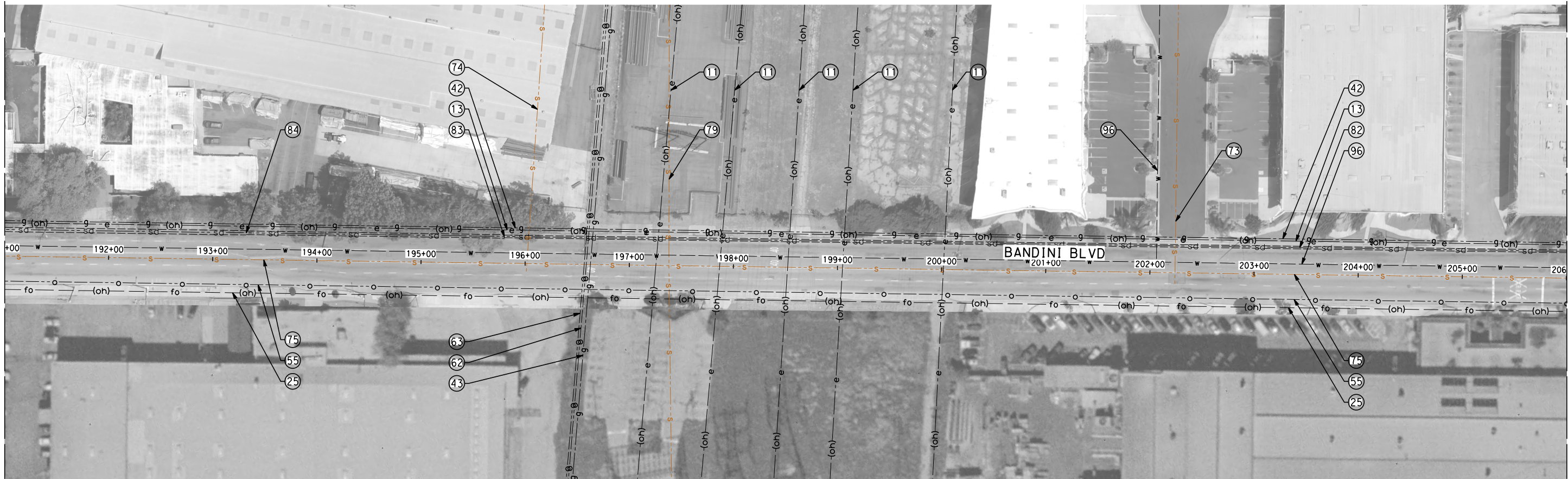
CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
BANDINI STA 178+00 TO STA 191+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C6004
SCALE 1" = 50'
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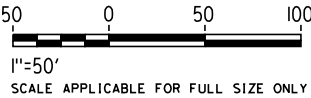
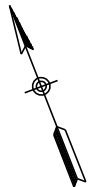
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MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
⑪	ELECTRIC	--KV (OH)	BANDINI STA 197+26	SCE	PROTECT IN PLACE
⑪	ELECTRIC	--KV (OH)	BANDINI STA 197+87	SCE	PROTECT IN PLACE
⑪	ELECTRIC	--KV (OH)	BANDINI STA 198+53	SCE	PROTECT IN PLACE
⑪	ELECTRIC	--KV (OH)	BANDINI STA 199+06	SCE	PROTECT IN PLACE
⑪	ELECTRIC	--KV (OH)	BANDINI STA 200+02	SCE	PROTECT IN PLACE
⑬	ELECTRIC	--KV (OH)	BANDINI STA 191+00 TO 206+00	SCE	PROTECT IN PLACE
②⑤	COMMUNICATION	FIBER OPTIC OH	BANDINI STA 191+00 TO 206+00	---	PROTECT IN PLACE
④②	GAS	4"	BANDINI STA 191+00 TO 206+00	SCG	PROTECT IN PLACE
④③	GAS	6"	BANDINI STA 196+63	SCG	PROTECT IN PLACE
⑤⑤	OIL	5"	BANDINI STA 191+00 TO 206+00	----	PROTECT IN PLACE
⑥②	OIL	6"	BANDINI STA 196+59	-	PROTECT IN PLACE
⑥③	OIL	8"	BANDINI STA 196+57	-	PROTECT IN PLACE

MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
⑦③	SEWER	8"	BANDINI STA 202+24	LACSD	PROTECT IN PLACE
⑦④	SEWER	21"	BANDINI STA 196+02	LACSD	PROTECT IN PLACE
⑦⑤	SEWER	24"	BANDINI STA 191+00 TO 206+00	LACSD	PROTECT IN PLACE
⑦⑨	SEWER	63"	BANDINI STA 197+38	LACSD	PROTECT IN PLACE
⑧②	STORM DRAIN	30" RCP	BANDINI STA 195+80 TO 208+55	LACFCD	PROTECT IN PLACE
⑧③	STORM DRAIN	39" RCP	BANDINI STA 193+30 TO 195+80	LACFCD	PROTECT IN PLACE
⑧④	STORM DRAIN	51" RCP	BANDINI STA 183+12 TO 193+30	LACFCD	PROTECT IN PLACE
⑨⑥	WATER	12"	BANDINI STA 191+00 TO 206+00	MWD	PROTECT IN PLACE



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REV	DATE	BY	CHK	APP	DESCRIPTION

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CHECKED BY A. BOSCH
IN CHARGE J. SWANSON
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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

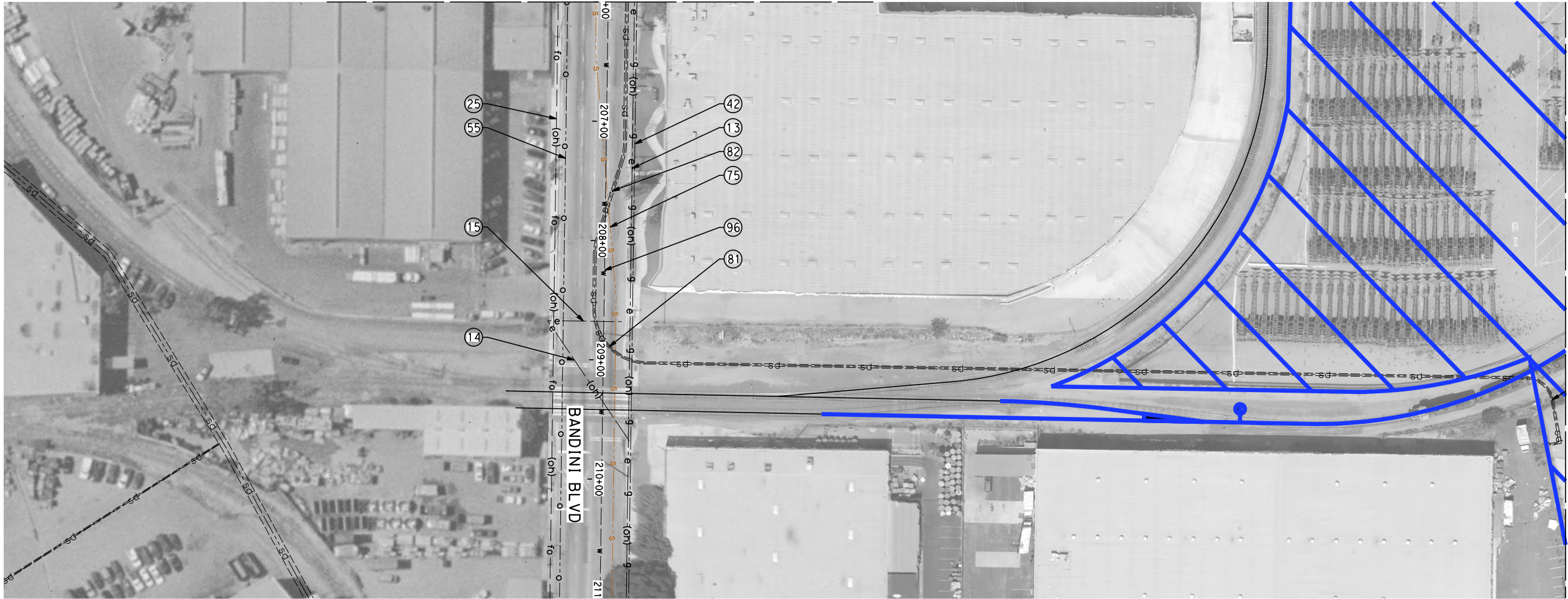
CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
EXISTING COMPOSITE UTILITIES PLAN  
BANDINI STA 191+00 TO STA 206+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C6005
SCALE 1" = 50'
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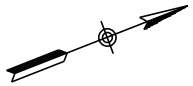


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SEE DRAWING UT-C1532



MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
13	ELECTRIC	-- KV (OH)	BANDINI STA 159+60 TO 231+50	SCE	PROTECT IN PLACE
14	ELECTRIC	-- KV (OH)	BANDINI STA 208+68 TO 209+68	SCE	PROTECT IN PLACE
15	ELECTRIC	-- KV (OH)	BANDINI STA 208+68	SCE	PROTECT IN PLACE
25	COMMUNICATION	FIBER OPTIC OH	BANDINI STA 172+00 TO 231+50	---	PROTECT IN PLACE
42	GAS	4"	BANDINI STA 172+00 TO 231+50	SCG	PROTECT IN PLACE
55	OIL	5"	BANDINI STA 177+32 TO 231+50	----	PROTECT IN PLACE
81	STORM DRAIN	24" RCP	BANDINI STA 208+55 TO 209+03	LACFCD	PROTECT IN PLACE
82	STORM DRAIN	30" RCP	BANDINI STA 195+80 TO 208+55	LACFCD	PROTECT IN PLACE
96	WATER	12"	BANDINI STA 172+00 TO 230+58	MWD	PROTECT IN PLACE

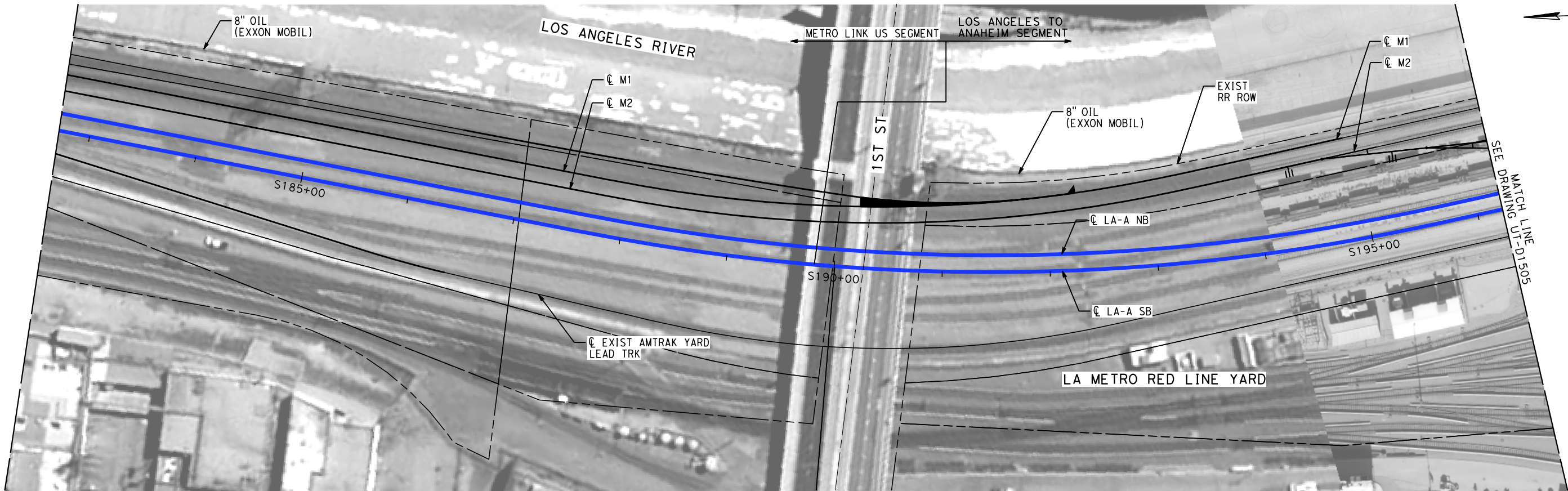


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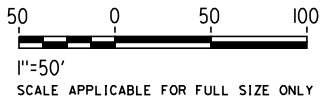
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

DESIGNED BY C. HUANG DRAWN BY C. HUANG CHECKED BY A. BOSCH IN CHARGE J. SWANSON DATE 02/28/25	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b> RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION EXISTING COMPOSITE UTILITIES PLAN BANDINI STA 206+00 TO STA 211+00	CONTRACT NO. HSR06-0005
					DRAWING NO. UT-C6006
					SCALE 1" = 50'
					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION





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FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	C. HUANG
DRAWN BY	C. HUANG
CHECKED BY	A. BOSCH
IN CHARGE	J. SWANSON
DATE	02/28/25

PEPD  
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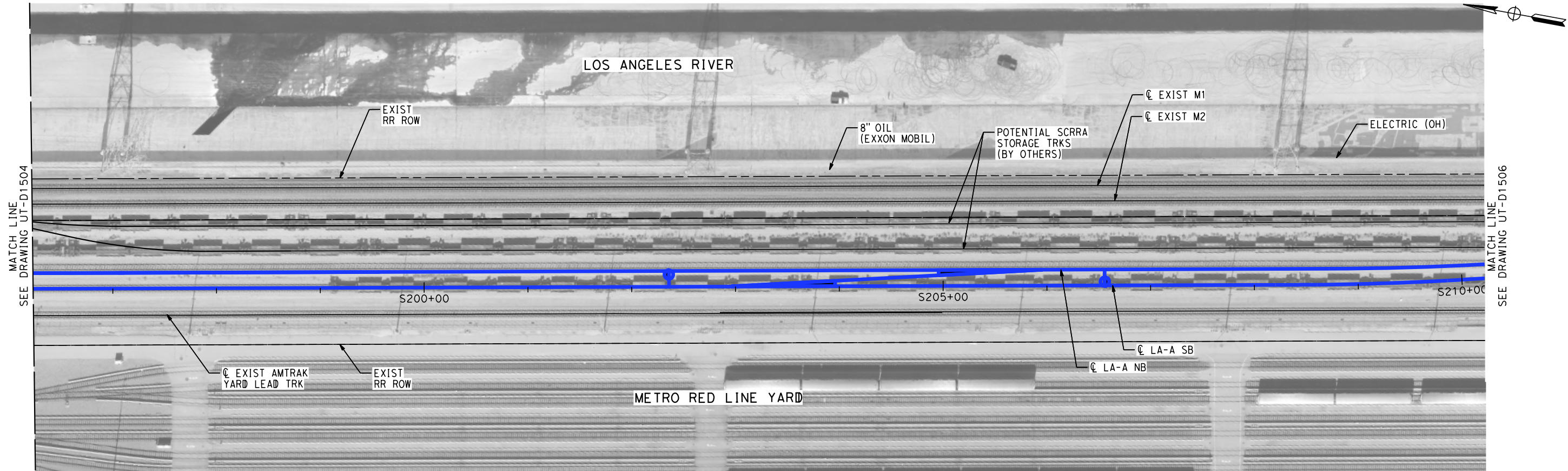
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
PROPOSED UTILITIES RELOCATION PLAN  
STA S182+50 TO STA S196+00



CONTRACT NO.	HSR06-0005
DRAWING NO.	UT-D1504
SCALE	1" = 50'
SHEET NO.	



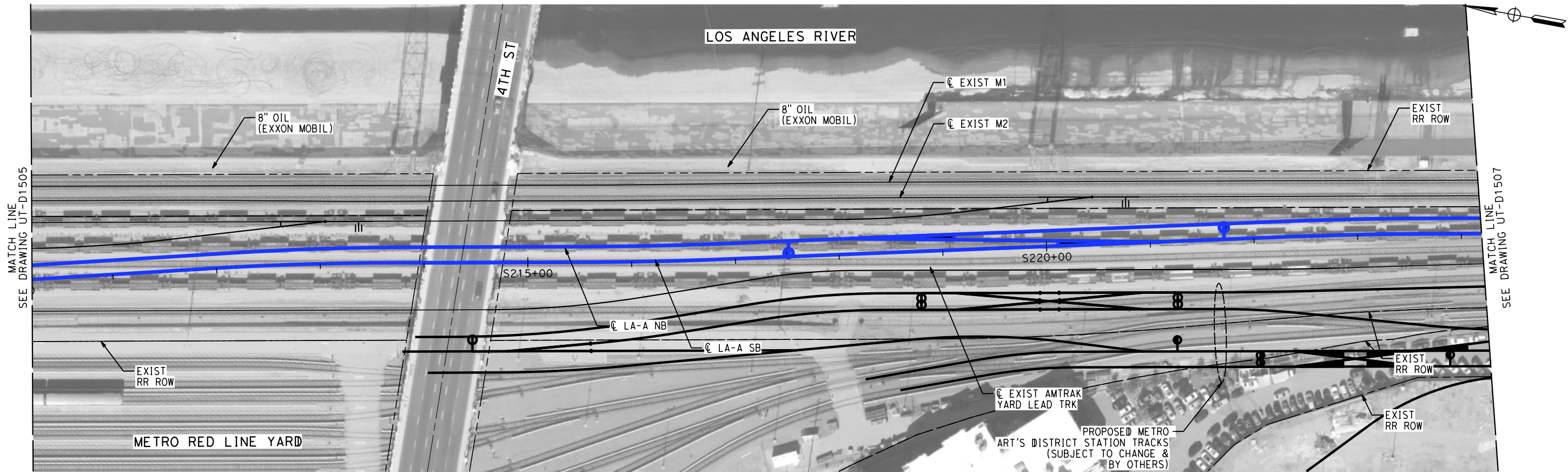


NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

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1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY



\$PLOT\$							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA S196+00 TO STA S210+00	CONTRACT NO. HSR06-0005
							DRAWN BY C. HUANG					DRAWING NO. UT-D1505
							CHECKED BY A. BOSCH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
	REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/28/25					



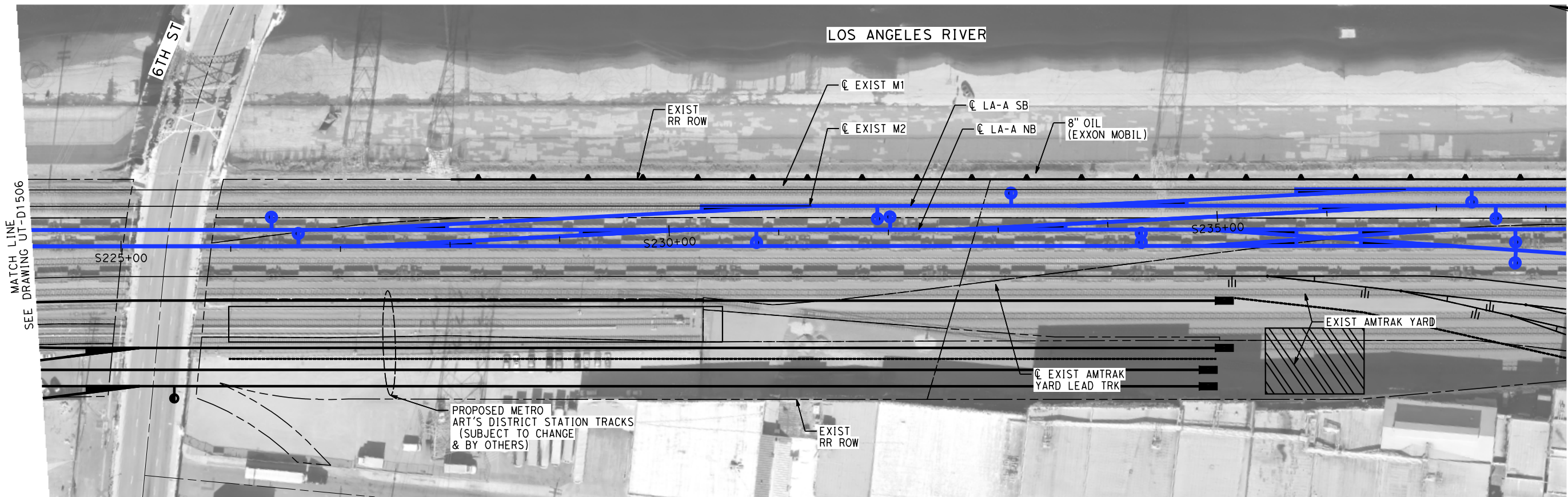


NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

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1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY



\$PLOT \$							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA S210+00 TO STA S224+00	CONTRACT NO. HSR06-0005
							DRAWN BY C. HUANG					DRAWING NO. UT-D1506
							CHECKED BY A. BOSCH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						



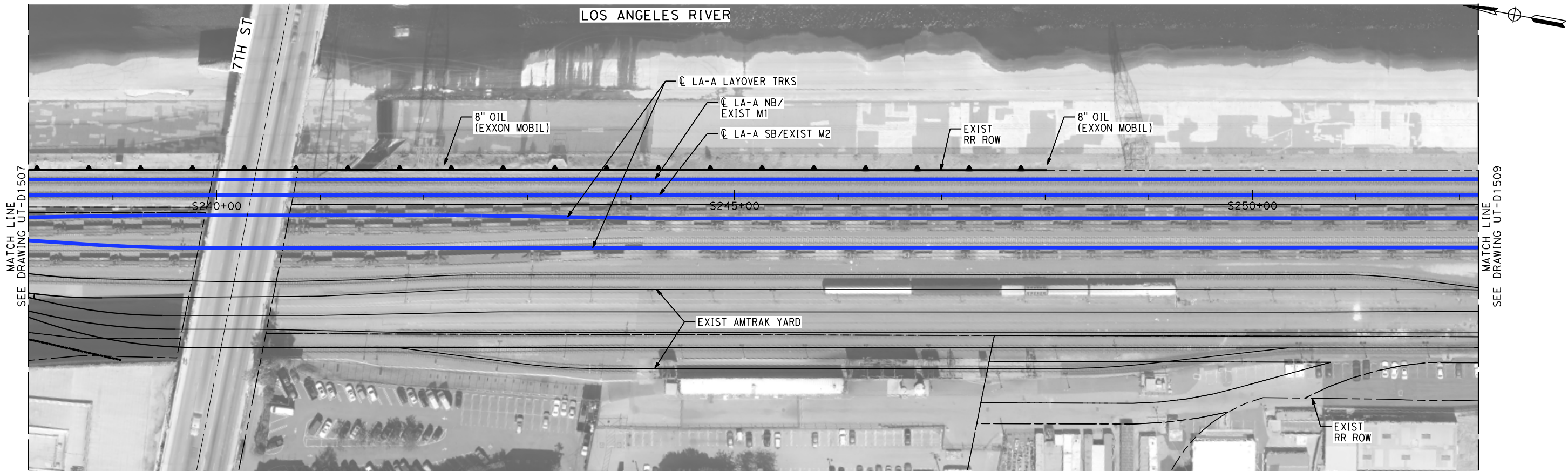


NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

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1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY



\$PLOT \$							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA S224+00 TO STA S238+00	CONTRACT NO. HSR06-0005
							DRAWN BY C. HUANG					DRAWING NO. UT-D1507
							CHECKED BY A. BOSCH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
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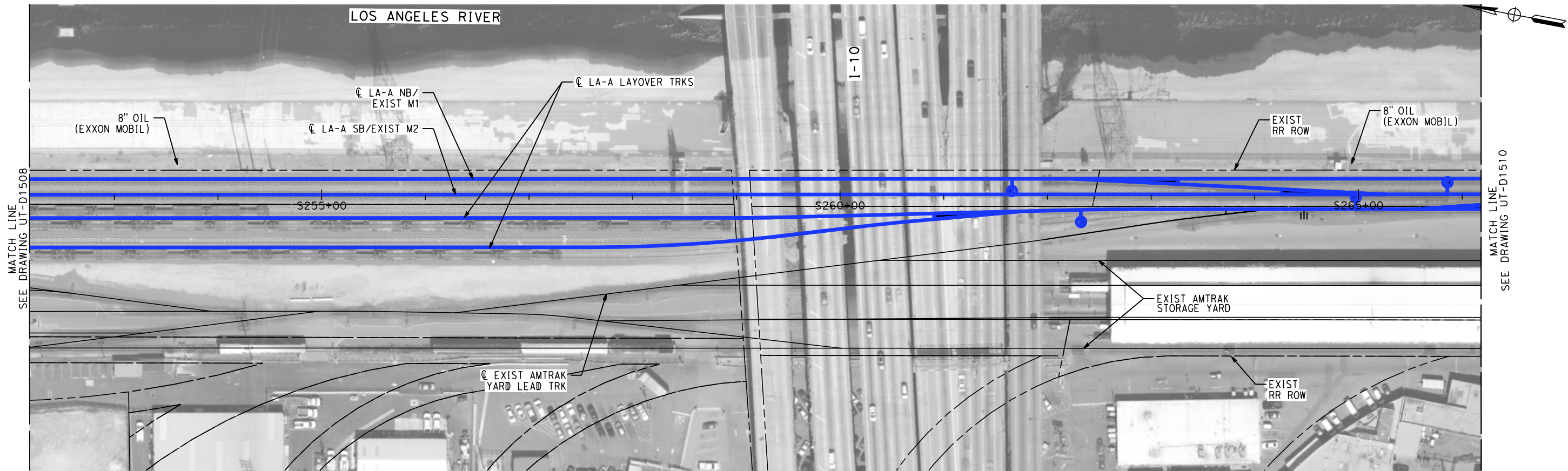




NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



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1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA S238+00 TO STA S252+00	CONTRACT NO. HSR06-0005
							DRAWN BY C. HUANG					DRAWING NO. UT-D1508
							CHECKED BY A. BOSCH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

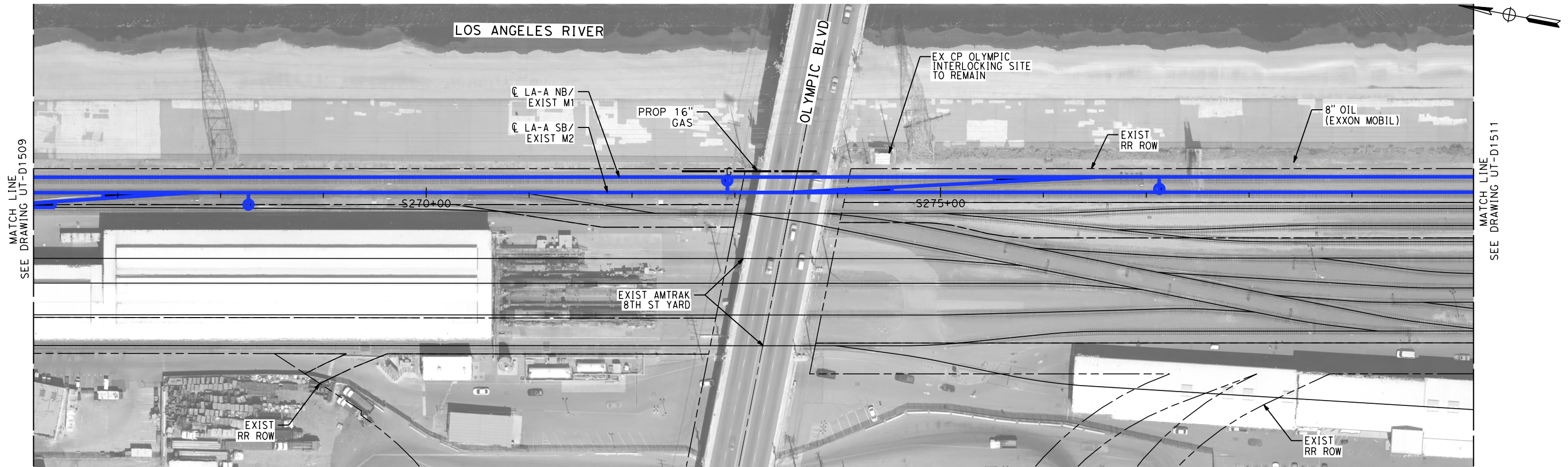


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FOR INTERNAL USE ONLY

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1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY



\$PLOT \$							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA S252+00 TO STA S266+00	CONTRACT NO. HSR06-0005
							DRAWN BY C. HUANG					DRAWING NO. UT-D1509
							CHECKED BY A. BOSCH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

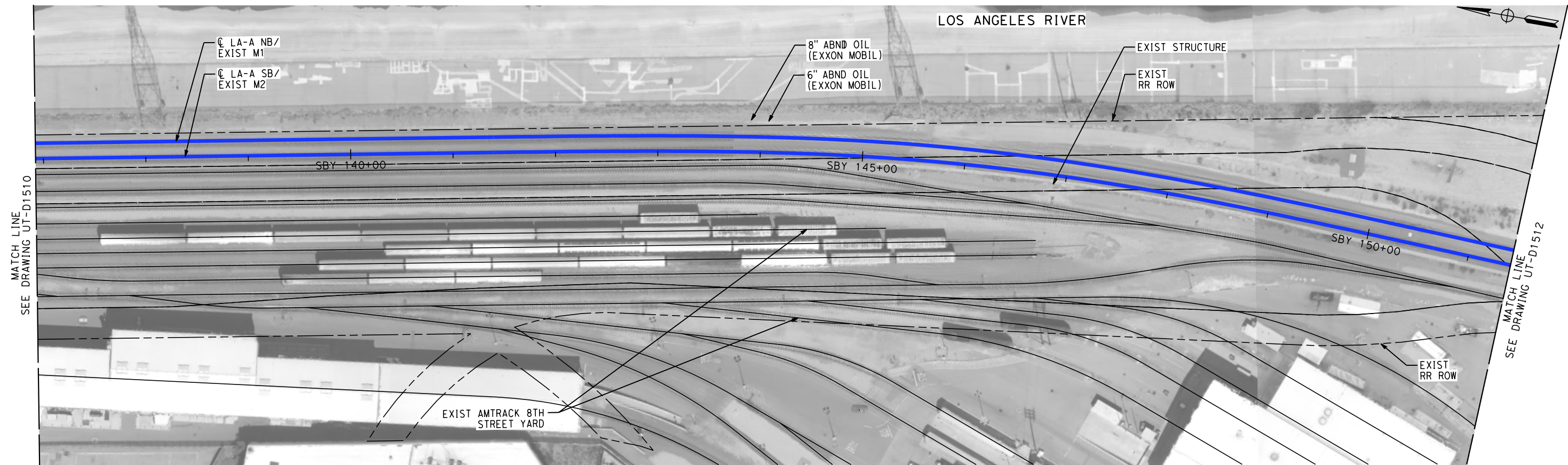




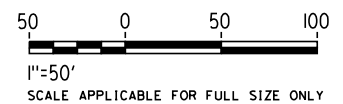
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY


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1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA S266+00 (BACK) TO STA SBY 137+00 (AHEAD)	CONTRACT NO. HSR06-0005
							DRAWN BY C. HUANG					DRAWING NO. UT-D1510
							CHECKED BY A. BOSCH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

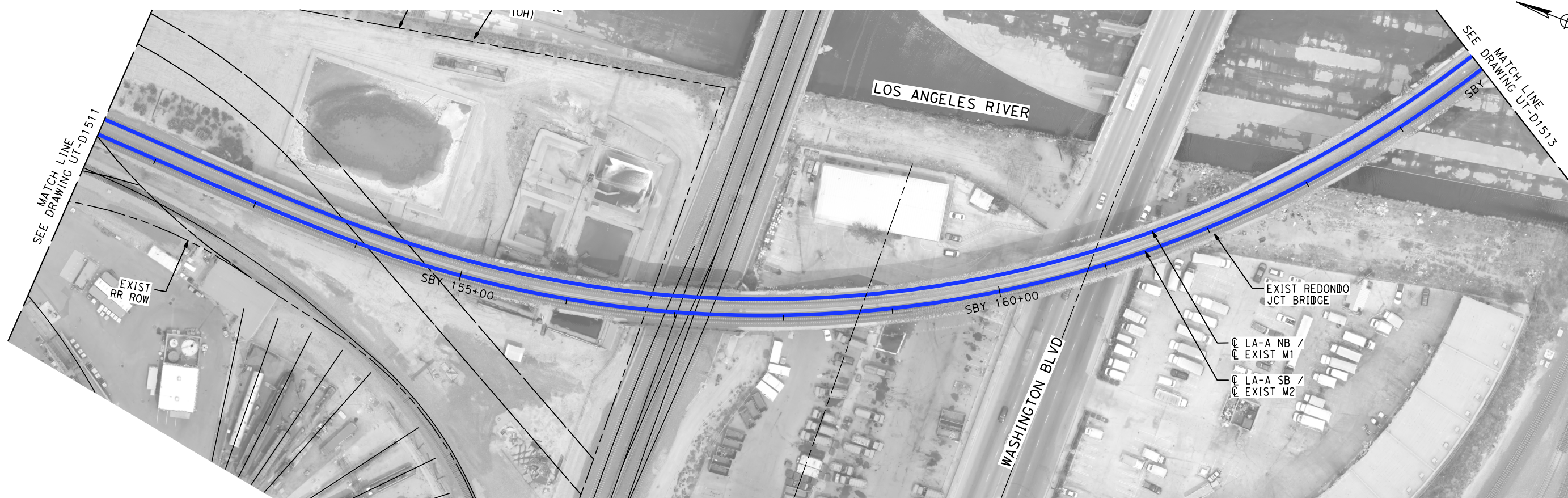


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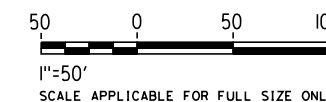


						DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION	stvr	 CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA SBY 137+00 TO STA SBY 151+00	CONTRACT NO. HSR06-0005
						DRAWN BY C. HUANG					DRAWING NO. UT-D1511
						CHECKED BY A. BOSCH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/28/25					





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IN CHARGE J. SWANSON
DATE 02/28/25

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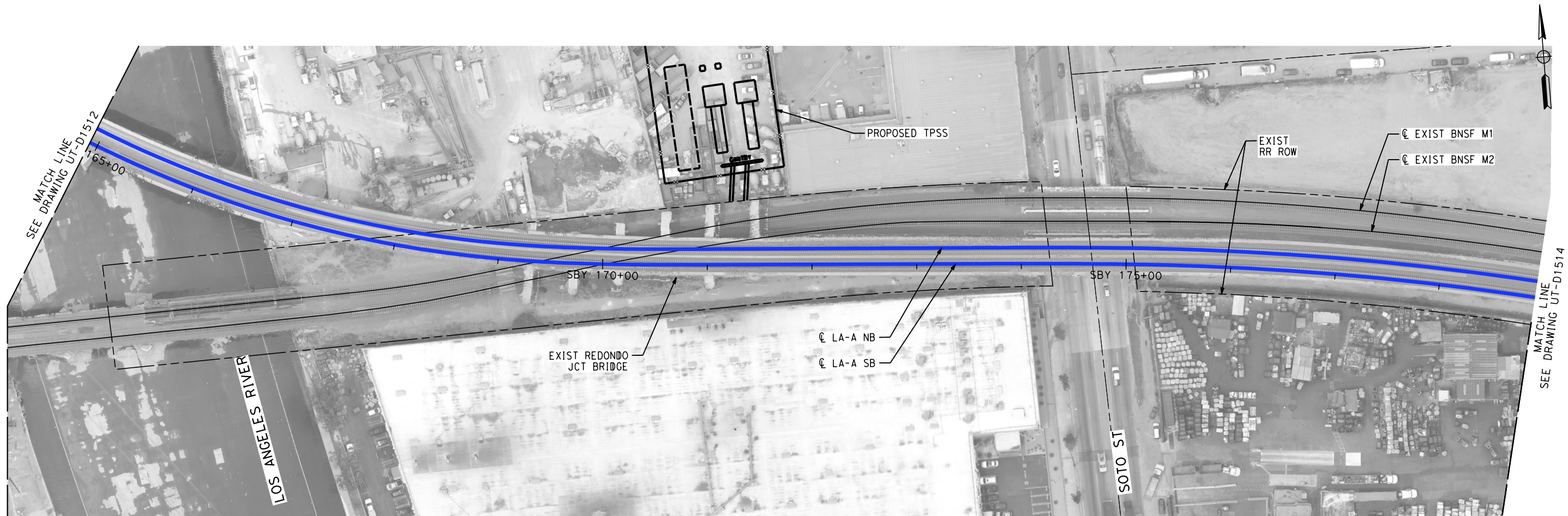
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

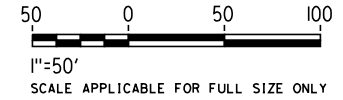
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 151+00 TO STA SBY 164+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1512
SCALE 1" = 50'
SHEET NO.





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REV	DATE	BY	CHK	APP	DESCRIPTION

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IN CHARGE	J. SWANSON
DATE	02/28/25

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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**LOS ANGELES TO ANAHEIM**  
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 164+50 TO STA SBY 178+50

CONTRACT NO.	HSR06-0005
DRAWING NO.	UT-D1513
SCALE	1" = 50'
SHEET NO.	





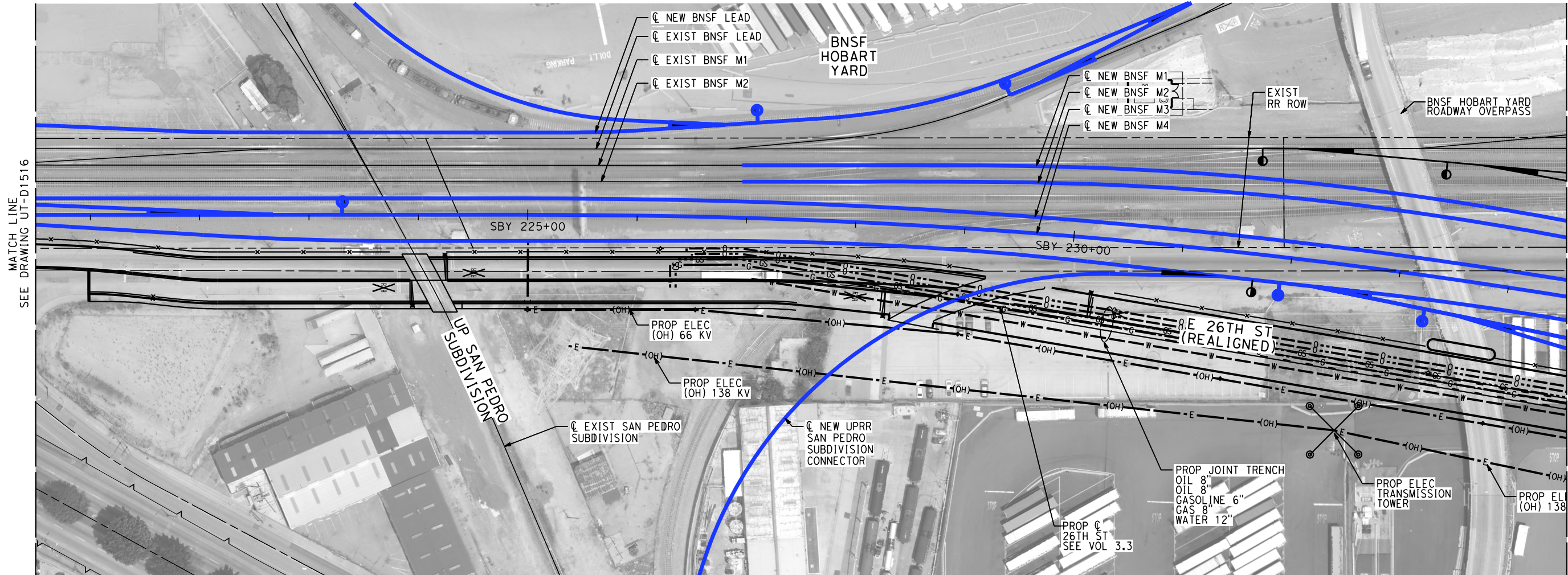




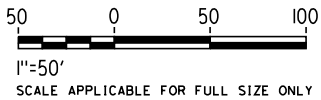








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CHECKED BY	A. BOSCH
IN CHARGE	J. SWANSON
DATE	02/28/25

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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET

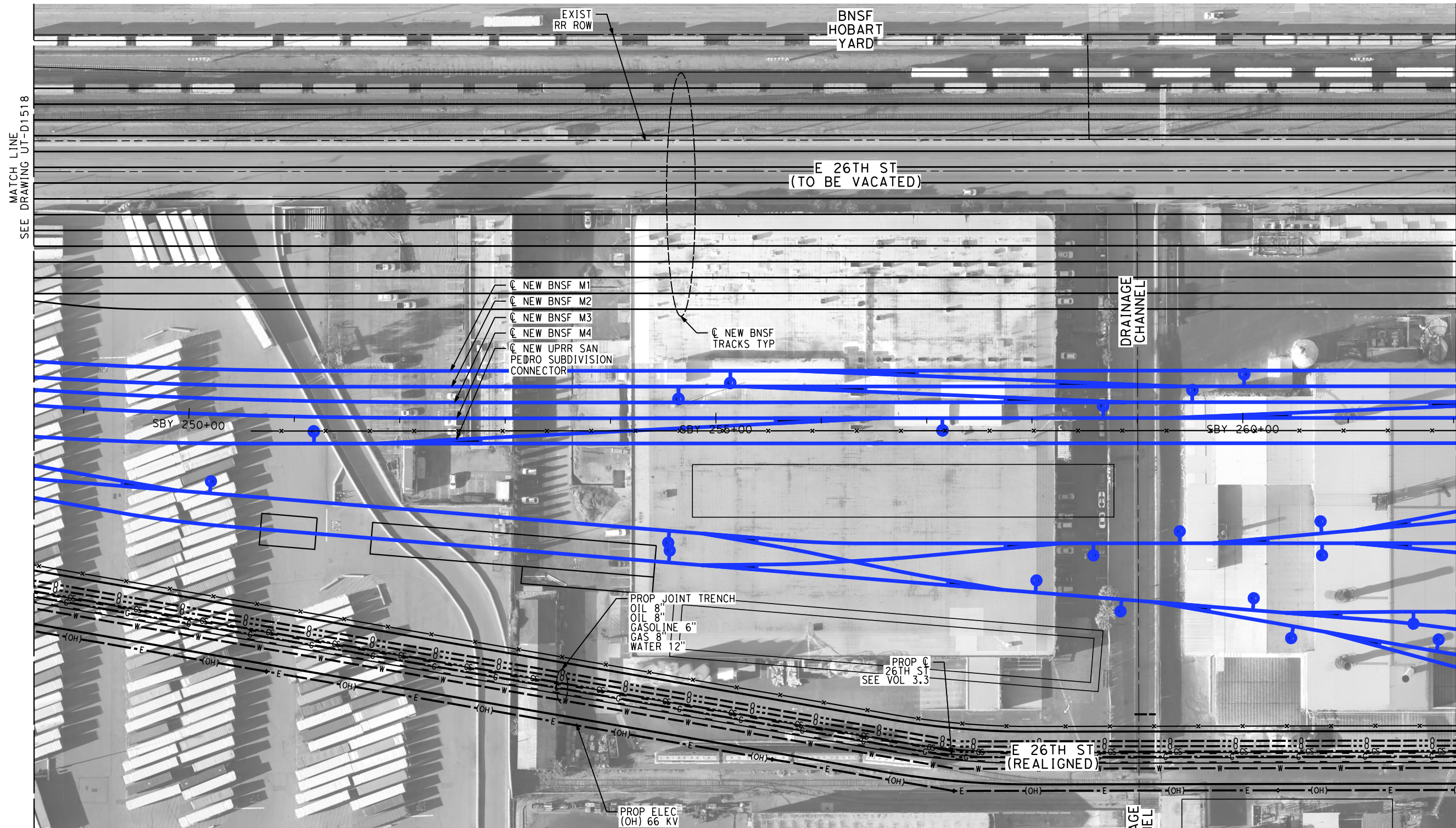
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PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 220+50 TO STA SBY 234+50

CONTRACT NO.	HSR06-0005
DRAWING NO.	UT-D1517
SCALE	1" = 50'
SHEET NO.	

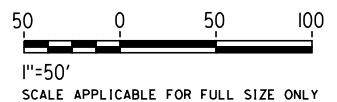








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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET

PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 248+50 TO STA SBY 262+00

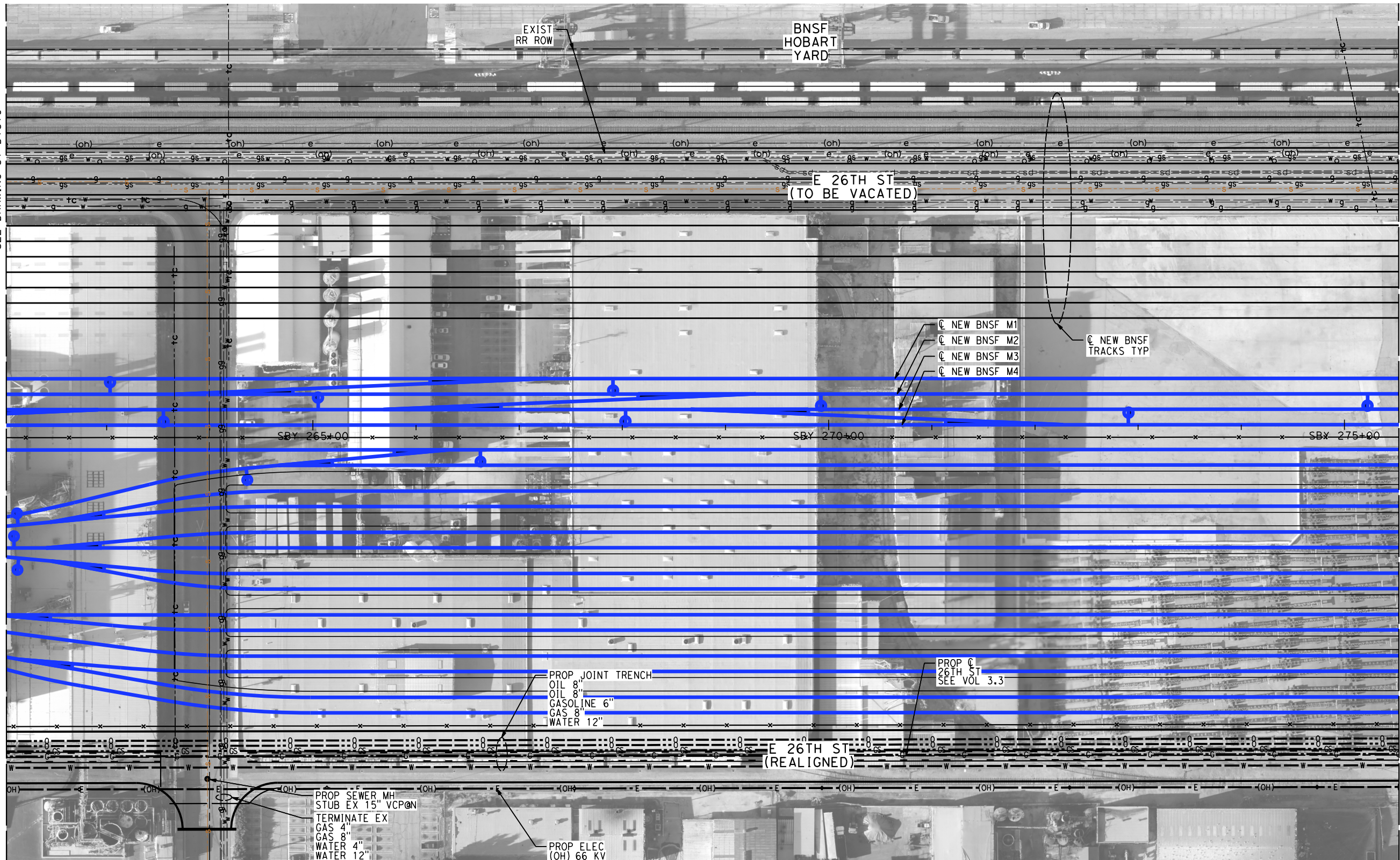
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DRAWING NO. UT-D1519
SCALE 1" = 50'
SHEET NO.



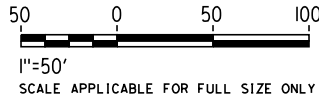


MATCH LINE  
SEE DRAWING UT-D1519

MATCH LINE  
SEE DRAWING UT-D1521



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REV	DATE	BY	CHK	APP	DESCRIPTION

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DATE 02/28/25

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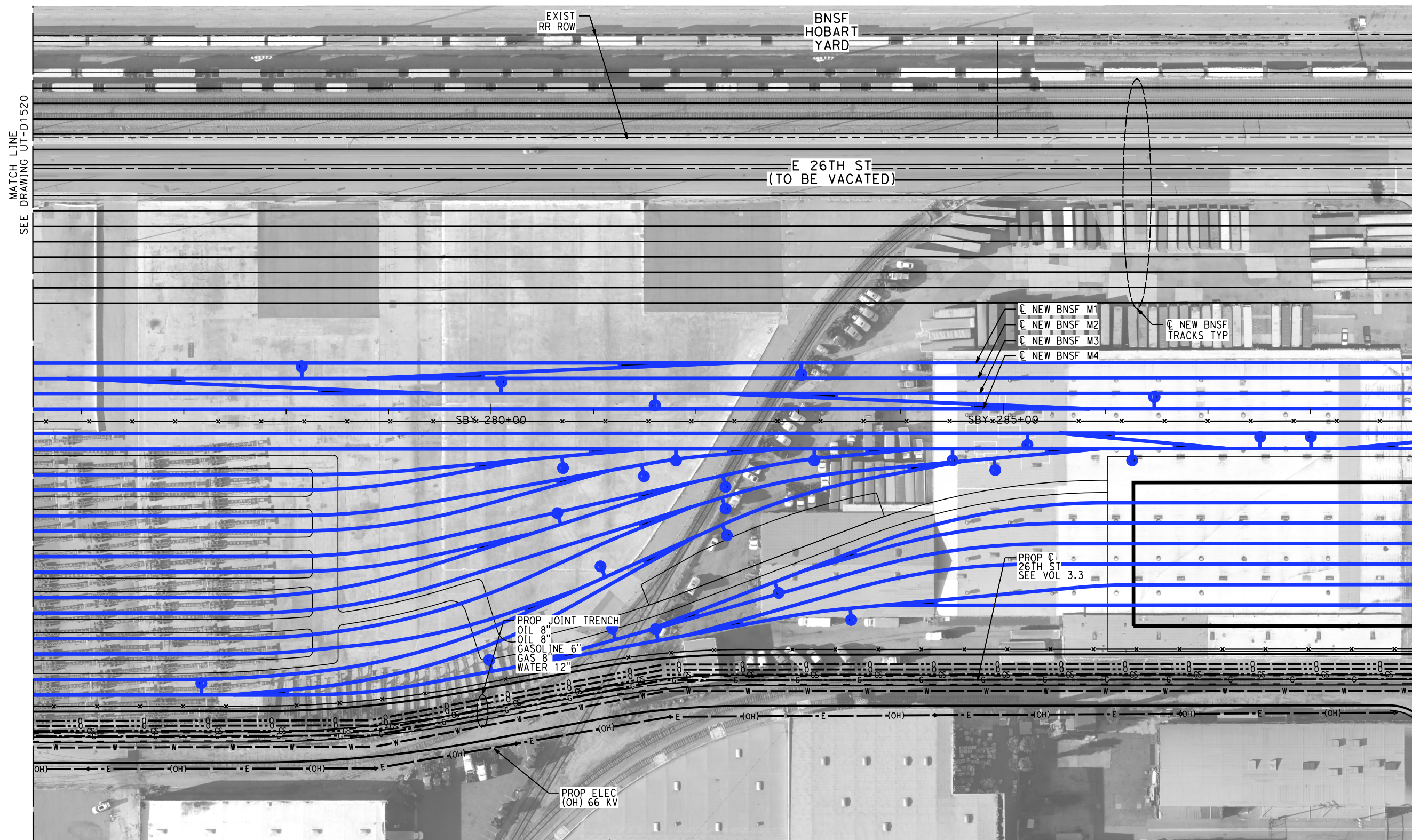
NOT FOR  
CONSTRUCTION





**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**LOS ANGELES TO ANAHEIM**  
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 262+00 TO STA SBY 275+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1520
SCALE 1" = 50'
SHEET NO.

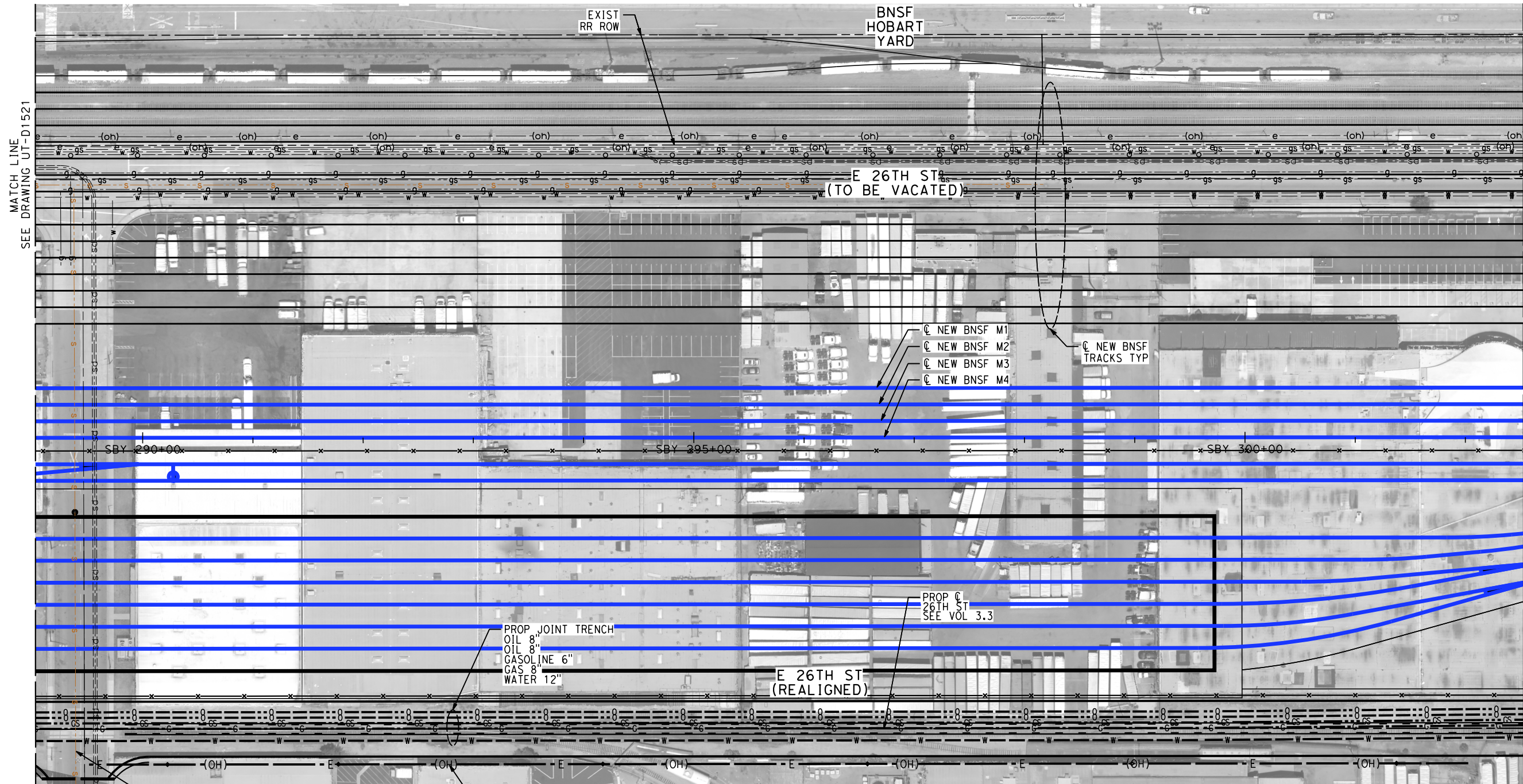




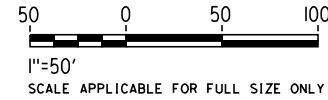
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						DESIGNED BY C. HUANG	<b>PEPD SUBMITTAL FOR INTERNAL USE ONLY</b>			<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b> RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA SBY 275+50 TO STA SBY 289+00	CONTRACT NO. HSR06-0005
						DRAWN BY C. HUANG					DRAWING NO. UT-D1521
						CHECKED BY A. BOSCH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/28/25	<b>NOT FOR CONSTRUCTION</b>				





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IN CHARGE J. SWANSON
DATE 02/28/25

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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

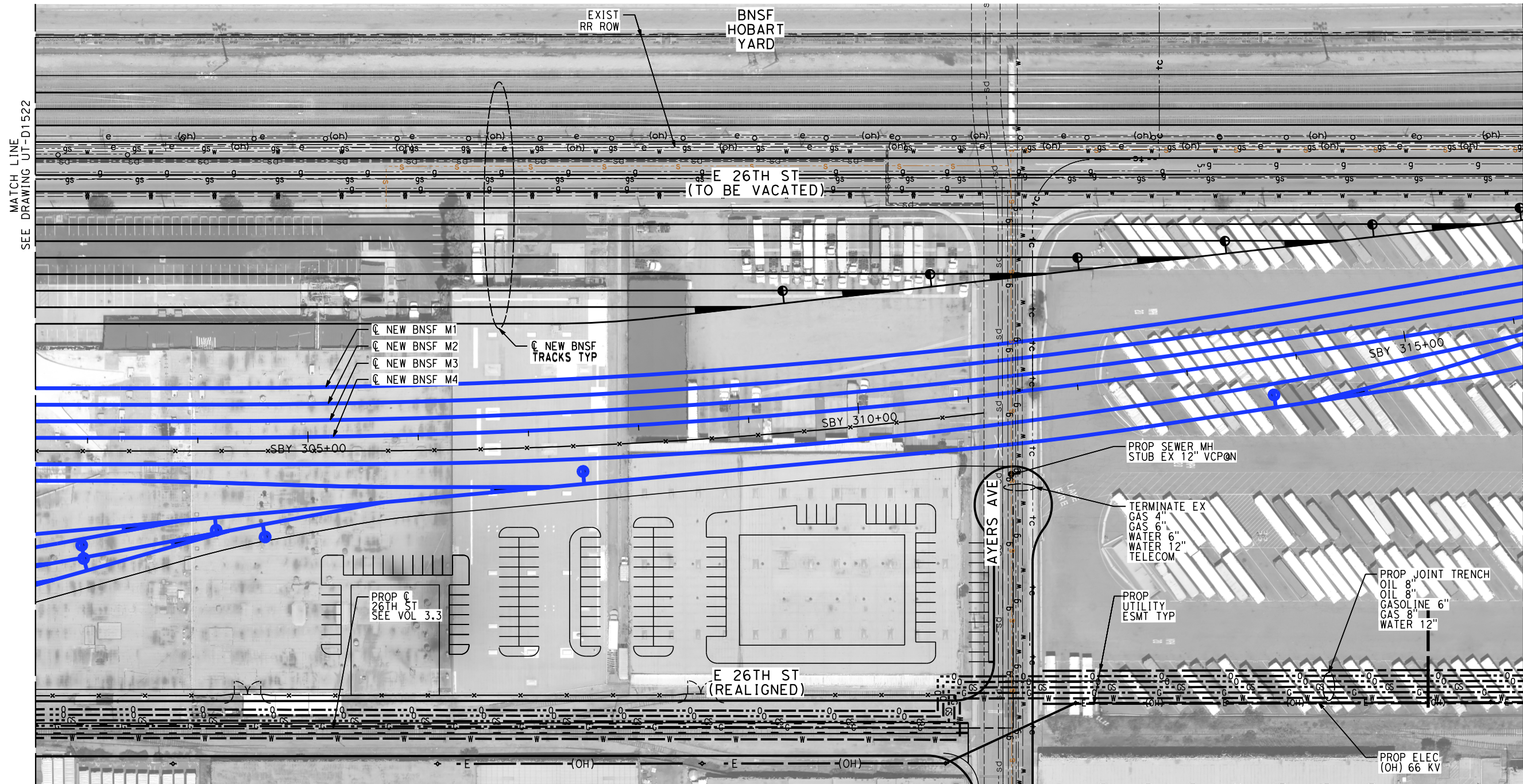
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET

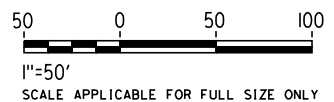
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 289+00 TO STA SBY 302+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1522
SCALE 1" = 50'
SHEET NO.





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DATE 02/28/25

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CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

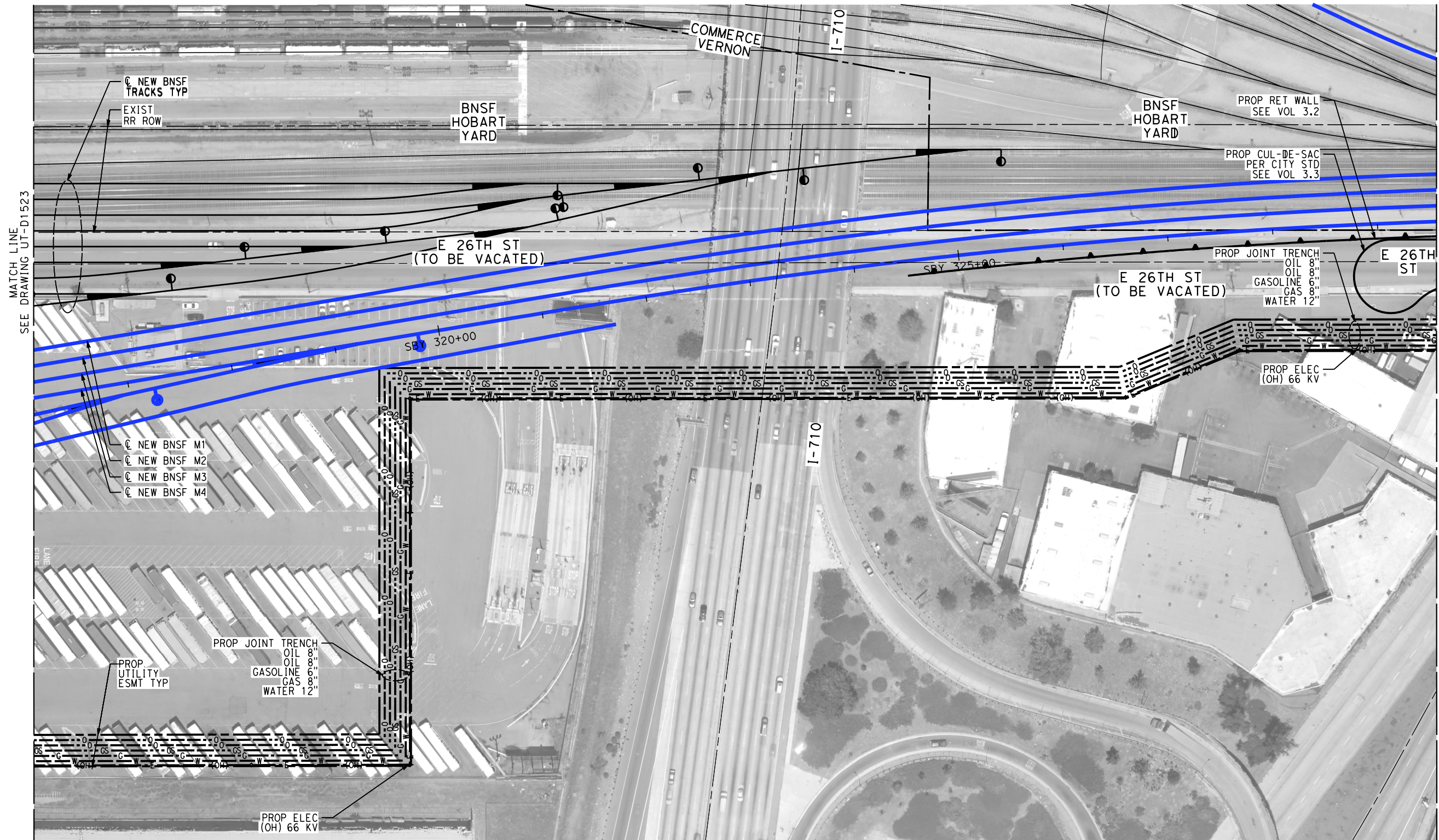
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET

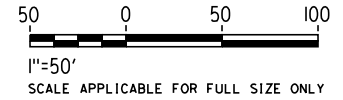
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PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 302+50 TO STA SBY 316+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1523
SCALE 1" = 50'
SHEET NO.





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REV	DATE	BY	CHK	APP	DESCRIPTION

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C. HUANG  
DRAWN BY  
C. HUANG  
CHECKED BY  
A. BOSCH  
IN CHARGE  
J. SWANSON  
DATE  
02/28/25

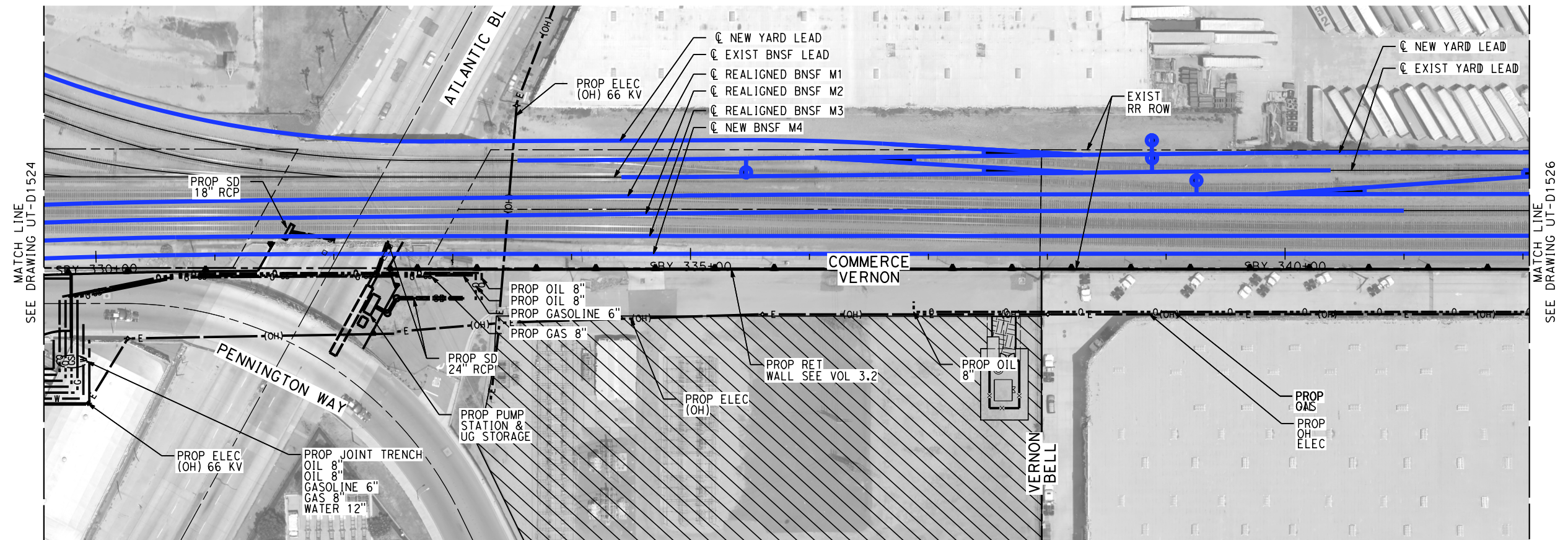
PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY  
  
NOT FOR  
CONSTRUCTION



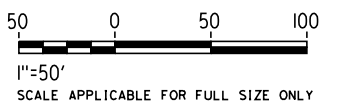
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**  
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 316+00 TO STA SBY 329+50



CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
UT-D1524  
SCALE  
1" = 50'  
SHEET NO.



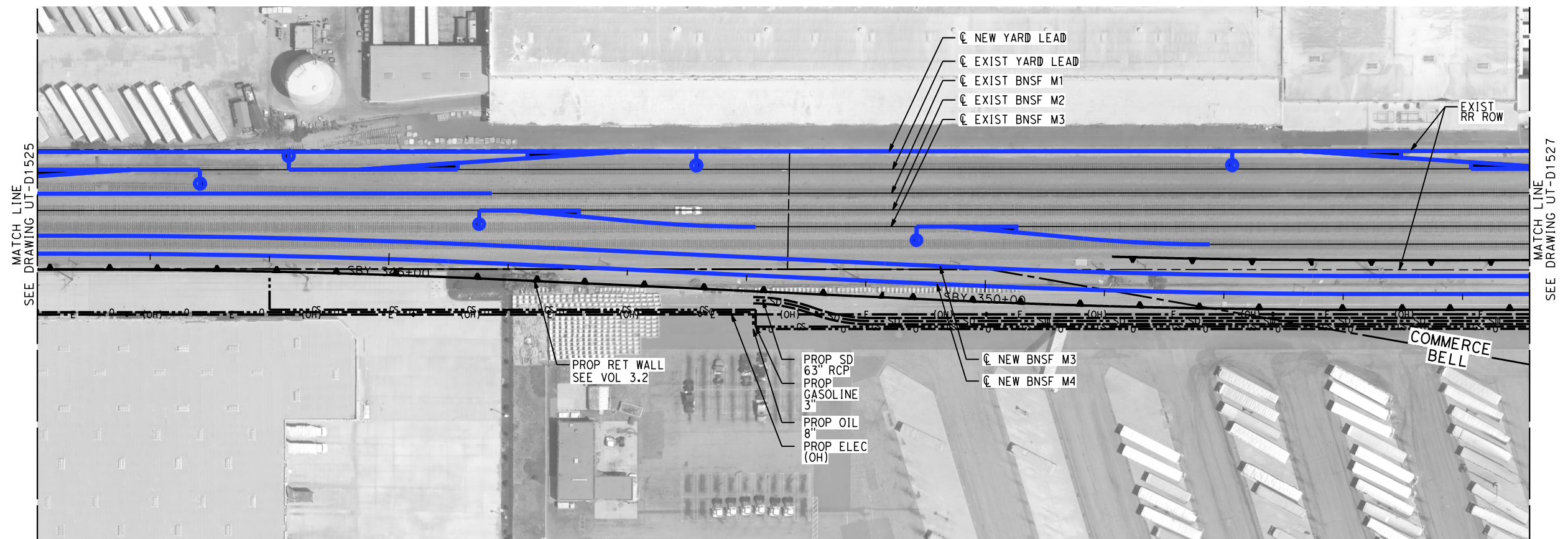


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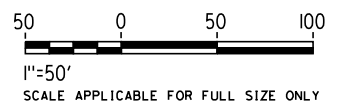




						DESIGNED BY C. HUANG	<b>PEPD SUBMITTAL FOR INTERNAL USE ONLY</b>			<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b>	CONTRACT NO. HSR06-0005
						DRAWN BY C. HUANG					DRAWING NO. UT-D1525
						CHECKED BY A. BOSCH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/28/25	<b>NOT FOR CONSTRUCTION</b>			<b>RECORD SET</b> PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA SBY 329+50 TO STA SBY 342+00	





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						DESIGNED BY C. HUANG	<b>PEPD SUBMITTAL FOR INTERNAL USE ONLY</b>			<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b>	CONTRACT NO. HSR06-0005
						DRAWN BY C. HUANG					DRAWING NO. UT-D1526
						CHECKED BY A. BOSCH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/28/25	<b>NOT FOR CONSTRUCTION</b>			<b>PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA SBY 342+00 TO STA SBY 354+50</b>	

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	C. HUANG
DRAWN BY	C. HUANG
CHECKED BY	A. BOSCH
IN CHARGE	J. SWANSON
DATE	02/28/25

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CONSTRUCTION**



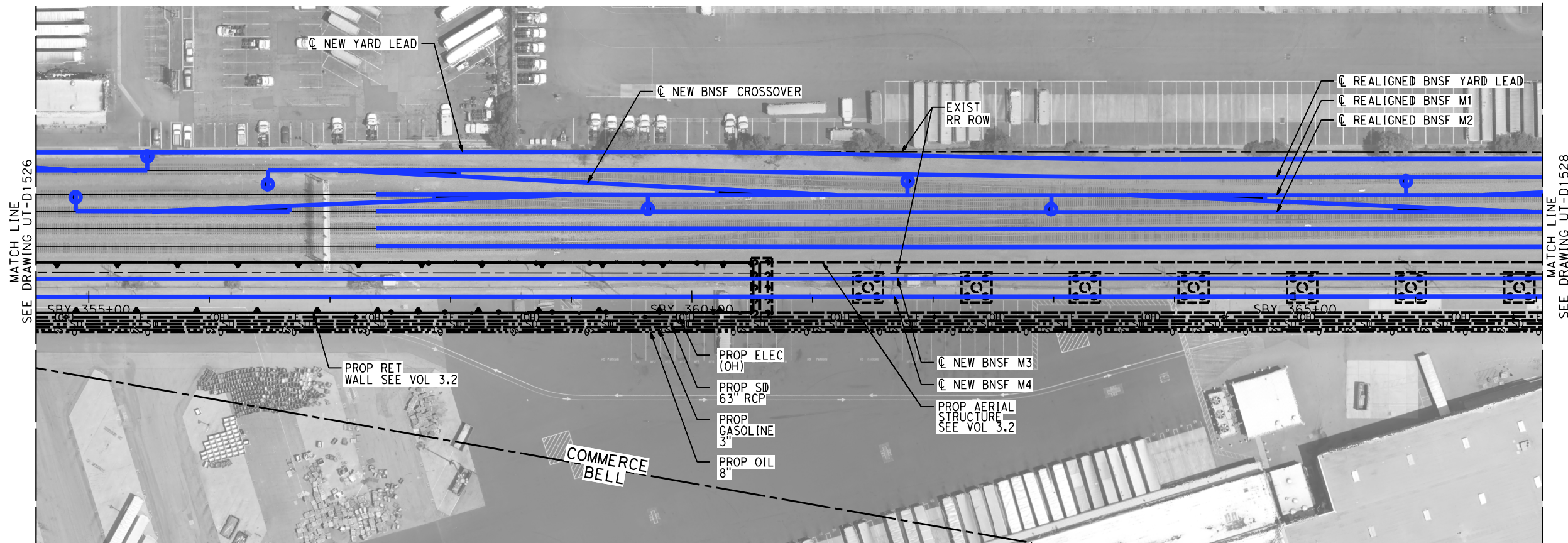
**CALIFORNIA**  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

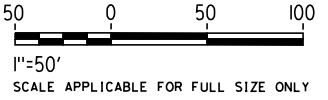
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 342+00 TO STA SBY 354+50


CONTRACT NO.	HSR06-0005
DRAWING NO.	UT-D1526
SCALE	1" = 50'
SHEET NO.	





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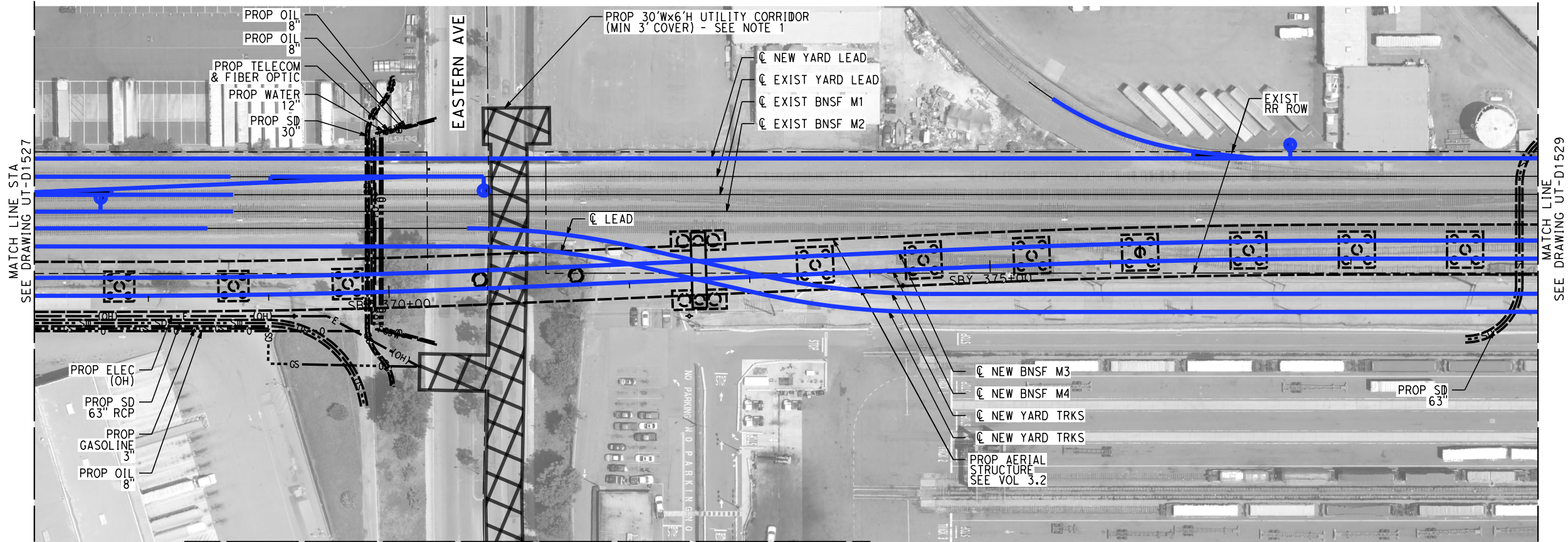


							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY	stv		CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA SBY 354+50 TO STA SBY 367+00	CONTRACT NO. HSR06-0005
						DRAWN BY C. HUANG	DRAWING NO. UT-D1527						
						CHECKED BY A. BOSCH	SCALE 1" = 50'						
						IN CHARGE J. SWANSON	SHEET NO.						
						DATE 02/28/25							
\$PLOT\$	REV	DATE	BY	CHK	APP	DESCRIPTION		NOT FOR CONSTRUCTION					



NOTES :

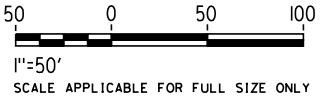
1. PROPOSED UTILITY CORRIDOR SIZE AND ROUTING IS PRELIMINARY AND FOR ENVIRONMENTAL CLEARANCE PURPOSES ONLY. ACTUAL SIZE, ROUTING AND TYPES OF UTILITIES TO BE REROUTED IS PER COORDINATION AGREEMENT BETWEEN HSR AUTHORITY, THE BNSF, CITIES AND UTILITY COMPANIES.



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY C. HUANG
DRAWN BY C. HUANG
CHECKED BY A. BOSCH
IN CHARGE J. SWANSON
DATE 02/28/25

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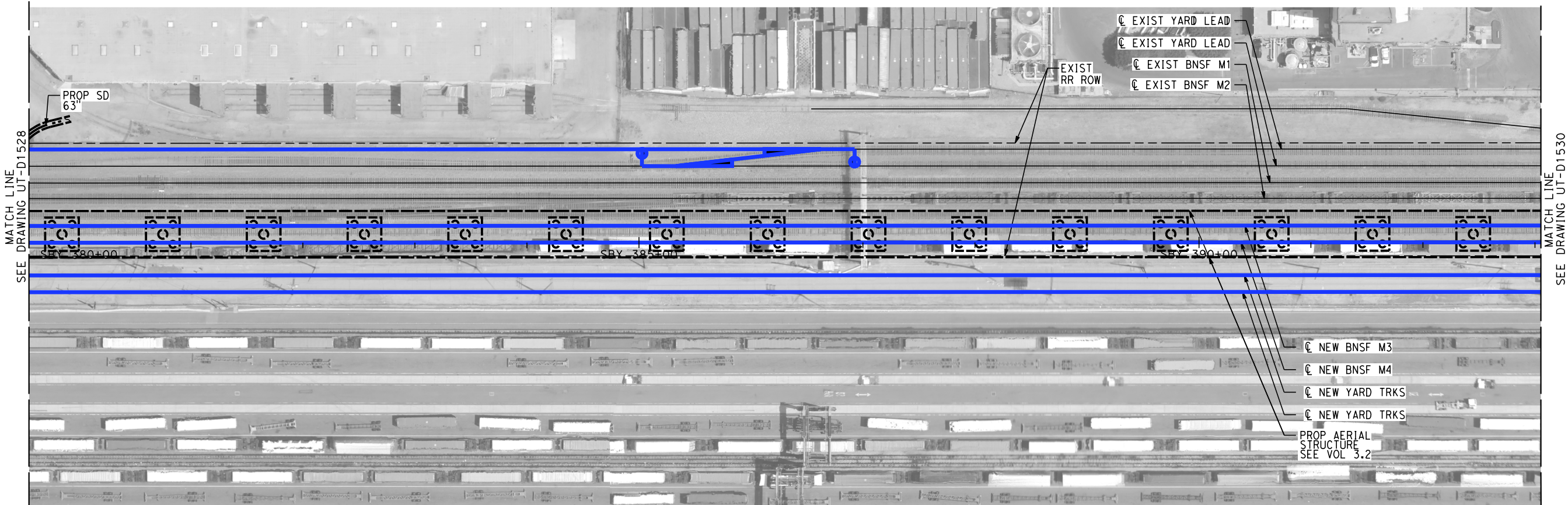
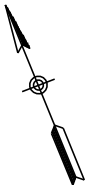
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

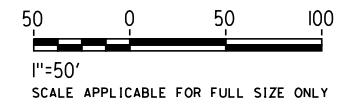
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
PROPOSED UTILITIES RELOCATION PLAN  
STA SBY 367+00 TO STA SBY 379+50


CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1528
SCALE 1" = 50'
SHEET NO.





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							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY	stvr	 CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA SBY 379+50 TO STA SBY 393+00	CONTRACT NO. HSR06-0005
							DRAWN BY C. HUANG					DRAWING NO. UT-D1529
							CHECKED BY A. BOSCH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
\$PLOT\$	REV	DATE	BY	CHK	APP	DESCRIPTION						





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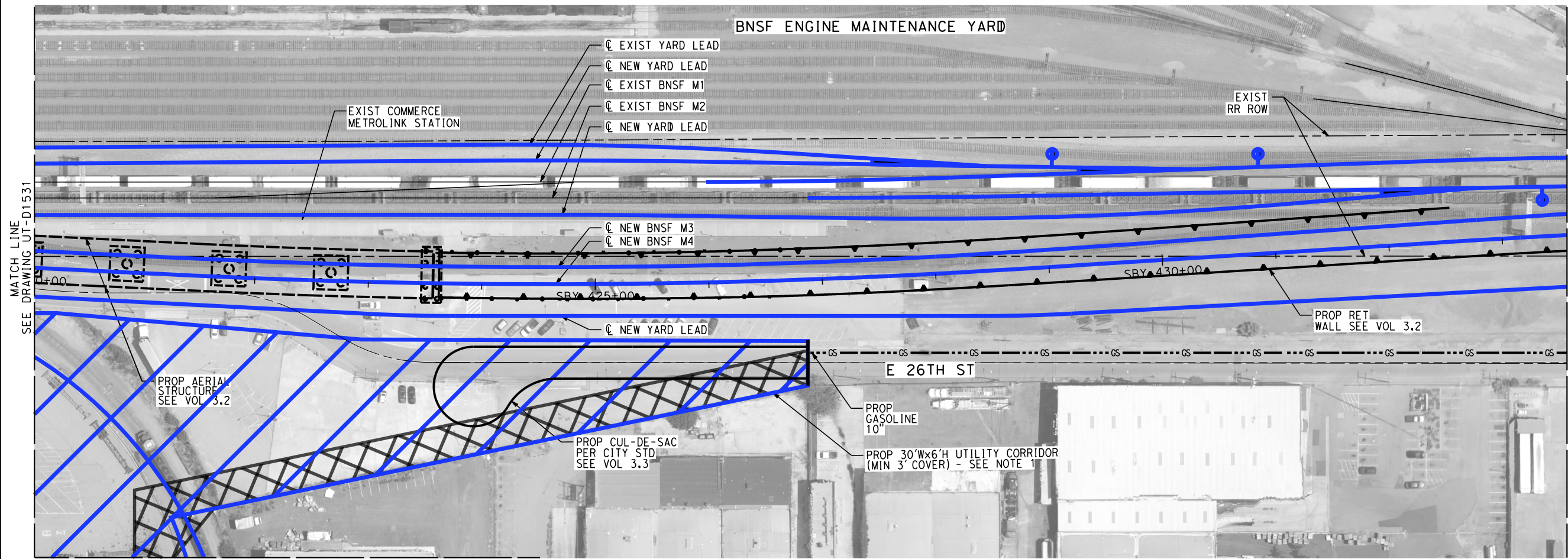






NOTES :

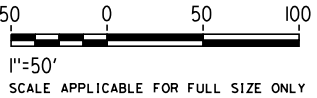
1. PROPOSED UTILITY CORRIDOR SIZE AND ROUTING IS PRELIMINARY AND FOR ENVIRONMENTAL CLEARANCE PURPOSES ONLY. ACTUAL SIZE, ROUTING AND TYPES OF UTILITIES TO BE REROUTED IS PER COORDINATION AGREEMENT BETWEEN HSR AUTHORITY, THE BNSF, CITIES AND UTILITY COMPANIES.





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\$PLOT \$							DESIGNED BY C. HUANG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION PROPOSED UTILITIES RELOCATION PLAN STA SBY 420+00 TO STA SBY 433+50	CONTRACT NO. HSR06-0005
							DRAWN BY C. HUANG					DRAWING NO. UT-D1532
							CHECKED BY A. BOSCH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						