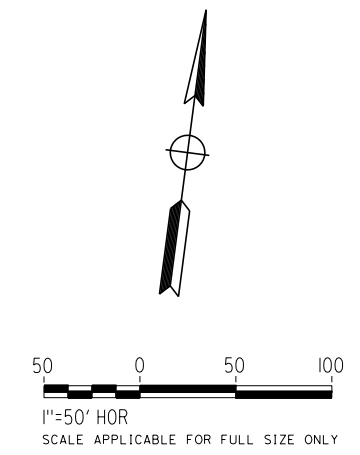


UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	10"	LACDPW-WW	PROTECT IN PLACE
2	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
3	TELEVISION	UNK	TIME WARNER	RELOCATE
4	OH TELECOM	UNK	VERIZON	RELOCATE
5	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
6	NOT USED			
7	SEWER	15"	LACSD	PROTECT IN PLACE
8	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
9	NATURAL GAS	6"	SEMPRA TRANS	RELOCATE
10	WATER	8"	LACDPW-WW	PROTECT IN PLACE
11	TELEVISION	UNK	TIME WARNER	RELOCATE
12	OH POWER	69kV	SCE TRANS	RELOCATE
13	WATER	8"	LACDPW-WW	PROTECT IN PLACE
14	NOT USED			
15	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
16	WATER	10"	LACDPW-WW	PROTECT IN PLACE
17	OH TELECOM	UNK	VERIZON	RELOCATE
18	NOT USED			
19	WATER	8"	LACDPW-WW	PROTECT IN PLACE
20	TELECOM	UNK	VERIZON	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
J. LOPEZ

CHECKED BY
G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20895+00 TO 20920+00

CONTRACT NO.
HSR13-44

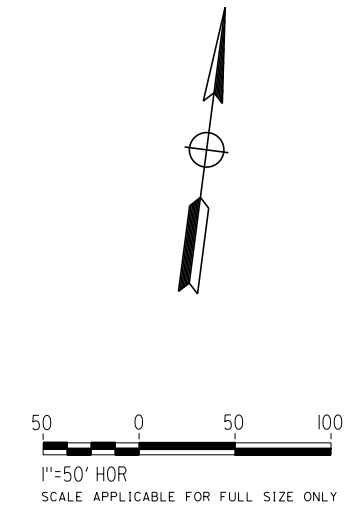
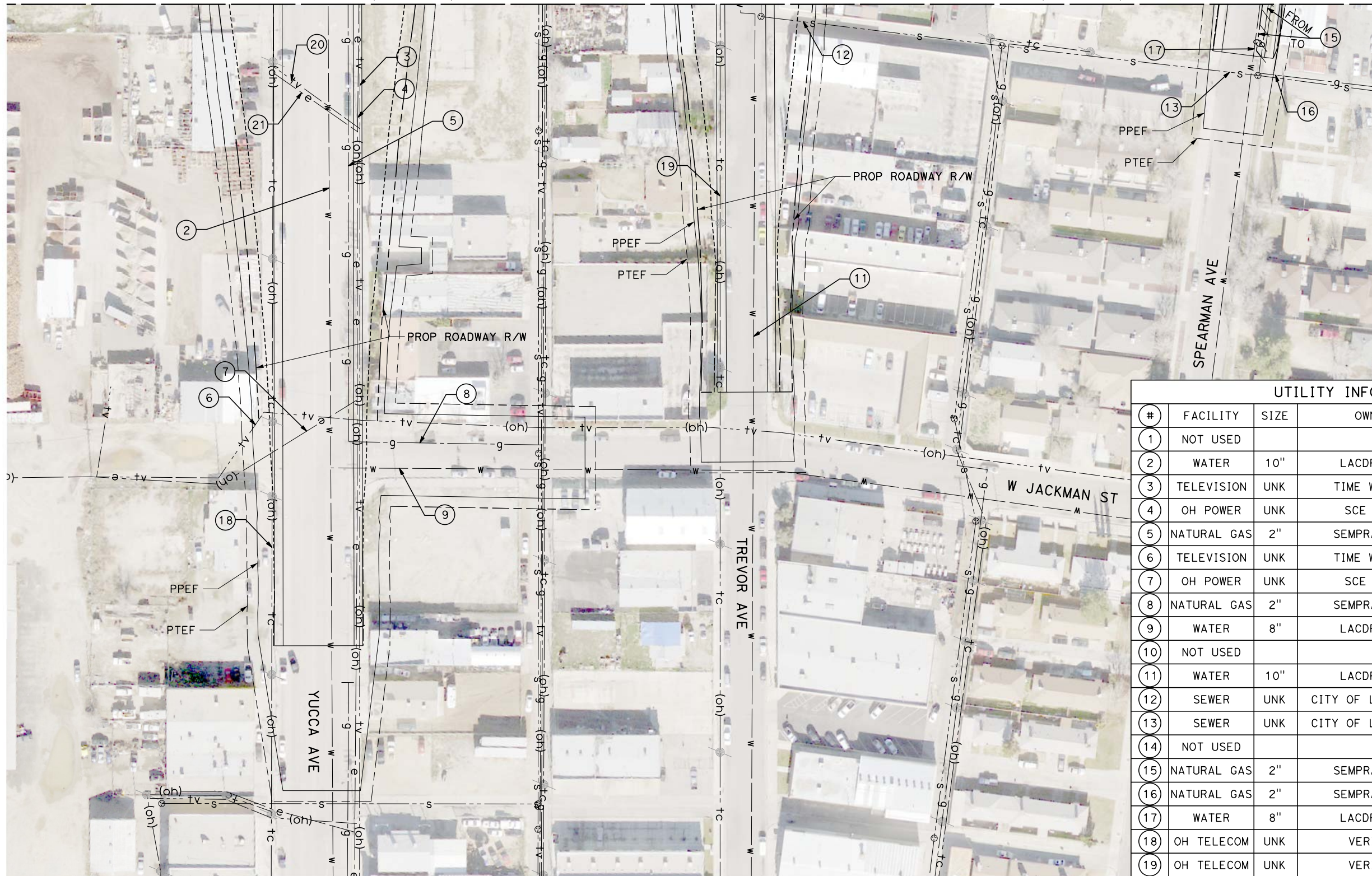
DRAWING NO.
UT-C4538

SCALE
AS SHOWN

SHEET NO.
347

MATCH LINE (UT-C4537)

MATCH LINE (UT-C4538)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NOT USED			
2	WATER	10"	LACDPW-WW	PROTECT IN PLACE
3	TELEVISION	UNK	TIME WARNER	RELOCATE
4	OH POWER	UNK	SCE DIST	RELOCATE
5	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
6	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
7	OH POWER	UNK	SCE DIST	PROTECT IN PLACE
8	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
9	WATER	8"	LACDPW-WW	PROTECT IN PLACE
10	NOT USED			
11	WATER	10"	LACDPW-WW	PROTECT IN PLACE
12	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
13	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
14	NOT USED			
15	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
16	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
17	WATER	8"	LACDPW-WW	PROTECT IN PLACE
18	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
19	OH TELECOM	UNK	VERIZON	RELOCATE
20	TELEVISION	UNK	TIME WARNER	RELOCATE
21	OH POWER	UNK	SCE DIST	RELOCATE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

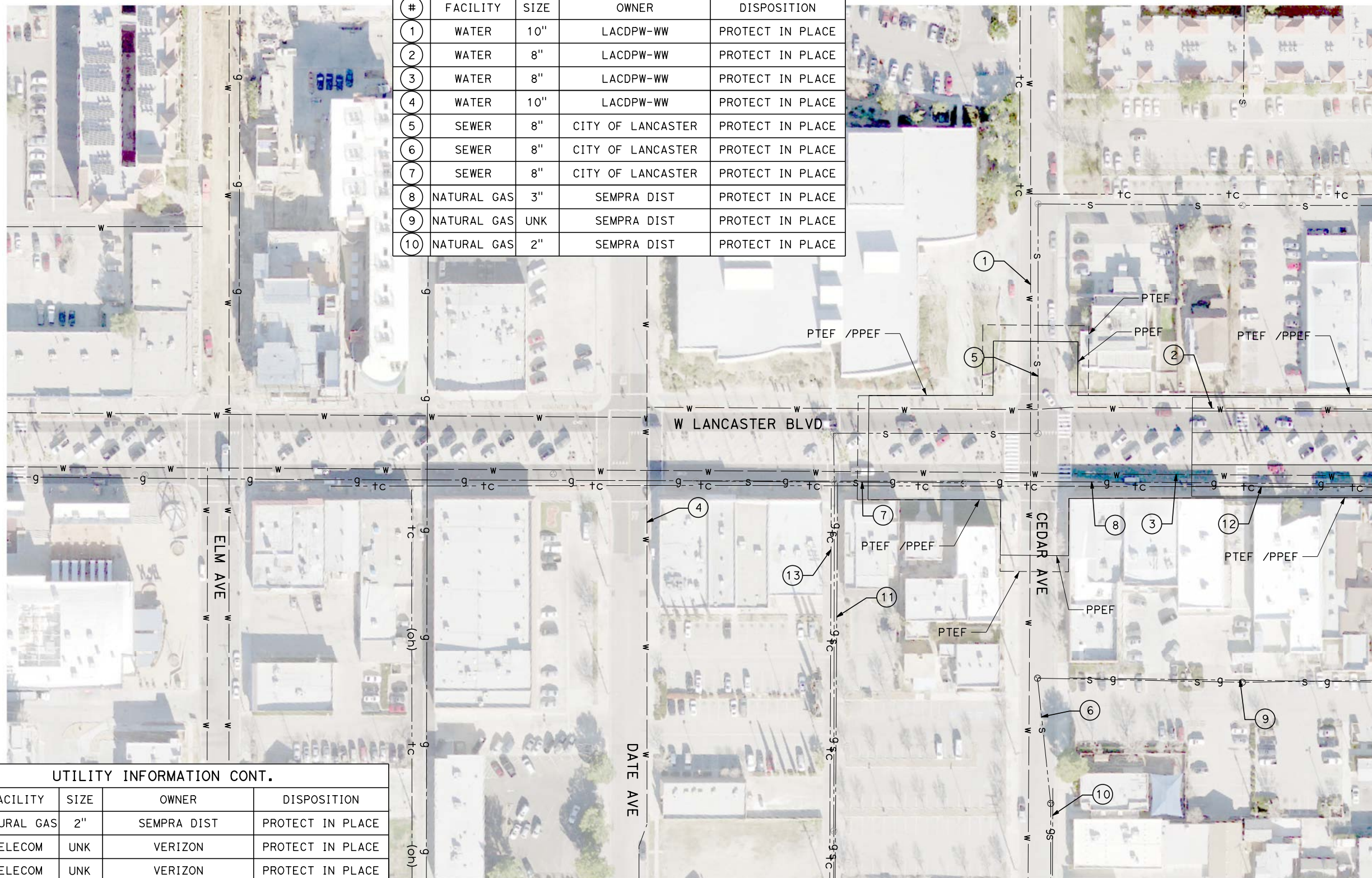


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20895+00 TO 20920+00

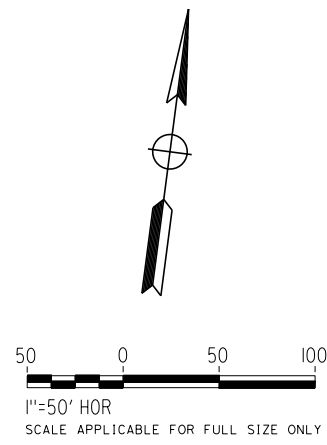
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4539
SCALE
AS SHOWN
SHEET NO.
348

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	10"	LACDPW-WW	PROTECT IN PLACE
2	WATER	8"	LACDPW-WW	PROTECT IN PLACE
3	WATER	8"	LACDPW-WW	PROTECT IN PLACE
4	WATER	10"	LACDPW-WW	PROTECT IN PLACE
5	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
6	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
7	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
8	NATURAL GAS	3"	SEMPRA DIST	PROTECT IN PLACE
9	NATURAL GAS	UNK	SEMPRA DIST	PROTECT IN PLACE
10	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
11	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
12	TELECOM	UNK	VERIZON	PROTECT IN PLACE
13	TELECOM	UNK	VERIZON	PROTECT IN PLACE



MATCH LINE (UT-C4541)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20920+00 TO 20945+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4540

SCALE
AS SHOWN

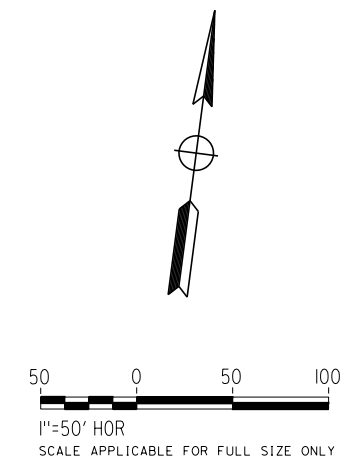
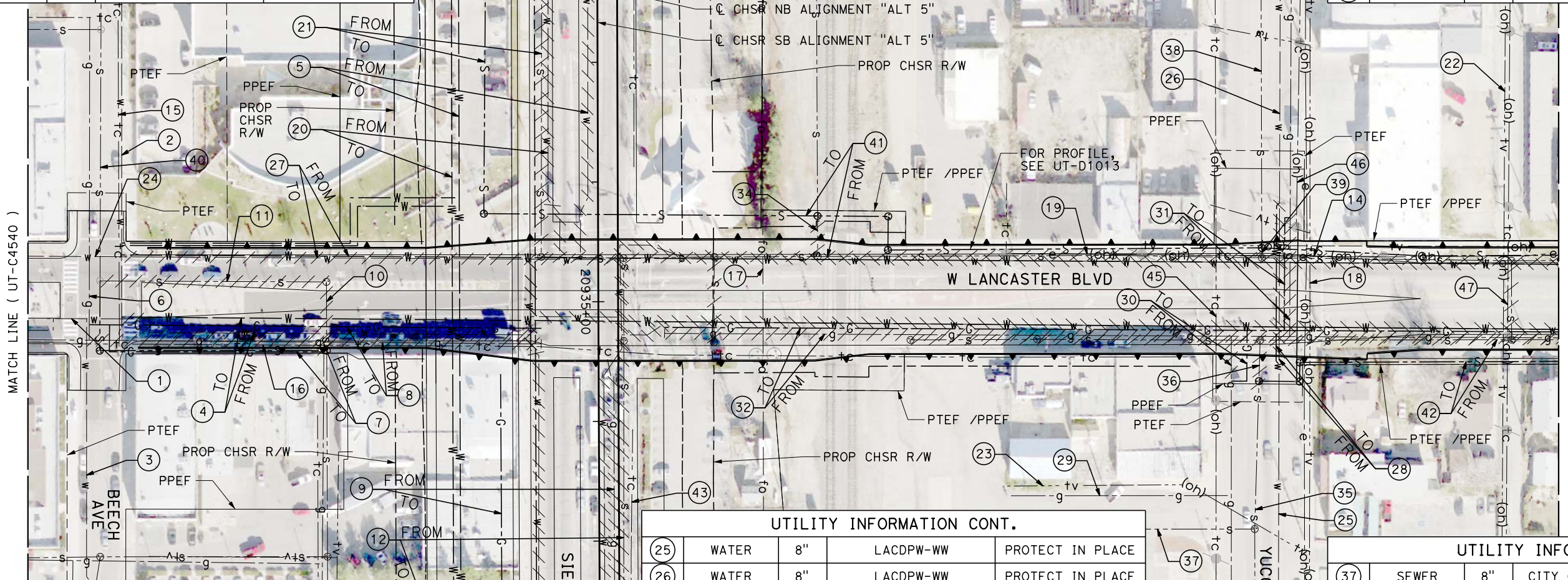
SHEET NO.
349

UTILITY INFORMATION

#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	8"	LACDPW-WW	PROTECT IN PLACE
2	WATER	10"	LACDPW-WW	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	PROTECT IN PLACE
4	WATER	8"	LACDPW-WW	RELOCATE
5	WATER	10"	LACDPW-WW	RELOCATE
6	GAS	2"	SEMPRA DIST	PROTECT IN PLACE
7	GAS	3"	SEMPRA DIST	RELOCATE
8	GAS	4"	SEMPRA DIST	RELOCATE

UTILITY INFORMATION

#	FACILITY	SIZE	OWNER	DISPOSITION
9	GAS	3"	SEMPRA DIST	RELOCATE
10	SEWER	8"	CITY OF LANCASTER	RELOCATE
11	SEWER	10"	CITY OF LANCASTER	RELOCATE
12	SEWER	8"	CITY OF LANCASTER	RELOCATE
13	OH POWER	69kV	SCE DIST	RELOCATE
14	OH POWER	69kV	SCE DIST	RELOCATE
15	TELECOM	UNK	VERIZON	PROTECT IN PLACE
16	TELECOM	UNK	VERIZON	RELOCATE



UTILITY INFORMATION CONT.

#	FACILITY	SIZE	OWNER	DISPOSITION
17	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
18	TELEVISION	UNK	TIME WARNER	RELOCATE
19	TELECOM	UNK	VERIZON	RELOCATE
20	WATER	12"	LACDPW-WW	RELOCATE
21	SEWER	10"	CITY OF LANCASTER	RELOCATE
22	TELEVISION	UNK	TIME WARNER	RELOCATE
23	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
24	WATER	8"	LACDPW-WW	PROTECT IN PLACE

UTILITY INFORMATION CONT.

25	WATER	8"	LACDPW-WW	PROTECT IN PLACE
26	WATER	8"	LACDPW-WW	PROTECT IN PLACE
27	WATER	8"	LACDPW-WW	RELOCATE
28	WATER	8"	LACDPW-WW	RELOCATE
29	GAS	2"	SEMPRA DIST	PROTECT IN PLACE
30	GAS	2"	SEMPRA DIST	RELOCATE
31	GAS	3"	SEMPRA DIST	RELOCATE
32	GAS	4"	SEMPRA DIST	RELOCATE
33	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
34	SEWER	8"	CITY OF LANCASTER	REMOVE
35	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
36	SEWER	8"	CITY OF LANCASTER	REMOVE

UTILITY INFORMATION CONT.

37	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
38	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
39	SEWER	8"	CITY OF LANCASTER	REMOVE
40	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE
41	SEWER	8"	CITY OF LANCASTER	RELOCATE
42	SEWER	8"	CITY OF LANCASTER	RELOCATE
43	TELECOM	UNK	VERIZON	PROTECT IN PLACE
44	TELECOM	UNK	VERIZON	PROTECT IN PLACE
45	TELECOM	UNK	VERIZON	RELOCATE
46	TELECOM	UNK	VERIZON	PROTECT IN PLACE
47	TELECOM	UNK	VERIZON	RELOCATE

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DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLINT INTERNATIONAL



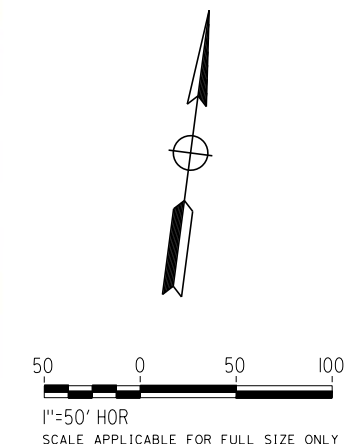
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20920+00 TO 20945+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4541
SCALE
AS SHOWN
SHEET NO.
350

REV	DATE	BY	CHK	APP	DESCRIPTION



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	8"	LACDPW-WW	PROTECT IN PLACE
2	WATER	10"	LACDPW-WW	PROTECT IN PLACE
3	WATER	8"	LACDPW-WW	RELOCATE
4	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
6	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
7	SEWER	8"	CITY OF LANCASTER	RELOCATE
8	OH POWER	UNK	SCE DIST	RELOCATE
9	TELEVISION	UNK	TIME WARNER	RELOCATE
10	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
11	WATER	8"	LACDPW-WW	PROTECT IN PLACE
12	WATER	8"	LACDPW-WW	RELOCATE
13	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
14	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
15	SEWER	8"	CITY OF LANCASTER	RELOCATE

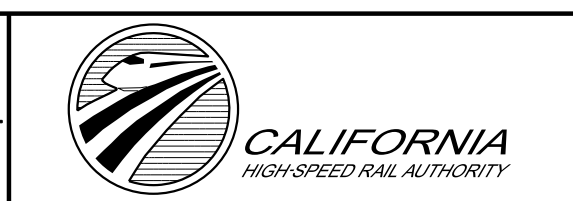


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20920+00 TO 20945+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4542
SCALE
AS SHOWN
SHEET NO.
351

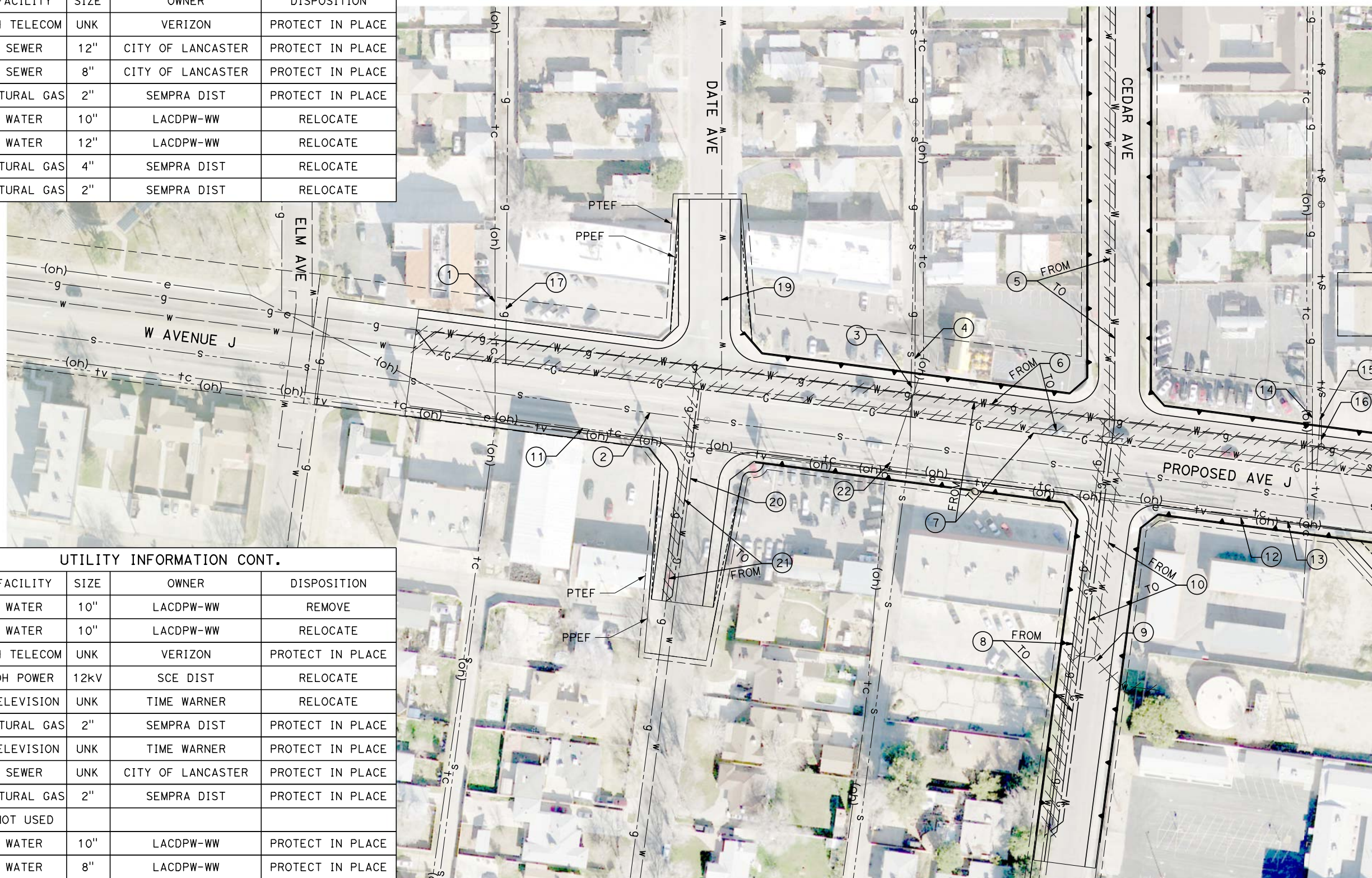
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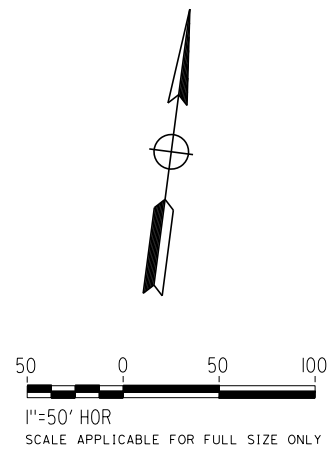
jcs_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
2	SEWER	12"	CITY OF LANCASTER	PROTECT IN PLACE
3	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
4	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
5	WATER	10"	LACDPW-WW	RELOCATE
6	WATER	12"	LACDPW-WW	RELOCATE
7	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
8	NATURAL GAS	2"	SEMPRA DIST	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
9	WATER	10"	LACDPW-WW	REMOVE
10	WATER	10"	LACDPW-WW	RELOCATE
11	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
12	OH POWER	12KV	SCE DIST	RELOCATE
13	TELEVISION	UNK	TIME WARNER	RELOCATE
14	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
15	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
16	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
17	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
18	NOT USED			
19	WATER	10"	LACDPW-WW	PROTECT IN PLACE
20	WATER	8"	LACDPW-WW	PROTECT IN PLACE
21	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
22	OH TELECOM	UNK	VERIZON	RELOCATE



MATCH LINE (UT-C4544)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20945+00 TO 20970+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4543
SCALE
AS SHOWN
SHEET NO.
352

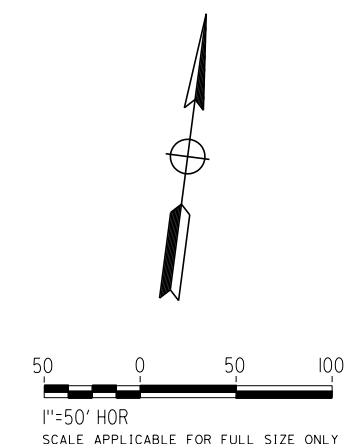
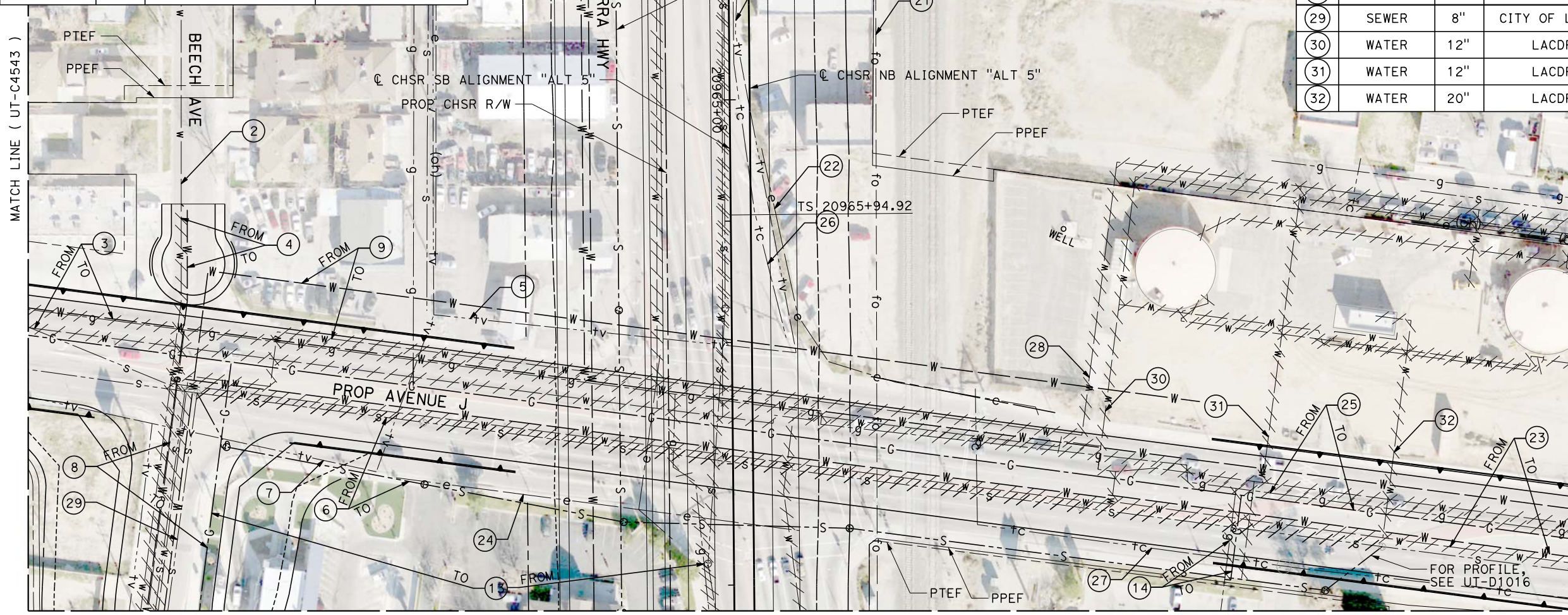
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1/20/2021 5:00:17 AM

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NOT USED			
2	WATER	12"	LACDPW-WW	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	RELOCATE
4	WATER	12"	LACDPW-WW	RELOCATE
5	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
6	SEWER	12"	LACSD	RELOCATE
7	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
8	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
9	WATER	12"	LACDPW-WW	RELOCATE
10	NOT USED			
11	NOT USED			
12	NOT USED			
13	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
14	NATURAL GAS	1/2"	SEMPRA DIST	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
15	NOT USED			
16	WATER	12"	LACDPW-WW	RELOCATE
17	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
18	WATER	10"	LACDPW-WW	RELOCATE
19	SEWER	12"	CITY OF LANCASTER	RELOCATE
20	TELEVISION	UNK	TIME WARNER	RELOCATE
21	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
22	OH POWER	UNK	SCE DIST	RELOCATE
23	WATER	12"	LACDPW-WW	RELOCATE
24	OH POWER	UNK	SCE DIST	RELOCATE
25	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
26	TELECOM	UNK	VERIZON	RELOCATE
27	TELECOM	UNK	VERIZON	RELOCATE
28	WATER	12"	LACDPW-WW	REMOVE
29	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
30	WATER	12"	LACDPW-WW	REMOVE
31	WATER	12"	LACDPW-WW	REMOVE
32	WATER	20"	LACDPW-WW	REMOVE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

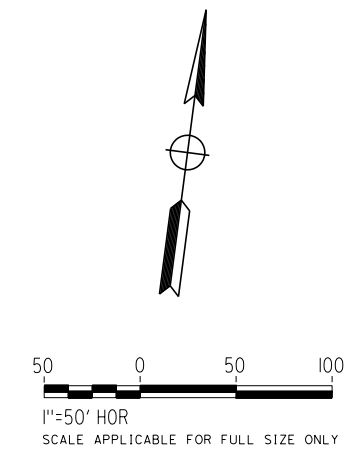
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20945+00 TO 20970+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4544
SCALE
AS SHOWN
SHEET NO.
353

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	8"	LACDPW-WW	RELOCATE
2	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
3	WATER	8"	LACDPW-WW	RELOCATE
4	WATER	12"	LACDPW-WW	RELOCATE
5	WATER	12"	LACDPW-WW	RELOCATE
6	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
7	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
8	TELECOM	UNK	VERIZON	PROTECT IN PLACE
9	TELECOM	UNK	VERIZON	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
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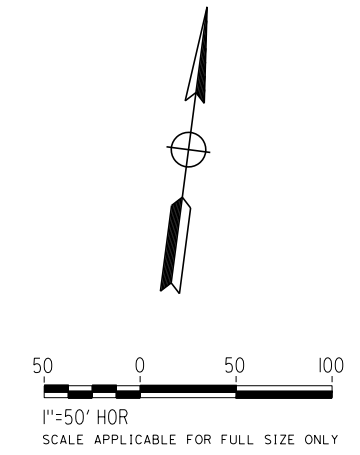
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20945+00 TO 20970+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4545
SCALE
AS SHOWN
SHEET NO.
354

MATCH LINE (UT-C4544)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
2	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
3	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
4	OH POWER	UNK	SCE DIST	RELOCATE
5	NOT USED			
6	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
7	WATER	12"	LACDPW-WW	RELOCATE
8	WATER	10"	LACDPW-WW	RELOCATE
9	WATER	12"	LACDPW-WW	RELOCATE
10	TELEVISION	UNK	TIME WARNER	RELOCATE
11	SEWER	12"	CITY OF LANCASTER	RELOCATE
12	NOT USED			
13	OH POWER	UNK	SCE DIST	RELOCATE
14	OH POWER	UNK	SCE DIST	RELOCATE
15	WATER	8"	LACDPW-WW	PROTECT IN PLACE
16	TELEVISION	UNK	TIME WARNER	RELOCATE
17	TELEVISION	UNK	TIME WARNER	RELOCATE
18	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
19	NATURAL GAS	2"	SEMPRA DIST	REMOVE
20	OH TELECOM	UNK	VERIZON	RELOCATE
21	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
22	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
23	TELECOM	UNK	VERIZON	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

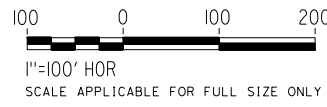
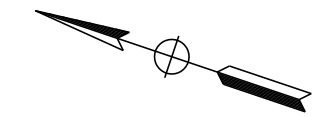


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20945+00 TO 20970+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4546
SCALE
AS SHOWN
SHEET NO.
355



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	RELOCATE
2	REC WATER	24"	CITY OF LANCASTER	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
J. LOPEZ

CHECKED BY
G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

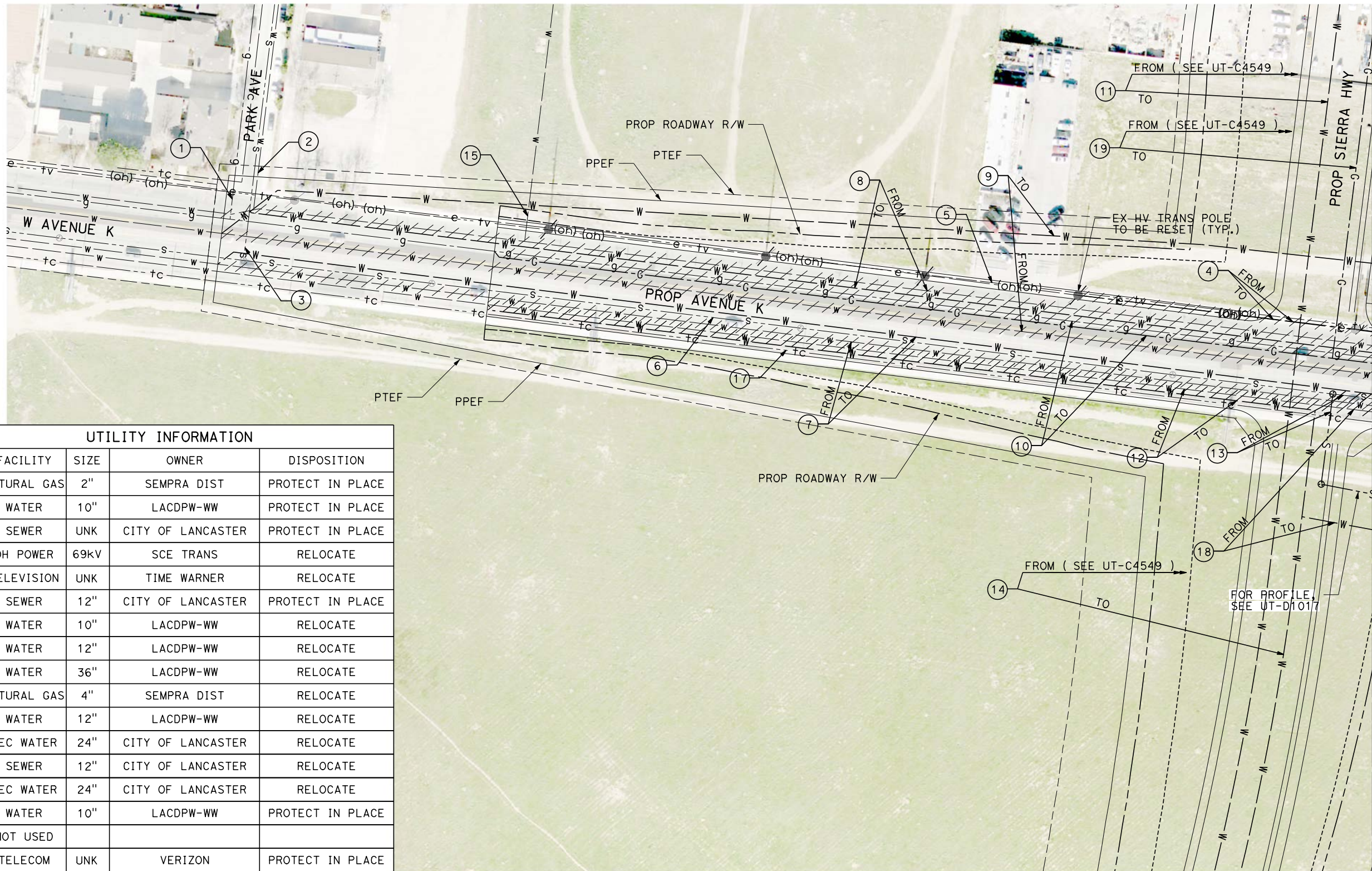
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20995+00 TO 21045+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4547

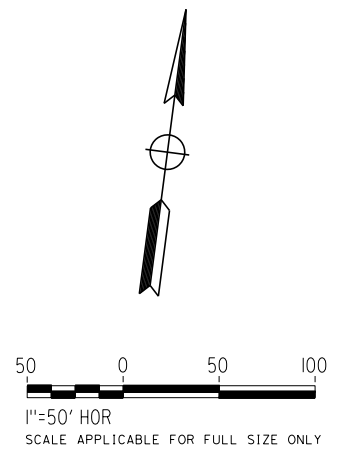
SCALE
AS SHOWN

SHEET NO.
356



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
2	WATER	10"	LACDPW-WW	PROTECT IN PLACE
3	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
4	OH POWER	69kV	SCE TRANS	RELOCATE
5	TELEVISION	UNK	TIME WARNER	RELOCATE
6	SEWER	12"	CITY OF LANCASTER	PROTECT IN PLACE
7	WATER	10"	LACDPW-WW	RELOCATE
8	WATER	12"	LACDPW-WW	RELOCATE
9	WATER	36"	LACDPW-WW	RELOCATE
10	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
11	WATER	12"	LACDPW-WW	RELOCATE
12	REC WATER	24"	CITY OF LANCASTER	RELOCATE
13	SEWER	12"	CITY OF LANCASTER	RELOCATE
14	REC WATER	24"	CITY OF LANCASTER	RELOCATE
15	WATER	10"	LACDPW-WW	PROTECT IN PLACE
16	NOT USED			
17	TELECOM	UNK	VERIZON	PROTECT IN PLACE
18	REC WATER	24"	CITY OF LANCASTER	RELOCATE
19	NATURAL GAS	4"	SEMPRA DIST	RELOCATE

MATCH LINE (UT-C4549)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20995+00 TO 21045+00

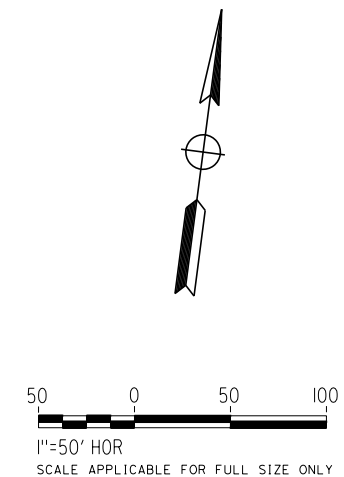
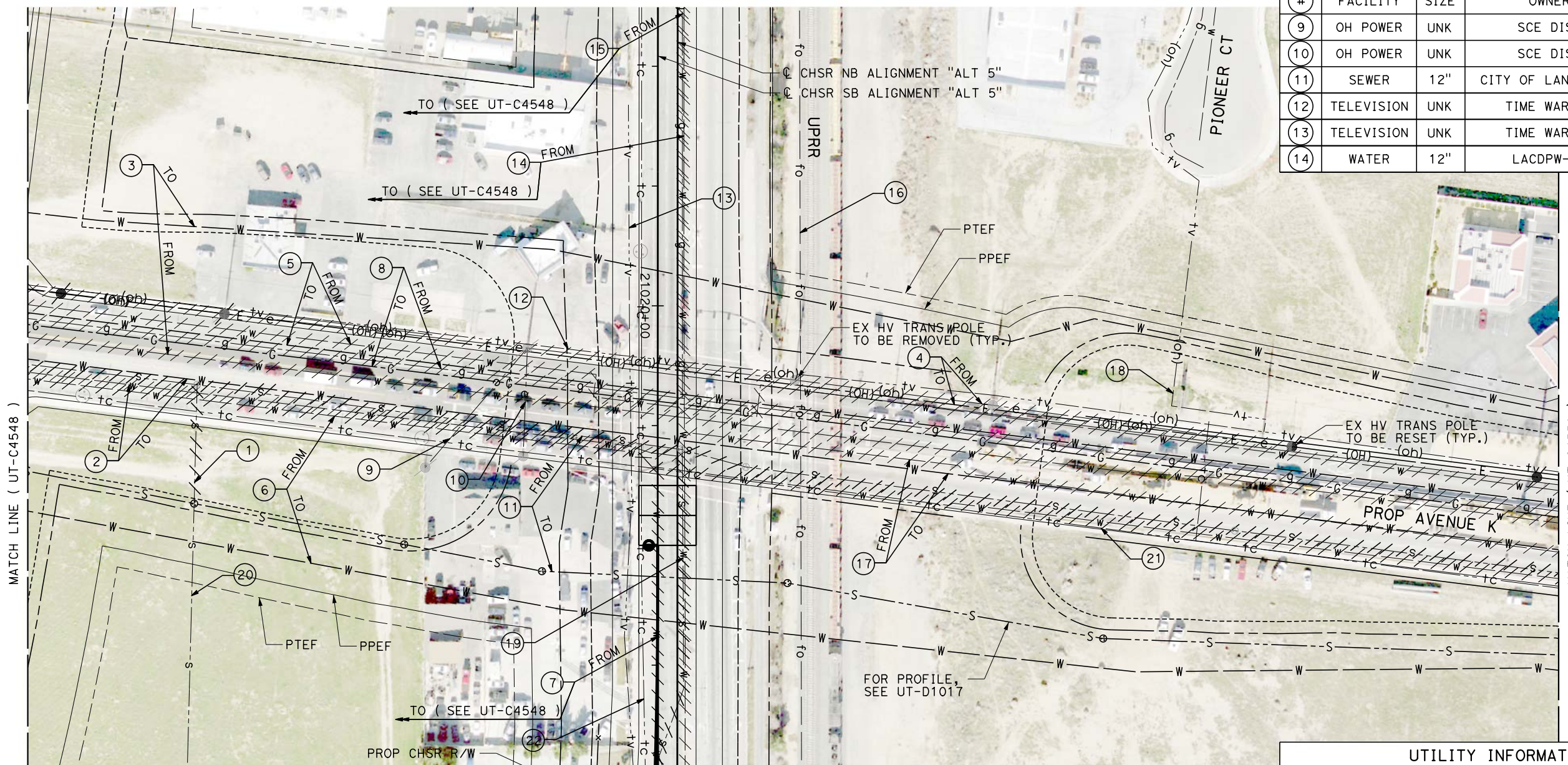
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4548
SCALE
AS SHOWN
SHEET NO.
357

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jcs_user_17609

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
9	OH POWER	UNK	SCE DIST	RELOCATE
10	OH POWER	UNK	SCE DIST	RELOCATE
11	SEWER	12"	CITY OF LANCASTER	RELOCATE
12	TELEVISION	UNK	TIME WARNER	RELOCATE
13	TELEVISION	UNK	TIME WARNER	RELOCATE
14	WATER	12"	LACDPW-WW	RELOCATE



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	SEWER	8"	CITY OF LANCASTER	REMOVE
2	WATER	10"	LACDPW-WW	RELOCATE
3	WATER	36"	LACDPW-WW	RELOCATE
4	OH POWER	69KV	SCE TRANS	RELOCATE
5	WATER	12"	LACDPW-WW	RELOCATE
6	REC WATER	24"	CITY OF LANCASTER	RELOCATE
7	REC WATER	24"	CITY OF LANCASTER	RELOCATE
8	NATURAL GAS	4"	SEMPRA DIST	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
15	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
16	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
17	WATER	10"	LACDPW-WW	RELOCATE
18	TELEVISION	UNK	TIME WARNER	RELOCATE
19	SEWER	8"	CITY OF LANCASTER	REMOVE
20	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
21	TELECOM	UNK	VERIZON	RELOCATE
22	TELECOM	UNK	VERIZON	PROTECT IN PLACE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20995+00 TO 21045+00

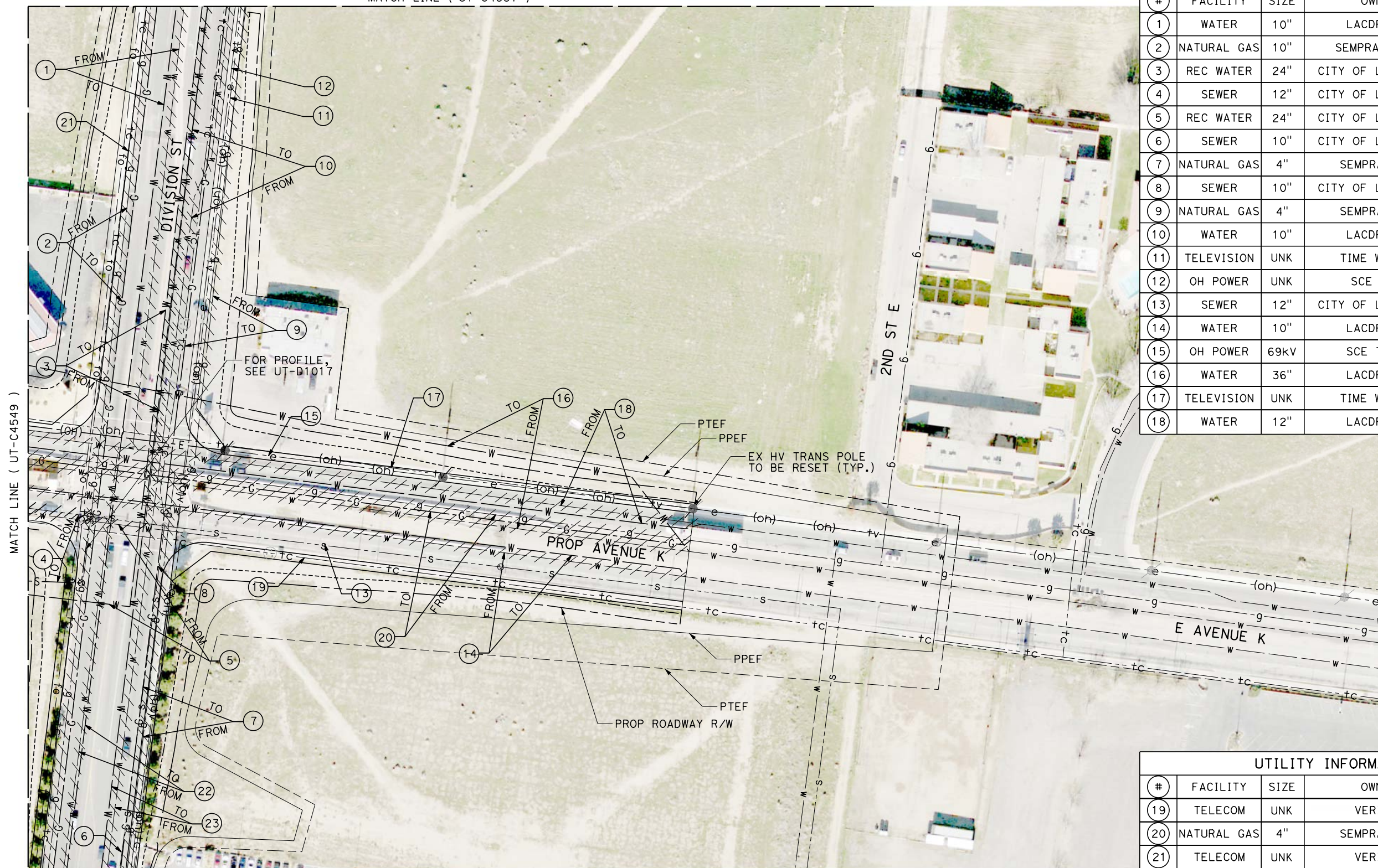
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4549
SCALE
AS SHOWN
SHEET NO.
358

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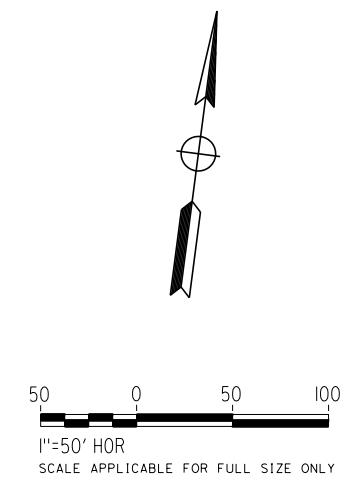
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MATCH LINE (UT-C4551)



MATCH LINE (UT-C4552)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	10"	LACDPW-WW	RELOCATE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
3	REC WATER	24"	CITY OF LANCASTER	RELOCATE
4	SEWER	12"	CITY OF LANCASTER	RELOCATE
5	REC WATER	24"	CITY OF LANCASTER	RELOCATE
6	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE
7	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
8	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE
9	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
10	WATER	10"	LACDPW-WW	RELOCATE
11	TELEVISION	UNK	TIME WARNER	RELOCATE
12	OH POWER	UNK	SCE DIST	RELOCATE
13	SEWER	12"	CITY OF LANCASTER	PROTECT IN PLACE
14	WATER	10"	LACDPW-WW	RELOCATE
15	OH POWER	69kV	SCE TRANS	RELOCATE
16	WATER	36"	LACDPW-WW	RELOCATE
17	TELEVISION	UNK	TIME WARNER	RELOCATE
18	WATER	12"	LACDPW-WW	RELOCATE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
19	TELECOM	UNK	VERIZON	RELOCATE
20	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
21	TELECOM	UNK	VERIZON	PROTECT IN PLACE
22	WATER	10"	LACDPW-WW	RELOCATE
23	WATER	12"	LACDPW-WW	RELOCATE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20995+00 TO 21045+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4550
SCALE
AS SHOWN
SHEET NO.
359

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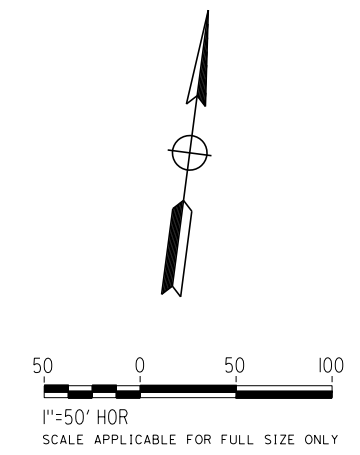
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ics_user_17609



MATCH LINE (UT-C4550)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
2	SEWER	UNK	CITY OF LANCASTER	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	RELOCATE
4	WATER	10"	LACDPW-WW	RELOCATE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
6	REC WATER	24"	CITY OF LANCASTER	RELOCATE
7	TELEVISION	UNK	TIME WARNER	RELOCATE
8	OH POWER	UNK	EDISON	RELOCATE
9	NATURAL GAS	2"	SEMPRA	PROTECT IN PLACE
10	WATER	12"	LACDPW-WW	PROTECT IN PLACE
11	NATURAL GAS	2"	SEMPRA	REMOVE
12	TELECOM	UNK	VERIZON	RELOCATE
13	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
14	TELECOM	UNK	VERIZON	PROTECT IN PLACE
15	WATER	12"	LACDPW-WW	REMOVE
16	WATER	10"	LACDPW-WW	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

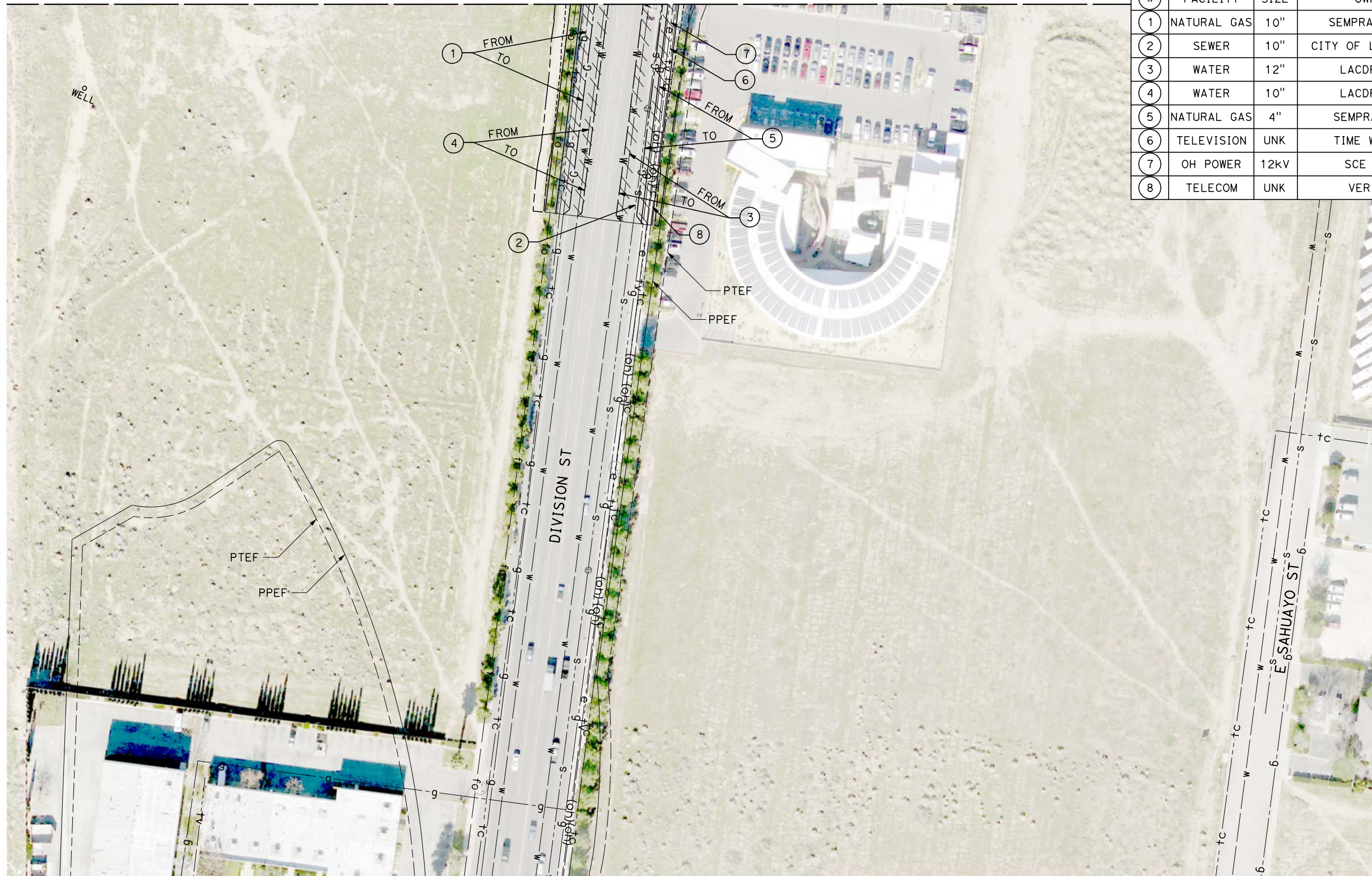
**NOT FOR
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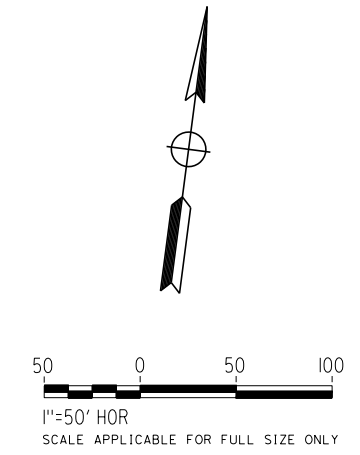
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20995+00 TO 21045+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4551
SCALE
AS SHOWN
SHEET NO.
360

MATCH LINE (UT-C4550)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
2	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	RELOCATE
4	WATER	10"	LACDPW-WW	RELOCATE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
6	TELEVISION	UNK	TIME WARNER	RELOCATE
7	OH POWER	12KV	SCE DIST	PROTECT IN PLACE
8	TELECOM	UNK	VERIZON	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
J. LOPEZ

CHECKED BY
G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 20995+00 TO 21045+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4552

SCALE
AS SHOWN

SHEET NO.
361

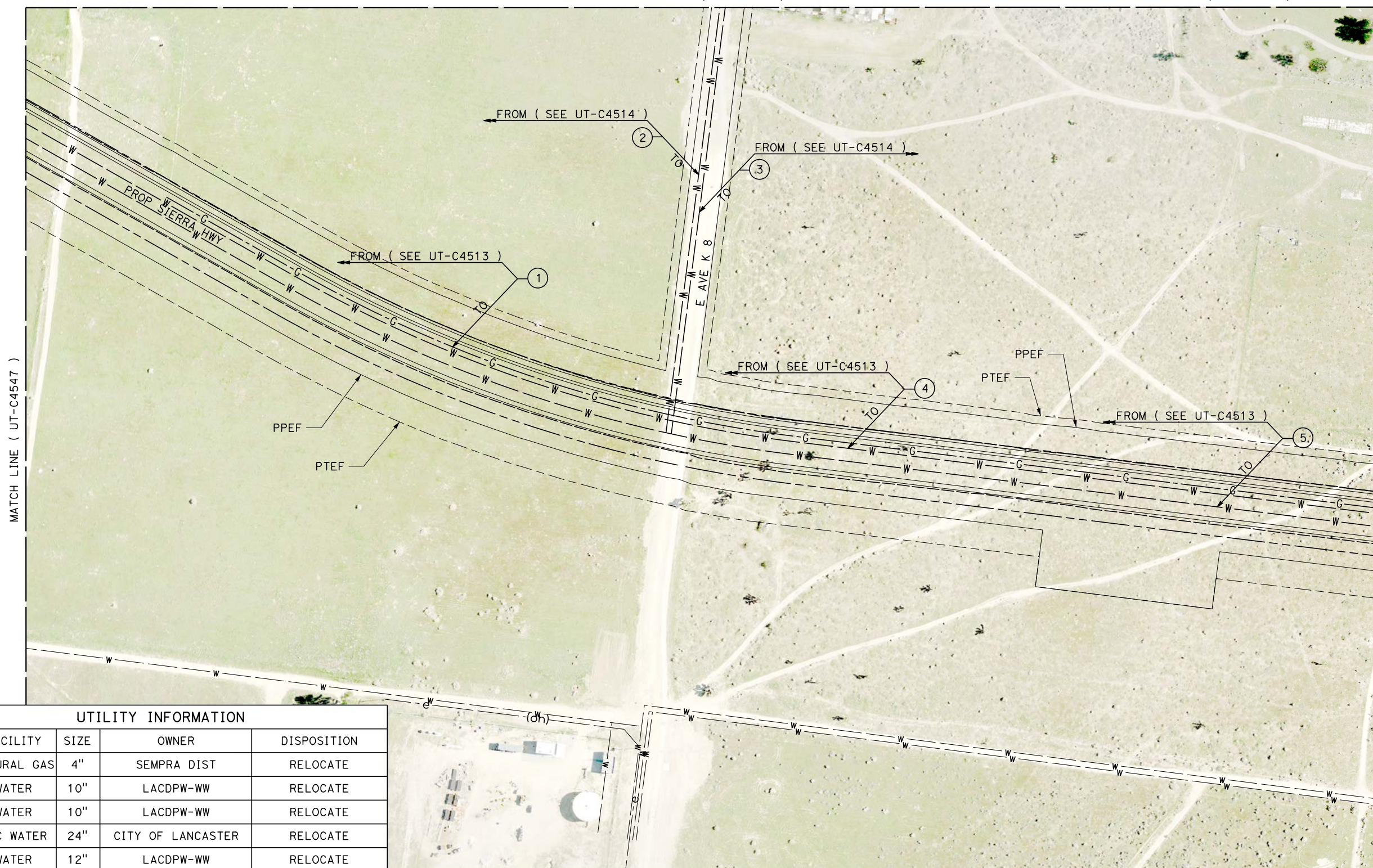
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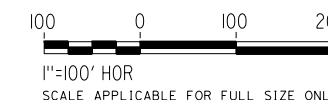
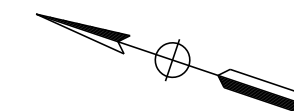
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MATCH LINE (UT-C4513)

MATCH LINE (UT-C4514)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
2	WATER	10"	LACDPW-WW	RELOCATE
3	WATER	10"	LACDPW-WW	RELOCATE
4	REC WATER	24"	CITY OF LANCASTER	RELOCATE
5	WATER	12"	LACDPW-WW	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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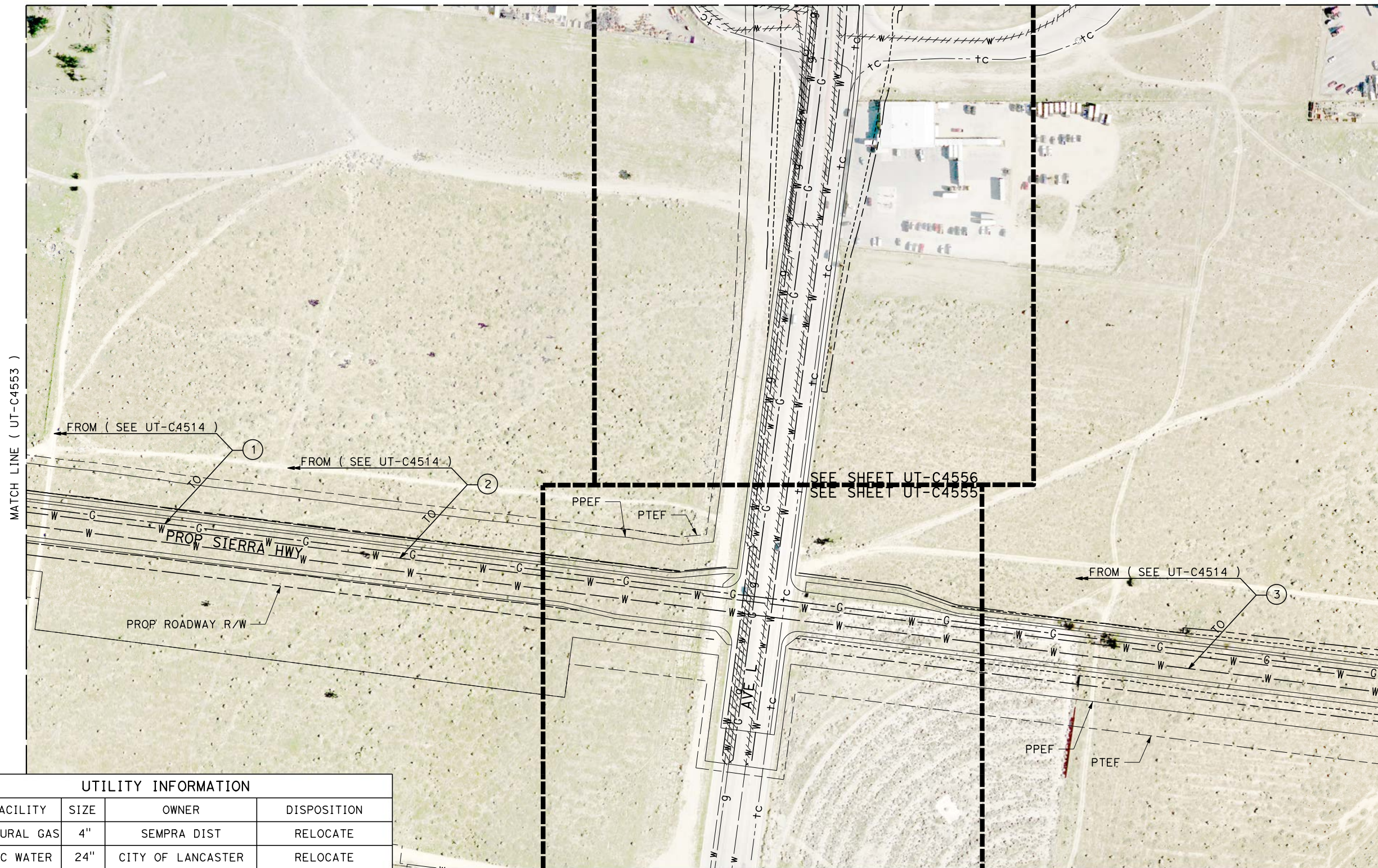


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21020+00 TO 21045+00

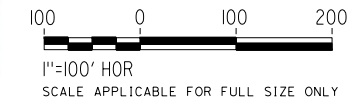
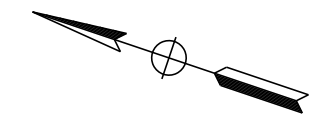
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4553
SCALE
AS SHOWN
SHEET NO.
362

MATCH LINE (UT-C4514)

MATCH LINE (UT-C4515)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
2	REC WATER	24"	CITY OF LANCASTER	RELOCATE
3	WATER	12"	LACDPW-WW	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

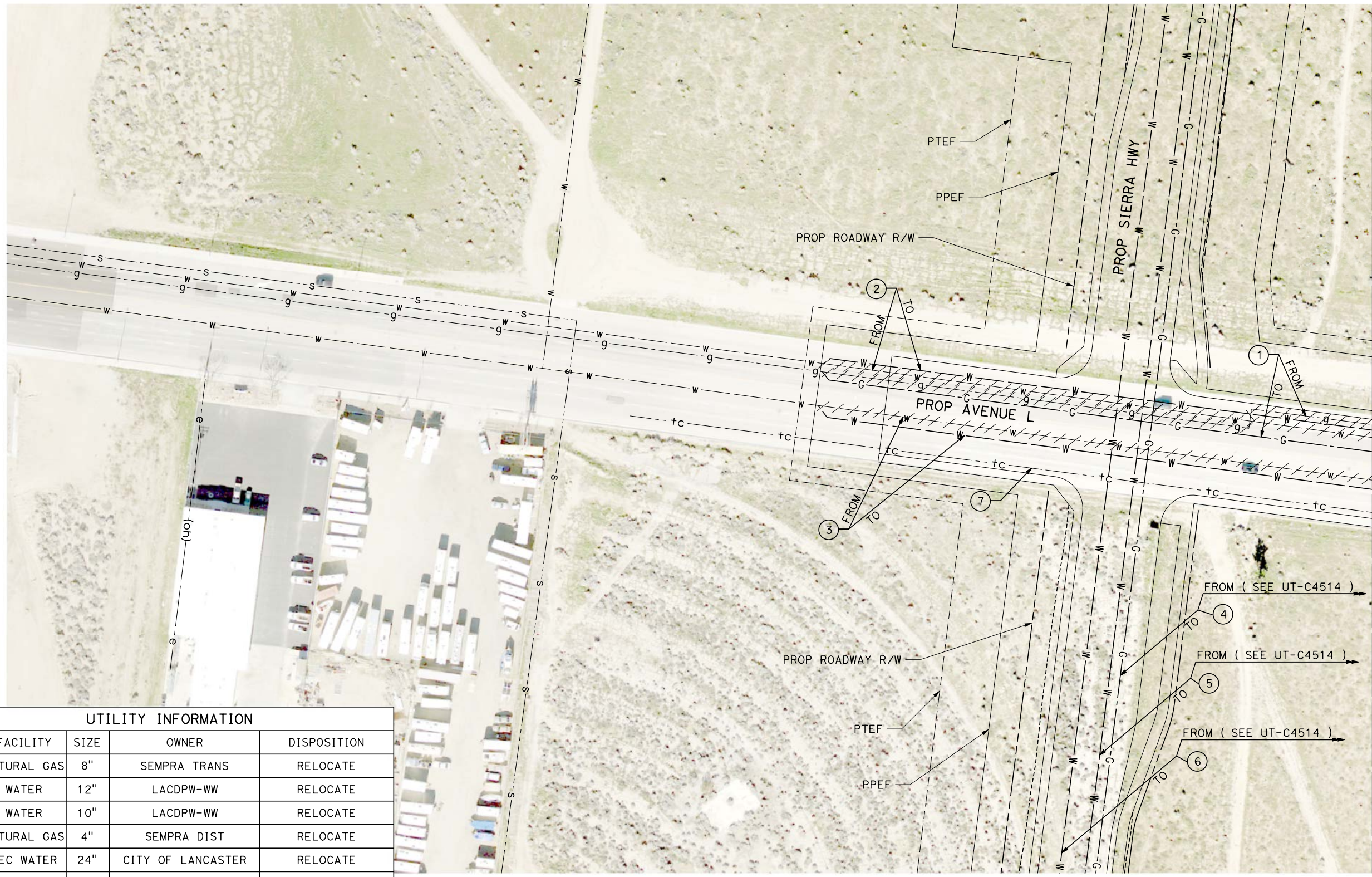
**RECORD SET
PEPD
SUBMITTAL**

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21045+00 TO 21095+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4554
SCALE
AS SHOWN
SHEET NO.
363



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	8"	SEMPRA TRANS	RELOCATE
2	WATER	12"	LACDPW-WW	RELOCATE
3	WATER	10"	LACDPW-WW	RELOCATE
4	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
5	REC WATER	24"	CITY OF LANCASTER	RELOCATE
6	WATER	12"	LACDPW-WW	RELOCATE
7	TELECOM	UNK	VERIZON	PROTECT IN PLACE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21045+00 TO 21095+00

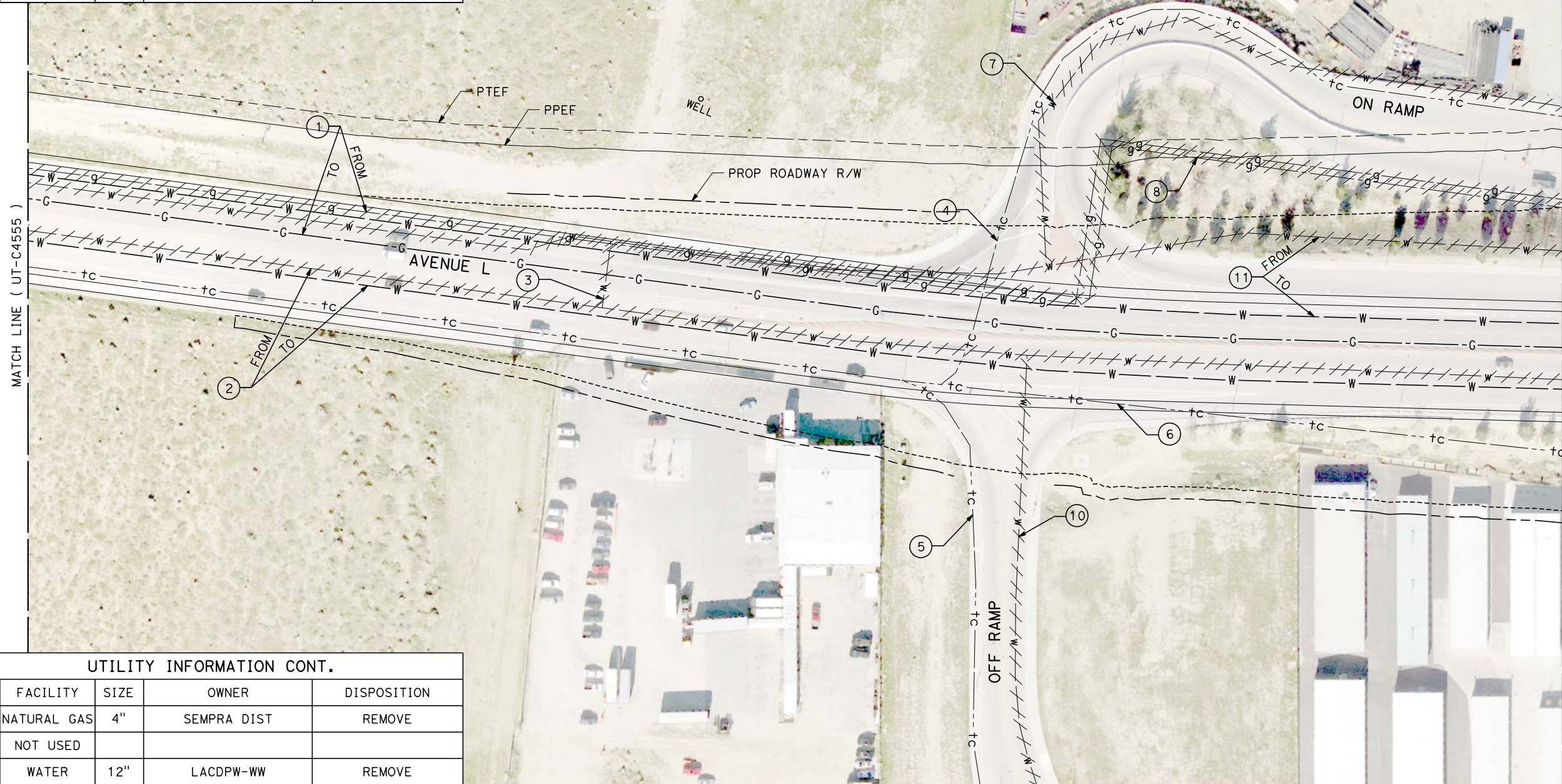
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4555
SCALE
AS SHOWN
SHEET NO.
364

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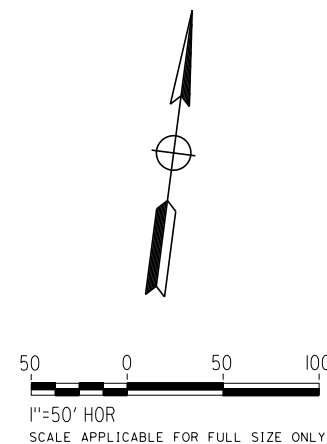
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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	8"	SEMPRA TRANS	RELOCATE
2	WATER	10"	LACDPW-WW	RELOCATE
3	WATER	UNK	LACDPW-WW	REMOVE
4	TELECOM	UNK	VERIZON	PROTECT IN PLACE
5	TELECOM	UNK	VERIZON	PROTECT IN PLACE
6	TELECOM	UNK	VERIZON	RELOCATE
7	WATER	12"	LACDPW-WW	REMOVE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
8	NATURAL GAS	4"	SEMPRA DIST	REMOVE
9	NOT USED			
10	WATER	12"	LACDPW-WW	REMOVE
11	WATER	12"	LACDPW-WW	RELOCATE
12	NOT USED			



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21045+00 TO 21095+00

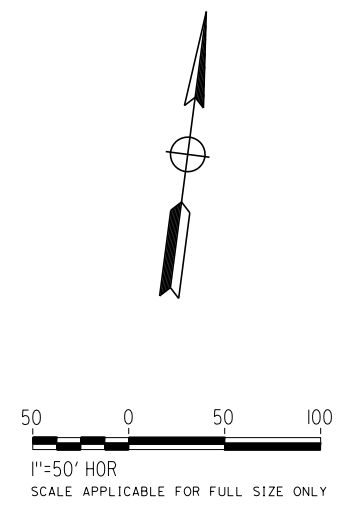
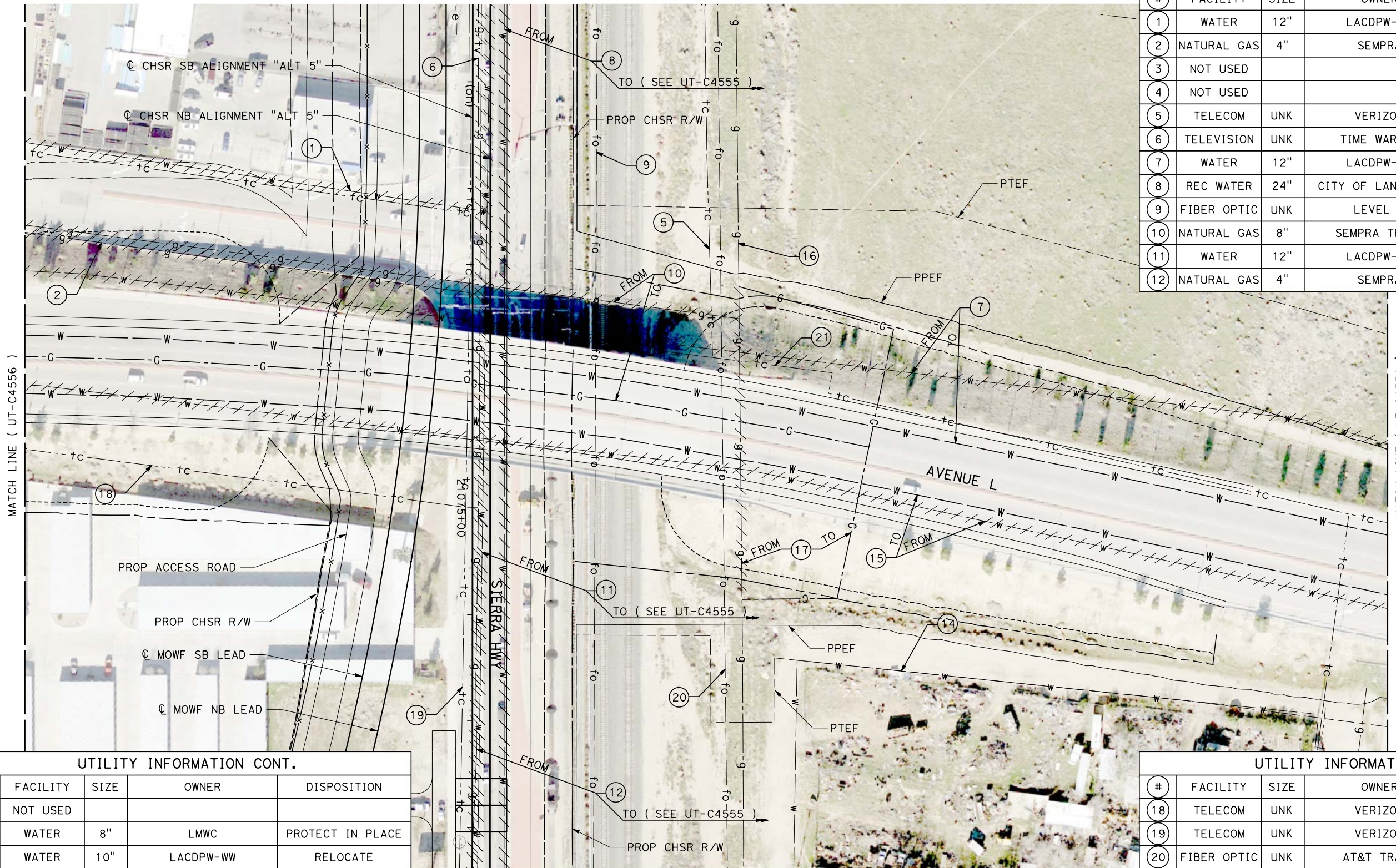
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HSR13-44
DRAWING NO.
UT-C4556
SCALE
AS SHOWN
SHEET NO.
365

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1/20/2021 4:47:15 AM

jcs_user_17609

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	REMOVE
2	NATURAL GAS	4"	SEMPRA	REMOVE
3	NOT USED			
4	NOT USED			
5	TELECOM	UNK	VERIZON	PROTECT IN PLACE
6	TELEVISION	UNK	TIME WARNER	RELOCATE
7	WATER	12"	LACDPW-WW	RELOCATE
8	REC WATER	24"	CITY OF LANCASTER	RELOCATE
9	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
10	NATURAL GAS	8"	SEMPRA TRANS	RELOCATE
11	WATER	12"	LACDPW-WW	RELOCATE
12	NATURAL GAS	4"	SEMPRA	RELOCATE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
13	NOT USED			
14	WATER	8"	LMWC	PROTECT IN PLACE
15	WATER	10"	LACDPW-WW	RELOCATE
16	NATURAL GAS	10"	SEMPRA TRANS	PROTECT IN PLACE
17	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
18	TELECOM	UNK	VERIZON	RELOCATE
19	TELECOM	UNK	VERIZON	RELOCATE
20	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
21	TELECOM	UNK	VERIZON	RELOCATE

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

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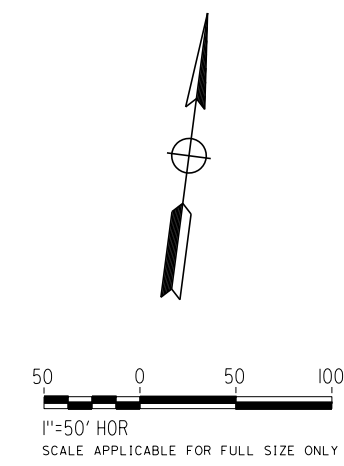


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21045+00 TO 21095+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4557
SCALE
AS SHOWN
SHEET NO.
366

REV	DATE	BY	CHK	APP	DESCRIPTION

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NOT USED			
2	WATER	12"	LACDPW-WW	PROTECT IN PLACE
3	TELECOM	UNK	VERIZON	PROTECT IN PLACE
4	WATER	12"	LACDPW-WW	RELOCATE
5	WATER	12"	LACDPW-WW	RELOCATE
6	WATER	10"	LACDPW-WW	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

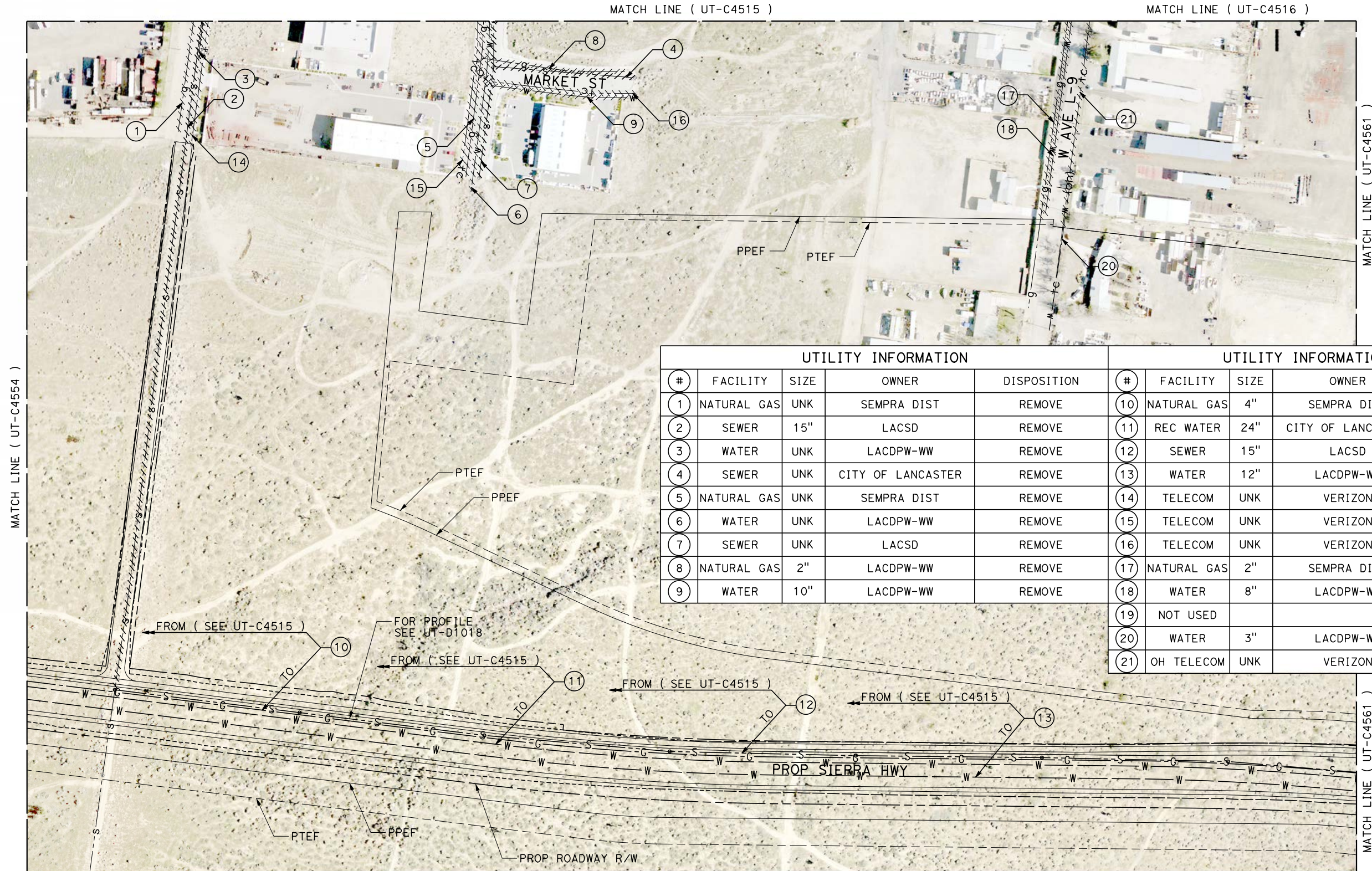
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PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

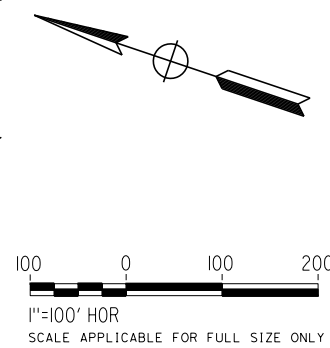


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21045+00 TO 21095+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4558
SCALE
AS SHOWN
SHEET NO.
367



UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	UNK	SEMPRA DIST	REMOVE	10	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
2	SEWER	15"	LACSD	REMOVE	11	REC WATER	24"	CITY OF LANCASTER	RELOCATE
3	WATER	UNK	LACDPW-WW	REMOVE	12	SEWER	15"	LACSD	RELOCATE
4	SEWER	UNK	CITY OF LANCASTER	REMOVE	13	WATER	12"	LACDPW-WW	RELOCATE
5	NATURAL GAS	UNK	SEMPRA DIST	REMOVE	14	TELECOM	UNK	VERIZON	REMOVE
6	WATER	UNK	LACDPW-WW	REMOVE	15	TELECOM	UNK	VERIZON	REMOVE
7	SEWER	UNK	LACSD	REMOVE	16	TELECOM	UNK	VERIZON	REMOVE
8	NATURAL GAS	2"	LACDPW-WW	REMOVE	17	NATURAL GAS	2"	SEMPRA DIST	REMOVE
9	WATER	10"	LACDPW-WW	REMOVE	18	WATER	8"	LACDPW-WW	REMOVE
					19	NOT USED			
					20	WATER	3"	LACDPW-WW	ABANDON
					21	OH TELECOM	UNK	VERIZON	REMOVE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

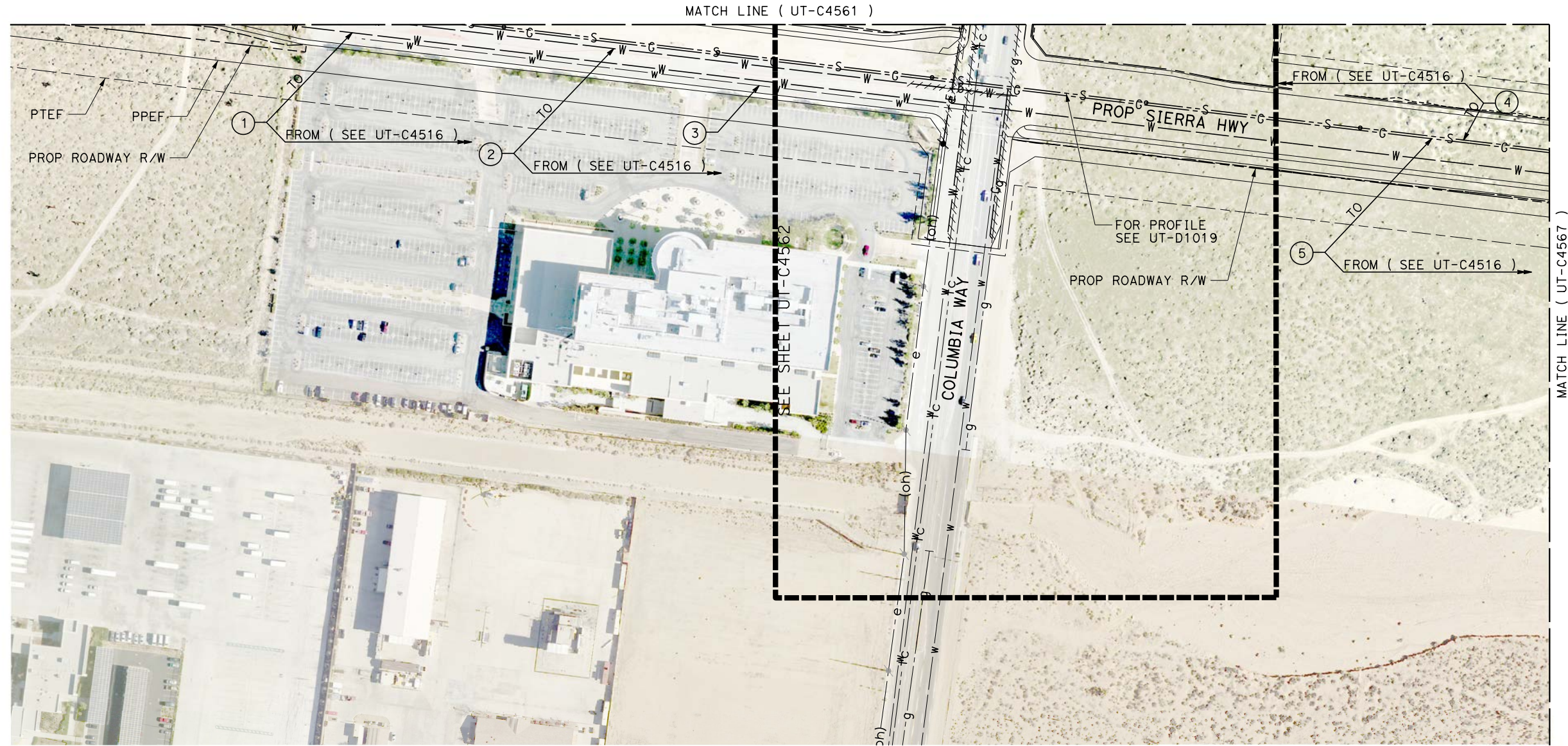
**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

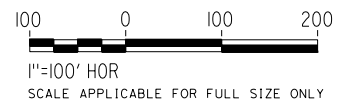
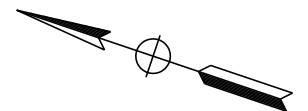


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21095+00 TO 21120+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4559
SCALE
AS SHOWN
SHEET NO.
368



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
①	WATER	12"	LACDPW-WW	RELOCATE
②	REC WATER	24"	CITY OF LANCASTER	RELOCATE
③	WATER	16"	LACDPW-WW	PROTECT IN PLACE
④	SEWER	15"	LACSD	RELOCATE
⑤	NATURAL GAS	4"	SEMPRA DIST	RELOCATE



Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\15 (Lancaster A)\BP-UT-C4560

1/20/2021 4:55:53 AM

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
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J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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SUBMITTAL**

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21120+00 TO 21145+00

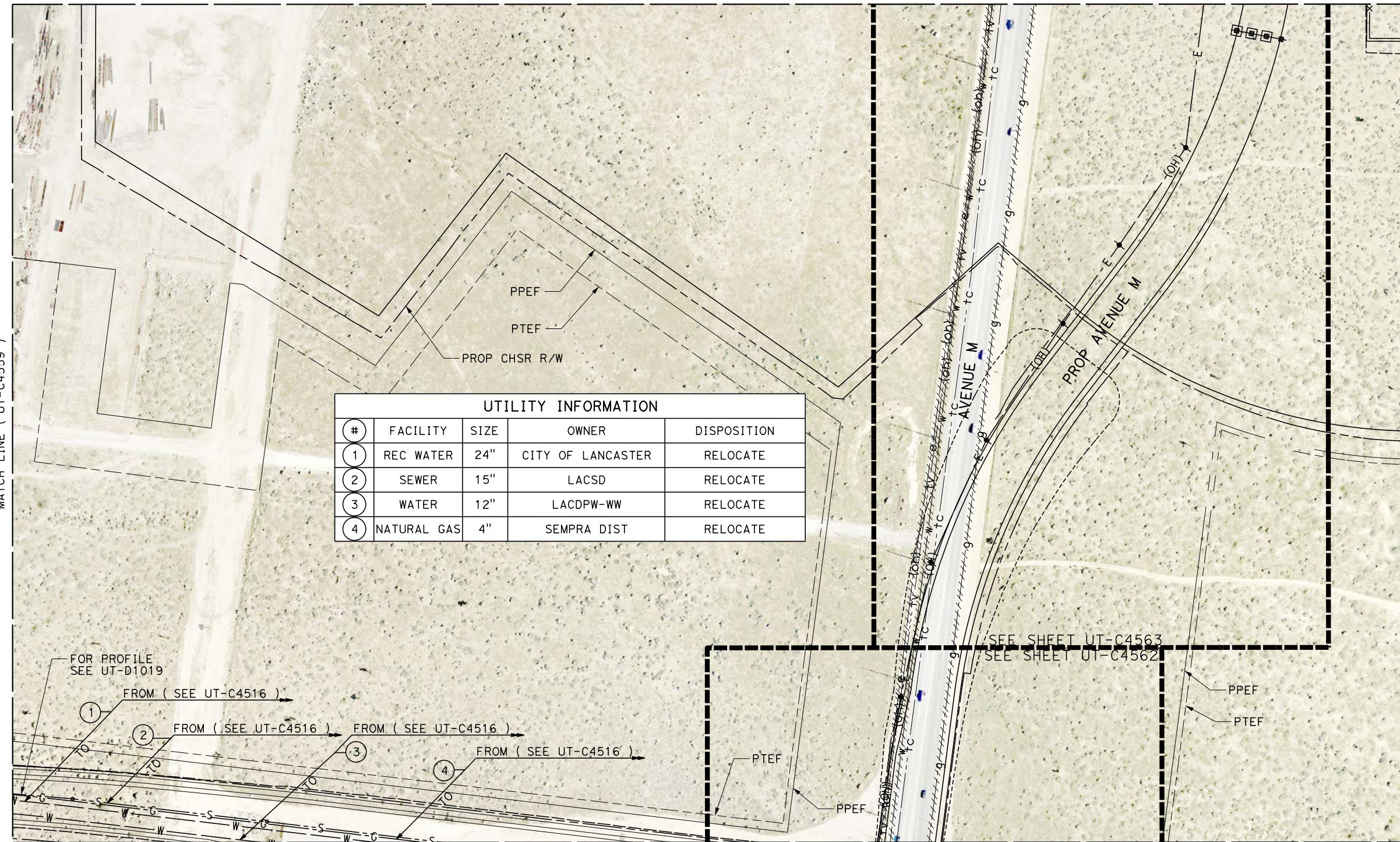
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4560
SCALE
AS SHOWN
SHEET NO.
369

MATCH LINE (UT-C4516)

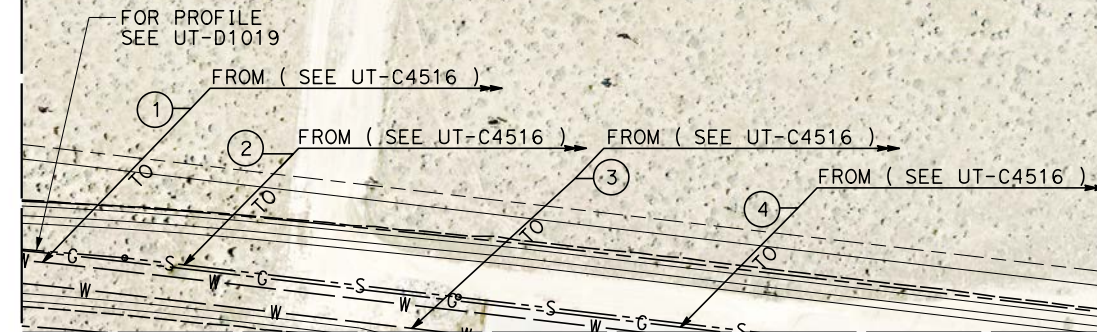
MATCH LINE (UT-C4517)

MATCH LINE (UT-C4559)

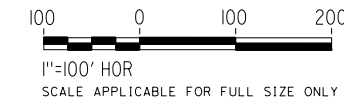
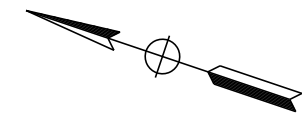
MATCH LINE (UT-C4568)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	REC WATER	24"	CITY OF LANCASTER	RELOCATE
2	SEWER	15"	LACSD	RELOCATE
3	WATER	12"	LACDPW-WW	RELOCATE
4	NATURAL GAS	4"	SEMPRA DIST	RELOCATE



SEE SHEET UT-C4563
SEE SHEET UT-C4562



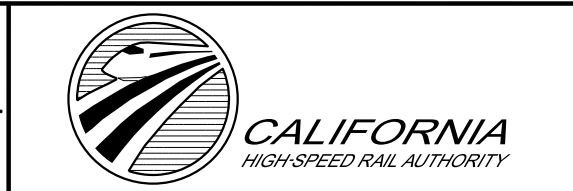
Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\15 (Lancaster A)\BP-UT-C4561 1/20/2021 4:46:23 AM jcs_user_17609

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

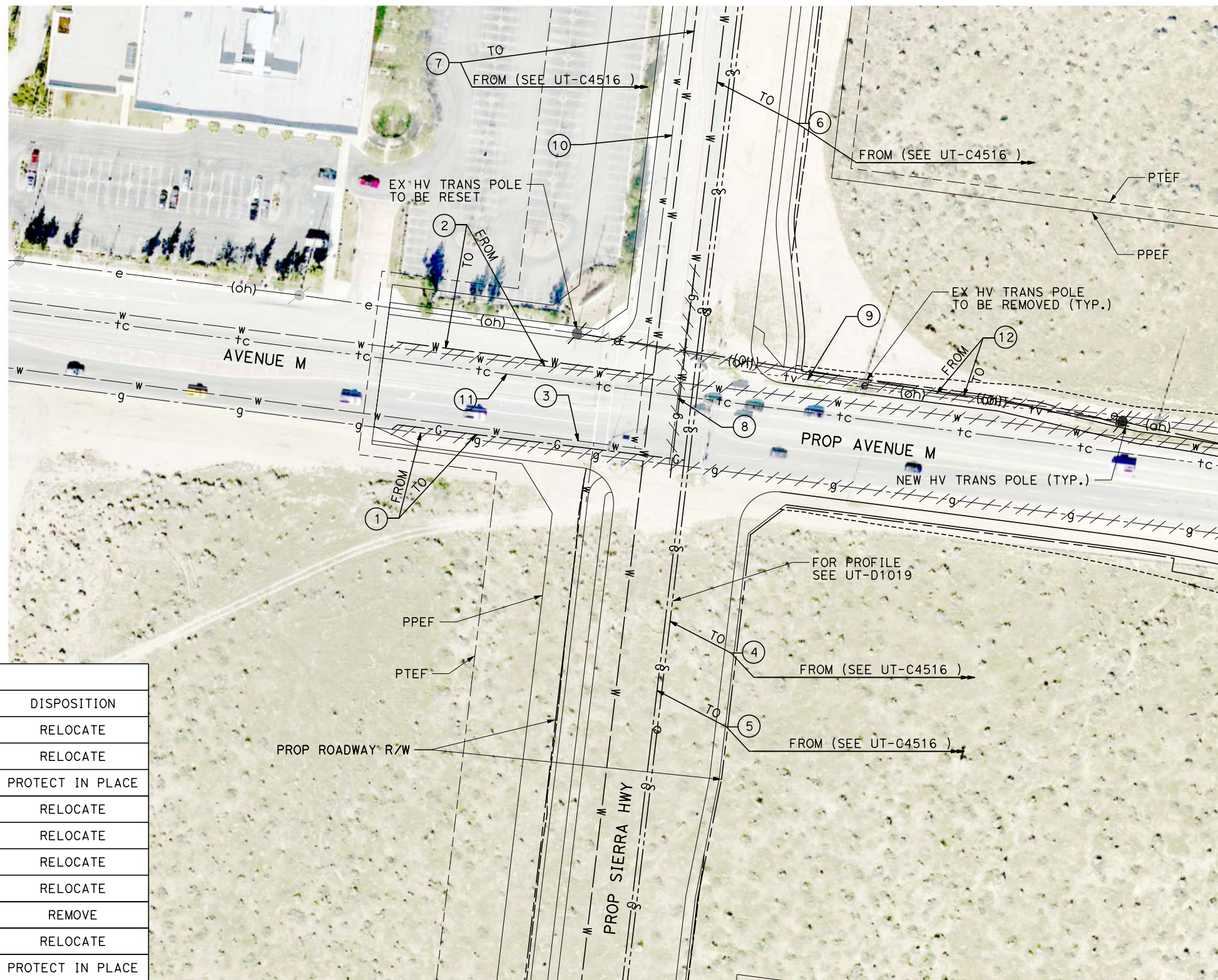
**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



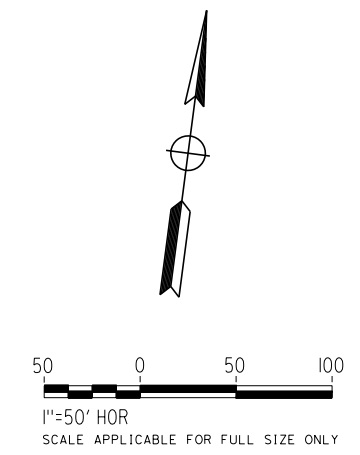
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21120+00 TO 21145+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4561
SCALE
AS SHOWN
SHEET NO.
370



MATCH LINE (C4563)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	6"	SEMPRA DIST	RELOCATE
2	WATER	12"	LACDPW-WW	RELOCATE
3	WATER	24"	LACDPW-WW	PROTECT IN PLACE
4	SEWER	15"	LACSD	RELOCATE
5	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
6	REC WATER	24"	CITY OF LANCASTER	RELOCATE
7	WATER	12"	LACDPW-WW	RELOCATE
8	NATURAL GAS	4"	SEMPRA DIST	REMOVE
9	TELEVISION	UNK	TIME WARNER	RELOCATE
10	WATER	16"	LACDPW-WW	PROTECT IN PLACE
11	TELECOM	UNK	VERIZON	PROTECT IN PLACE
12	OH POWER	69KV	SCE TRANS	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

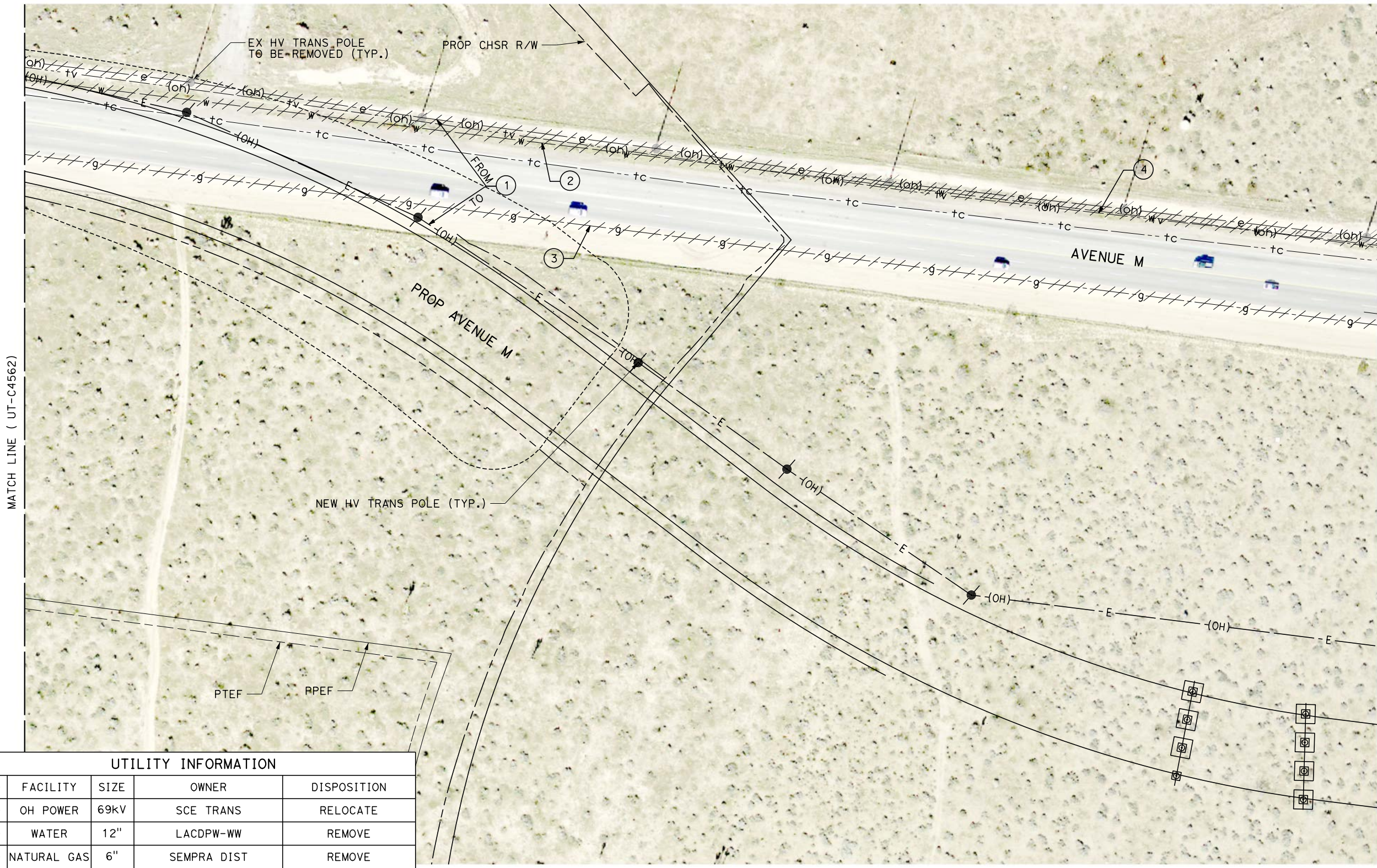
**RECORD SET
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SUBMITTAL**

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CONSTRUCTION**



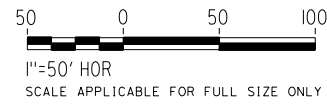
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21120+00 TO 21145+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4562
SCALE
AS SHOWN
SHEET NO.
371



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69KV	SCE TRANS	RELOCATE
2	WATER	12"	LACDPW-WW	REMOVE
3	NATURAL GAS	6"	SEMPRA DIST	REMOVE
4	TELEVISION	UNK	TIME WARNER	RELOCATE

MATCH LINE (UT-C4564)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21120+00 TO 21145+00

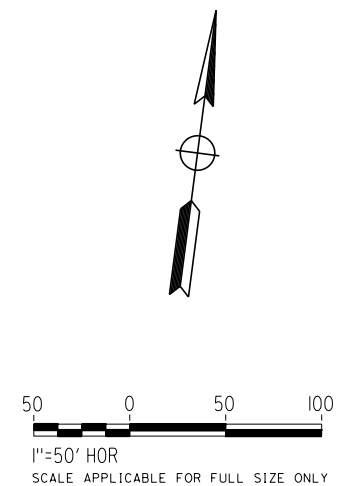
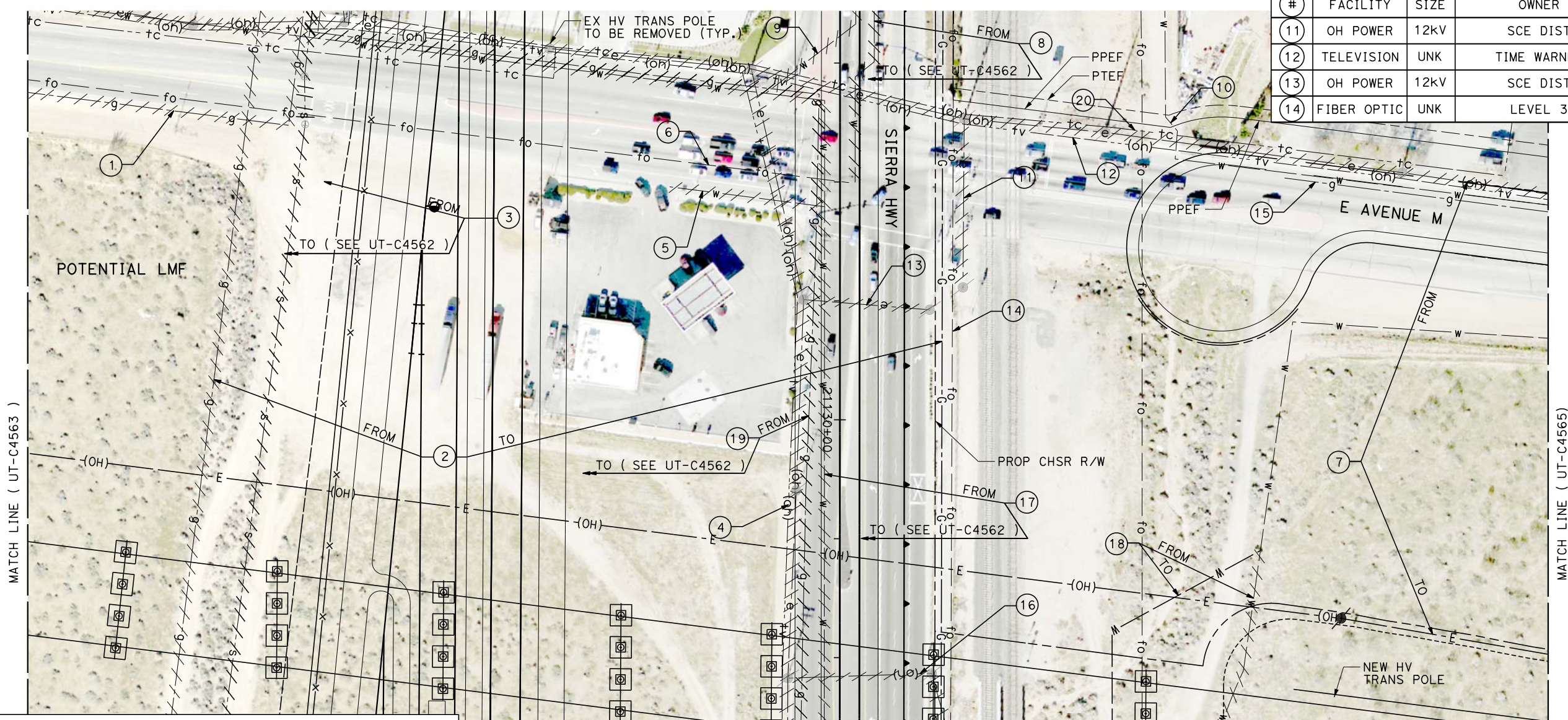
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HSR13-44
DRAWING NO.
UT-C4563
SCALE
AS SHOWN
SHEET NO.
372

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1/20/2021 4:48:46 AM

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UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
11	OH POWER	12KV	SCE DIST	RELOCATE
12	TELEVISION	UNK	TIME WARNER	RELOCATE
13	OH POWER	12KV	SCE DIST	RELOCATE
14	FIBER OPTIC	UNK	LEVEL 3	RELOCATE



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	6"	SEMPRA DIST	REMOVE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
3	SEWER	15"	LACSD	RELOCATE
4	TELEVISION	UNK	TIME WARNER	RELOCATE
5	WATER	12"	LACDPW-WW	REMOVE
6	FIBER OPTIC	UNK	CITY OF PALMDALE	RELOCATE
7	OH POWER	69KV	SCE TRANS	RELOCATE
8	REC WATER	24"	CITY OF LANCASTER	RELOCATE
9	WATER	12"	LACDPW-WW	REMOVE
10	WATER	8"	LMWC	PROTECT IN PLACE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
15	NATURAL GAS	1"	SEMPRA DIST	PROTECT IN PLACE
16	OH POWER	12KV	SCE DIST	RELOCATE
17	WATER	12"	LACDPW-WW	RELOCATE
18	WATER	30"	AVEKWA	RELOCATE
19	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
20	TELECOM	UNK	VERIZON	PROTECT IN PLACE
21	NOT USED			

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21120+00 TO 21145+00

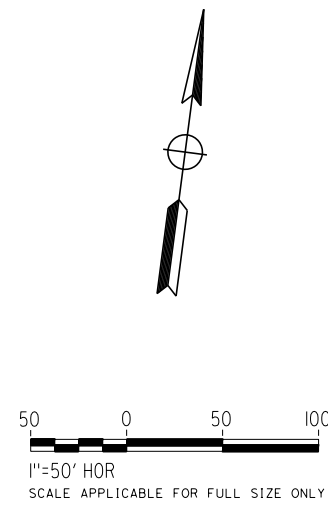
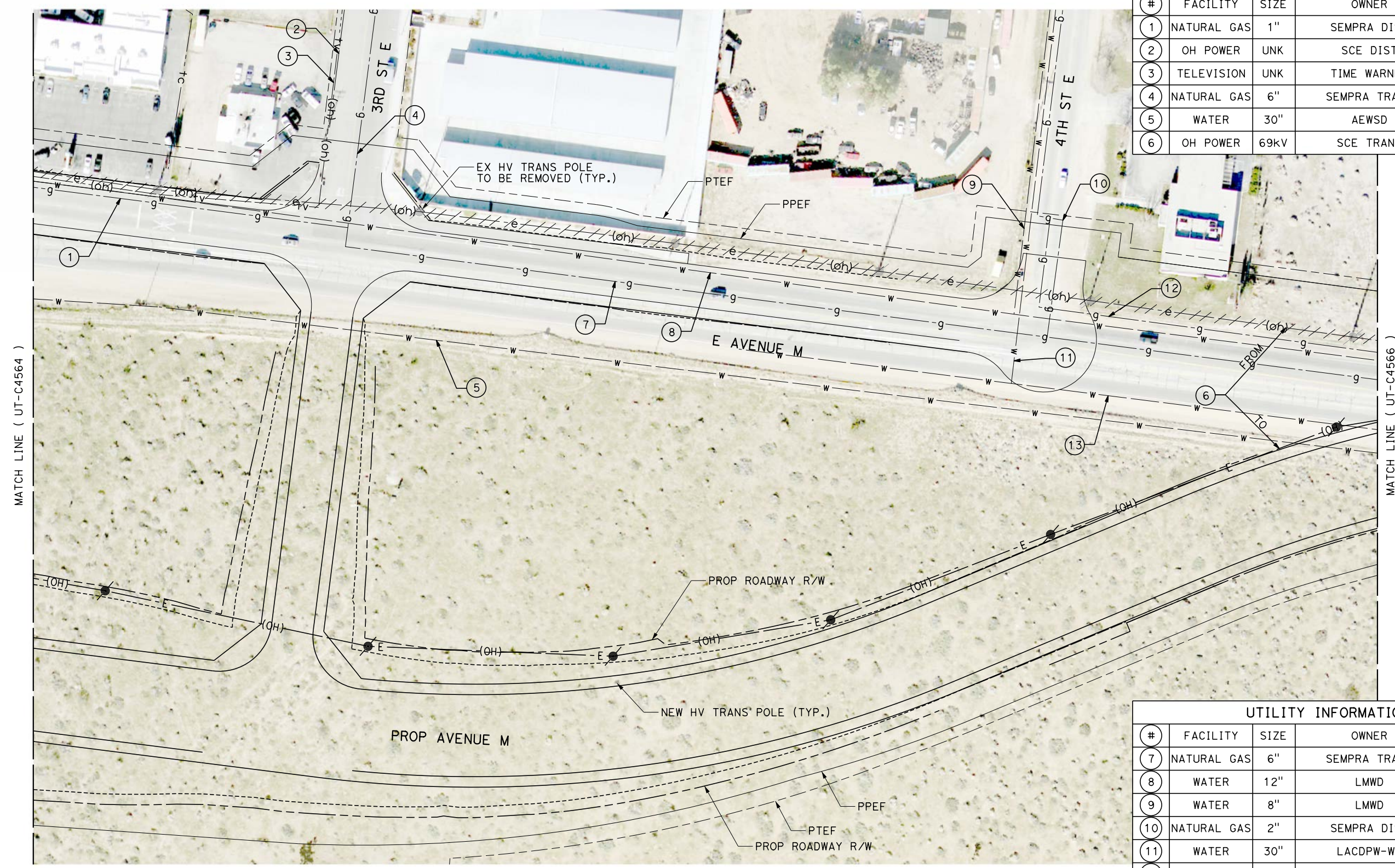
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4564
SCALE
AS SHOWN
SHEET NO.
373

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\1\15 (Lancaster A)\BP-UT-C4565

1/20/2021 4:46:51 AM

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	1"	SEMPRA DIST	PROTECT IN PLACE
2	OH POWER	UNK	SCE DIST	PROTECT IN PLACE
3	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
4	NATURAL GAS	6"	SEMPRA TRANS	PROTECT IN PLACE
5	WATER	30"	AEWSD	PROTECT IN PLACE
6	OH POWER	69kV	SCE TRANS	RELOCATE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
7	NATURAL GAS	6"	SEMPRA TRANS	PROTECT IN PLACE
8	WATER	12"	LMWD	PROTECT IN PLACE
9	WATER	8"	LMWD	PROTECT IN PLACE
10	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
11	WATER	30"	LACDPW-WW	PROTECT IN PLACE
12	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
13	WATER	30"	LACDPW-WW	PROTECT IN PLACE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21120+00 TO 21145+00

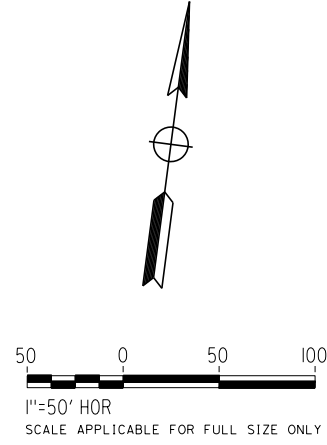
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4565
SCALE
AS SHOWN
SHEET NO.
374

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\T5 (Lancaster A)\BP-UT-C4566

1/20/2021 4:58:00 AM

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	8"	LMWC	PROTECT IN PLACE
2	OH POWER	69kV	SCE TRANS	RELOCATE
3	WATER	12"	LMWC	PROTECT IN PLACE
4	WATER	24"	LACDPW-WW	PROTECT IN PLACE
5	WATER	30"	AEWSD	PROTECT IN PLACE
6	NATURAL GAS	6"	SEMPRA TRANS	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
J. LOPEZ

CHECKED BY
G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

**RECORD SET
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21120+00 TO 21145+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4566

SCALE
AS SHOWN

SHEET NO.
375

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\115 (Lancaster A)\BP-UT-C4567

1/20/2021 4:48:19 AM

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MATCH LINE (UT-C4568)

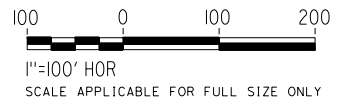
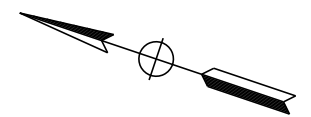


- NOTES:**
1. TERMINATION POINTS OF PROPOSED WATER AND GAS LINES INDICATED MATCH CORRESPONDING TERMINATION POINTS ON EXISTING WATER AND GAS LINES ON SHEET UT-C4517.

MATCH LINE (UT-C4560)

MATCH LINE (UT-C4569)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	RELOCATE
2	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
3	SEWER	15"	LACSD	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21145+00 TO 21170+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4567
SCALE
AS SHOWN
SHEET NO.
376

MATCH LINE (UT-C4517)

MATCH LINE (UT-C4518)

SHOP

TO (SEE UT-C4517)

TO (SEE UT-C4517)

MATCH LINE (UT-C4561)

MATCH LINE (UT-C4570)

PTEF

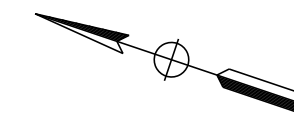
PPEF

PROP ROADWAY R/W

MATCH LINE (UT-C4567)

UTILITY INFORMATION

#	FACILITY	SIZE	OWNER	DISPOSITION
1	SEWER	15"	LACSD	RELOCATE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE



100 0 100 200
1"=100' HOR
SCALE APPLICABLE FOR FULL SIZE ONLY

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\15 (Lancaster A)\BP-UT-C4568

1/20/2021 4:56:24 AM

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
J. LOPEZ

CHECKED BY
G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21145+00 TO 21170+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4568

SCALE
AS SHOWN

SHEET NO.
377

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\115 (Lancaster A)\BP-UT-C4569

1/20/2021 4:57:37 AM

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MATCH LINE (UT-C4570)



FOR PROFILE
SEE UT-D1021 AND UT-D1022

FROM (SEE UT-C4518)

TO

PROP SIERRA HWY

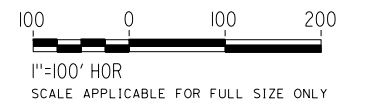
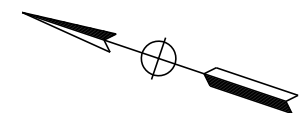
PROP ROADWAY R/W

W AVENUE N

MATCH LINE (UT-C4567)

MATCH LINE (UT-C4571)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	SEWER	15"	LACSD	RELOCATE
2	WATER	30"	AVEKWA	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

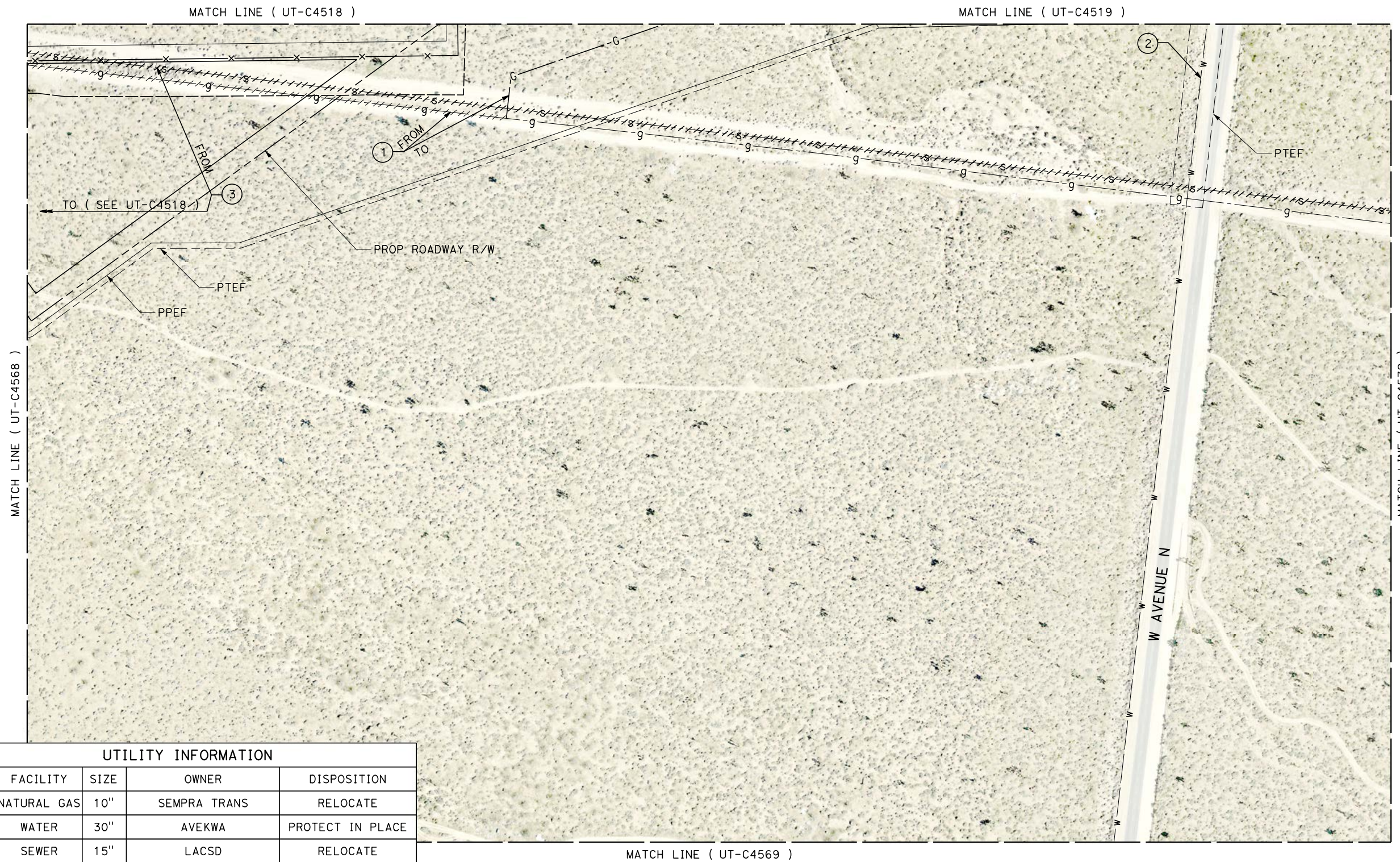
**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

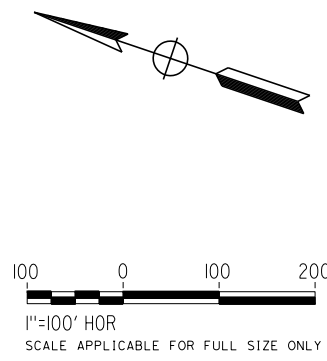


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21170+00 TO 21195+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4569
SCALE
AS SHOWN
SHEET NO.
378



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
2	WATER	30"	AVEKWA	PROTECT IN PLACE
3	SEWER	15"	LACSD	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21170+00 TO 21195+00

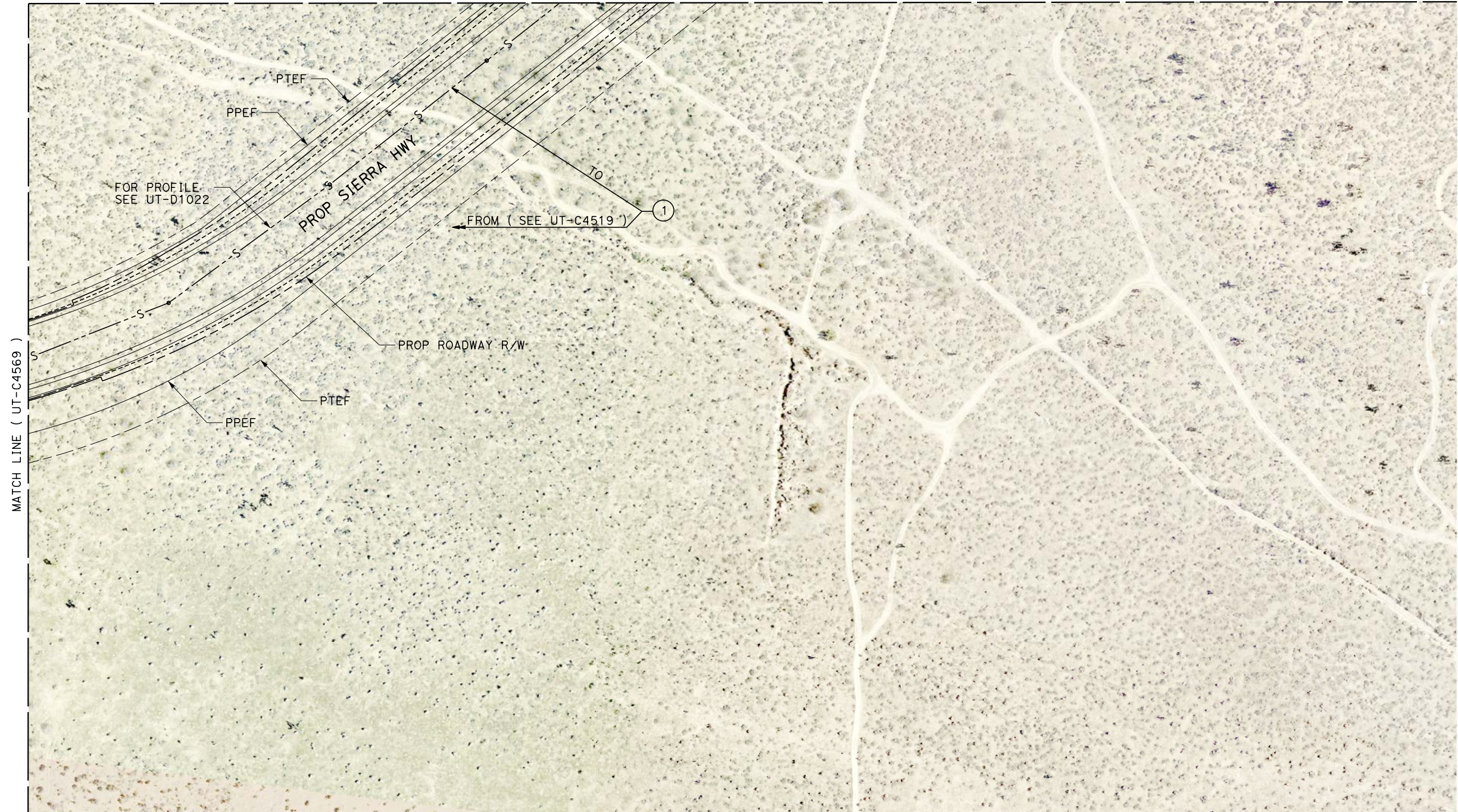
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4570
SCALE
AS SHOWN
SHEET NO.
379

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\115 (Lancaster A)\BP-UT-C4571

1/20/2021 5:02:03 AM

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MATCH LINE (UT-C4572)



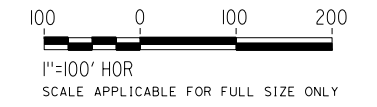
FOR PROFILE
SEE UT-D1022

FROM (SEE UT-C4519)

MATCH LINE (UT-C4569)

UTILITY INFORMATION

#	FACILITY	SIZE	OWNER	DISPOSITION
1	SEWER	15"	LACSD	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
J. LOPEZ
CHECKED BY
G. CAMPBELL
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21195+00 TO 21220+00

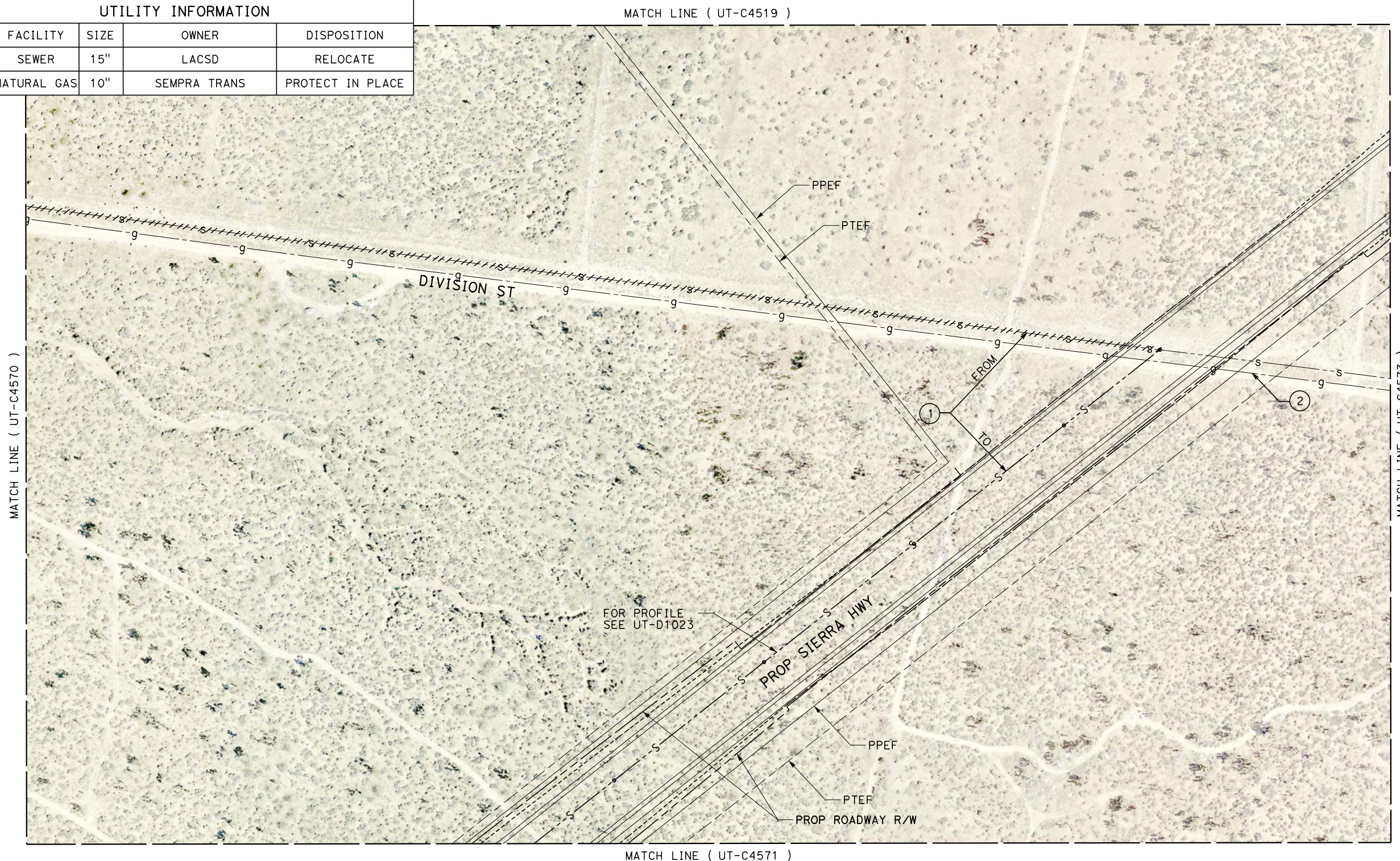
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4571
SCALE
AS SHOWN
SHEET NO.
380

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\1\15 (Lancaster A)\BP-UT-C4572

1/20/2021 4:49:23 AM

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UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	SEWER	15"	LACSD	RELOCATE
2	NATURAL GAS	10"	SEMPRA TRANS	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
J. LOPEZ

CHECKED BY
G. CAMPBELL

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21195+00 TO 21220+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4572

SCALE
AS SHOWN

SHEET NO.
381

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\Alt5 (Lancaster A)\BP-UT-C4573

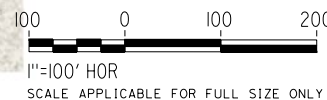
1/20/2021 4:47:43 AM

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MATCH LINE (UT-C4520)



MATCH LINE (UT-C4572)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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PEPD
SUBMITTAL**

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
COMPOSITE UTILITY PLANS
ALTERNATIVE 5
STA 21220+00 TO 21245+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4573
SCALE
AS SHOWN
SHEET NO.
382