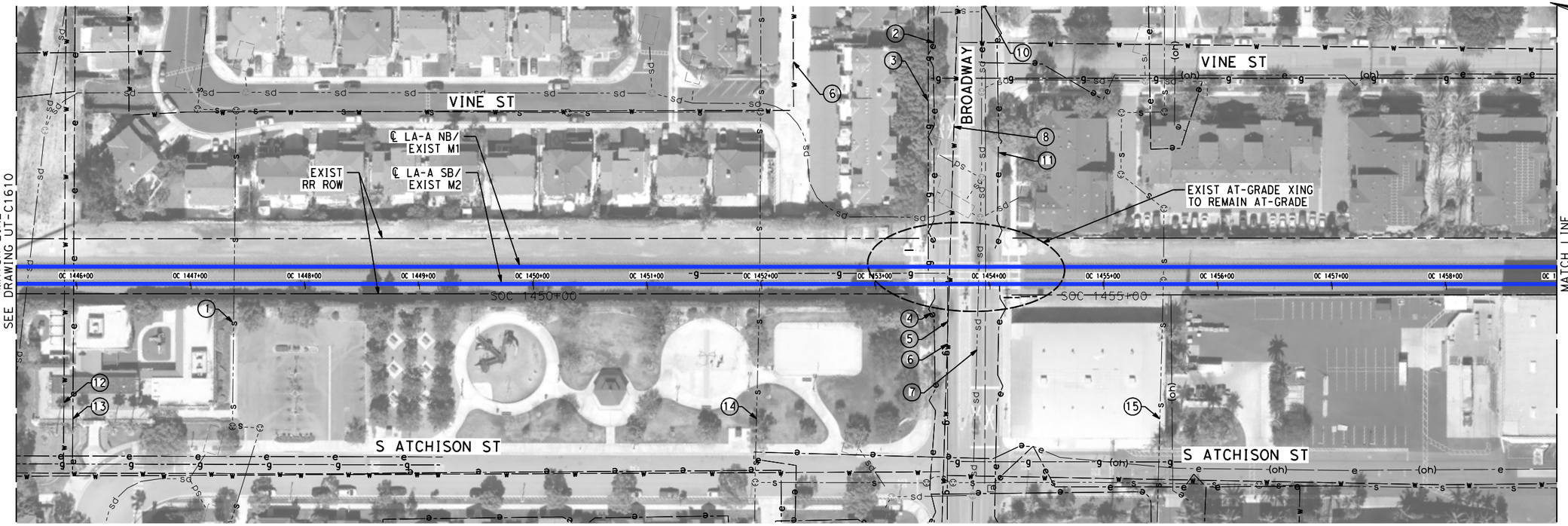


MAJOR UTILITY CONFLICTS

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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50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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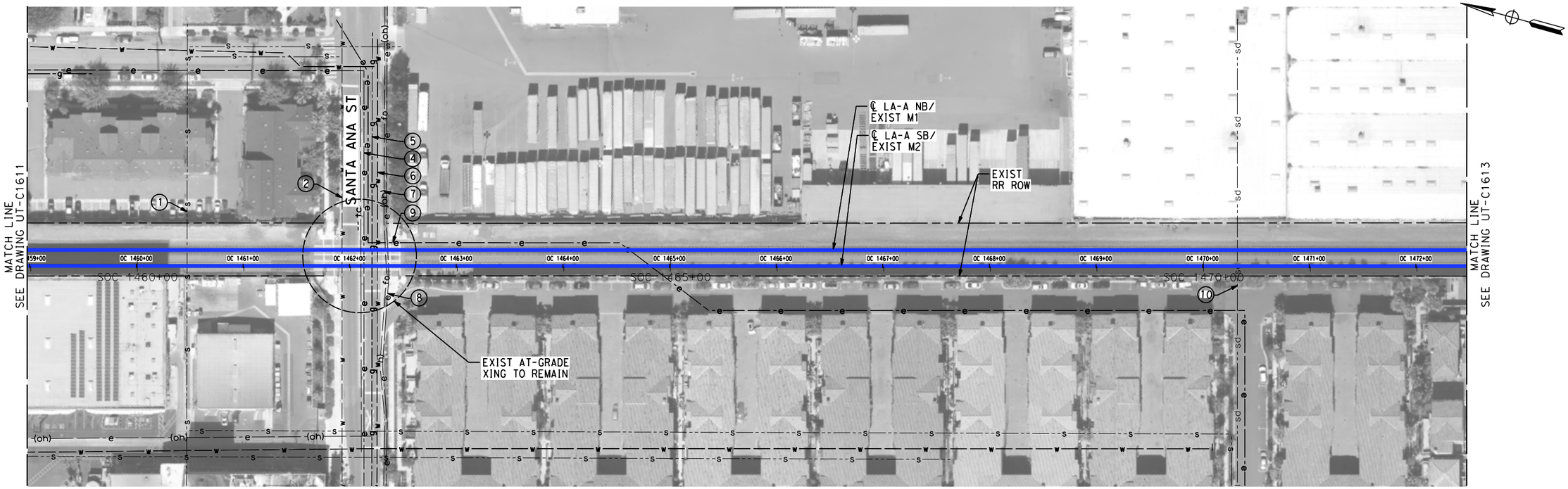
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



MAJOR UTILITY CONFLICTS

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
①	SEWER	6" VCP	STA SOC 1460+50	CITY OF ANAHEIM	PROTECT-IN-PLACE
②	WATER	IRRIGATION	SANTA ANA ST.	CITY OF ANAHEIM	PROTECT-IN-PLACE
③	COMMUNICATION	FIBER OPTIC (UG)	SANTA ANA ST.	AT&T - TCA	PROTECT-IN-PLACE
④	ELECTRIC	12 kV (UG)	STA SOC 1462+15/ SANTA ANA ST.	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑤	GAS	6"	STA SOC 1462+25	SCG	PROTECT-IN-PLACE
⑥	WATER	12" CIP	SANTA ANA ST.	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑦	COMMUNICATION	BURIED CABLE CONDUIT	SANTA ANA ST.	VERIZON BUSINESS (MCI)	PROTECT-IN-PLACE
⑧	STREET LIGHTING	CONDUIT (UG)	SANTA ANA ST.	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑨	ELECTRIC	6.9 kV (UG)	STA SOC 1462+20 TO STA SOC 1465+00	CITY OF ANAHEIM	PROTECT-IN-PLACE
⑩	STORM DRAIN	36" RCP	STA SOC 1470+25	CITY OF ANAHEIM	PROTECT-IN-PLACE

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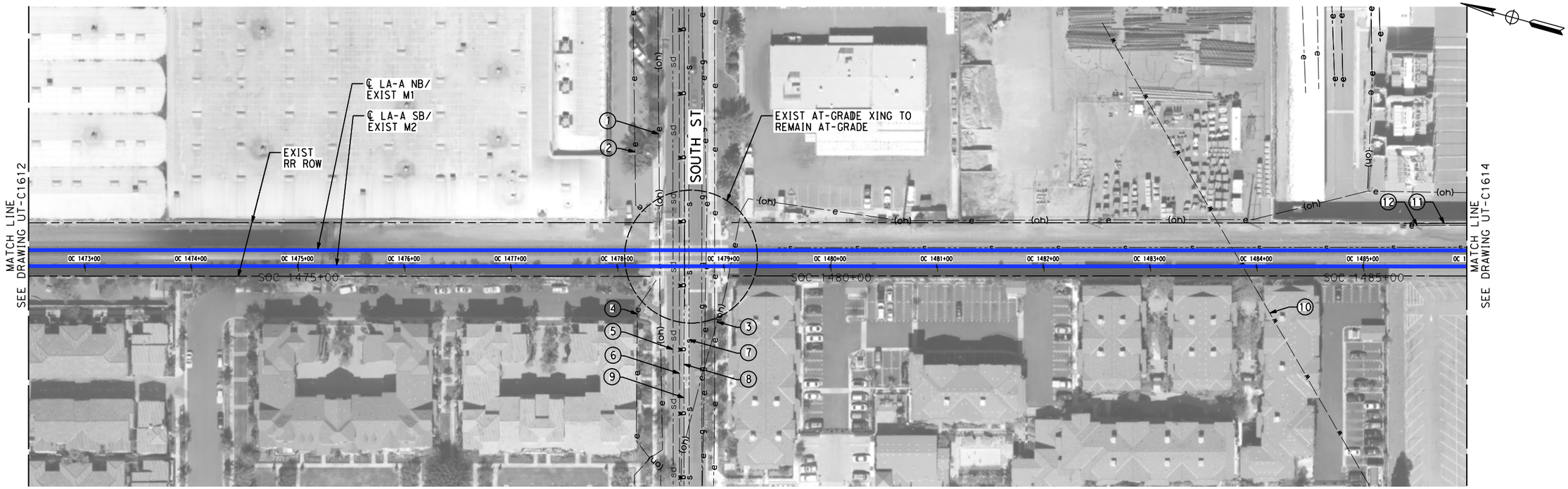
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
EXISTING COMPOSITE UTILITIES PLAN
STA SOC 1459+00 TO STA SOC 1472+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1612
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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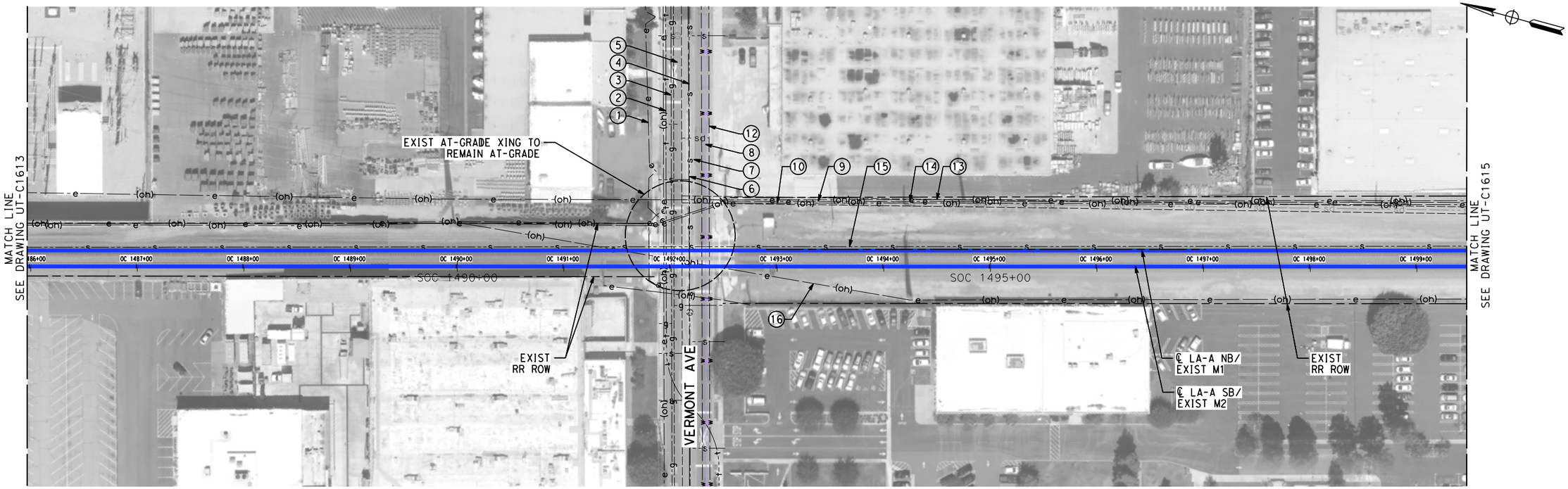
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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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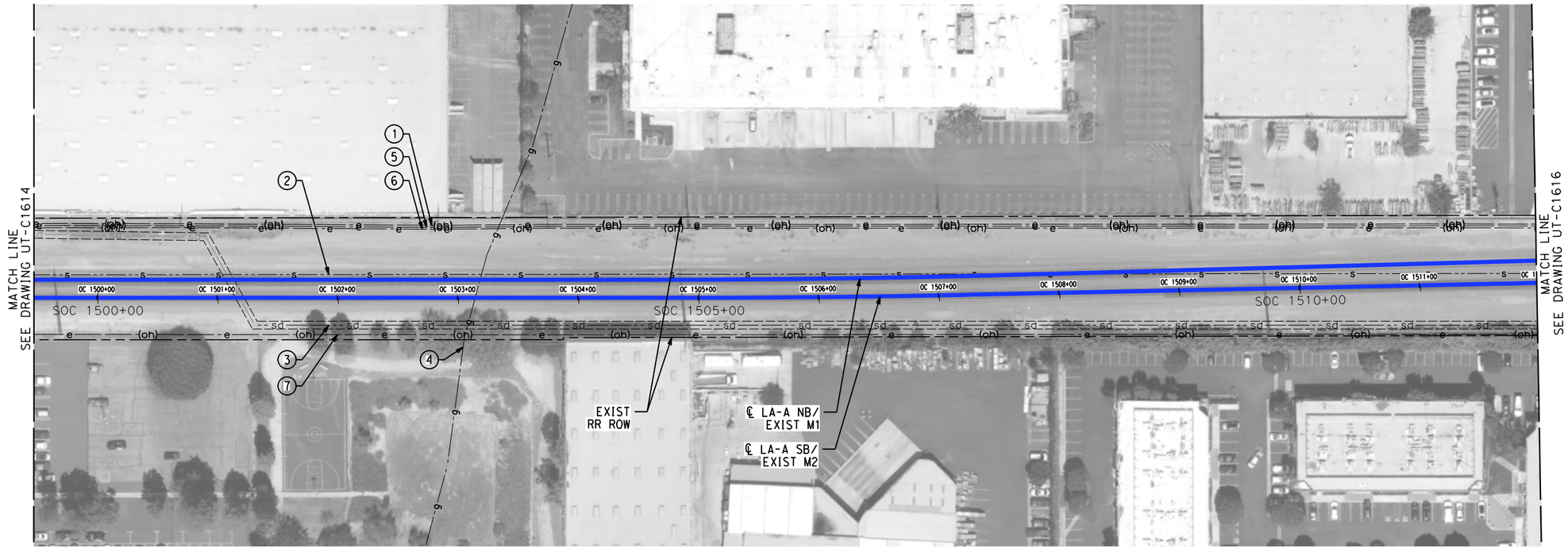
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
EXISTING COMPOSITE UTILITIES PLAN
STA SOC 1486+00 TO STA SOC 1499+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1614
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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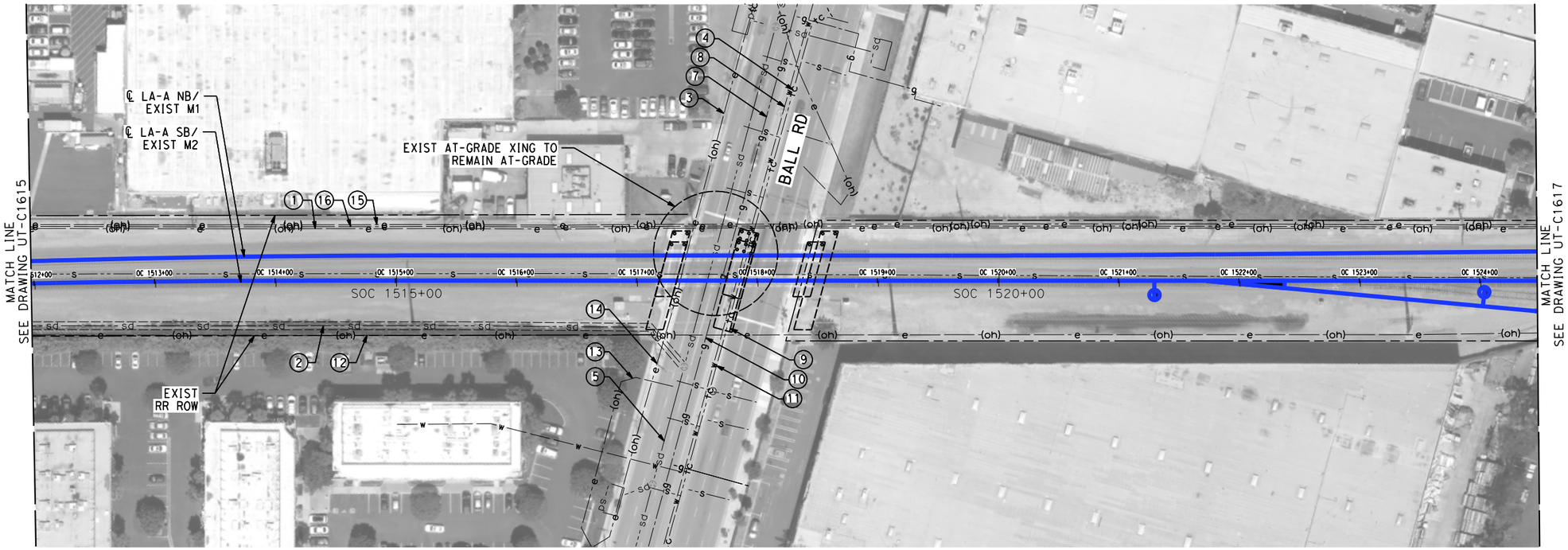
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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

No.	TYPE OF UTILITY	SIZE / MATERIAL	LOCATION	OWNER	DISPOSITION
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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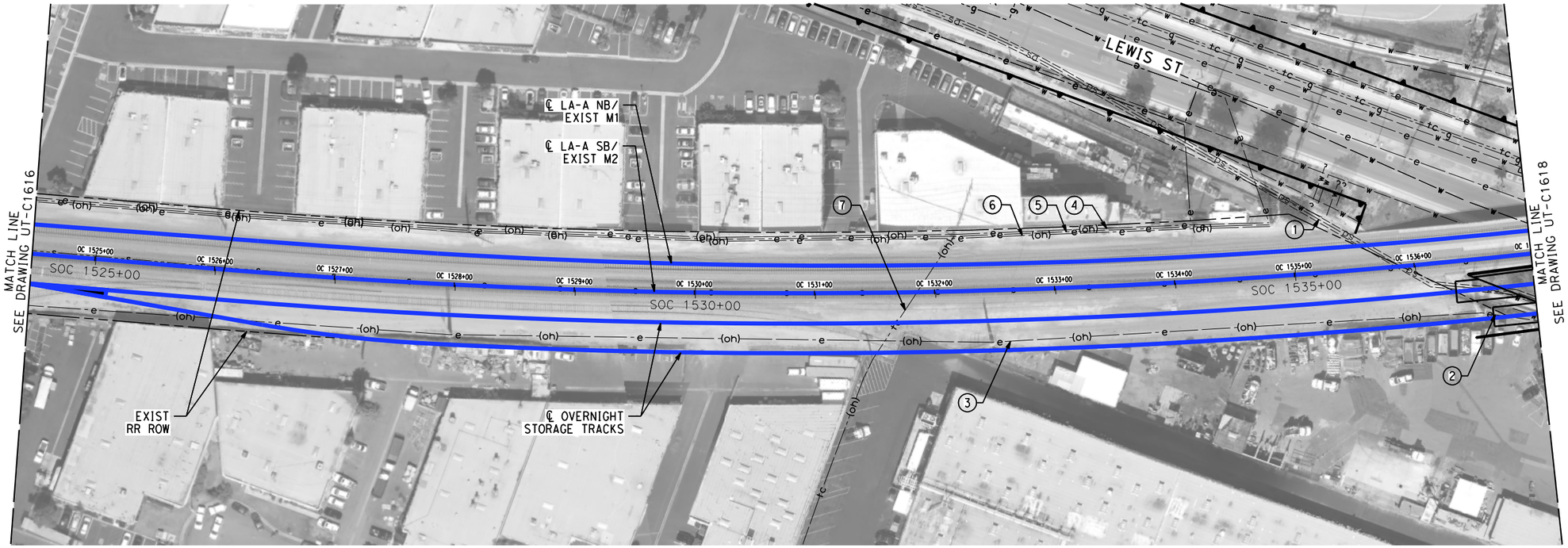
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
EXISTING COMPOSITE UTILITIES PLAN
STA SOC 1512+00 TO STA SOC 1524+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1616
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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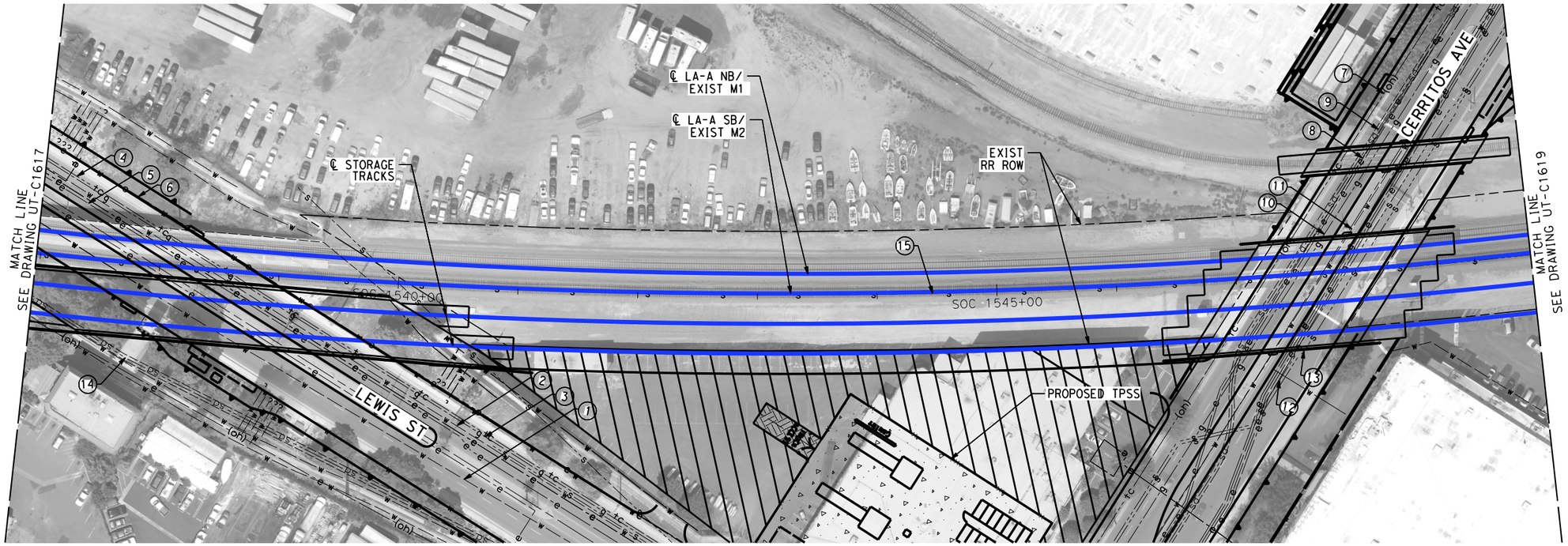
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
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STA SOC 1524+50 TO STA SOC 1537+00

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

$PLOT$



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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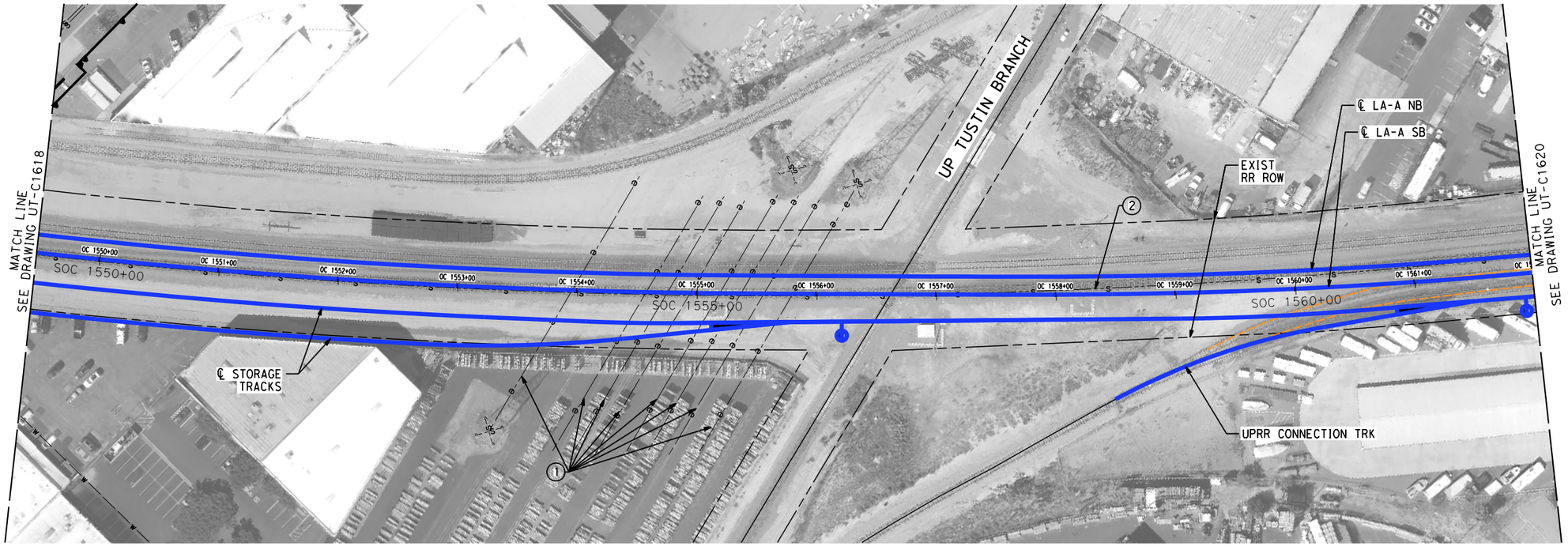
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
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STA SOC 1537+00 TO STA SOC 1549+50

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

$PLOT$



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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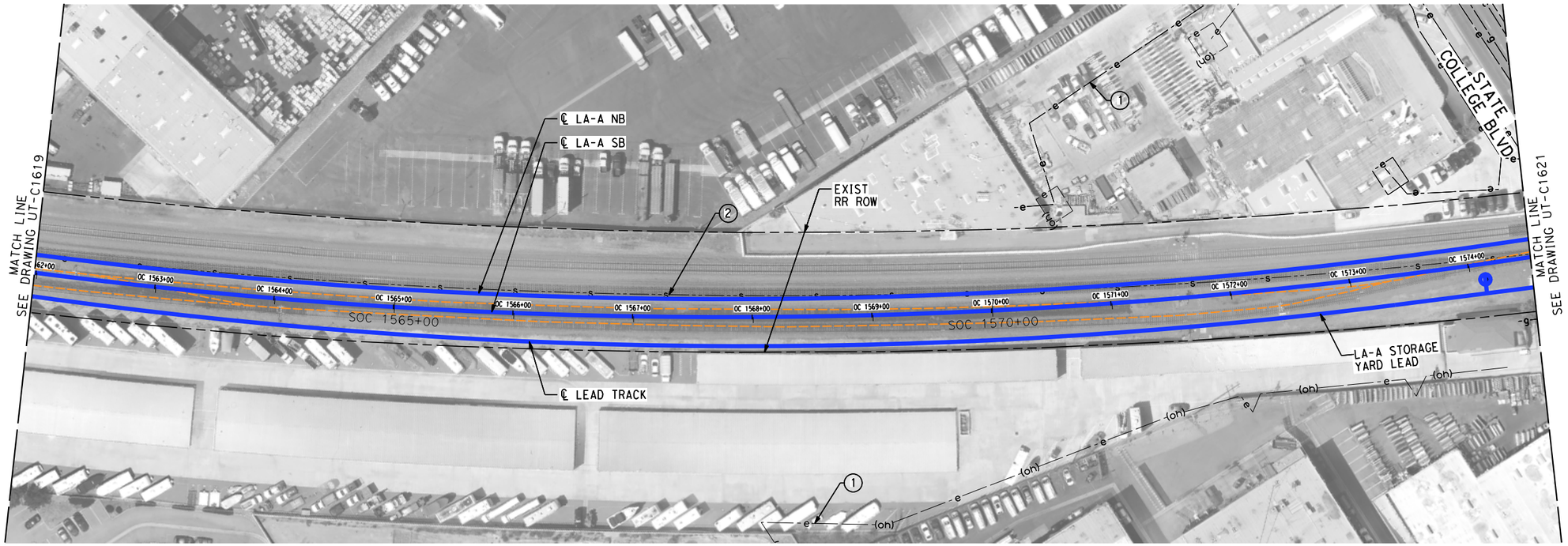
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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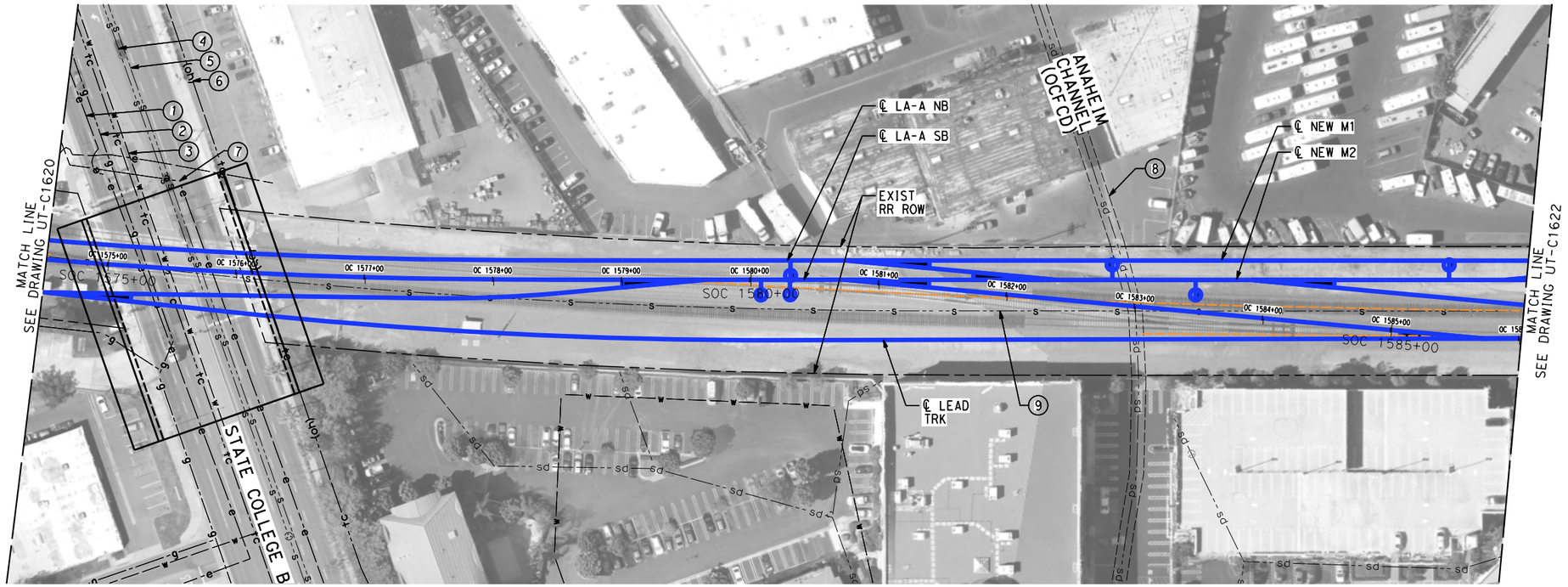
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1620
SCALE 1" = 50'
SHEET NO.

$PLOT$



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	TELEPHNE 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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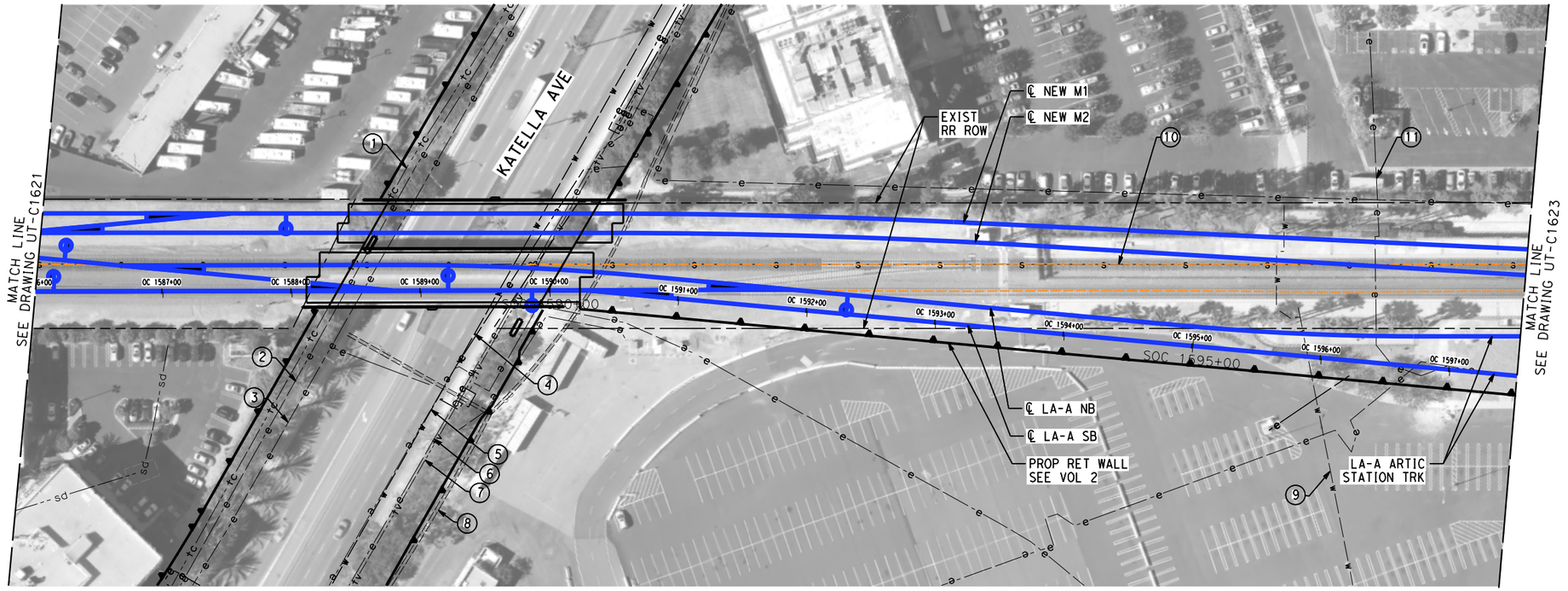
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
EXISTING COMPOSITE UTILITIES PLAN
STA SOC 1574+50 TO STA SOC 1586+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1621
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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50 0 50 100
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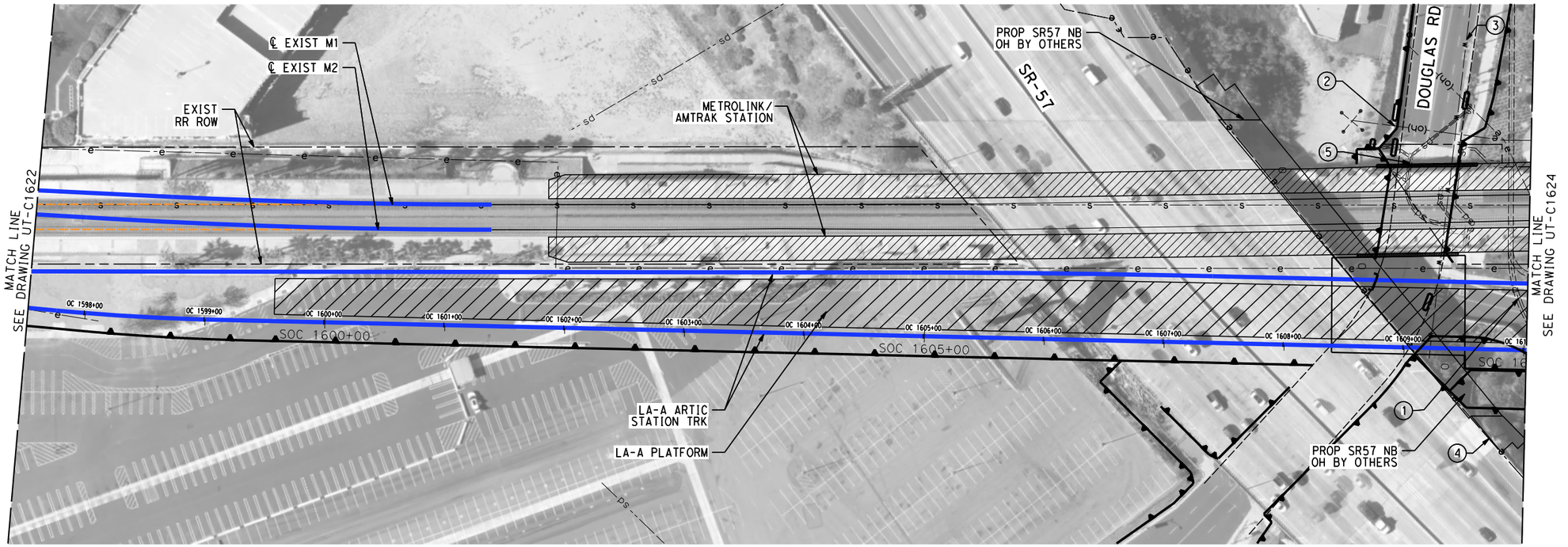
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
EXISTING COMPOSITE UTILITIES PLAN
STA SOC 1586+00 TO STA SOC 1597+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C1622
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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50 0 50 100
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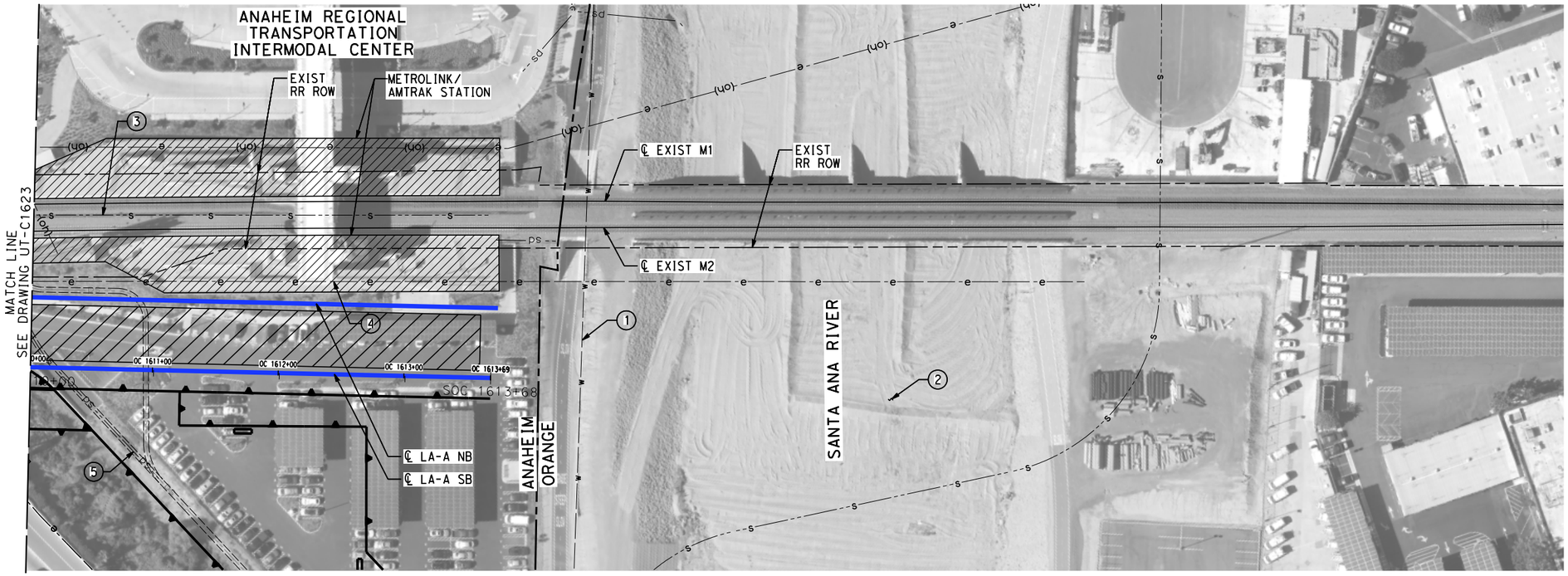
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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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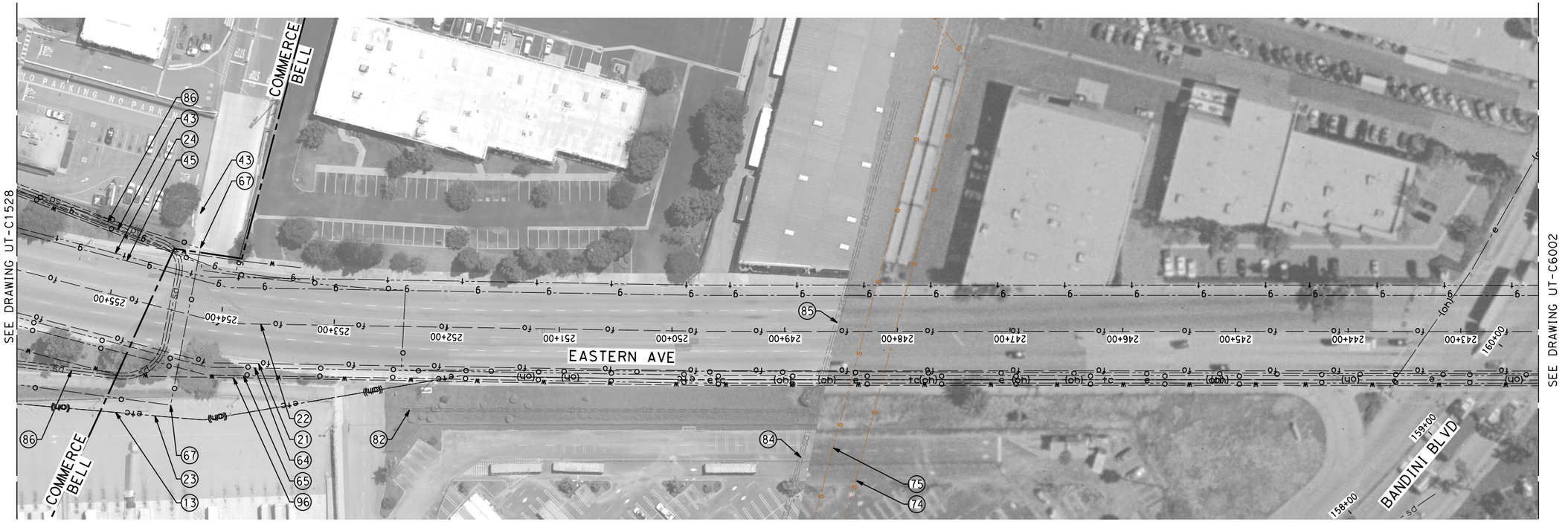
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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
(21)	COMMUNICATION	FIBER OPTIC (UG)	EASTERN STA 242+50 TO 256+00	AT&T LOCAL	PROTECT IN PLACE
(22)	COMMUNICATION	FIBER OPTIC (UG)	EASTERN STA 242+50 TO 256+00	WILCON (FREEDOM)	PROTECT IN PLACE
(23)	COMMUNICATION	TELECOM OH	EASTERN STA 242+50 TO 256+00	AT&T LOCAL	PROTECT IN PLACE
(24)	COMMUNICATION	TELECOM OH	EASTERN STA 242+50 TO 256+00	AT&T LOCAL	PROTECT IN PLACE
(43)	GAS	6"	EASTERN STA 254+37 TO 256+00	SCG	PROTECT IN PLACE
(45)	GAS	10"	EASTERN STA 242+50 TO 256+00	SCG	PROTECT IN PLACE
(64)	OIL	8"	EASTERN STA 242+50 TO 256+00	EXXON MOBIL	PROTECT IN PLACE
(65)	OIL	8"	EASTERN STA 242+50 TO 256+00	EXXON MOBIL	PROTECT IN PLACE
(66)	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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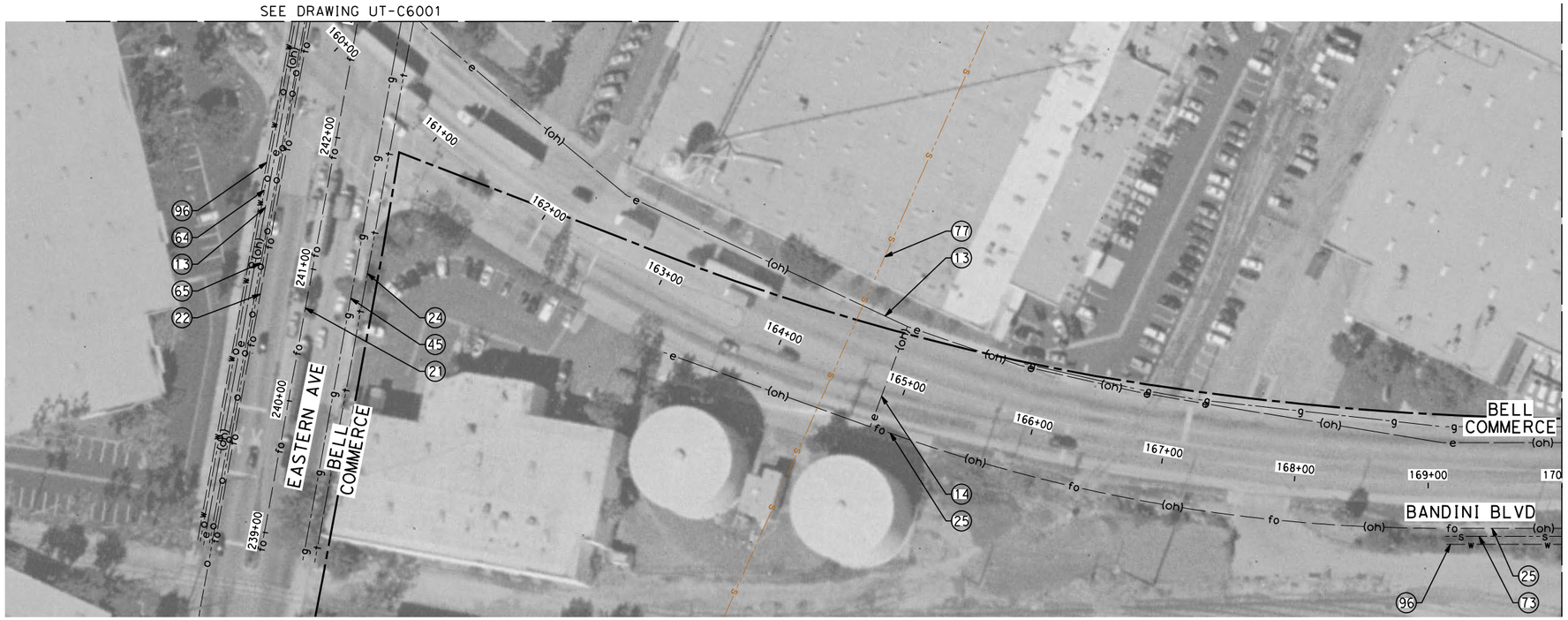
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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

50 0 50 100
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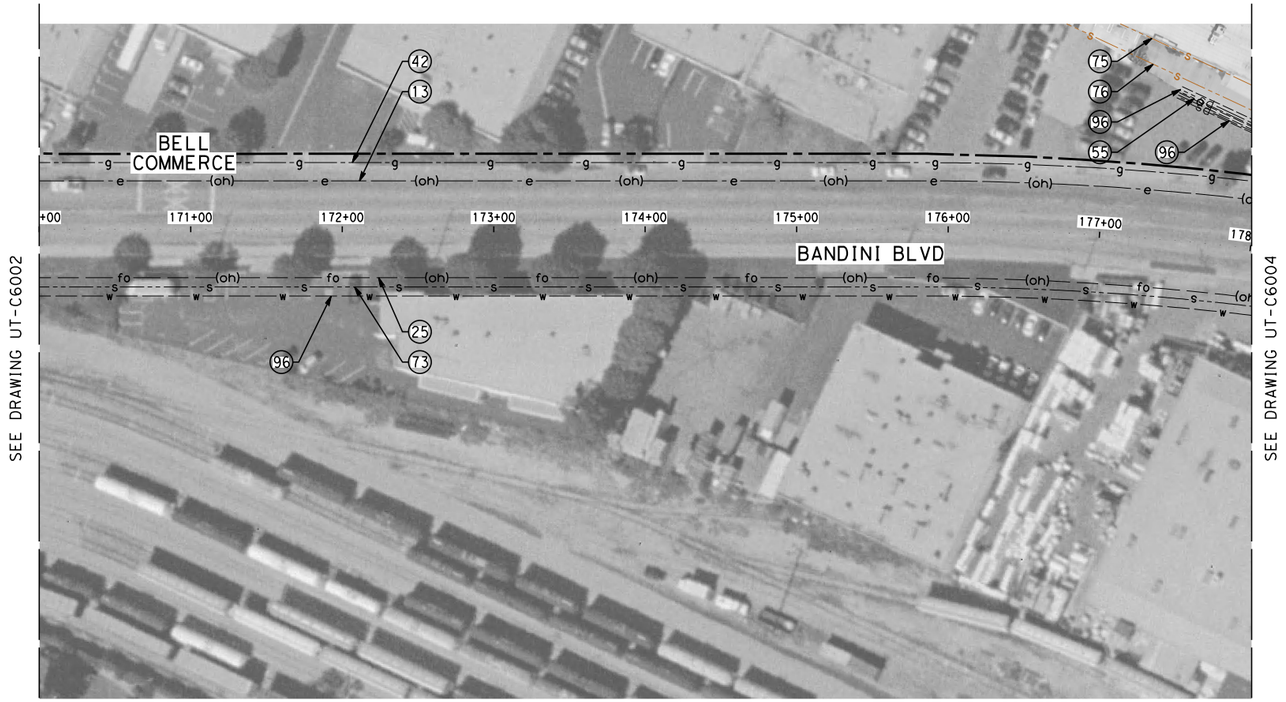
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
EXISTING COMPOSITE UTILITIES PLAN
BANDINI BLVD STA 159+50 TO STA 170+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C6002
SCALE 1" = 50'
SHEET NO.

$PLOT$



SEE DRAWING UT-C6002

SEE DRAWING UT-C6004

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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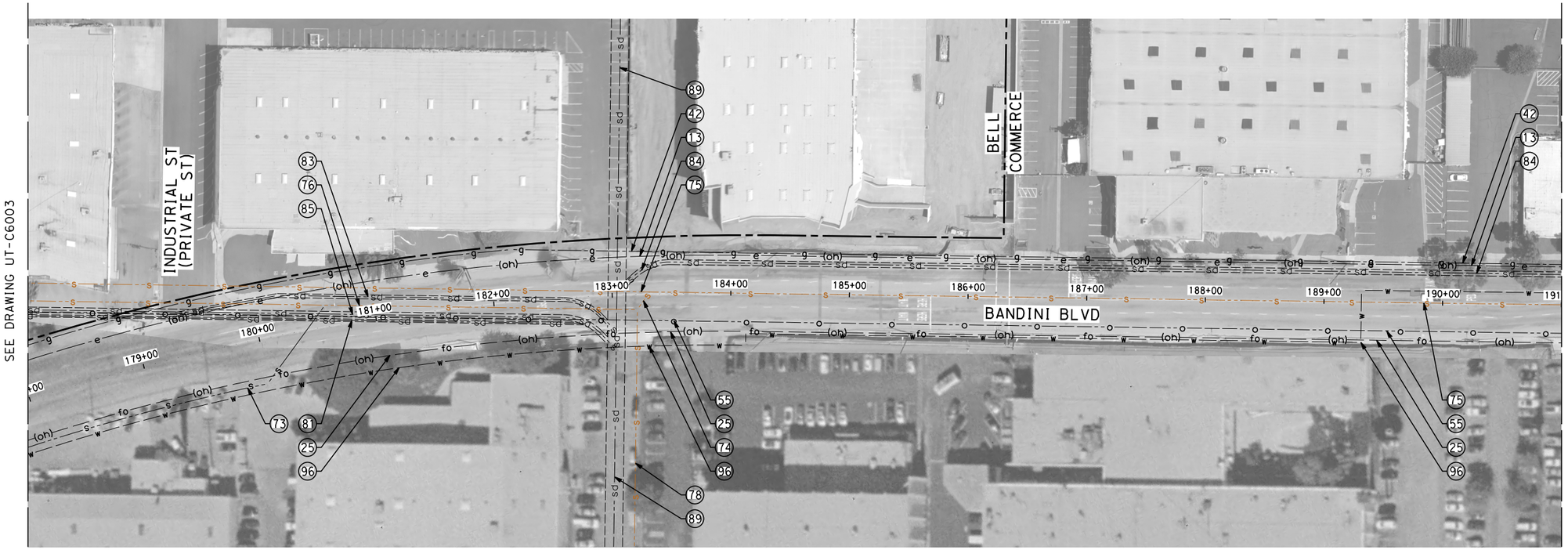
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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'
SHEET NO.

$PLOT$



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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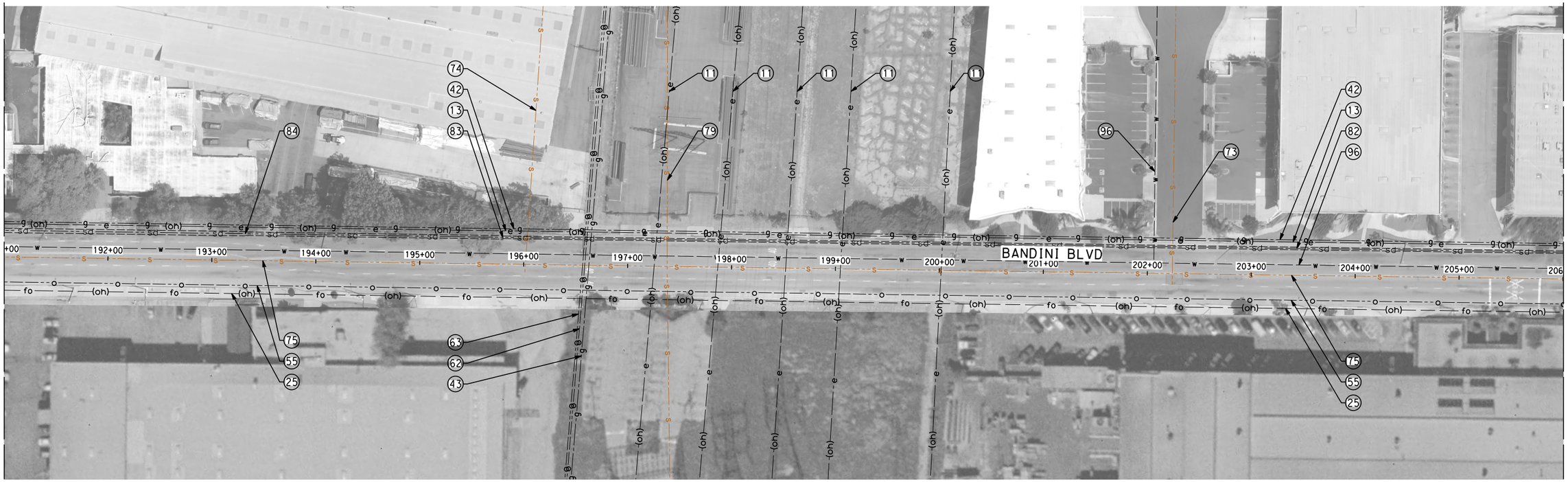
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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'
SHEET NO.

$PLOT$



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

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

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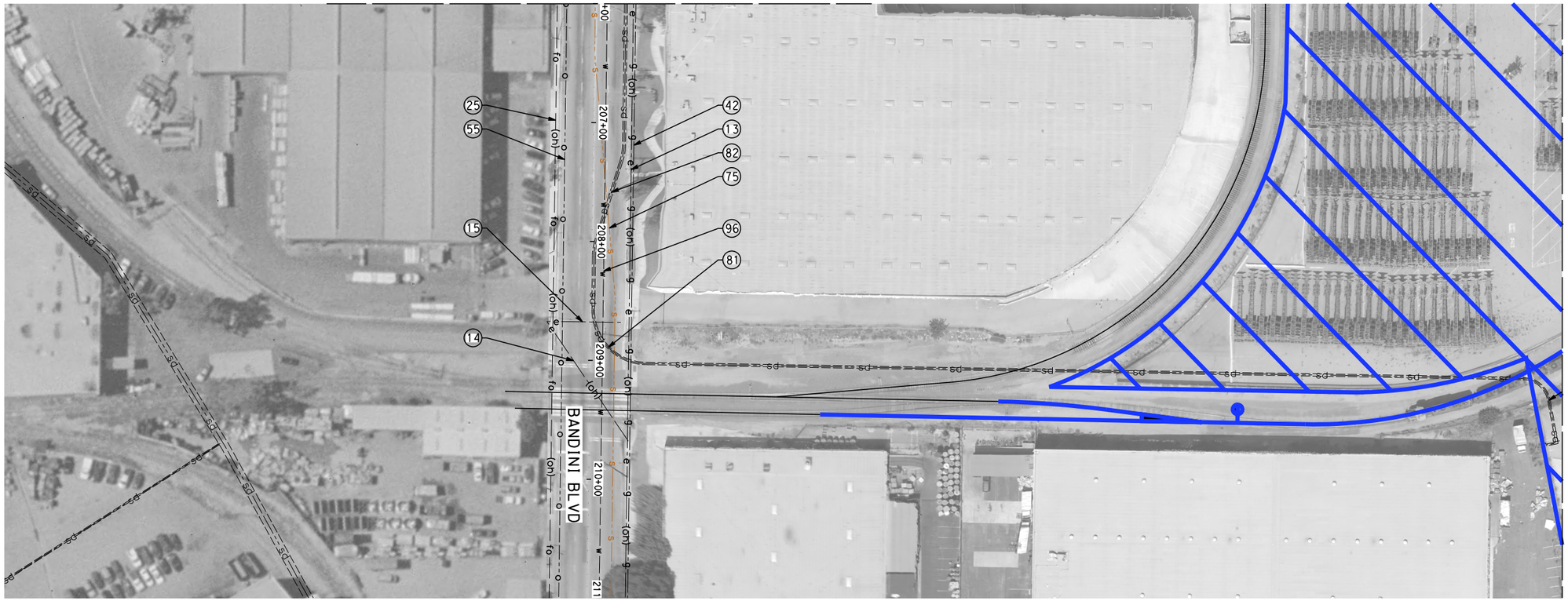
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
EXISTING COMPOSITE UTILITIES PLAN
BANDINI STA 191+00 TO STA 206+00

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

$PLOT$

SEE DRAWING UT-C6005



SEE DRAWING UT-C1531

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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50 0 50 100
1"=50'
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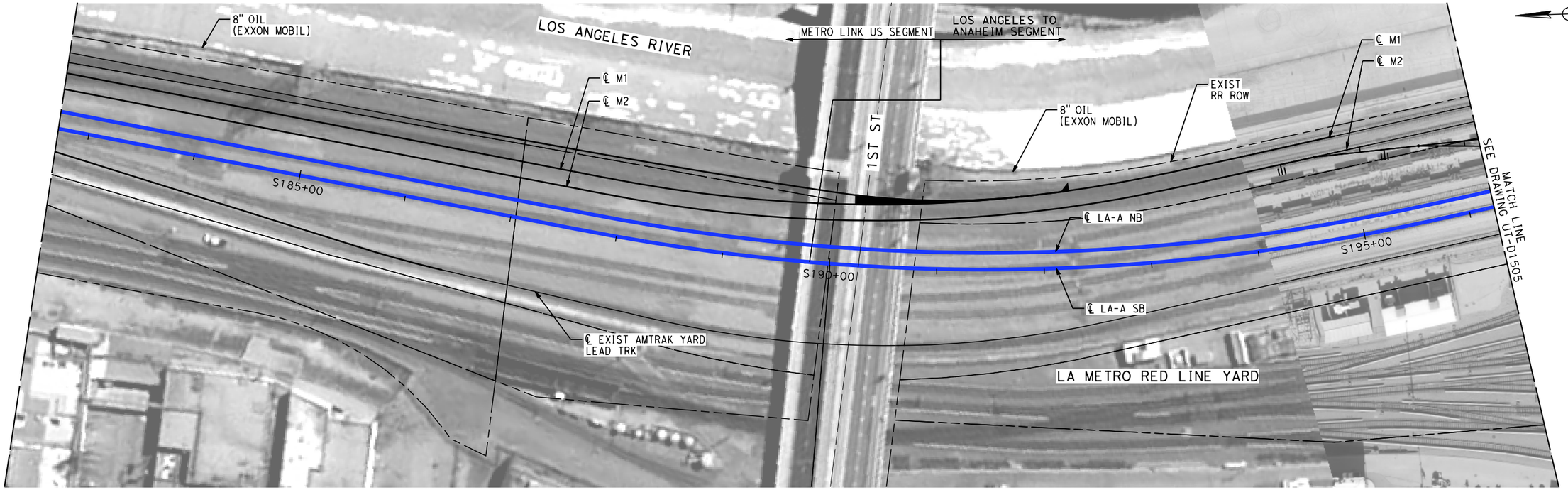
stv

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
BANDINI STA 206+00 TO STA 211+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-C6006
SCALE 1" = 50'
SHEET NO.

$PLOT$



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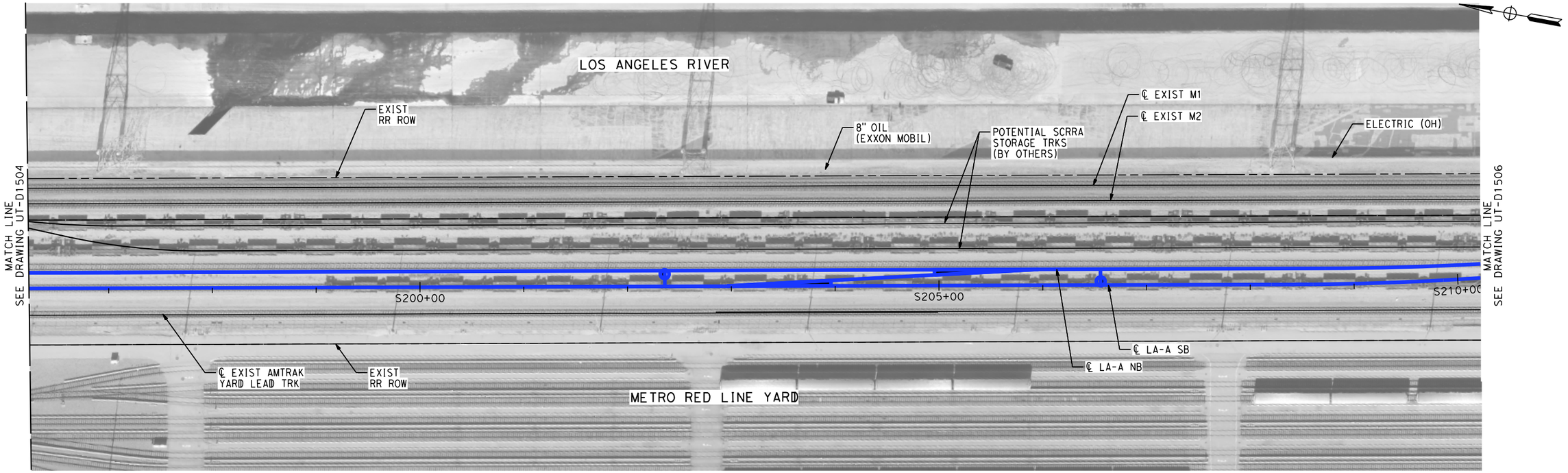
stv

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 S182+50 TO STA S196+00

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

$PLOT$



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$PLOT$

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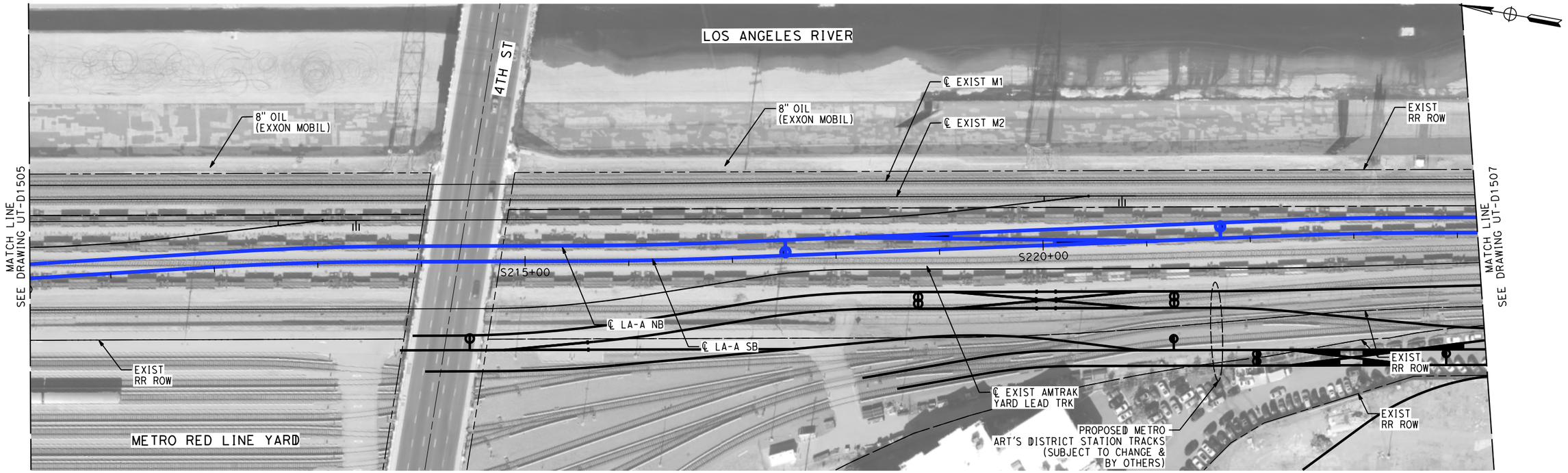
NOT FOR CONSTRUCTION

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 S196+00 TO STA S210+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1505
SCALE 1" = 50'
SHEET NO.



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50 0 50 100
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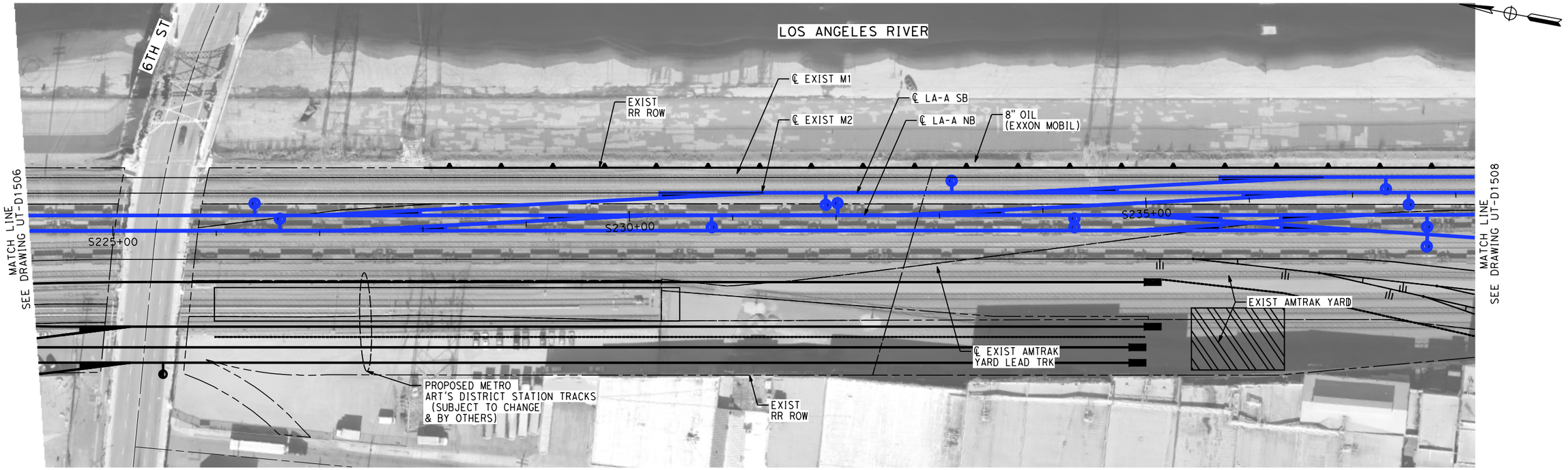
stv

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 S210+00 TO STA S224+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1506
SCALE 1" = 50'
SHEET NO.

$PLOT$



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50 0 50 100
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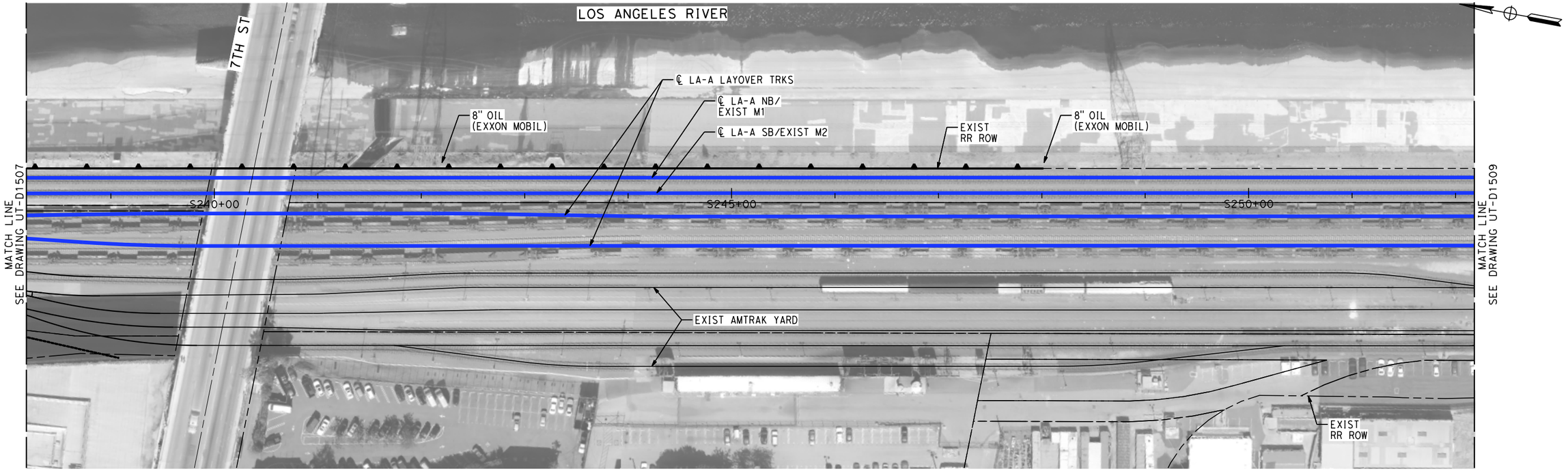
stv

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 S224+00 TO STA S238+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1507
SCALE 1" = 50'
SHEET NO.

$PLOT$



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50 0 50 100
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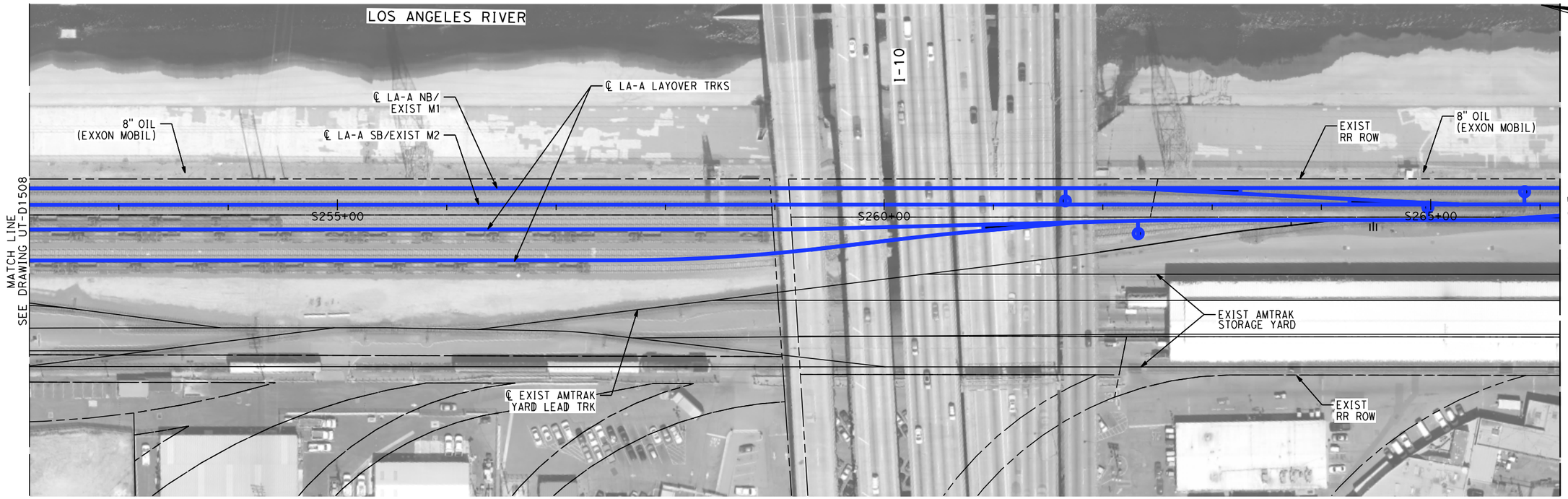
stv

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 S238+00 TO STA S252+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1508
SCALE 1" = 50'
SHEET NO.

$PLOT$



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50 0 50 100
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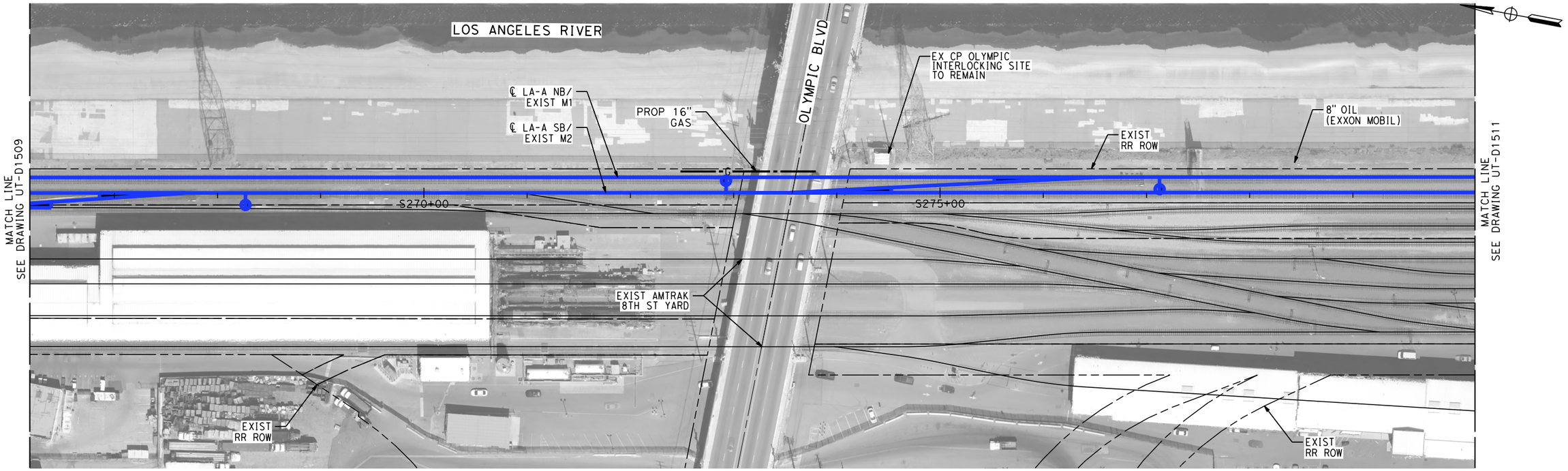
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA S252+00 TO STA S266+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1509
SCALE 1" = 50'
SHEET NO.

$PLOT$



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50 0 50 100
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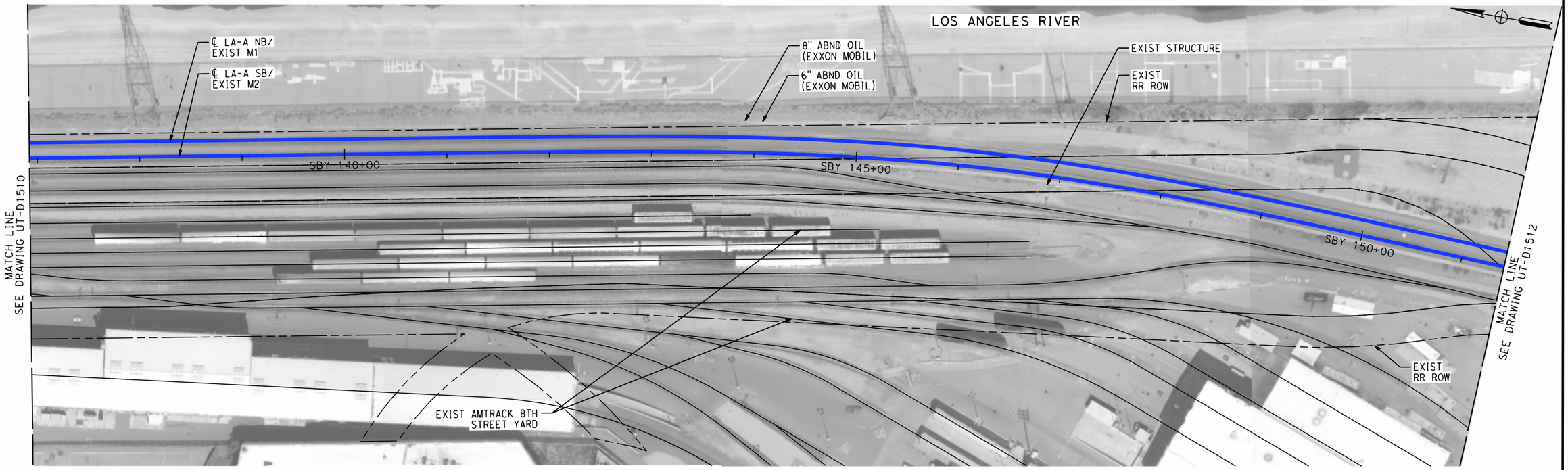
stv

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 S266+00 (BACK) TO STA SBY 137+00 (AHEAD)

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1510
SCALE 1" = 50'
SHEET NO.

$PLOT$



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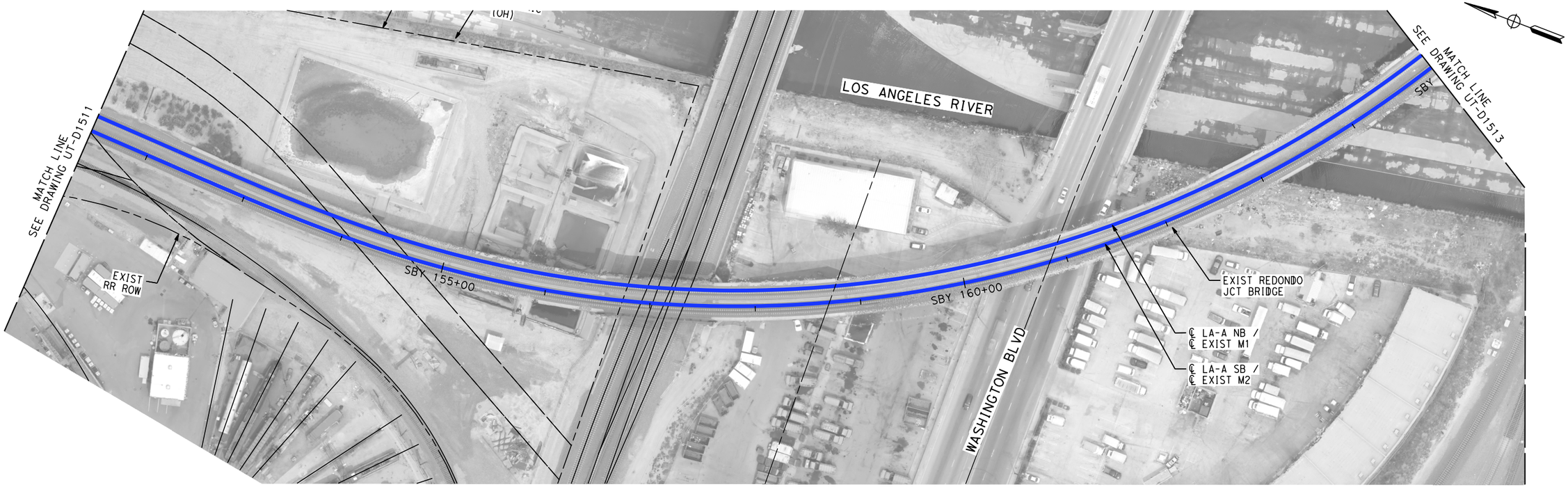
stv

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 137+00 TO STA SBY 151+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1511
SCALE 1" = 50'
SHEET NO.

$PLOT$



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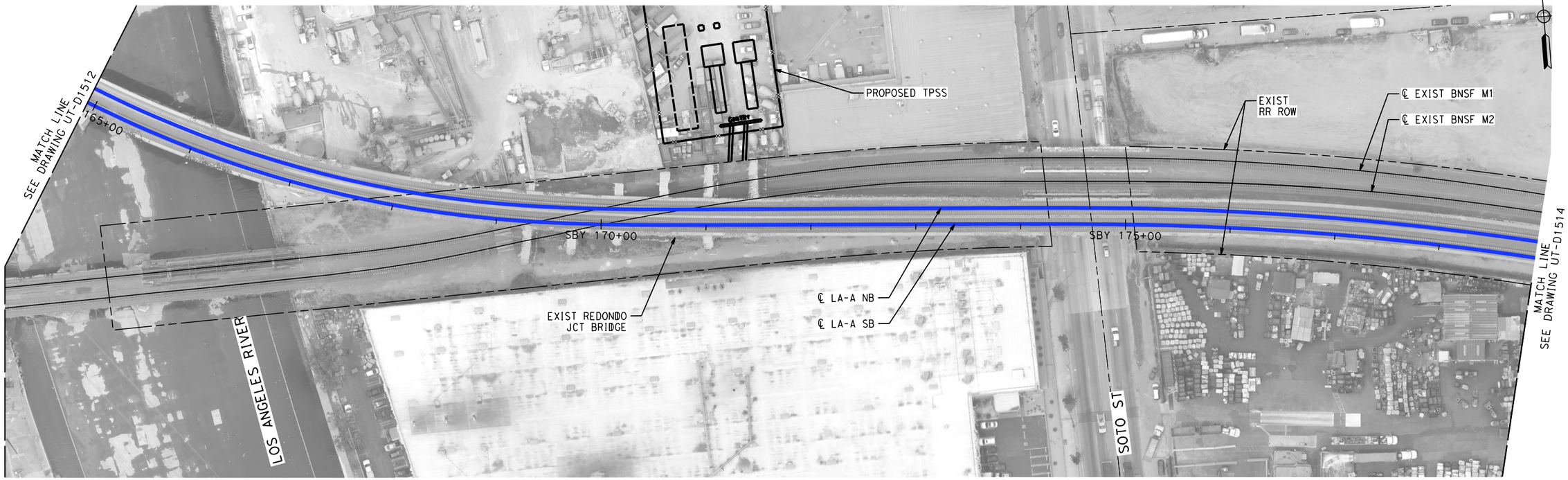
stv

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 151+00 TO STA SBY 164+50

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

$PLOT$



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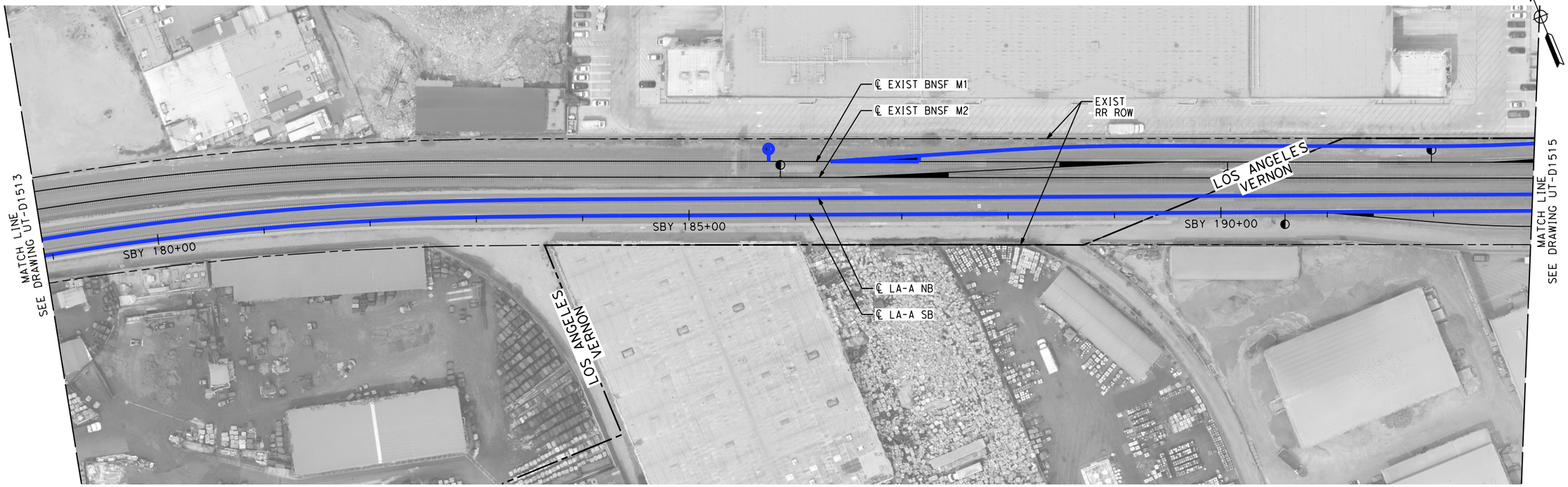
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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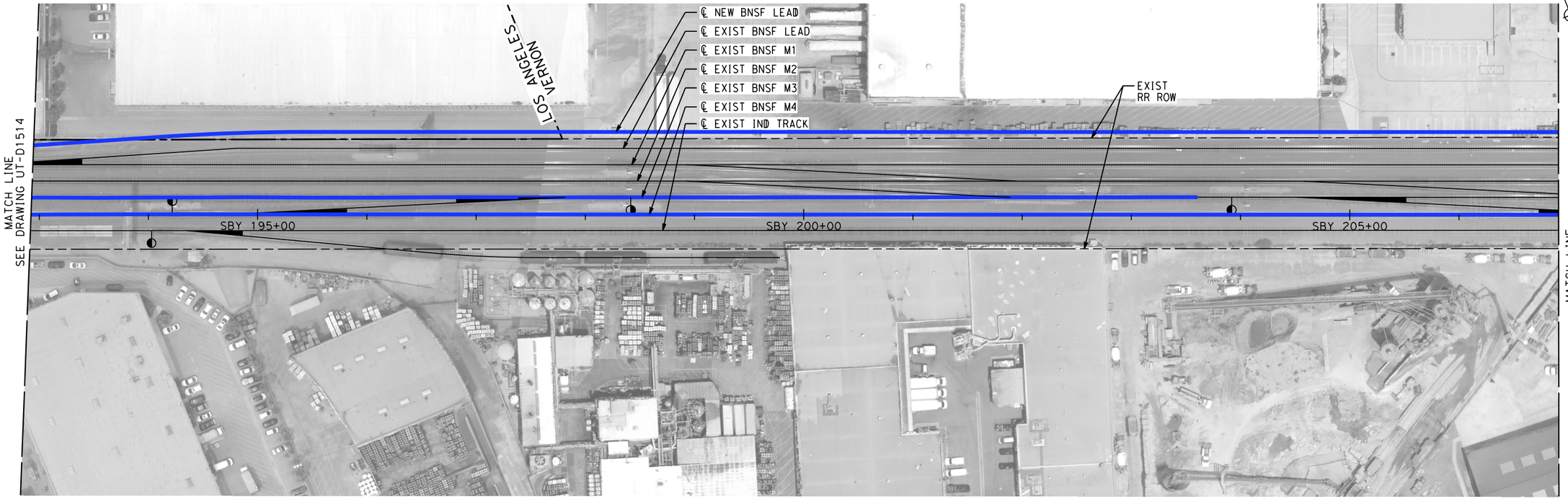
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA SBY 178+50 TO STA SBY 192+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1514
SCALE 1" = 50'
SHEET NO.

$PLOT$



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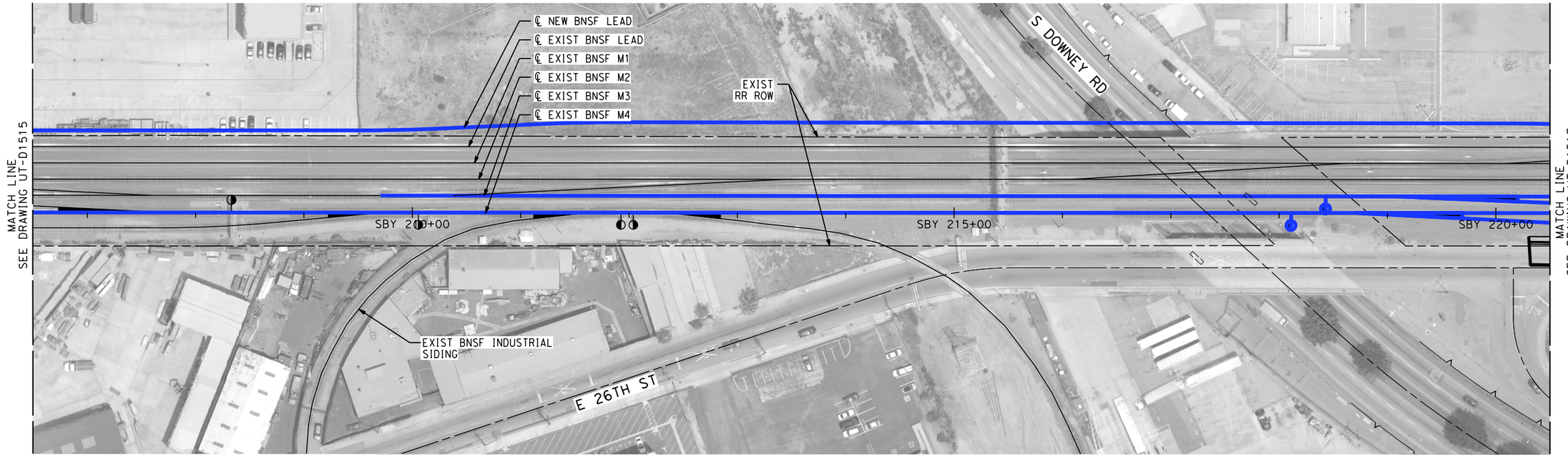
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM

RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA SBY 192+50 TO STA SBY 206+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1515
SCALE 1" = 50'
SHEET NO.

$PLOT$



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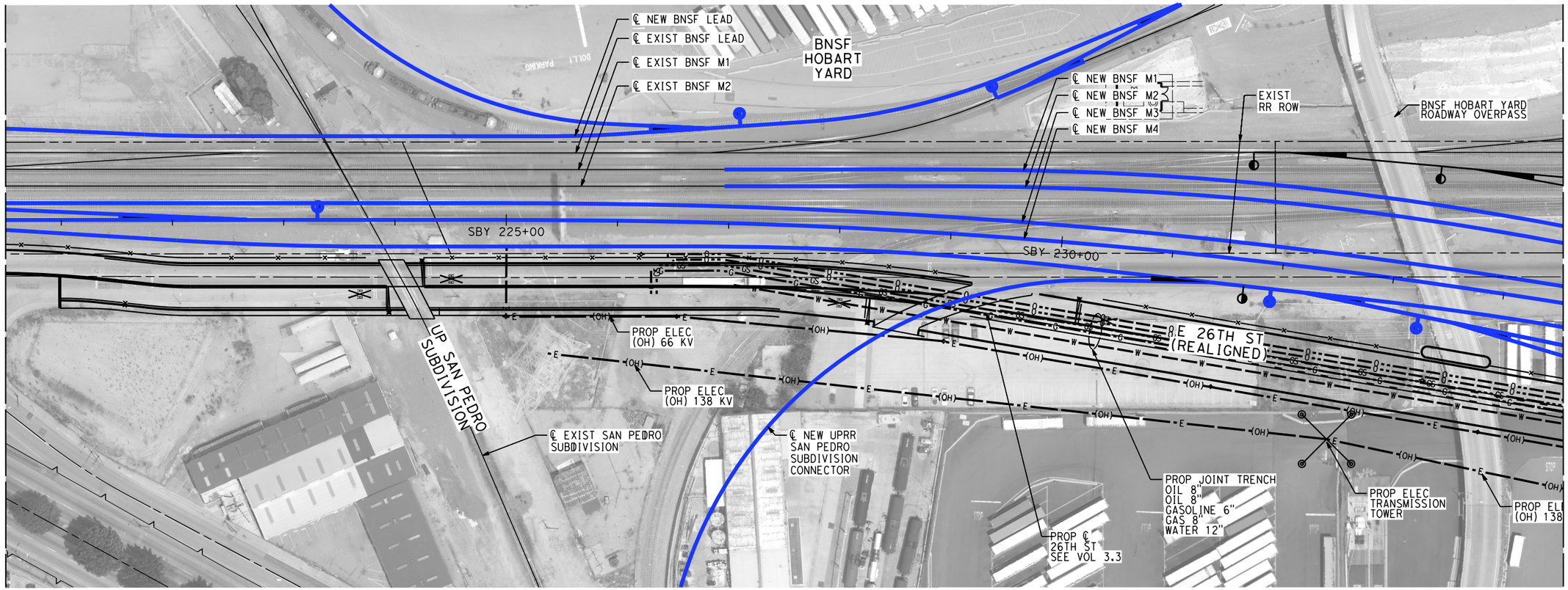
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA SBY 206+50 TO STA SBY 220+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1516
SCALE 1" = 50'
SHEET NO.

$PLOT$



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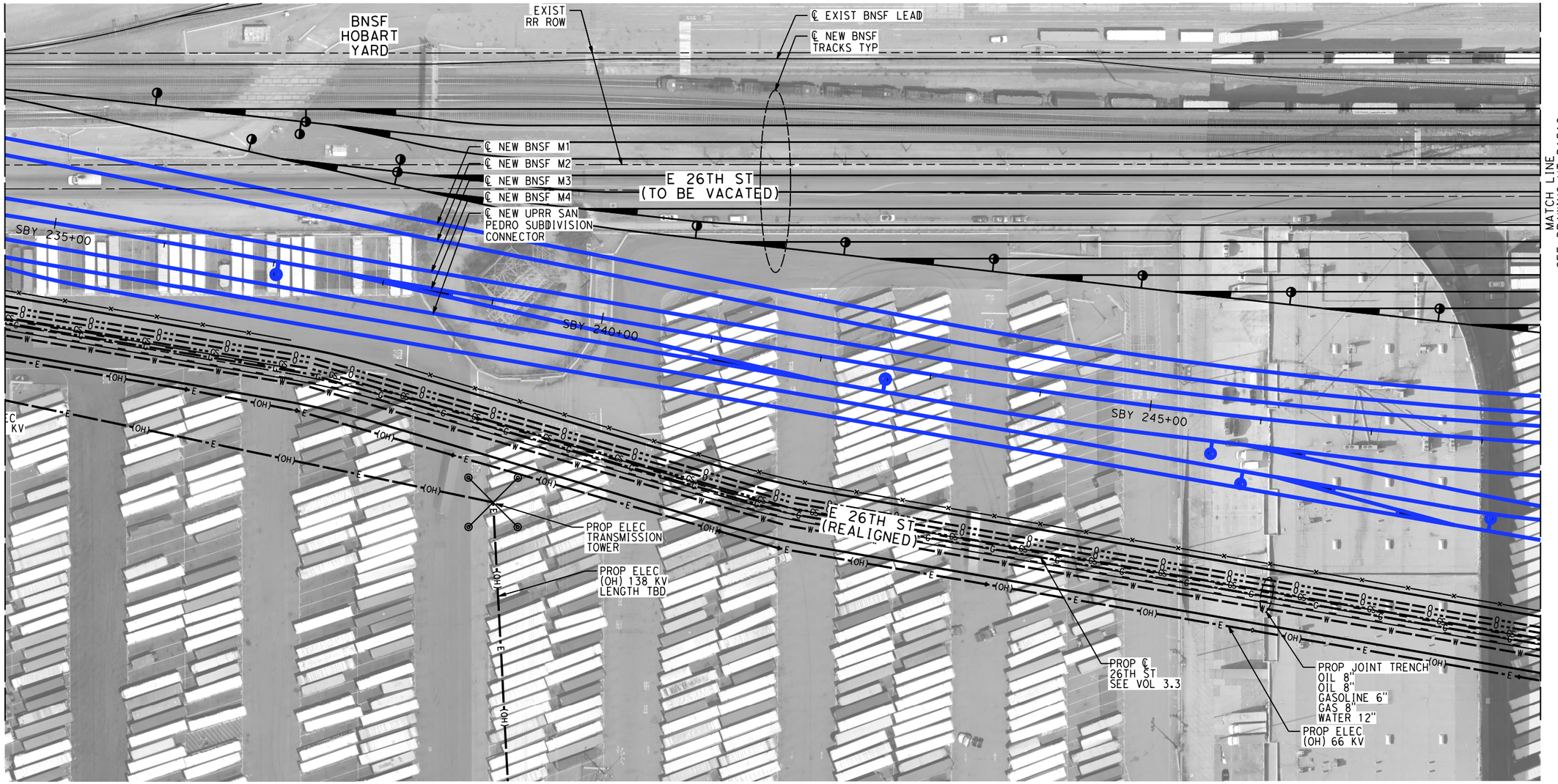
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA SBY 220+50 TO STA SBY 234+50

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

$PLOT$



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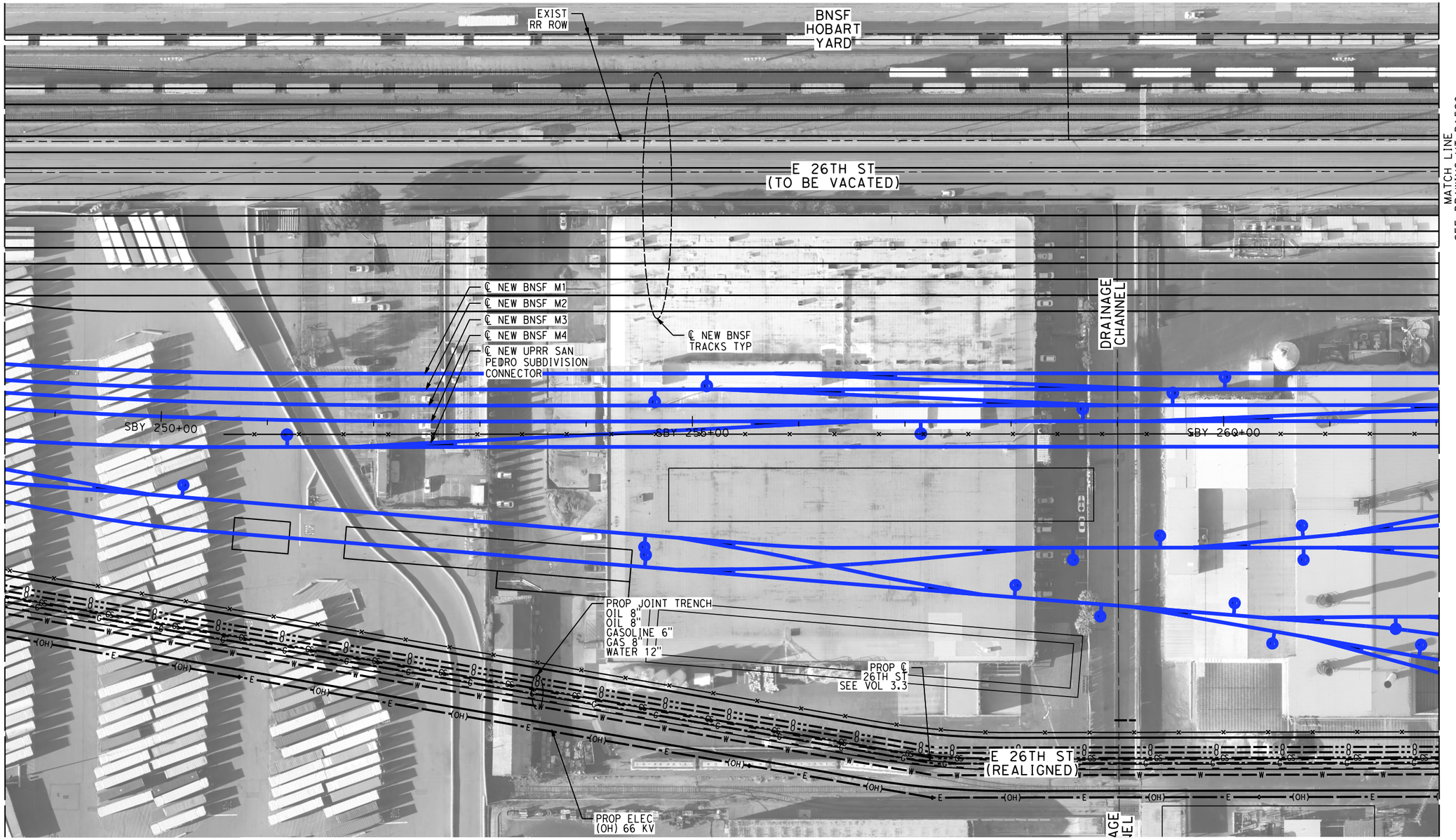
stv

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 234+50 TO STA SBY 248+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1518
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1519
SCALE 1" = 50'
SHEET NO.

$PLOT$

MATCH LINE
SEE DRAWING UT-D1519

MATCH LINE
SEE DRAWING UT-D1521

EXIST
RR ROW

BNSF
HOBART
YARD

E 26TH ST
(TO BE VACATED)

℄ NEW BNSF M1
℄ NEW BNSF M2
℄ NEW BNSF M3
℄ NEW BNSF M4

℄ NEW BNSF
TRACKS TYP

SBY 265+00

SBY 270+00

SBY 275+00

PROP JOINT TRENCH
OIL 8"
OIL 8"
GASOLINE 6"
GAS 8"
WATER 12"

PROP ℄
26TH ST
SEE VOL 3.3

E 26TH ST
(REALIGNED)

PROP SEWER MH
STUB EX 15" VCP@N

TERMINATE EX
GAS 4"
GAS 8"
WATER 4"
WATER 12"

PROP ELEC
(OH) 66 KV

NOT FOR CONSTRUCTION
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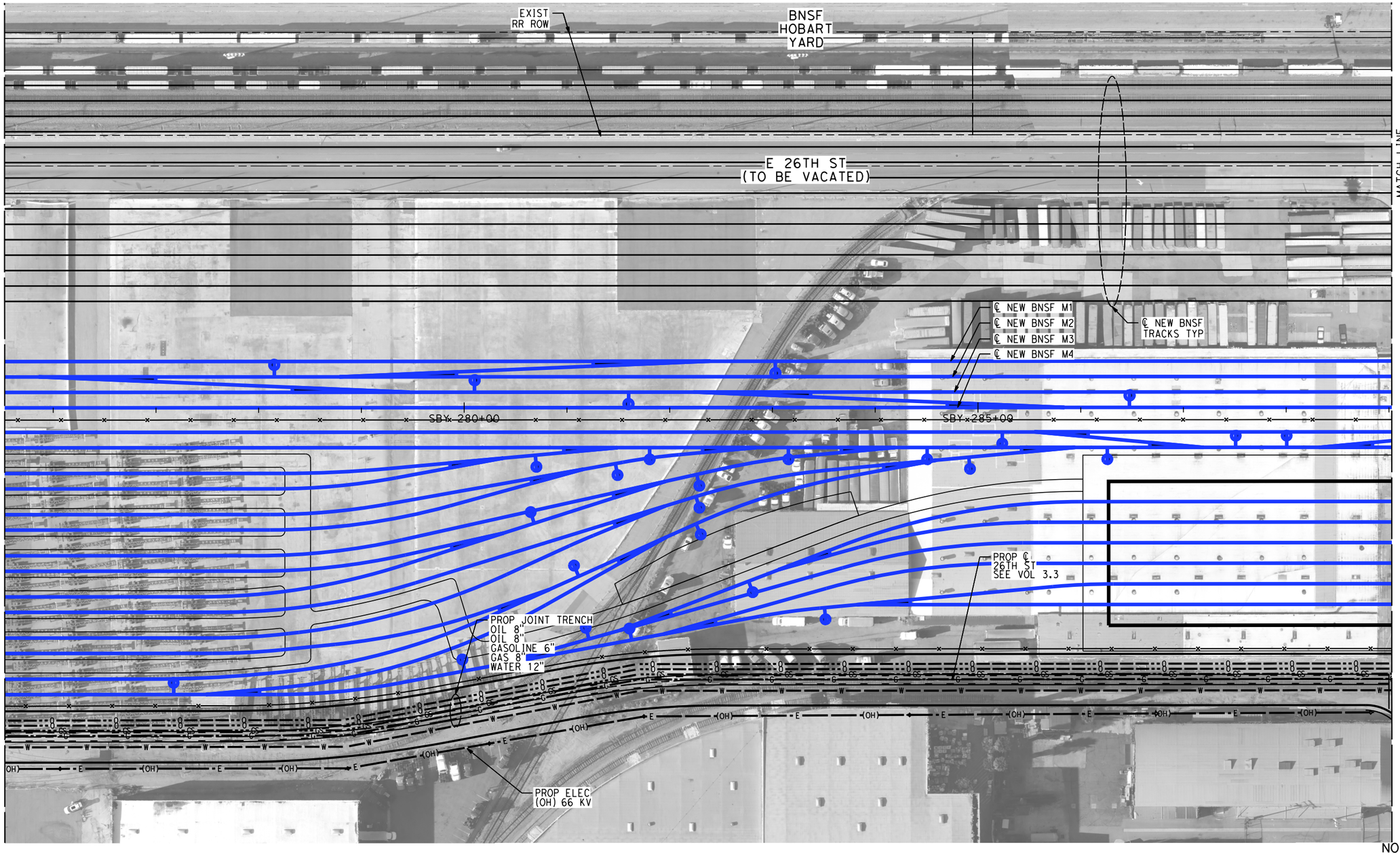
stv

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 262+00 TO STA SBY 275+50

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

$PLOT$



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50 0 50 100
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NOT FOR CONSTRUCTION

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 275+50 TO STA SBY 289+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1521
SCALE 1" = 50'
SHEET NO.

$PLOT$

MATCH LINE
SEE DRAWING UT-D1521

MATCH LINE
SEE DRAWING UT-D1523

EXIST
RR ROW

BNSF
HOBART
YARD

E 26TH ST
(TO BE VACATED)

℄ NEW BNSF M1
℄ NEW BNSF M2
℄ NEW BNSF M3
℄ NEW BNSF M4

℄ NEW BNSF
TRACKS TYP

SBY 290+00

SBY 295+00

SBY 300+00

PROP JOINT TRENCH
OIL 8"
OIL 8"
GASOLINE 6"
GAS 8"
WATER 12"

PROP ℄
26TH ST
SEE VOL 3.3

E 26TH ST
(REALIGNED)

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE 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 SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

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 289+00 TO STA SBY 302+50

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

$PLOT$

MATCH LINE
SEE DRAWING UT-D1522

MATCH LINE
SEE DRAWING UT-D1524

EXIST
RR ROW

BNSF
HOBART
YARD

E 26TH ST
(TO BE VACATED)

℄ NEW BNSF M1
℄ NEW BNSF M2
℄ NEW BNSF M3
℄ NEW BNSF M4

℄ NEW BNSF
TRACKS TYP

SBY 305+00

SBY 310+00

SBY 315+00

AYERS AVE

PROP SEWER MH
STUB EX 12" VCP@N

TERMINATE EX
GAS 4"
GAS 6"
WATER 6"
WATER 12"
TELECOM

PROP JOINT TRENCH
OIL 8"
OIL 8"
GASOLINE 6"
GAS 8"
WATER 12"

PROP
UTILITY
ESMT TYP

PROP ℄
26TH ST
SEE VOL 3.3

E 26TH ST
(REALIGNED)

PROP ELEC
(OH) 66 KV

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50 0 50 100
1"=50'
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DATE 02/28/25

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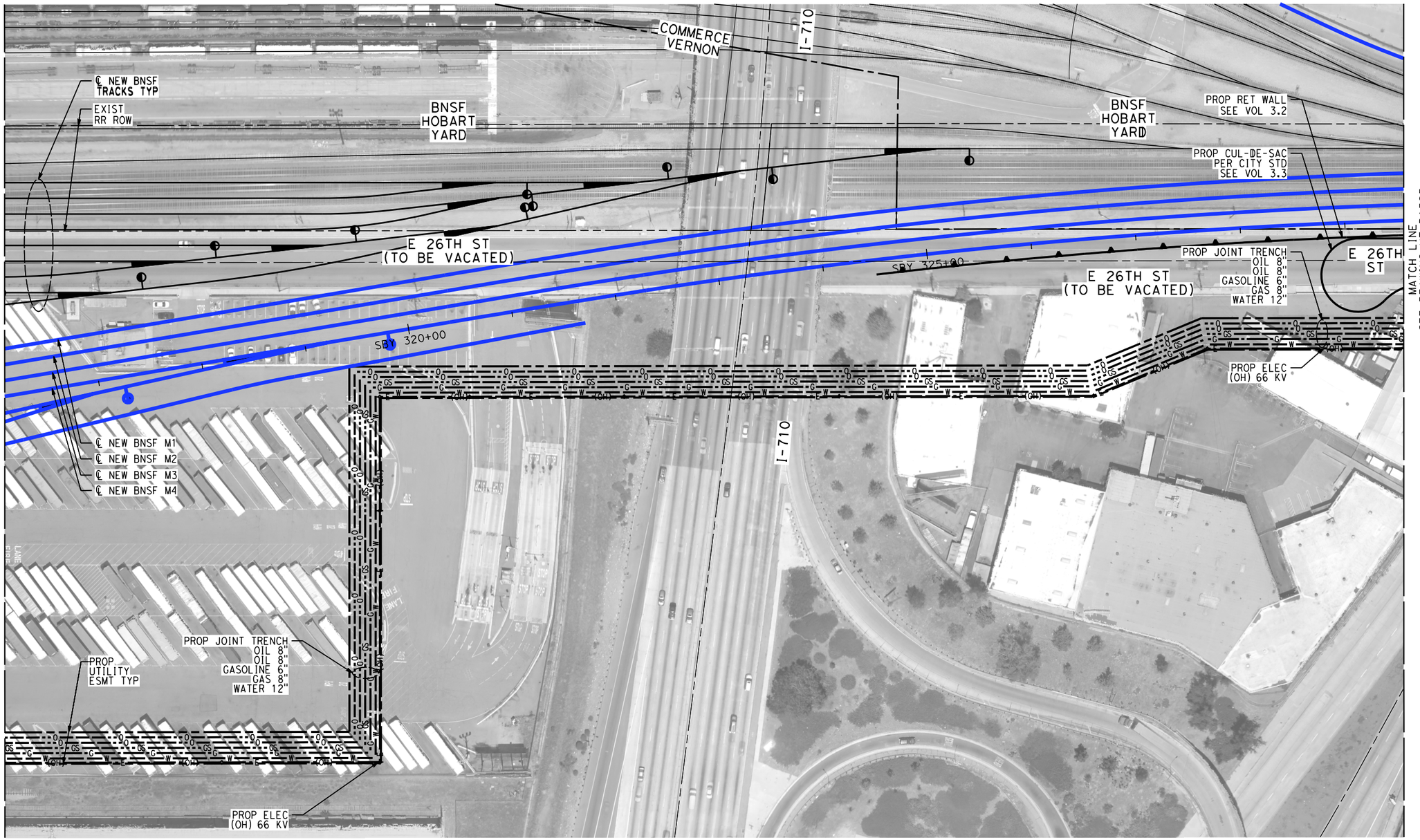
stv

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 302+50 TO STA SBY 316+00

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

$PLOT$



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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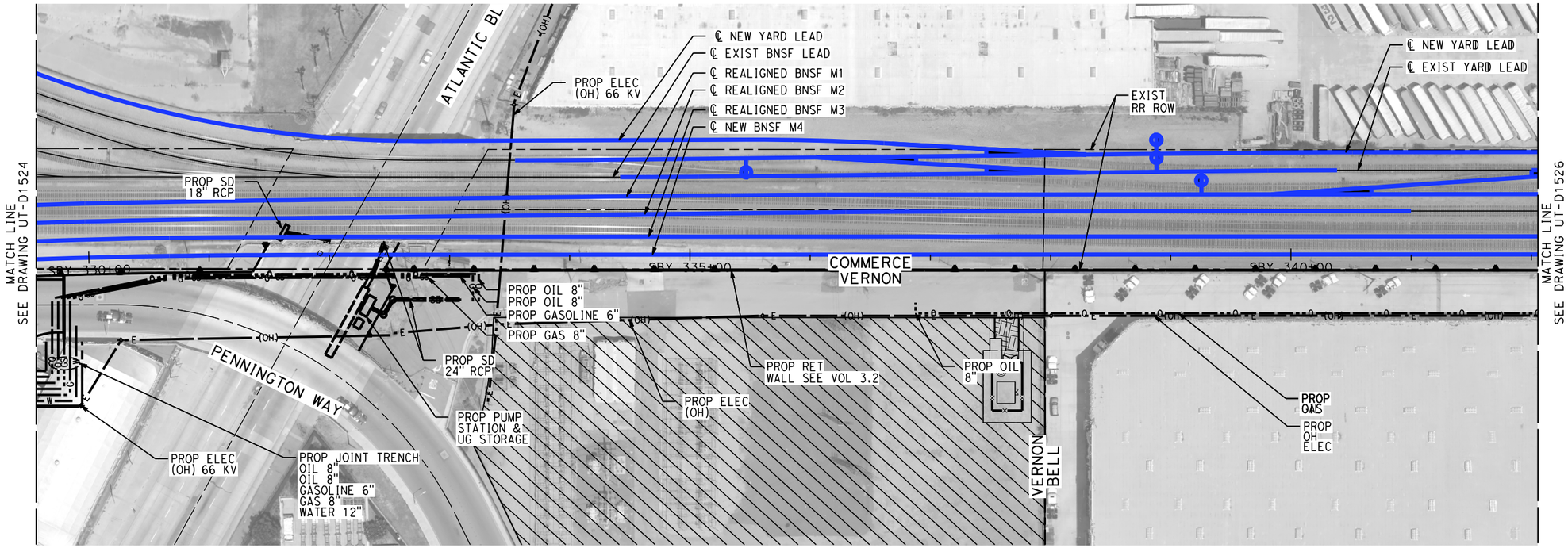
stv

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 316+00 TO STA SBY 329+50

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

$PLOT$



NOT FOR CONSTRUCTION
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50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

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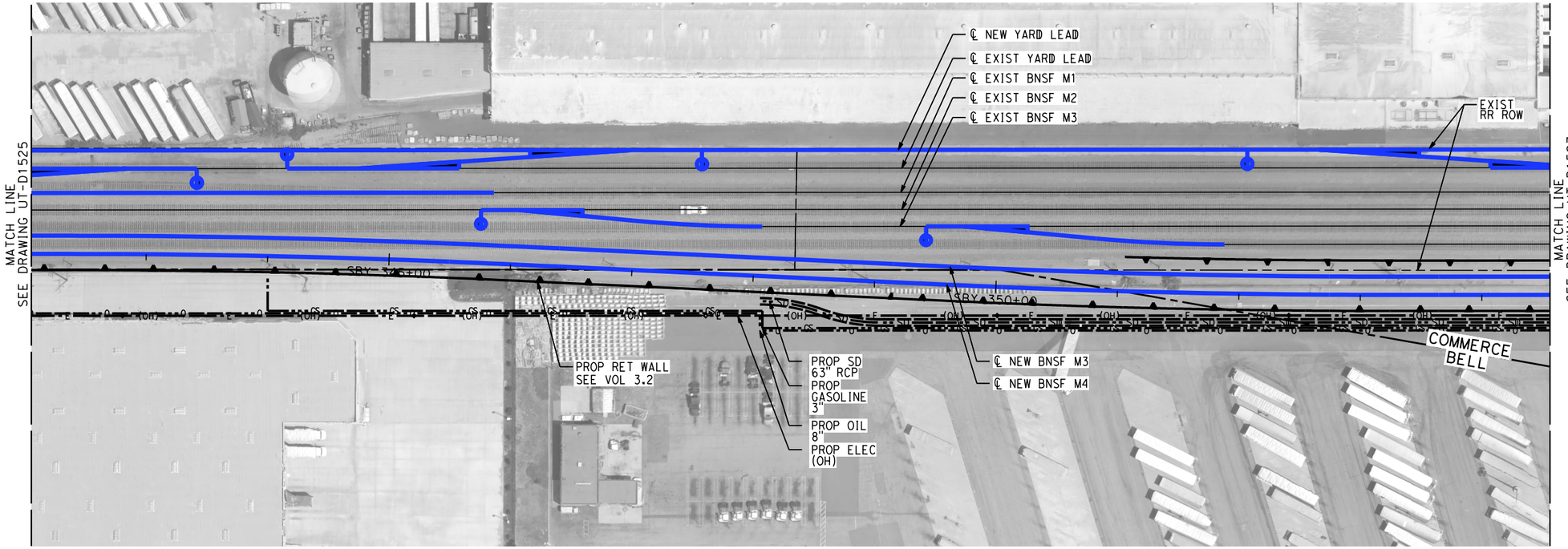
stv

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 329+50 TO STA SBY 342+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1525
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOT FOR CONSTRUCTION
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50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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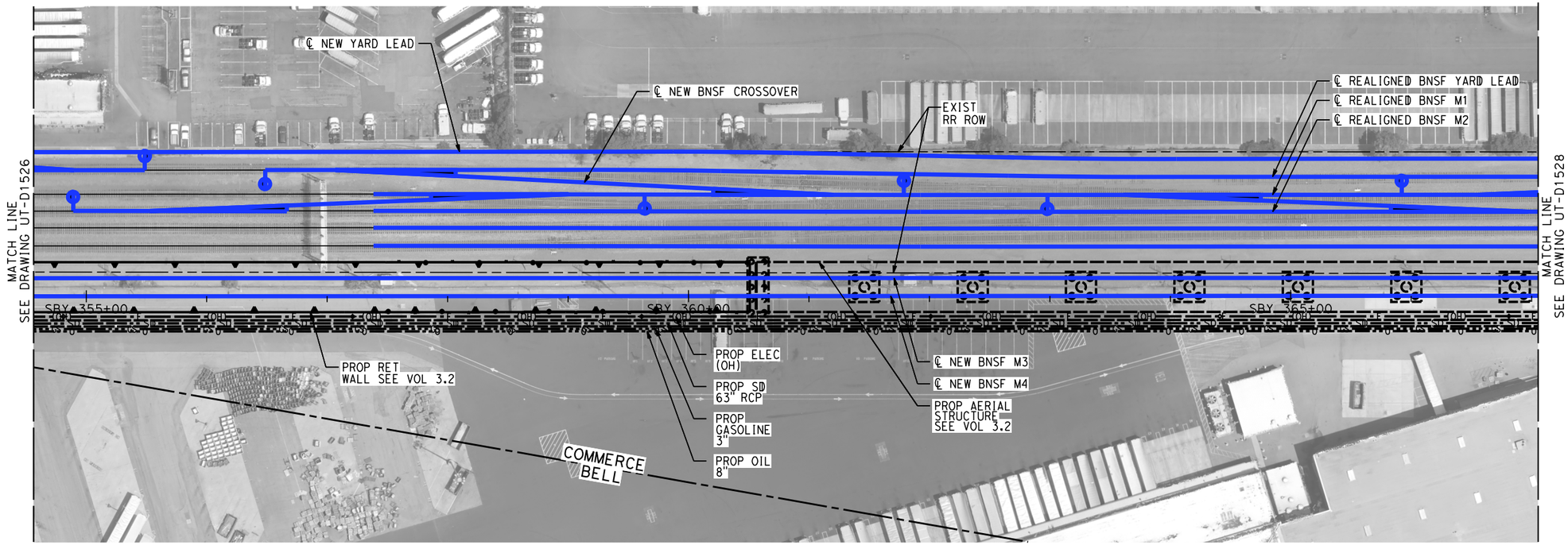
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA SBY 342+00 TO STA SBY 354+50

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

$PLOT$



NOT FOR CONSTRUCTION
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50 0 50 100
1"=50'
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CHECKED BY A. BOSCH
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DATE 02/28/25

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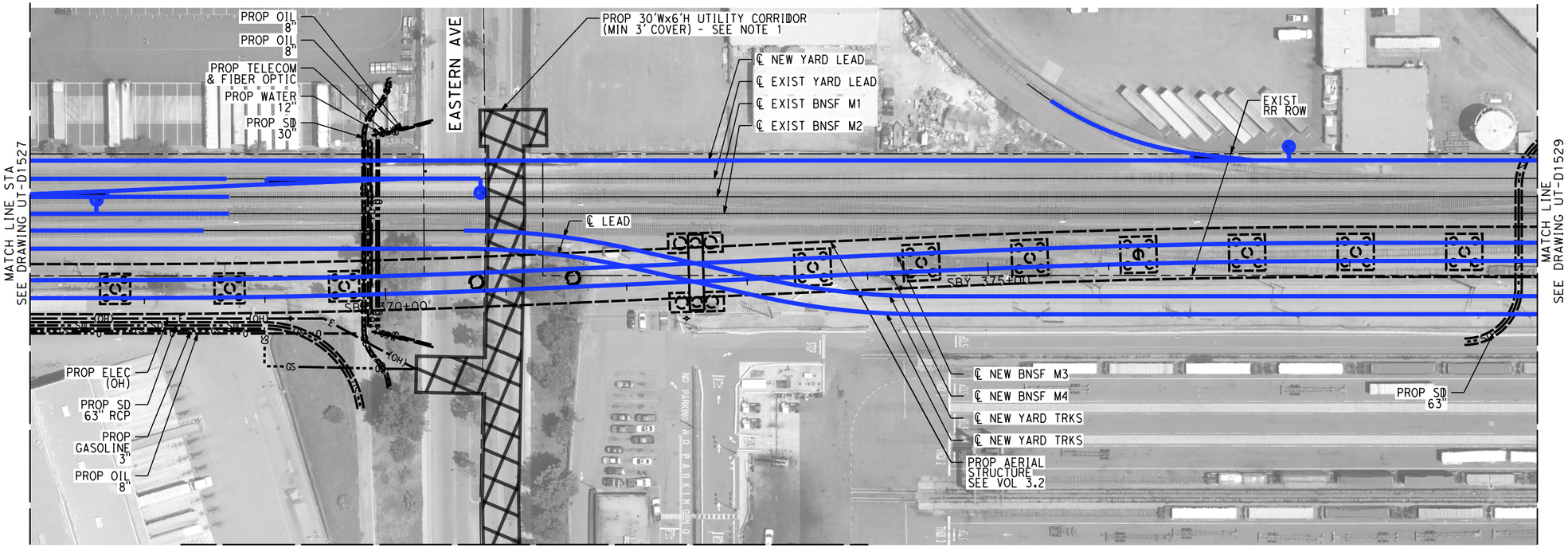
stv

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
DRAWING NO. UT-D1527
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

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DATE 02/28/25

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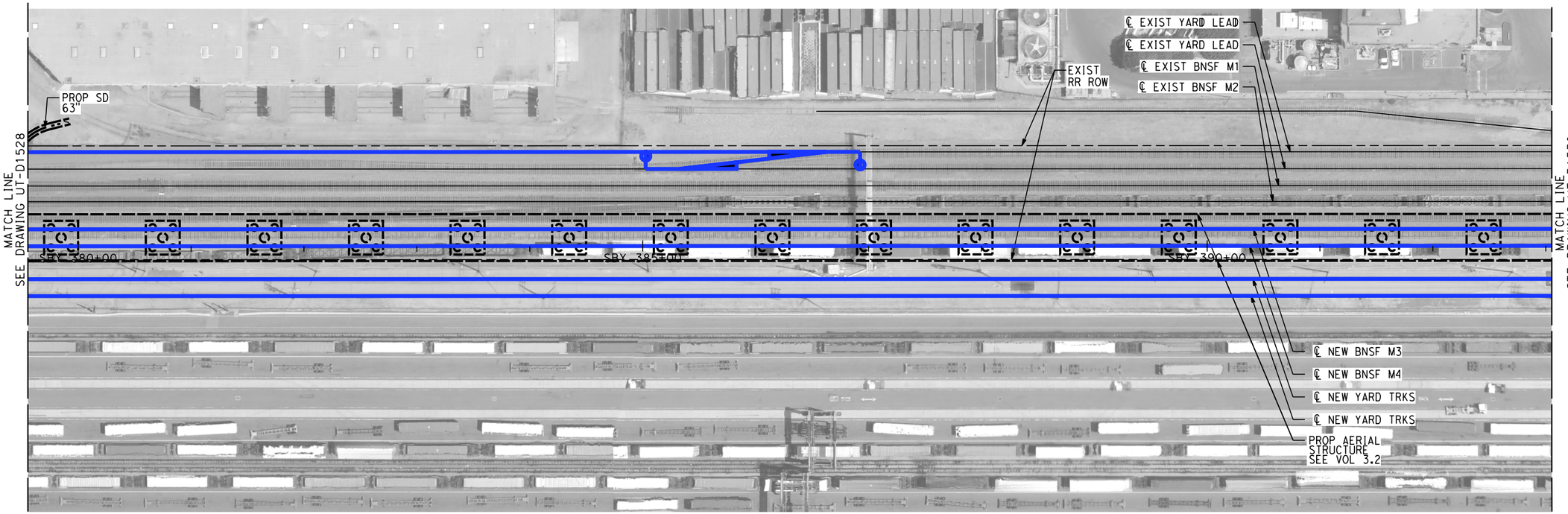
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

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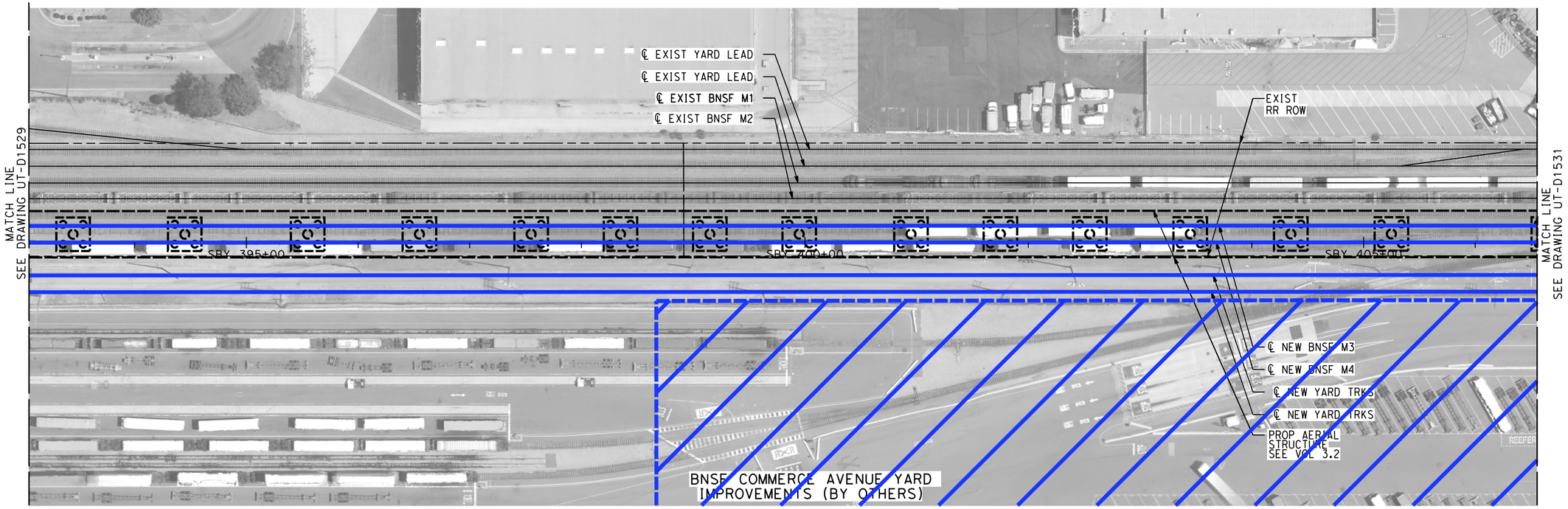
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM

RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA SBY 379+50 TO STA SBY 393+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1529
SCALE 1" = 50'
SHEET NO.

$PLOT$



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50 0 50 100
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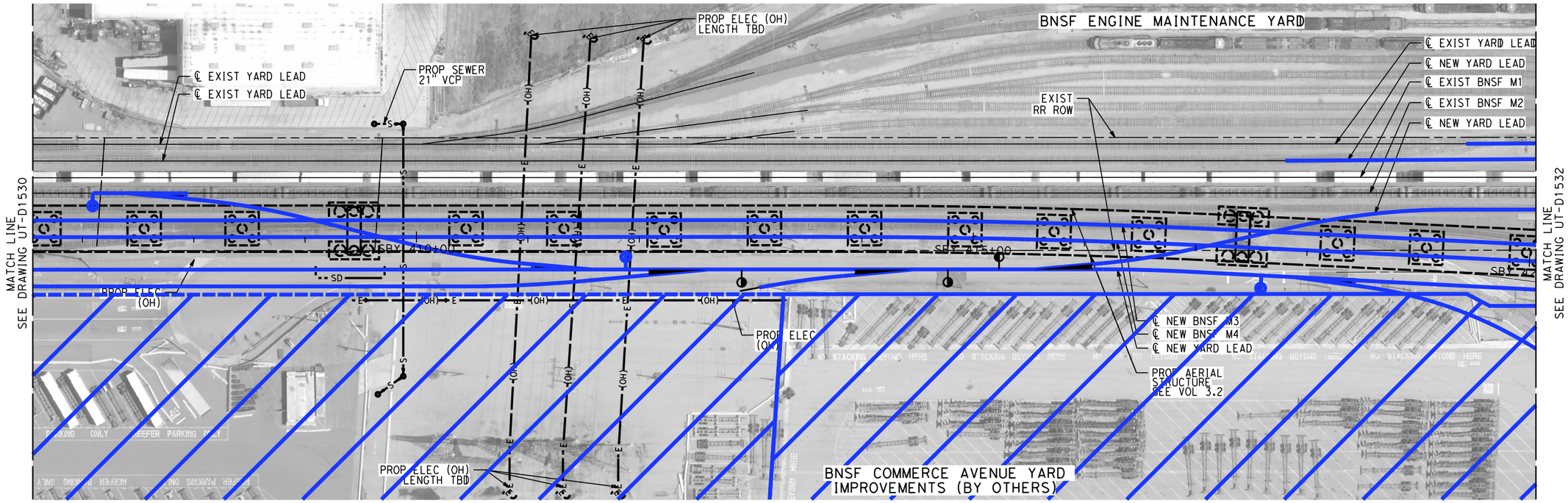
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA SBY 393+00 TO STA SBY 406+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1530
SCALE 1" = 50'
SHEET NO.

$PLOT$



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50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

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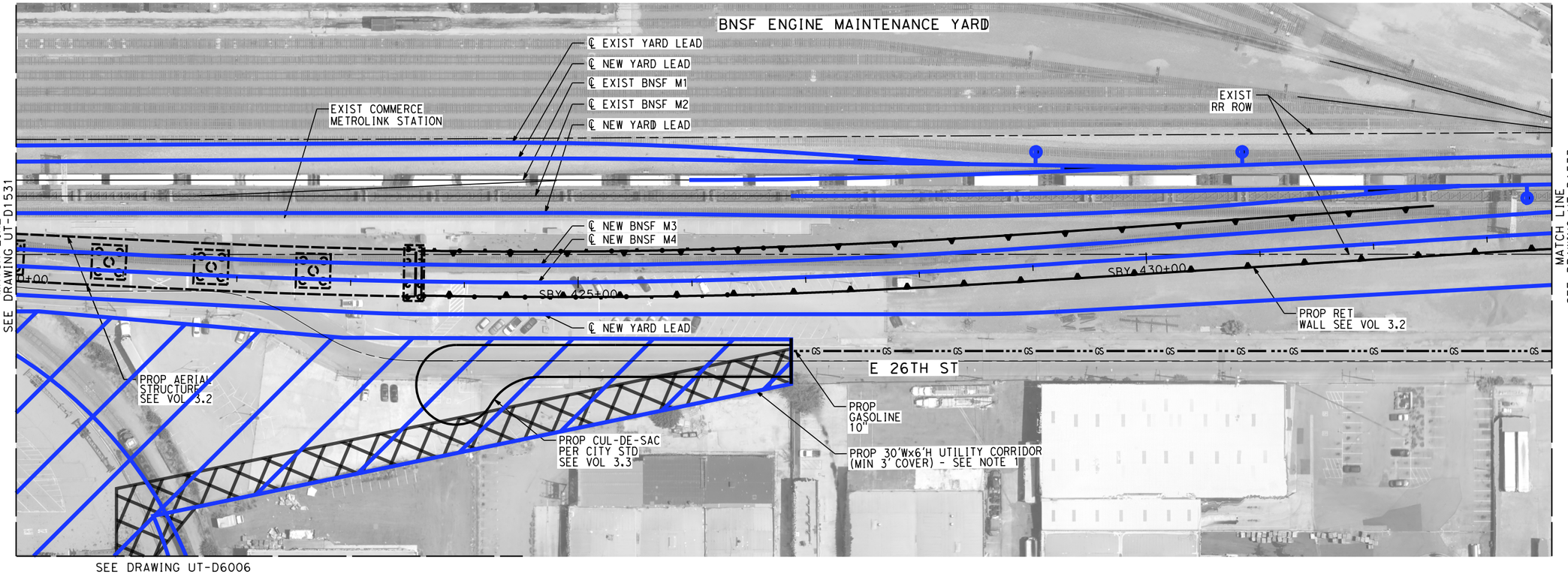
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM

RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA SBY 406+50 TO STA SBY 420+00

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1531
SCALE 1" = 50'
SHEET NO.

$PLOT$



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50 0 50 100
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SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY C. HUANG
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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
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
PROPOSED UTILITIES RELOCATION PLAN
STA SBY 420+00 TO STA SBY 433+50

CONTRACT NO. HSR06-0005
DRAWING NO. UT-D1532
SCALE 1" = 50'
SHEET NO.

$PLOT$