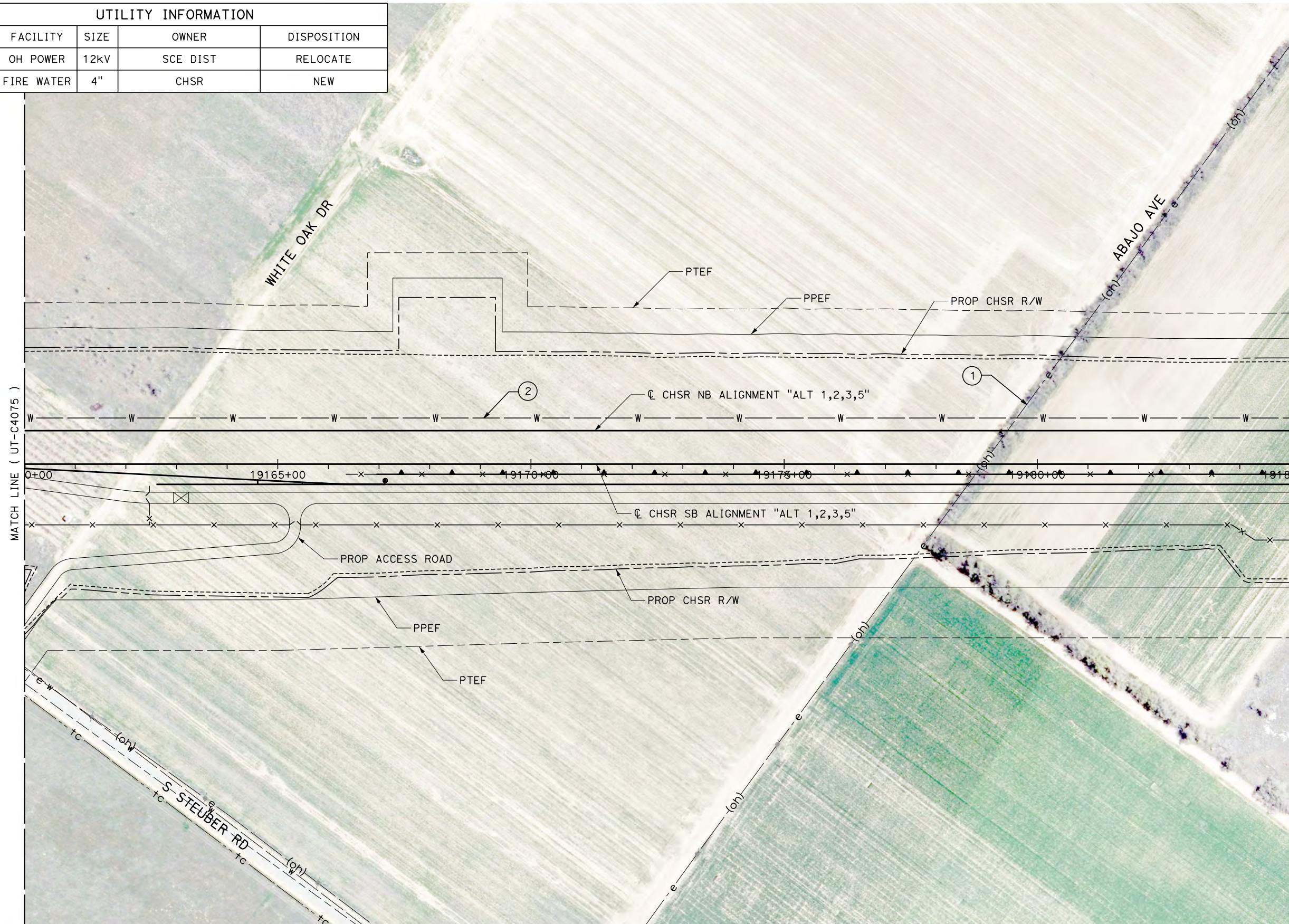


UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	12kV	SCE DIST	RELOCATE
2	FIRE WATER	4"	CHSR	NEW



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4076.dgn
11/7/2017 2:56:01 PM
OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 19160+00 TO 19185+00

CONTRACT NO.
HSR13-44

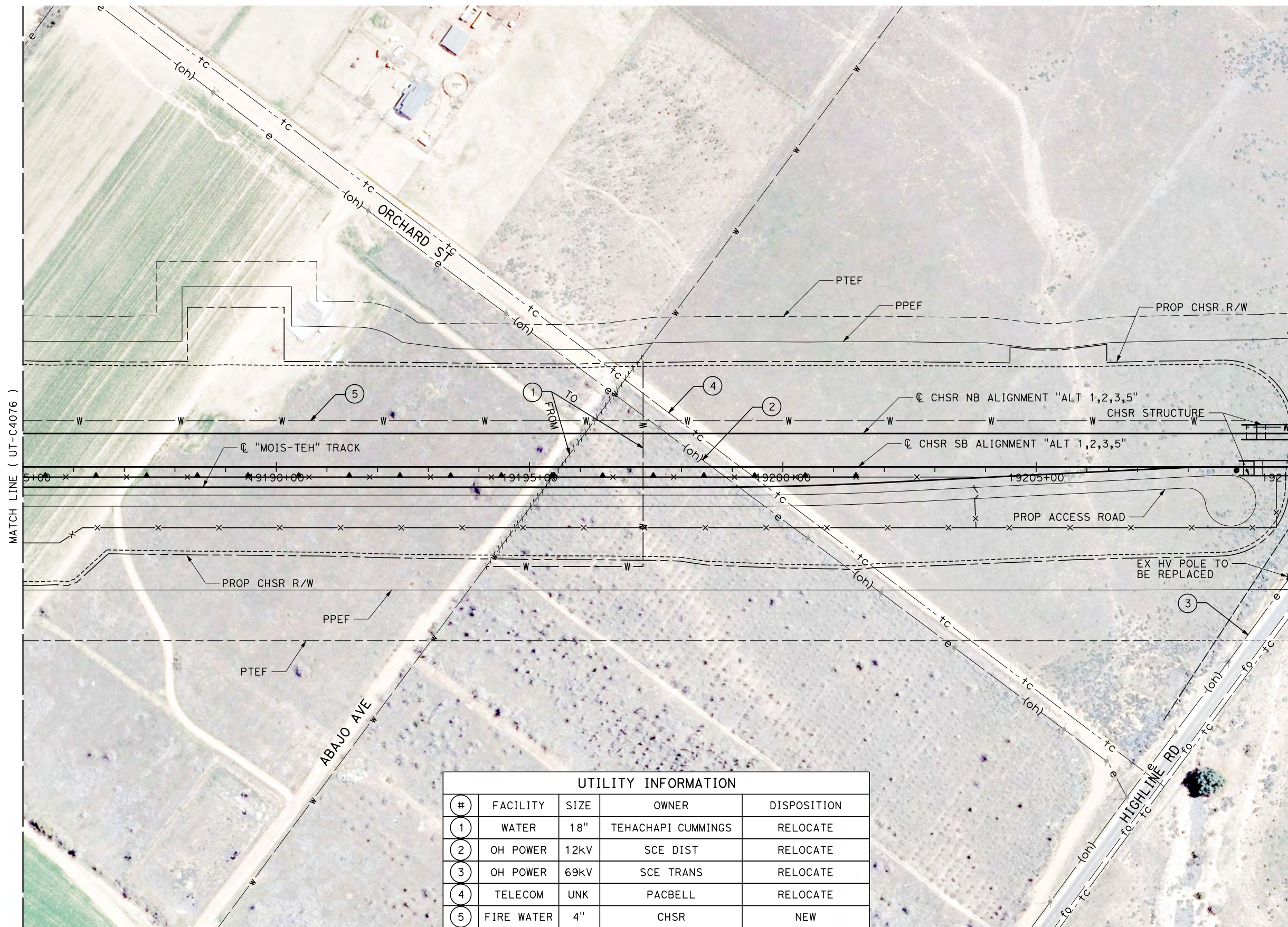
DRAWING NO.
UT-C4076

SCALE
AS SHOWN

SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4077.dgn

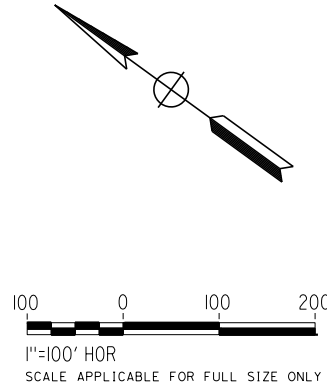
OIC:ADodge 11/7/2017 3:00:13 PM



MATCH LINE (UT-C4076)

MATCH LINE (UT-C4078)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	18"	TEHACHAPI CUMMINGS	RELOCATE
2	OH POWER	12KV	SCE DIST	RELOCATE
3	OH POWER	69KV	SCE TRANS	RELOCATE
4	TELECOM	UNK	PACBELL	RELOCATE
5	FIRE WATER	4"	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



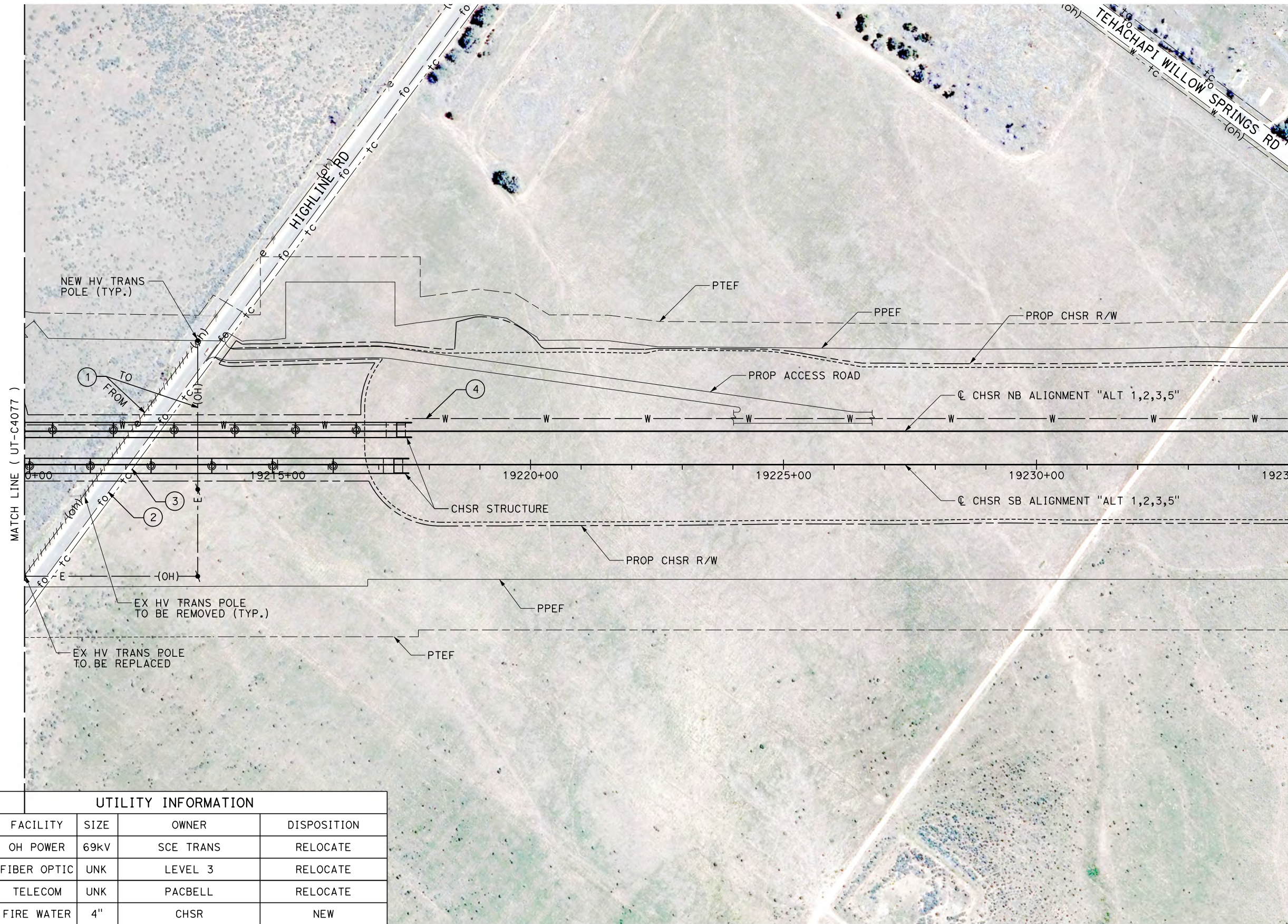
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 19185+00 TO 19210+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4077
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP_UT-C4078.dgn

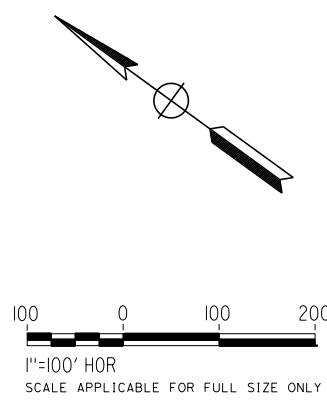
OIC: Adodge 11/7/2017 2:59:00 PM



MATCH LINE (UT-C4077)

MATCH LINE (UT-C4079)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69KV	SCE TRANS	RELOCATE
2	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
3	TELECOM	UNK	PACBELL	RELOCATE
4	FIRE WATER	4"	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



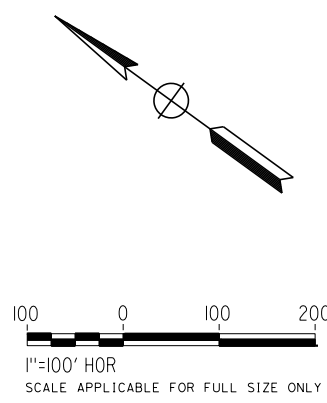
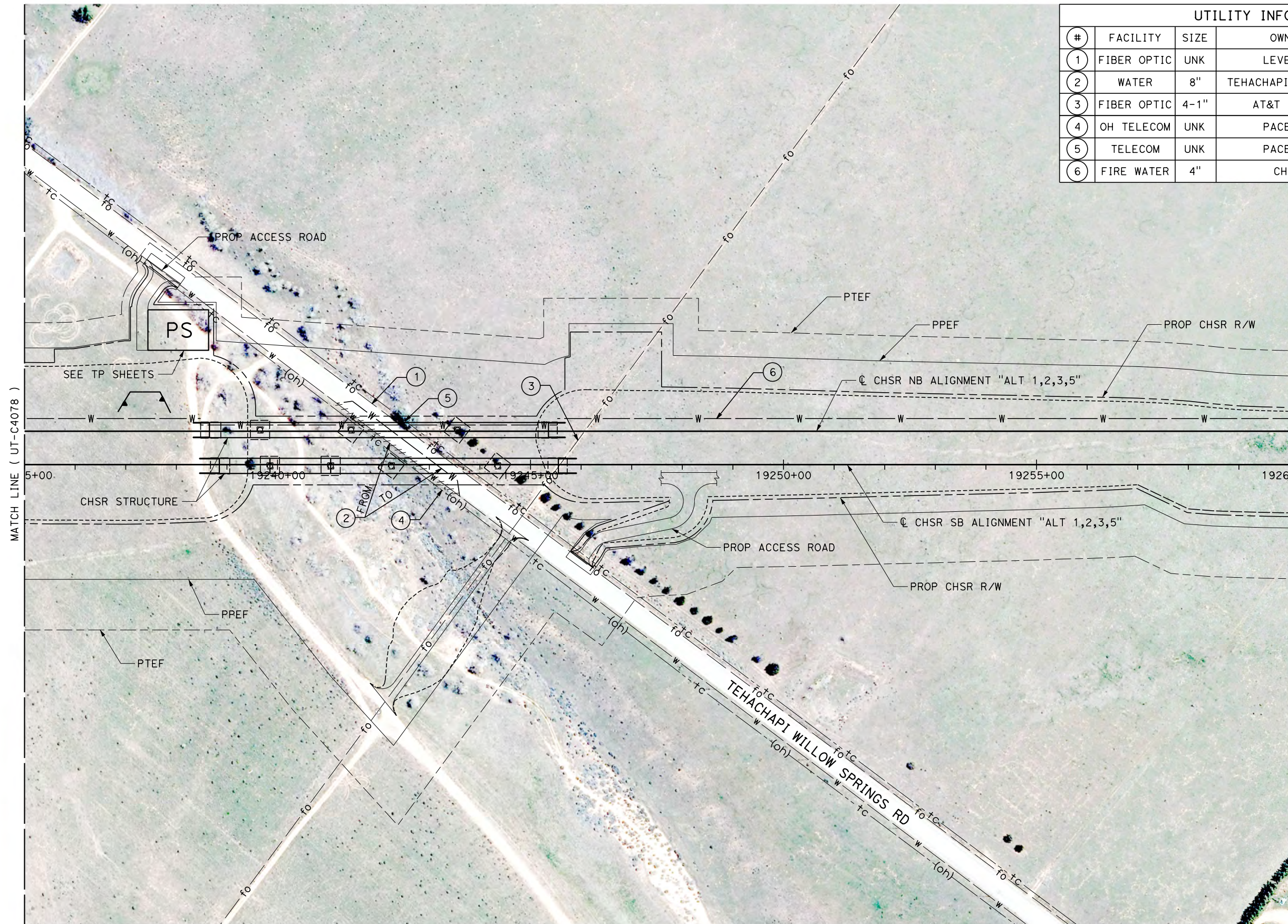
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 19210+00 TO 19235+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4078
SCALE
AS SHOWN
SHEET NO.

11/7/2017 2:59:02 PM
 Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4079.dgn
 OIC:ADodge

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
2	WATER	8"	TEHACHAPI CUMMINGS	RELOCATE
3	FIBER OPTIC	4-1"	AT&T TRANS	RELOCATE
4	OH TELECOM	UNK	PACBELL	RELOCATE
5	TELECOM	UNK	PACBELL	RELOCATE
6	FIRE WATER	4"	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PECD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

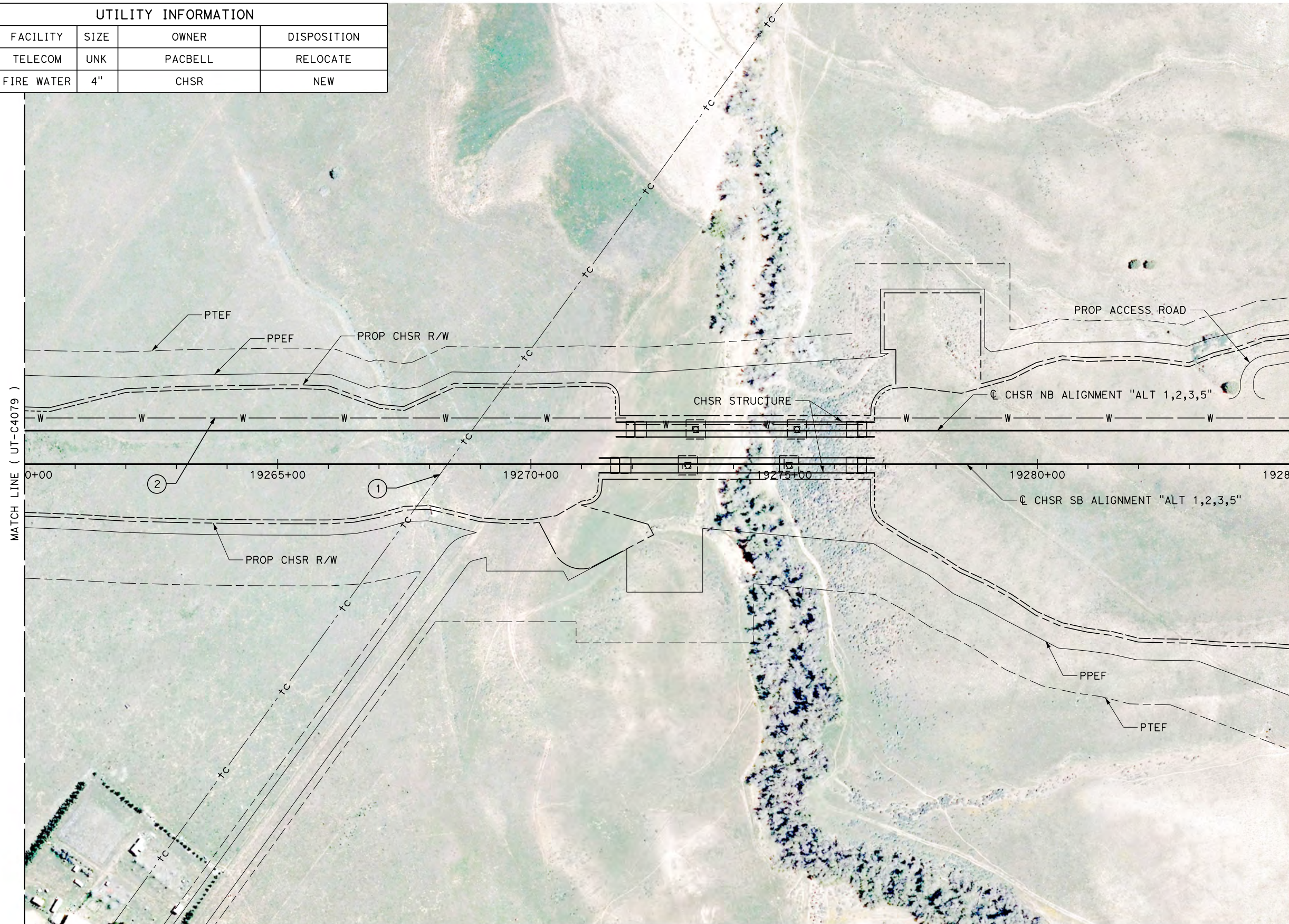
 ALTERNATIVE 1,2,3,5
 COMPOSITE UTILITY PLAN
 STA 19235+00 TO 19260+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4079
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4080.dgn

OIC:ADodge 11/7/2017 2:59:06 PM

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELECOM	UNK	PACBELL	RELOCATE
2	FIRE WATER	4"	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

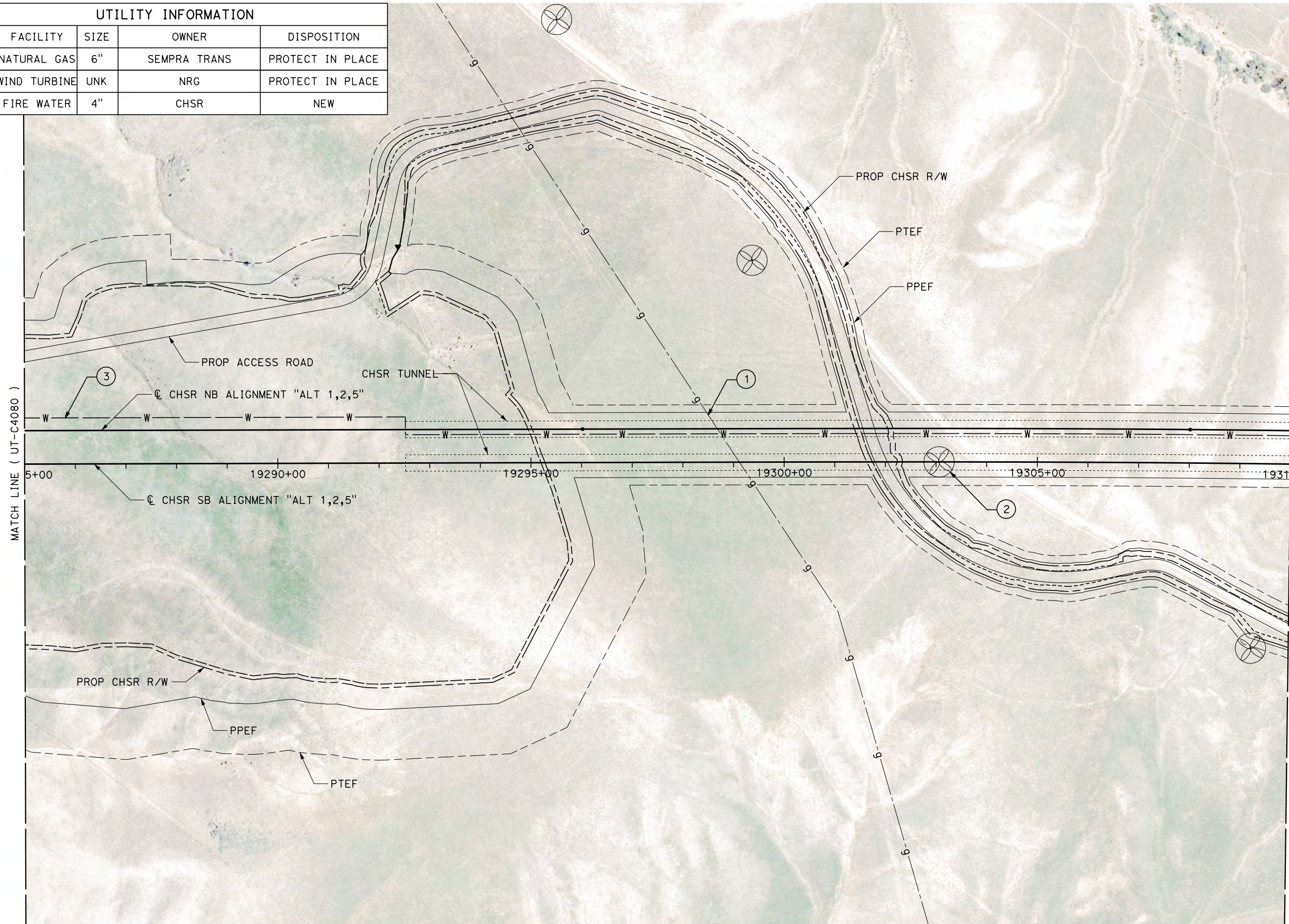


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 19260+00 TO 19285+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4080
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	6"	SEMPRA TRANS	PROTECT IN PLACE
2	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
3	FIRE WATER	4"	CHSR	NEW



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4081.dgn

OIC:Adodge 11/7/2017 3:09:10 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19285+00 TO 19310+00

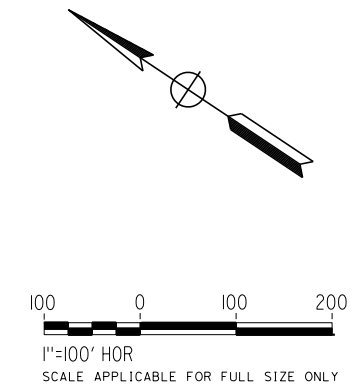
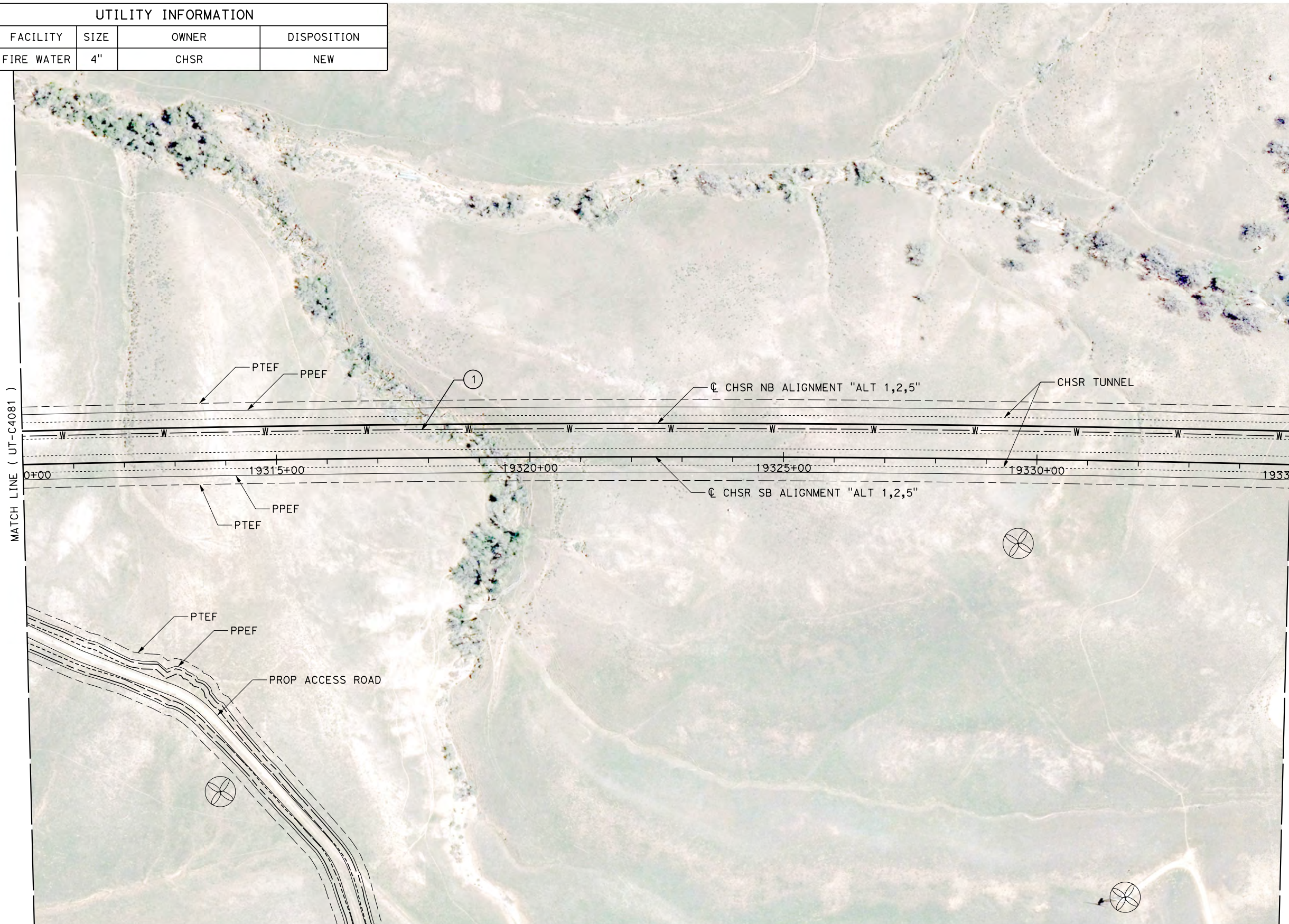
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4081

SCALE
AS SHOWN

SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A\1\BP-UT-C4082.dgn
 11/7/2017 2:56:04 PM
 OIC:ADodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

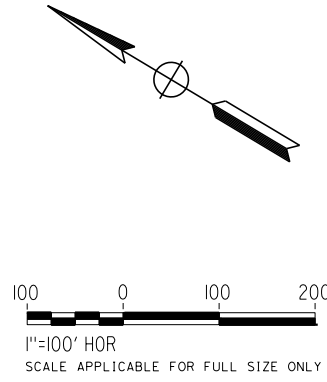
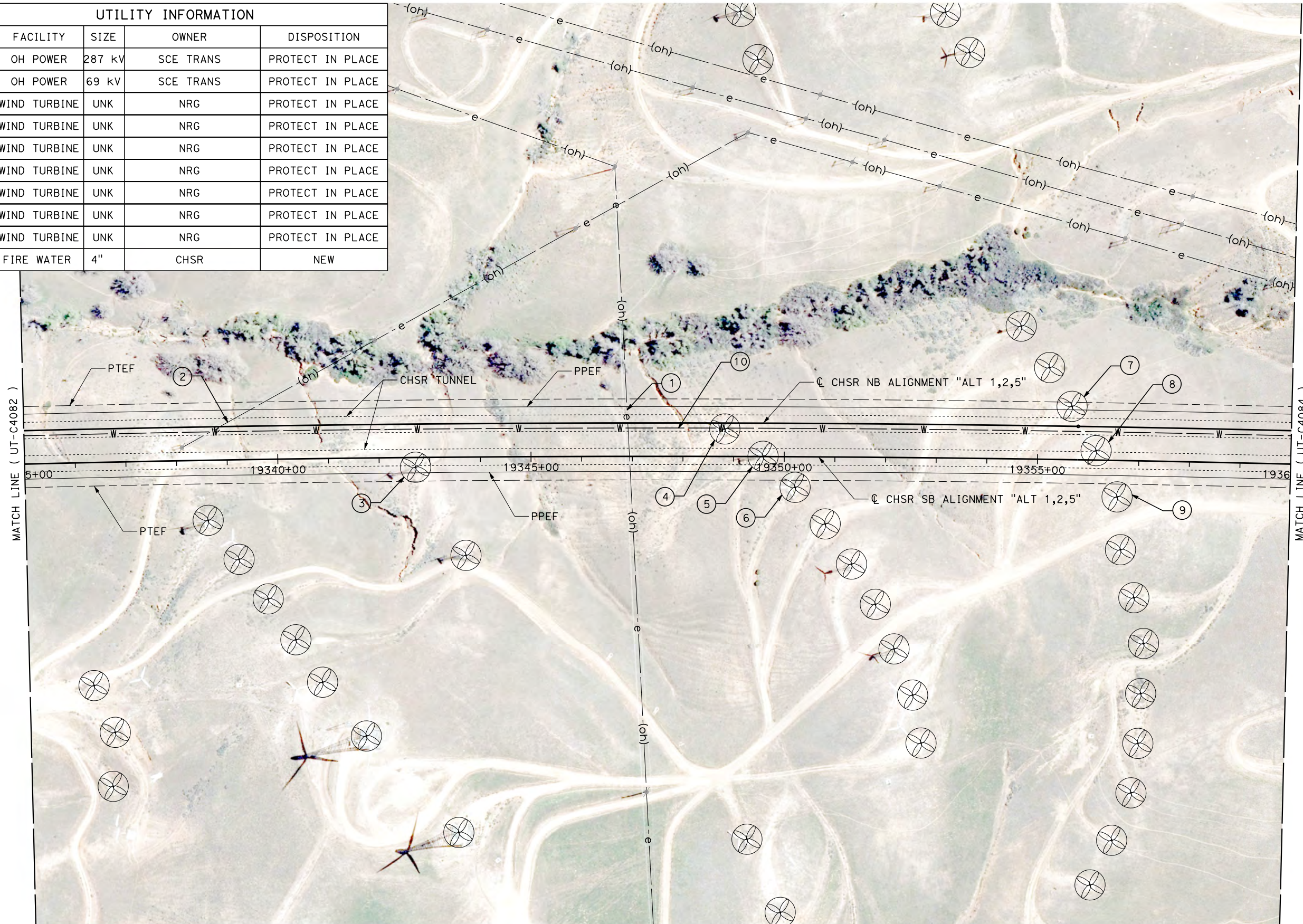


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**

 ALTERNATIVE 1,2,5
 COMPOSITE UTILITY PLAN
 STA 19310+00 TO 19335+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4082
 SCALE
AS SHOWN
 SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	287 KV	SCE TRANS	PROTECT IN PLACE
2	OH POWER	69 KV	SCE TRANS	PROTECT IN PLACE
3	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
4	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
5	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
6	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
7	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
8	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
9	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
10	FIRE WATER	4"	CHSR	NEW



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4083.dgn
 11/7/2017 3:11:23 PM
 OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PECD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



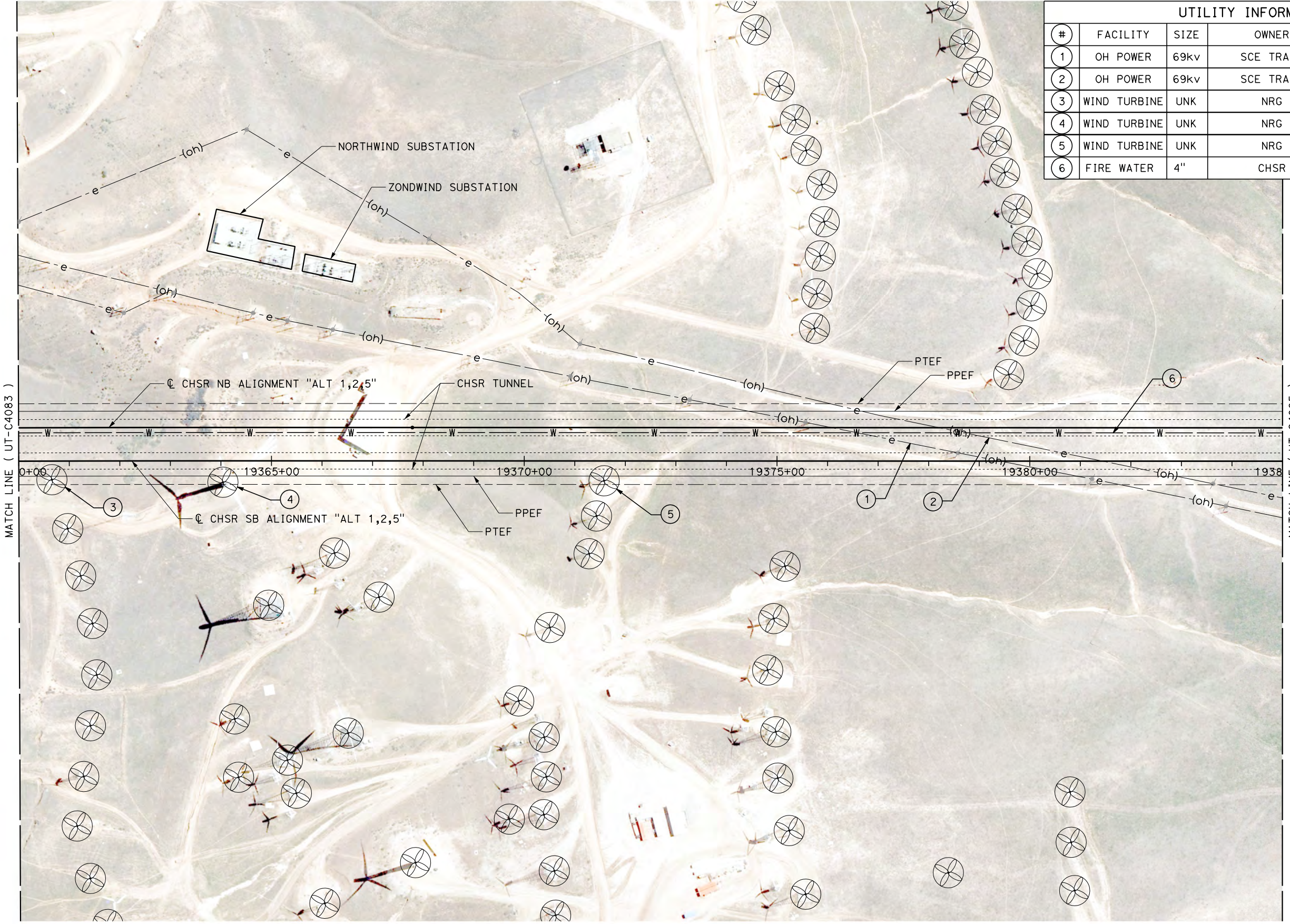
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

 ALTERNATIVE 1,2,5
 COMPOSITE UTILITY PLAN
 STA 19335+00 TO 19360+00

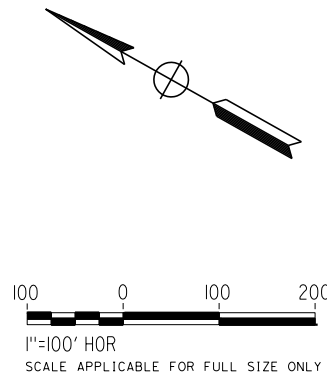
CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4083
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1\BP-UT-C4084.dgn

OIC: Adodge 11/7/2017 2:32:11 PM



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kv	SCE TRANS	PROTECT IN PLACE
2	OH POWER	69kv	SCE TRANS	PROTECT IN PLACE
3	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
4	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
5	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
6	FIRE WATER	4"	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

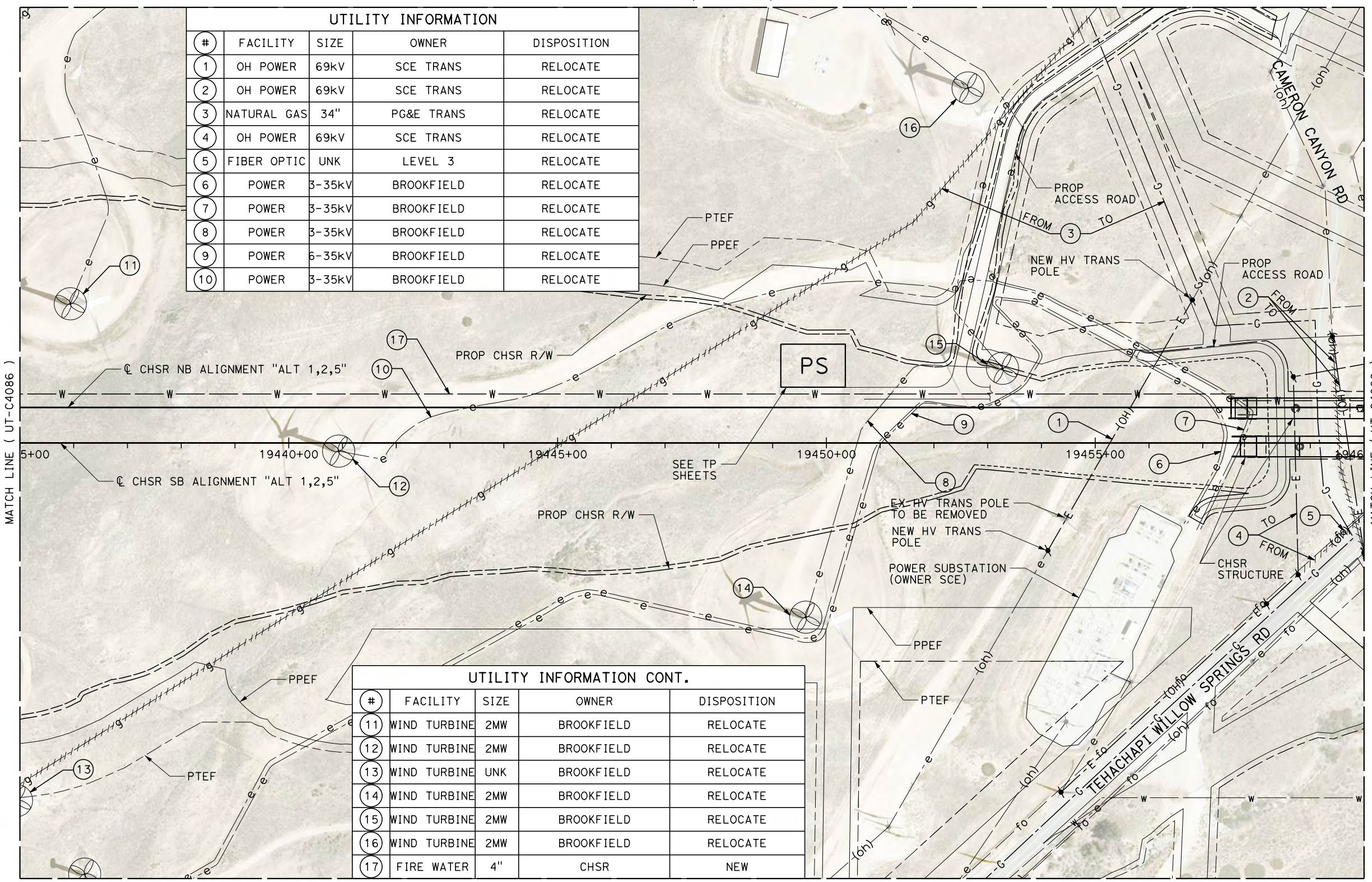
ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19360+00 TO 19385+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4084
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4087.dgn

OIC: Adodge 11/7/2017 2:53:36 PM

MATCH LINE (UT-C4267)



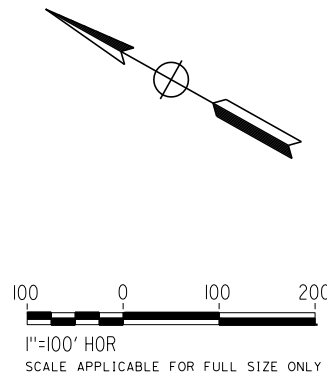
UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	RELOCATE
2	OH POWER	69kV	SCE TRANS	RELOCATE
3	NATURAL GAS	34"	PG&E TRANS	RELOCATE
4	OH POWER	69kV	SCE TRANS	RELOCATE
5	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
6	POWER	3-35kV	BROOKFIELD	RELOCATE
7	POWER	3-35kV	BROOKFIELD	RELOCATE
8	POWER	3-35kV	BROOKFIELD	RELOCATE
9	POWER	6-35kV	BROOKFIELD	RELOCATE
10	POWER	3-35kV	BROOKFIELD	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
11	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
12	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
13	WIND TURBINE	UNK	BROOKFIELD	RELOCATE
14	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
15	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
16	WIND TURBINE	2MW	BROOKFIELD	RELOCATE
17	FIRE WATER	4"	CHSR	NEW

MATCH LINE (UT-C4268)

MATCH LINE (UT-C4086)

MATCH LINE (UT-C4088)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



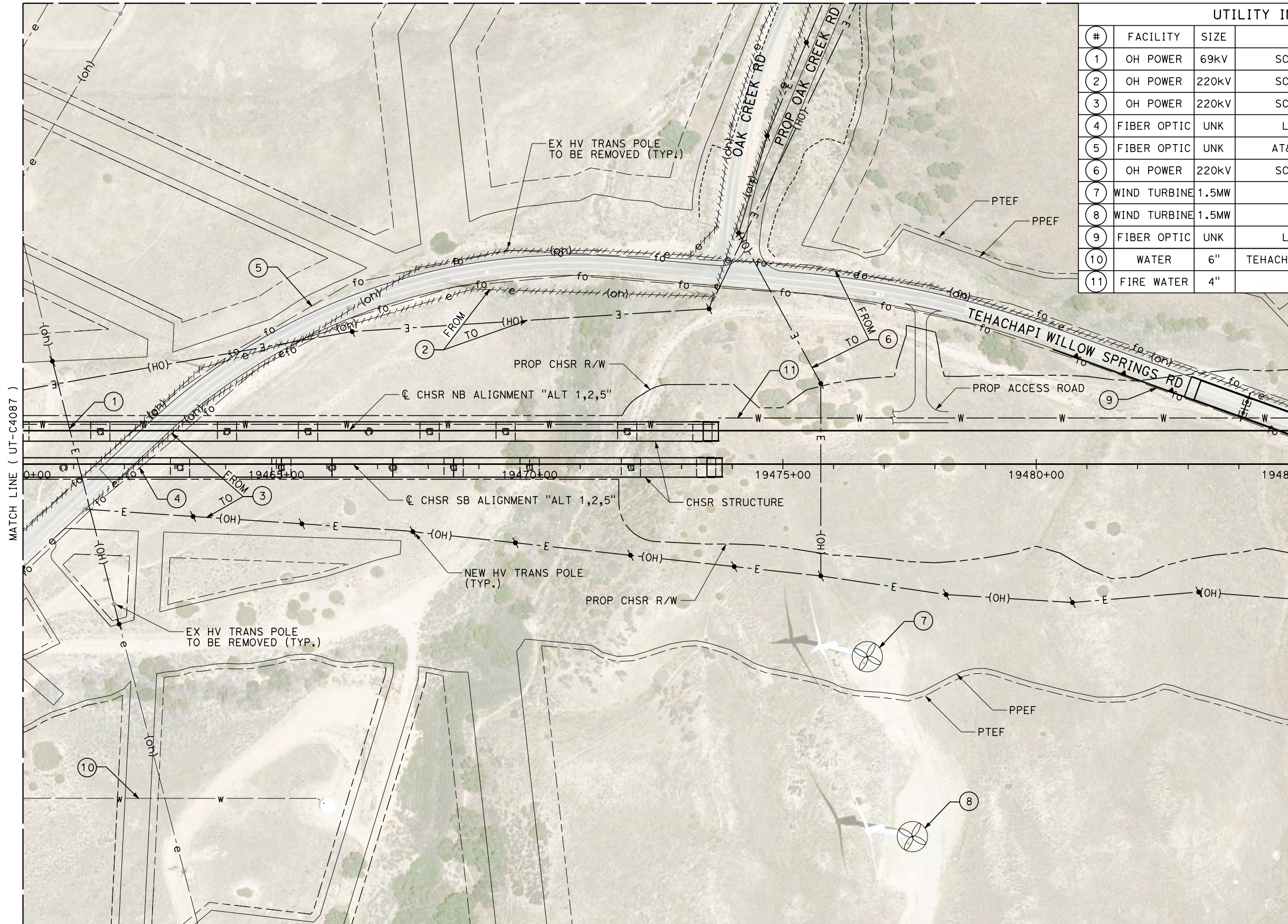
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19435+00 TO 19460+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4087
SCALE
AS SHOWN
SHEET NO.

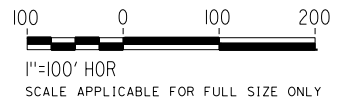
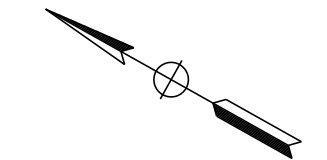
MATCH LINE (UT-C4159)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	RELOCATE
2	OH POWER	220kV	SCE TRANS	RELOCATE
3	OH POWER	220kV	SCE TRANS	RELOCATE
4	FIBER OPTIC	UNK	LEVEL 3	PROTECT IN PLACE
5	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
6	OH POWER	220kV	SCE TRANS	RELOCATE
7	WIND TURBINE	1.5MW	NRG	RELOCATE
8	WIND TURBINE	1.5MW	NRG	RELOCATE
9	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
10	WATER	6"	TEHACHAPI CUMMINGS	PROTECT IN PLACE
11	FIRE WATER	4"	CHSR	NEW



MATCH LINE (UT-C4087)

MATCH LINE (UT-C4089)



11/7/2017 2:32:55 PM
 Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP_UT-C4088.dgn
 OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

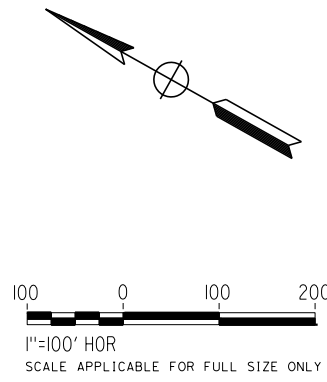
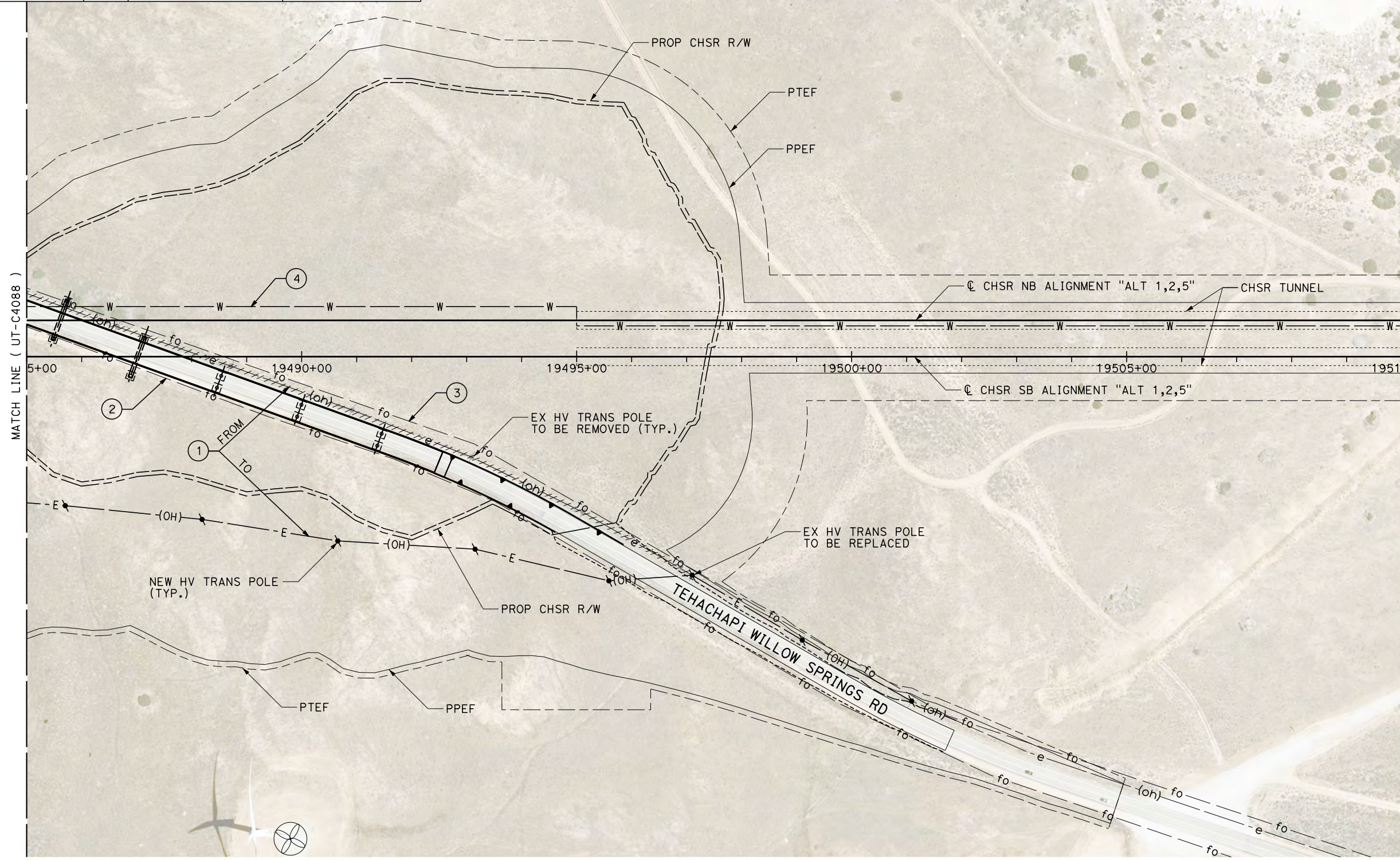


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

 ALTERNATIVE 1,2,5
 COMPOSITE UTILITY PLAN
 STA 19460+00 TO 19485+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4088
 SCALE
AS SHOWN
 SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	RELOCATE
2	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
3	FIBER OPTIC	UNK	AT&T TRANS	RELOCATE
4	FIRE WATER	4"	CHSR	NEW



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4089.dgn 11/7/2017 2:32:42 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



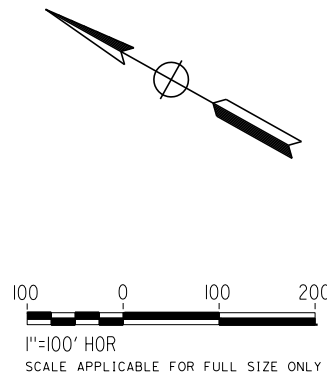
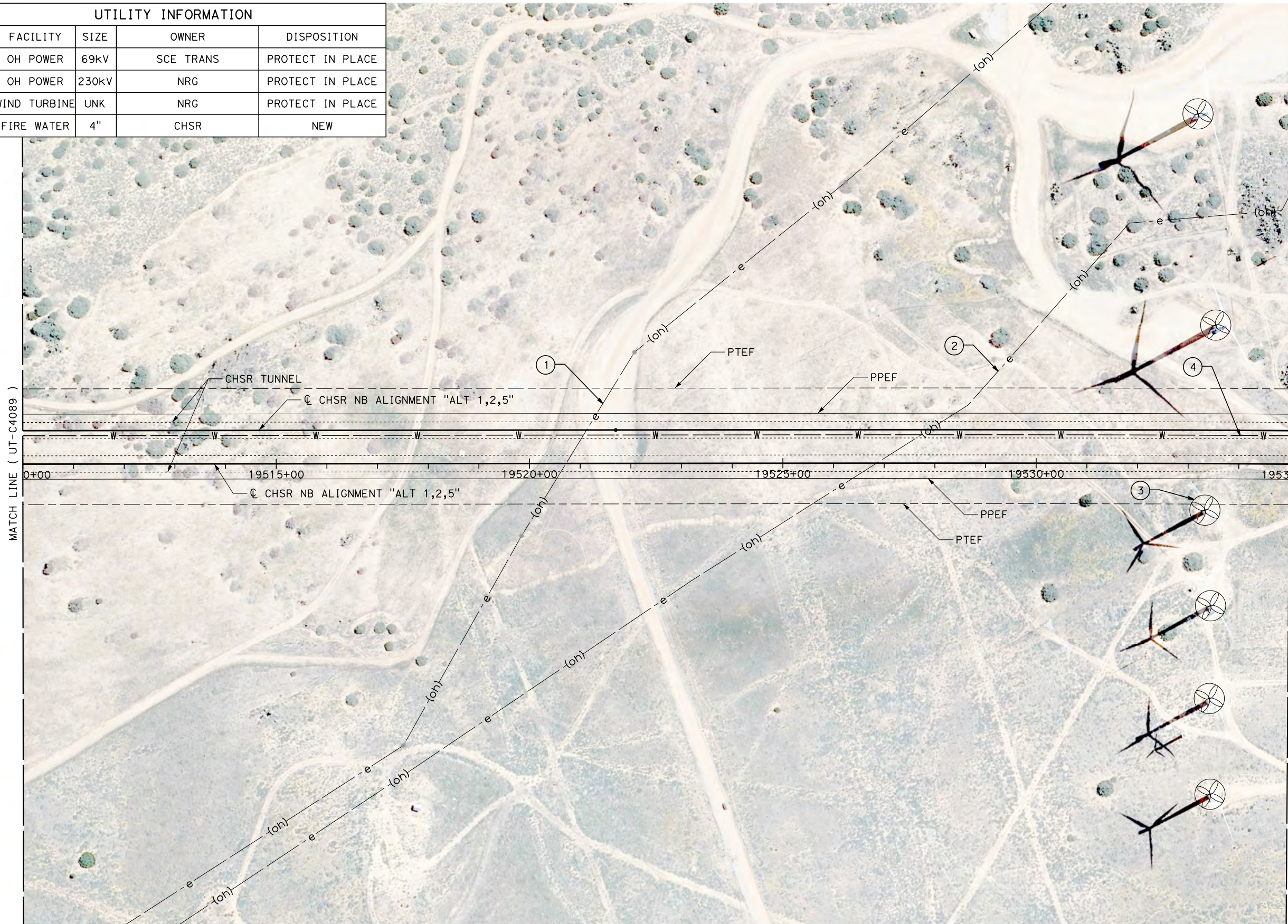
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19485+00 TO 19510+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4089
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP_UT-C4090.dgn
 11/7/2017 2:31:59 PM
 OIC:Adodge

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	PROTECT IN PLACE
2	OH POWER	230kV	NRG	PROTECT IN PLACE
3	WIND TURBINE	UNK	NRG	PROTECT IN PLACE
4	FIRE WATER	4"	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PECD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



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

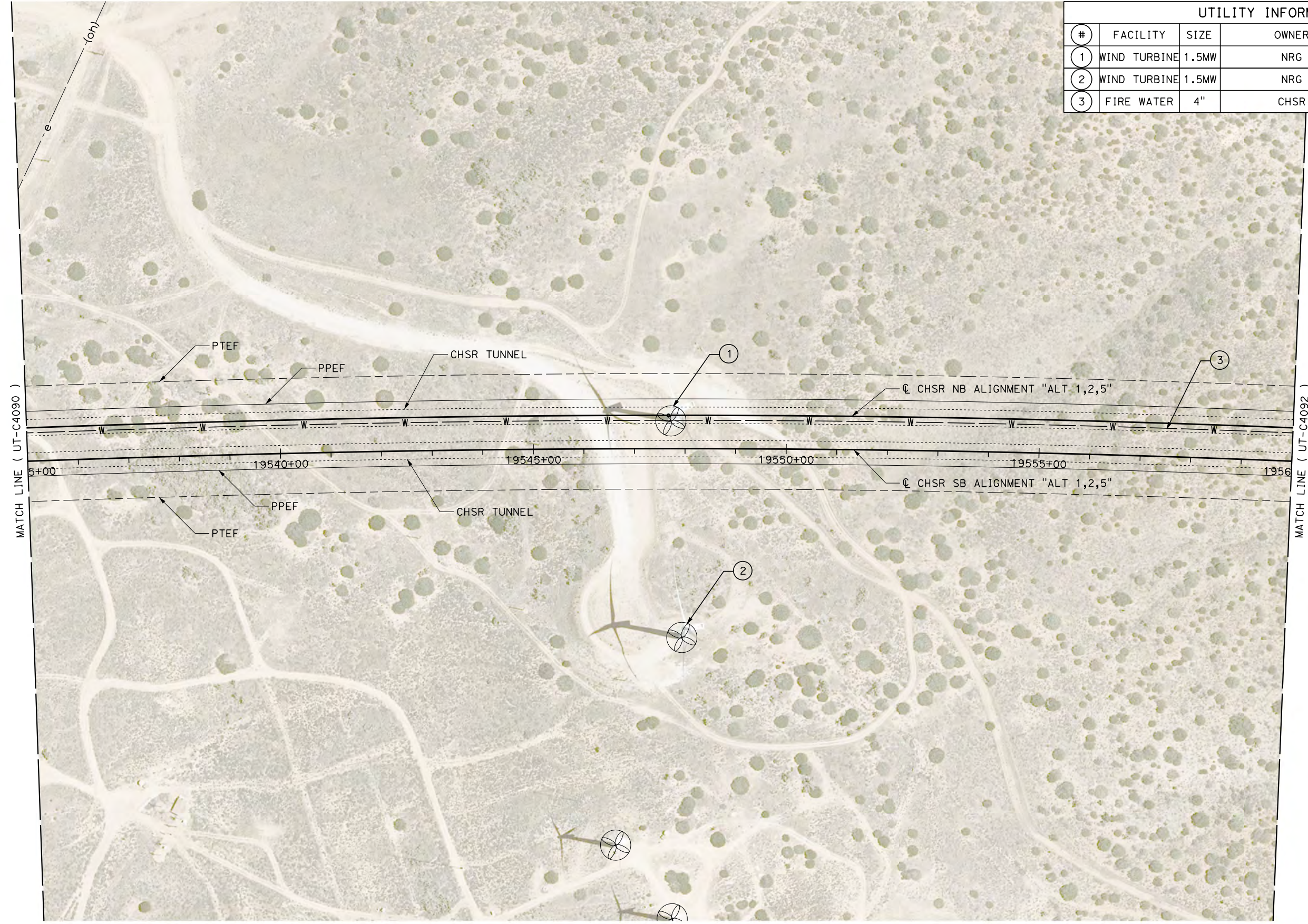
 ALTERNATIVE 1,2,5
 COMPOSITE UTILITY PLAN
 STA 19510+00 TO 19535+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4090
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4091.dgn

OIC:Adodge 11/7/2017 2:33:05 PM

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WIND TURBINE	1.5MW	NRG	PROTECT IN PLACE
2	WIND TURBINE	1.5MW	NRG	PROTECT IN PLACE
3	FIRE WATER	4"	CHSR	NEW



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

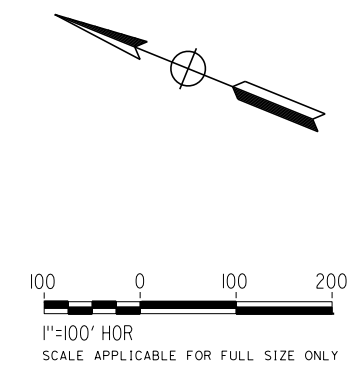
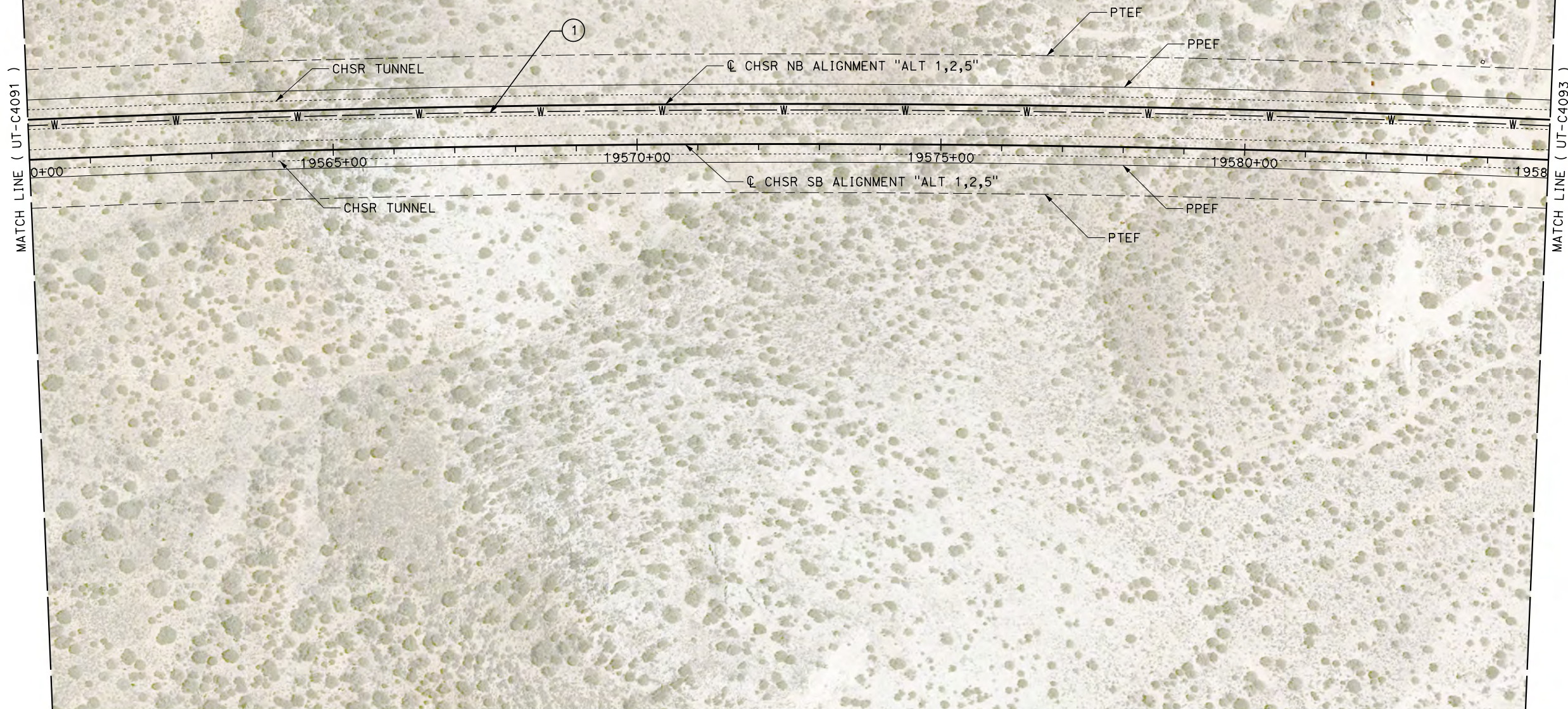


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19535+00 TO 19560+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4091
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1\BP-UT-C4092.dgn

11/7/2017 2:33:06 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19560+00 TO 19585+00

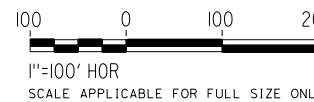
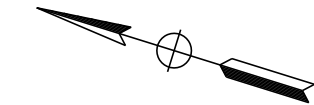
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4092

SCALE
AS SHOWN

SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIRE WATER	4"	CHSR	NEW



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1_NBP_UT-C4093.dgn

OIC:ADodge 11/7/2017 2:33:02 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19585+00 TO 19610+00

CONTRACT NO.
HSR13-44

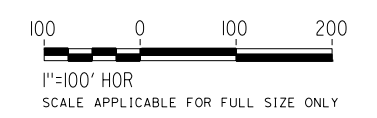
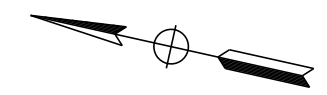
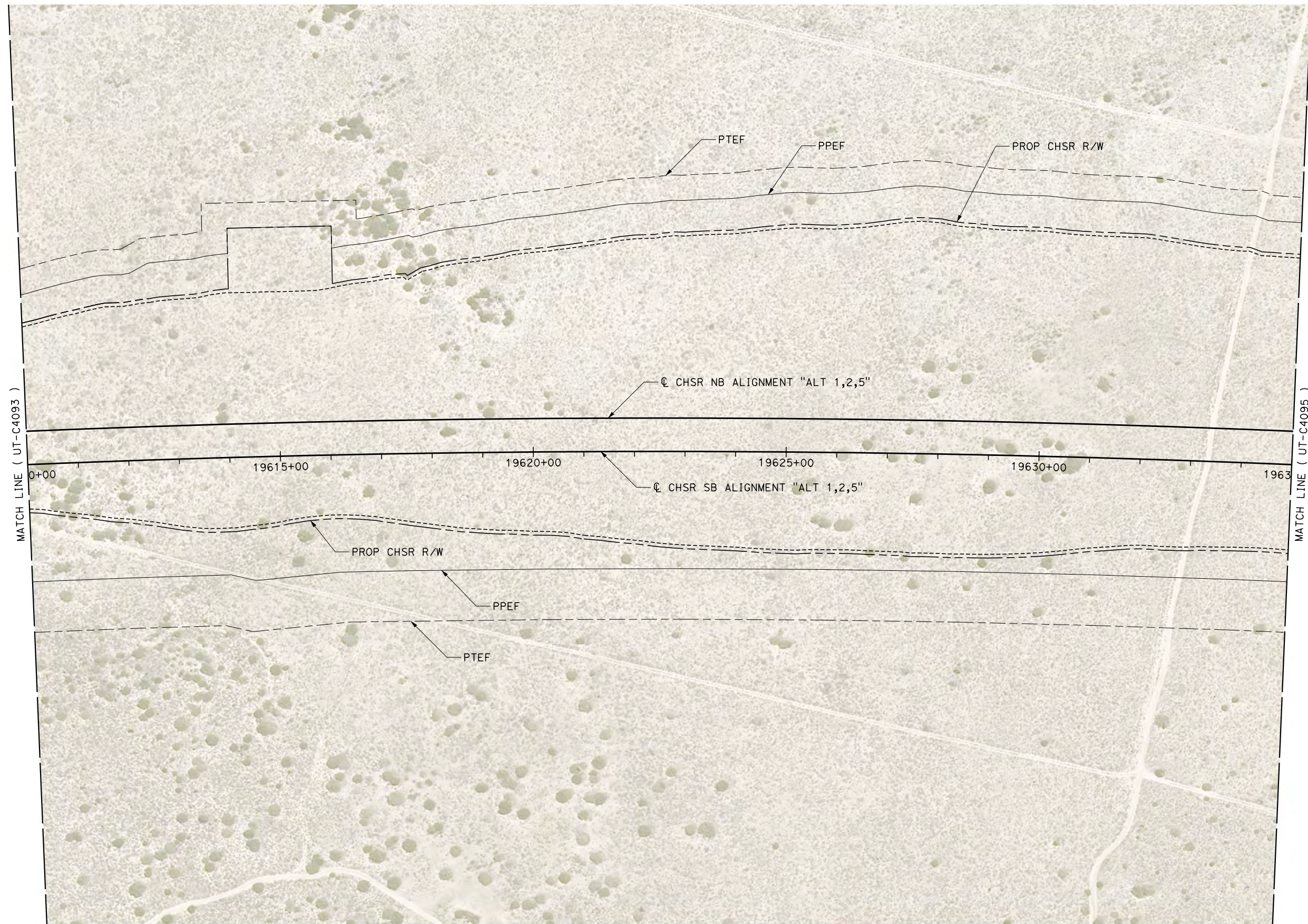
DRAWING NO.
UT-C4093

SCALE
AS SHOWN

SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1\BP-UT-C4094.dgn

OIC:Adodge 11/7/2017 2:33:56 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



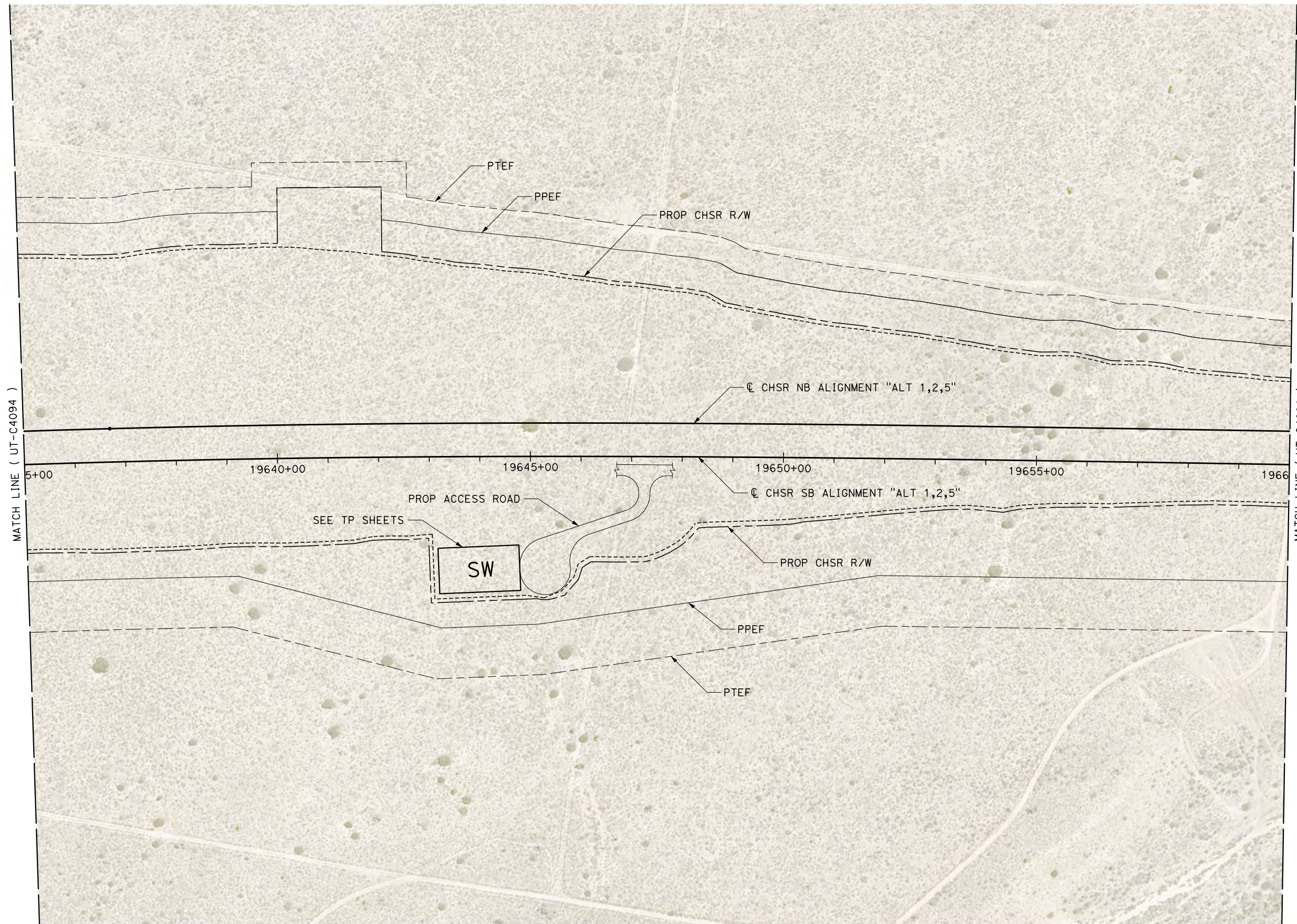
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19610+00 TO 19635+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4094
SCALE
AS SHOWN
SHEET NO.

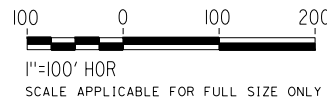
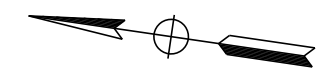
Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4095.dgn

OIC:ADodge 11/7/2017 2:33:01 PM



MATCH LINE (UT-C4094)

MATCH LINE (UT-C4096)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

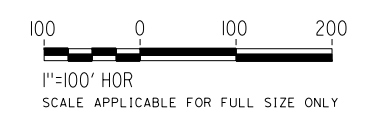
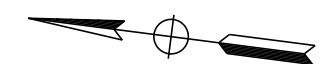
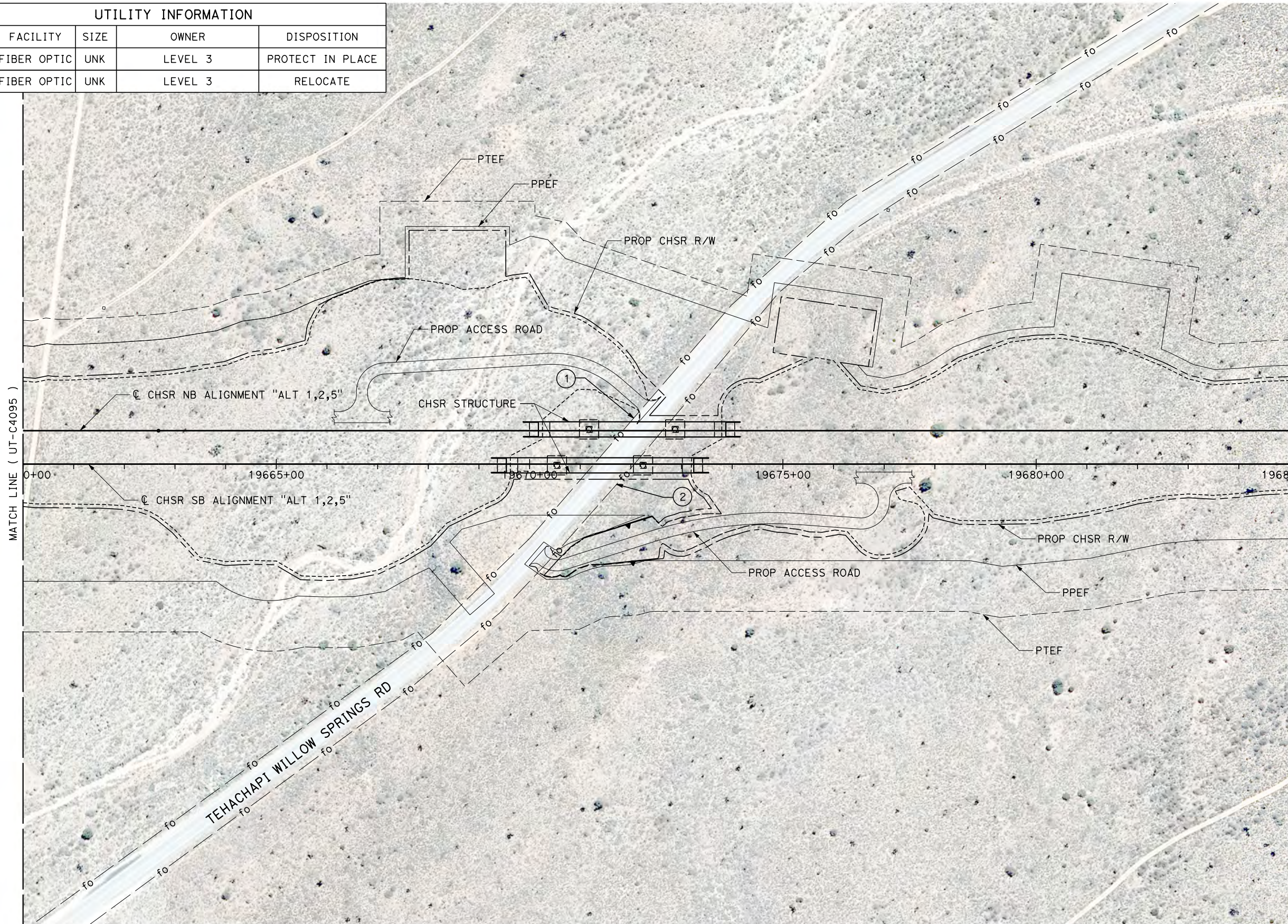


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19635+00 TO 19660+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4095
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	PROTECT IN PLACE
2	FIBER OPTIC	UNK	LEVEL 3	RELOCATE



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4096.dgn 11/7/2017 2:41:00 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19660+00 TO 19685+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4096

SCALE
AS SHOWN

SHEET NO.

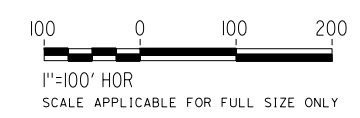
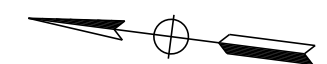
Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1\BP_UT-C4097.dgn

OIC:Adodge 11/7/2017 2:43:44 PM



MATCH LINE (UT-C4096)

MATCH LINE (UT-C4098)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19685+00 TO 19710+00

CONTRACT NO.
HSR13-44

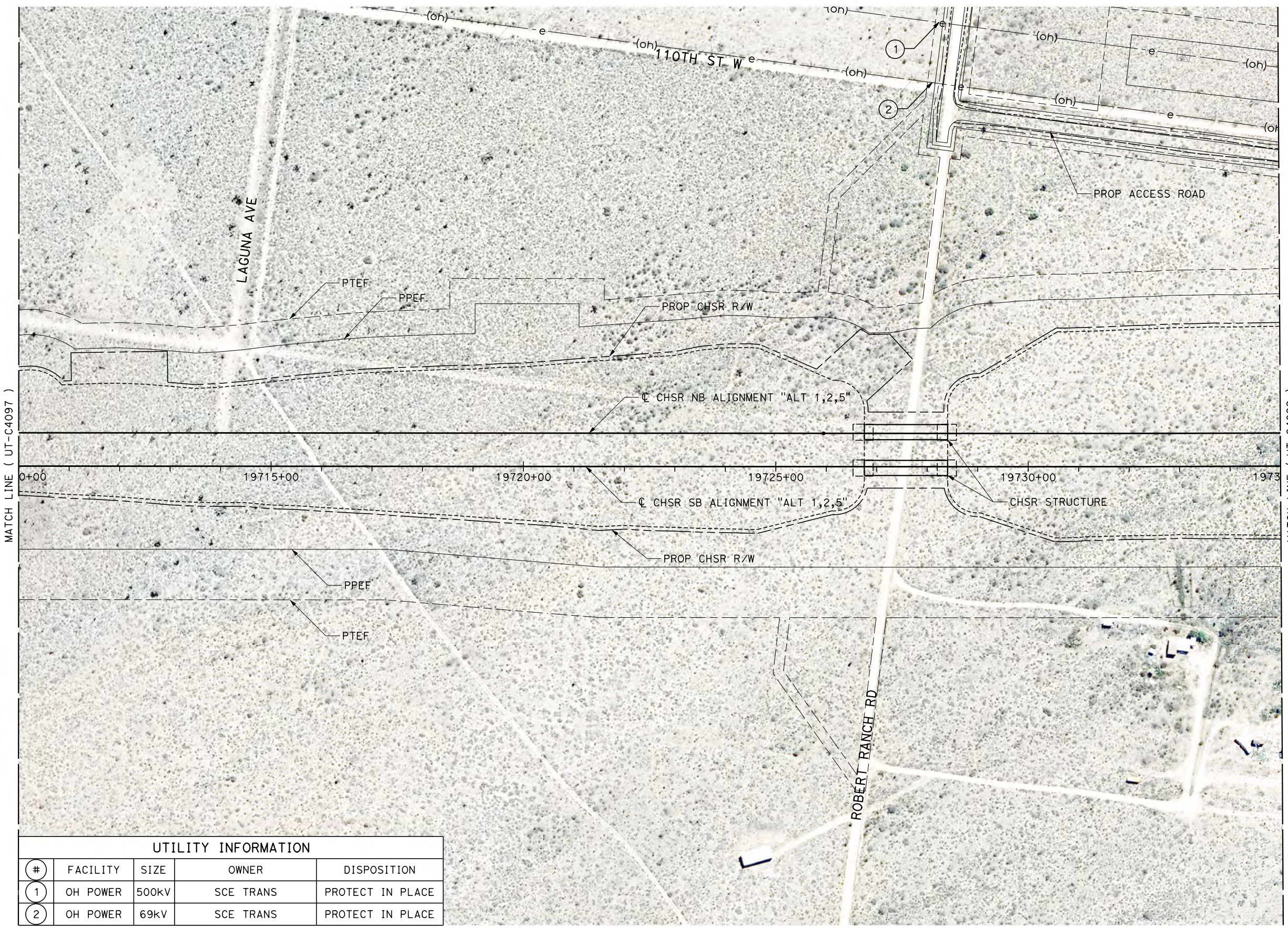
DRAWING NO.
UT-C4097

SCALE
AS SHOWN

SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4098.dgn

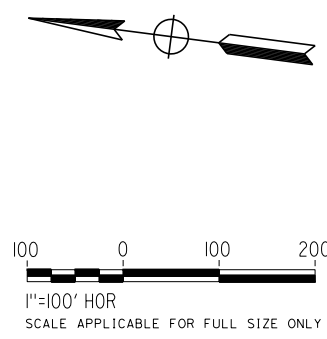
OIC:ADodge 11/7/2017 2:43:07 PM



MATCH LINE (UT-C4097)

MATCH LINE (UT-C4099)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	500kV	SCE TRANS	PROTECT IN PLACE
2	OH POWER	69kV	SCE TRANS	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19710+00 TO 19735+00

CONTRACT NO.
HSR13-44

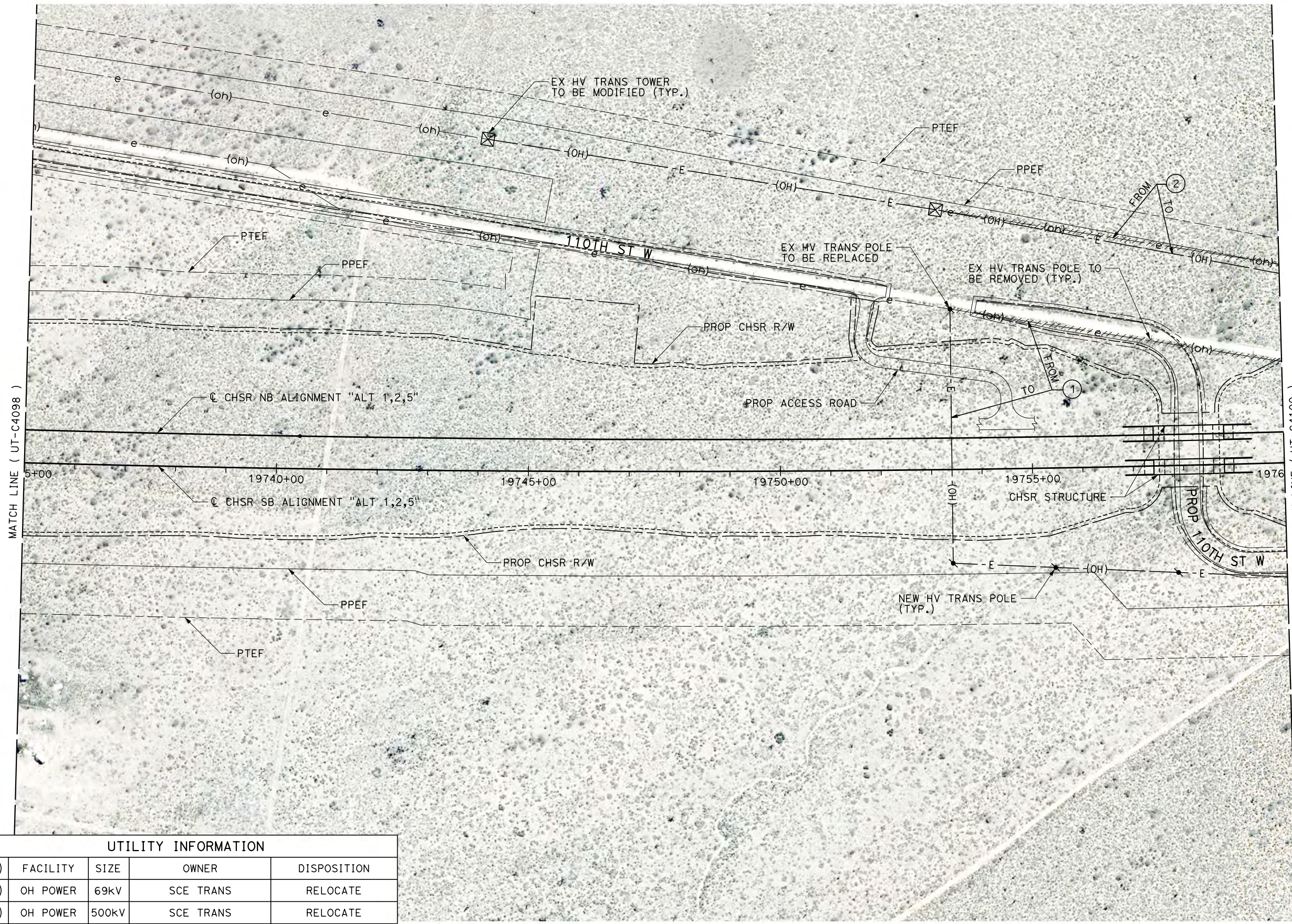
DRAWING NO.
UT-C4098

SCALE
AS SHOWN

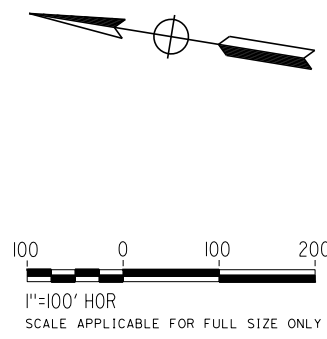
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4099.dgn

OIC:Adodge 11/7/2017 3:40:51 PM



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	RELOCATE
2	OH POWER	500kV	SCE TRANS	RELOCATE

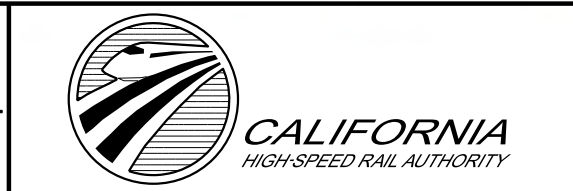


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19735+00 TO 19760+00

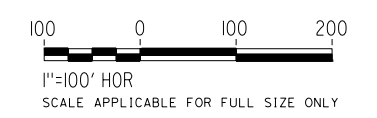
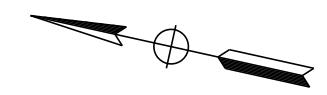
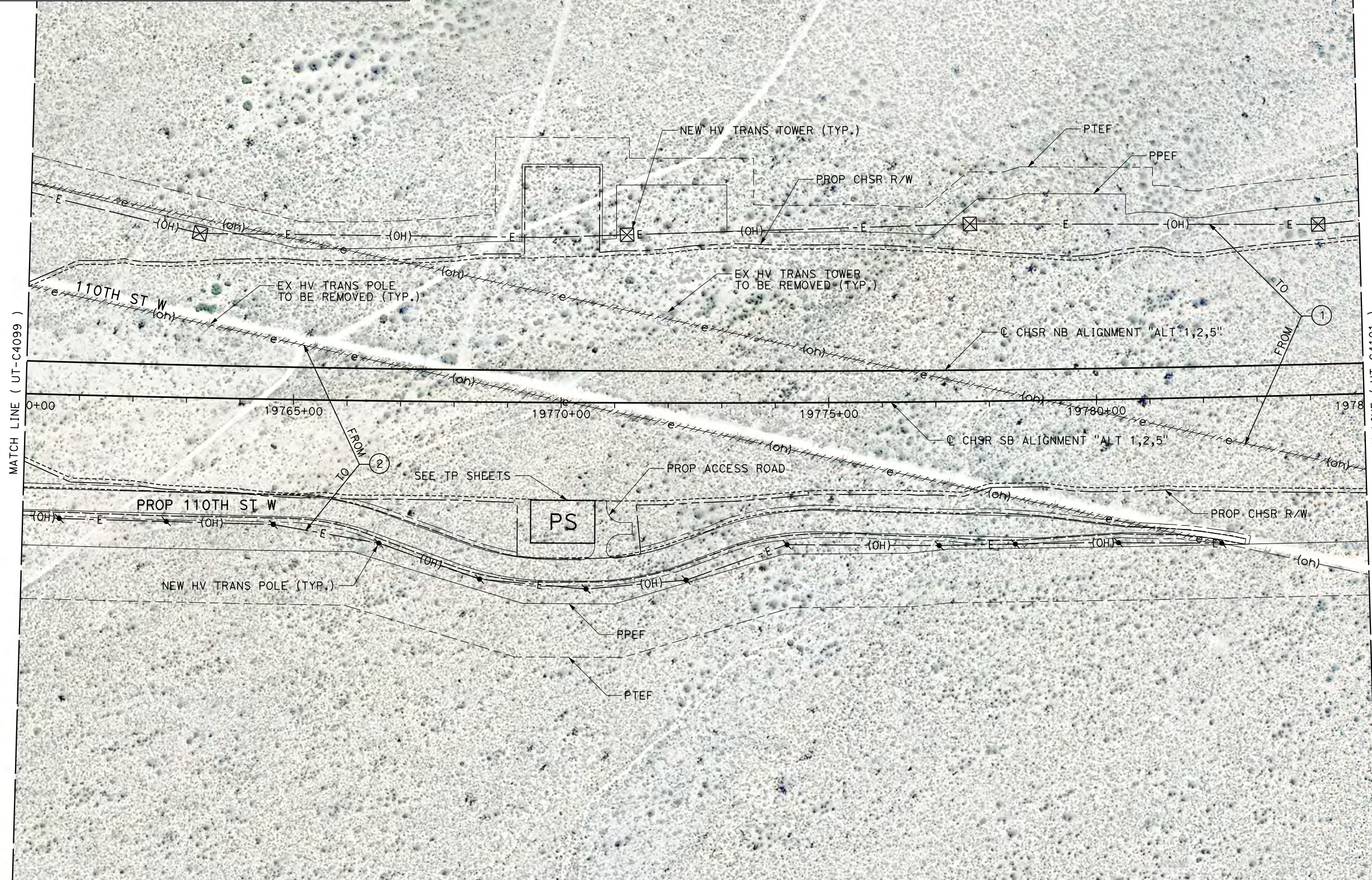
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4099

SCALE
AS SHOWN

SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	500kV	SCE TRANS	RELOCATE
2	OH POWER	69kV	SCE TRANS	RELOCATE



Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP_UT-C4100.dgn 11/7/2017 2:43:07 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19760+00 TO 19785+00

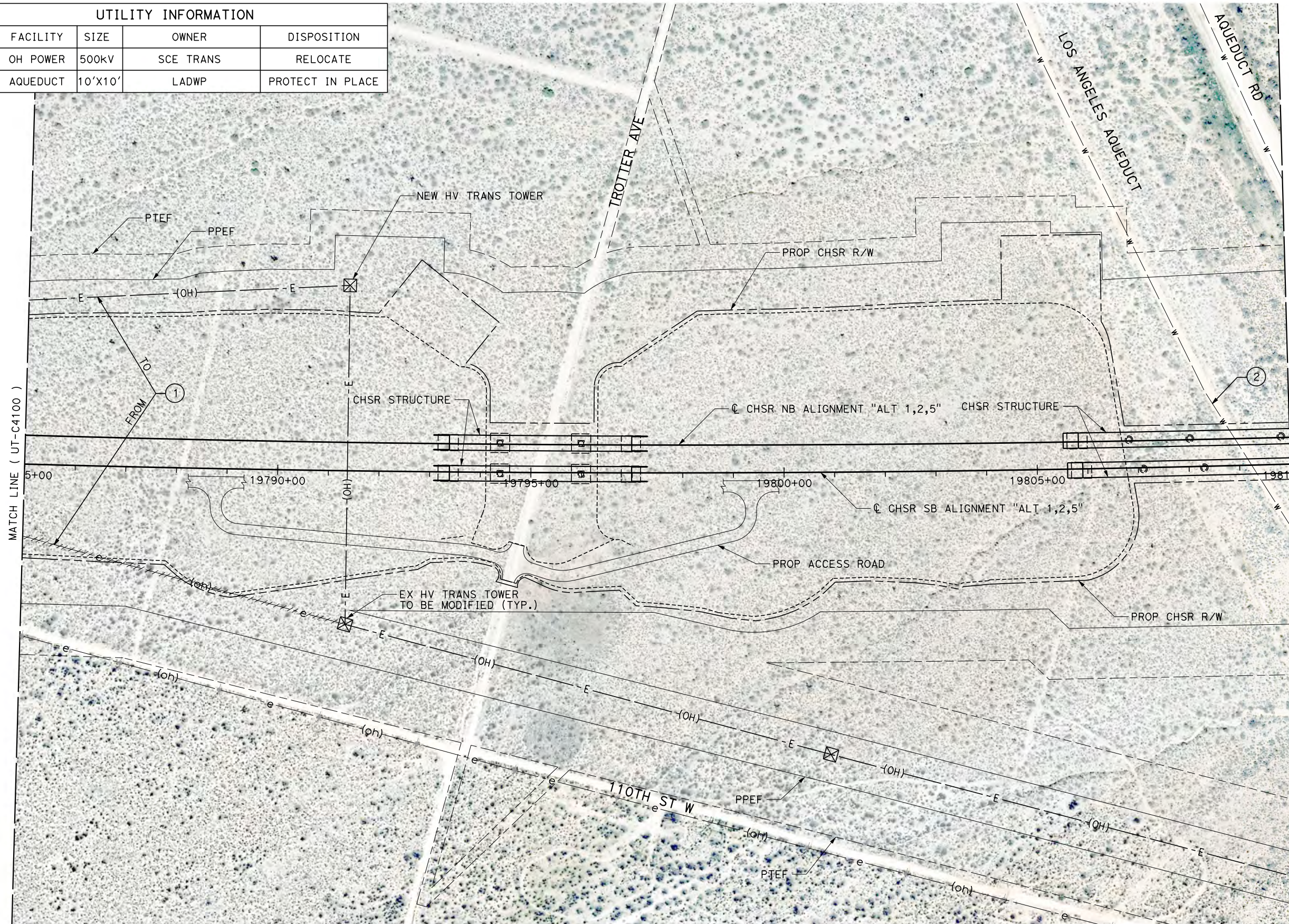
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4100

SCALE
AS SHOWN

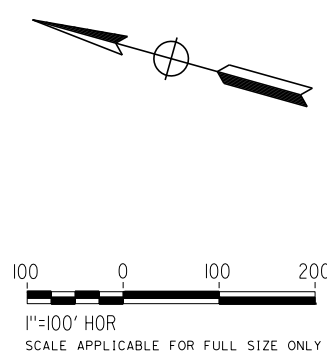
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	500KV	SCE TRANS	RELOCATE
2	AQUEDUCT	10'X10'	LADWP	PROTECT IN PLACE



MATCH LINE (UT-C4100)

MATCH LINE (UT-C4102)



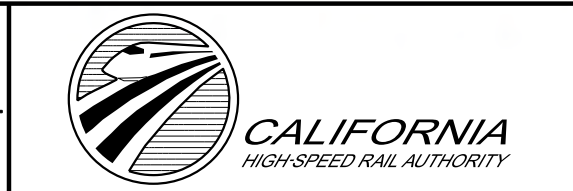
Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4101.dgn 11/7/2017 2:43:52 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

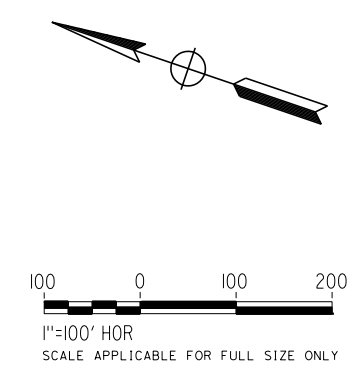
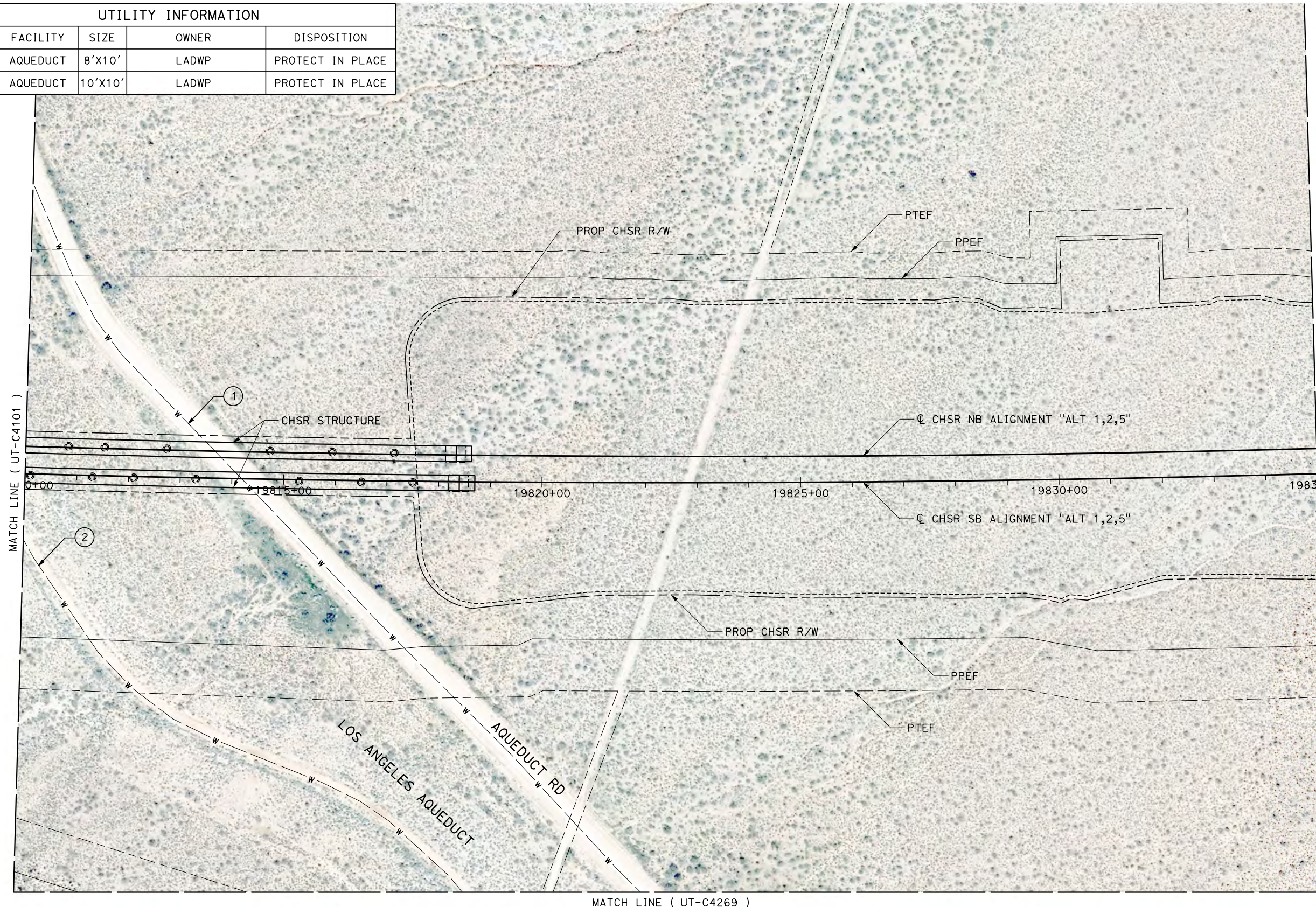


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19785+00 TO 19810+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4101
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	AQUEDUCT	8'X10'	LADWP	PROTECT IN PLACE
2	AQUEDUCT	10'X10'	LADWP	PROTECT IN PLACE



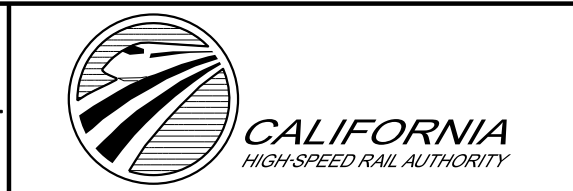
Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A\1\BP-UT-C4102.dgn
 11/7/2017 2:44:11 PM
 OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



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

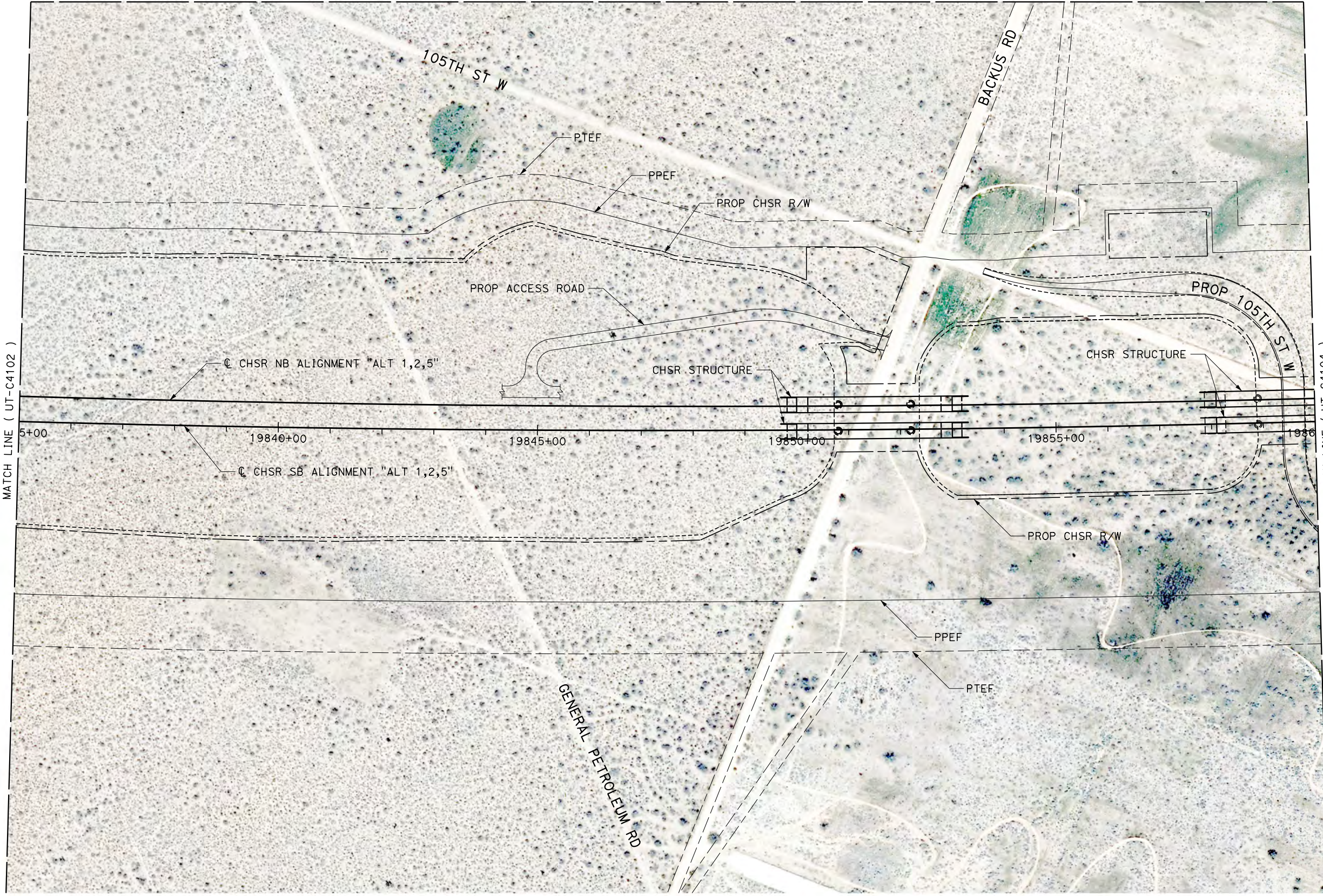
 ALTERNATIVE 1,2,5
 COMPOSITE UTILITY PLAN
 STA 19810+00 TO 19835+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4102
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1\BP-UT-C4103.dgn

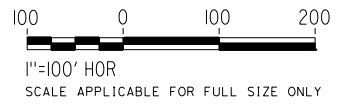
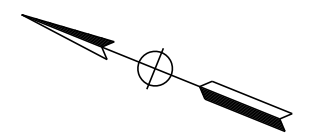
OIC:ADodge 11/7/2017 2:43:53 PM

MATCH LINE (UT-C4270)



MATCH LINE (UT-C4102)

MATCH LINE (UT-C4104)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

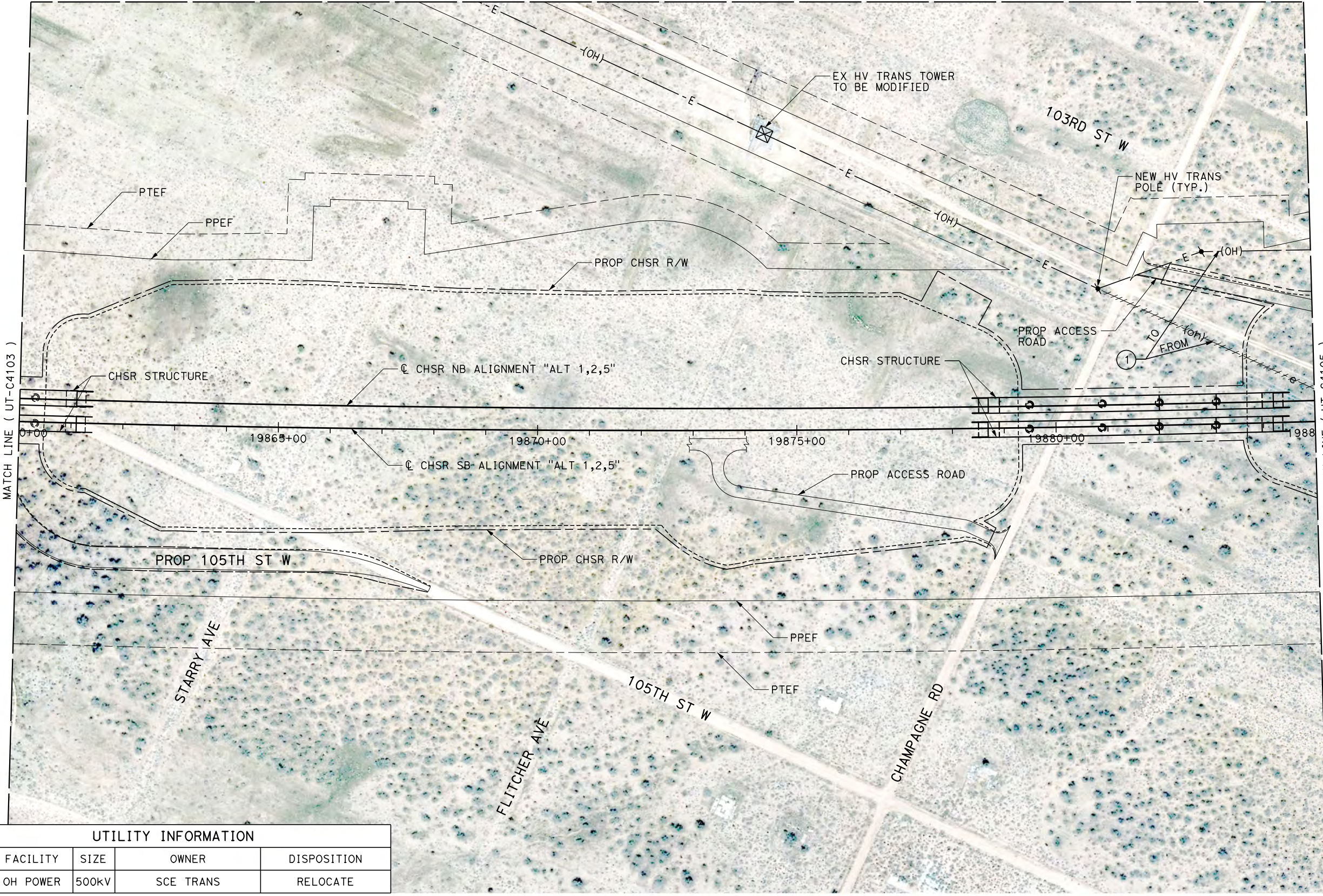
ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19835+00 TO 19860+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4103
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4104.dgn

OIC:Adodge 11/7/2017 2:47:50 PM

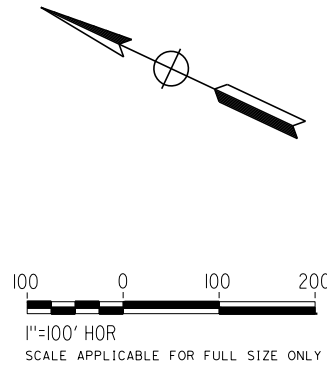
MATCH LINE (UT-C4271)



MATCH LINE (UT-C4103)

MATCH LINE (UT-C4105)

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	500kV	SCE TRANS	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19860+00 TO 19885+00

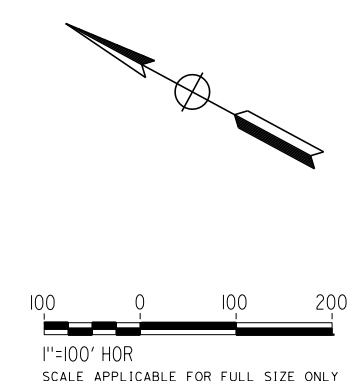
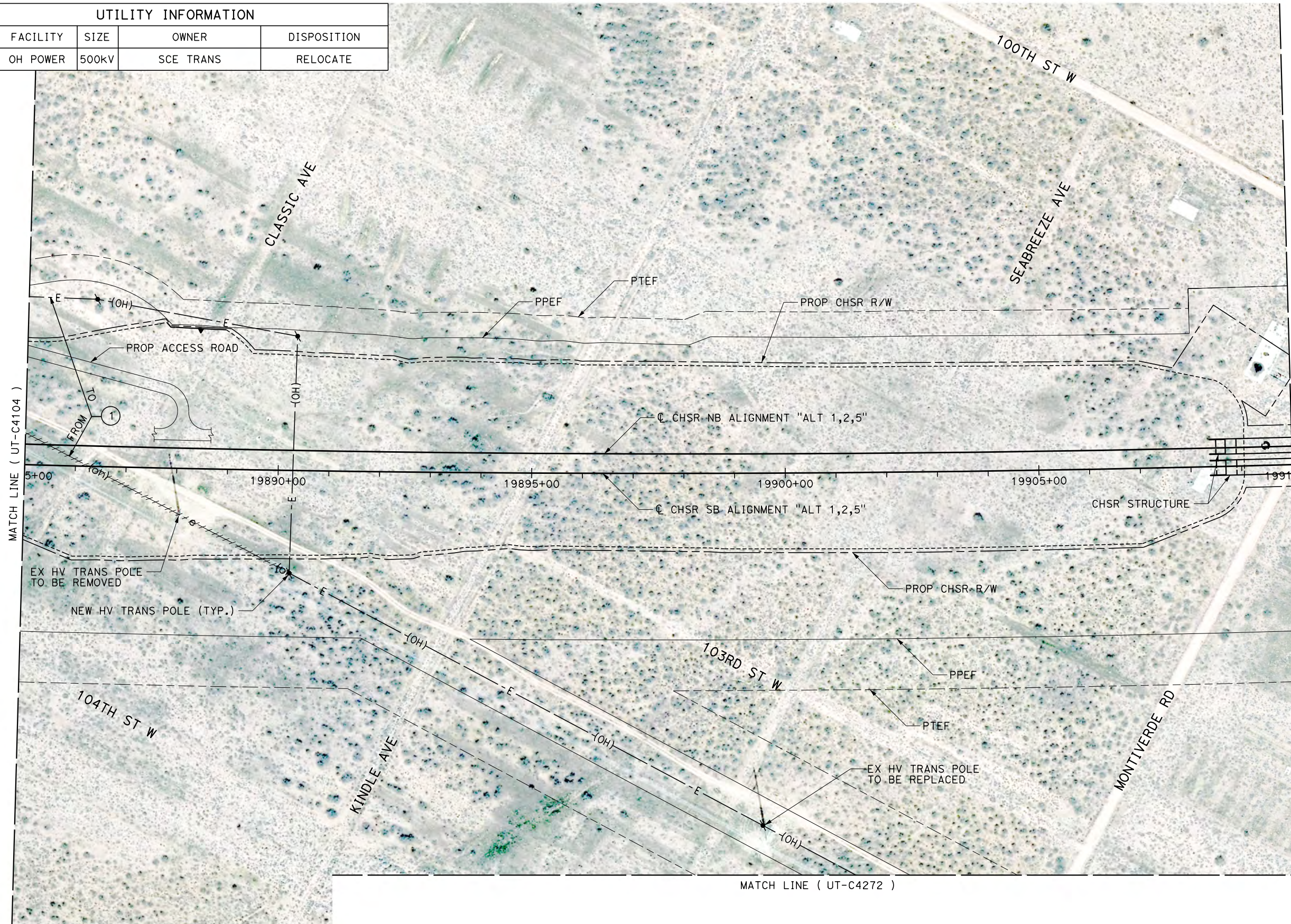
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4104

SCALE
AS SHOWN

SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	500KV	SCE TRANS	RELOCATE



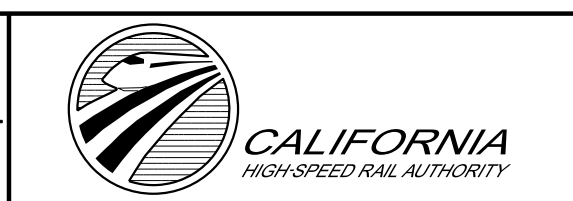
Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4105.dgn
 OIC:Adodge 11/7/2017 2:43:50 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



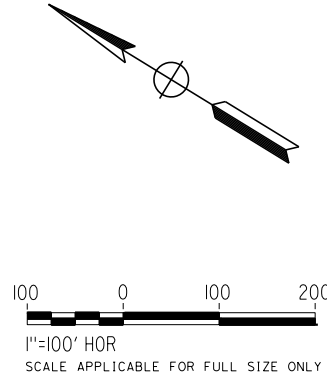
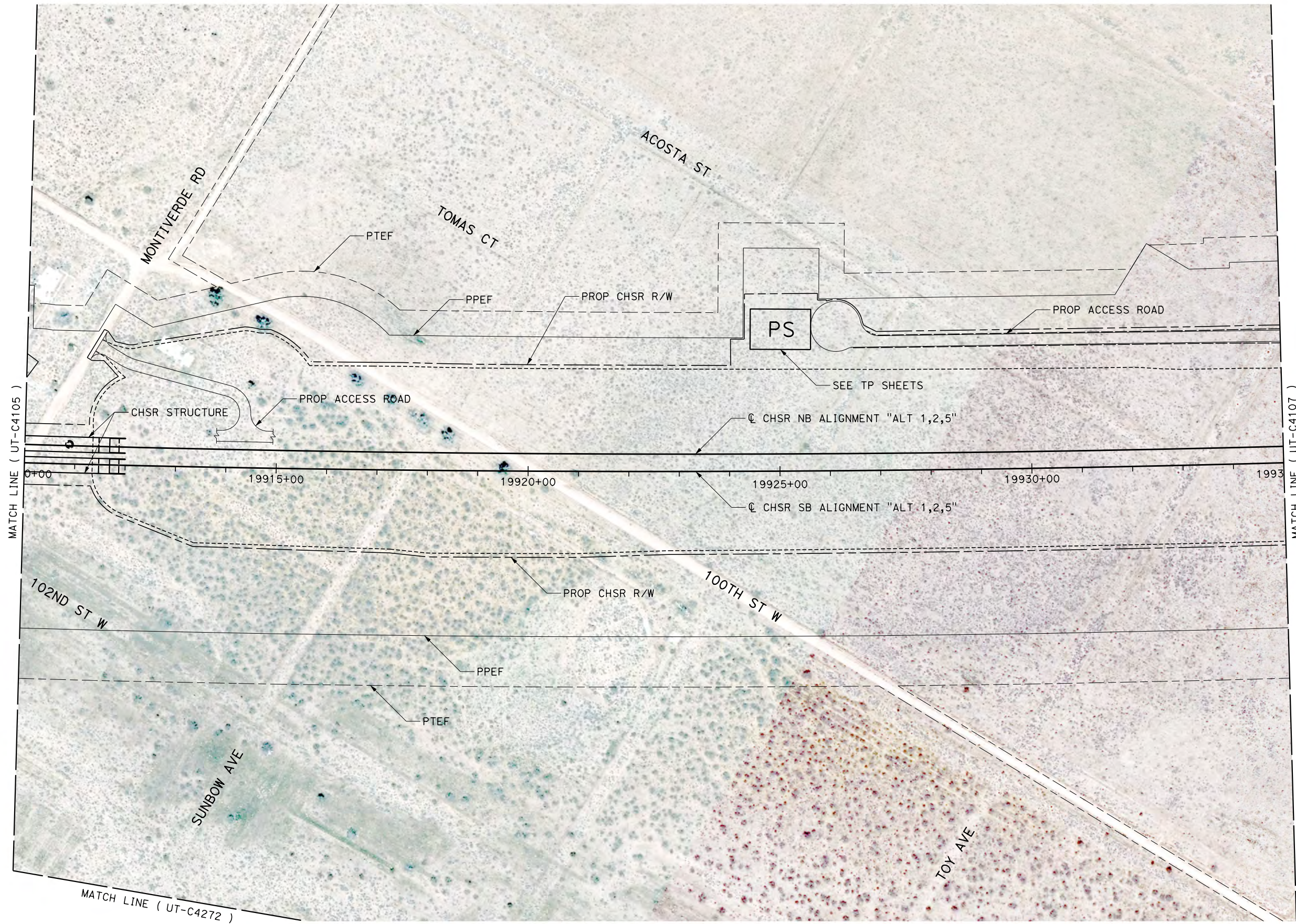
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**

 ALTERNATIVE 1,2,5
 COMPOSITE UTILITY PLAN
 STA 19885+00 TO 19910+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4105
 SCALE
AS SHOWN
 SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4106.dgn

OIC:ADodge 11/7/2017 2:44:09 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19910+00 TO 19935+00

CONTRACT NO.
HSR13-44

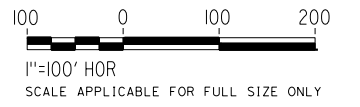
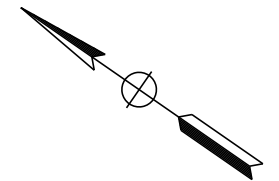
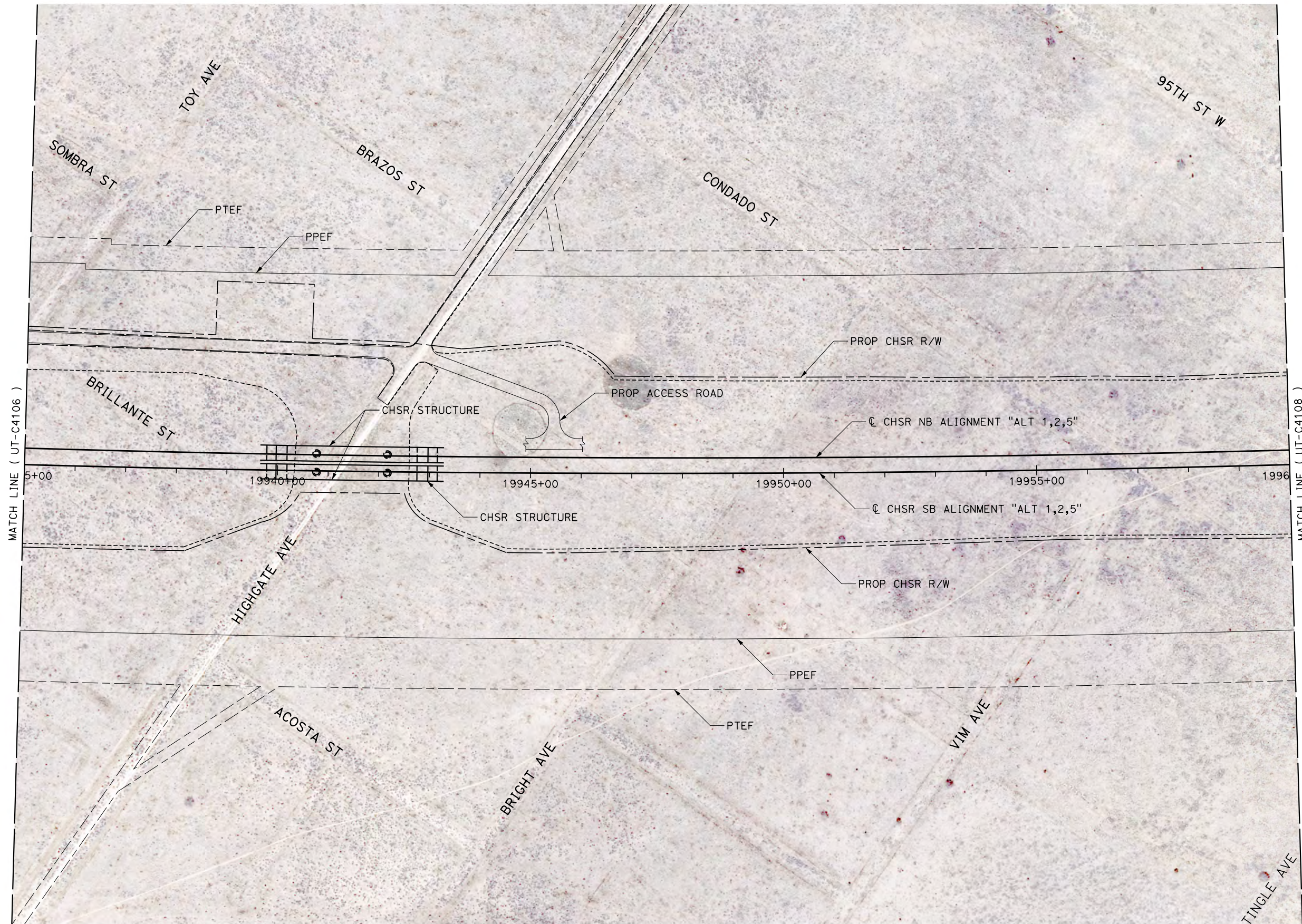
DRAWING NO.
UT-C4106

SCALE
AS SHOWN

SHEET NO.

Projects\701206\00_CHSRBP\00_CADD\Sheet Files\UT\A1\1\BP-UT-C4107.dgn

OIC:Adodge 11/7/2017 2:43:08 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

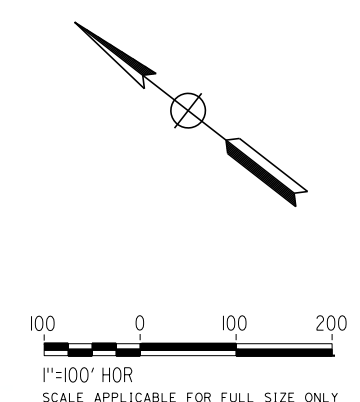
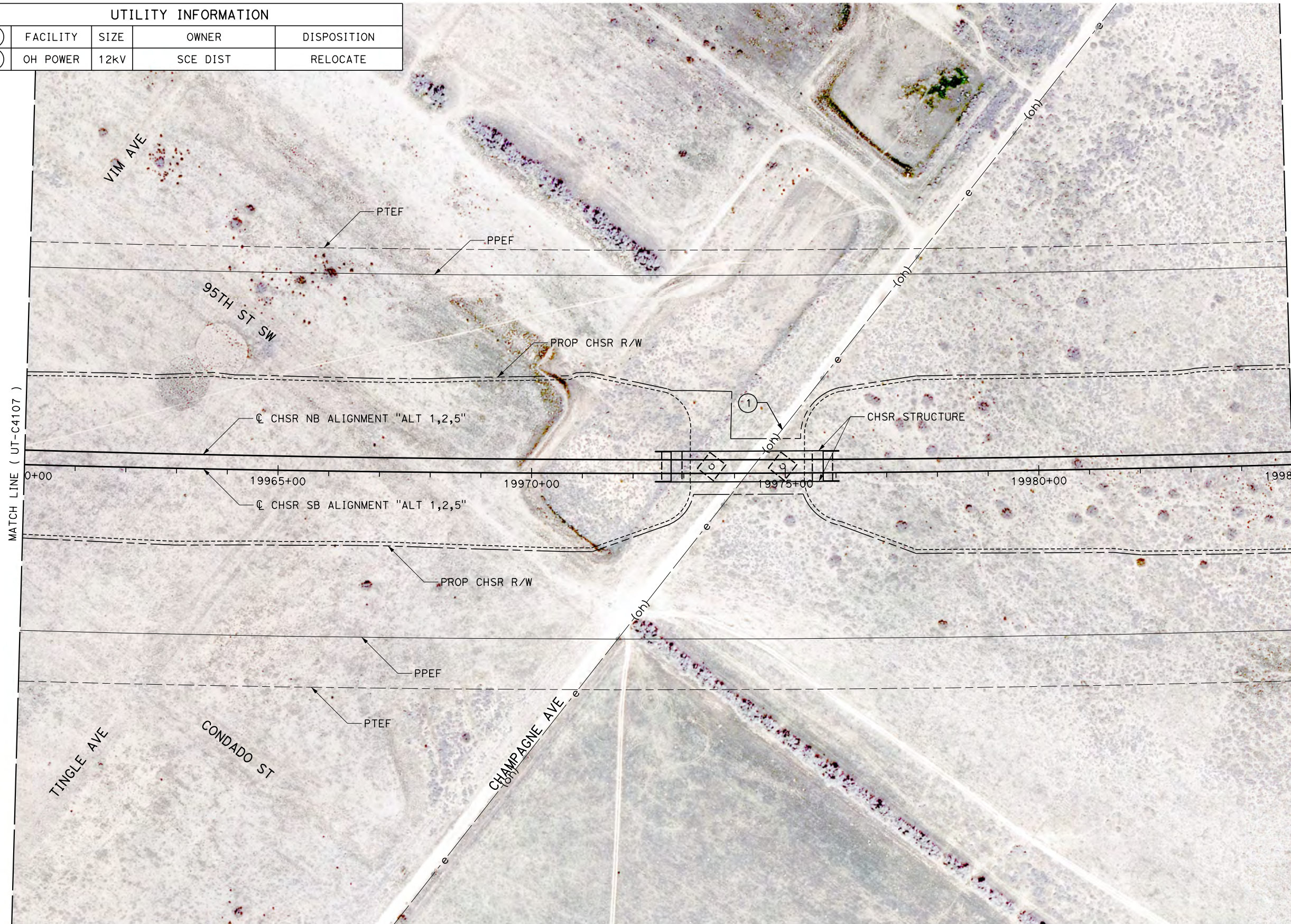


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19935+00 TO 19960+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4107
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	12KV	SCE DIST	RELOCATE



Projects\T01206\00_CHSRBP\00_CADD\Sheet Files\UT\A1\1\BP-UT-C4108.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

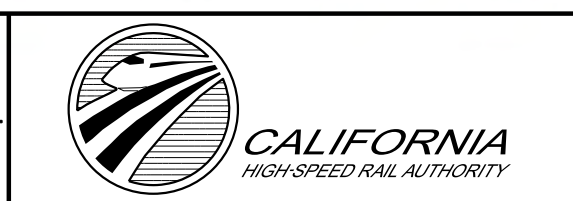
CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19960+00 TO 19985+00

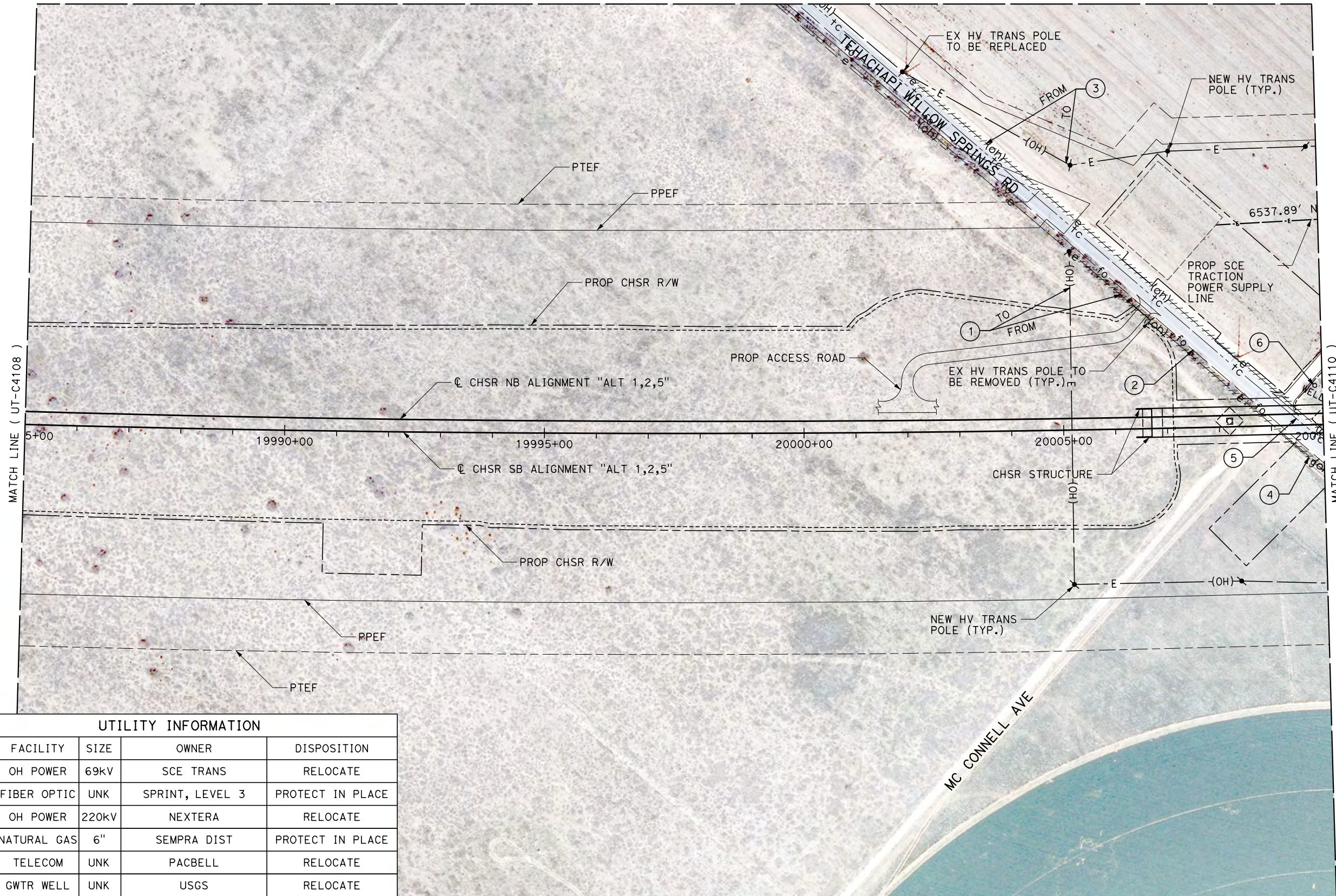
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4108

SCALE
AS SHOWN

SHEET NO.

MATCH LINE (UT-C4273)



UTILITY INFORMATION

#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69KV	SCE TRANS	RELOCATE
2	FIBER OPTIC	UNK	SPRINT, LEVEL 3	PROTECT IN PLACE
3	OH POWER	220KV	NEXTERA	RELOCATE
4	NATURAL GAS	6"	SEMPRA DIST	PROTECT IN PLACE
5	TELECOM	UNK	PACBELL	RELOCATE
6	GWTR WELL	UNK	USGS	RELOCATE

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4109.dgn

OIC:Adodge 11/7/2017 2:50:35 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

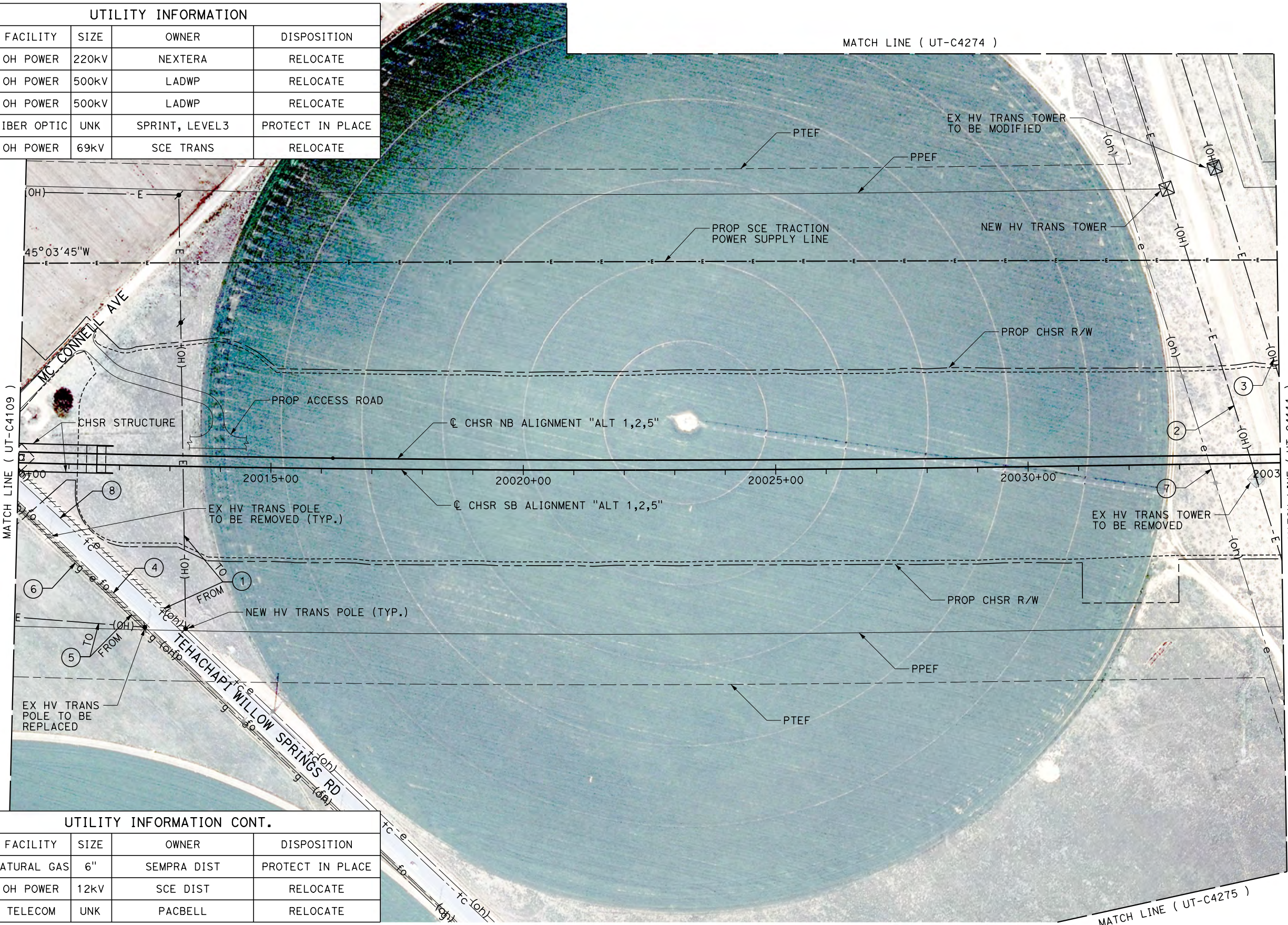


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19985+00 TO 20010+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4109
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	220KV	NEXTERA	RELOCATE
2	OH POWER	500KV	LADWP	RELOCATE
3	OH POWER	500KV	LADWP	RELOCATE
4	FIBER OPTIC	UNK	SPRINT, LEVEL3	PROTECT IN PLACE
5	OH POWER	69KV	SCE TRANS	RELOCATE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
6	NATURAL GAS	6"	SEMPRA DIST	PROTECT IN PLACE
7	OH POWER	12KV	SCE DIST	RELOCATE
8	TELECOM	UNK	PACBELL	RELOCATE

11/7/2017 2:46:12 PM
 OIC:Adodge
 Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4110.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



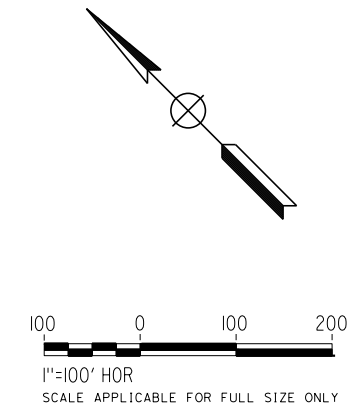
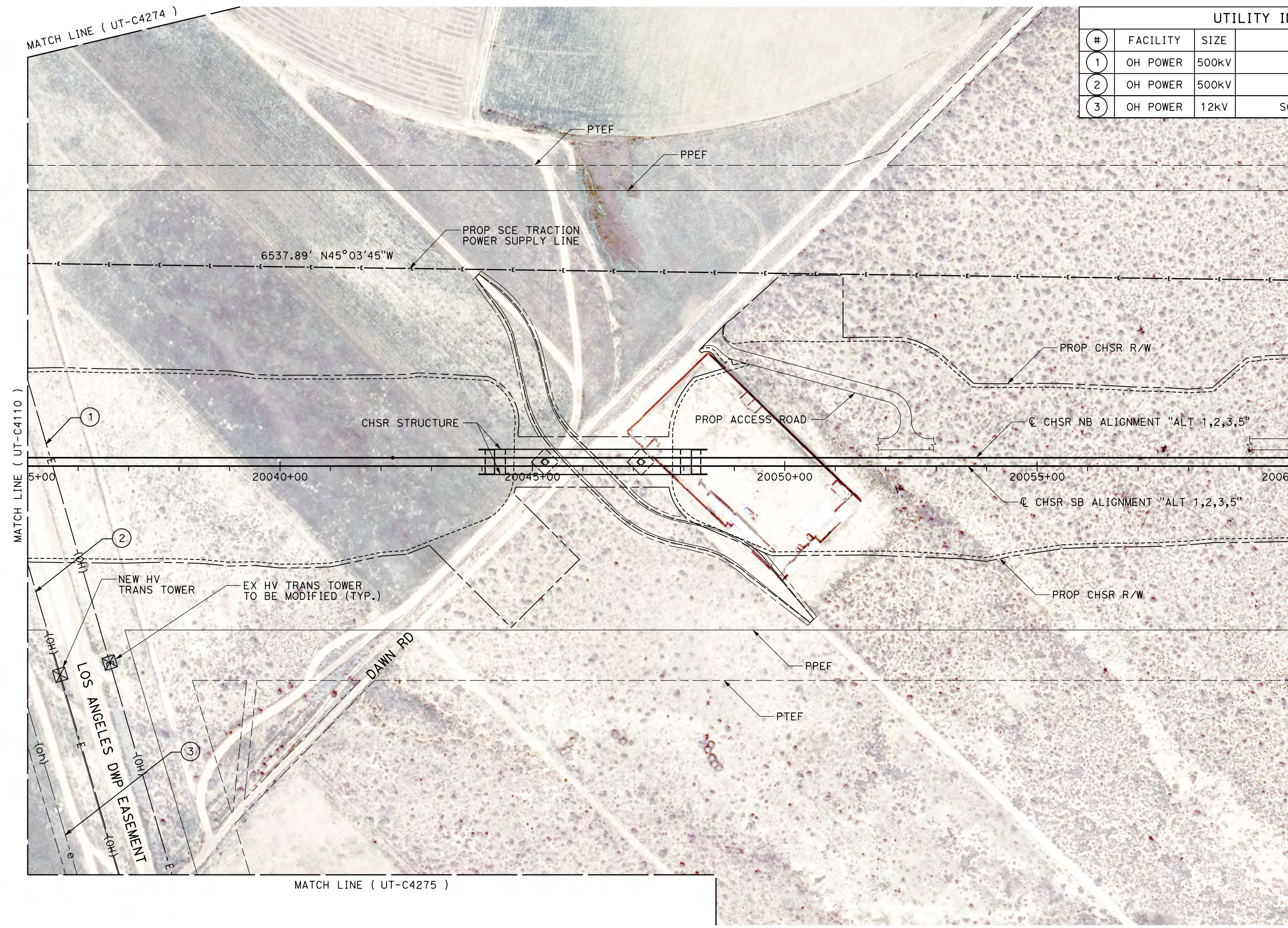
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

 ALTERNATIVE 1,2,5
 COMPOSITE UTILITY PLAN
 STA 20010+00 TO 20035+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4110
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4111.dgn
 11/7/2017 2:53:50 PM
 OIC:Adodge

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	500kV	LADWP	RELOCATE
2	OH POWER	500kV	LADWP	RELOCATE
3	OH POWER	12kV	SCE DIST	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

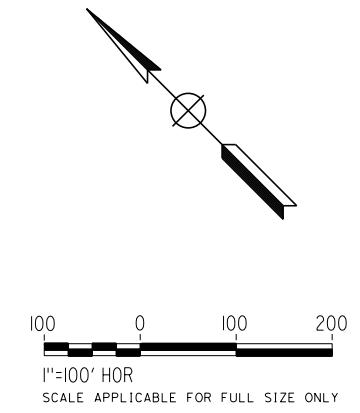
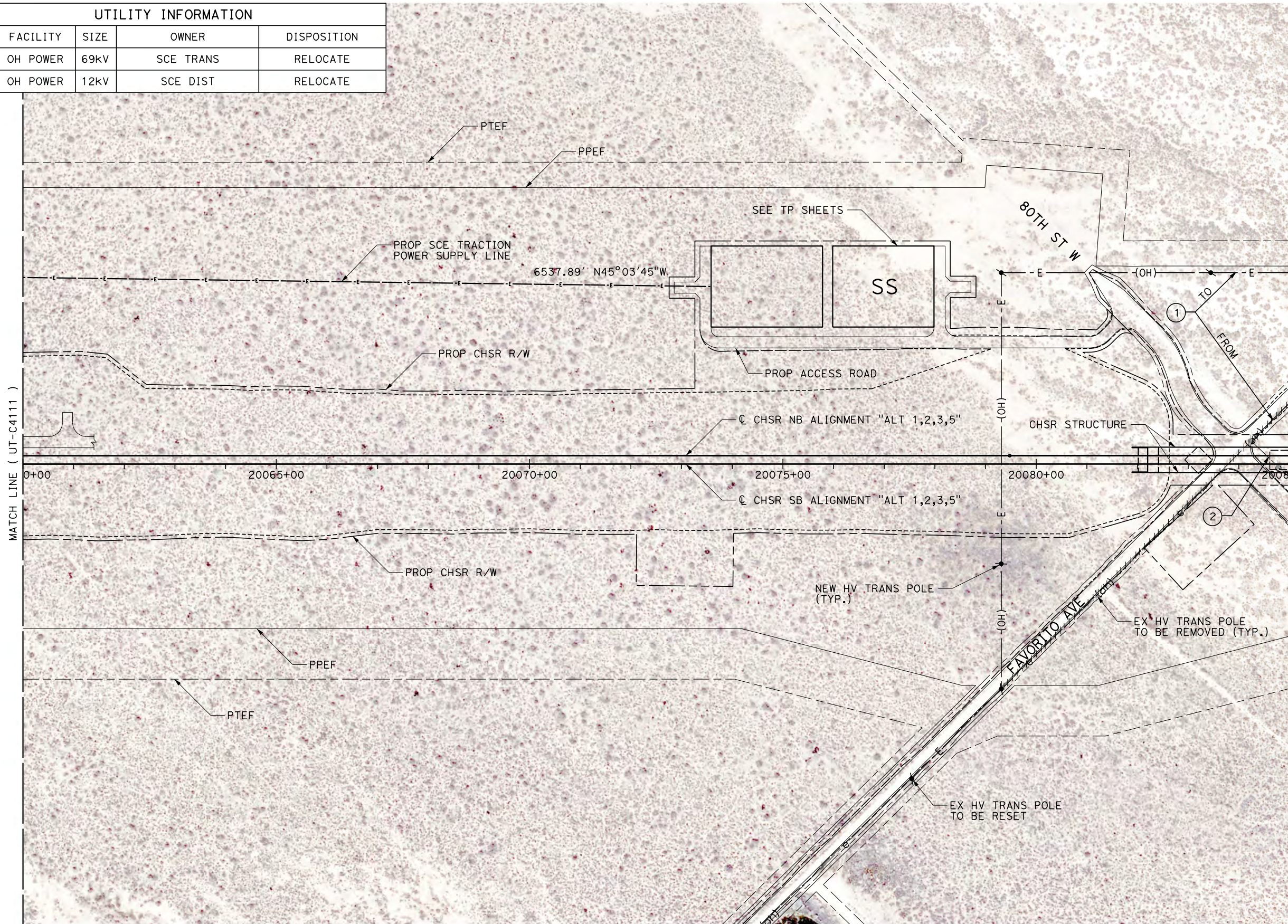


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**

 ALTERNATIVE 1,2,3,5
 COMPOSITE UTILITY PLAN
 STA 20035+00 TO 20060+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4111
 SCALE
AS SHOWN
 SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	RELOCATE
2	OH POWER	12kV	SCE DIST	RELOCATE



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A\1\BP-UT-C4112.dgn 11/7/2017 2:48:35 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

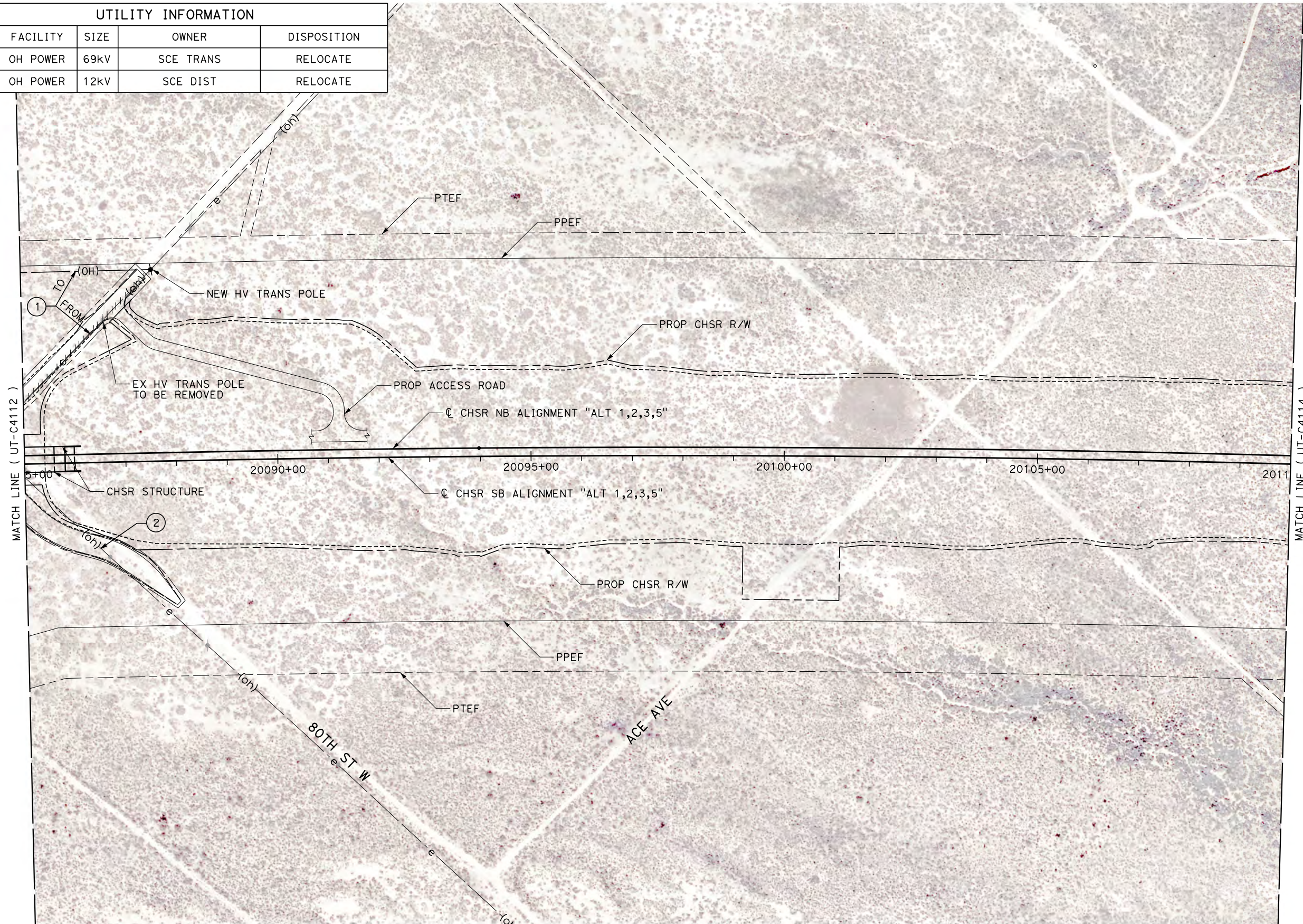


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20060+00 TO 20085+00

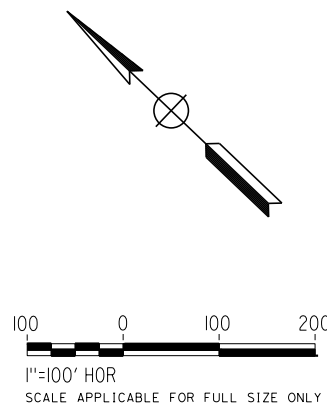
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4112
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	RELOCATE
2	OH POWER	12kV	SCE DIST	RELOCATE



MATCH LINE (UT-C4112)

MATCH LINE (UT-C4114)



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1_NBP-UT-C4113.dgn

OIC:Adodge 11/7/2017 2:47:52 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20085+00 TO 20110+00

CONTRACT NO.
HSR13-44

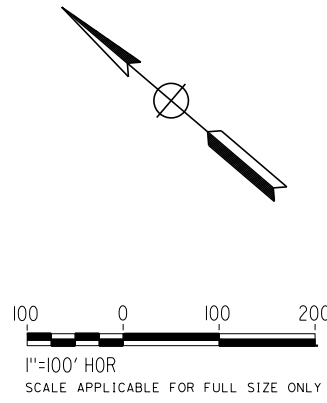
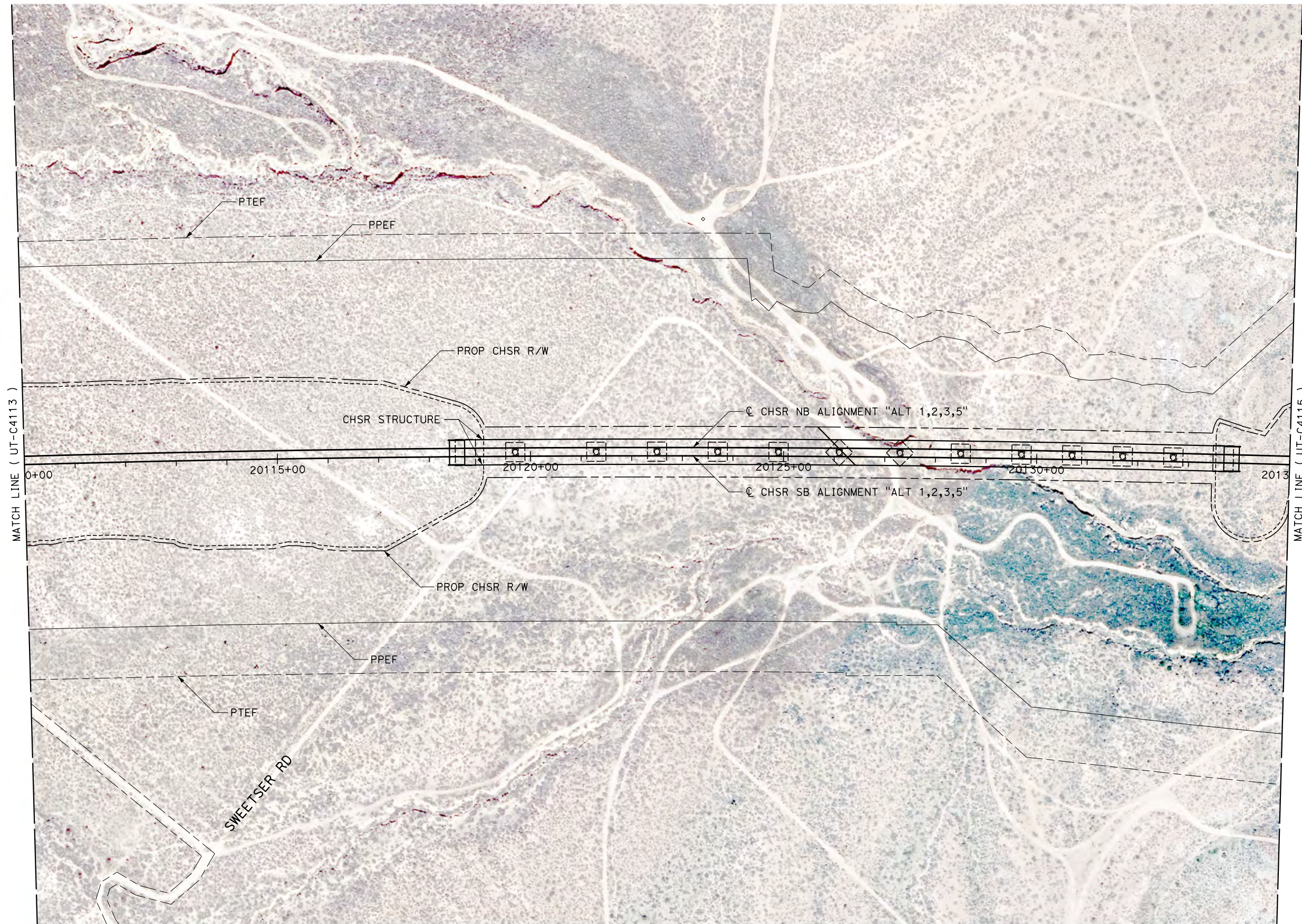
DRAWING NO.
UT-C4113

SCALE
AS SHOWN

SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1\BP-UT-C4114.dgn

OIC:ADodge 11/7/2017 2:47:48 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20110+00 TO 20135+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4114
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1\BP-UT-C4115.dgn

OIC:Adodge 11/7/2017 2:48:46 PM

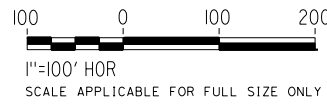
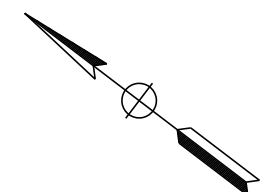


MATCH LINE (UT-C4114)

MATCH LINE (UT-C4116)

20135+00 20140+00 20145+00 20150+00 20155+00 20160+00

BRIGHTSTAR AVE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20135+00 TO 20160+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4115
SCALE
AS SHOWN
SHEET NO.

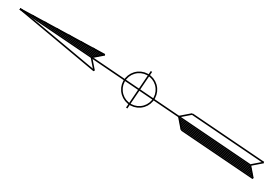
Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1\BP-UT-C4116.dgn

OIC:Adodge 11/7/2017 2:47:52 PM



MATCH LINE (UT-C4115)

MATCH LINE (UT-C4117)



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

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

TYLIN INTERNATIONAL



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

ALTERNATIVE 1,2,3,5
 COMPOSITE UTILITY PLAN
 STA 20160+00 TO 20185+00

CONTRACT NO.
HSR13-44

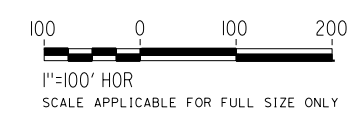
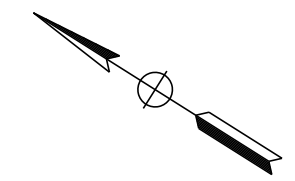
DRAWING NO.
UT-C4116

SCALE
AS SHOWN

SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4117.dgn

OIC:Adodge 11/7/2017 2:47:53 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20185+00 TO 20210+00

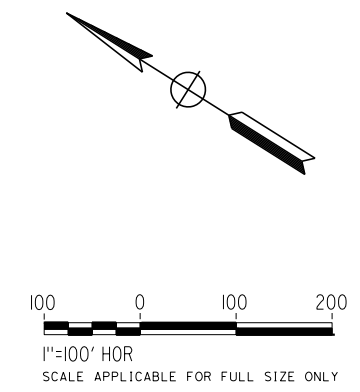
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4117

SCALE
AS SHOWN

SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69KV	SCE TRANS	RELOCATE



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4118.dgn
 11/7/2017 2:50:31 PM
 OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

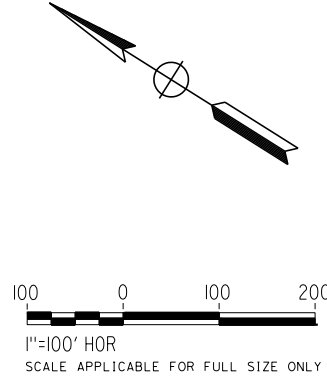
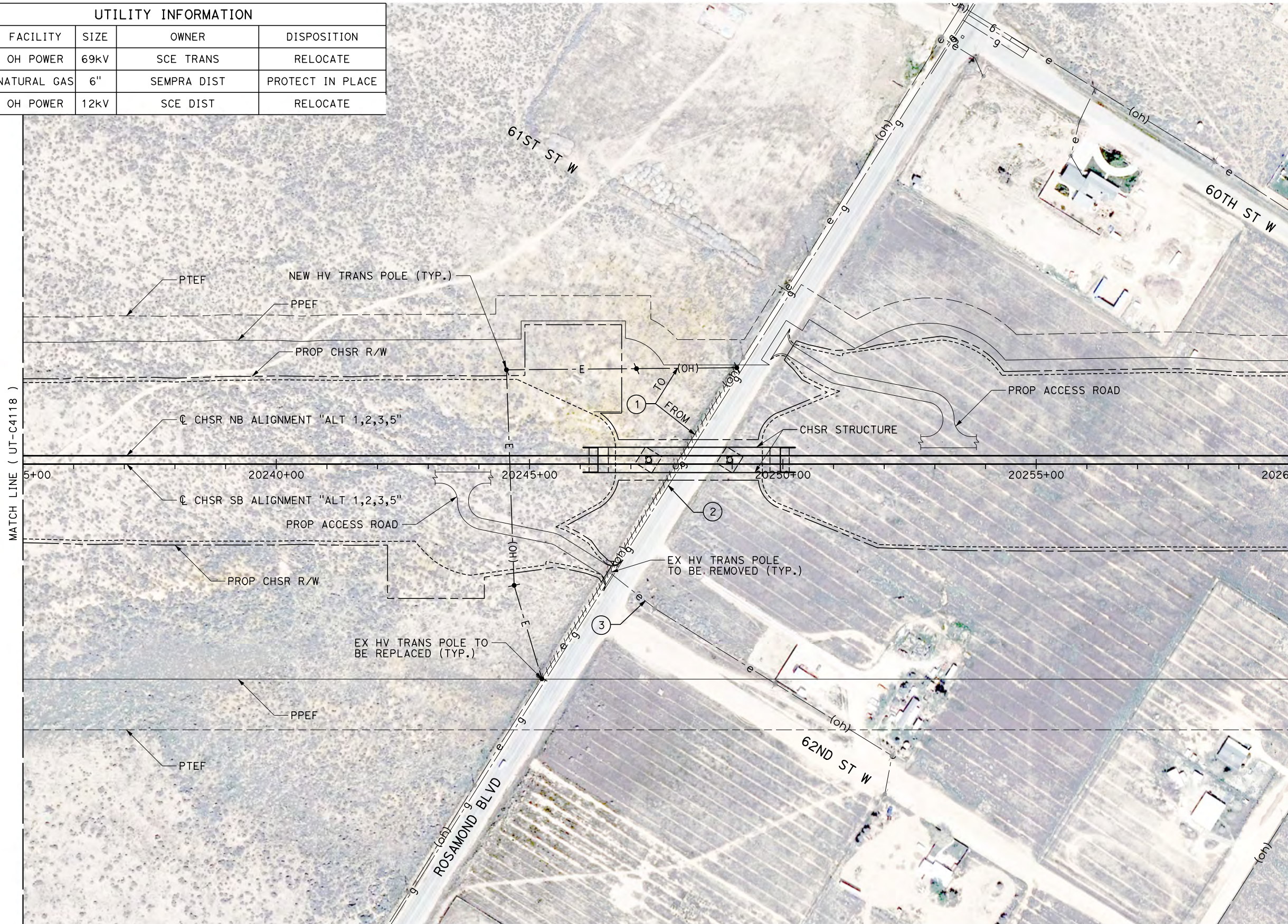


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**

 ALTERNATIVE 1,2,3,5
 COMPOSITE UTILITY PLAN
 STA 20210+00 TO 20235+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4118
 SCALE
AS SHOWN
 SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69KV	SCE TRANS	RELOCATE
2	NATURAL GAS	6"	SEMPRA DIST	PROTECT IN PLACE
3	OH POWER	12KV	SCE DIST	RELOCATE



Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1\BP-UT-C4119.dgn 11/7/2017 2:48:48 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

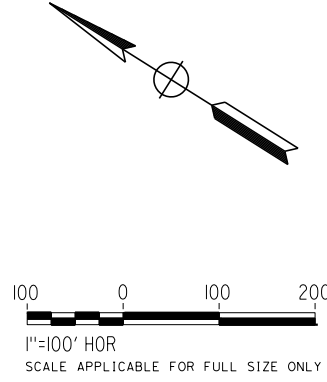
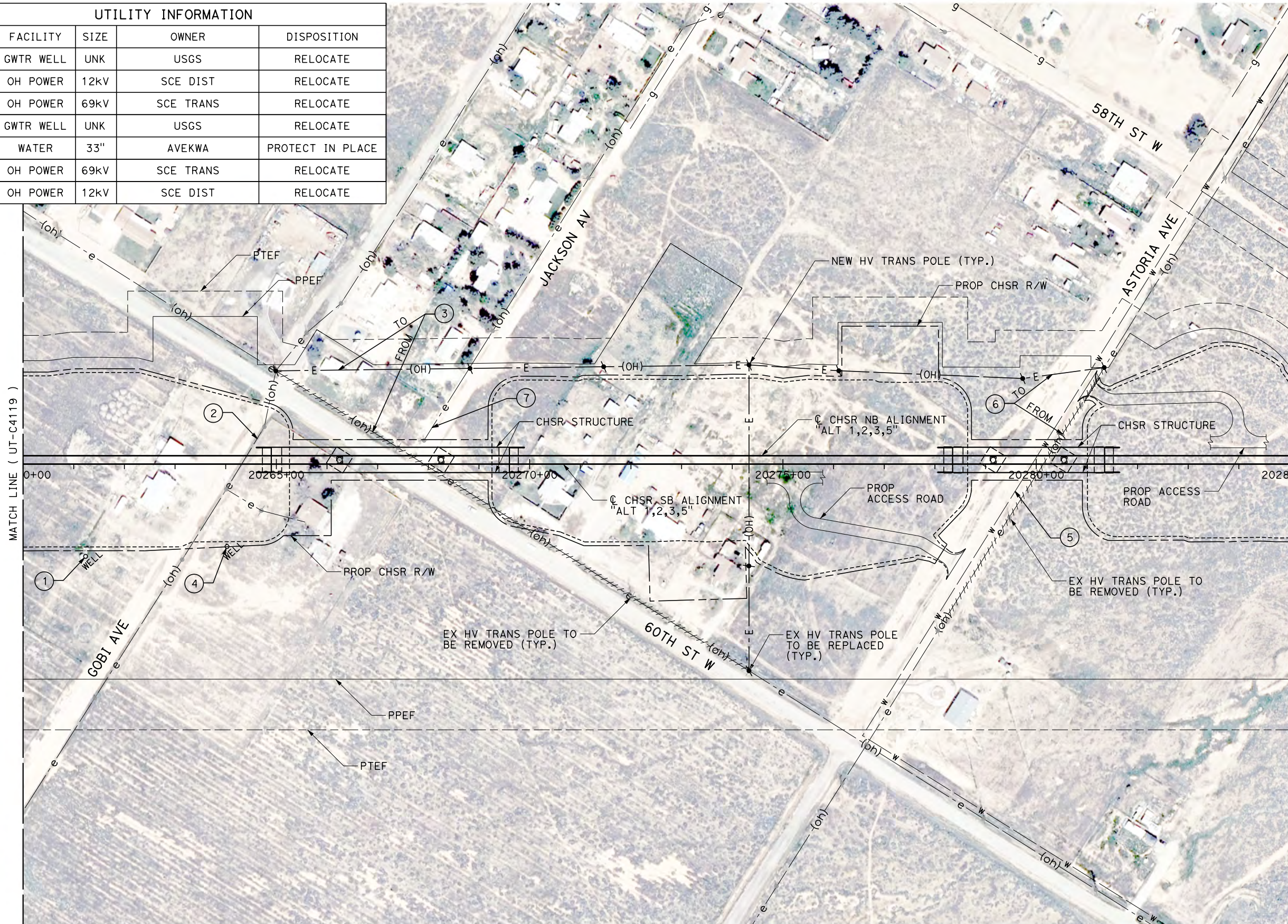


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20235+00 TO 20260+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4119
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	GWTR WELL	UNK	USGS	RELOCATE
2	OH POWER	12KV	SCE DIST	RELOCATE
3	OH POWER	69KV	SCE TRANS	RELOCATE
4	GWTR WELL	UNK	USGS	RELOCATE
5	WATER	33"	AVEKWA	PROTECT IN PLACE
6	OH POWER	69KV	SCE TRANS	RELOCATE
7	OH POWER	12KV	SCE DIST	RELOCATE



Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1_NBP-UT-C4120.dgn
 11/7/2017 2:54:43 PM
 OIC: Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

 ALTERNATIVE 1,2,3,5
 COMPOSITE UTILITY PLAN
 STA 20260+00 TO 20285+00

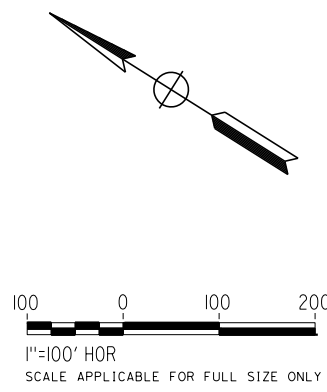
CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4120
 SCALE
AS SHOWN
 SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69kV	SCE TRANS	RELOCATE
2	WATER	48"	AVEKWA	PROTECT IN PLACE



MATCH LINE (UT-C4120)

MATCH LINE (UT-C4122)



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A\1\1_NBP-UT-C4121.dgn 11/7/2017 2:51:52 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20285+00 TO 20310+00

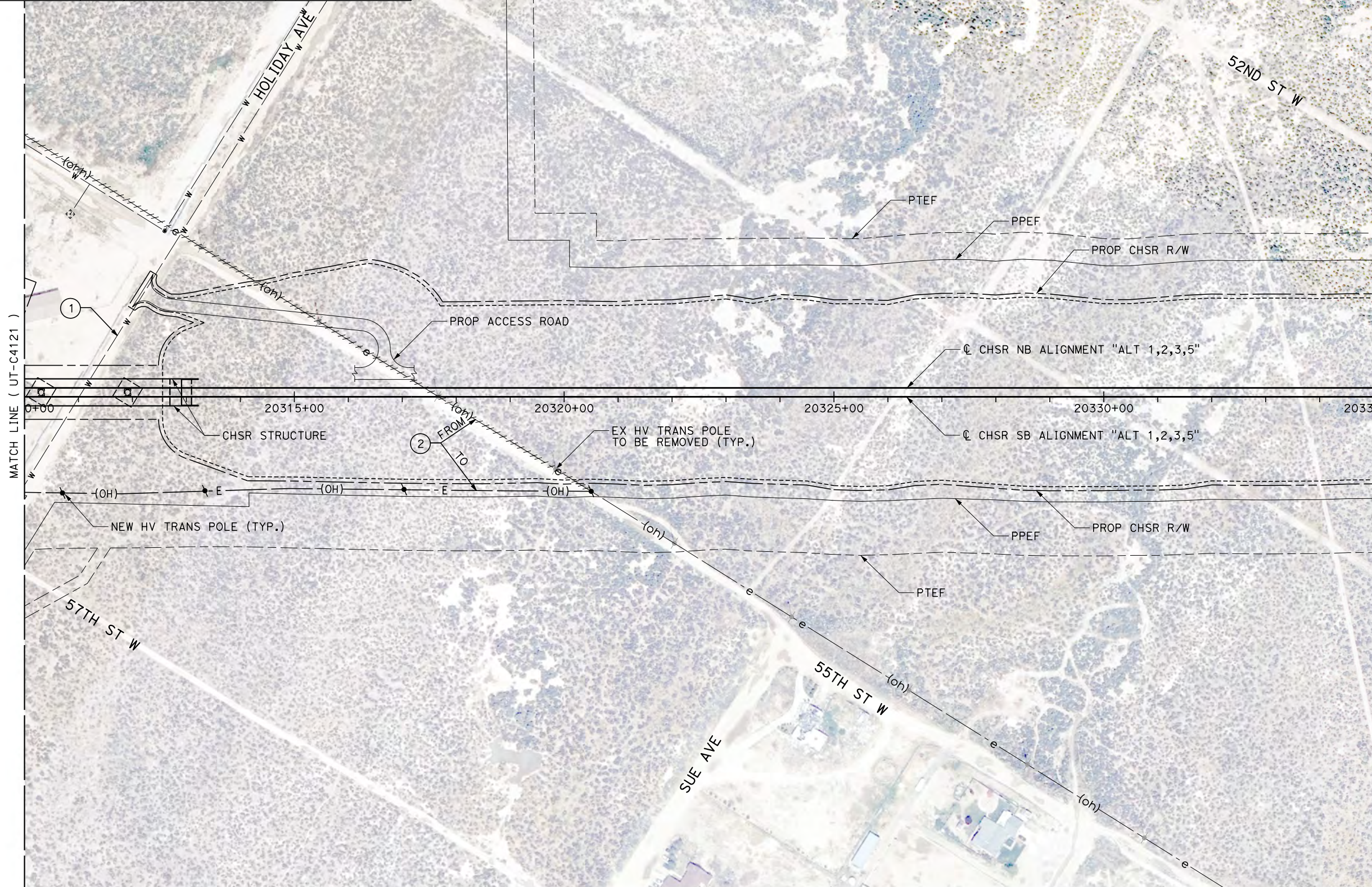
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4121

SCALE
AS SHOWN

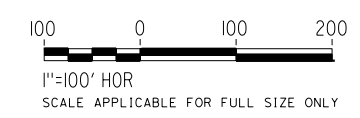
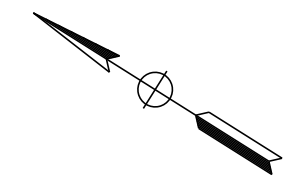
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	48"	AVEKWA	PROTECT IN PLACE
2	OH POWER	69kV	SCE TRANS	RELOCATE



MATCH LINE (UT-C4121)

MATCH LINE (UT-C4123)



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4122.dgn 11/7/2017 2:56:05 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20310+00 TO 20335+00

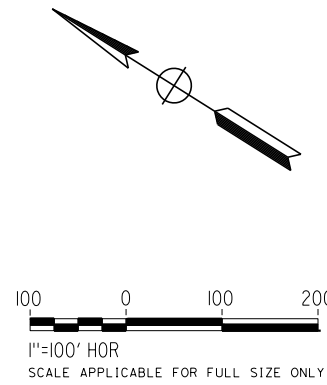
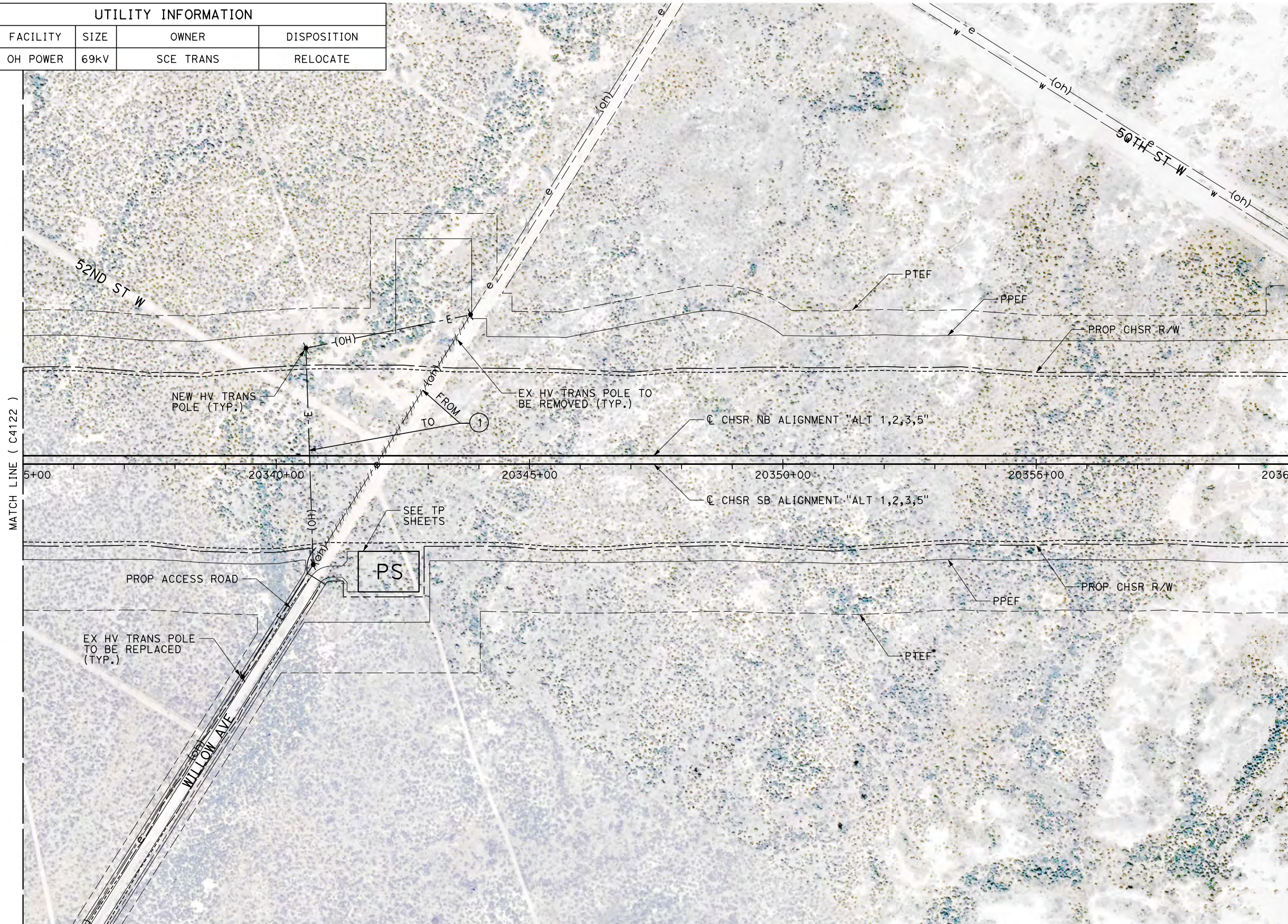
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4122

SCALE
AS SHOWN

SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	69KV	SCE TRANS	RELOCATE



Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4123.dgn

OIC:Adodge 11/7/2017 2:52:55 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

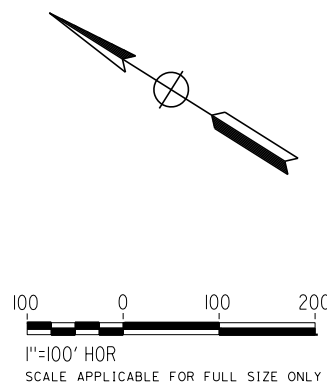
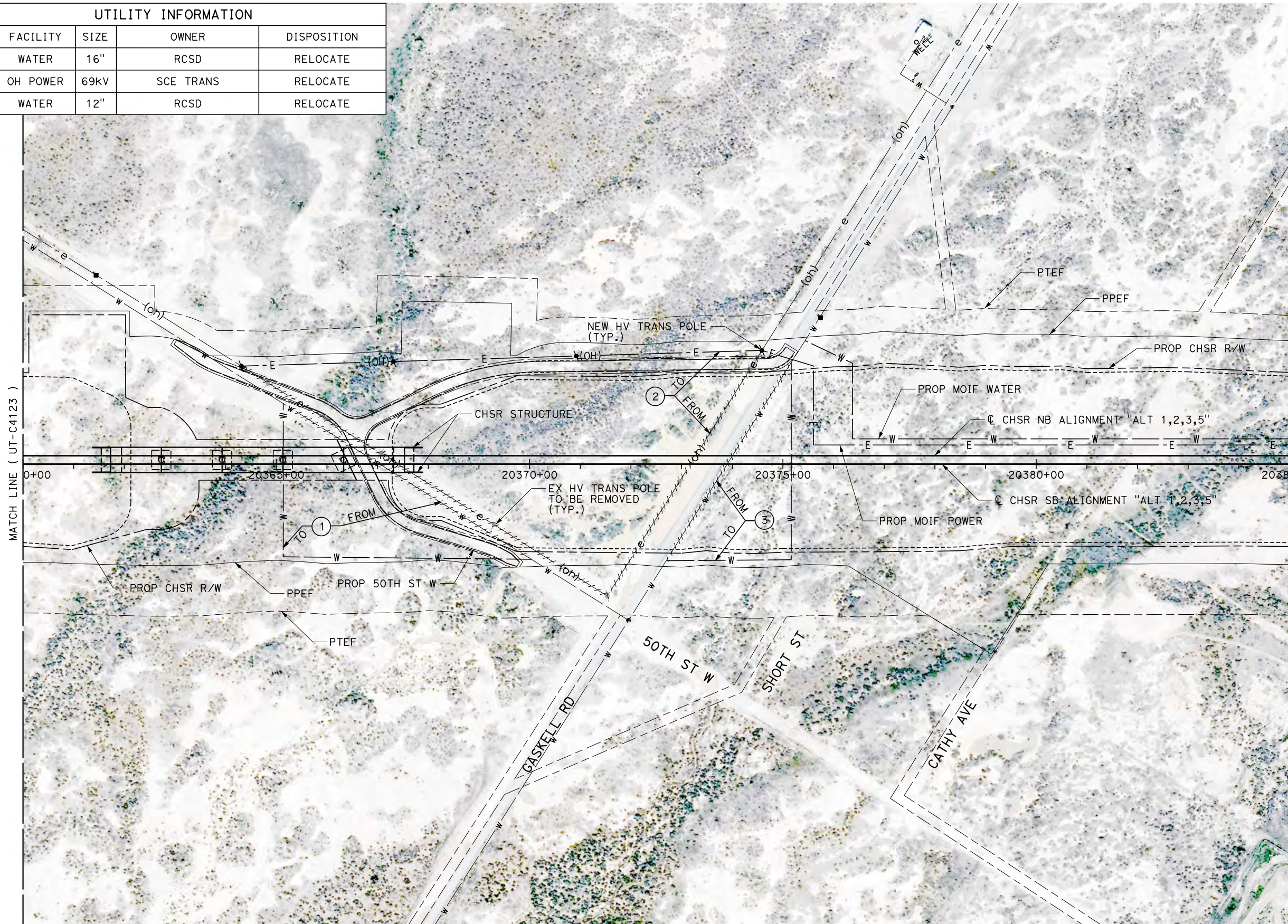


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20335+00 TO 20360+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4123
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	16"	RCSD	RELOCATE
2	OH POWER	69kV	SCE TRANS	RELOCATE
3	WATER	12"	RCSD	RELOCATE



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1\BP_UT-C4124.dgn
 11/7/2017 2:53:51 PM
 OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



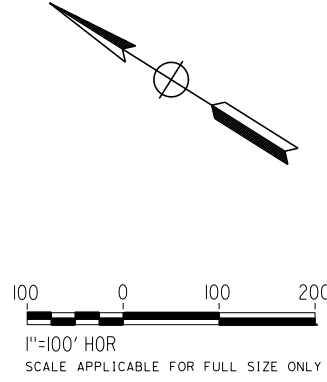
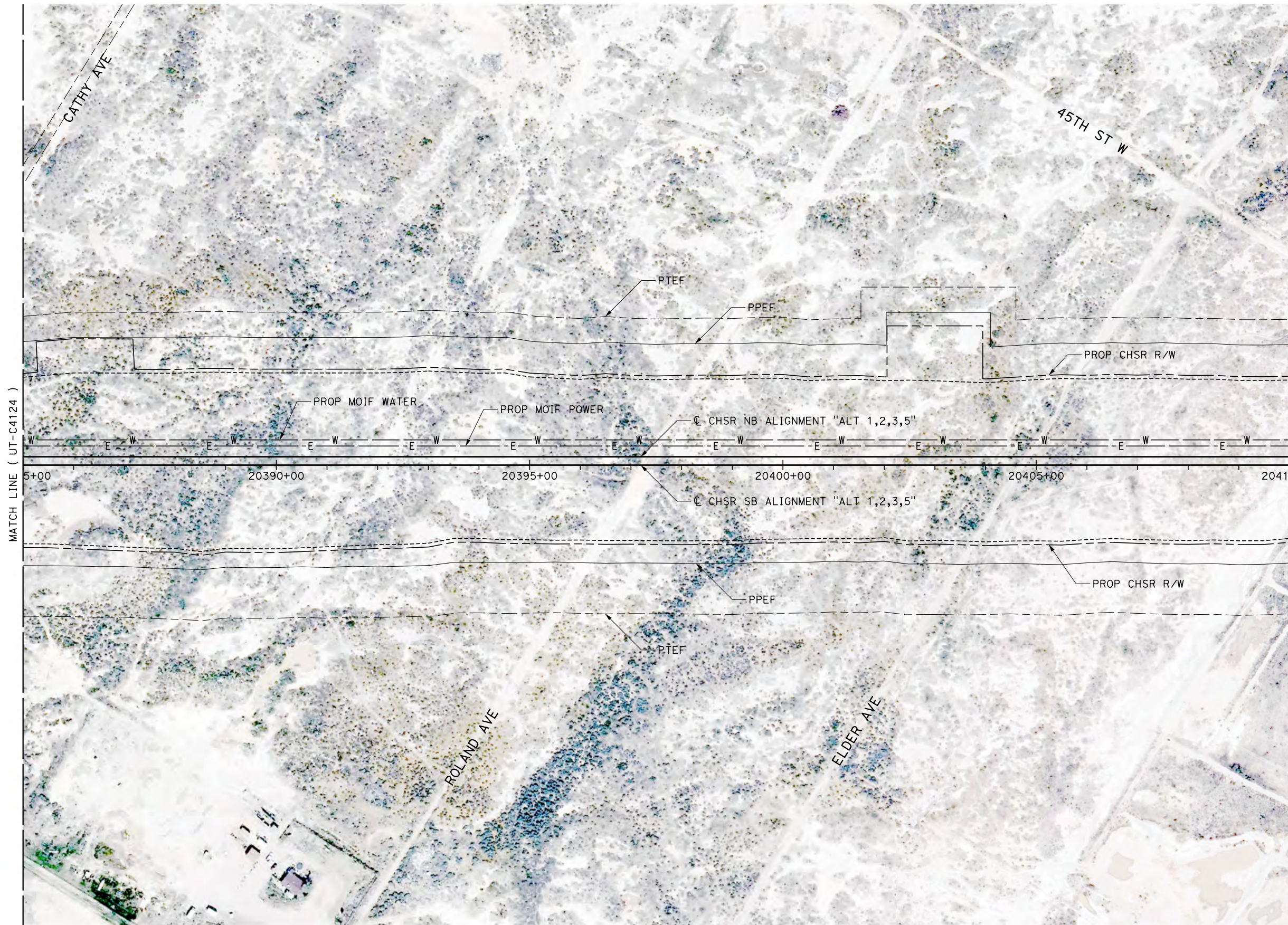
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

 ALTERNATIVE 1,2,3,5
 COMPOSITE UTILITY PLAN
 STA 20360+00 TO 20385+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4124
 SCALE
AS SHOWN
 SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1_NBP-UT-C4125.dgn

OIC:Adodge 11/7/2017 2:53:44 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

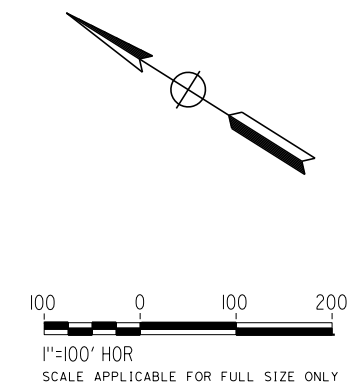


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20385+00 TO 20410+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4125
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH TELECOM	UNK	VERIZON	RELOCATE
2	OH POWER	12kV	SCE DIST	RELOCATE



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1_NBP-UT-C4126.dgn 11/7/2017 2:59:06 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20410+00 TO 20435+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4126

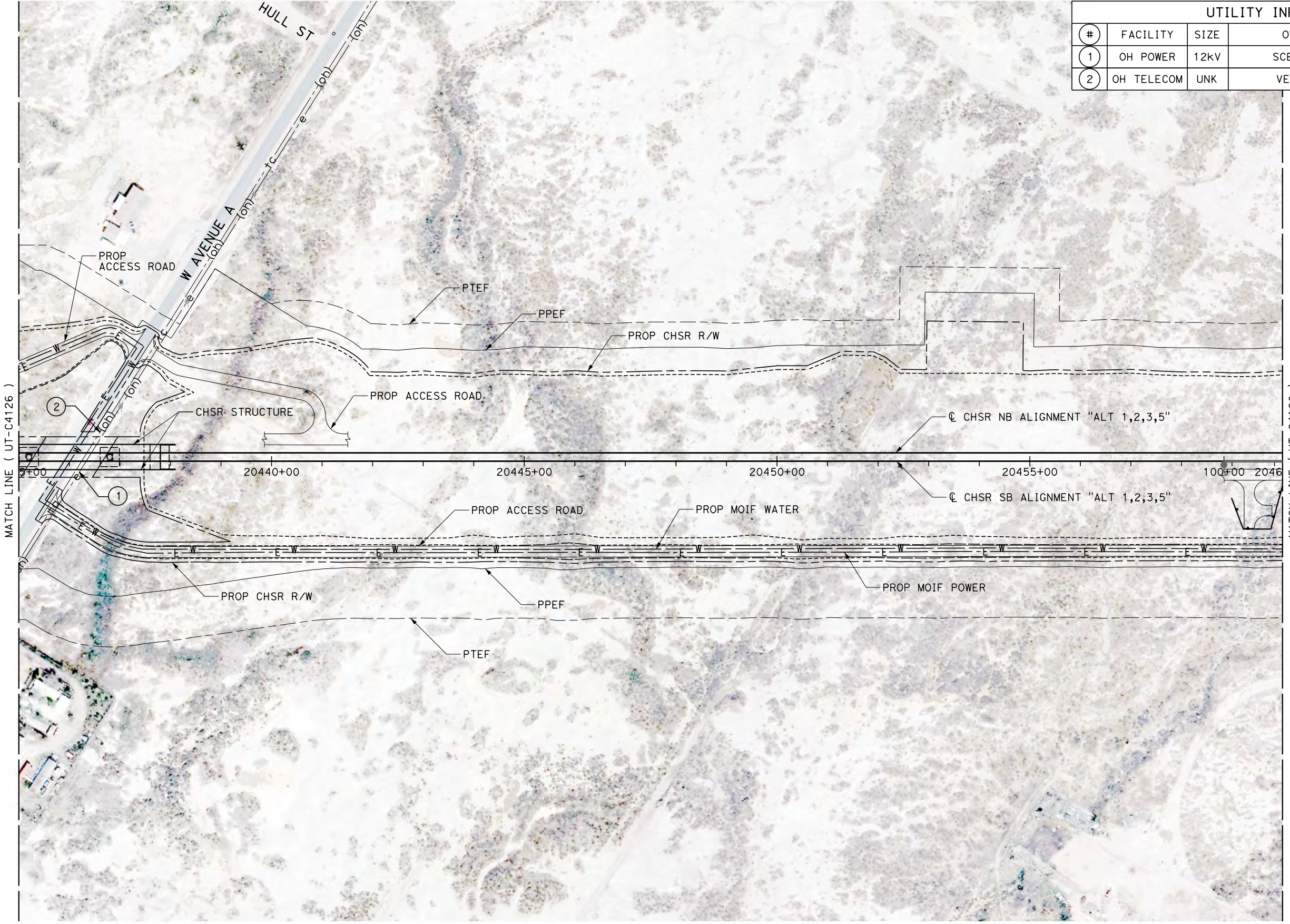
SCALE
AS SHOWN

SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1\BP-UT-C4127.dgn

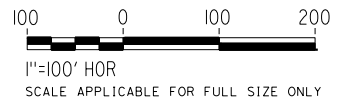
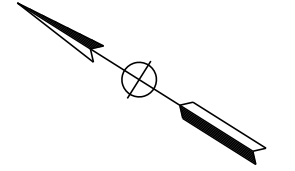
OIC:Adodge 11/7/2017 2:32:59 PM

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	12KV	SCE DIST	RELOCATE
2	OH TELECOM	UNK	VERIZON	RELOCATE



MATCH LINE (UT-C4126)

MATCH LINE (UT-C4128)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20435+00 TO 20460+00

CONTRACT NO.
HSR13-44

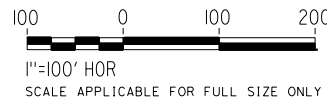
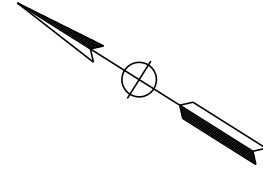
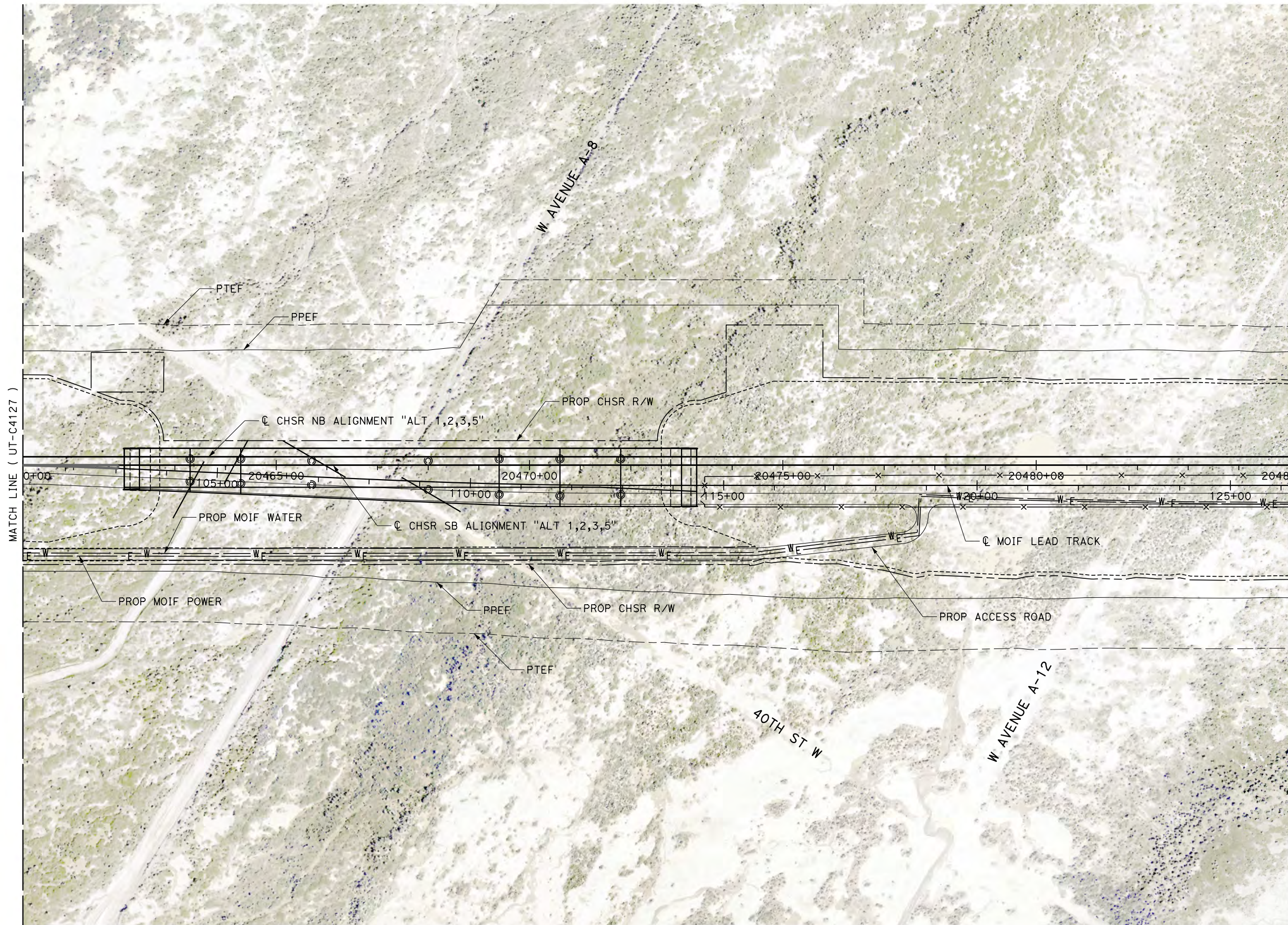
DRAWING NO.
UT-C4127

SCALE
AS SHOWN

SHEET NO.

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1\BP-UT-C4128.dgn

OIC:Adodge 11/7/2017 2:53:41 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20460+00 TO 20485+00

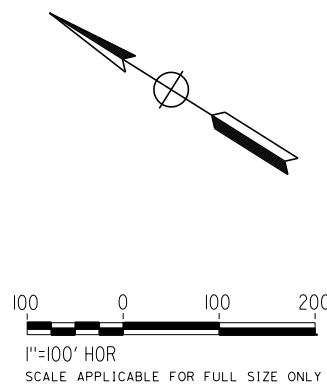
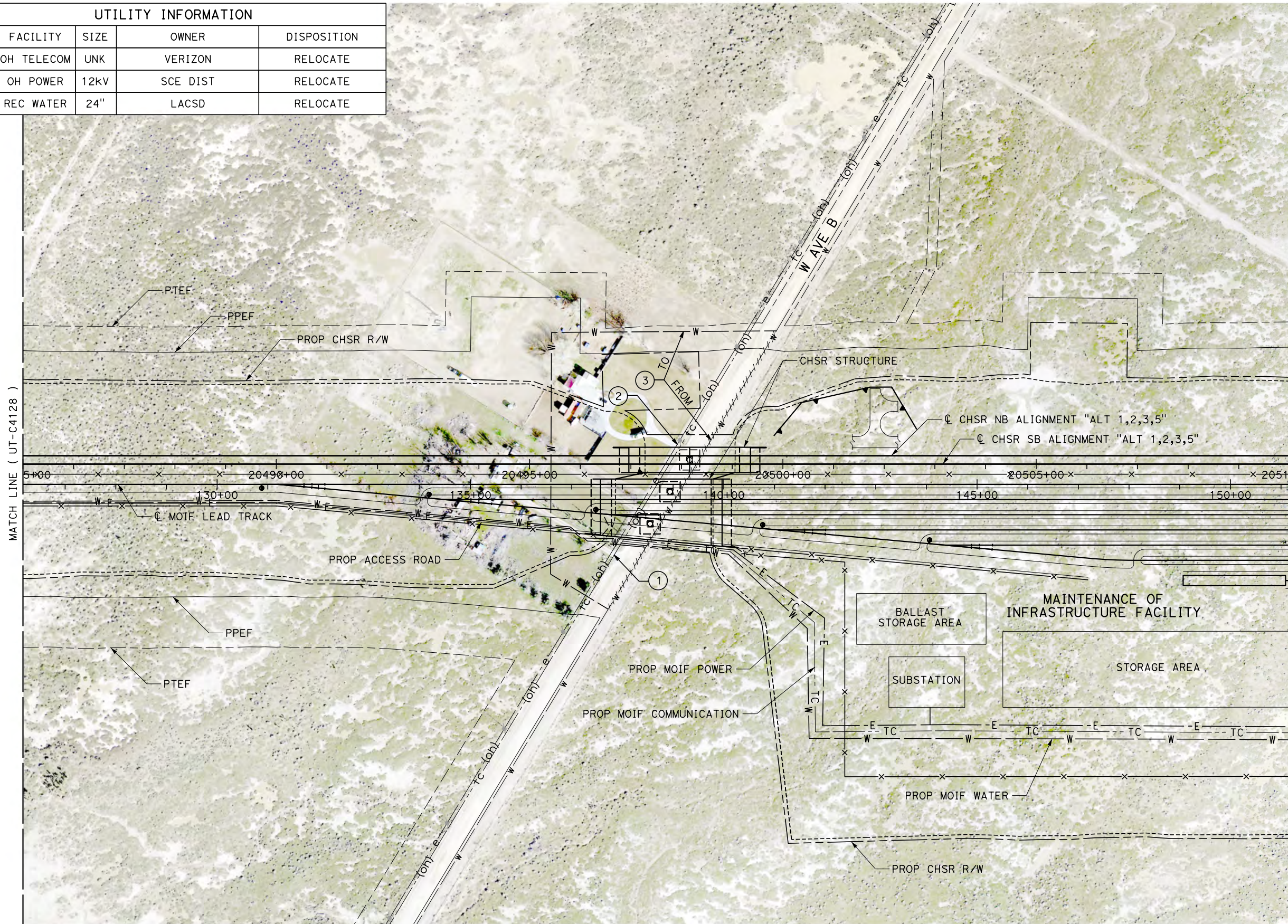
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4128

SCALE
AS SHOWN

SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH TELECOM	UNK	VERIZON	RELOCATE
2	OH POWER	12kV	SCE DIST	RELOCATE
3	REC WATER	24"	LACSD	RELOCATE



Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1\BP-UT-C4129.dgn
11/7/2017 2:52:152 PM
OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20485+00 TO 20510+00

CONTRACT NO.
HSR13-44

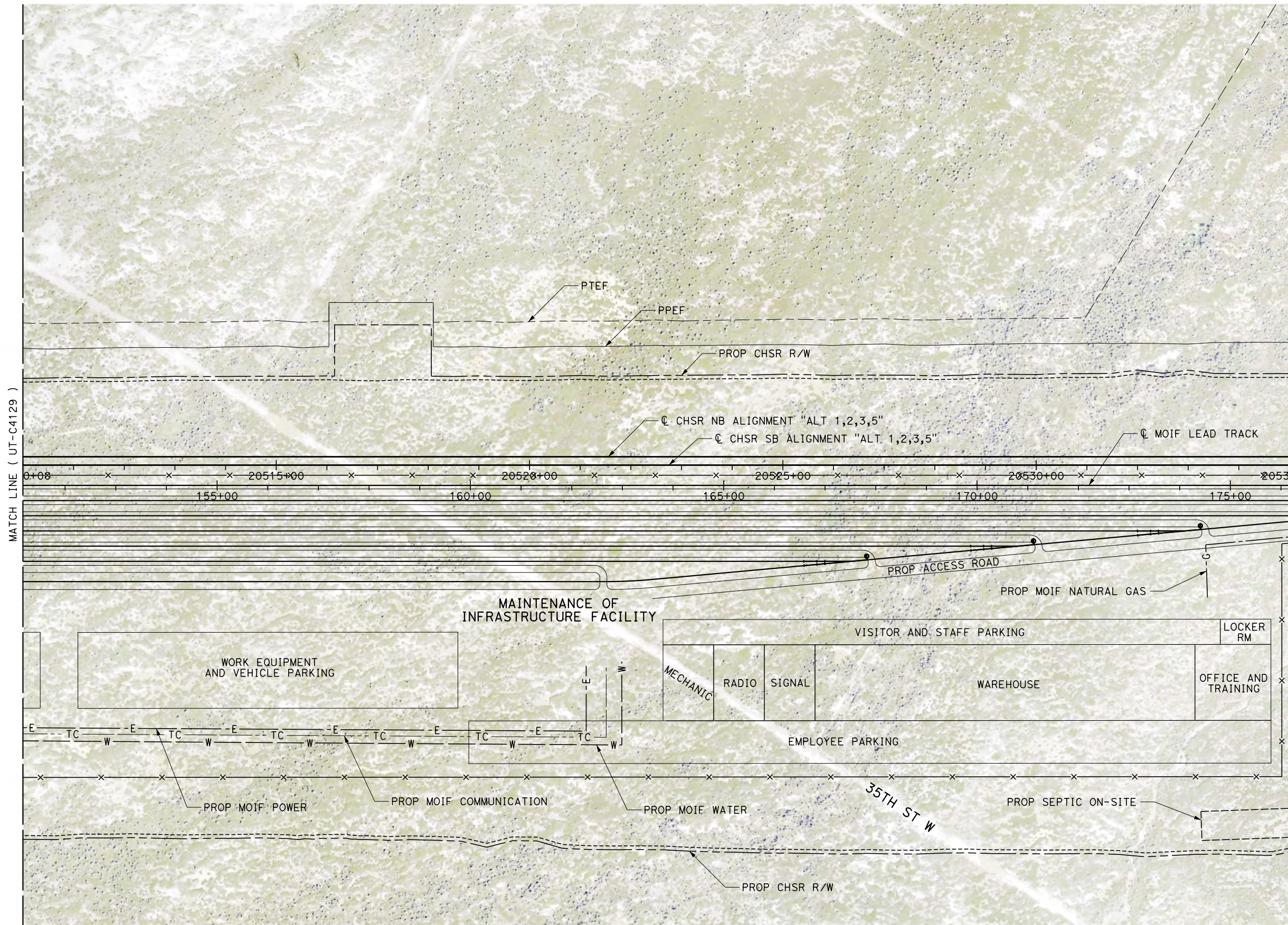
DRAWING NO.
UT-C4129

SCALE
AS SHOWN

SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1\BP-UT-C4130.dgn

OIC: Adodge 11/7/2017 2:54:57 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20510+00 TO 20535+00

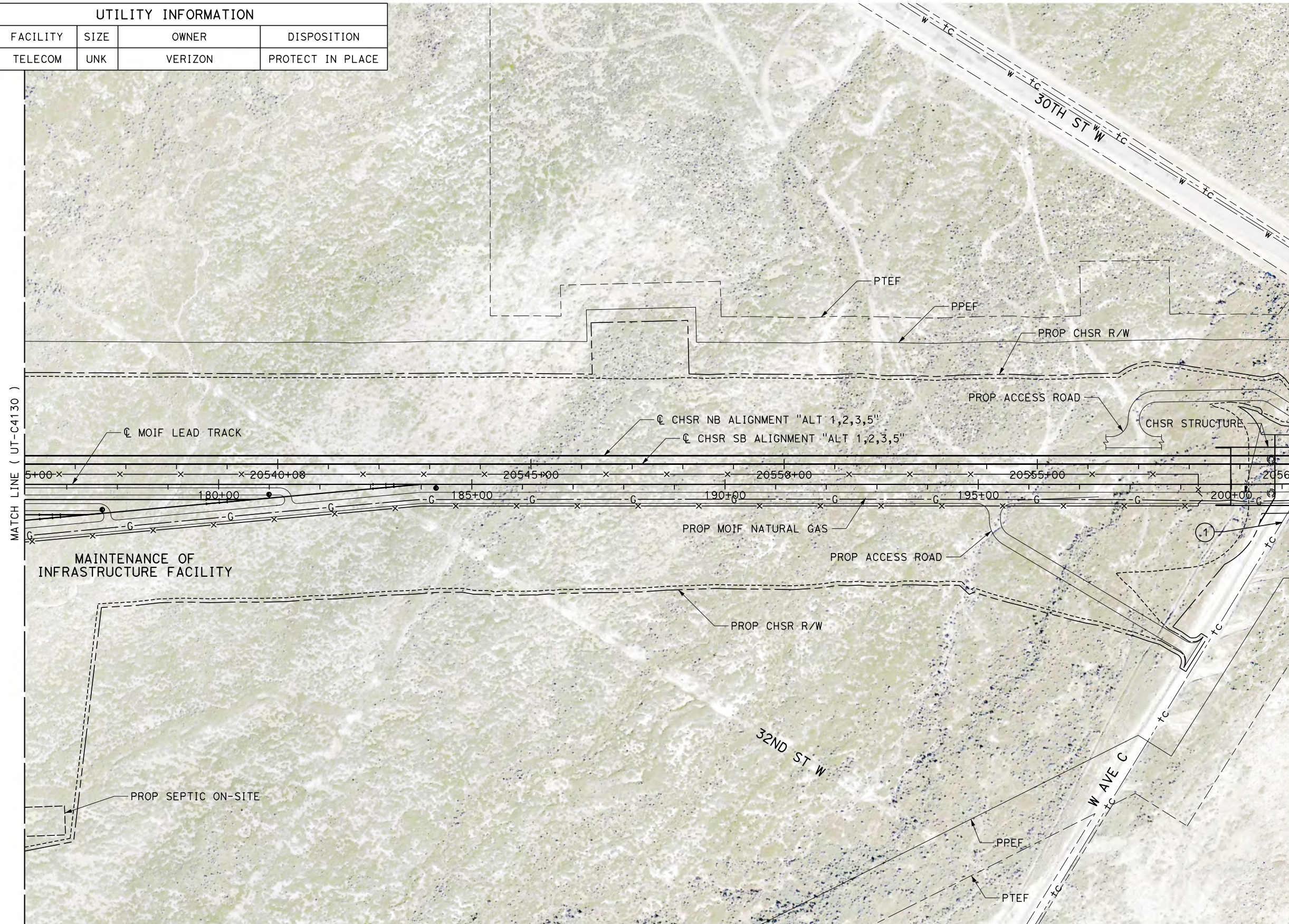
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4130

SCALE
AS SHOWN

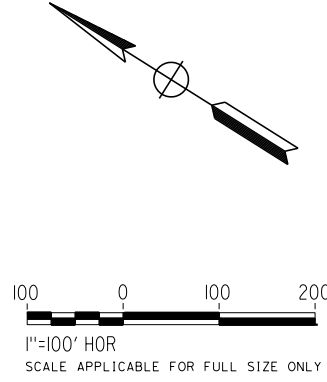
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELECOM	UNK	VERIZON	PROTECT IN PLACE



MATCH LINE (UT-C4130)

MATCH LINE (UT-C4132)



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1_NBP-UT-C4131.dgn
OIC:Adodge 11/7/2017 2:58:53 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20535+00 TO 20560+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4131

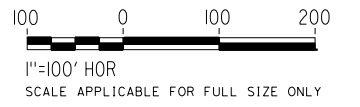
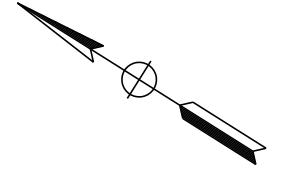
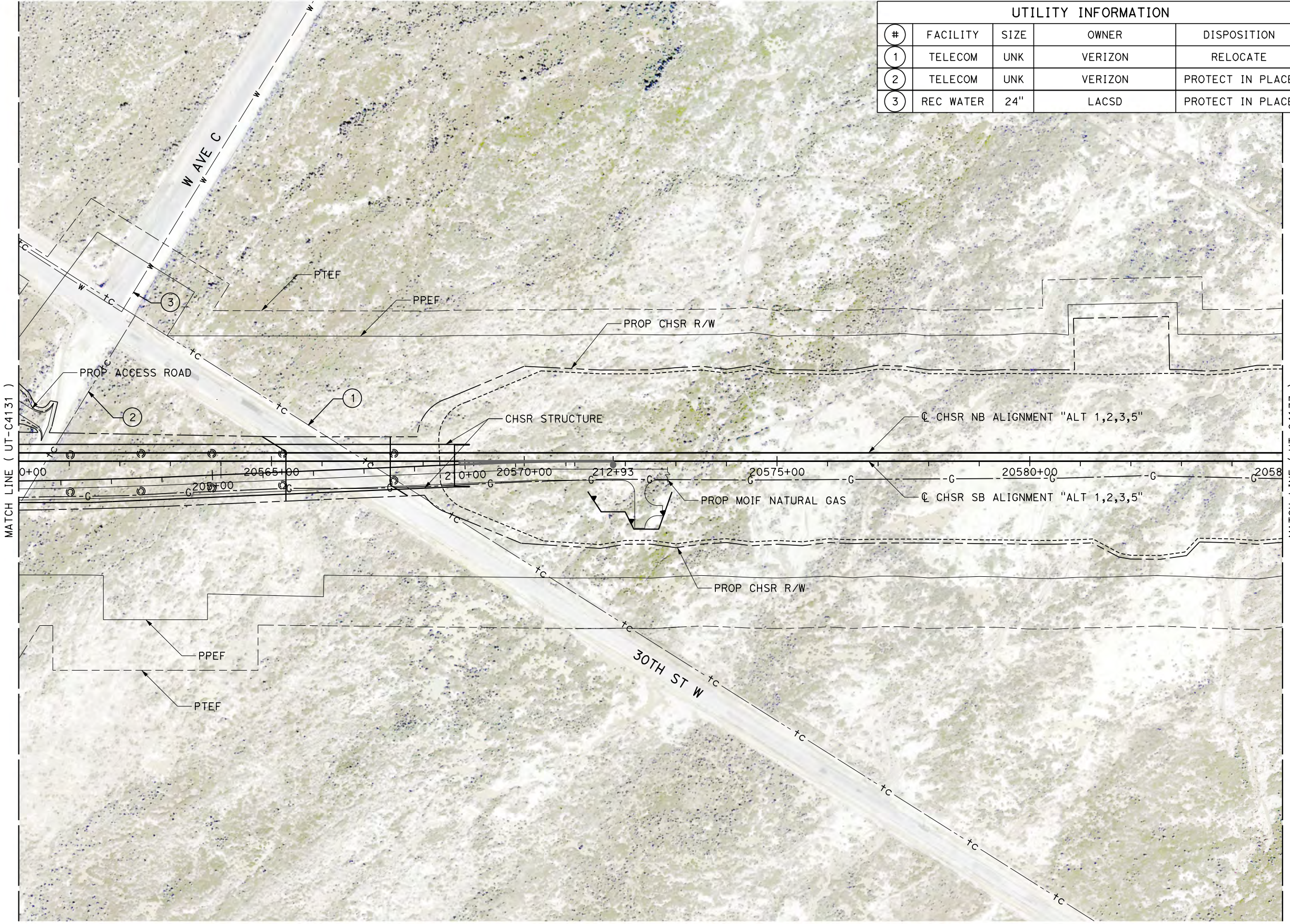
SCALE
AS SHOWN

SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\1\1\BP-UT-C4132.dgn

OIC:Adodge 11/7/2017 2:54:39 PM

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELECOM	UNK	VERIZON	RELOCATE
2	TELECOM	UNK	VERIZON	PROTECT IN PLACE
3	REC WATER	24"	LACSD	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20560+00 TO 20585+00

CONTRACT NO.
HSR13-44

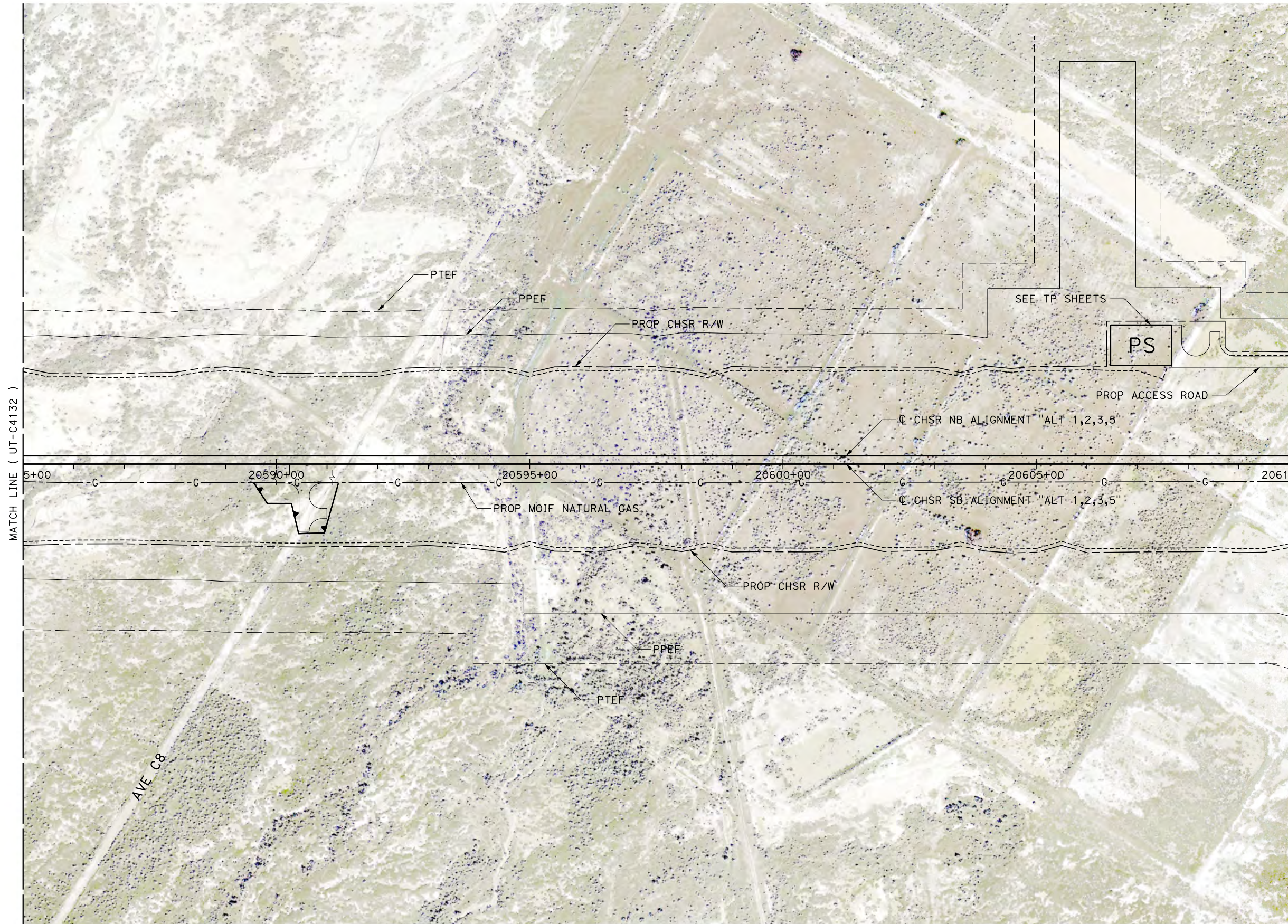
DRAWING NO.
UT-C4132

SCALE
AS SHOWN

SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1_NBP-UT-C4133.dgn

OIC:ADodge 11/7/2017 2:55:11 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

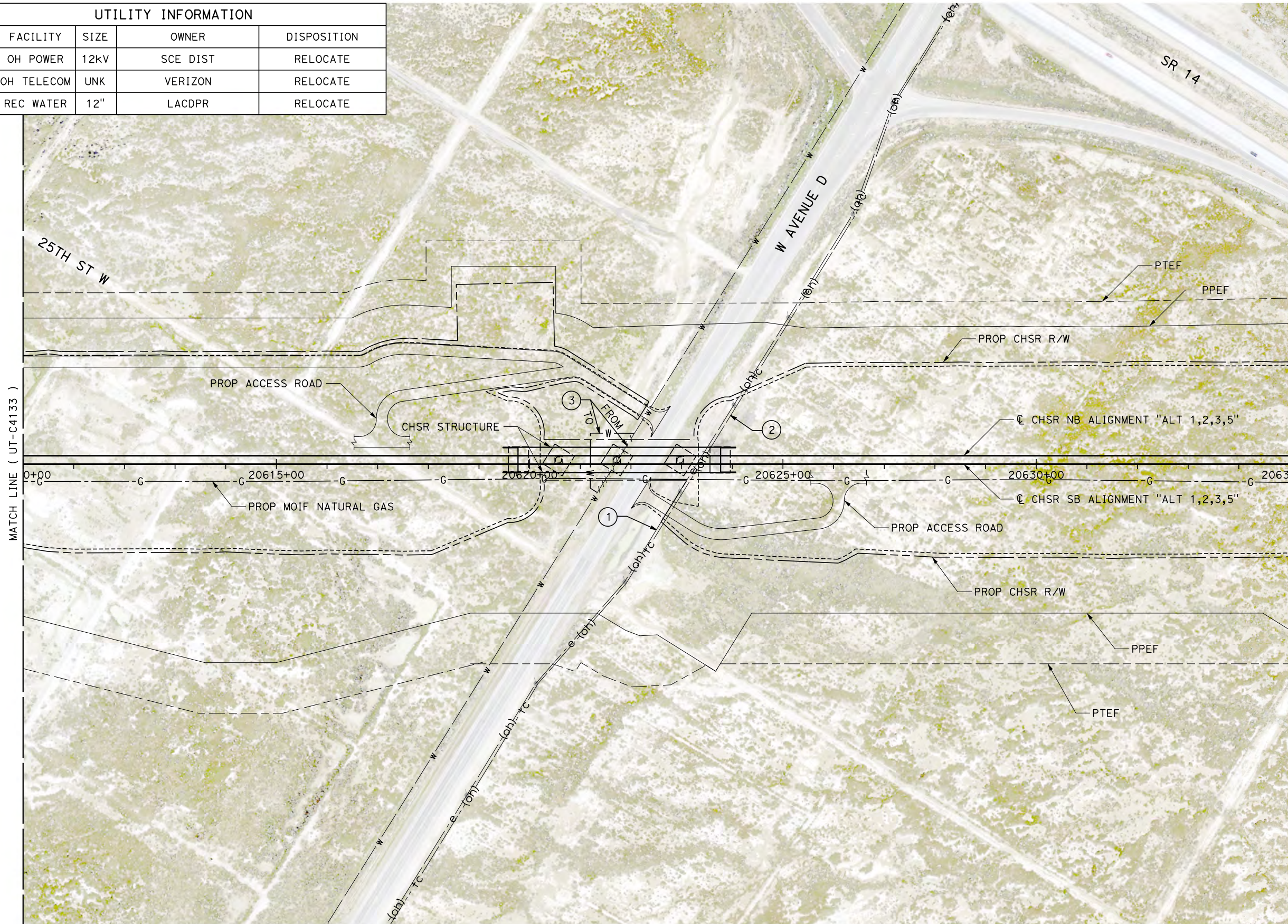


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20585+00 TO 20610+00

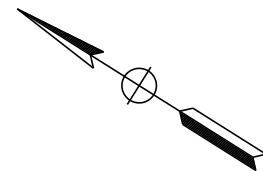
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4133
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	12KV	SCE DIST	RELOCATE
2	OH TELECOM	UNK	VERIZON	RELOCATE
3	REC WATER	12"	LACDPR	RELOCATE



MATCH LINE (UT-C4133)

MATCH LINE (UT-C4135)



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

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4134.dgn 11/7/2017 2:53:51 PM OIC_A Dodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PECD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
 COMPOSITE UTILITY PLAN
 STA 20610+00 TO 20635+00

CONTRACT NO.
HSR13-44

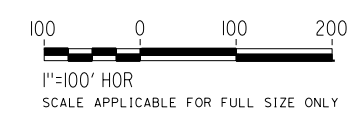
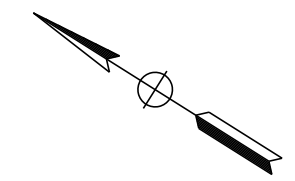
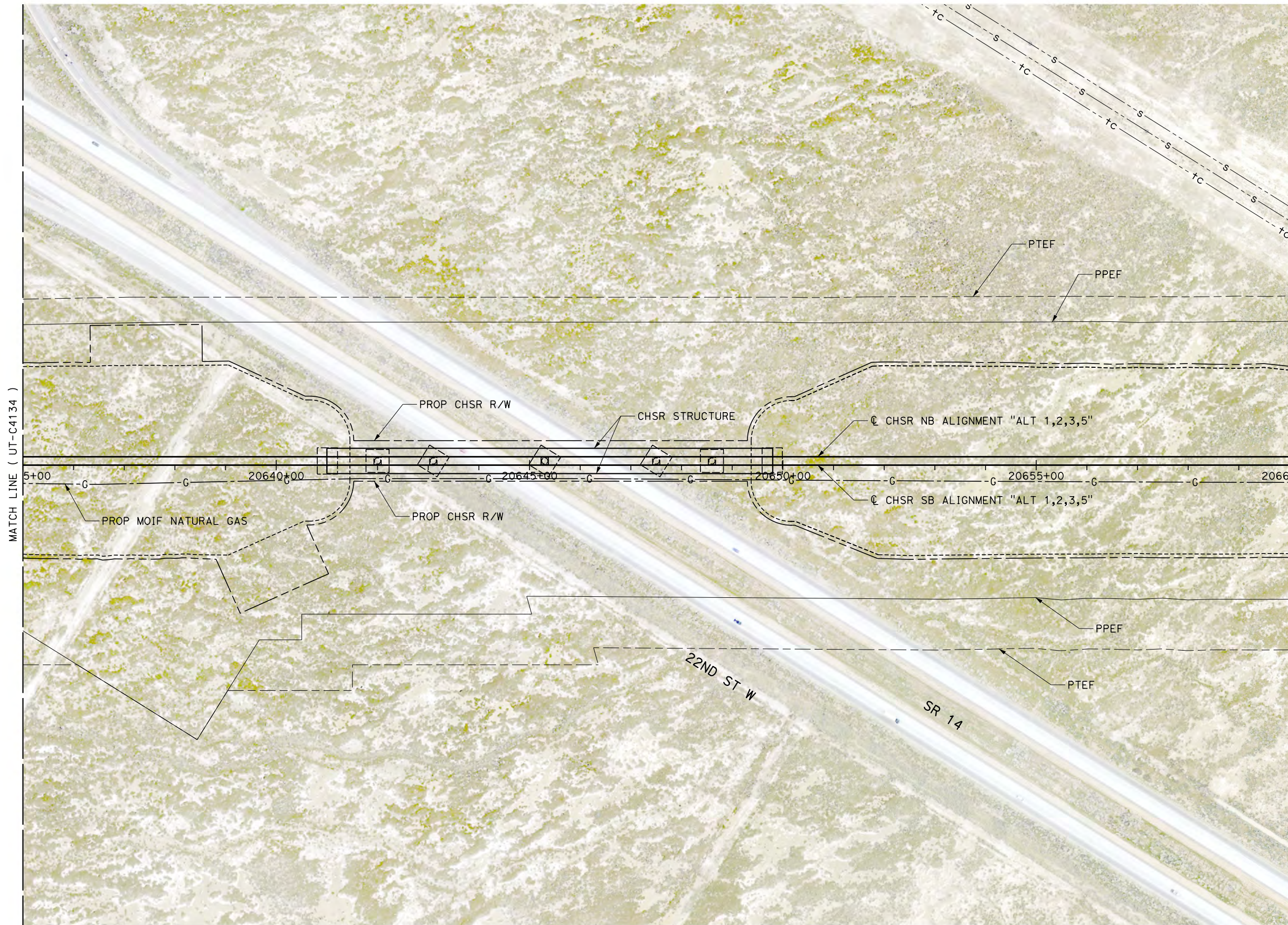
DRAWING NO.
UT-C4134

SCALE
AS SHOWN

SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A\1\BP-UT-C4135.dgn

OIC:Adodge 11/7/2017 2:55:00 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20635+00 TO 20660+00

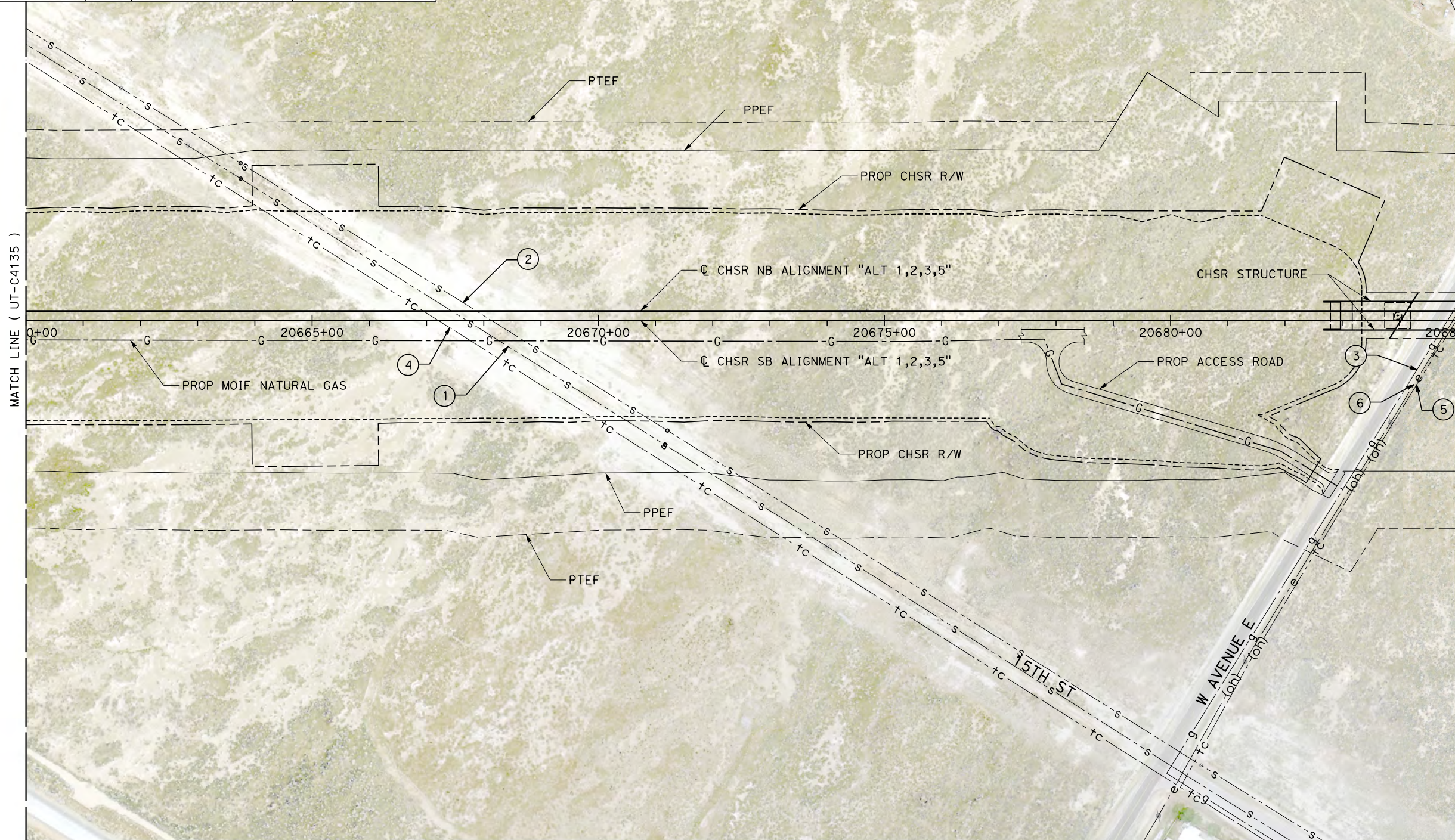
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4135

SCALE
AS SHOWN

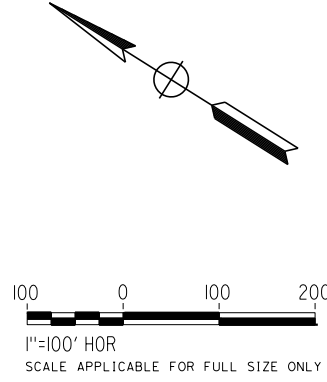
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	SEWER	48"	LACSD	PROTECT IN PLACE
2	SEWER	66"	LACSD	PROTECT IN PLACE
3	NATURAL GAS	8"	SEMPRA DIST	PROTECT IN PLACE
4	TELECOM	UNK	VERIZON	RELOCATE
5	OH TELECOM	UNK	VERIZON	RELOCATE
6	OH POWER	12kV	SCE DIST	RELOCATE



MATCH LINE (UT-C4135)

MATCH LINE (UT-C4137)



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4136.dgn 11/7/2017 3:01:16 PM OIC..Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

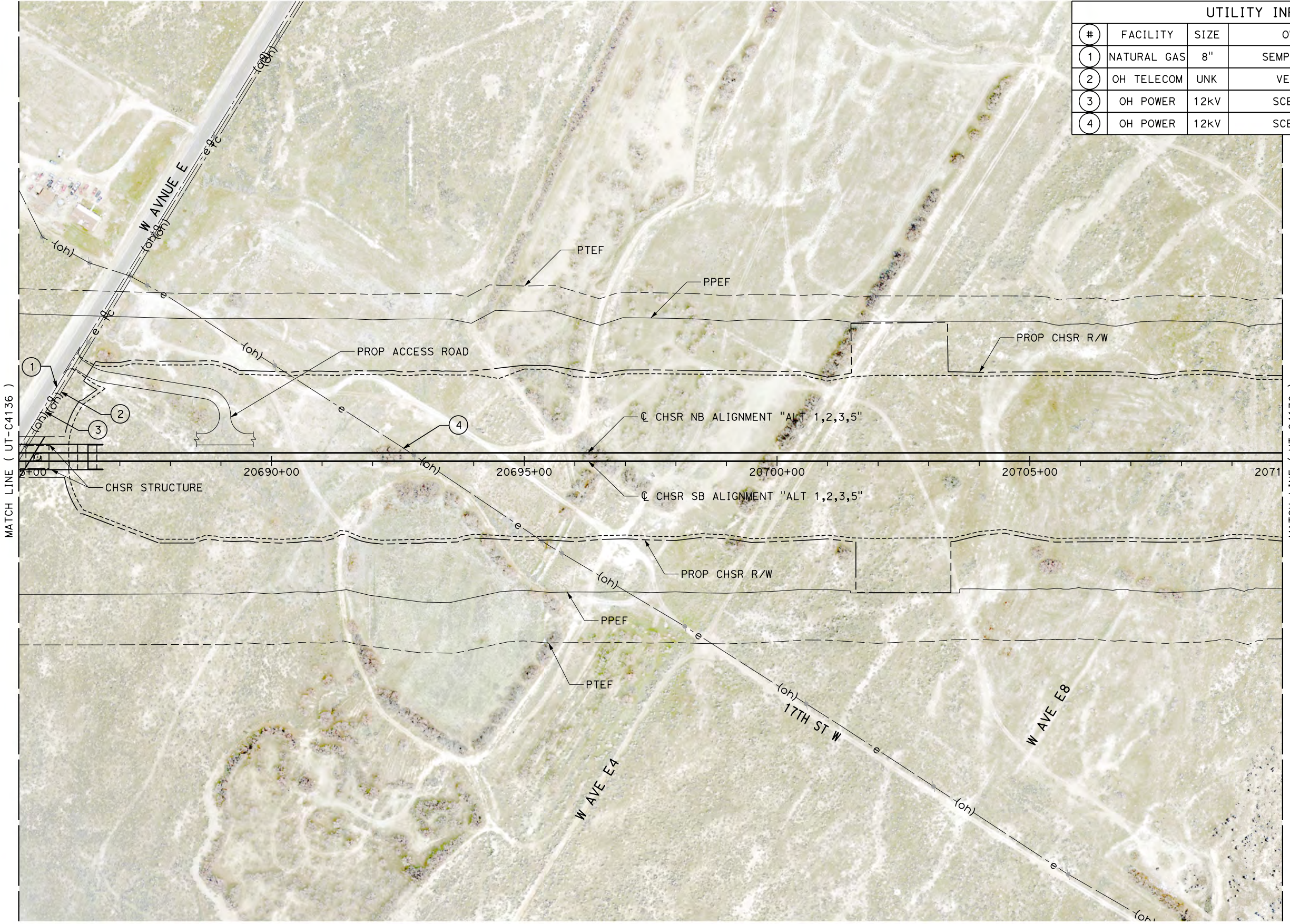
ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20660+00 TO 20685+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4136
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4137.dgn

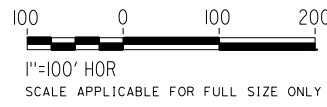
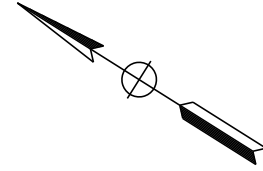
OIC:Adodge 11/7/2017 3:04:00 PM

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	8"	SEMPRA DIST	PROTECT IN PLACE
2	OH TELECOM	UNK	VERIZON	RELOCATE
3	OH POWER	12KV	SCE DIST	RELOCATE
4	OH POWER	12KV	SCE DIST	RELOCATE



MATCH LINE (UT-C4136)

MATCH LINE (UT-C4138)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20685+00 TO 20710+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4137
SCALE
AS SHOWN
SHEET NO.

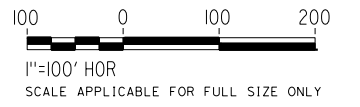
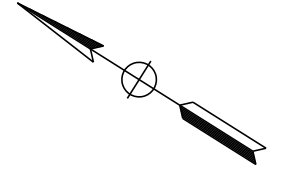
Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1\BP-UT-C4138.dgn

11/7/2017 3:00:24 PM
OIC:ADodge



MATCH LINE (UT-C4137)

MATCH LINE (UT-C4139)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



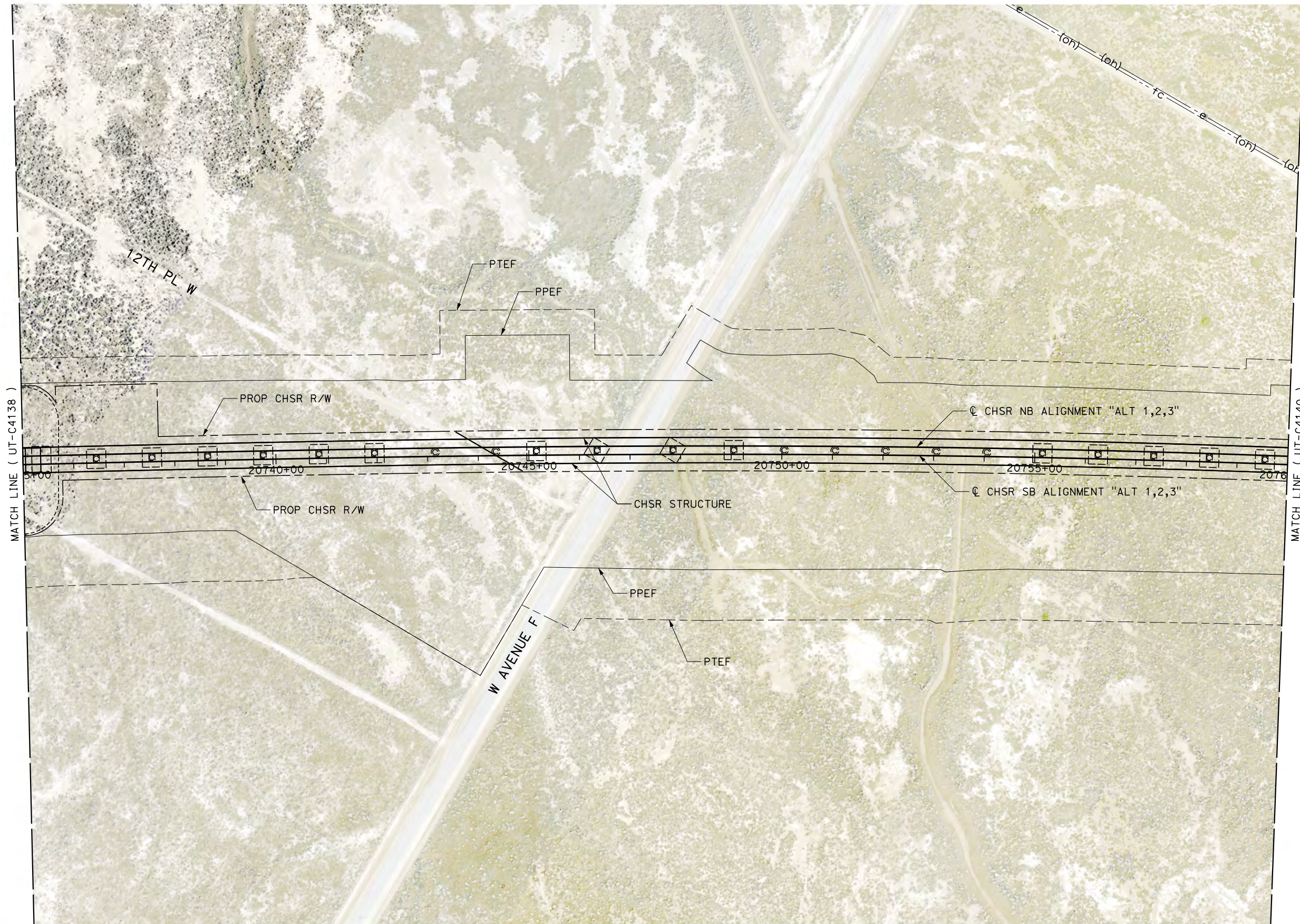
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMPOSITE UTILITY PLAN
STA 20710+00 TO 20735+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4138
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4139.dgn

OIC: Adodge 11/7/2017 3:02:33 PM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

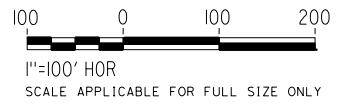
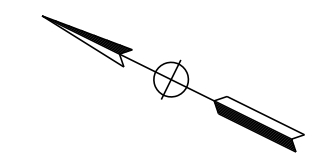


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20735+00 TO 20760+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4139
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	66KV	SCE TRANS	RELOCATE
2	OH TELECOM	UNK	VERIZON	RELOCATE



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1\BP-UT-C4140.dgn
11/7/2017 3:02:08 PM
OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

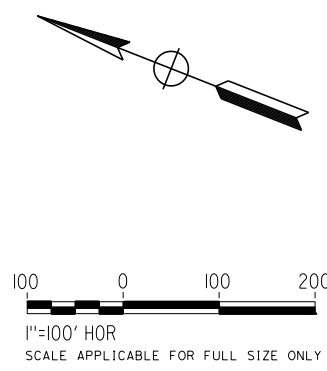
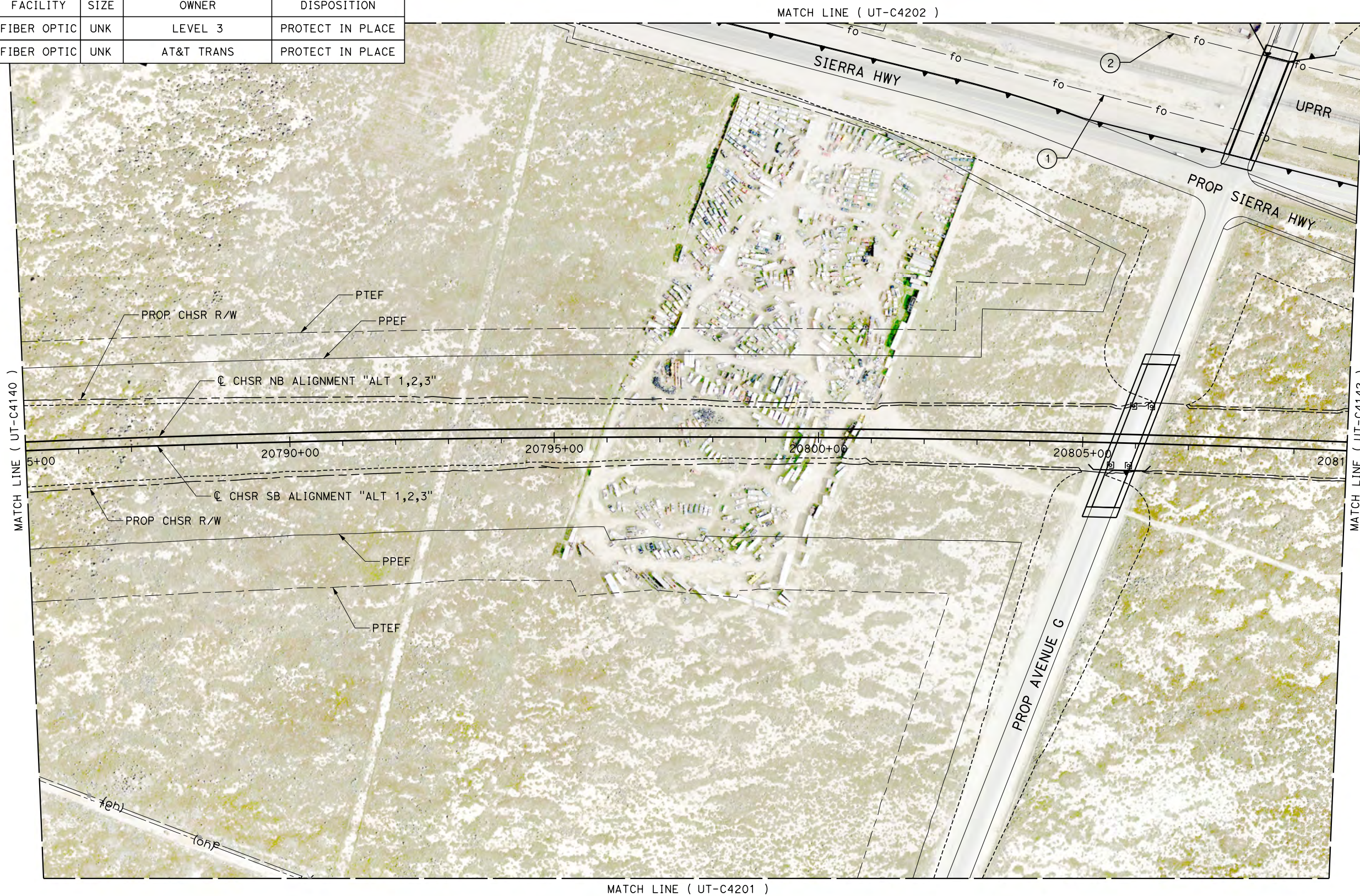


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20760+00 TO 20785+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4140
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	PROTECT IN PLACE
2	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1\BP-UT-C4141.dgn
 11/7/2017 3:02:04 PM
 OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

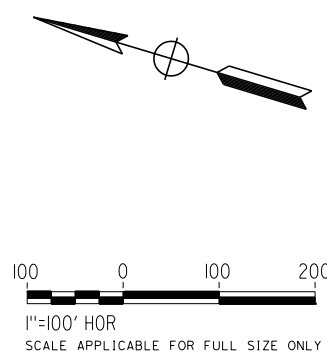
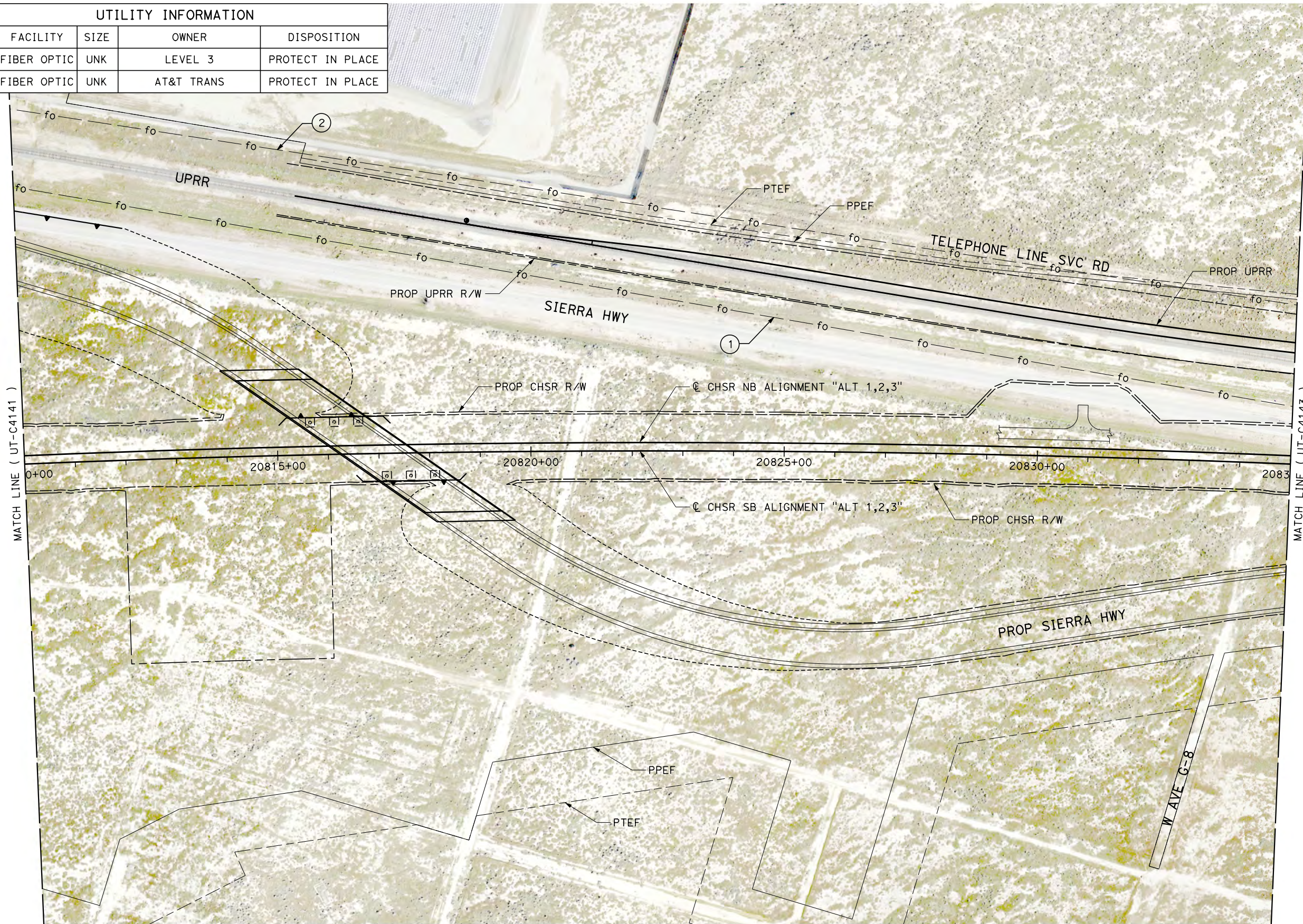


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**

 ALTERNATIVE 1,2,3
 COMPOSITE UTILITY PLAN
 STA 20785+00 TO 20810+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4141
 SCALE
AS SHOWN
 SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	PROTECT IN PLACE
2	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1_NBP-UT-C4142.dgn
 OIC:Adodge 11/7/2017 2:56:03 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PECD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

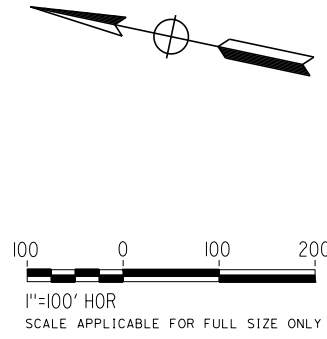
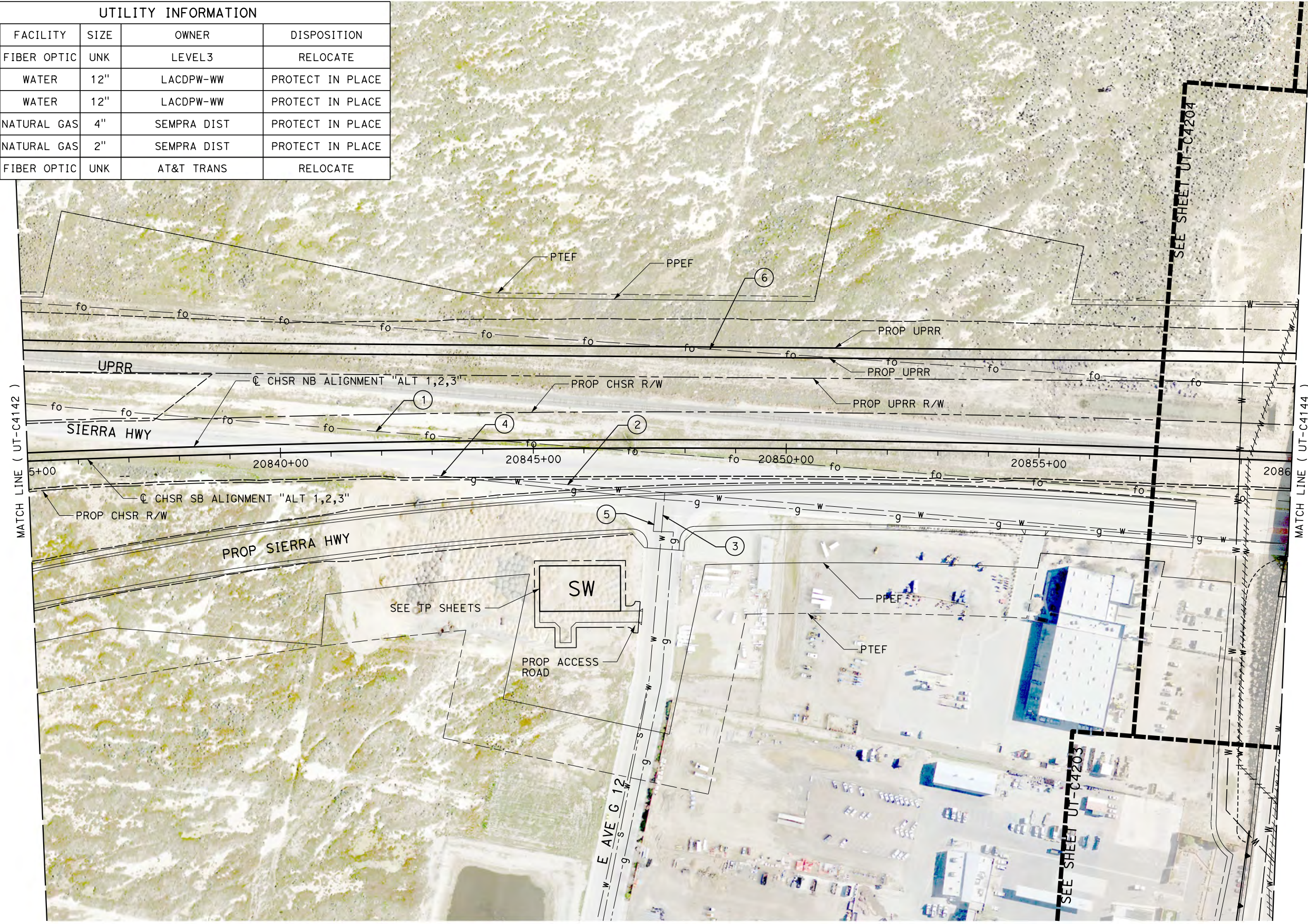
 ALTERNATIVE 1,2,3
 COMPOSITE UTILITY PLAN
 STA 20810+00 TO 20835+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4142
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\1\BP-UT-C4143.dgn

OIC: Adodge 11/7/2017 3:03:13 PM

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	RELOCATE
2	WATER	12"	LACDPW-WW	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	PROTECT IN PLACE
4	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
5	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
6	FIBER OPTIC	UNK	AT&T TRANS	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



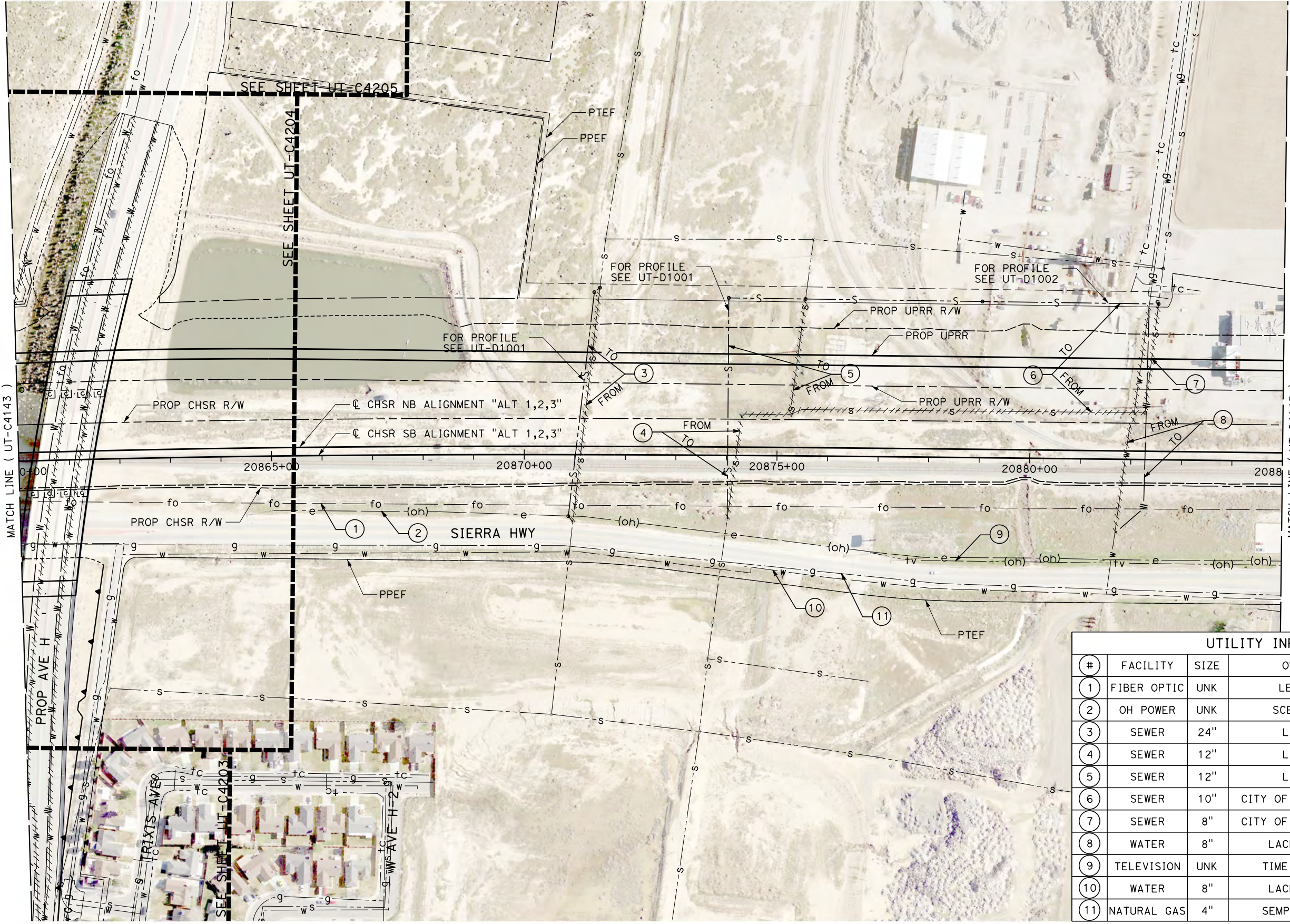
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20835+00 TO 20860+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4143
SCALE
AS SHOWN
SHEET NO.

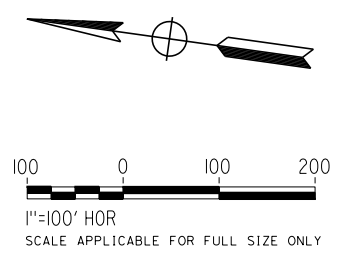
Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\1\1\BP-UT-C4144.dgn

OIC: Adodge 11/7/2017 3:02:09 PM



MATCH LINE (UT-C4143)

MATCH LINE (UT-C4145)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
2	OH POWER	UNK	SCE DIST	PROTECT IN PLACE
3	SEWER	24"	LACSD	RELOCATE
4	SEWER	12"	LACSD	RELOCATE
5	SEWER	12"	LACSD	RELOCATE
6	SEWER	10"	CITY OF LANCASTER	RELOCATE
7	SEWER	8"	CITY OF LANCASTER	REMOVE
8	WATER	8"	LACDPW-WW	RELOCATE
9	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
10	WATER	8"	LACDPW-WW	PROTECT IN PLACE
11	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

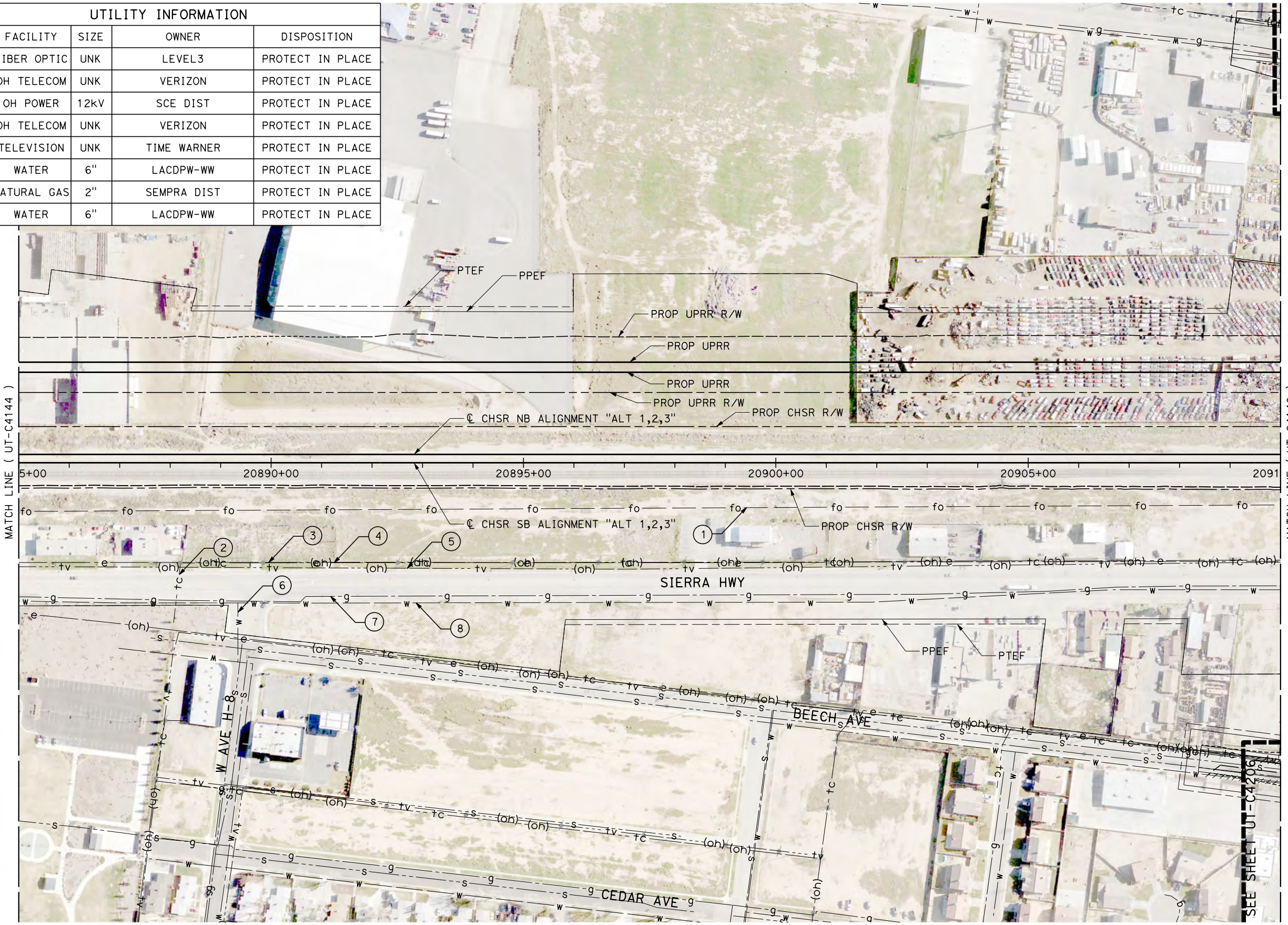


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20860+00 TO 20885+00

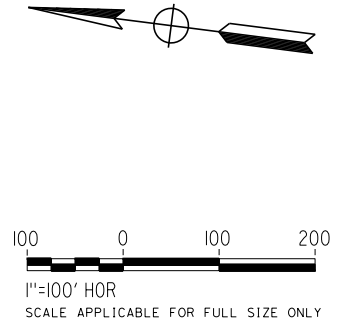
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4144
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
2	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
3	OH POWER	12KV	SCE DIST	PROTECT IN PLACE
4	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
5	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
6	WATER	6"	LACDPW-WW	PROTECT IN PLACE
7	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
8	WATER	6"	LACDPW-WW	PROTECT IN PLACE



MATCH LINE (UT-C4144)

MATCH LINE (UT-C4146)



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4145.dgn

11/7/2017 3:02:12 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20885+00 TO 20910+00

CONTRACT NO.
HSR13-44

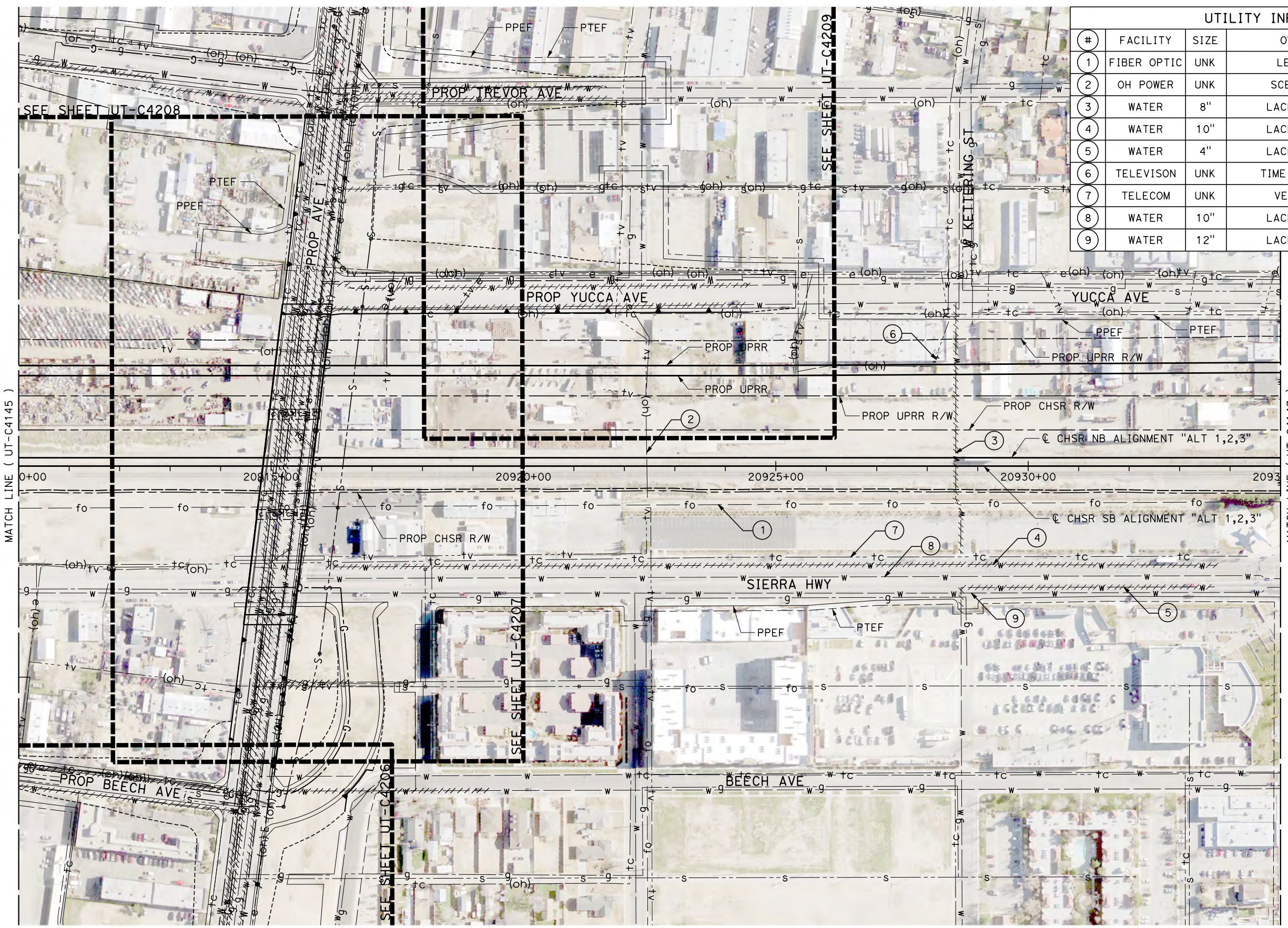
DRAWING NO.
UT-C4145

SCALE
AS SHOWN

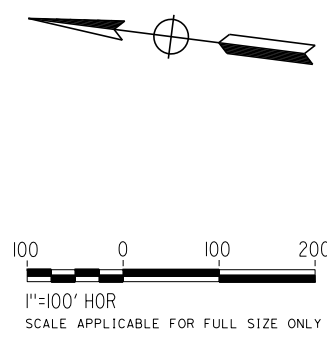
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1\BP_UT-C4146.dgn

OIC:Adodge 11/7/2017 3:03:11 PM



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
2	OH POWER	UNK	SCE DIST	RELOCATE
3	WATER	8"	LACDPW-WW	REMOVE
4	WATER	10"	LACDPW-WW	REMOVE
5	WATER	4"	LACDPW-WW	REMOVE
6	TELEVISION	UNK	TIME WARNER	RELOCATE
7	TELECOM	UNK	VERIZON	PROTECT IN PLACE
8	WATER	10"	LACDPW-WW	PROTECT IN PLACE
9	WATER	12"	LACDPW-WW	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



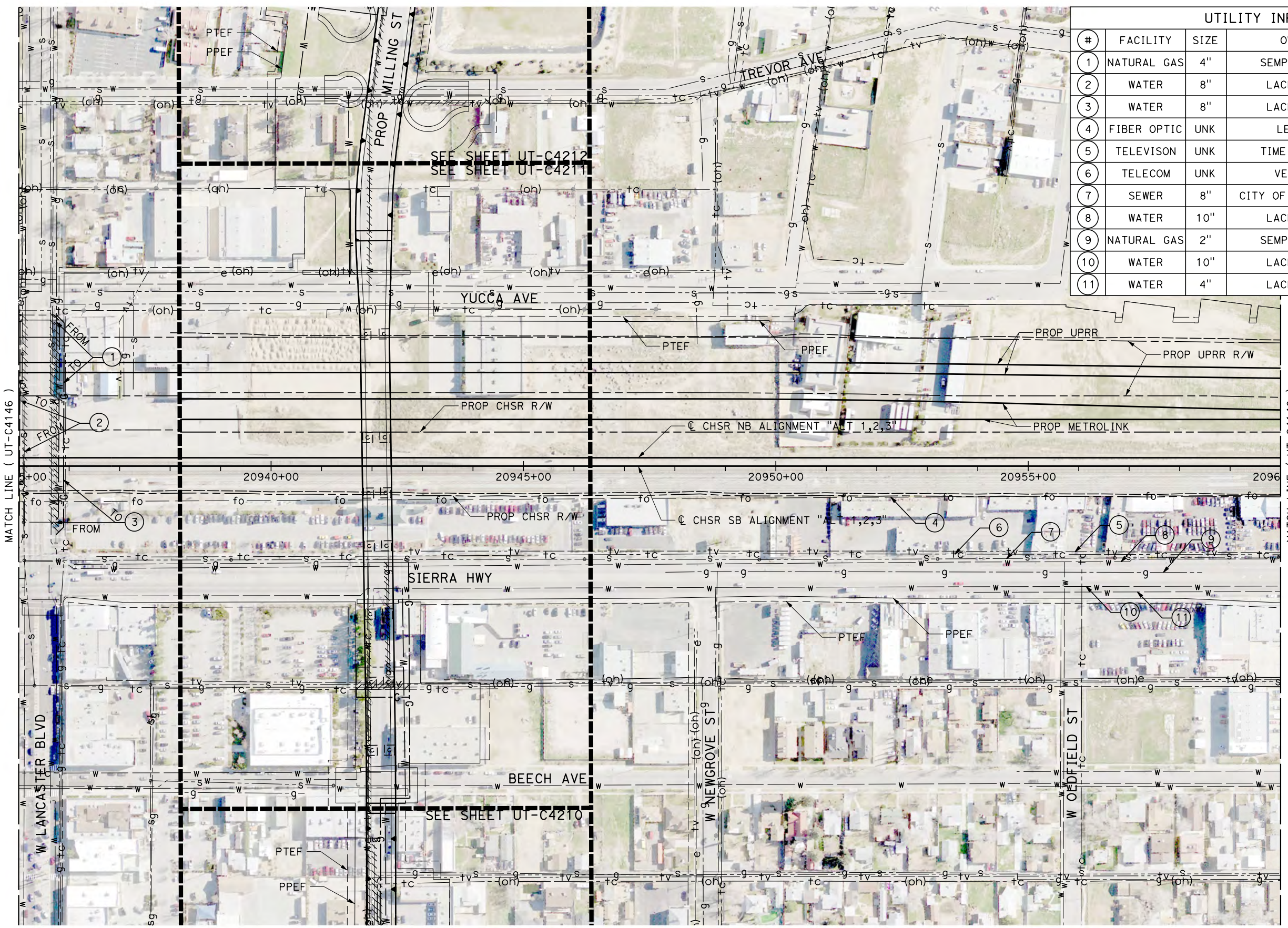
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20910+00 TO 20935+00

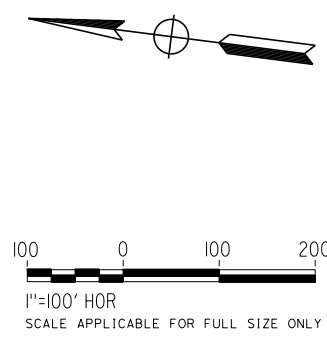
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4146
SCALE
AS SHOWN
SHEET NO.

Projects\701206_00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1_NBP-UT-C4147.dgn

11/7/2017 3:11:00 PM OIC.ADodge



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
2	WATER	8"	LACDPW-WW	RELOCATE
3	WATER	8"	LACDPW-WW	RELOCATE
4	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
5	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
6	TELECOM	UNK	VERIZON	PROTECT IN PLACE
7	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
8	WATER	10"	LACDPW-WW	PROTECT IN PLACE
9	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
10	WATER	10"	LACDPW-WW	PROTECT IN PLACE
11	WATER	4"	LACDPW-WW	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

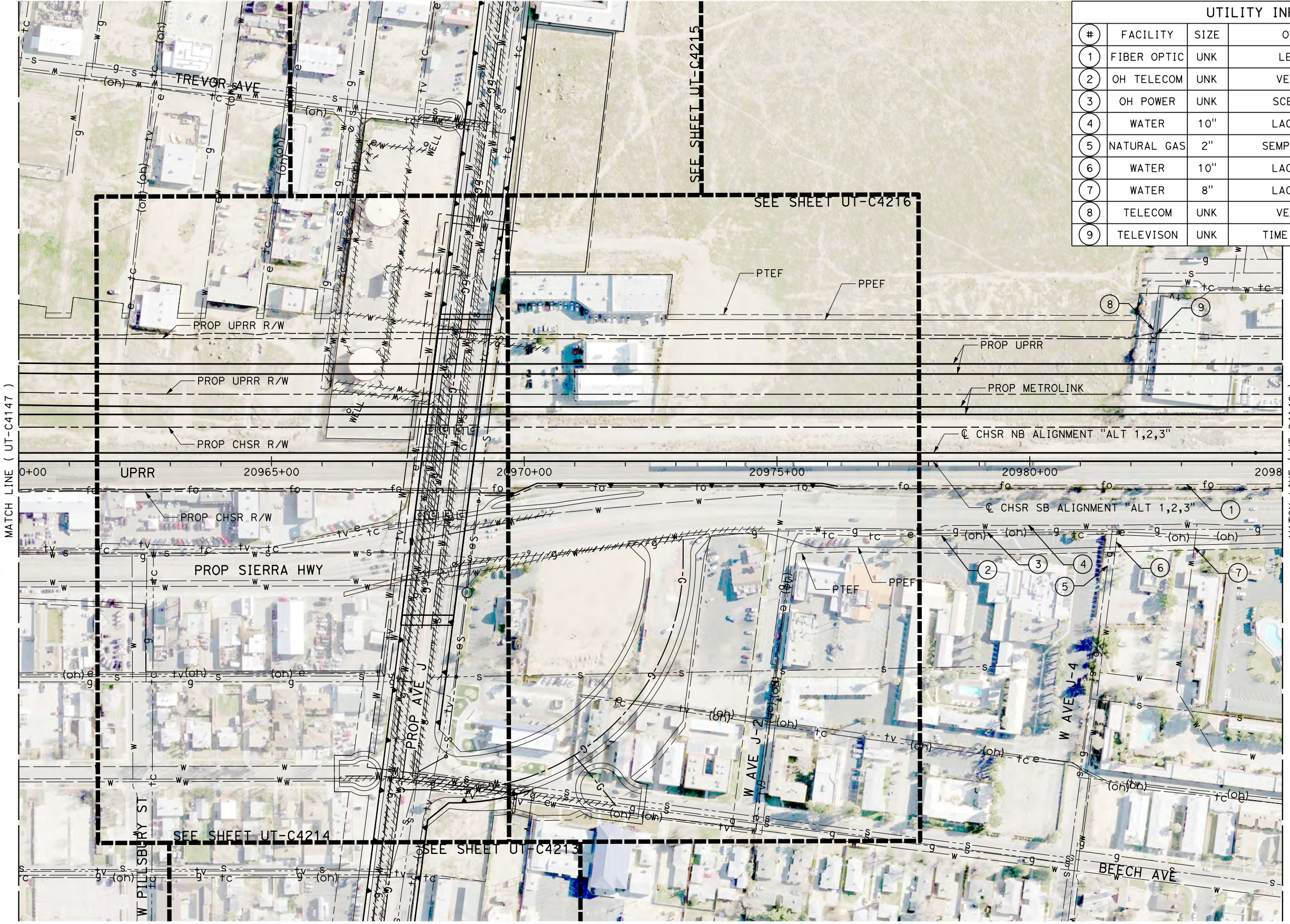
ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20935+00 TO 20960+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4147
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\AI\1\BP-UT-C4148.dgn

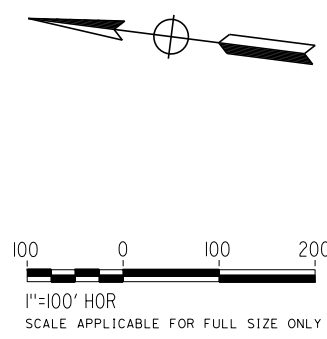
OIC: Adodge 11/7/2017 3:01:15 PM

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	RELOCATE
2	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE
3	OH POWER	UNK	SCE DIST	PROTECT IN PLACE
4	WATER	10"	LACDP-WW	PROTECT IN PLACE
5	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
6	WATER	10"	LACDP-WW	PROTECT IN PLACE
7	WATER	8"	LACDP-WW	PROTECT IN PLACE
8	TELECOM	UNK	VERIZON	REMOVE
9	TELEVISION	UNK	TIME WARNER	REMOVE



MATCH LINE (UT-C4147)

MATCH LINE (UT-C4149)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

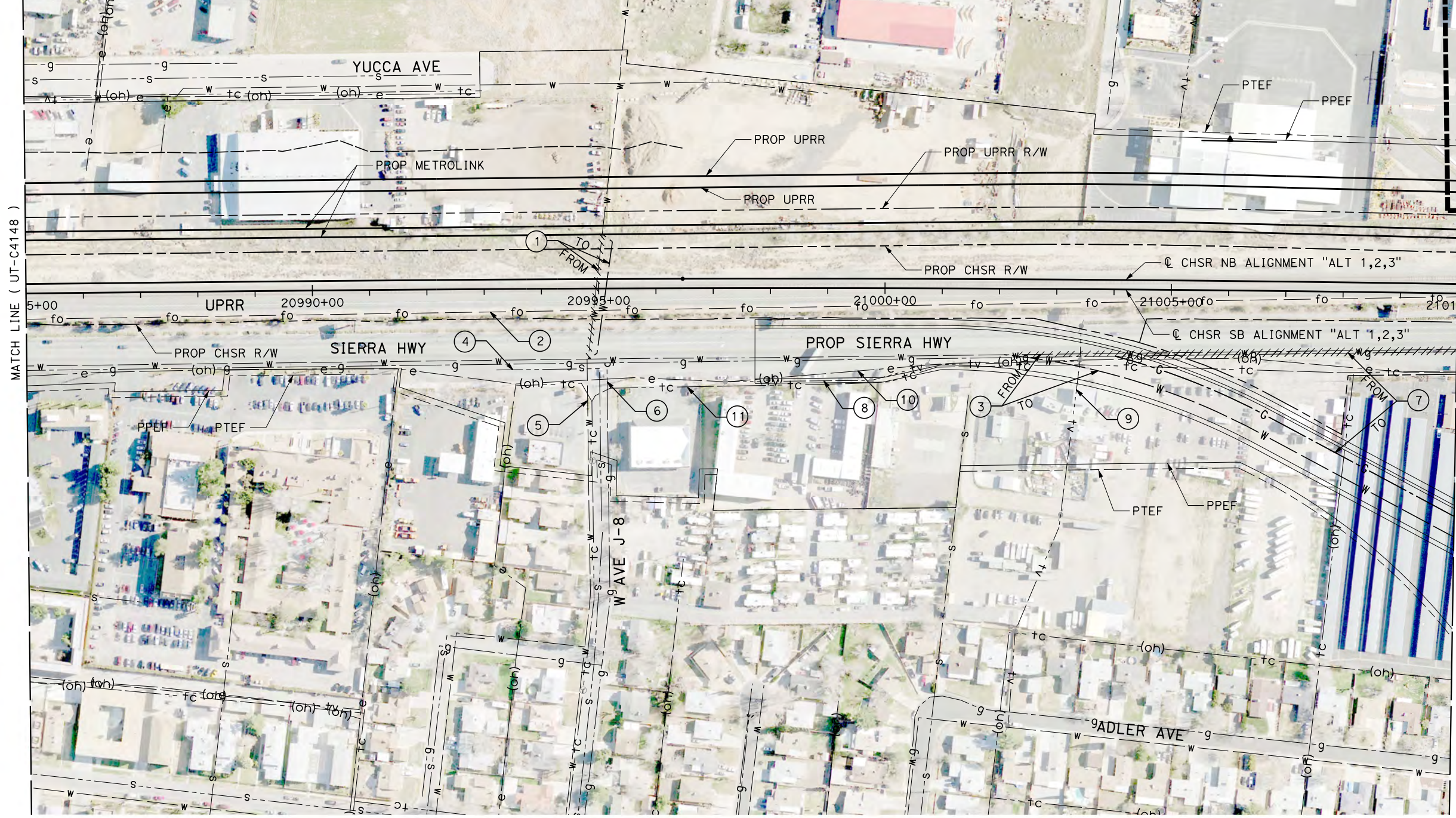


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20960+00 TO 20985+00

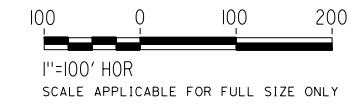
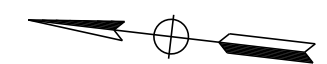
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4148
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				UTILITY INFORMATION CONT.					
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	RELOCATE	8	TELEVISION	UNK	TIME WARNER	RELOCATE
2	FIBER OPTIC	UNK	LEVEL3	RELOCATE	9	TELEVISION	UNK	TIME WARNER	RELOCATE
3	WATER	10"	LACDPW-WW	RELOCATE	10	OH POWER	12KV	SCE DIST	RELOCATE
4	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE	11	TELECOM	UNK	VERIZON	PROTECT IN PLACE
5	WATER	6"	LACDPW-WW	PROTECT IN PLACE					
6	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE					
7	NATURAL GAS	4"	SEMPRA DIST	RELOCATE					



MATCH LINE (UT-C4148)

MATCH LINE (UT-C4150)



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP_UT-C4149.dgn

OIC: Adodge 11/7/2017 3:02:17 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



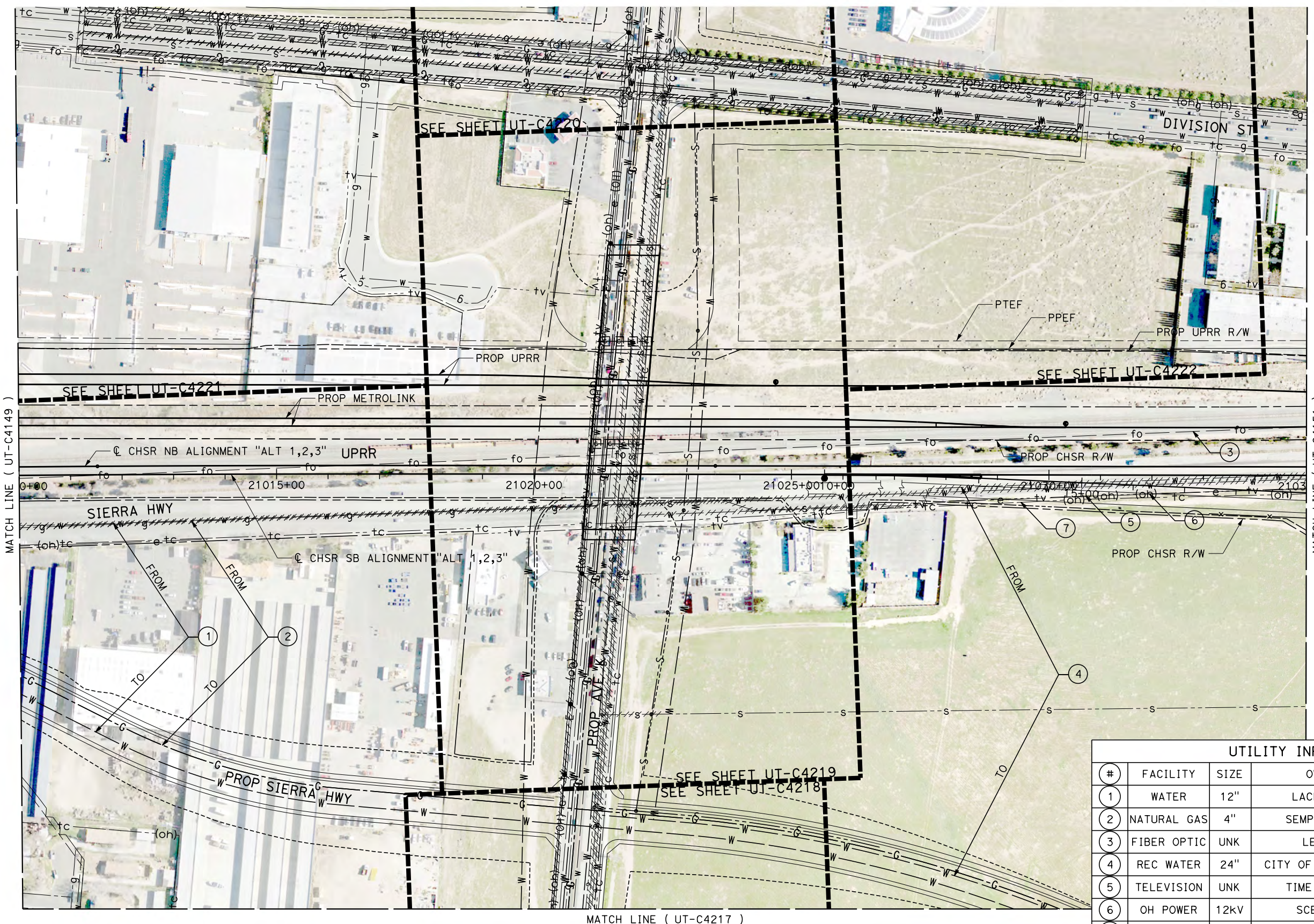
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20985+00 TO 21010+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4149
SCALE
AS SHOWN
SHEET NO.

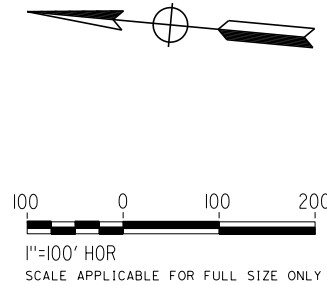
Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\UT\A1\1_NBP_UT-C4150.dgn

OIC: Adodge 11/7/2017 3:04:59 PM



MATCH LINE (UT-C4149)

MATCH LINE (UT-C4151)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	RELOCATE
2	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
3	FIBER OPTIC	UNK	LEVEL3	RELOCATE
4	REC WATER	24"	CITY OF LANCASTER	RELOCATE
5	TELEVISION	UNK	TIME WARNER	RELOCATE
6	OH POWER	12KV	SCE DIST	RELOCATE
7	OH TELECOM	UNK	VERIZON	RELOCATE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



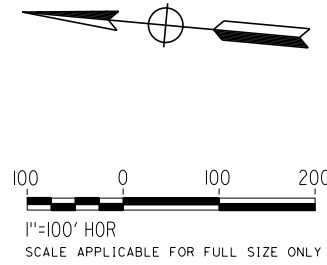
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 21010+00 TO 21035+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4150
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4151.dgn

OIC: Adodge 11/7/2017 3:01:01 PM



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
2	NATURAL GAS	4"	SEMPRA DIST	RELOCATE
3	WATER	10"	LACDPW-WW	RELOCATE
4	WATER	10"	LACDPW-WW	RELOCATE
5	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
6	OH POWER	12KV	SCE DIST	RELOCATE
7	REC WATER	24"	CITY OF LANCASTER	RELOCATE
8	WATER	12"	LACDPW-WW	RELOCATE
9	TELEVISION	UNK	TIME WARNER	RELOCATE
10	GWTR WELL	UNK	USGS	RELOCATE
11	OH TELECOM	UNK	VERIZON	RELOCATE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



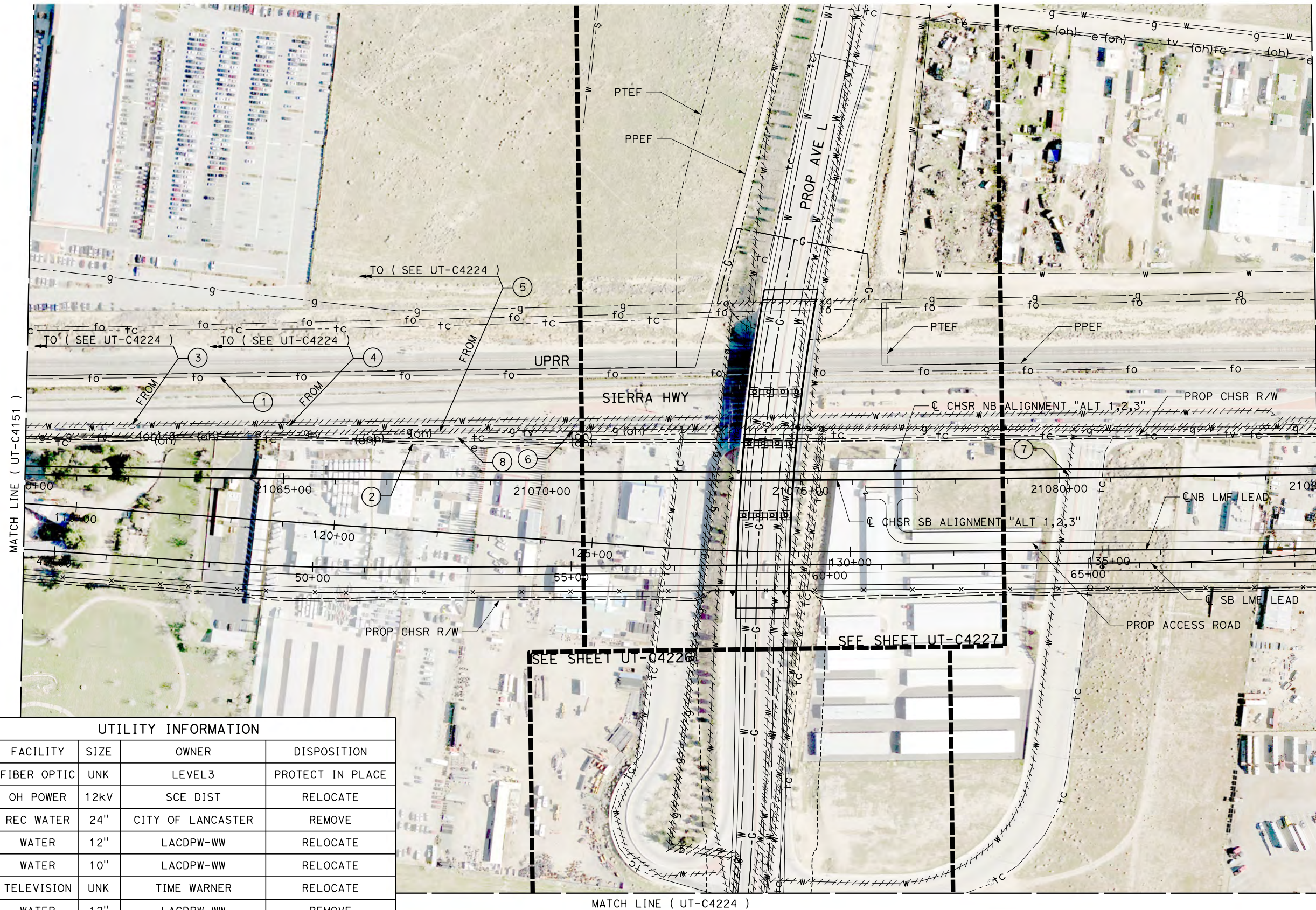
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 21035+00 TO 21060+00

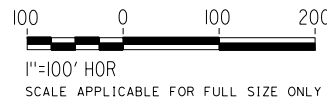
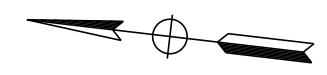
CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4151
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP_UT-C4152.dgn

OIC:Adodge 11/7/2017 2:35:09 PM



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
2	OH POWER	12kV	SCE DIST	RELOCATE
3	REC WATER	24"	CITY OF LANCASTER	REMOVE
4	WATER	12"	LACDPW-WW	RELOCATE
5	WATER	10"	LACDPW-WW	RELOCATE
6	TELEVISION	UNK	TIME WARNER	RELOCATE
7	WATER	12"	LACDPW-WW	REMOVE
8	OH TELECOM	UNK	VERIZON	RELOCATE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

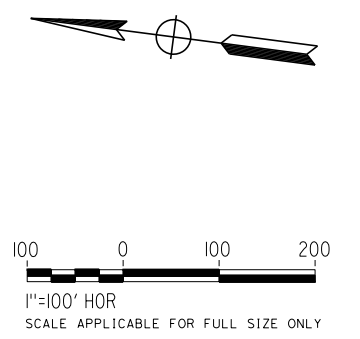
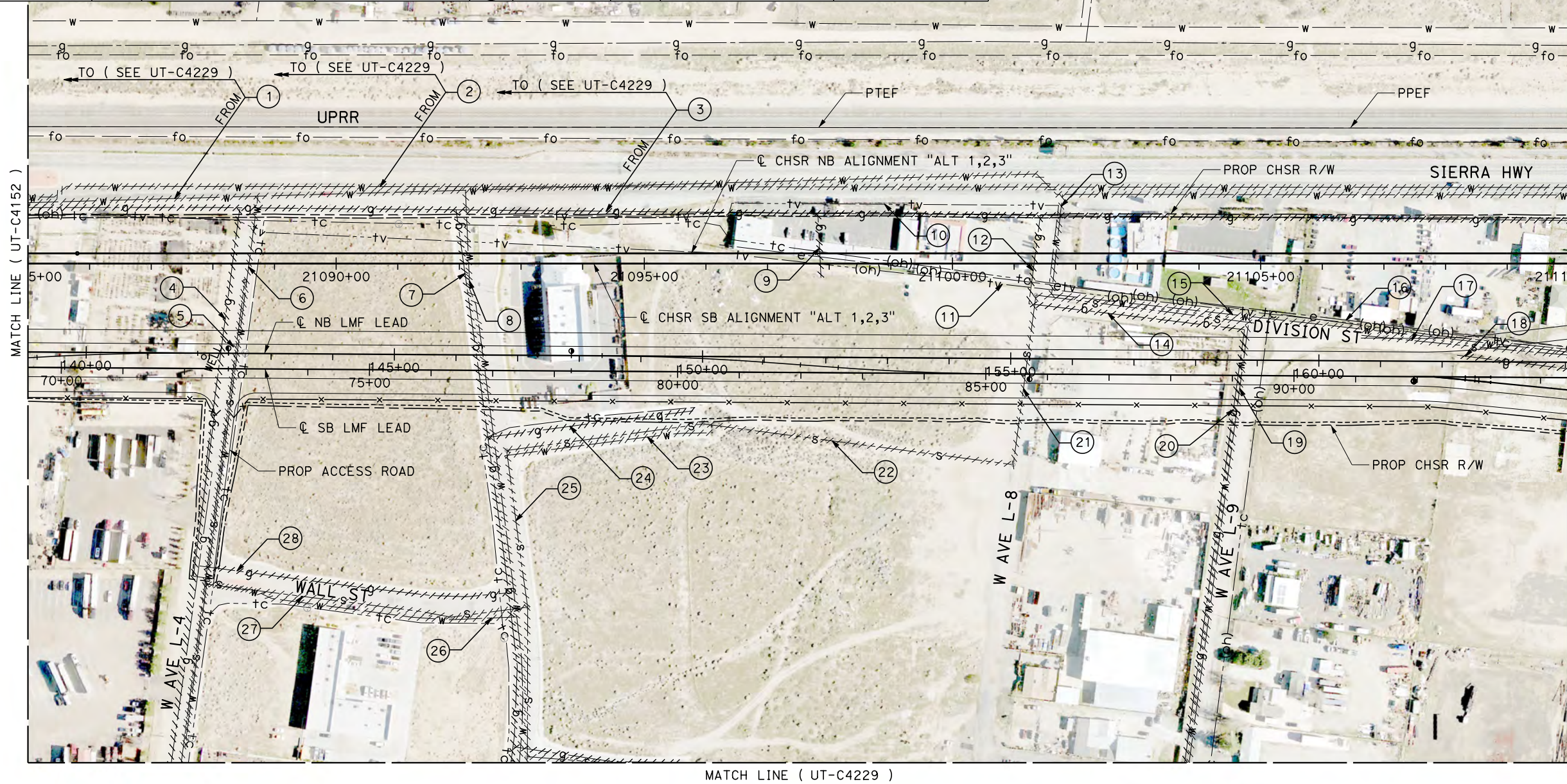


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 21060+00 TO 21085+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4152
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION					UTILITY INFORMATION CONT.					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	10"	LACDPW-WW	RELOCATE	11	TELEVISION	UNK	TIME WARNER	RELOCATE	21	SEWER	15"	LACSD	RELOCATE
2	REC WATER	24"	CITY OF LANCASTER	RELOCATE	12	NATURAL GAS	2"	SEMPRA DIST	RELOCATE	22	SEWER	15"	LACSD	RELOCATE
3	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	13	WATER	8"	LACDPW-WW	RELOCATE	23	WATER	10"	LACDPW-WW	RELOCATE
4	NATURAL GAS	2"	SEMPRA DIST	RELOCATE	14	NATURAL GAS	2"	SEMPRA DIST	RELOCATE	24	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
5	SEWER	8"	CITY OF LANCASTER	RELOCATE	15	WATER	8"	CITY OF LANCASTER	RELOCATE	25	SEWER	15"	LACSD	RELOCATE
6	WATER	12"	LACDPW-WW	RELOCATE	16	OH POWER	UNK	SCE DIST	RELOCATE	26	WATER	10"	LACDPW-WW	RELOCATE
7	NATURAL GAS	2"	SEMPRA DIST	RELOCATE	17	SEWER	15"	LACSD	RELOCATE	27	SEWER	15"	LACSD	RELOCATE
8	WATER	10"	LACDPW-WW	RELOCATE	18	NATURAL GAS	2"	SEMPRA DIST	RELOCATE	28	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
9	NATURAL GAS	2"	SEMPRA DIST	REMOVE	19	WATER	8"	LACDPW-WW	REMOVE					
10	TELEVISION	UNK	TIME WARNER	RELOCATE	20	NATURAL GAS	2"	SEMPRA DIST	REMOVE					



Projects\701206_00_CHSRBP\00_CADD\Sheet Files\UT-A\1\BP-UT-C4153.dgn 11/7/2017 2:37:33 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

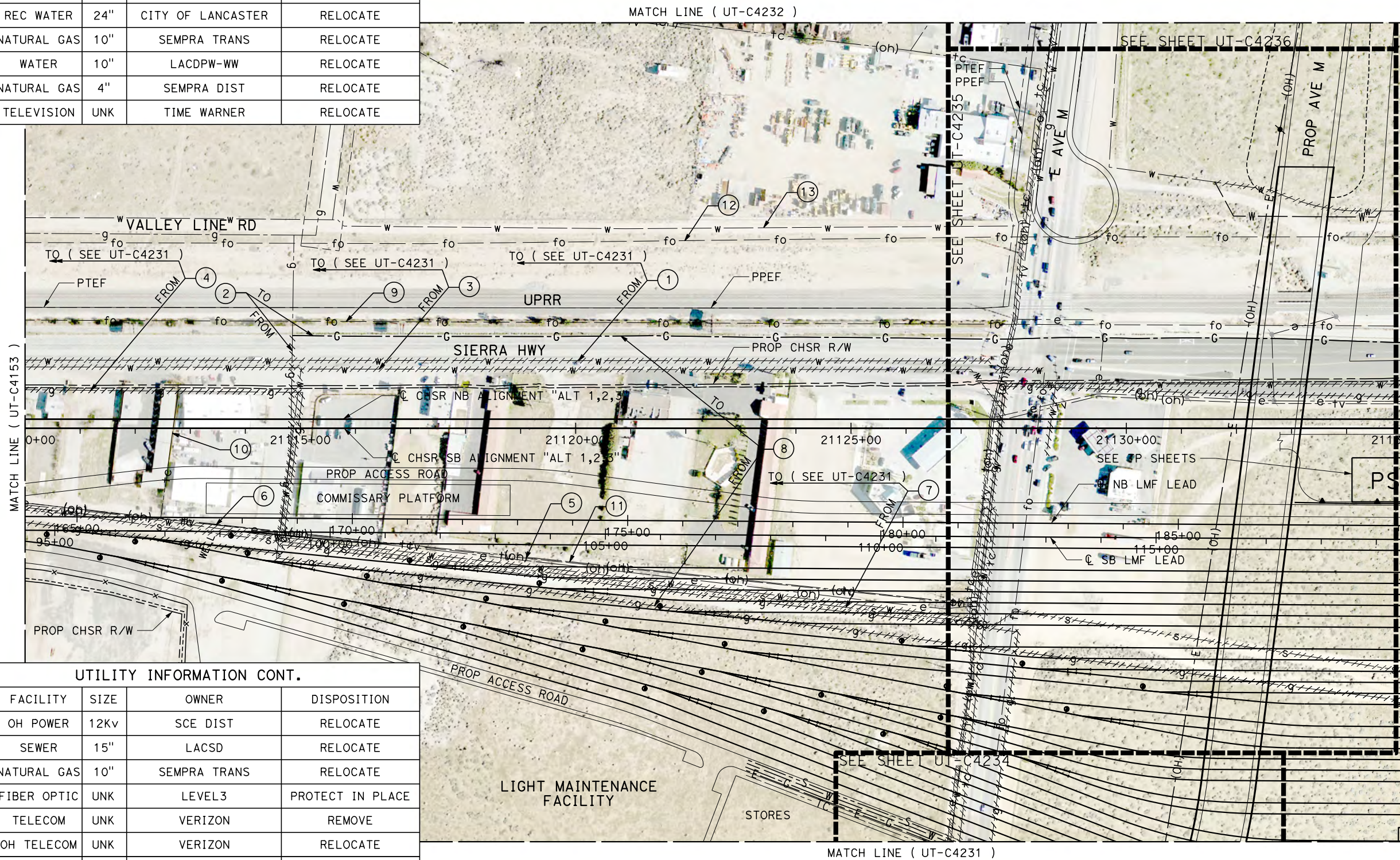


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

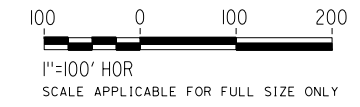
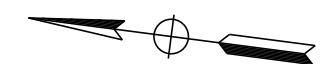
ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 21085+00 TO 21110+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4153
SCALE
AS SHOWN
SHEET NO.

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



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
6	OH POWER	12kv	SCE DIST	RELOCATE
7	SEWER	15"	LACSD	RELOCATE
8	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
9	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
10	TELECOM	UNK	VERIZON	REMOVE
11	OH TELECOM	UNK	VERIZON	RELOCATE
12	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
13	WATER	8"	LMWC	PROTECT IN PLACE



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4154.dgn 11/7/2017 2:37:39 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

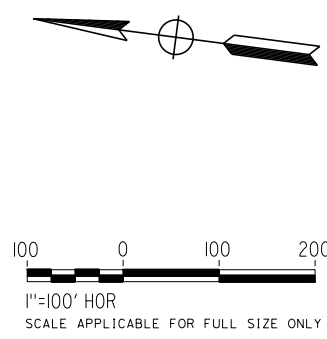
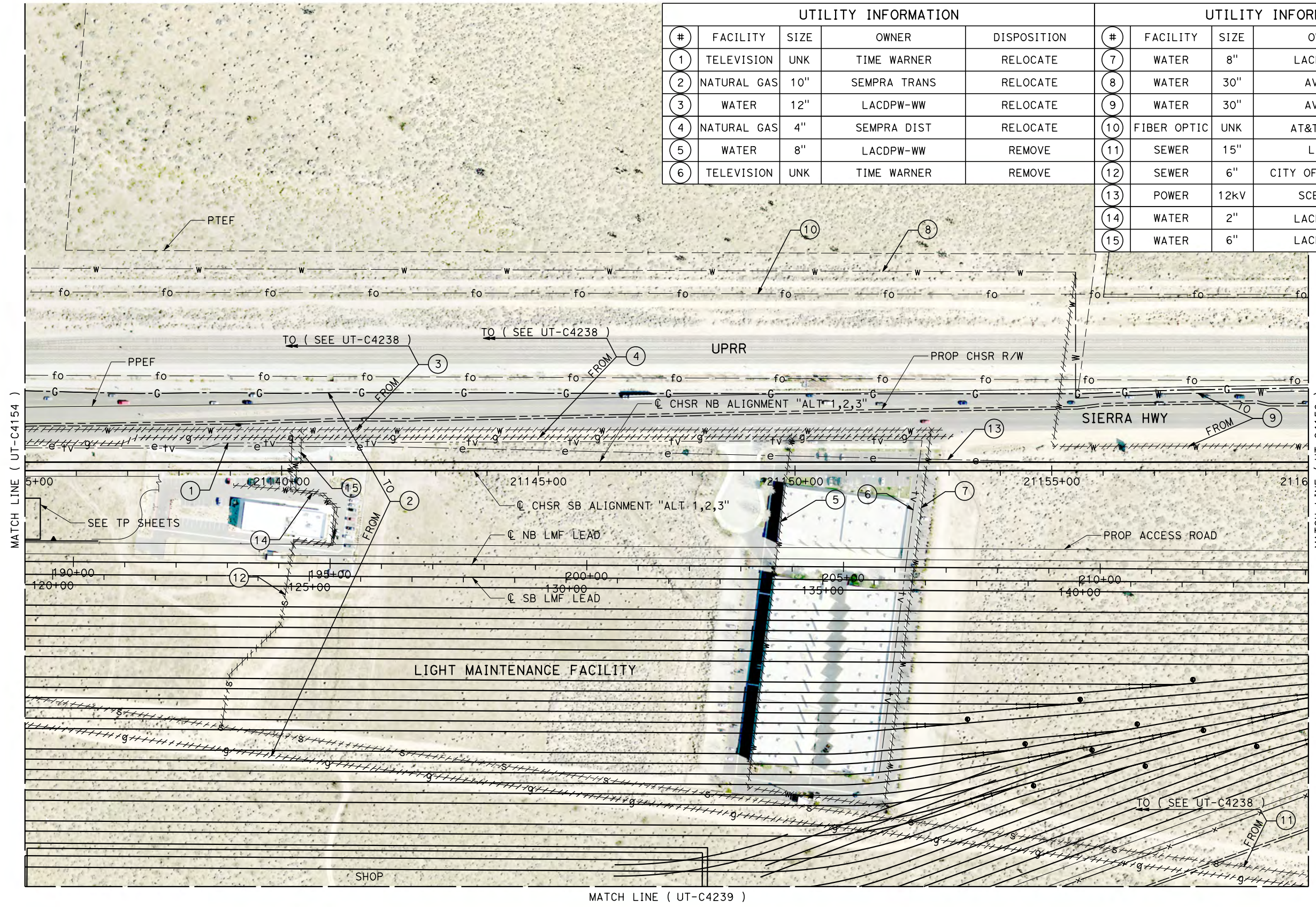
ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 21110+00 TO 21135+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4154
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4155.dgn

OIC: Adodge 11/7/2017 2:37:34 PM

UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELEVISION	UNK	TIME WARNER	RELOCATE	7	WATER	8"	LACDPW-WW	REMOVE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE	8	WATER	30"	AVEKWA	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	RELOCATE	9	WATER	30"	AVEKWA	RELOCATE
4	NATURAL GAS	4"	SEMPRA DIST	RELOCATE	10	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
5	WATER	8"	LACDPW-WW	REMOVE	11	SEWER	15"	LACSD	RELOCATE
6	TELEVISION	UNK	TIME WARNER	REMOVE	12	SEWER	6"	CITY OF PALMDALE	REMOVE
					13	POWER	12KV	SCE DIST	REMOVE
					14	WATER	2"	LACDPW-WW	REMOVE
					15	WATER	6"	LACDPW-WW	REMOVE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

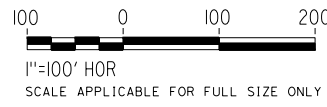
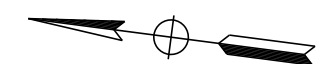
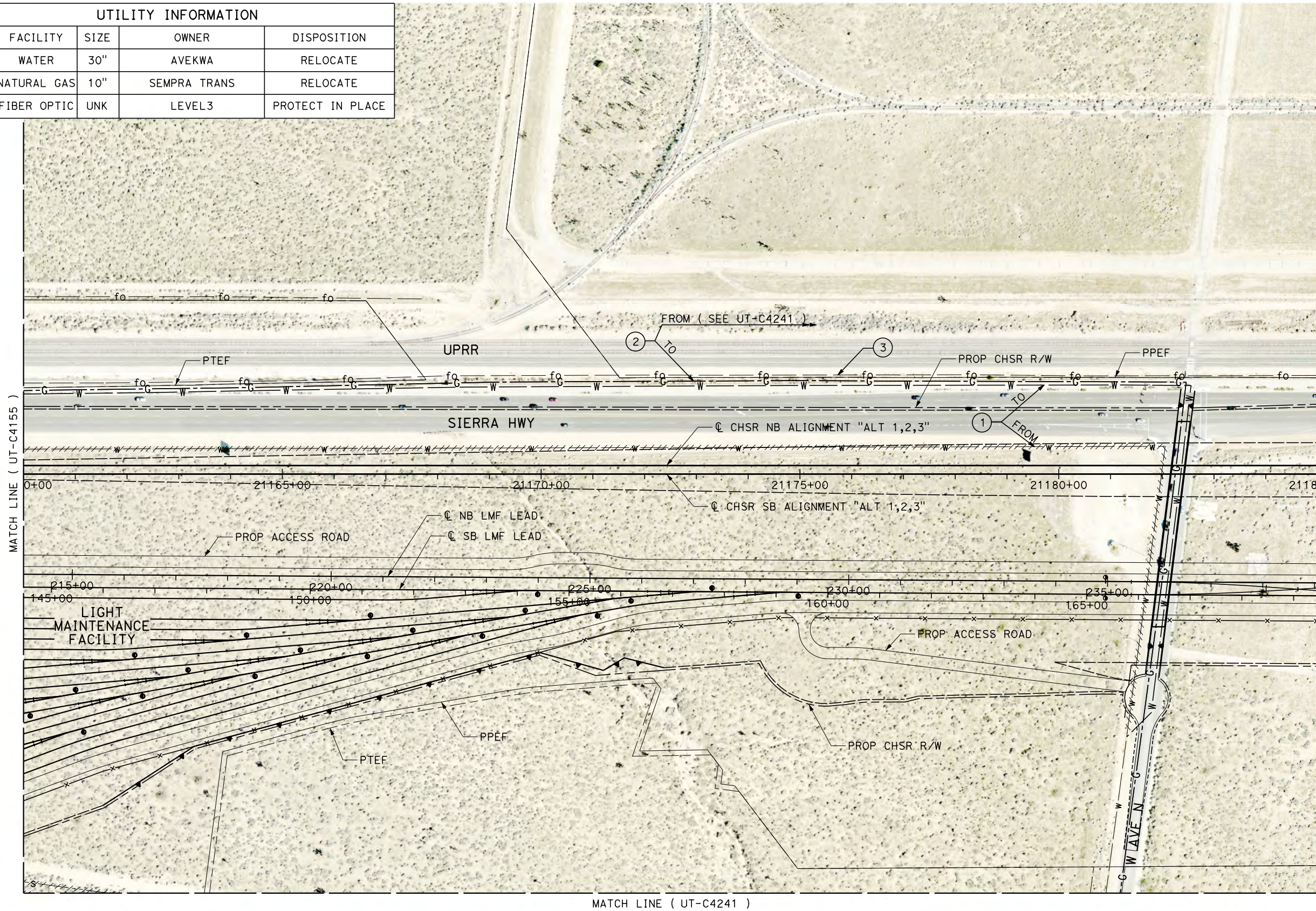


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 21135+00 TO 21160+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4155
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	30"	AVEKWA	RELOCATE
2	NATURAL GAS	10"	SEMPRA TRANS	RELOCATE
3	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1\BP_UT-C4156.dgn
 OIC:Adodge 11/7/2017 2:39:03 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PECD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

 ALTERNATIVE 1,2,3
 COMPOSITE UTILITY PLAN
 STA 21160+00 TO 21185+00

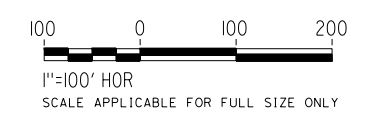
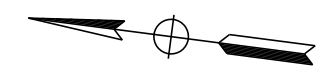
CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4156
 SCALE
AS SHOWN
 SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE



MATCH LINE (UT-C4156)

MATCH LINE (UT-C4158)



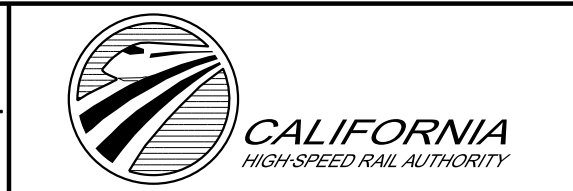
Projects\01206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4157.dgn 11/7/2017 2:40:29 PM OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 21185+00 TO 21210+00

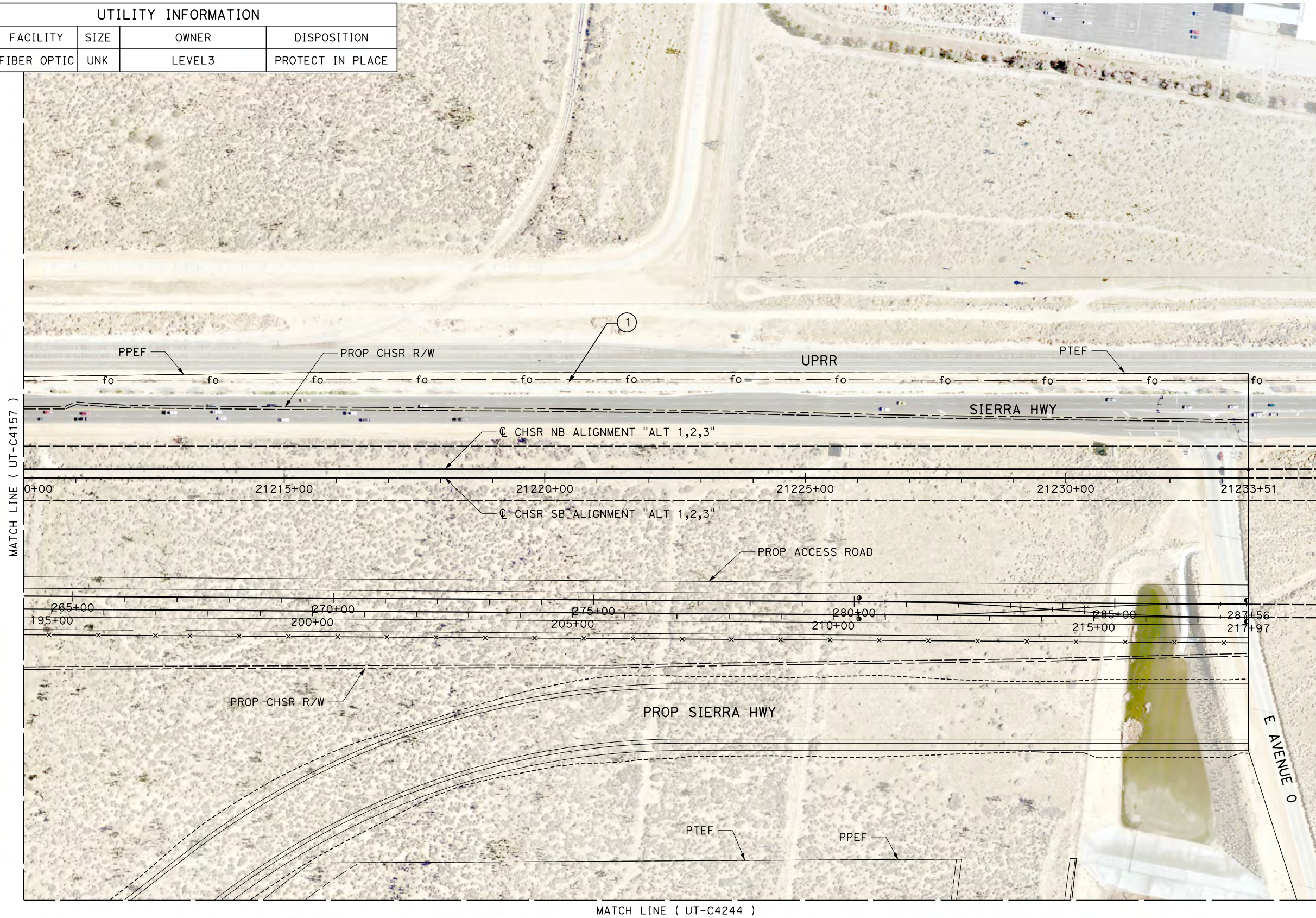
CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4157

SCALE
AS SHOWN

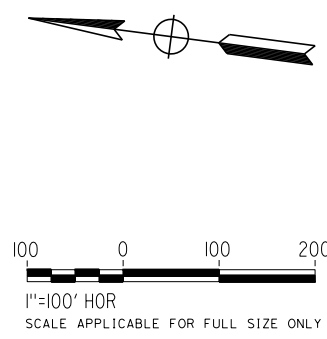
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE



MATCH LINE (UT-C4157)

MATCH LINE (UT-C4244)



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4158.dgn

OIC: Adodge 11/7/2017 2:40:24 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY D. CONYERS
DRAWN BY H. TU
CHECKED BY D. ARUTA
IN CHARGE S. SMITH
DATE 10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 21210+00 TO 21235+00

CONTRACT NO. HSR13-44
DRAWING NO. UT-C4158
SCALE AS SHOWN
SHEET NO.

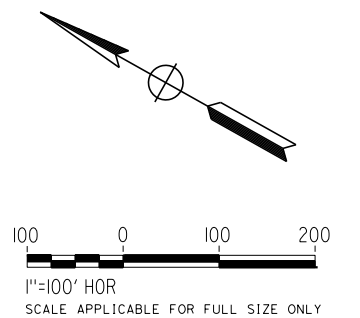
Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4159.dgn 11/7/2017 3:42:01 PM OIC:Adodge

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH POWER	220kV	SCE TRANS	RELOCATE
2	OH POWER	220kV	SCE TRANS	RELOCATE
3	OH POWER	220kV	SCE TRANS	PROTECT IN PLACE
4	OH POWER	220kV	SCE TRANS	PROTECT IN PLACE
5	OH POWER		SCE TRANS	PROTECT IN PLACE
6	OH POWER		SCE TRANS	PROTECT IN PLACE
7	OH POWER		SCE TRANS	PROTECT IN PLACE
8	NATURAL GAS	34"	PGE&E TRANS	PROTECT IN PLACE



PLAN

MATCH LINE (UT-C4088)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,5
COMPOSITE UTILITY PLAN
STA 19460+00 TO 19485+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4159
SCALE
AS SHOWN
SHEET NO.

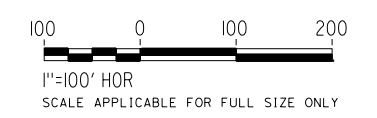
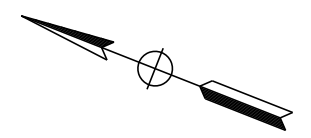
Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1\BP-UT-C4201.dgn

OIC:ADodge 11/7/2017 3:03:50 PM

MATCH LINE (UT-C4141)



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	OH CABLE	UNK	TIME WARNER	PROTECT IN PLACE
2	OH POWER	66KV	SCE TRANS	PROTECT IN PLACE
3	OH TELECOM	UNK	VERIZON	PROTECT IN PLACE

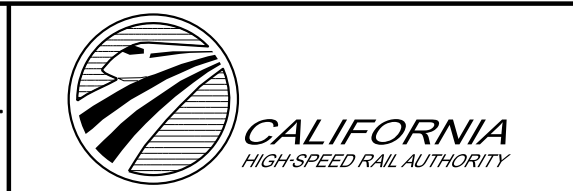


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

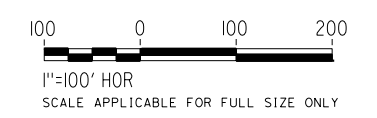
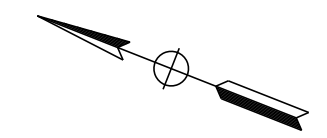
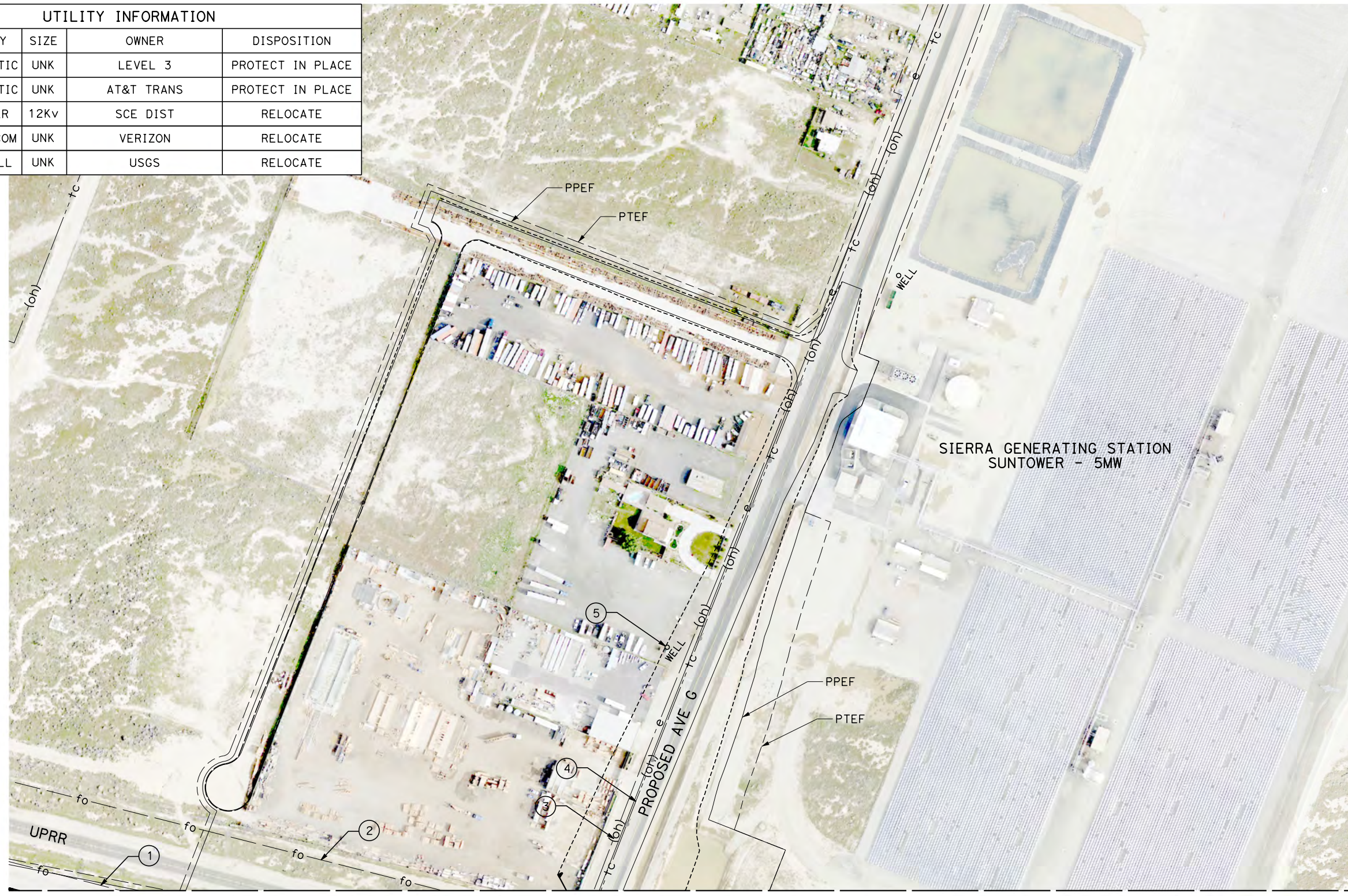


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20785+00 TO 20810+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4201
SCALE
AS SHOWN
SHEET NO.

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	PROTECT IN PLACE
2	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
3	OH POWER	12Kv	SCE DIST	RELOCATE
4	OH TELECOM	UNK	VERIZON	RELOCATE
5	GWTR WELL	UNK	USGS	RELOCATE



Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1\BP-UT-C4202.dgn
 11/7/2017 3:03:54 PM
 OIC:Adodge

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
 DRAWN BY
H. TU
 CHECKED BY
D. ARUTA
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**



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

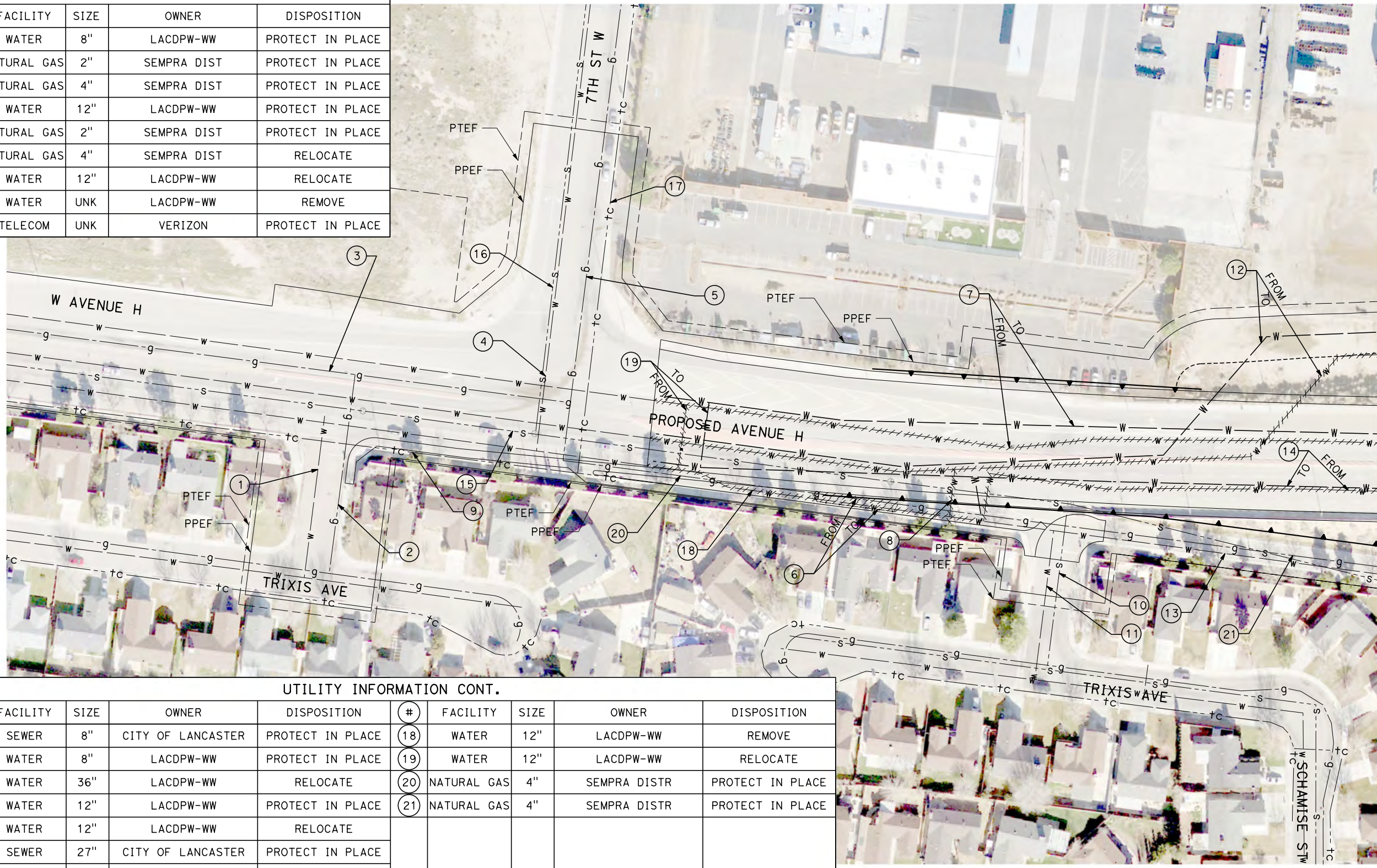
 ALTERNATIVE 1,2,3
 COMPOSITE UTILITY PLAN
 STA 20785+00 TO 20810+00

CONTRACT NO.
HSR13-44
 DRAWING NO.
UT-C4202
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A\1\BP-UT-C4203.dgn

OIC: Adodge 11/7/2017 2:38:54 PM

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



MATCH LINE (UT-C4204)

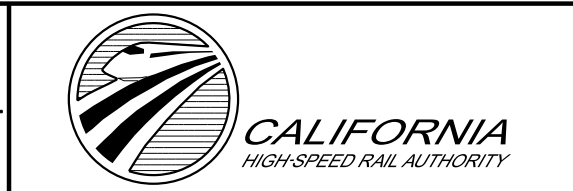
UTILITY INFORMATION CONT.									
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
10	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE	18	WATER	12"	LACDPW-WW	REMOVE
11	WATER	8"	LACDPW-WW	PROTECT IN PLACE	19	WATER	12"	LACDPW-WW	RELOCATE
12	WATER	36"	LACDPW-WW	RELOCATE	20	NATURAL GAS	4"	SEMPRA DISTR	PROTECT IN PLACE
13	WATER	12"	LACDPW-WW	PROTECT IN PLACE	21	NATURAL GAS	4"	SEMPRA DISTR	PROTECT IN PLACE
14	WATER	12"	LACDPW-WW	RELOCATE					
15	SEWER	27"	CITY OF LANCASTER	PROTECT IN PLACE					
16	SEWER	15"	CITY OF LANCASTER	PROTECT IN PLACE					
17	TELECOM	UNK	VERIZON	PROTECT IN PLACE					

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20835+00 TO 20885+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4203

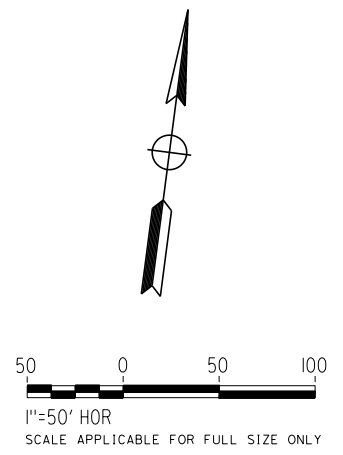
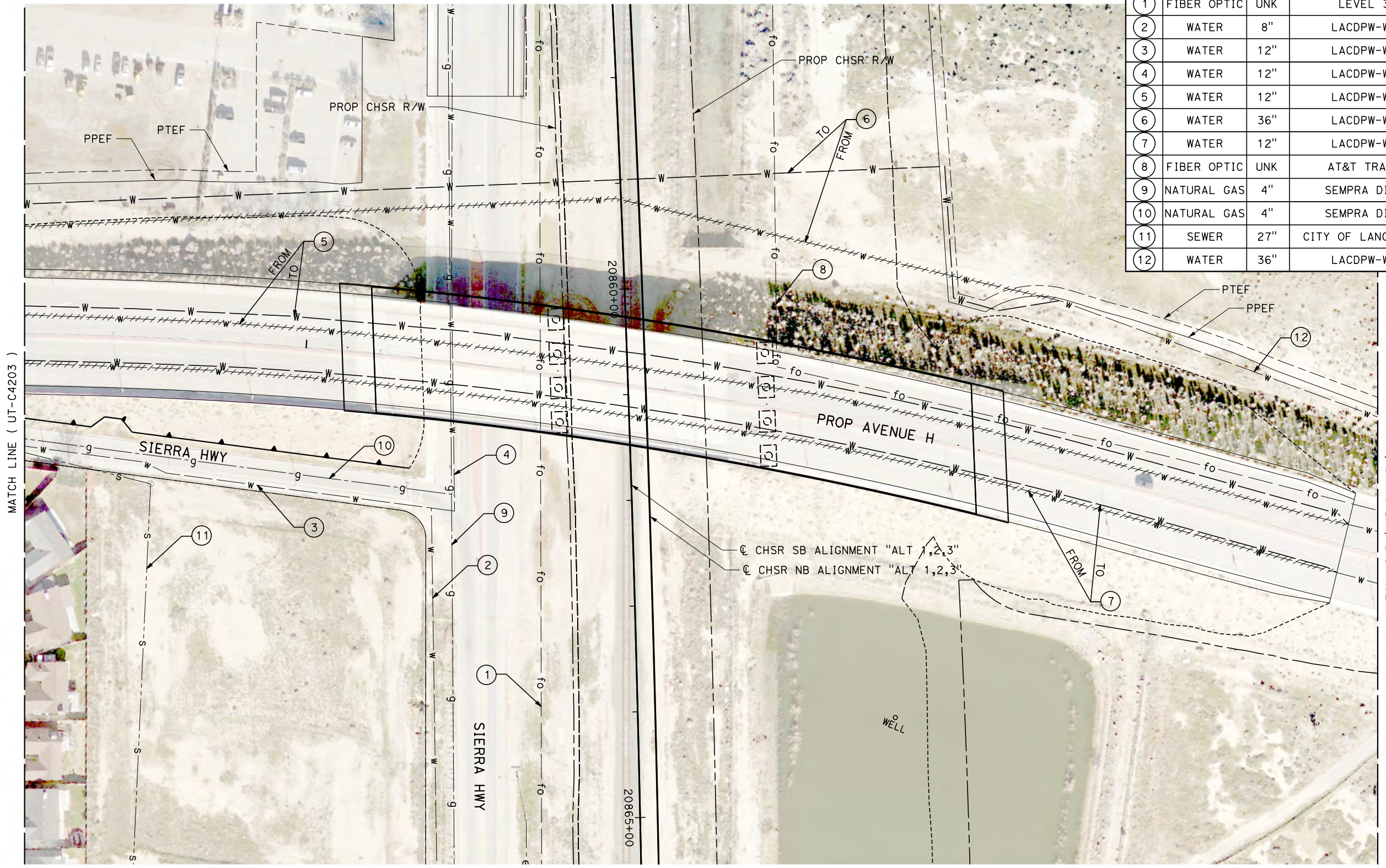
SCALE
AS SHOWN

SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1\BP-UT-C4204.dgn

OIC:ADodge 11/7/2017 3:40:53 PM

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	FIBER OPTIC	UNK	LEVEL 3	RELOCATE
2	WATER	8"	LACDPW-WW	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	PROTECT IN PLACE
4	WATER	12"	LACDPW-WW	PROTECT IN PLACE
5	WATER	12"	LACDPW-WW	RELOCATE
6	WATER	36"	LACDPW-WW	RELOCATE
7	WATER	12"	LACDPW-WW	RELOCATE
8	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE
9	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
10	NATURAL GAS	4"	SEMPRA DIST	PROTECT IN PLACE
11	SEWER	27"	CITY OF LANCASTER	PROTECT IN PLACE
12	WATER	36"	LACDPW-WW	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS

DRAWN BY
H. TU

CHECKED BY
D. ARUTA

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20835+00 TO 20885+00

CONTRACT NO.
HSR13-44

DRAWING NO.
UT-C4204

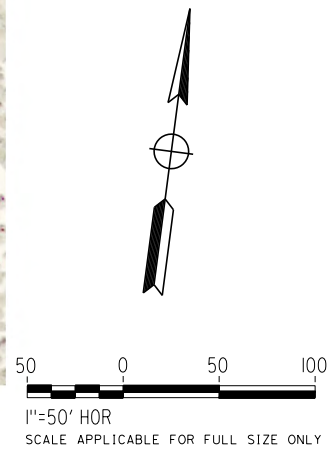
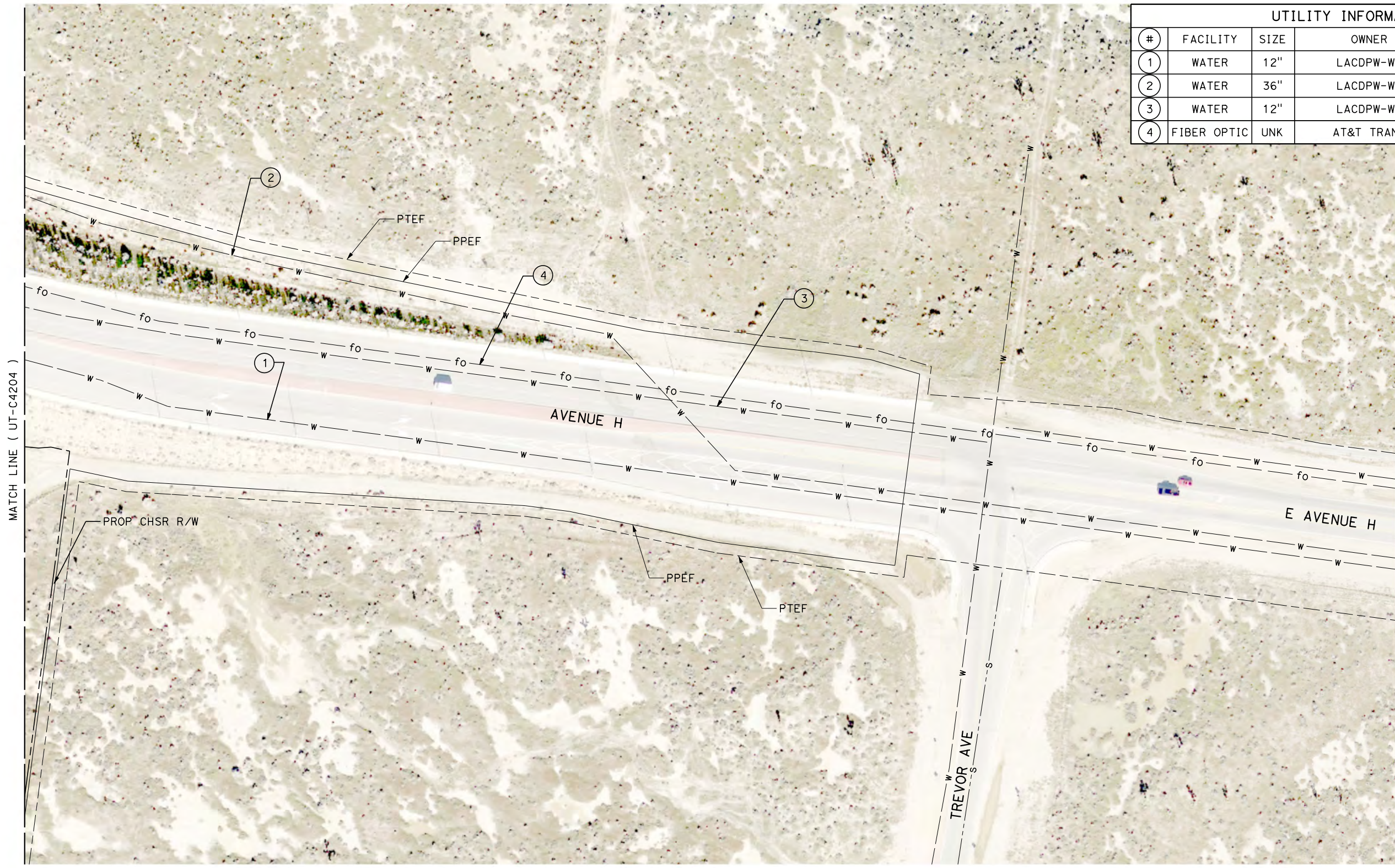
SCALE
AS SHOWN

SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1_NBP-UT-C4205.dgn

OIC:ADodge 11/7/2017 2:39:06 PM

UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	12"	LACDPW-WW	PROTECT IN PLACE
2	WATER	36"	LACDPW-WW	PROTECT IN PLACE
3	WATER	12"	LACDPW-WW	PROTECT IN PLACE
4	FIBER OPTIC	UNK	AT&T TRANS	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

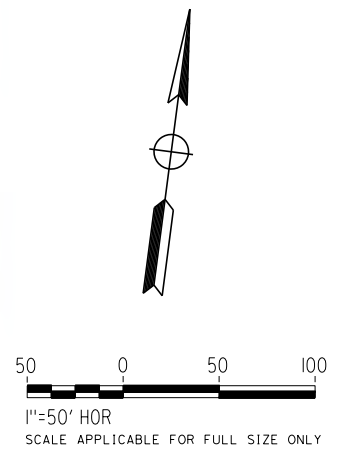
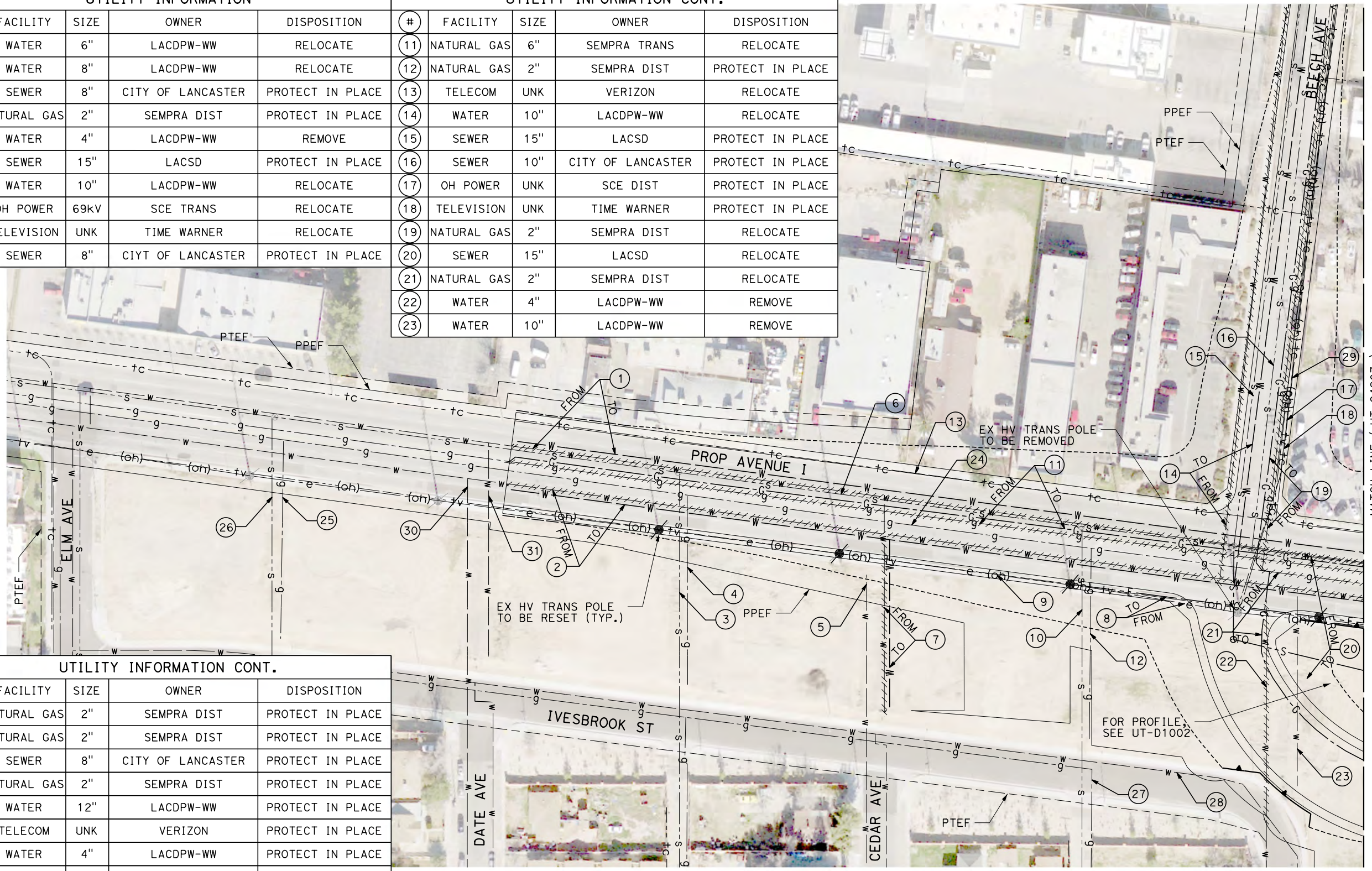
ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20835+00 TO 20885+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4205
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\A1\1_NBP-UT-C4206.dgn 11/7/2017 2:37:40 PM OIC..Adodge

UTILITY INFORMATION					UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION	#	FACILITY	SIZE	OWNER	DISPOSITION
1	WATER	6"	LACDPW-WW	RELOCATE	11	NATURAL GAS	6"	SEMPRA TRANS	RELOCATE
2	WATER	8"	LACDPW-WW	RELOCATE	12	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
3	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE	13	TELECOM	UNK	VERIZON	RELOCATE
4	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE	14	WATER	10"	LACDPW-WW	RELOCATE
5	WATER	4"	LACDPW-WW	REMOVE	15	SEWER	15"	LACSD	PROTECT IN PLACE
6	SEWER	15"	LACSD	PROTECT IN PLACE	16	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE
7	WATER	10"	LACDPW-WW	RELOCATE	17	OH POWER	UNK	SCE DIST	PROTECT IN PLACE
8	OH POWER	69kV	SCE TRANS	RELOCATE	18	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
9	TELEVISION	UNK	TIME WARNER	RELOCATE	19	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
10	SEWER	8"	CIYT OF LANCASTER	PROTECT IN PLACE	20	SEWER	15"	LACSD	RELOCATE
					21	NATURAL GAS	2"	SEMPRA DIST	RELOCATE
					22	WATER	4"	LACDPW-WW	REMOVE
					23	WATER	10"	LACDPW-WW	REMOVE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
24	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
25	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
26	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE
27	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
28	WATER	12"	LACDPW-WW	PROTECT IN PLACE
29	TELECOM	UNK	VERIZON	PROTECT IN PLACE
30	WATER	4"	LACDPW-WW	PROTECT IN PLACE
31	WATER	10"	LACDPW-WW	PROTECT IN PLACE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



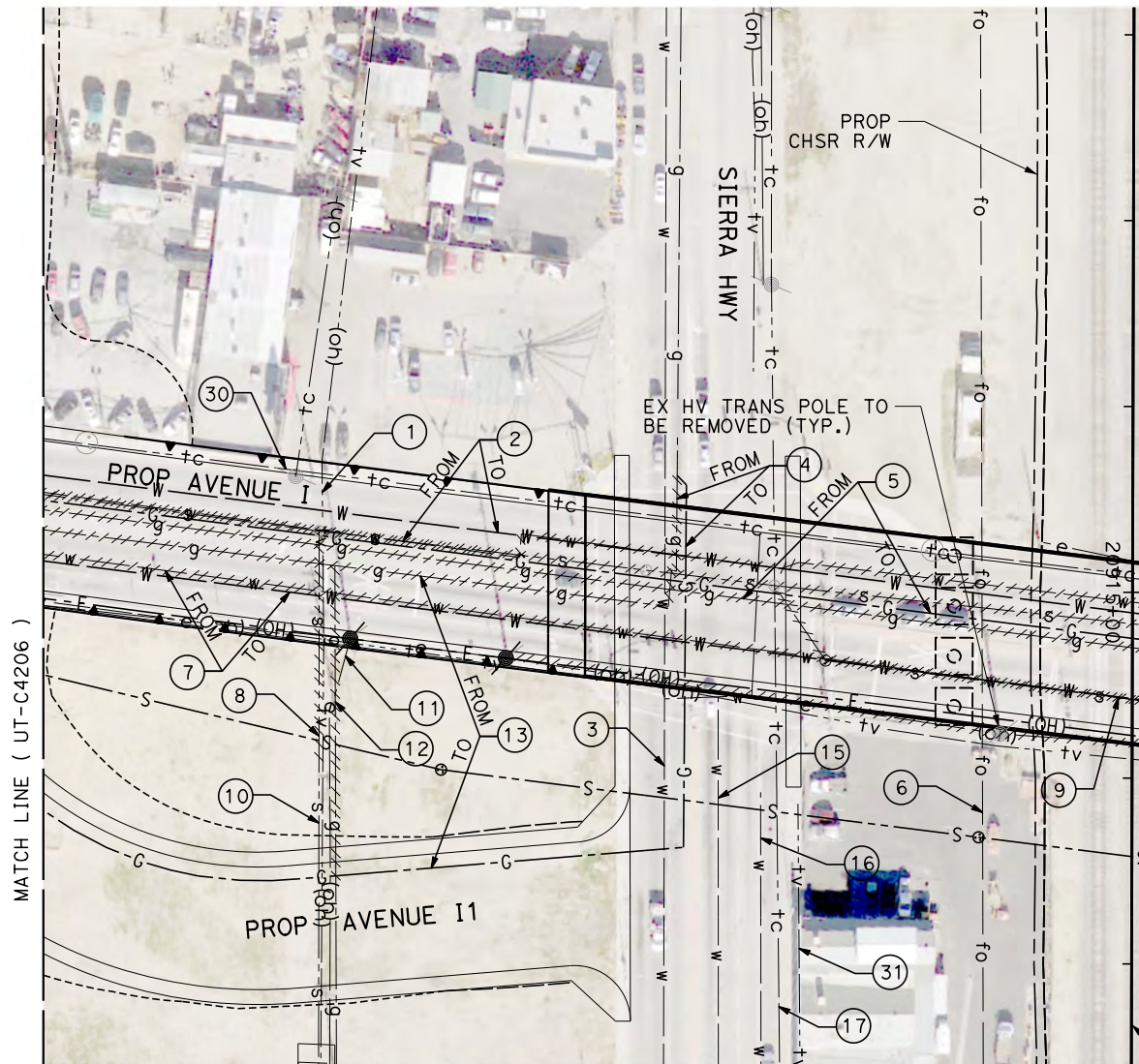
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20910+00 TO 20935+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4206
SCALE
AS SHOWN
SHEET NO.

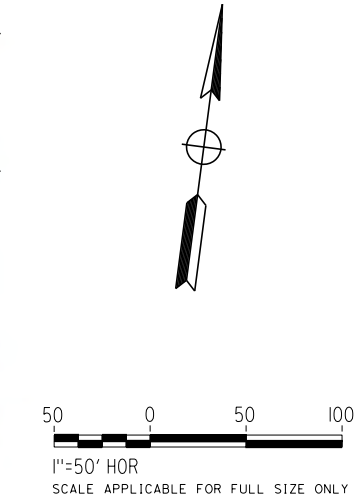
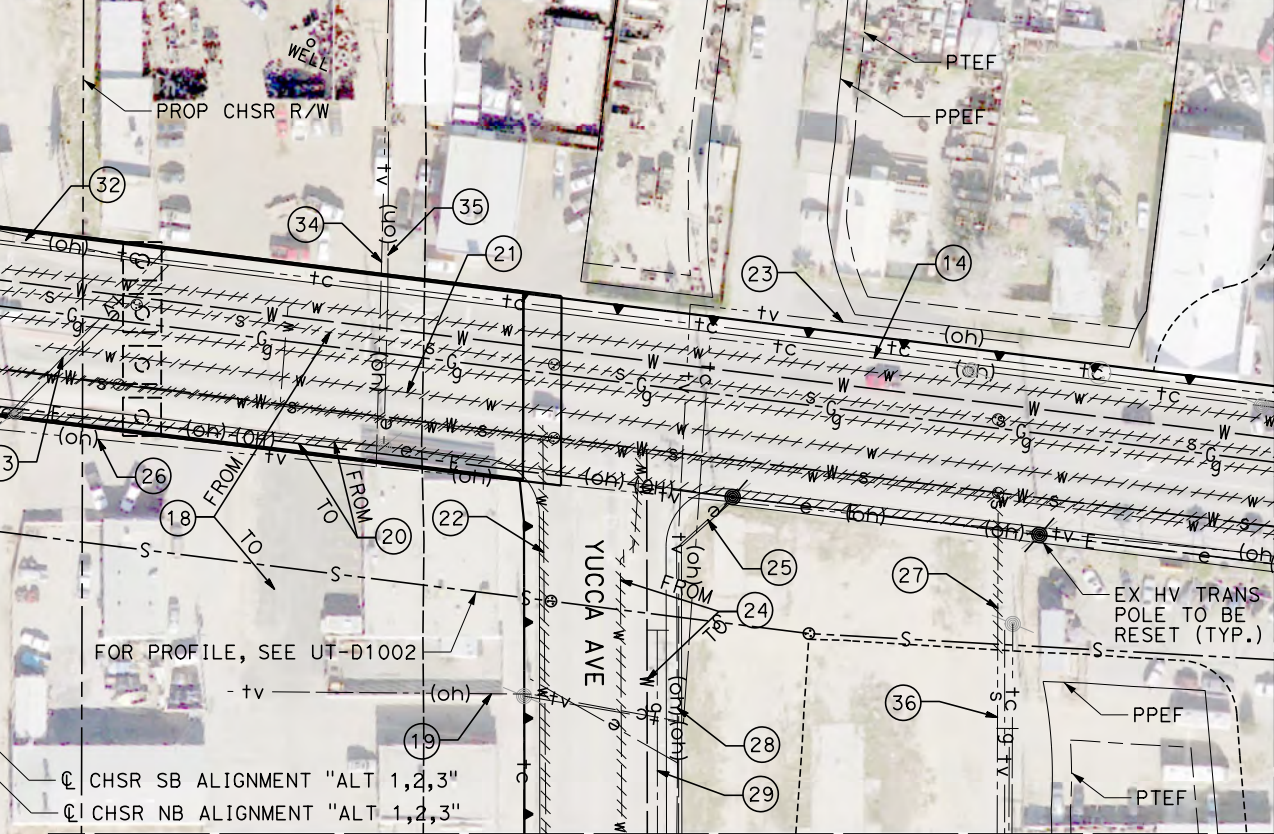
Projects\701206.00_CHSRBP\00_CADD\Sheet Files\UT\AI\1\BP-UT-C4207.dgn

OIC: Adodge 11/7/2017 2:37:40 PM



UTILITY INFORMATION				
#	FACILITY	SIZE	OWNER	DISPOSITION
1	TELEVISION	UNK	TIME WARNER	RELOCATE
2	WATER	12"	LACDPW-WW	RELOCATE
3	WATER	12"	LACDPW-WW	PROTECT IN PLACE
4	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
5	NATURAL GAS	6"	SEMPRA TRANS	RELOCATE
6	FIBER OPTIC	UNK	LEVEL3	PROTECT IN PLACE
7	WATER	8"	LACDP-WW	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
8	SEWER	8"	CITY OF LANCASTER	REMOVE
9	SEWER	10"	CITY OF LANCASTER	REMOVE
10	SEWER	10"	CITY OF LANCASTER	PROTECT IN PLACE
11	OH POWER	12KV	SCE DIST	RELOCATE
12	NATURAL GAS	3"	SEMPRA DIST	REMOVE
13	NATURAL GAS	3"	SEMPRA DIST	RELOCATE
14	OH TELECOM	UNK	VERIZON	RELOCATE



UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
15	WATER	10"	LACDPW-WW	PROTECT IN PLACE
16	WATER	10"	LACDPW-WW	PROTECT IN PLACE
17	TELECOM	UNK	VERIZON	PROTECT IN PLACE
18	SEWER	15"	LACSD	RELOCATE
19	TELEVISION	UNK	TIME WARNER	RELOCATE
20	OH POWER	69KV	SCE TRANS	RELOCATE
21	WATER	4"	LACDPW-WW	REMOVE
22	WATER	4"	LACDPW-WW	REMOVE
23	TELEVISION	UNK	TIME WARNER	RELOCATE
24	WATER	10"	LACDPW-WW	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
25	OH POWER	12KV	SCE DIST	RELOCATE
26	TELEVISION	UNK	TIME WARNER	RELOCATE
27	SEWER	8"	CITY OF LANCASTER	REMOVE
28	OH POWER	UNK	SCE DIST	RELOCATE
29	NATURAL GAS	2"	SEMPRA DIST	PROTECT IN PLACE
30	TELECOM	UNK	VERIZON	RELOCATE

UTILITY INFORMATION CONT.				
#	FACILITY	SIZE	OWNER	DISPOSITION
31	TELEVISION	UNK	TIME WARNER	PROTECT IN PLACE
32	OH POWER	12KV	SCE DIST	RELOCATE
33	TELEVISION	UNK	TIME WARNER	RELOCATE
34	TELEVISION	UNK	TIME WARNER	RELOCATE
35	OH POWER	12KV	SCE DIST	RELOCATE
36	SEWER	8"	CITY OF LANCASTER	PROTECT IN PLACE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. CONYERS
DRAWN BY
H. TU
CHECKED BY
D. ARUTA
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3
COMPOSITE UTILITY PLAN
STA 20910+00 TO 20935+00

CONTRACT NO.
HSR13-44
DRAWING NO.
UT-C4207
SCALE
AS SHOWN
SHEET NO.