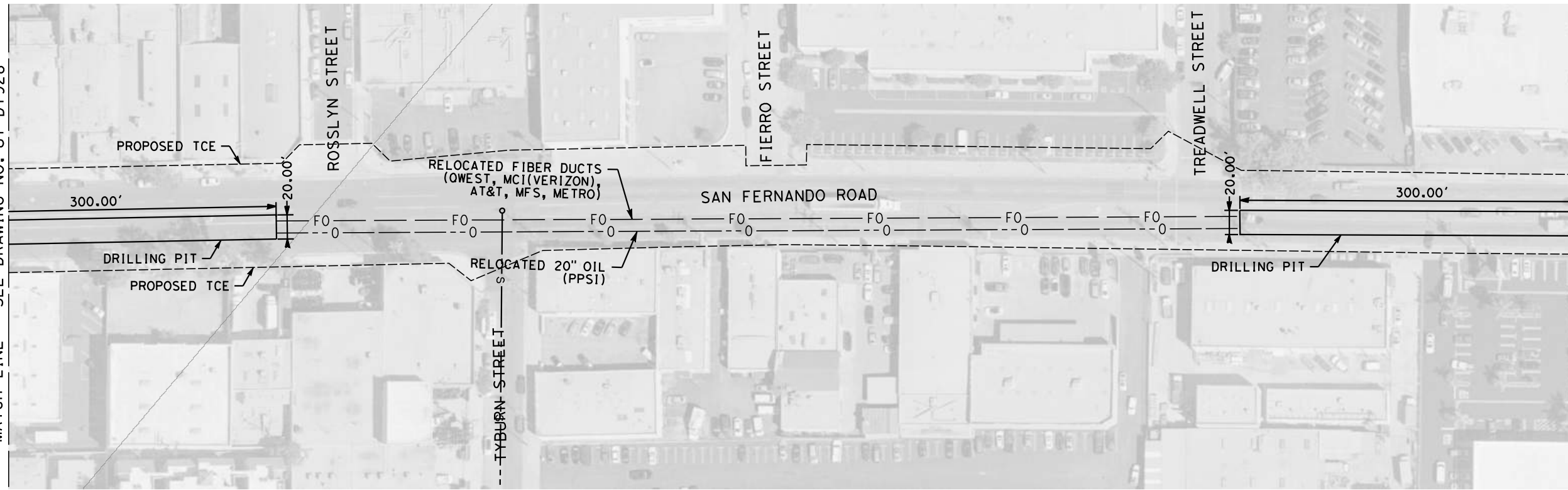
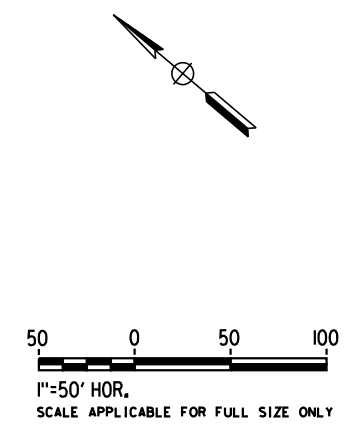


MATCH LINE - SEE DRAWING NO. UT-D1928



MATCH LINE - SEE DRAWING NO. UT-D1930



NOTE:
1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

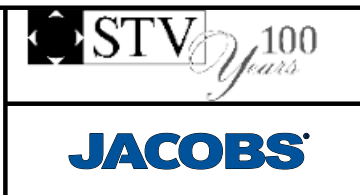
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
C. CUSSON
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

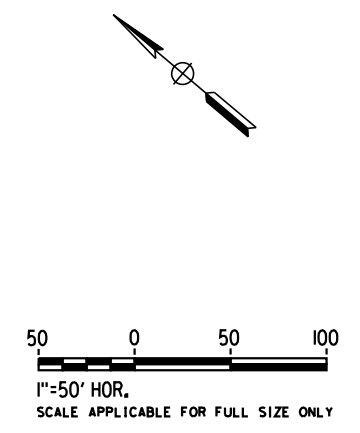
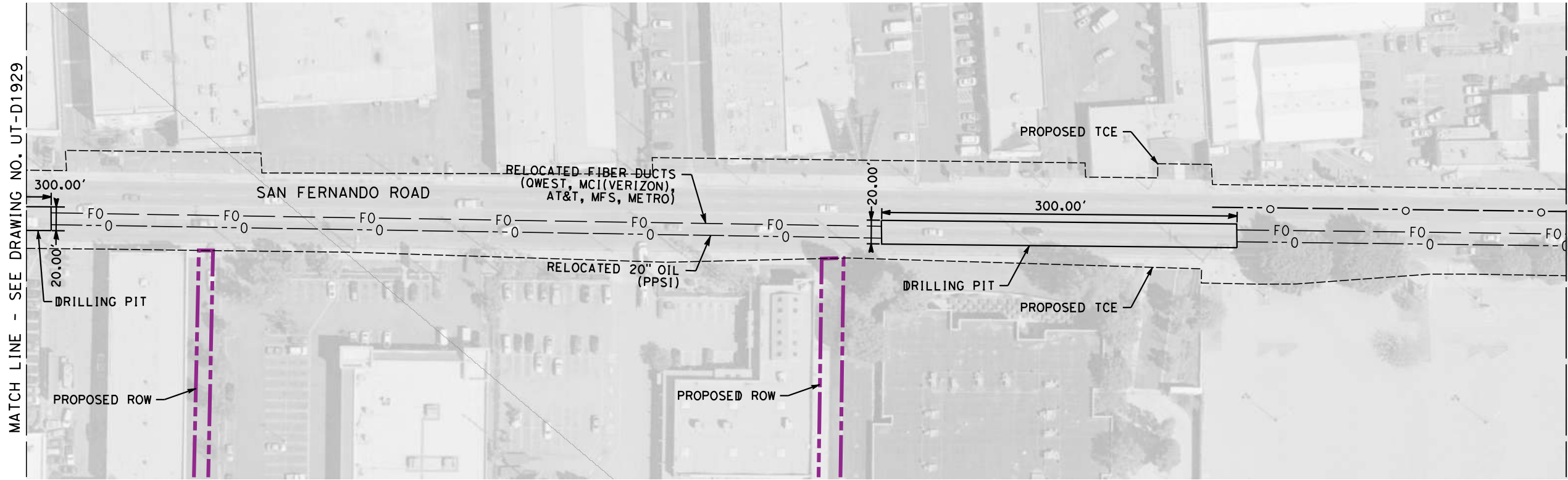
**NOT FOR
CONSTRUCTION**



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

PEPD
PROPOSED UTILITIES RELOCATION PLAN
20" OIL AND FIBER OPTIC DUCTS




CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D1929
SCALE
AS SHOWN
SHEET NO.



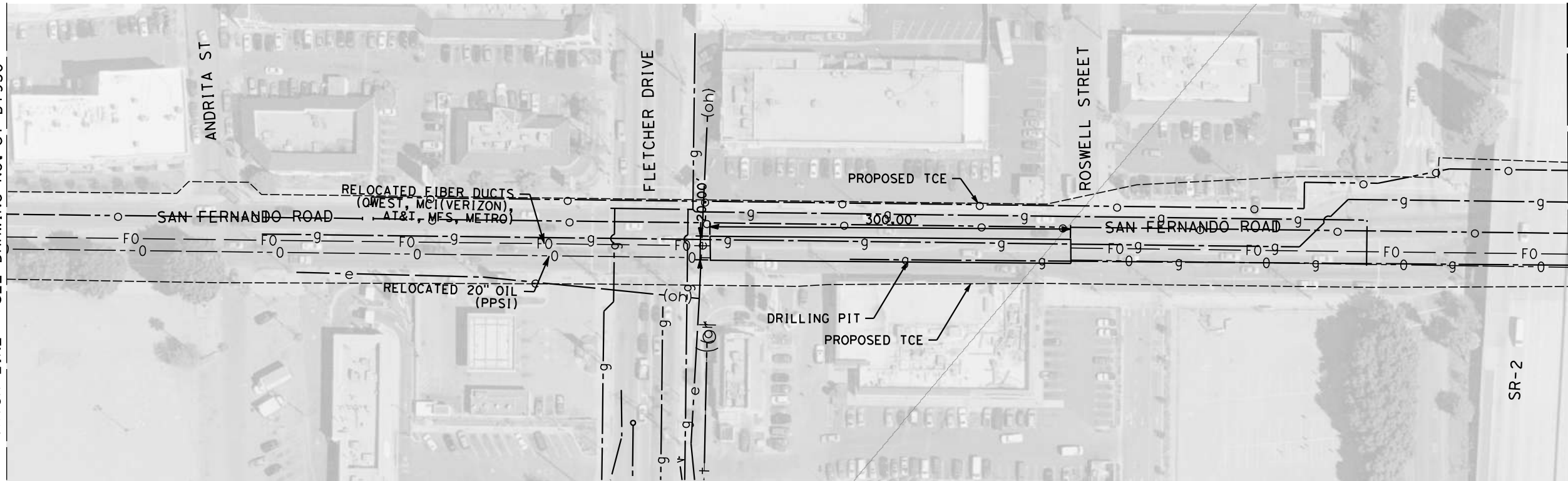
NOTE:
 1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

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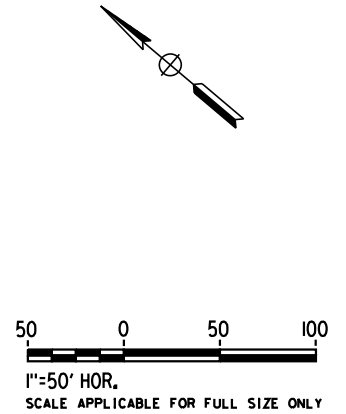
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					DESIGNED BY J. HIGGINS DRAWN BY C. CUSSON CHECKED BY C. ADAMS IN CHARGE K. PIRBAZARI DATE 04/30/2019	PEPD RECORD SET NOT FOR CONSTRUCTION	 		CALIFORNIA HIGH-SPEED TRAIN PROJECT BURBANK TO LOS ANGELES PEPD PROPOSED UTILITIES RELOCATION PLAN 20" OIL AND FIBER OPTIC DUCTS	CONTRACT NO. HSR14-39 DRAWING NO. UT-D1930 SCALE AS SHOWN SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION					

MATCH LINE - SEE DRAWING NO. UT-D1930



MATCH LINE - SEE DRAWING NO. UT-D1932



NOTE:
1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

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4/30/2019 12:39:53 PM c:\j\p\work\dir\haynesma\d0135596\k2L-UT-D1931.dgn haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
C. CUSSON
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

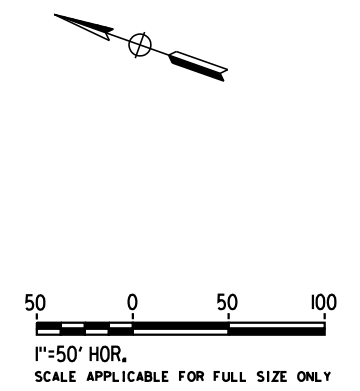
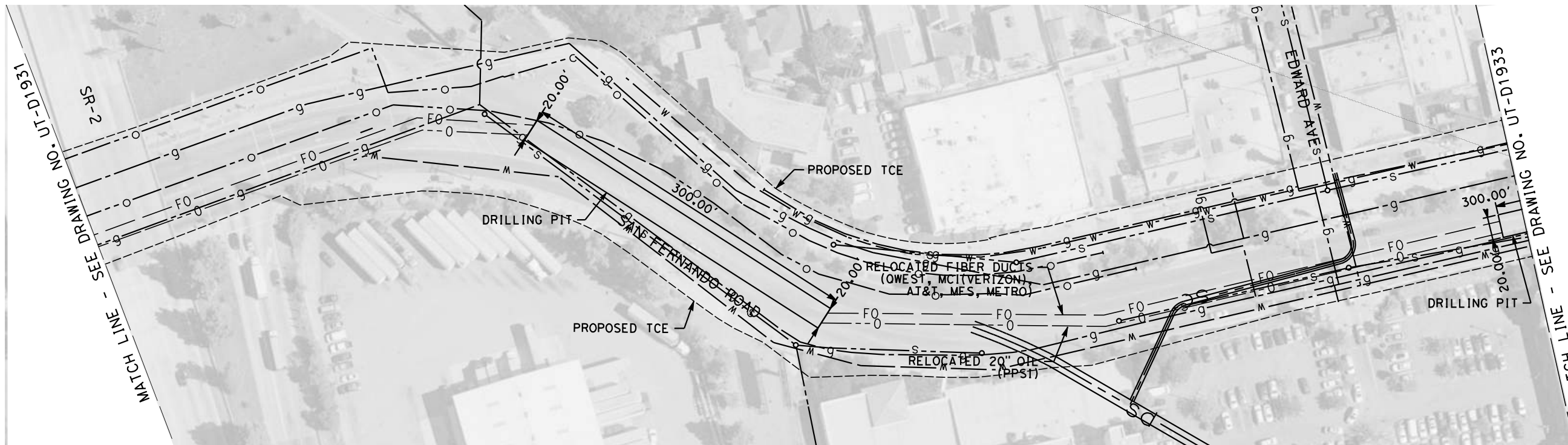
**NOT FOR
CONSTRUCTION**



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

PEPD
PROPOSED UTILITIES RELOCATION PLAN
20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D1931
SCALE
AS SHOWN
SHEET NO.



NOTE:
 1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

NOT FOR CONSTRUCTION
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4/30/2019 12:40:32 PM c:\j\p\work\dir\haynesma\d0135596\k2L-UT-D1932.dgn haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
 DRAWN BY
C. CUSSON
 CHECKED BY
C. ADAMS
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

**PEPD
 RECORD SET**

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 CONSTRUCTION**



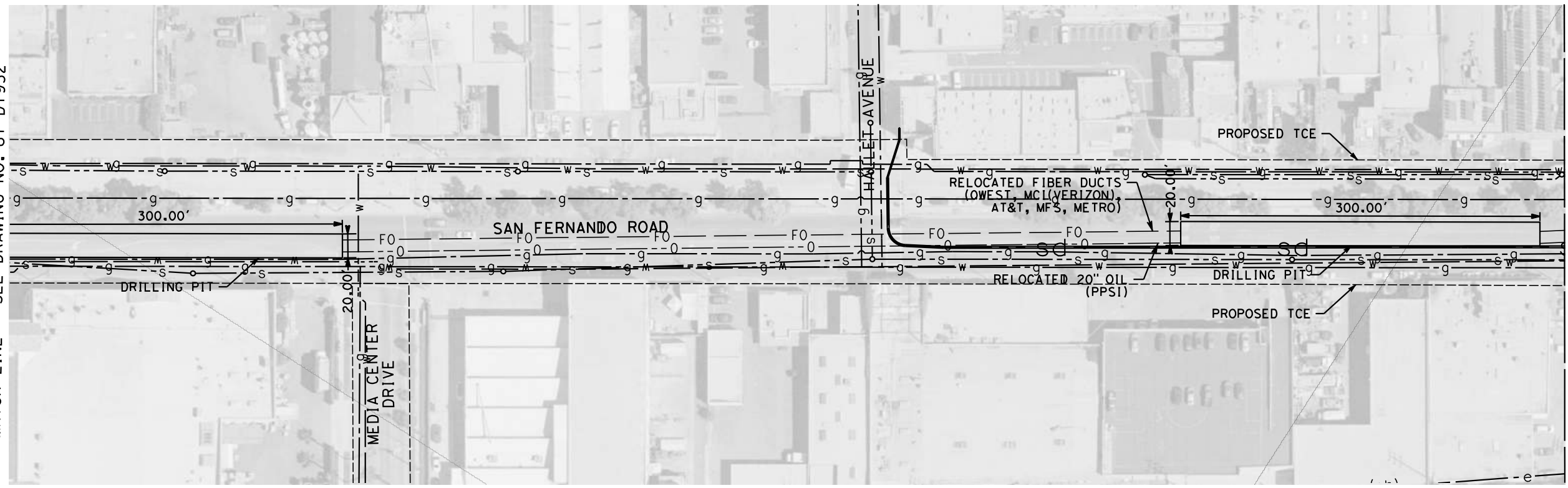
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 BURBANK TO LOS ANGELES**

 PEPD
 PROPOSED UTILITIES RELOCATION PLAN
 20" OIL AND FIBER OPTIC DUCTS

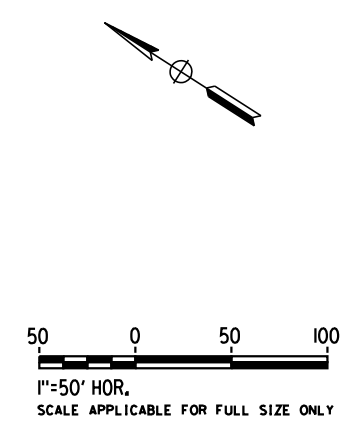
CONTRACT NO.
HSR14-39
 DRAWING NO.
UT-D1932
 SCALE
AS SHOWN
 SHEET NO.

4/30/2019 12:41:06 PM c:\j\p\pwworkdir\haynesma\d0135596\k2l-ut-d1933.dgn

MATCH LINE - SEE DRAWING NO. UT-D1932



MATCH LINE - SEE DRAWING NO. UT-D1934



NOTE:
1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

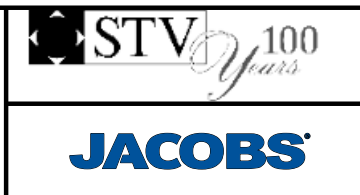
NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
C. CUSSON
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

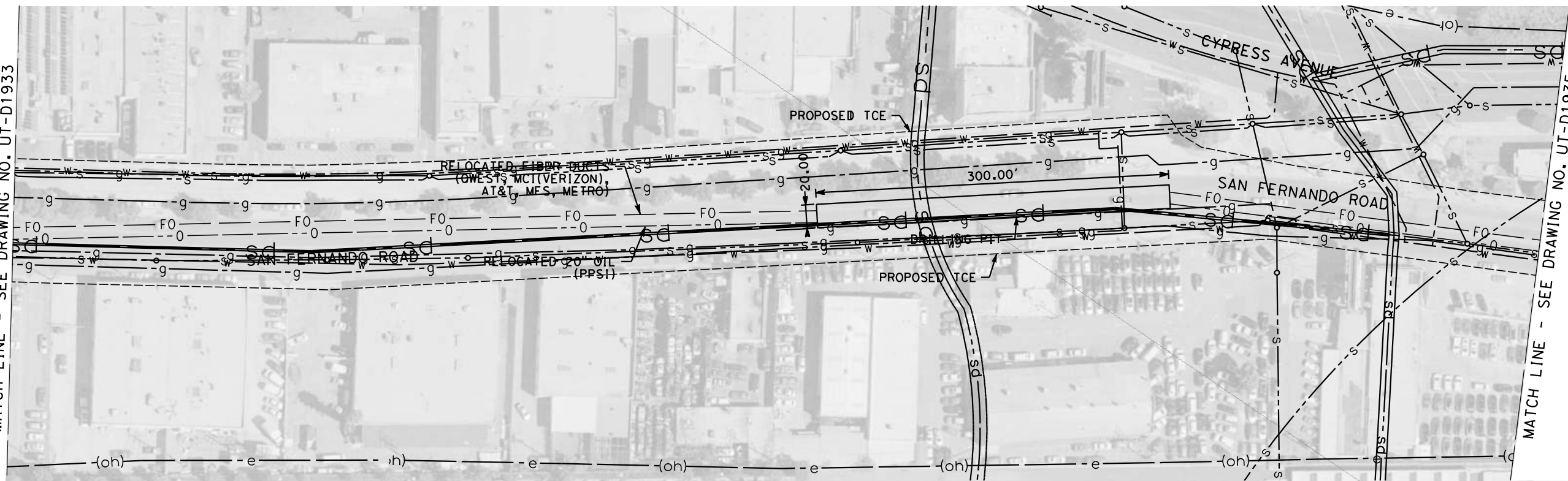


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

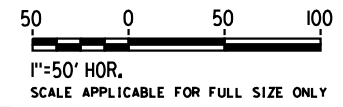
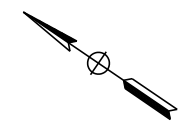
PEPD
PROPOSED UTILITIES RELOCATION PLAN
20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D1933
SCALE
AS SHOWN
SHEET NO.

MATCH LINE - SEE DRAWING NO. UT-D1933



MATCH LINE - SEE DRAWING NO. UT-D1935



NOTE:
1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

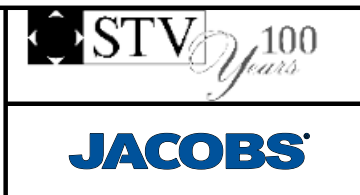
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
C. CUSSON
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

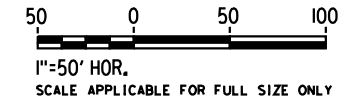
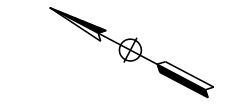
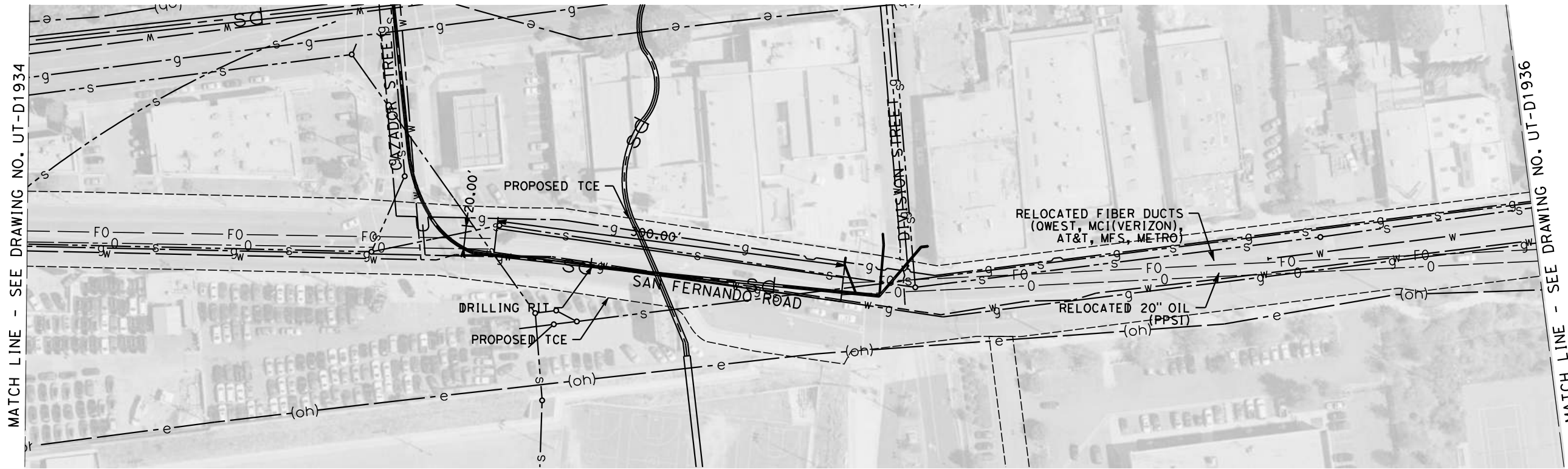
**NOT FOR
CONSTRUCTION**



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

PEPD
PROPOSED UTILITIES RELOCATION PLAN
20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D1934
SCALE
AS SHOWN
SHEET NO.



MATCH LINE - SEE DRAWING NO. UT-D1934

MATCH LINE - SEE DRAWING NO. UT-D1936

NOTE:
1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

NOT FOR CONSTRUCTION
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4/30/2019 12:42:13 PM c:\jip\pwworkdir\haynesma\d0135596\k2L-UT-D1935.dgn haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
C. CUSSON
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

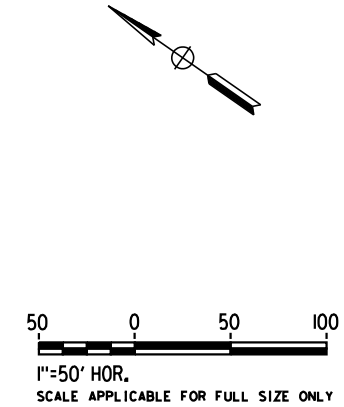
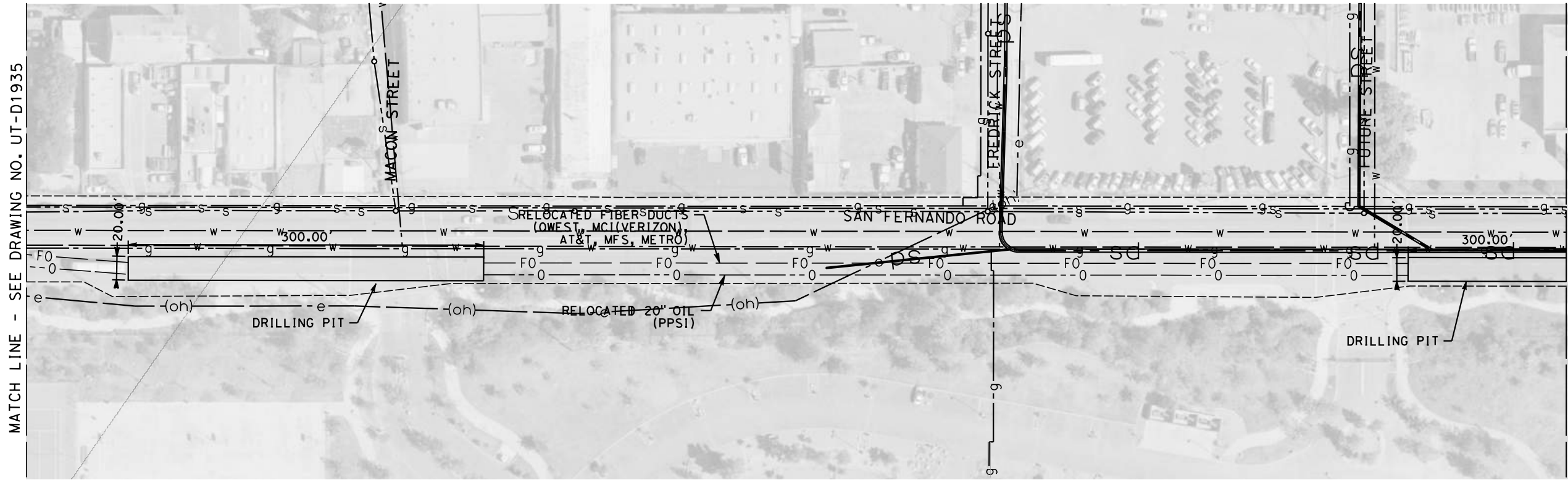
**NOT FOR
CONSTRUCTION**



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

PEPD
PROPOSED UTILITIES RELOCATION PLAN
20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D1935
SCALE
AS SHOWN
SHEET NO.



MATCH LINE - SEE DRAWING NO. UT-D1935

MATCH LINE - SEE DRAWING NO. UT-D1937

NOTE:
1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

4/30/2019 12:42:48 PM c:\j\p\work\dir\haynesma\d0135596\k2L-UT-D1936.dgn haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
C. CUSSON
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



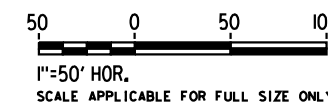
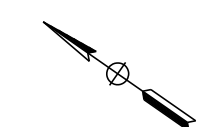
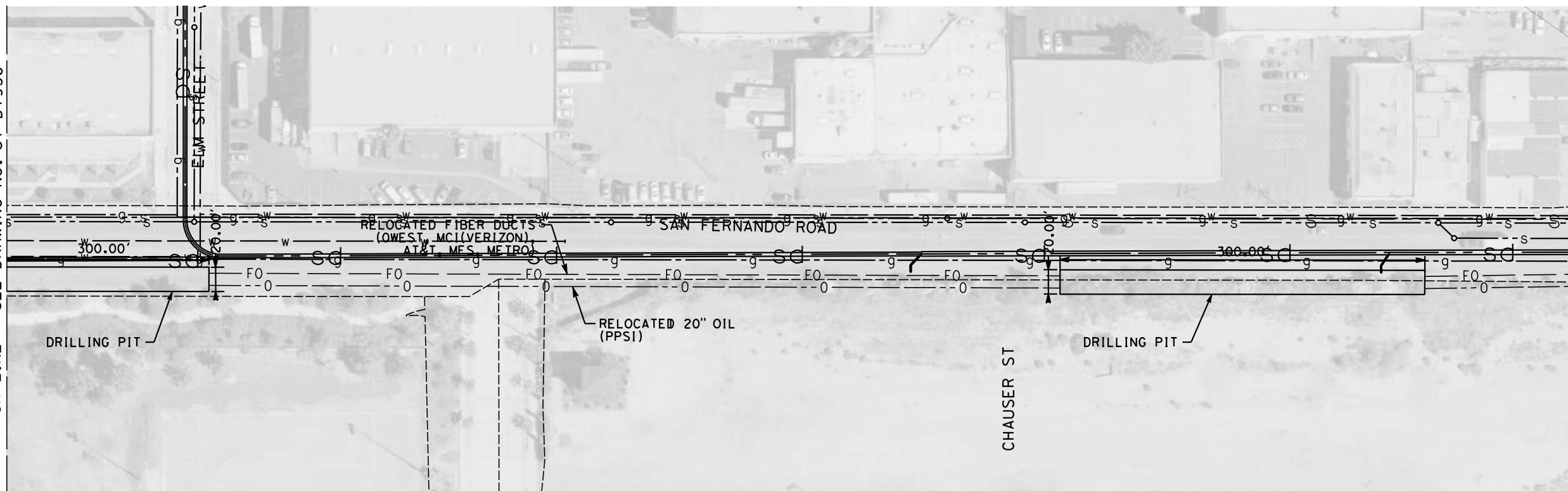
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PLAN
20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D1936
SCALE
AS SHOWN
SHEET NO.

MATCH LINE - SEE DRAWING NO. UT-D1936

MATCH LINE - SEE DRAWING NO. UT-D1938



NOTE:
 1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

NOT FOR CONSTRUCTION
 FOR INTERNAL USE ONLY

4/30/2019 12:43:22 PM c:\jip\pwworkdir\haynesma\d0135596\k2l-ut-d1937.dgn haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
 DRAWN BY
C. CUSSON
 CHECKED BY
C. ADAMS
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

PEPD RECORD SET

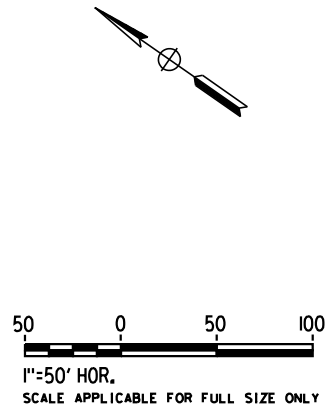
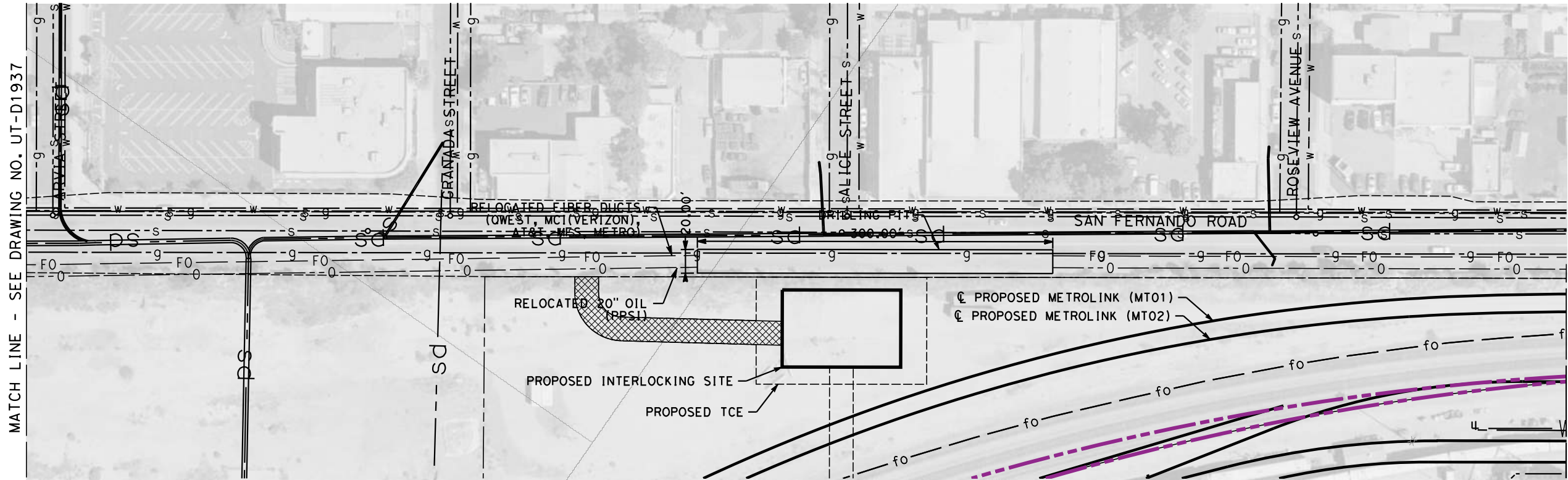
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

 PEPD
 PROPOSED UTILITIES RELOCATION PLAN
 20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 UT-D1937
 SCALE
 AS SHOWN
 SHEET NO.



NOTE:
 1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

NOT FOR CONSTRUCTION
 FOR INTERNAL USE ONLY

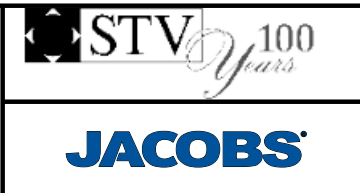
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
 DRAWN BY
C. CUSSON
 CHECKED BY
C. ADAMS
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

**PEPD
 RECORD SET**

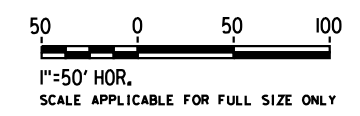
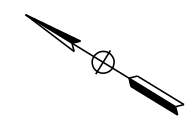
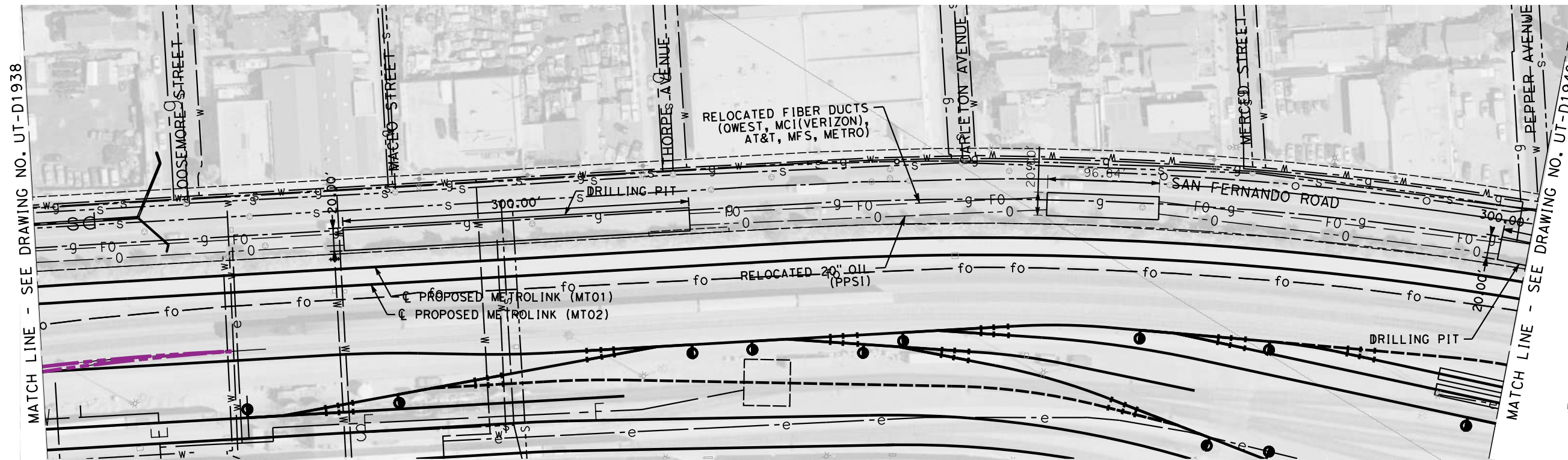
**NOT FOR
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 BURBANK TO LOS ANGELES**

PEPD
 PROPOSED UTILITIES RELOCATION PLAN
 20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 UT-D1938
 SCALE
 AS SHOWN
 SHEET NO.



MATCH LINE - SEE DRAWING NO. UT-D1938

MATCH LINE - SEE DRAWING NO. UT-D1940

NOTE:
1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

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4/30/2019 12:44:32 PM c:\jip\pwworkdir\haynesma\d0135596\k2l-ut-d1939.dgn haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
C. CUSSON
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

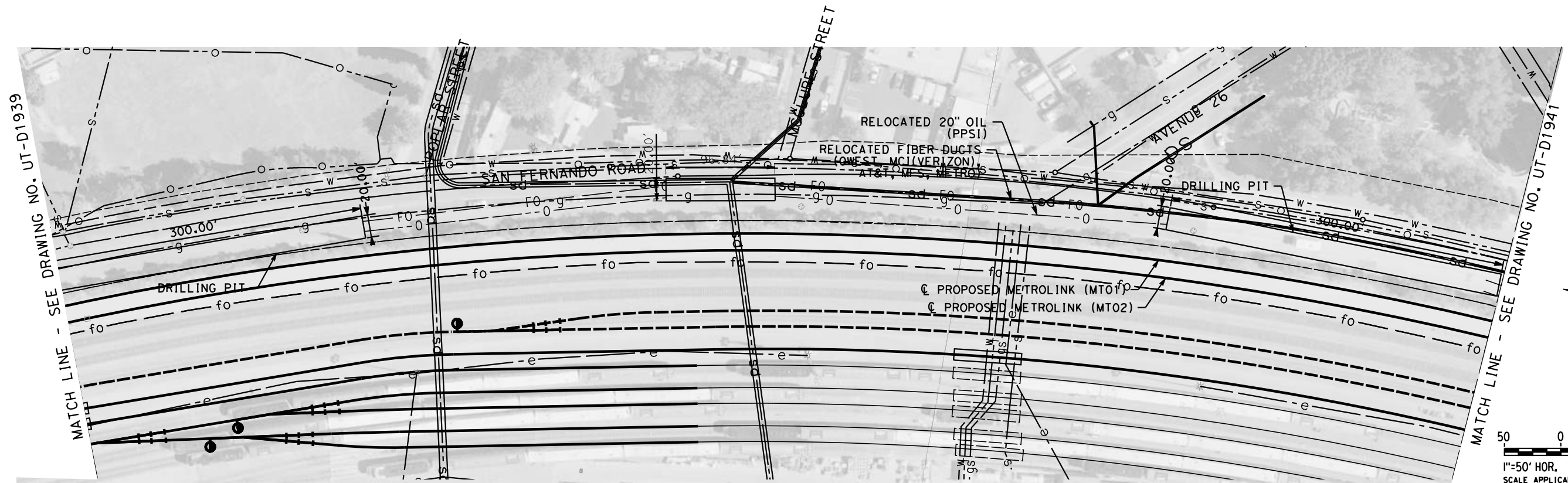
**NOT FOR
CONSTRUCTION**



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

PEPD
PROPOSED UTILITIES RELOCATION PLAN
20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D1939
SCALE
AS SHOWN
SHEET NO.



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

NOTE:
 1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

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4/30/2019 12:45:07 PM c:\j\p\pwworkdir\haynesma\d0135596\k2l-ut-d1940.dgn haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
 DRAWN BY
C. CUSSON
 CHECKED BY
C. ADAMS
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

**PEPD
 RECORD SET**

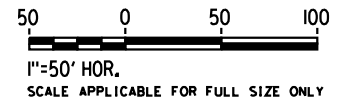
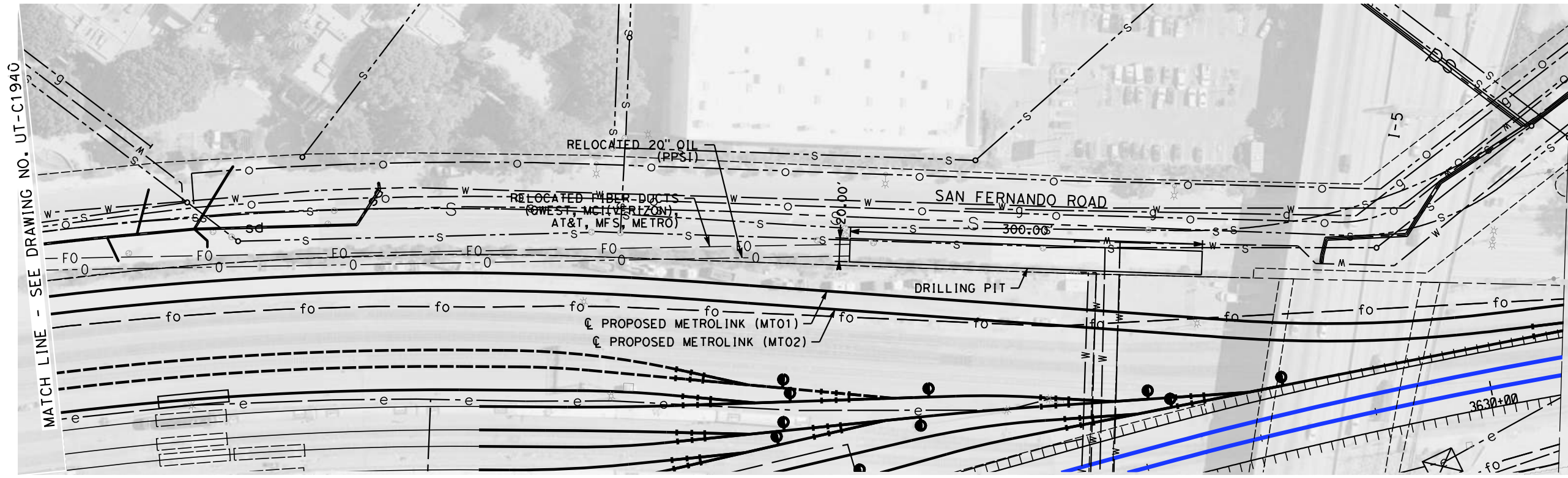
**NOT FOR
 CONSTRUCTION**



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

PEPD
 PROPOSED UTILITIES RELOCATION PLAN
 20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 UT-D1940
 SCALE
 AS SHOWN
 SHEET NO.



MATCH LINE - SEE DRAWING NO. UT-C1940

NOTE:
1. FOR DRILLING PIT GENERAL CROSS SECTIONS SEE DRAWING UT-D3942.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

4/30/2019 12:45:42 PM c:\j\p\pwworkdir\haynesma\d0135596\k2l-ut-d1941

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
C. CUSSON
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

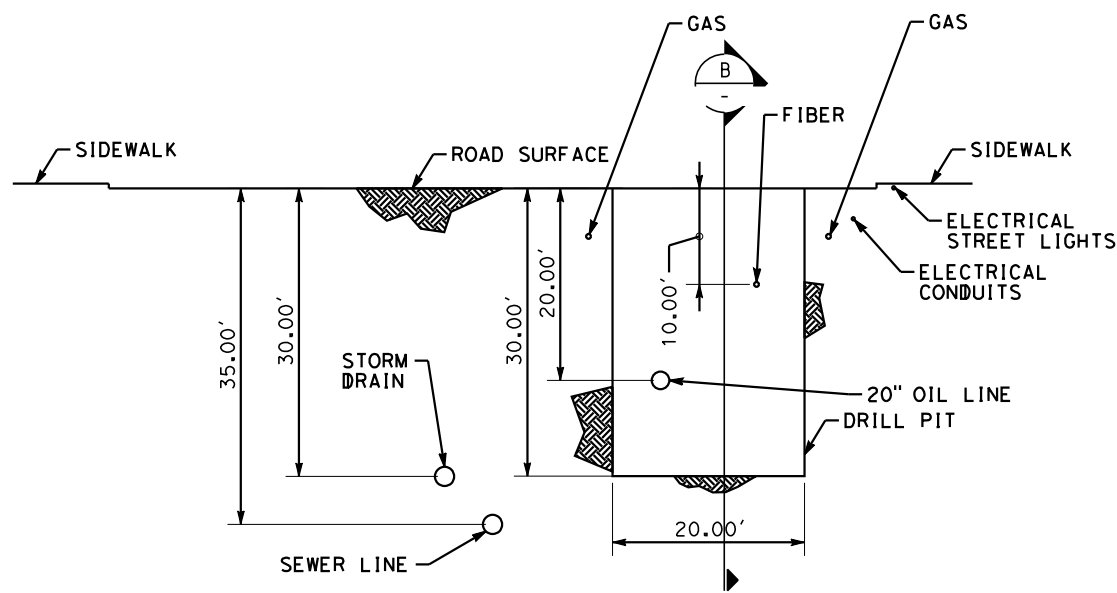
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CONSTRUCTION**



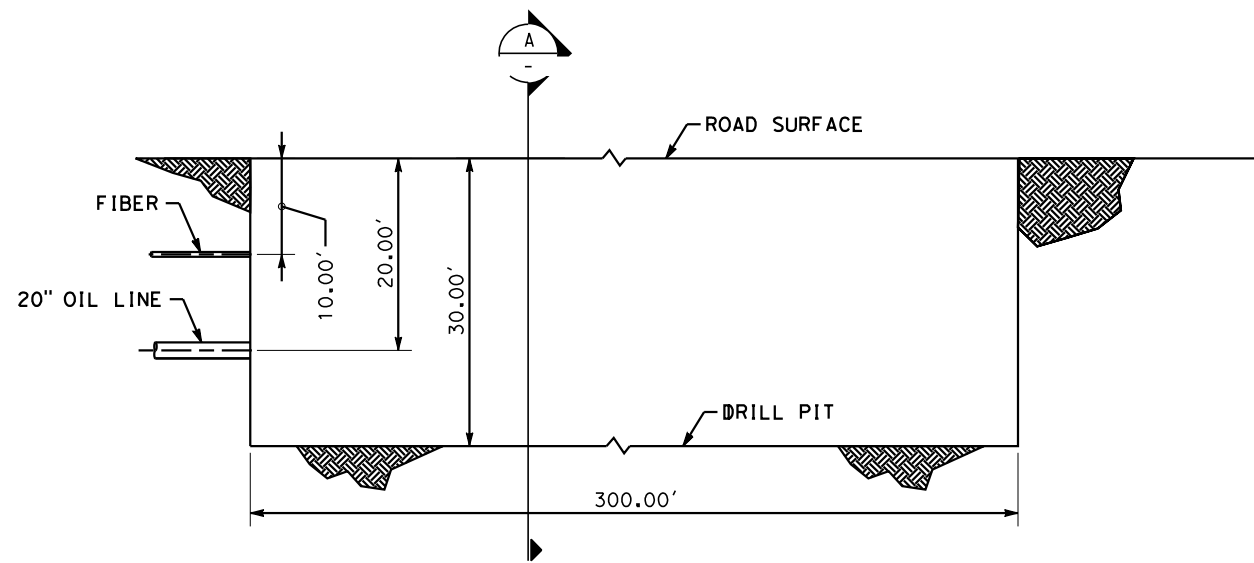
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PLAN
20" OIL AND FIBER OPTIC DUCTS

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D1941
SCALE
AS SHOWN
SHEET NO.



SAN FERNANDO ROAD
LOOKING NORTH/EAST
UT-D17XX 1"=10' (A)



CROSS SECTION
OF DRILLING PIT
UT-D17XX 1"=10' (B)

TYPICAL DRILL PIT CROSS SECTIONS

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

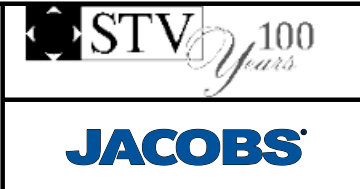
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
C. CUSSON
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



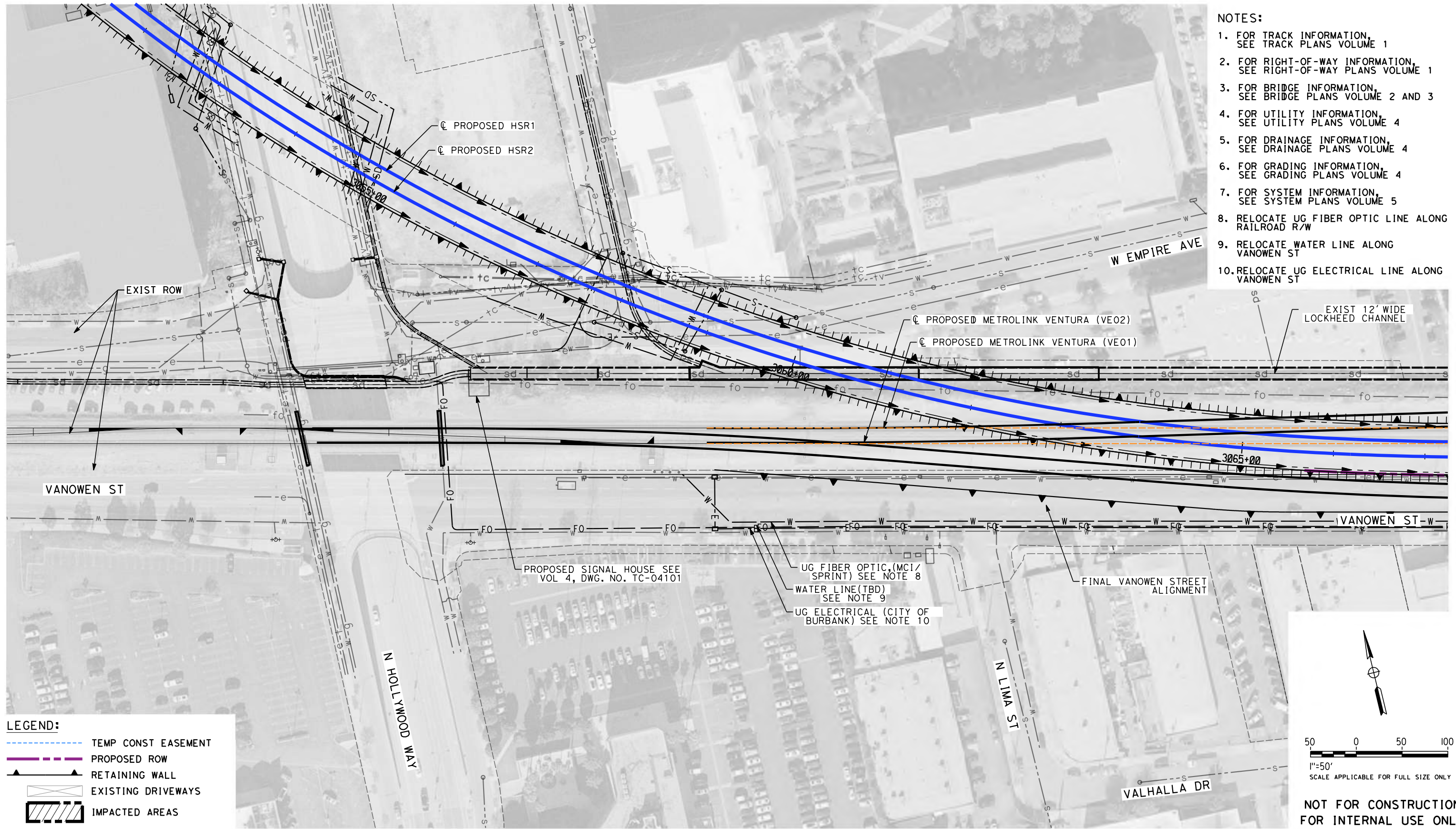
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PLAN - SAN FERNANDO RD
TYPICAL CROSS SECTIONS

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D3942
SCALE
AS SHOWN
SHEET NO.

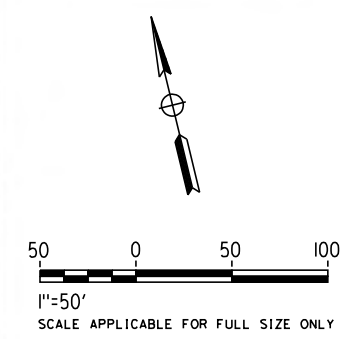
NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
8. RELOCATE UG FIBER OPTIC LINE ALONG RAILROAD R/W
9. RELOCATE WATER LINE ALONG VANOWEN ST
10. RELOCATE UG ELECTRICAL LINE ALONG VANOWEN ST



LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS



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4/30/2019 12:46:30 PM c:\j\p\pwworkdir\haynesma\d0135596\k2l-UT-D7011.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



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

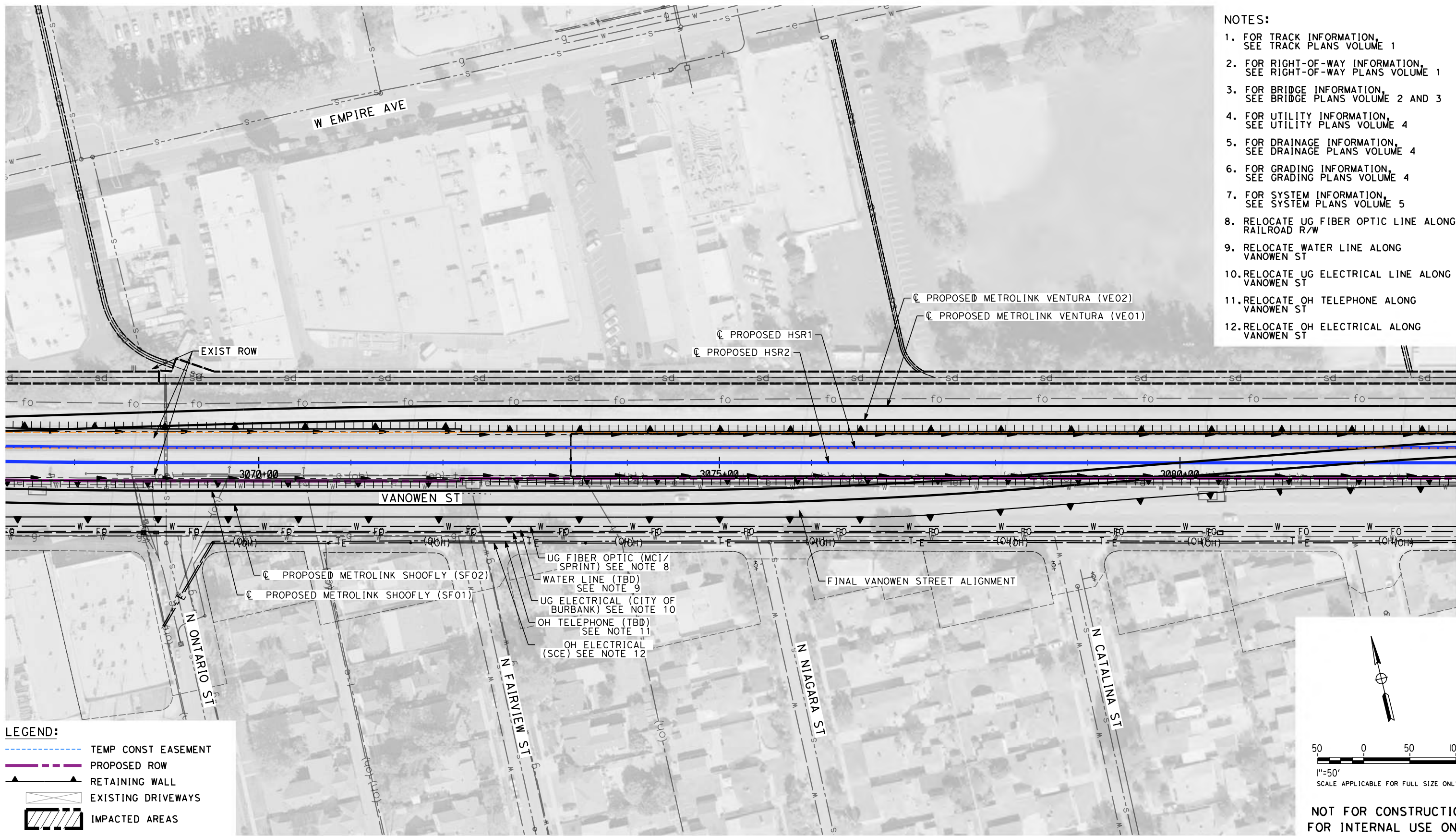
PEPD
FINAL ROAD REALIGNMENT - VANOWEN ST
PROPOSED UTILITY RELOCATION PLAN

CONTRACT NO.
HSR14-39

DRAWING NO.
UT-D7011

SCALE
AS SHOWN

SHEET NO.

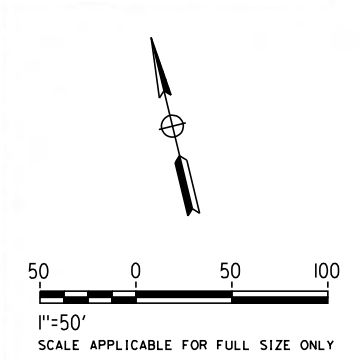


- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR GRADING INFORMATION, SEE GRADING PLANS VOLUME 4
 7. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
 8. RELOCATE UG FIBER OPTIC LINE ALONG RAILROAD R/W
 9. RELOCATE WATER LINE ALONG VANOWEN ST
 10. RELOCATE UG ELECTRICAL LINE ALONG VANOWEN ST
 11. RELOCATE OH TELEPHONE ALONG VANOWEN ST
 12. RELOCATE OH ELECTRICAL ALONG VANOWEN ST

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS

- UG FIBER OPTIC (MC1/ SPRINT) SEE NOTE 8
- WATER LINE (TBD) SEE NOTE 9
- UG ELECTRICAL (CITY OF BURBANK) SEE NOTE 10
- OH TELEPHONE (TBD) SEE NOTE 11
- OH ELECTRICAL (SCE) SEE NOTE 12



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
R. YU

DRAWN BY
N. BOWMAN

CHECKED BY
C. LEE

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**



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

PEPD
FINAL ROAD REALIGNMENT - VANOWEN ST
ROAD IMPACT PLAN

CONTRACT NO.
HSR14-39

DRAWING NO.
UT-D7012

SCALE
AS SHOWN

SHEET NO.

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- NOTES:**
- FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 - FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 - FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 - FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 - FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 - FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
 - RELOCATE 20" WATER LINE ALONG VANOWEN ST & N BUENA VISTA ST
 - SEE DRAWING UT-D7022 FOR PROFILES
 - RELOCATE UG FIBER OPTIC LINE ALONG RAILROAD R/W
 - RELOCATE OH ELECTRICAL LINE ALONG VANOWEN ST
 - RELOCATE OH TELEPHONE LINE ALONG VANOWEN ST
 - RELOCATE OH COMMUNICATION LINE ALONG VANOWEN ST
 - RELOCATE OH FIBER OPTIC LINE OUTSIDE OF RAILROAD R/W
 - RELOCATE OH TELEPHONE LINE OUTSIDE OF RAILROAD R/W
 - RELOCATE OH ELECTRICAL LINE OUTSIDE OF RAILROAD R/W
 - RELOCATE ELECTRICAL LINE TO UG ALONG N BUENA VISTA ST
 - RELOCATE TELEPHONE LINE TO UG ALONG N BUENA VISTA ST
 - RELOCATE COMMUNICATION LINE TO UG ALONG N BUENA VISTA ST
 - RELOCATE FIBER OPTIC LINE TO UG ALONG N BUENA VISTA ST

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS

1"=50'
 SCALE APPLICABLE FOR FULL SIZE ONLY

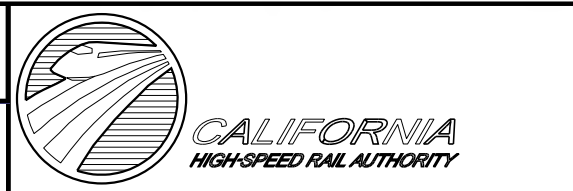
**NOT FOR CONSTRUCTION
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
 DRAWN BY
A. CORTEZ
 CHECKED BY
C. ADAMS
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**

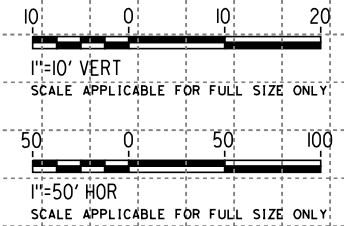
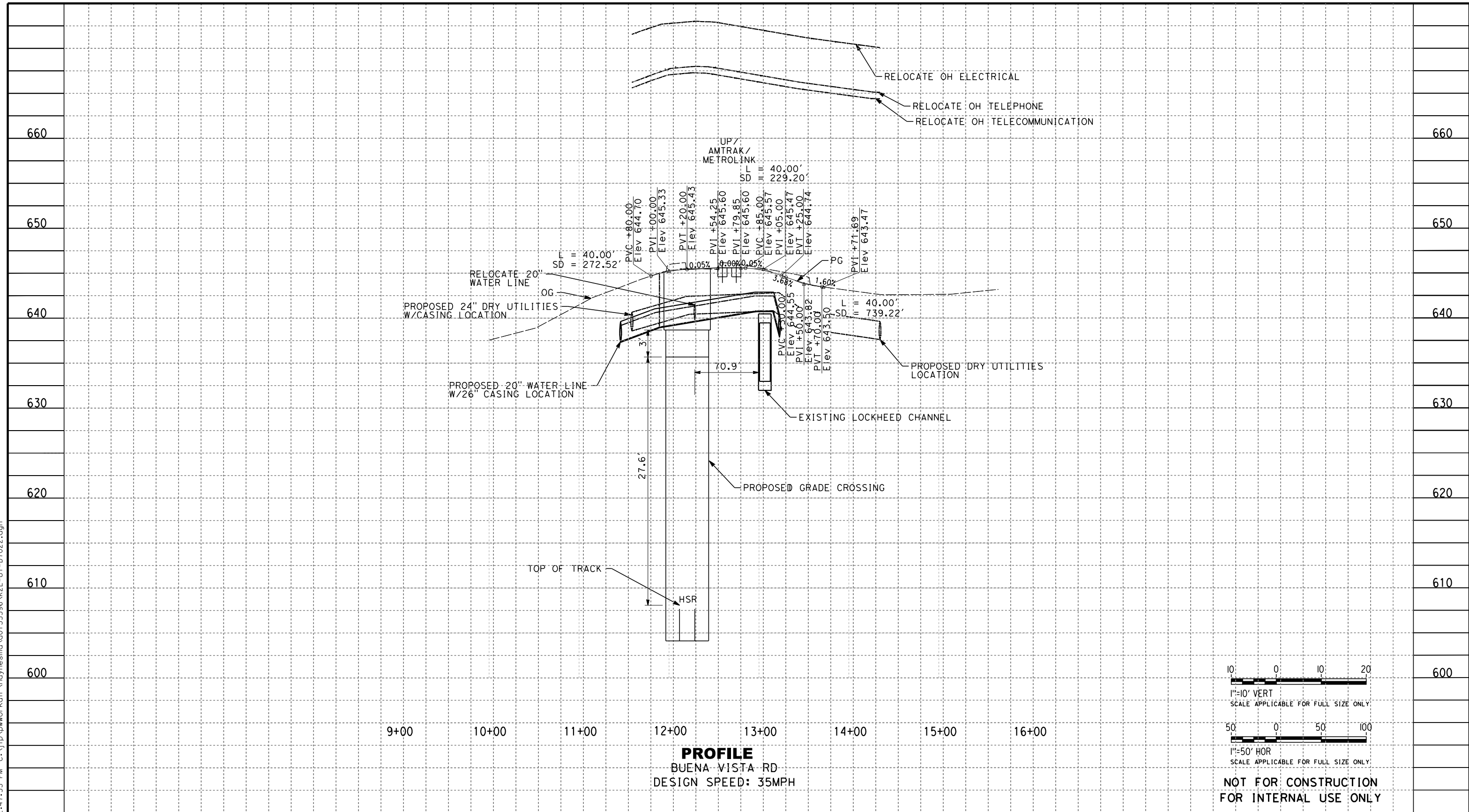


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
BUENA VISTA GRADE CROSSING
PROPOSED UTILITIES RELOCATION PLAN

CONTRACT NO.
HSR14-39
 DRAWING NO.
UT-D7021
 SCALE
AS SHOWN
 SHEET NO.

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DESIGNED BY
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DRAWN BY
N. BOWMAN
CHECKED BY
C. LEE
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

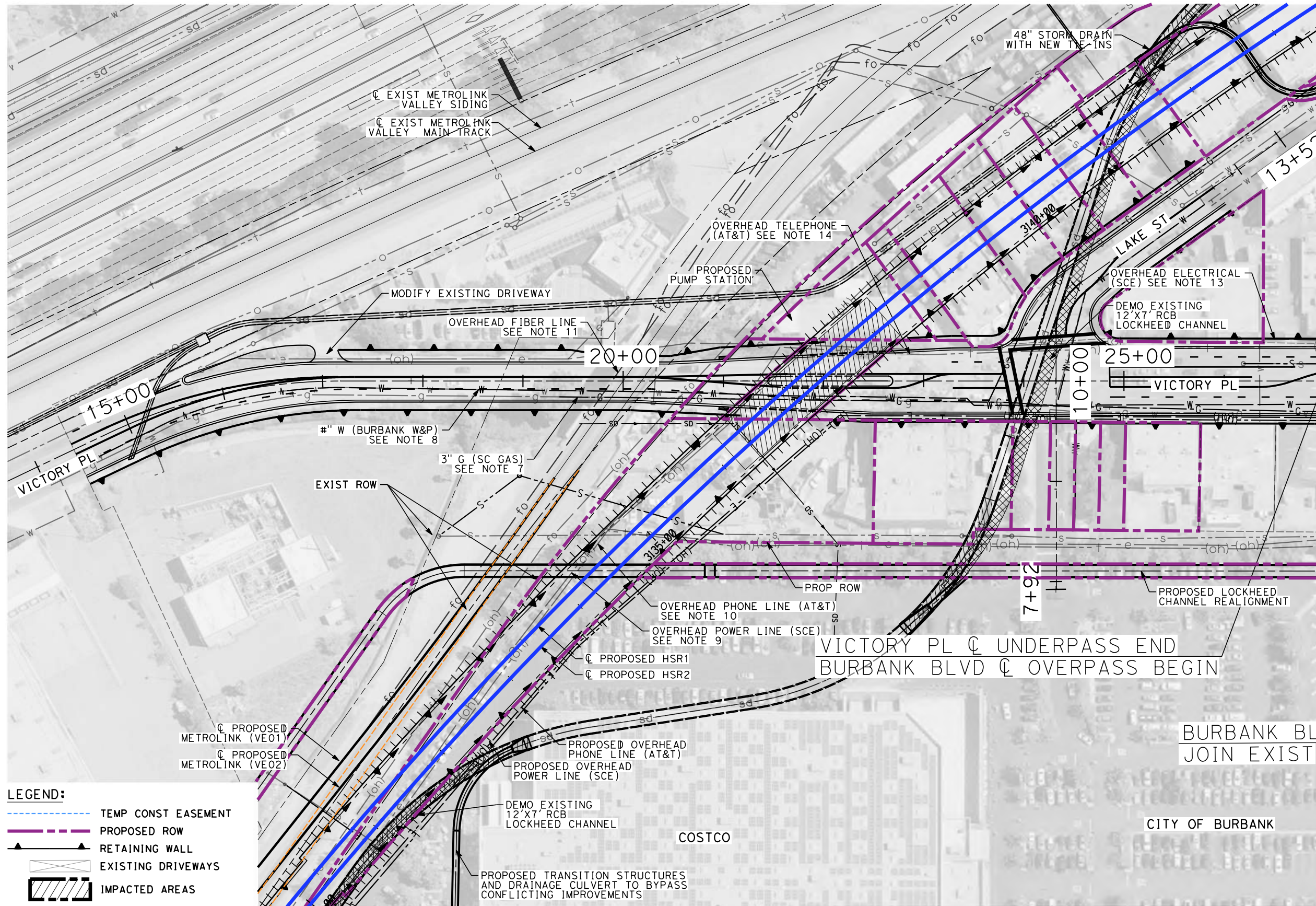


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
BUENA VISTA GRADE CROSSING
PROPOSED UTILITIES RELOCATION PROFILE

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7022
SCALE
AS SHOWN
SHEET NO.

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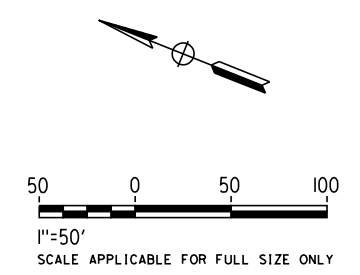


- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
 7. RELOCATE 3" GAS LINE ALONG VICTORY PL
 8. RELOCATE X" WATER LINE ALONG VICTORY PL
 9. RELOCATE OVERHEAD POWER LINE ALONG VICTORY PL
 10. RELOCATE OVERHEAD PHONE LINE ALONG VICTORY PL
 11. DEMOLISH OVERHEAD FIBER LINE ALONG VICTORY PL
 12. SEE DRAWING UT-D7032 FOR PROFILES
 13. RELOCATE OVERHEAD POWER LINE ALONG VICTORY PL
 14. RELOCATE OVERHEAD TELEPHONE ALONG VICTORY PL

MATCH LINE - STA 27+00.00 SEE DRAWING NO. UT-D7041

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS

DRAWN BY
A. CORTEZ

CHECKED BY
C. ADAMS

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

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

PEPD
VICTORY PLACE UNDERPASS
PROPOSED UTILITIES RELOCATION PLAN

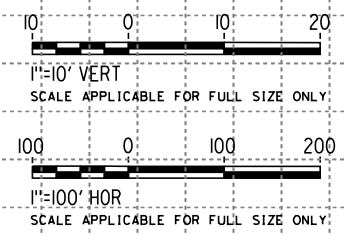
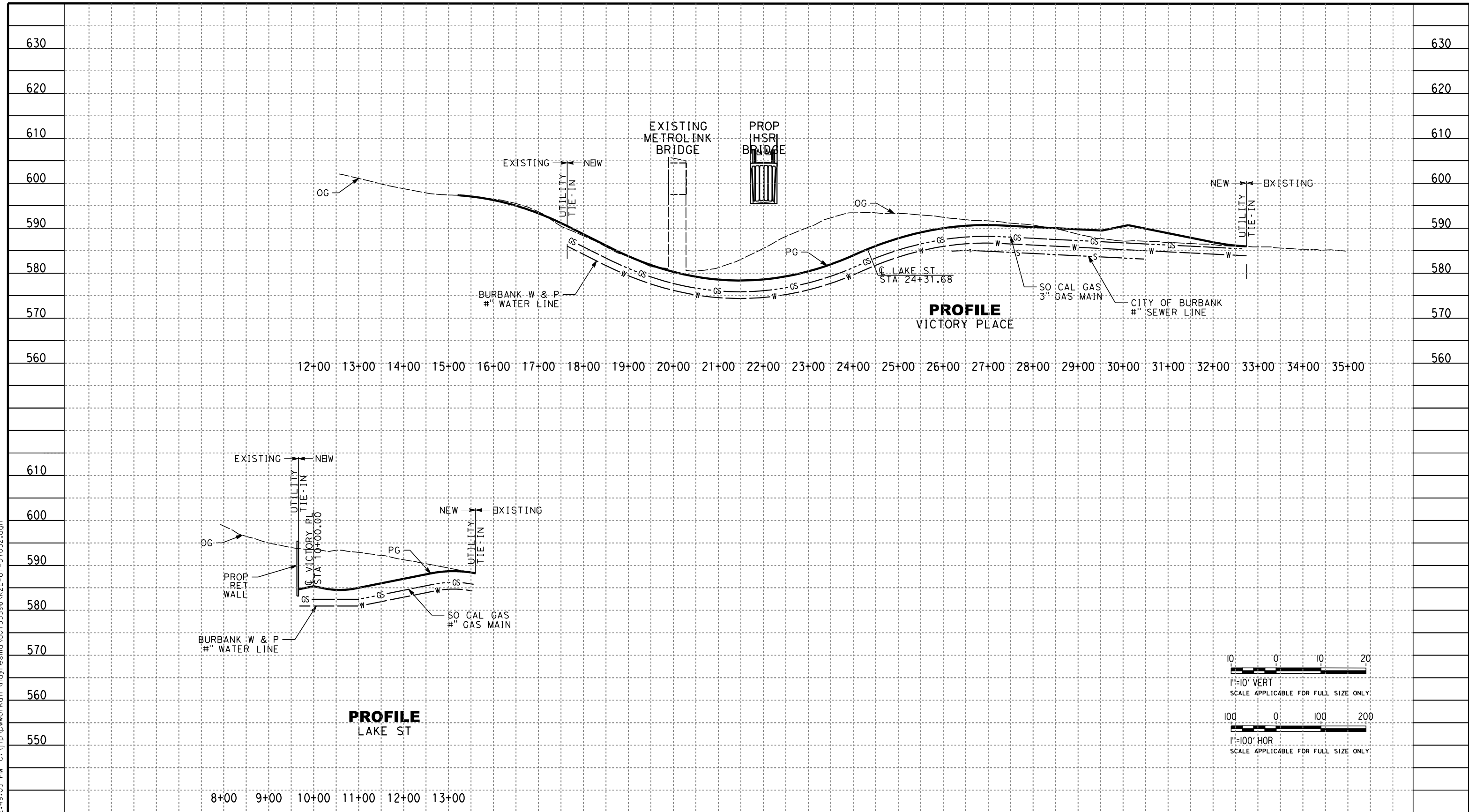
CONTRACT NO.
HSR14-39

DRAWING NO.
UT-D7031

SCALE
AS SHOWN

SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS

DRAWN BY
A. CORTEZ

CHECKED BY
C. ADAMS

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**



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

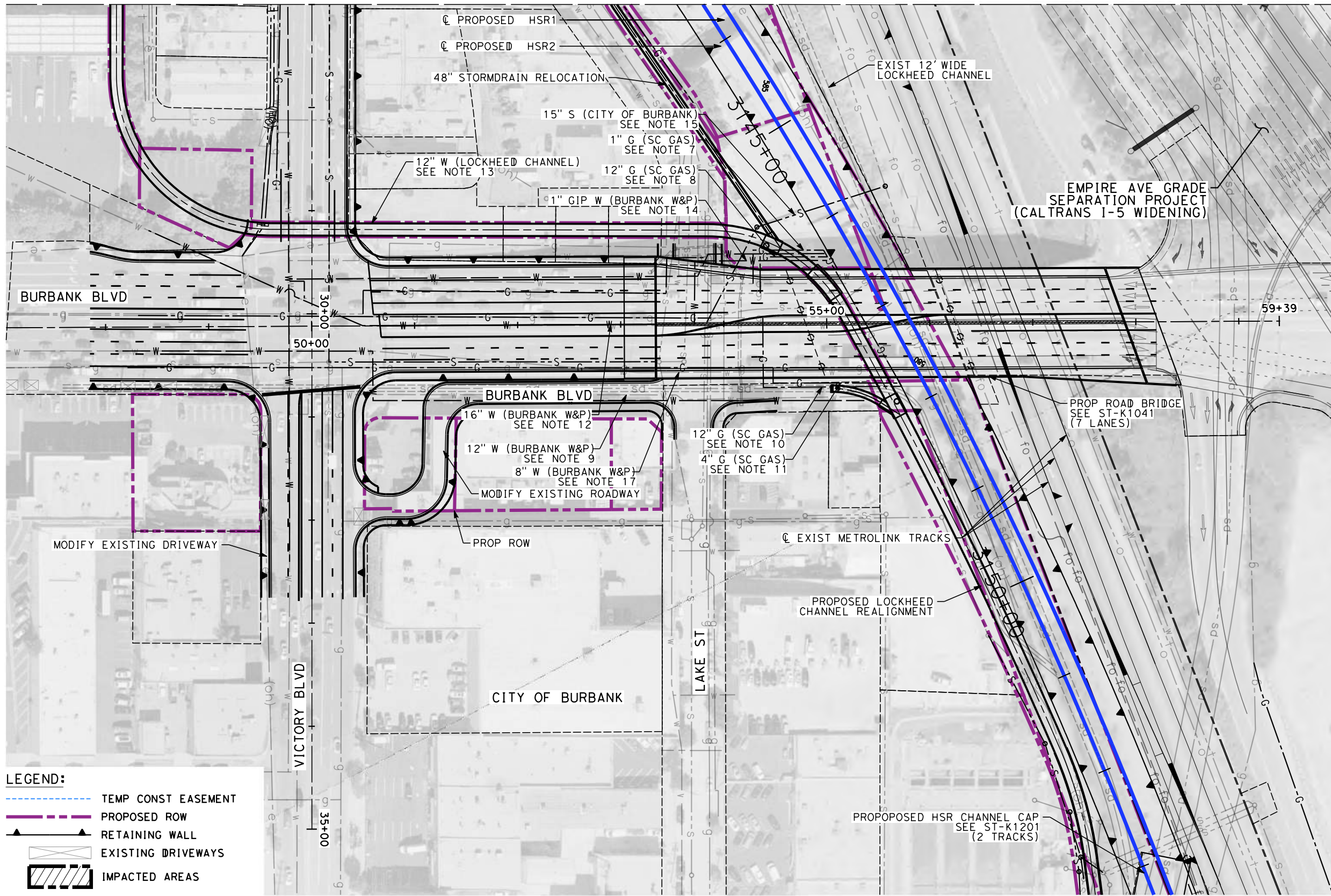
PEPD
PROPOSED UTILITIES RELOCATION PROFILE
VICTORY PLACE UNDERPASS

CONTRACT NO.
HSR14-39

DRAWING NO.
UT-D7032

SCALE
AS SHOWN

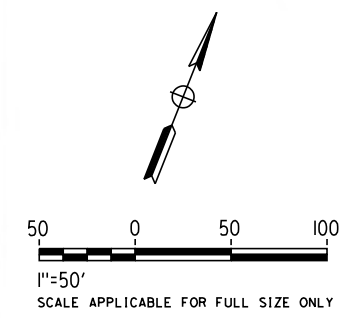
SHEET NO.



- NOTES:**
- FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 - FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 - FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 - FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 - FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 - FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
 - RELOCATE 1" GAS LINE ALONG BURBANK BLVD
 - RELOCATE 12" GAS LINE ALONG BURBANK BLVD
 - RELOCATE 12" WATER LINE ALONG BURBANK BLVD
 - RELOCATE 12" GAS LINE ALONG BURBANK BLVD
 - RELOCATE 4" GAS LINE ALONG BURBANK BLVD
 - RELOCATE 16" WATER LINE ALONG BURBANK BLVD
 - PROPOSED 12" W LOCKHEED CHANNEL
 - RELOCATE 1" WATER LINE PARALLEL TO BURBANK BLVD
 - RELOCATE 15" SEWER LINE ALONG TO BURBANK BLVD
 - SEE DRAWING UT-D1816 FOR PROFILES
 - RELOCATE 8" WATER LINE ALONG BURBANK BLVD

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS



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DESIGNED BY
J. HIGGINS

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A. CORTEZ

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C. ADAMS

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
PROPOSED UTILITIES RELOCATION PLAN
BURBANK BLVD OVERPASS

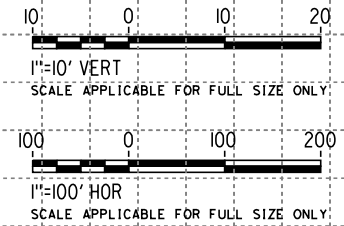
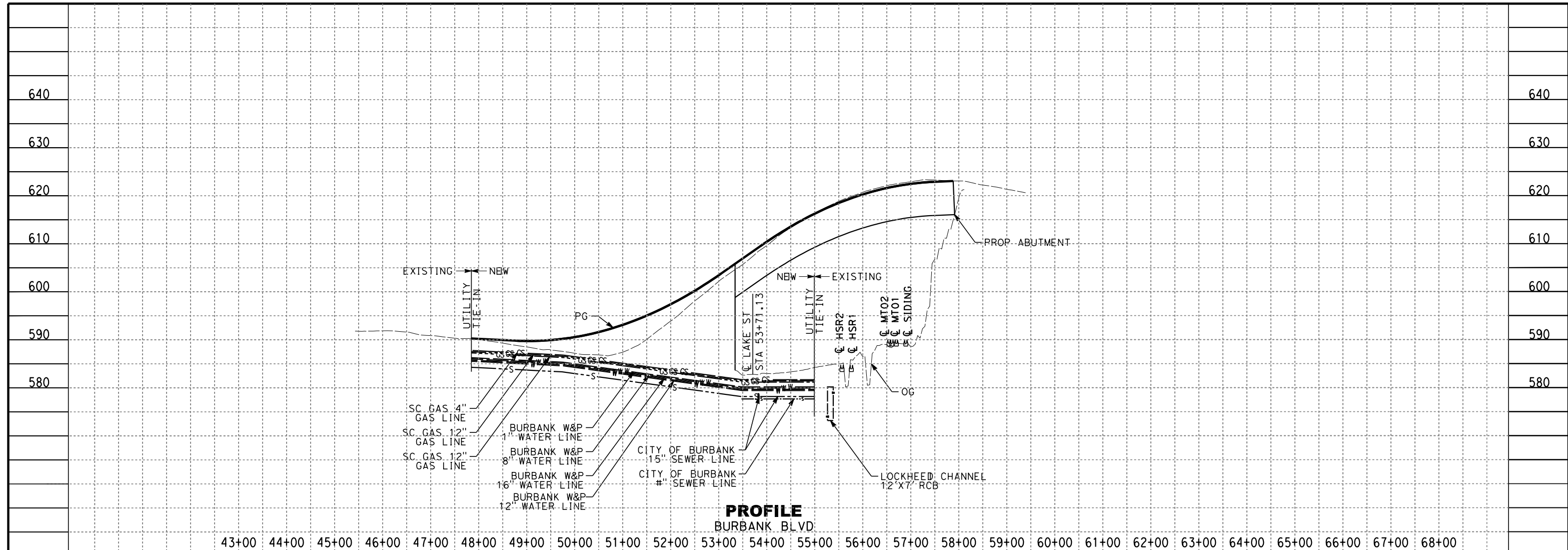
CONTRACT NO.
HSR14-39

DRAWING NO.
UT-D7041

SCALE
AS SHOWN

SHEET NO.

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DESIGNED BY
J. HIGGINS

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A. CORTEZ

CHECKED BY
C. ADAMS

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

PEPD RECORD SET

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
PROPOSED UTILITIES RELOCATION PROFILE
BURBANK BLVD OVERPASS

CONTRACT NO.
HSR14-39

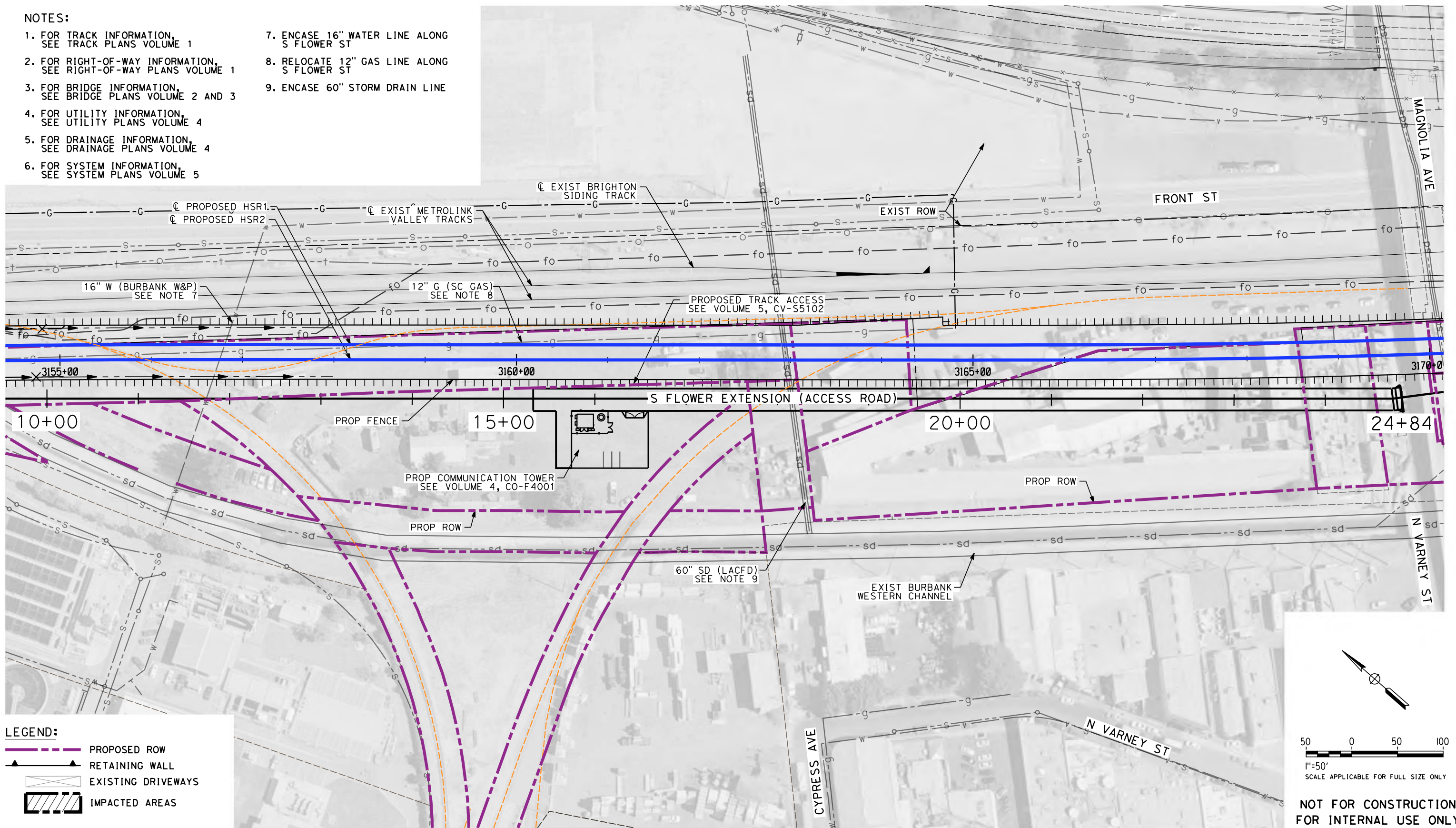
DRAWING NO.
UT-D7042

SCALE
AS SHOWN

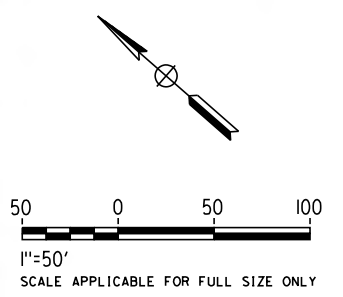
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
7. ENCASE 16" WATER LINE ALONG S FLOWER ST
8. RELOCATE 12" GAS LINE ALONG S FLOWER ST
9. ENCASE 60" STORM DRAIN LINE



- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

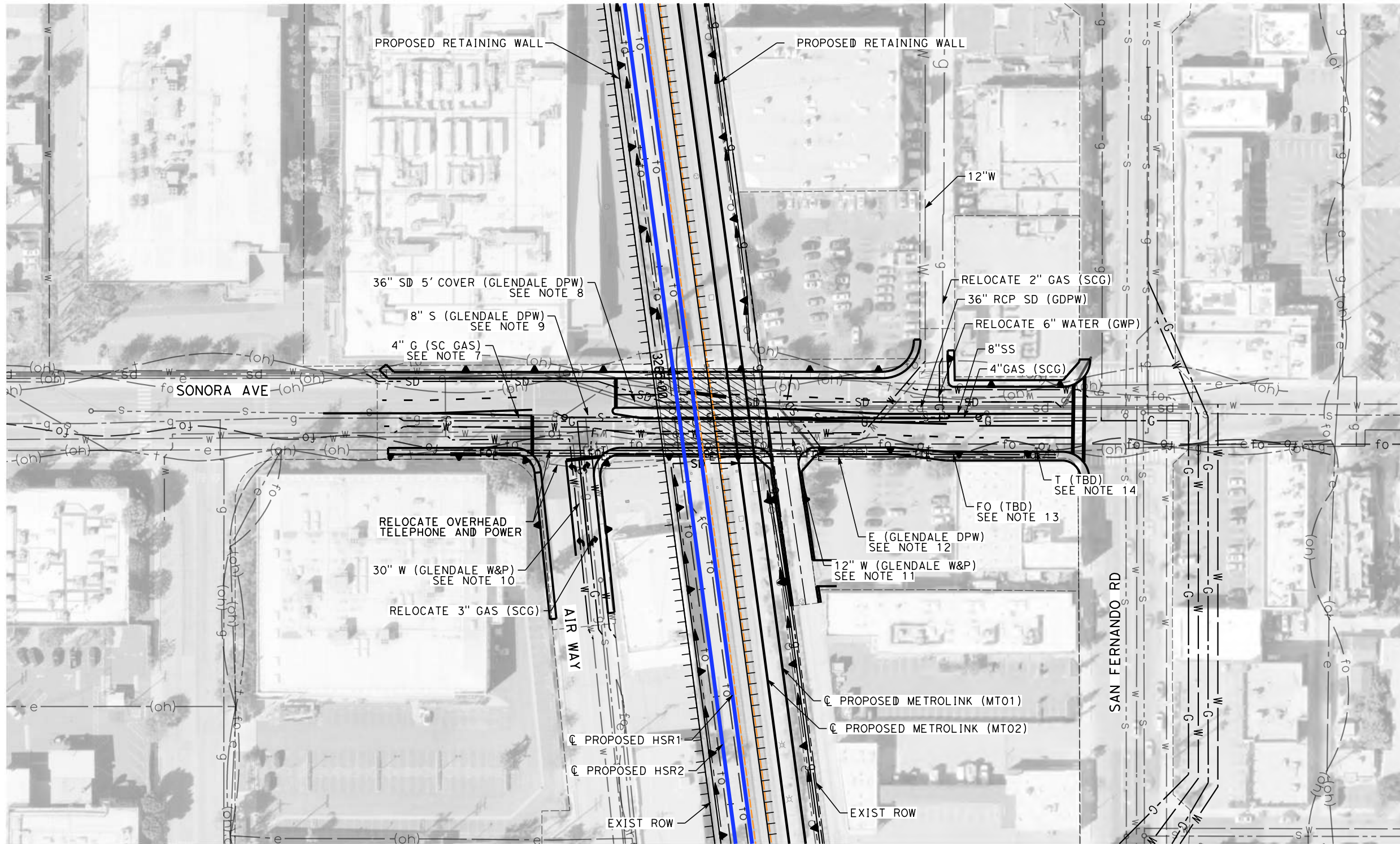
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

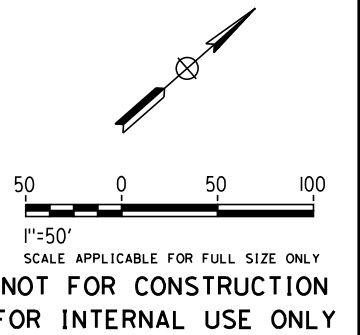
PEPD
PROPOSED UTILITIES RELOCATION PLAN
TRACK ACCESS - SOUTH FLOWER EXTENSION

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7051
SCALE
AS SHOWN
SHEET NO.



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
 7. RELOCATE 4" GAS LINE ALONG SONORA AVE
 8. RELOCATE 36" SD LINE ALONG SONORA AVE
 9. RELOCATE 8" SEWER LINE ALONG SONORA AVE
 10. RELOCATE 18" WATER LINE ALONG SONORA AVE
 11. RELOCATE 12" WATER LINE ALONG SONORA AVE
 12. RELOCATE ELECTRIC LINE ALONG SONORA AVE FROM OVERHEAD TO UNDERGROUND
 13. RELOCATE FIBER OPTIC LINE ALONG SONORA AVE FROM OVERHEAD TO UNDERGROUND
 14. RELOCATE TELECOM LINE ALONG SONORA AVE FROM OVERHEAD TO UNDERGROUND
 15. SEE DRAWING UT-D7072 FOR PROFILE

- LEGEND:**
- TEMP CONST EASEMENT
 - PROPOSED ROW
 - ▲ RETAINING WALL
 - ▭ EXISTING DRIVEWAYS
 - ▨ IMPACTED AREAS



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS

DRAWN BY
A. CORTEZ

CHECKED BY
C. ADAMS

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

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CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

PEPD
PROPOSED UTILITIES RELOCATION PLAN
SONORA AVE UNDERPASS HYBRID

CONTRACT NO.
HSR14-39

DRAWING NO.
UT-D7071

SCALE
AS SHOWN

SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 5
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

530

530

520

520

510

510

500

500

490

490

480

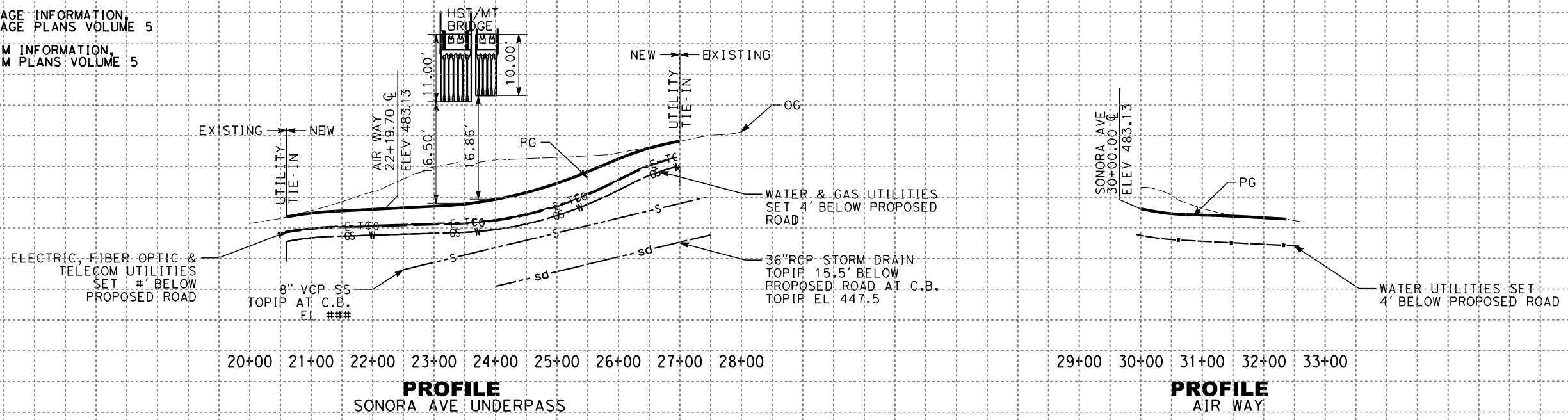
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470

470

460

460



520

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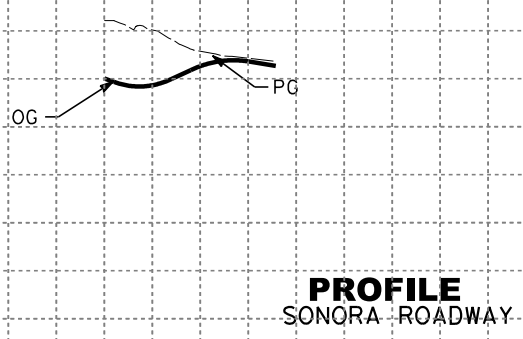
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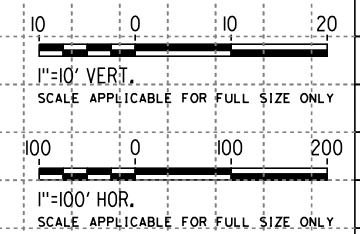
480

470

460



PROFILE
SONORA ROADWAY



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49+00 50+00 51+00 52+00

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J. HIGGINS
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CHECKED BY
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IN CHARGE
DATE

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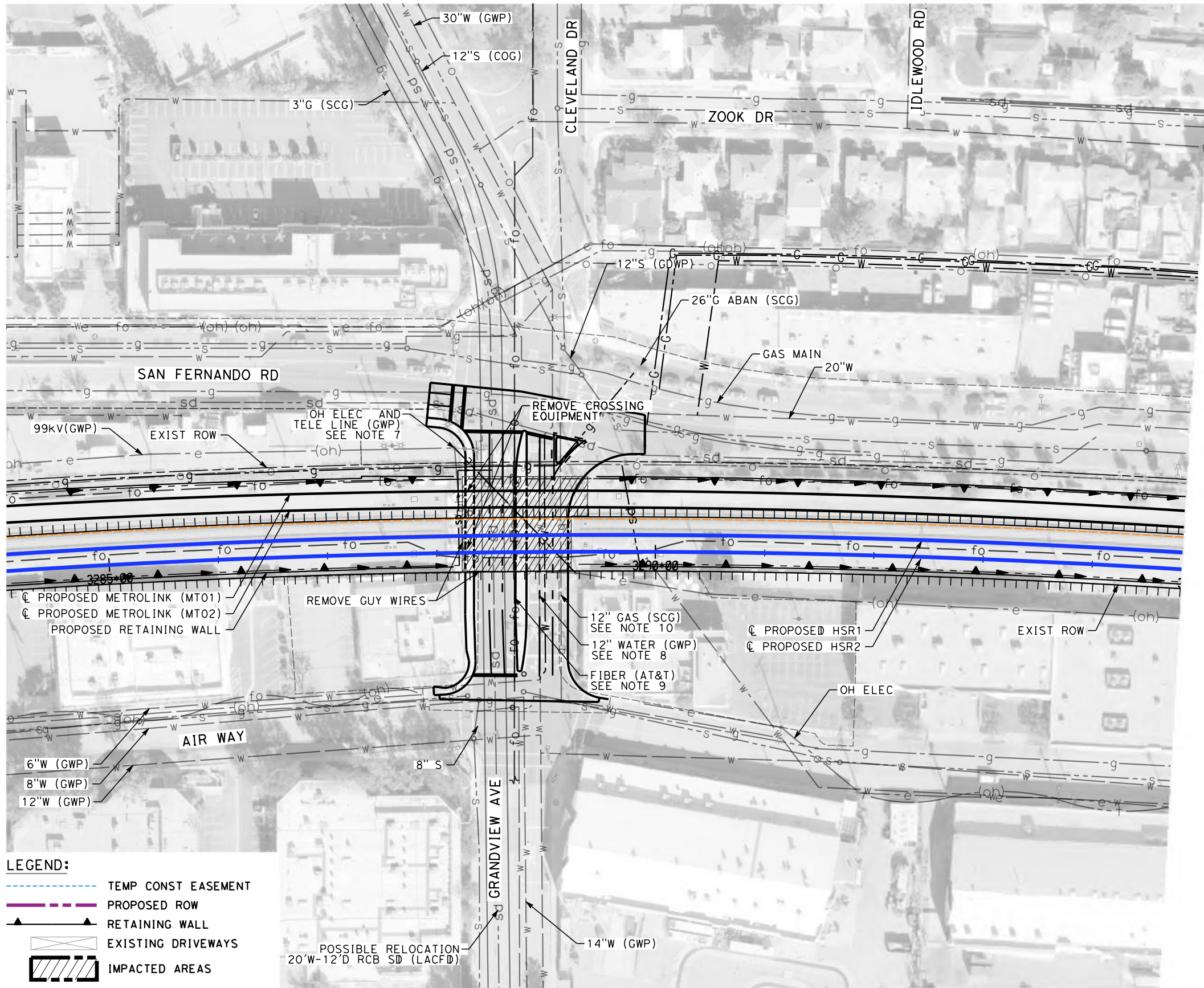
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PROFILE
SONORA AVE UNDERPASS HYBRID

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7072
SCALE
AS SHOWN
SHEET NO.

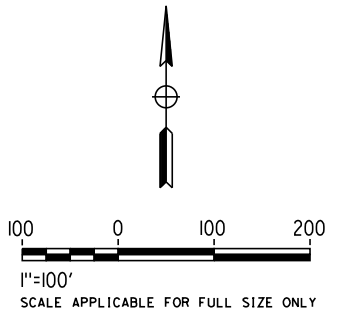


NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
7. RELOCATE ELECTRIC AND TELECOM LINE ALONG GRANDVIEW AVE FROM OVERHEAD TO UNDERGROUND
8. RELOCATE 12" WATER LINE ALONG GRANDVIEW AVE
9. ENCASE FIBER OPTIC LINE WITH 100" OF 23 STEEL (LEVEL 3) ALONG GRANDVIEW AVE
10. ENCASE 12" GAS LINE ALONG GRANDVIEW AVE
11. SEE DRAWING UT-D7082 FOR PROFILE

- LEGEND:**
- TEMP CONST EASEMENT
 - PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS

POSSIBLE RELOCATION
20'W-12'D RCB SD (LACFD)



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
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A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**



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

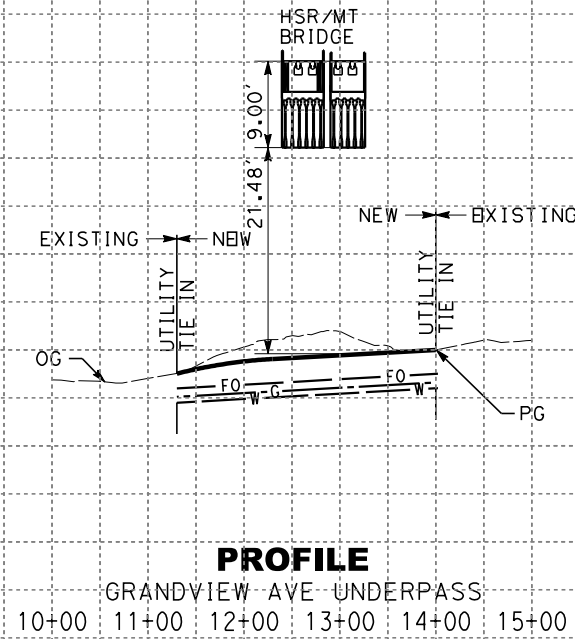
PEPD
PROPOSED UTILITIES RELOCATION PLAN
GRANDVIEW AVE UNDERPASS HYBRID

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7081
SCALE
AS SHOWN
SHEET NO.

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NOTES:

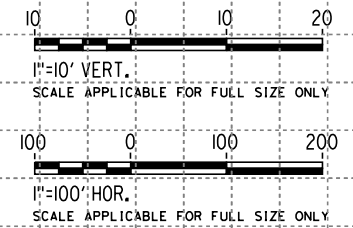
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



PROFILE

GRANDVIEW AVE UNDERPASS

10+00 11+00 12+00 13+00 14+00 15+00



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DESIGNED BY
J. HIGGINS
DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
DATE

**PEPD
RECORD SET**

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CONSTRUCTION**



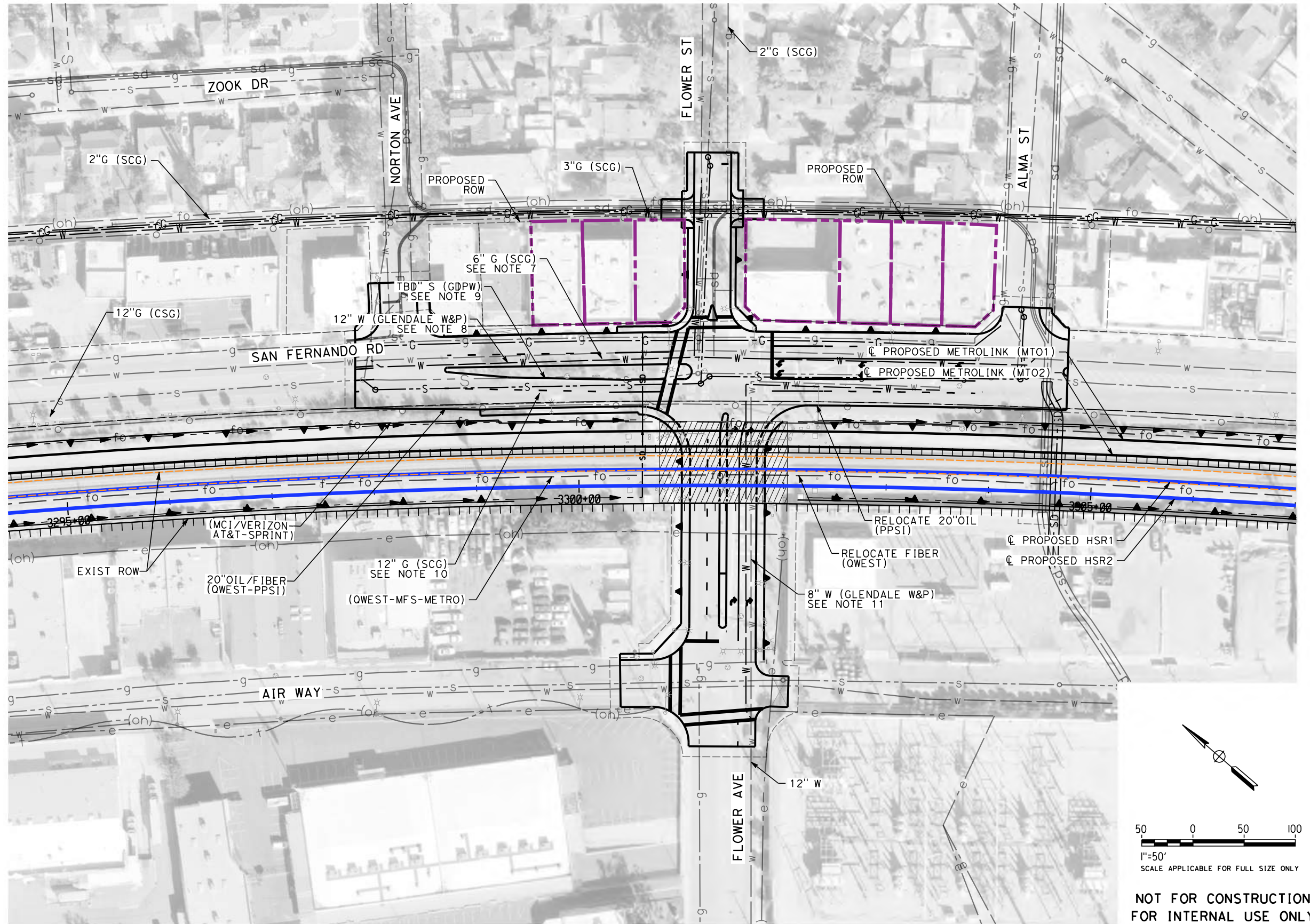
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PROFILE
GRANDVIEW AVE UNDERPASS HYBRID

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7082
SCALE
AS SHOWN
SHEET NO.

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
7. RELOCATE 6" GAS LINE ALONG SAN FERNANDO RD
8. RELOCATE 12" WATER LINE ALONG SAN FERNANDO RD
9. RELOCATE TBD" SEWER LINE ALONG SAN FERNANDO RD
10. RELOCATE 12" GAS LINE ALONG SAN FERNANDO RD
11. RELOCATE 8" WATER LINE ALONG FLOWER ST
12. SEE UT-D7093 FOR PROFILES



LEGEND:

- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS

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

**NOT FOR CONSTRUCTION
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4/30/2019 12:53:36 PM c:\j\p\pwworkdir\haynesma\d0135596\k2l-UT-D7091.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
 DRAWN BY
A. CORTEZ
 CHECKED BY
C. ADAMS
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

**PEPD
RECORD SET**

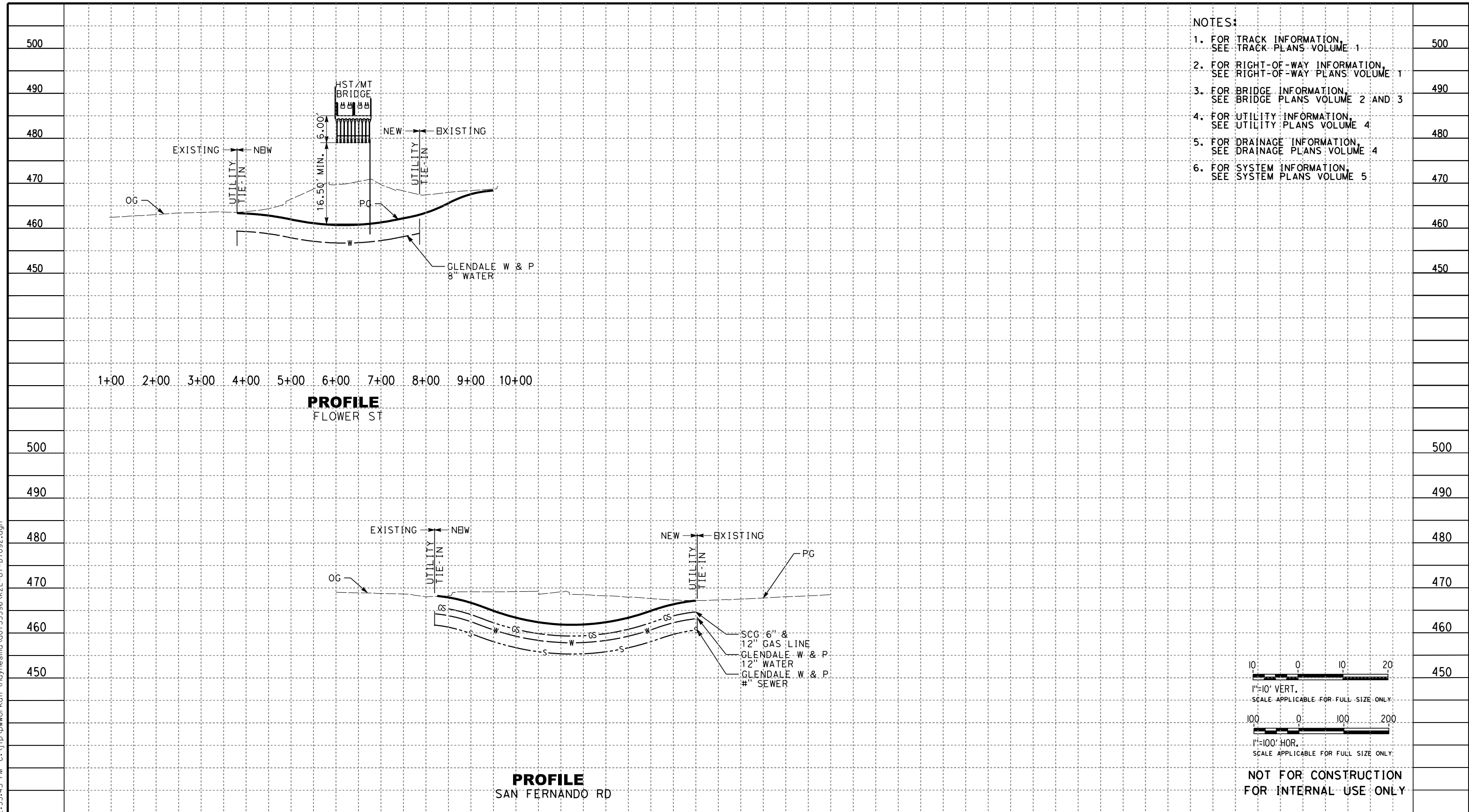
**NOT FOR
CONSTRUCTION**



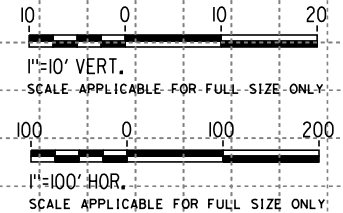
CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES
 OPTION B REFINED ALIGNMENT
 PEPD
 PROPOSED UTILITIES RELOCATION PLAN
 FLOWER ST UNDERPASS HYBRID

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 UT-D7091
 SCALE
 AS SHOWN
 SHEET NO.

4/30/2019 12:53:43 PM c:\j\p\pwworkdir\haynesma\d0135596\k2L-UT-D7092.dgn haynesma



- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



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100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00 109+00 110+00 111+00

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
DATE

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

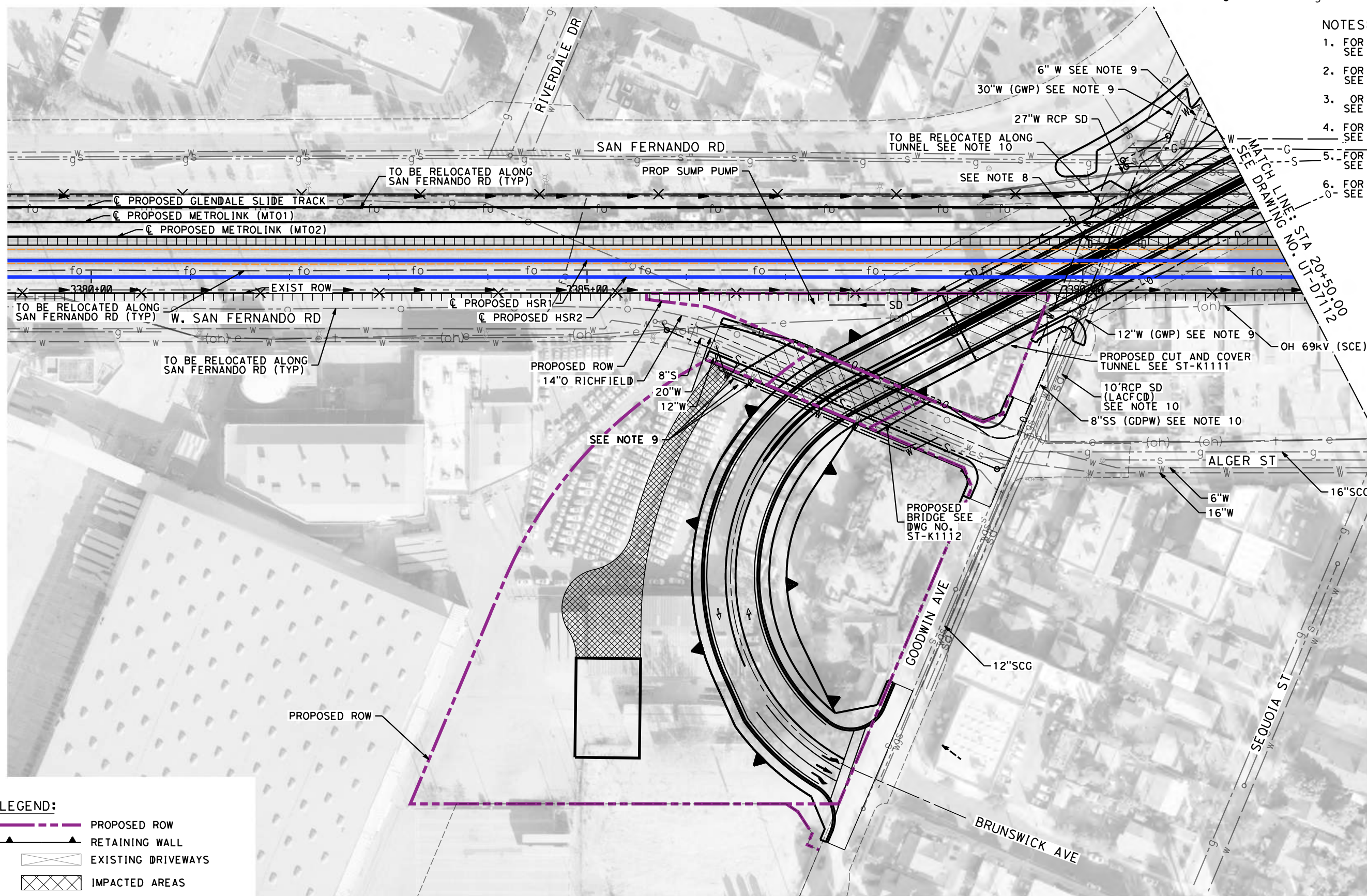


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PROFILE
FLOWER ST UNDERPASS HYBRID

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7092
SCALE
AS SHOWN
SHEET NO.

4/30/2019 12:54:14 PM c:\j\p\pwworkdir\haynesma\d0135596\k2L-UT-D7111.dgn

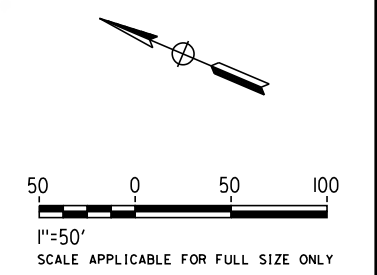


- NOTES:**
- FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 - FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 - OR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 - FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 - FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 - FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

- ALGER:**
- ENCASE (2) WATER LINES FROM JOIN LINE TO JOIN LINE.
- GOODWIN:**
- ADD CATCH BASINS AT LOW POINT AND TIE INTO STORM DRAIN TO SUMP PUMP
 - WATER, SEWER, OIL LINES FROM ALGER TO SF ROAD TO BE RELOCATED ALONG THE BOX TUNNEL ALIGNMENT THEN ACROSS THE TOP OF THE BOX WITH A TIE-IN TO THE EXISTING UTILITY RUN ON GOODWIN AVE.
 - SS AND SD TO BE RELOCATED ALONG GOODWIN AVE UNDERPASS AND TIE-IN ADJACENT TO BRUNSWICK AVE.
11. SEE DRAWING UT-D7113 FOR PROFILES

LEGEND:

	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**

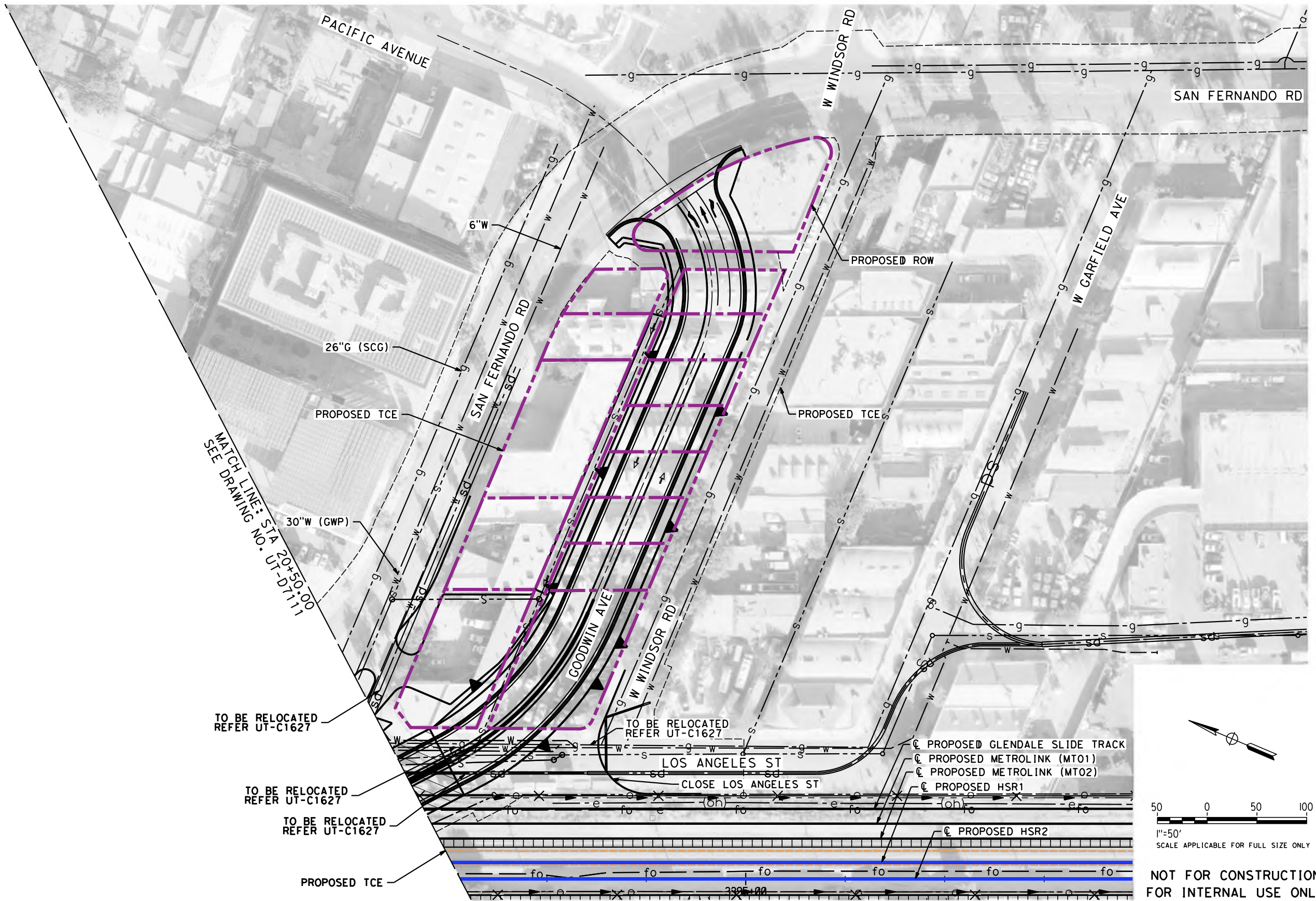


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PLAN
GOODWIN AVE UNDERPASS SHEET 1 OF 2

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7111
SCALE
AS SHOWN
SHEET NO.

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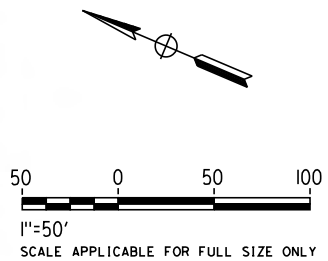


NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
7. SEE DRAWING UT-D7113 FOR PROFILES

LEGEND:

- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
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A. CORTEZ
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C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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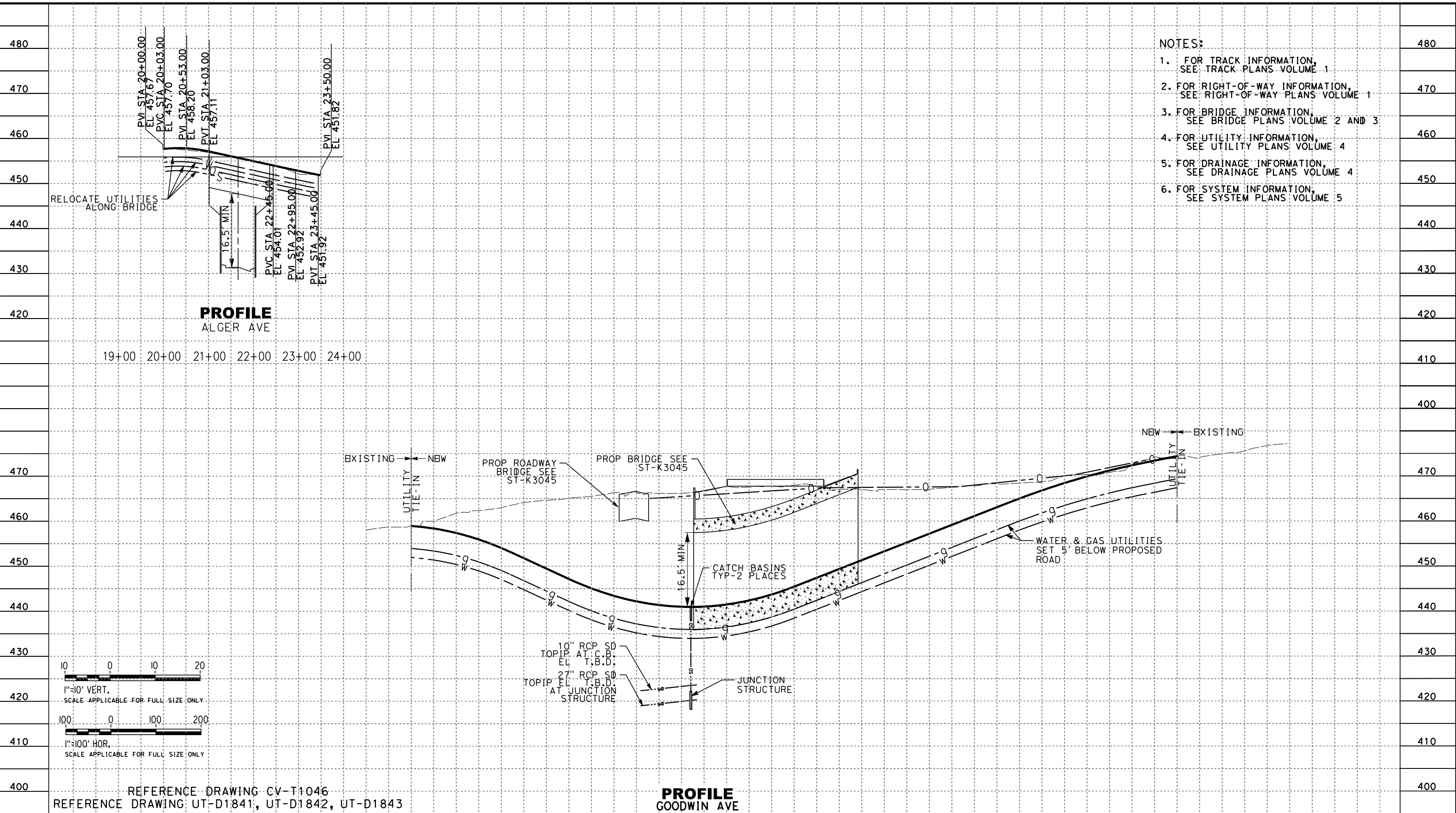


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

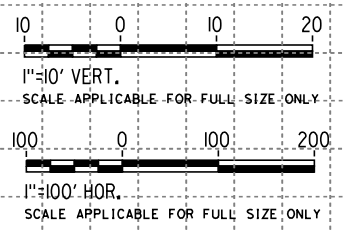
PEPD
PROPOSED UTILITIES RELOCATION PLAN
GOODWIN AVE UNDERPASS SHEET 2 OF 2

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7112
SCALE
AS SHOWN
SHEET NO.

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- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



REFERENCE DRAWING CV-T1046
 REFERENCE DRAWING UT-D1841, UT-D1842, UT-D1843

STATION	4+00	5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	TOTAL	
Exc																														
Emb																														

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS

DRAWN BY
A. CORTEZ

CHECKED BY
C. ADAMS

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

PEPD RECORD SET

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

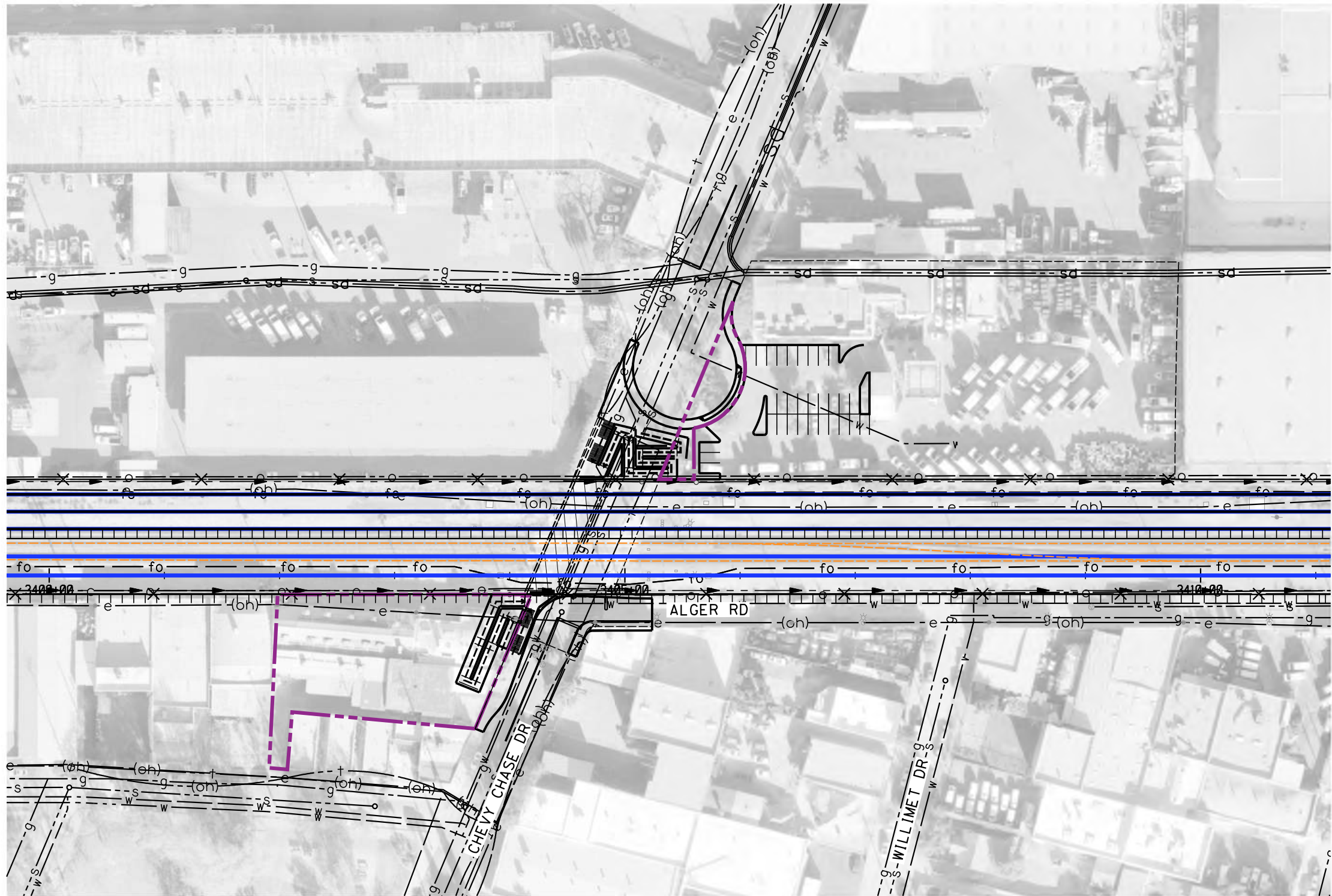
PEPD
 PROPOSED UTILITIES RELOCATION PROFILE
 GOODWIN AVE UNDERPASS

CONTRACT NO.
HSR14-39

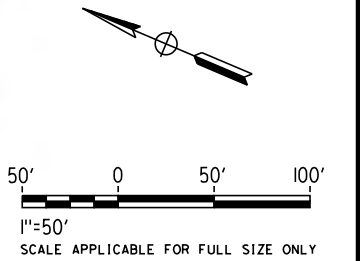
DRAWING NO.
UT-D7113

SCALE
AS SHOWN

SHEET NO.



- LEGEND:**
- PROPOSED ROW
 - RETAINING WALL
 - EXISTING DRIVEWAYS
 - IMPACTED AREAS
 - PROPOSED STRUCTURE



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REFERENCE DRAWING CV-T1049

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IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

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RECORD SET**

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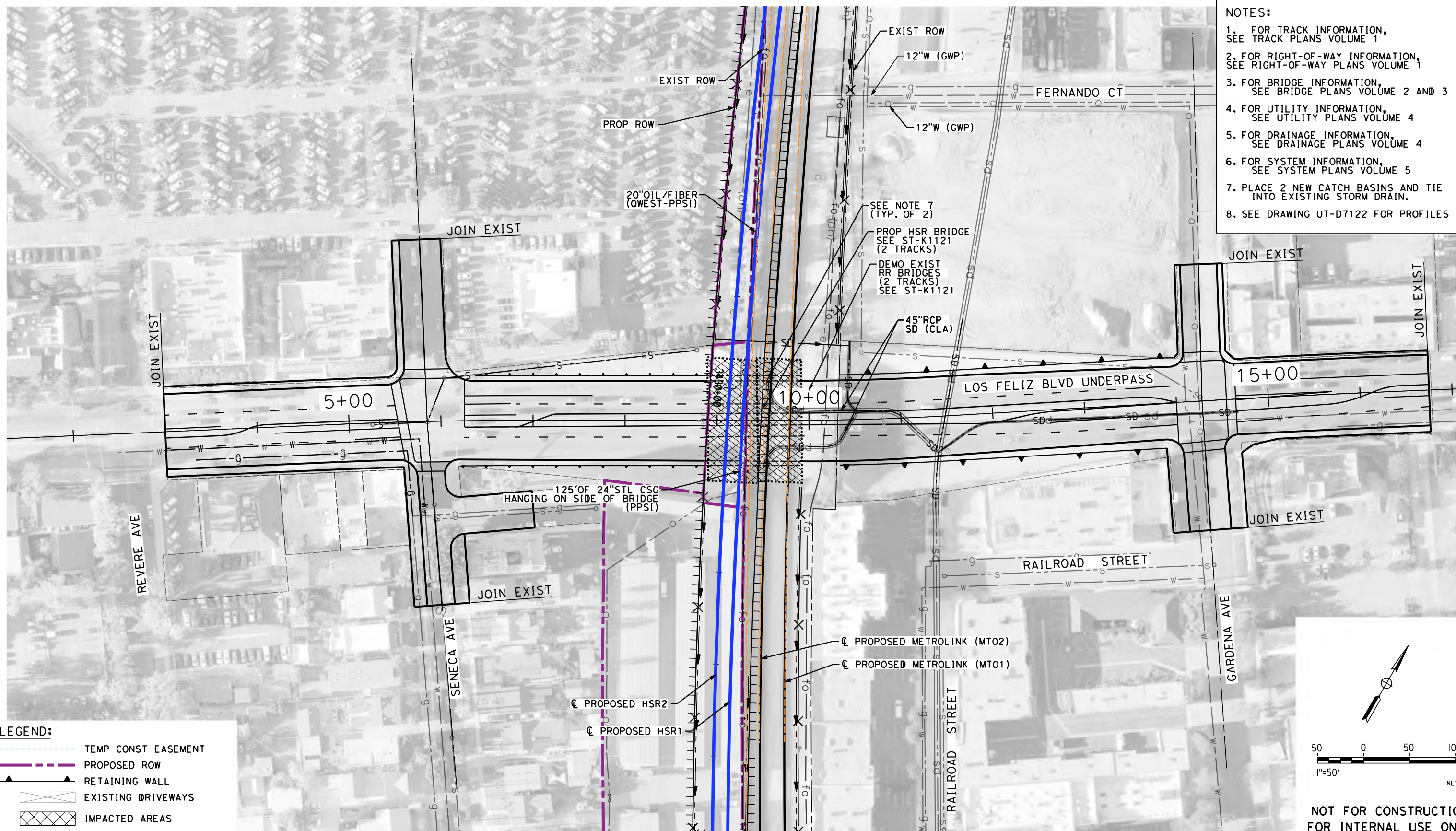
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PEPD PROPOSED UTILITIES RELOCATION PLAN
CHEVY CHASE DR PEDESTRIAN UNDERPASS

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7114
SCALE
AS SHOWN
SHEET NO.

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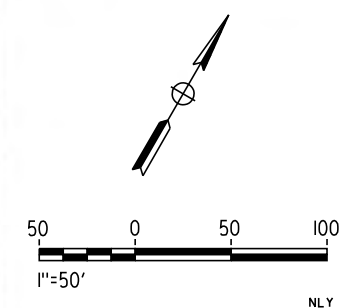
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- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
 7. PLACE 2 NEW CATCH BASINS AND TIE INTO EXISTING STORM DRAIN.
 8. SEE DRAWING UT-D7122 FOR PROFILES

LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE



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REFERENCE DRAWING CV-T1053

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
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A. CORTEZ
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C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

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CONSTRUCTION**



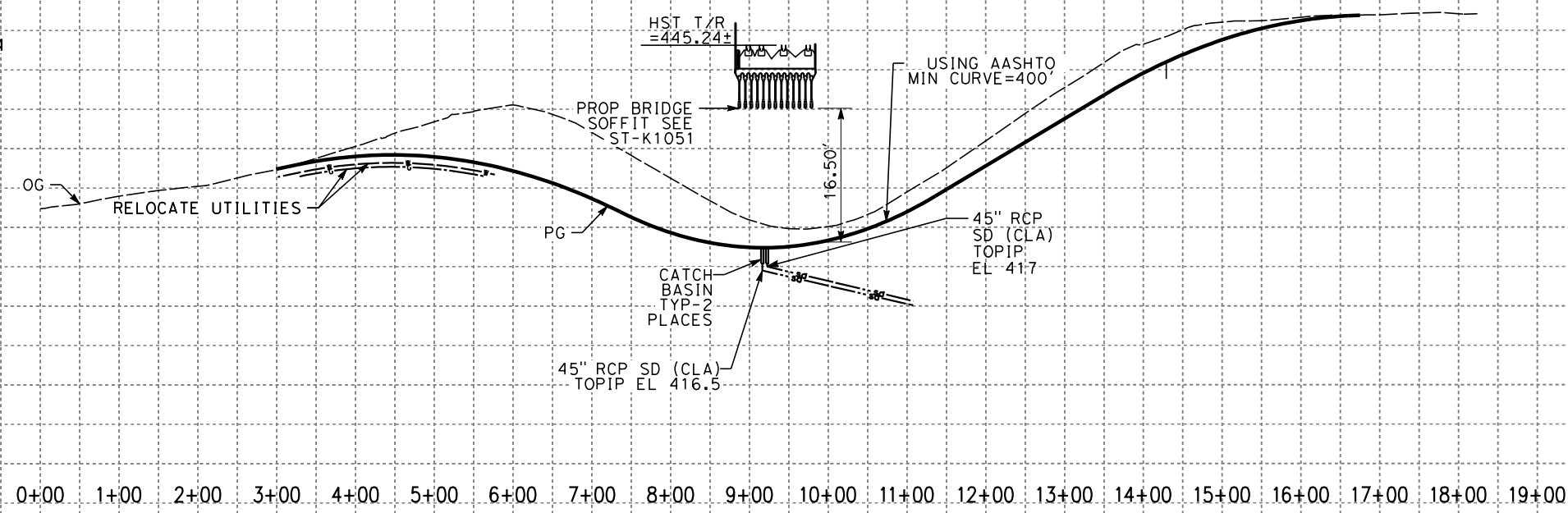
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PLAN
LOS FELIZ AVE UNDERPASS

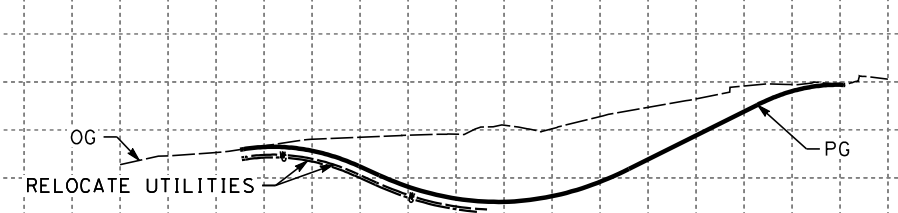
CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7121
SCALE
AS SHOWN
SHEET NO.

NOTES:

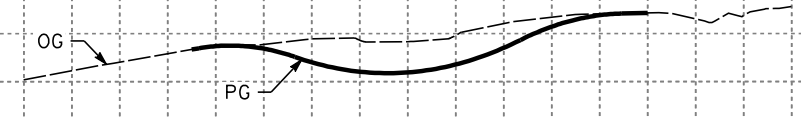
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



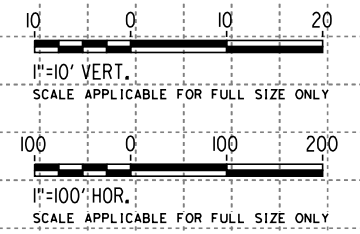
PROFILE
LOS FELIZ ROAD UNDERPASS



PROFILE
SENECA AVE



PROFILE
GARDENA AVE



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REFERENCE DRAWING CV-T1052

STATION	4+00	5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	4+00	5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	TOTAL	
Exc																												
Emb																												

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CHECKED BY	C. ADAMS
IN CHARGE	
DATE	

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

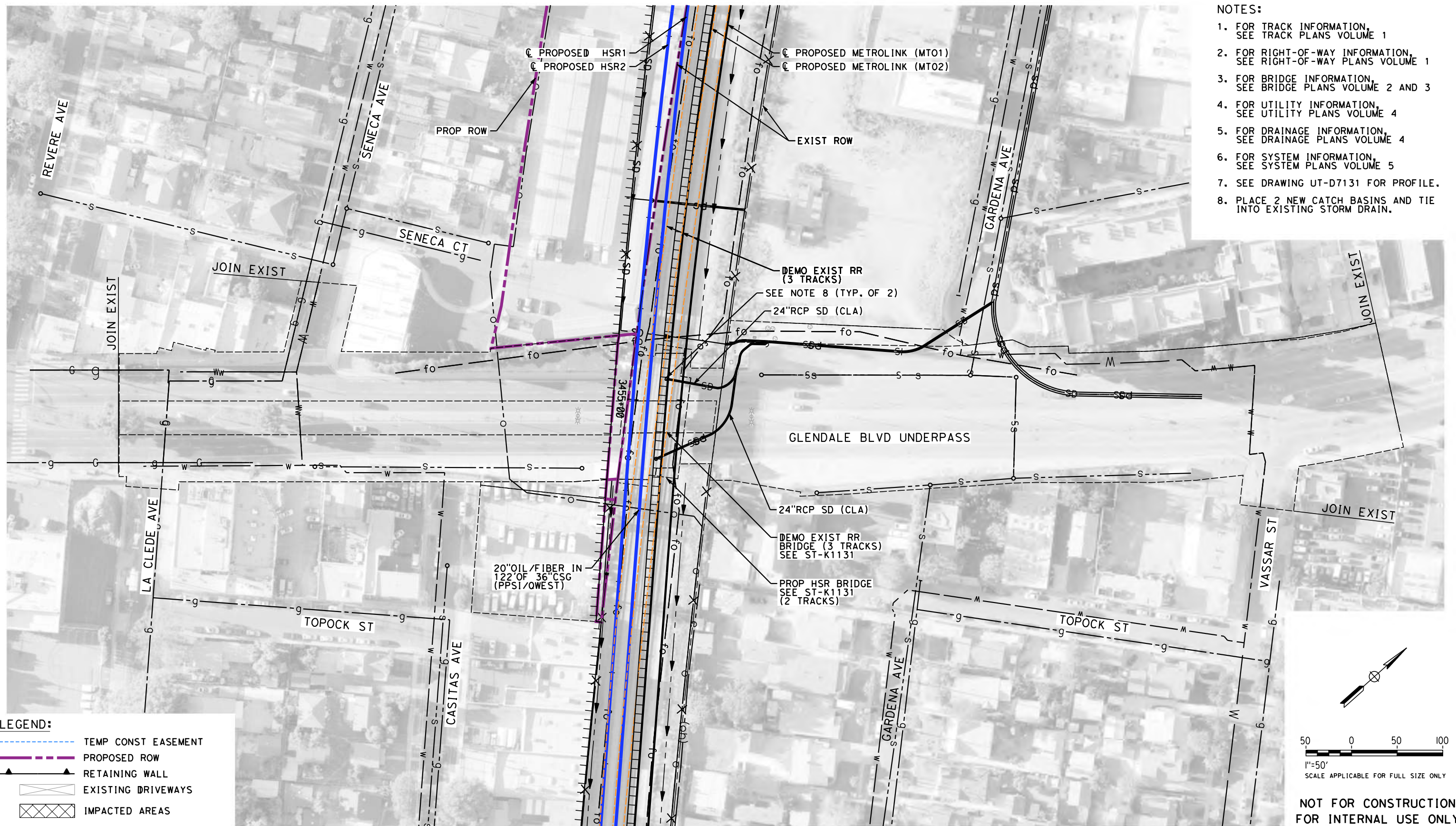
PEPD
PROPOSED UTILITIES RELOCATION PROFILE
LOS FELIZ AVE UNDERPASS

CONTRACT NO.	HSR14-39
DRAWING NO.	UT-D7122
SCALE	AS SHOWN
SHEET NO.	

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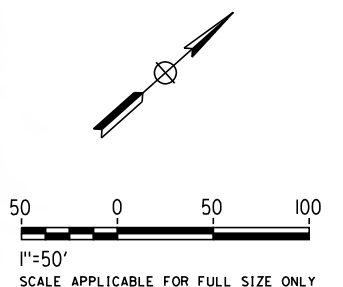
NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
7. SEE DRAWING UT-D7131 FOR PROFILE.
8. PLACE 2 NEW CATCH BASINS AND TIE INTO EXISTING STORM DRAIN.



LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE



**NOT FOR CONSTRUCTION
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REFERENCE DRAWING CV-T1133

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

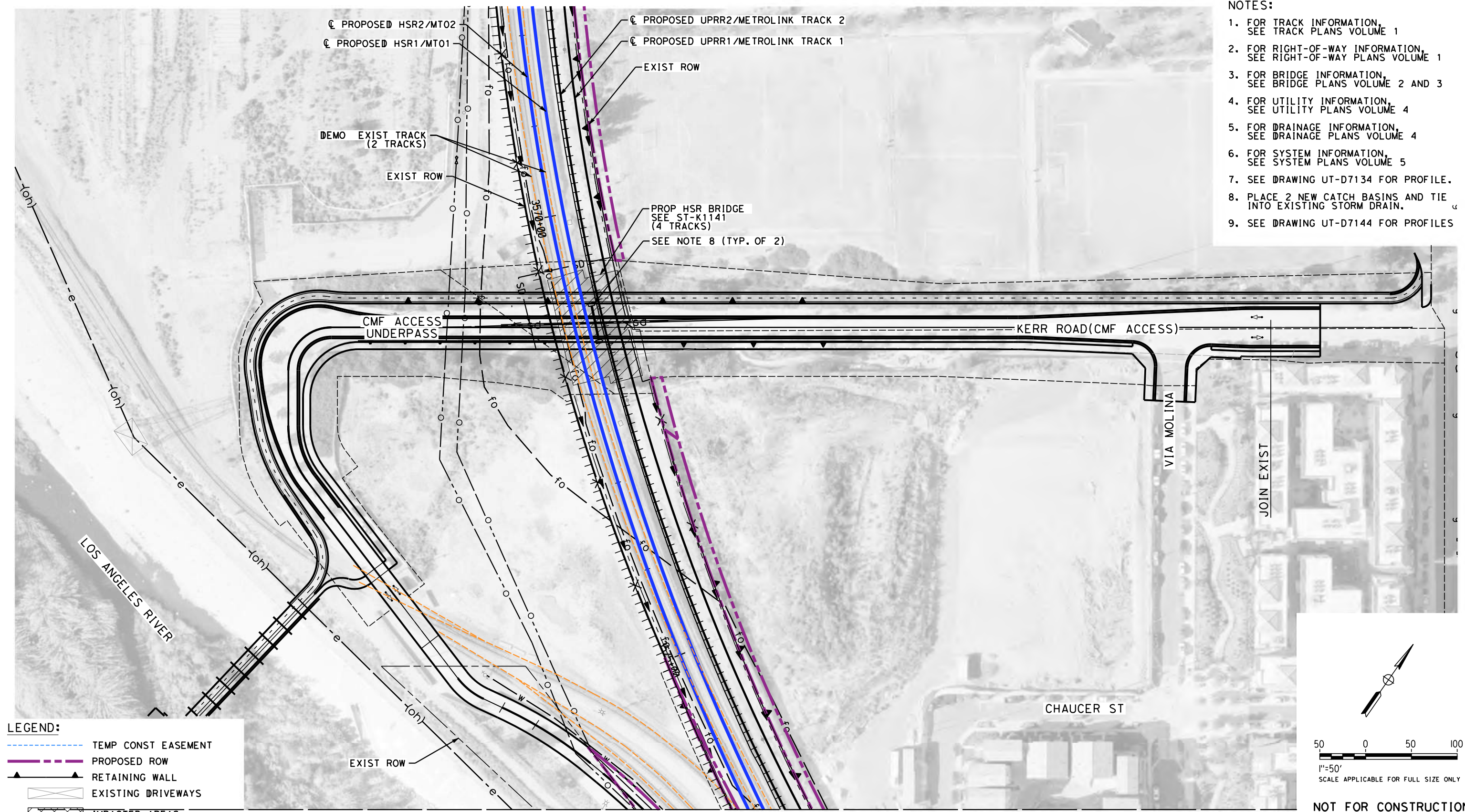


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PLAN
GLENDALE BLVD UNDERPASS

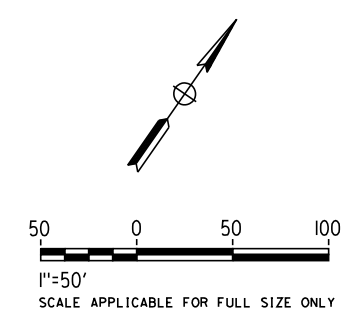
CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7131
SCALE
AS SHOWN
SHEET NO.

- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
 7. SEE DRAWING UT-D7134 FOR PROFILE.
 8. PLACE 2 NEW CATCH BASINS AND TIE INTO EXISTING STORM DRAIN.
 9. SEE DRAWING UT-D7144 FOR PROFILES



LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE



MATCH LINE: KERR ROAD STA 19+00
SEE DRAWING NO. UT-D1833

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REFERENCE DRAWING CV-T1144

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

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CONSTRUCTION**



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

PEPD
PROPOSED UTILITIES RELOCATION PLAN
KERR ROAD (CMF ACCESS) UNDERPASS SHEET 1 OF 3

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7141
SCALE
AS SHOWN
SHEET NO.

4/30/2019 12:57:22 PM c:\j\p\pwworkdir\haynesma\d0135596\k2L-UT-D7141.dgn haynesma

MATCH LINE: KERR ROAD STA 19+00.00
SEE DRAWING NO. UT-D7141

NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
7. SEE DRAWING UT-D7144 FOR PROFILE.
8. RELOCATE WATER LINE TO AVOID CUT AND COVER SECTION.



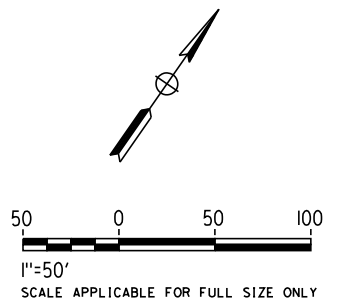
LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE

MATCH LINE: KERR ROAD STA 29+00.00
SEE DRAWING NO. UT-D7143

NOTE: RELOCATE WATER LINE TO AVOID CUT AND COVER SECTION.

REFERENCE DRAWING CV-T1145



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DESIGNED BY
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DRAWN BY
A. CORTEZ
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C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**



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

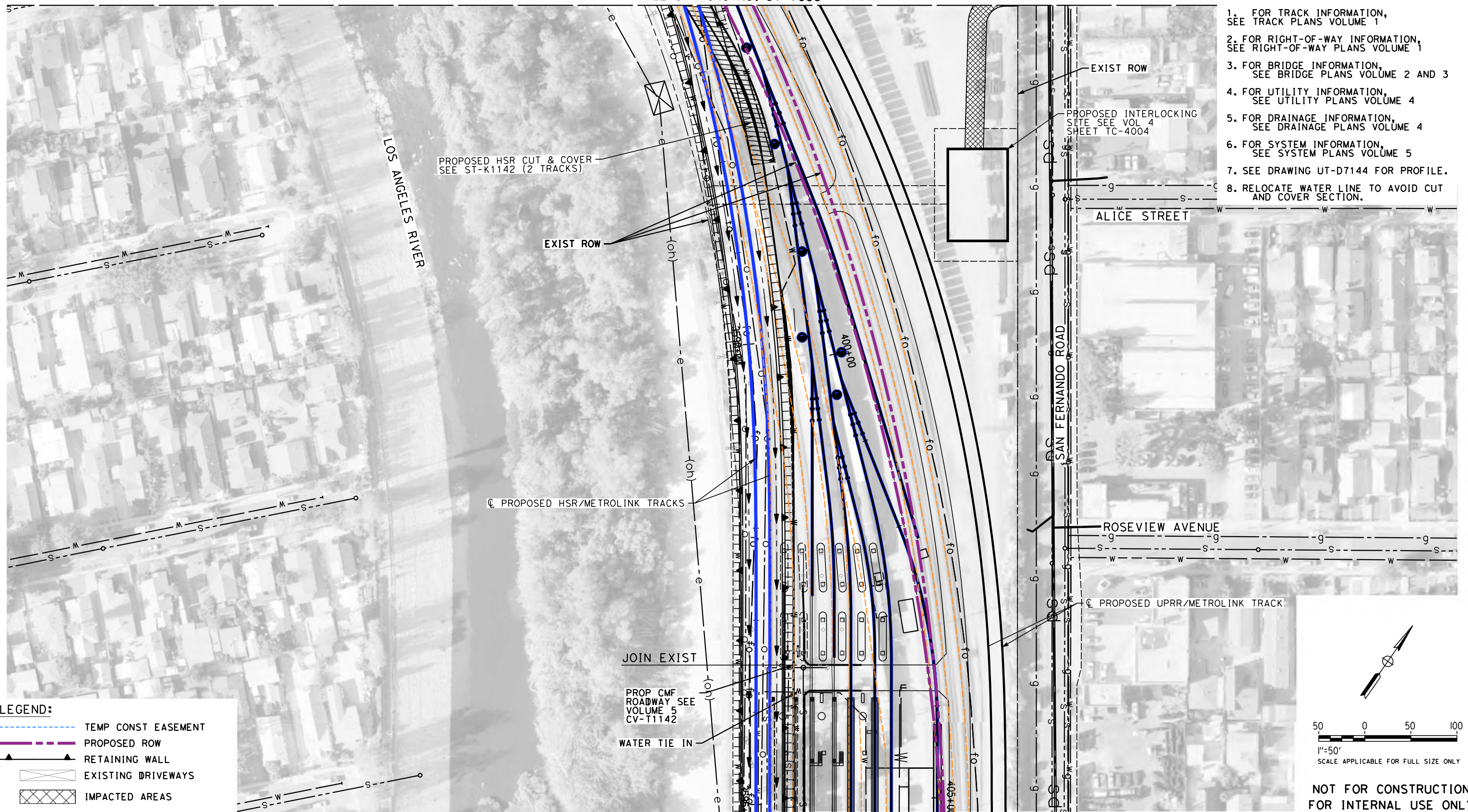
PEPD
PROPOSED UTILITIES RELOCATION PLAN
CMF ACCESS UNDERPASS SHEET 2 OF 3

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7142
SCALE
AS SHOWN
SHEET NO.

MATCH LINE: KERR ROAD STA 29+00.00
SEE DRAWING NO. UT-1833

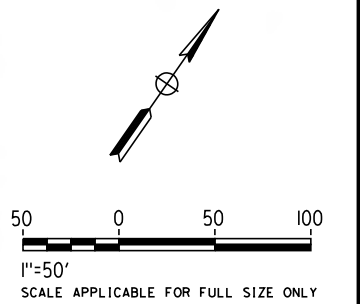
NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
7. SEE DRAWING UT-D7144 FOR PROFILE.
8. RELOCATE WATER LINE TO AVOID CUT AND COVER SECTION.



LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE



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REFERENCE DRAWING CV-T1146

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
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A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

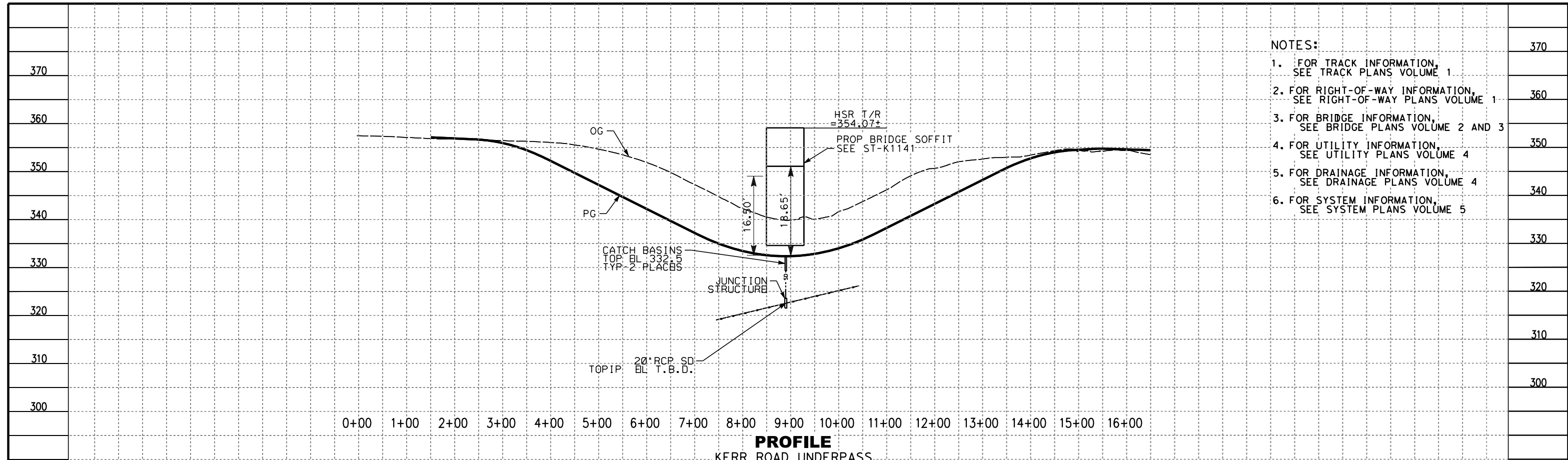


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

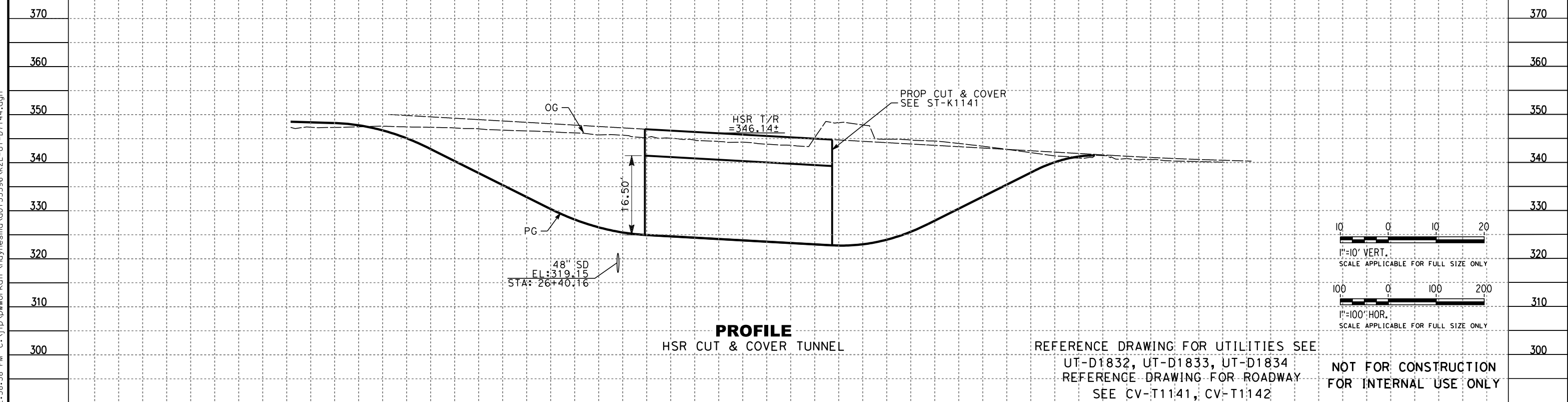
PEPD
PROPOSED UTILITIES RELOCATION PLAN
CMF ACCESS UNDERPASS SHEET 3 OF 3

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7143
SCALE
AS SHOWN
SHEET NO.

4/30/2019 12:58:38 PM c:\jip\pwworkdir\haynesma\d0135596\k2L-UT-D7144.dgn haynesma

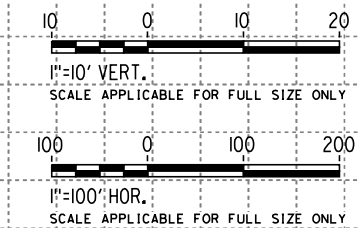


PROFILE
KERR ROAD UNDERPASS



PROFILE
HSR CUT & COVER TUNNEL

REFERENCE DRAWING FOR UTILITIES SEE
UT-D1832, UT-D1833, UT-D1834
REFERENCE DRAWING FOR ROADWAY
SEE CV-T1141, CV-T1142



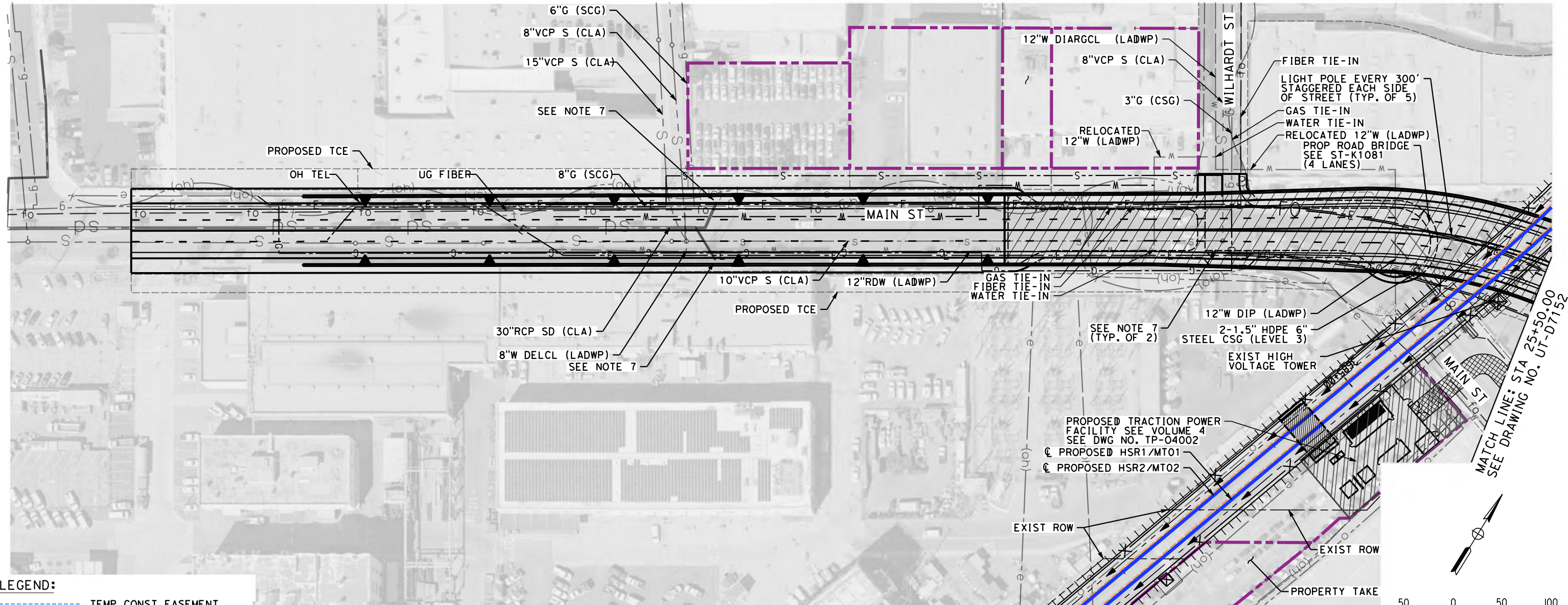
- NOTES:**
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

STATION	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00	39+00	TOTAL	
Exc																					
Emb																					

DESIGNED BY J. HIGGINS	<p>PEPD RECORD SET</p> <p>NOT FOR CONSTRUCTION</p>				<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT BURBANK TO LOS ANGELES</p> <p>PEPD PROPOSED UTILITIES RELOCATION PROFILE CMF ACCESS UNDERPASS</p>	<p>CONTRACT NO. HSR14-39</p> <p>DRAWING NO. UT-D7144</p> <p>SCALE AS SHOWN</p> <p>SHEET NO.</p>
DRAWN BY A. CORTEZ						
CHECKED BY C. ADAMS						
IN CHARGE K. PIRBAZARI						
DATE 04/30/2019						
REV	DATE	BY	CHK	APP	DESCRIPTION	

NOTES:

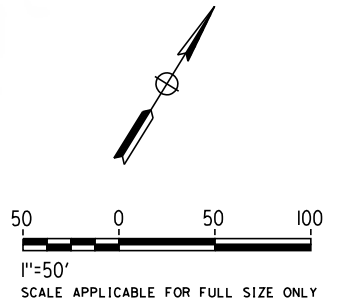
1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
7. PLACE NEW CATCH BASINS WHERE INDICATED ON PLANS.
8. RELOCATE FIBER TO NEW BRIDGE WITH TIE-INS AT EACH END.
9. RELOCATE WATER LINE(S) TO NEW BRIDGE WITH TIE-INS AT EACH END
10. RELOCATE LADWP (POWER) TO NEW BRIDGE WITH TIE-INS AT EACH END AND CONDUITS FOR NEW STREET LIGHTS.
11. RELOCATE GAS LINE TO NEW BRIDGE WITH TIE-INS AT EACH END.
12. SEE DRAWING UT-D7155 FOR PROFILE.



LEGEND:

	TEMP CONST EASEMENT
	PROPOSED ROW
	RETAINING WALL
	EXISTING DRIVEWAYS
	IMPACTED AREAS
	PROPOSED STRUCTURE

MATCH LINE
SEE DRAWING NO. UT-D7154



**NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY**

REFERENCE DRAWING CV-T1153

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**



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

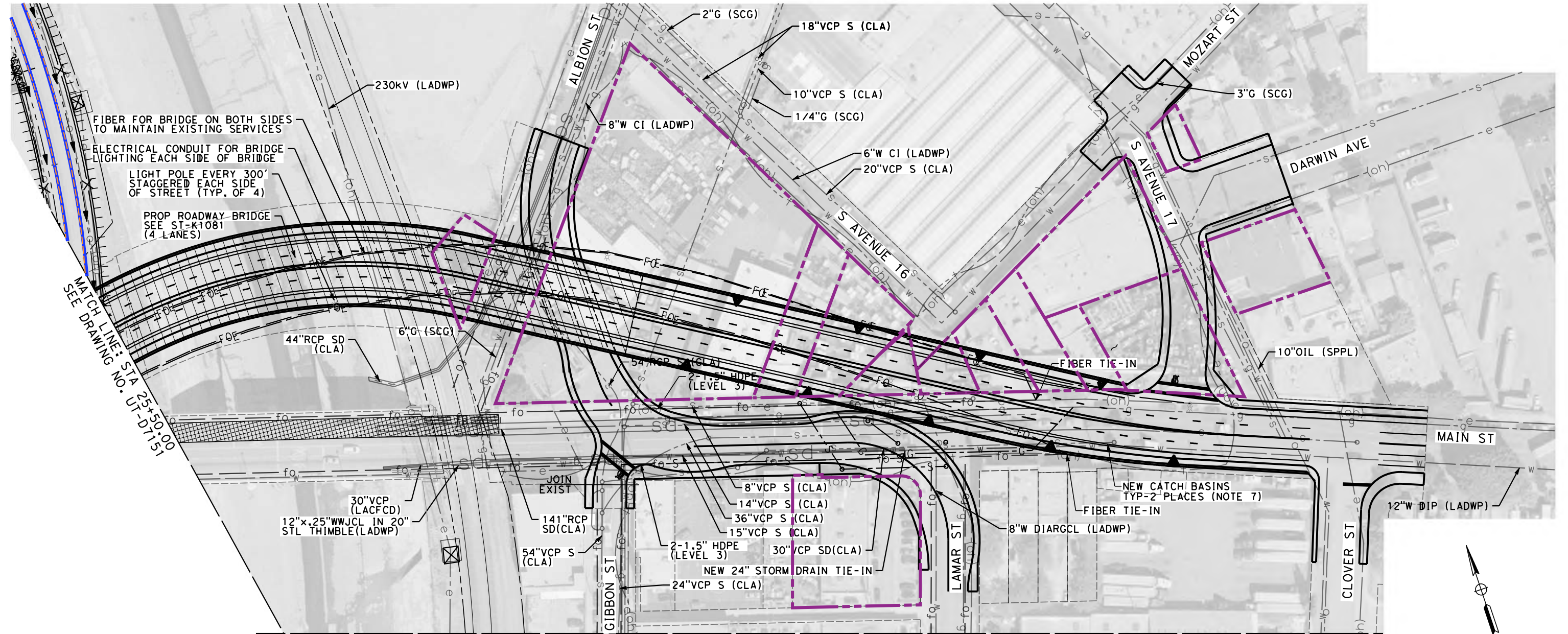
PEPD
PEPD PROPOSED UTILITIES RELOCATION PLAN
MAIN ST OVERPASS SHEET 1 OF 4

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7151
SCALE
AS SHOWN
SHEET NO.

4/30/2019 12:59:14 PM c:\j\p\pwworkdir\haynesma\d0135596\k2l-ut-d7151.dgn haynesma

NOTES:

- | | | |
|--|---|---|
| 1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1 | 5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4 | 9. RELOCATE WATER LINE(S) TO NEW BRIDGE WITH TIE-INS AT EACH END |
| 2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1 | 6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5 | 10. RELOCATE LADWP (POWER) TO NEW BRIDGE WITH TIE-INS AT EACH END AND CONDUITS FOR NEW STREET LIGHTS. |
| 3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3 | 7. PLACE NEW CATCH BASINS WHERE INDICATED ON PLANS. | 11. RELOCATE GAS LINE TO NEW BRIDGE WITH TIE-INS AT EACH END. |
| 4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4 | 8. RELOCATE FIBER TO NEW BRIDGE WITH TIE-INS AT EACH END. | 12. SEE DRAWING UT-D1885 FOR PROFILE. |



LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- ▲ RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE

SEE DRAWING NO. UT-D7153

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REFERENCE DRAWING CV-T1154

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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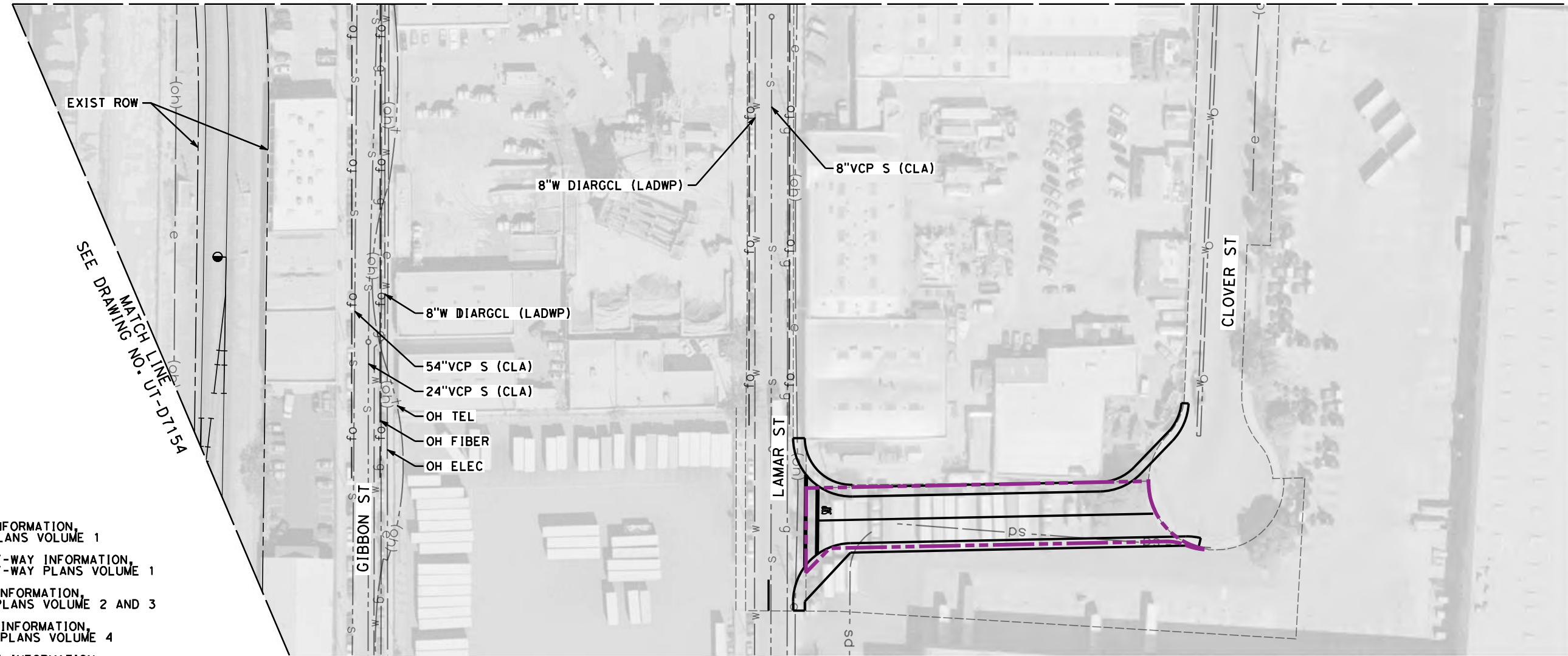
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PLAN
MAIN ST OVERPASS SHEET 2 OF 4

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7152
SCALE
AS SHOWN
SHEET NO.

4/30/2019 12:59:47 PM c:\j\p\pwworkdir\haynesma\d0135596\k2l-ut-d7152.dgn haynesma

MATCH LINE
SEE DRAWING NO. UT-D7152

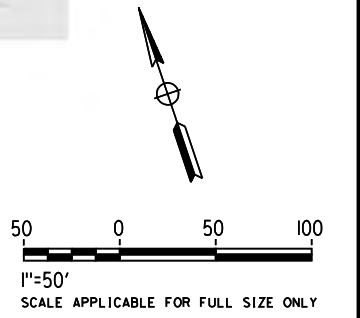


NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5
7. SEE DRAWING UT-D7155 FOR PROFILES

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE



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REFERENCE DRAWING CV-T1155

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

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

PEPD
PROPOSED UTILITIES RELOCATION PLAN
MAIN ST OVERPASS SHEET 3 OF 4

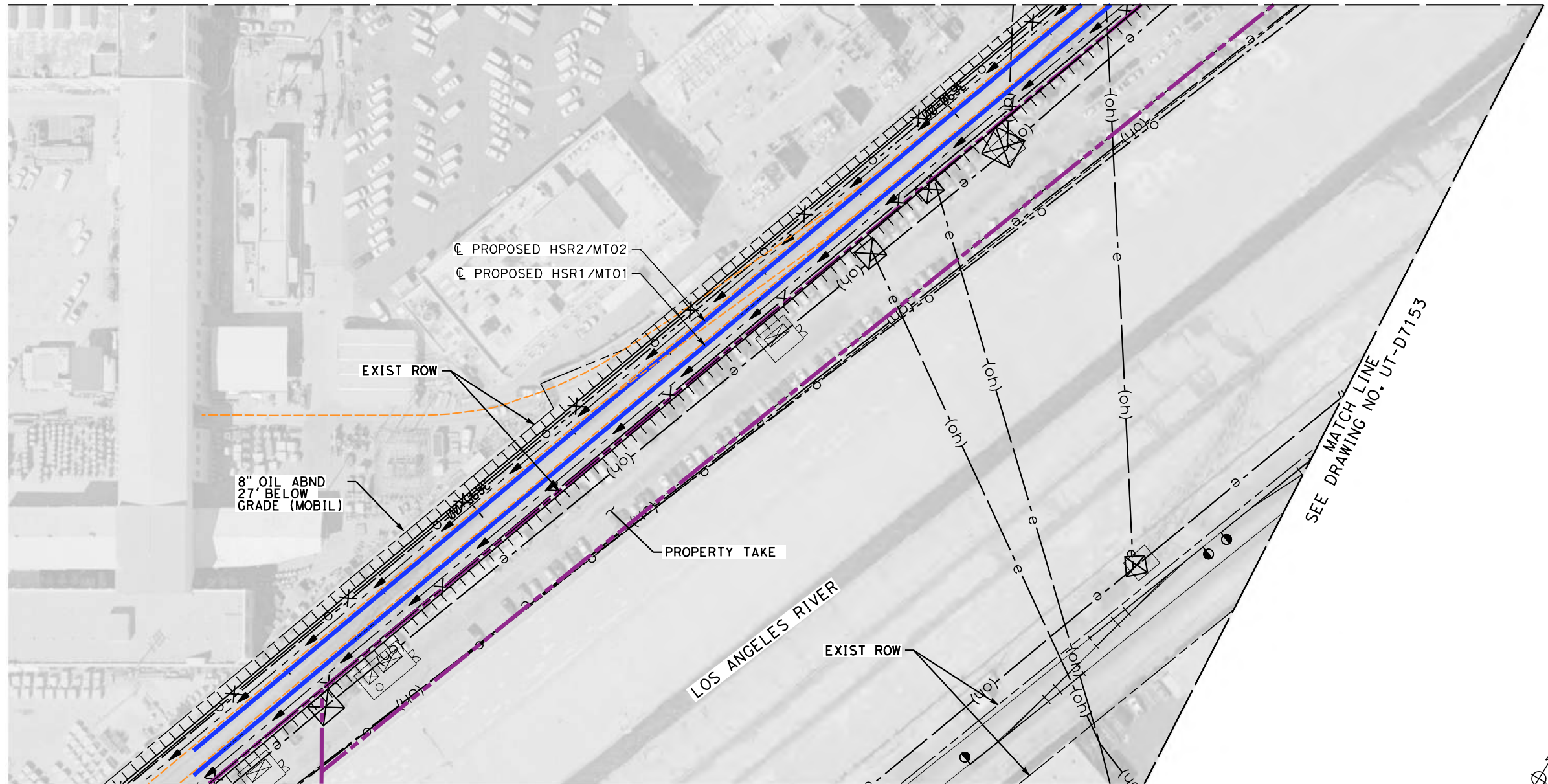
CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7153
SCALE
AS SHOWN
SHEET NO.

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NOTES:

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5

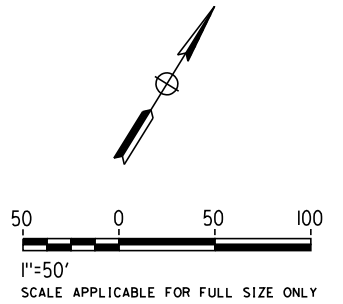
MATCH LINE
SEE DRAWING NO. UT-D7151



MATCH LINE
SEE DRAWING NO. UT-D7153

LEGEND:

- TEMP CONST EASEMENT
- PROPOSED ROW
- RETAINING WALL
- EXISTING DRIVEWAYS
- IMPACTED AREAS
- PROPOSED STRUCTURE



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REFERENCE DRAWING CV-T1086

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

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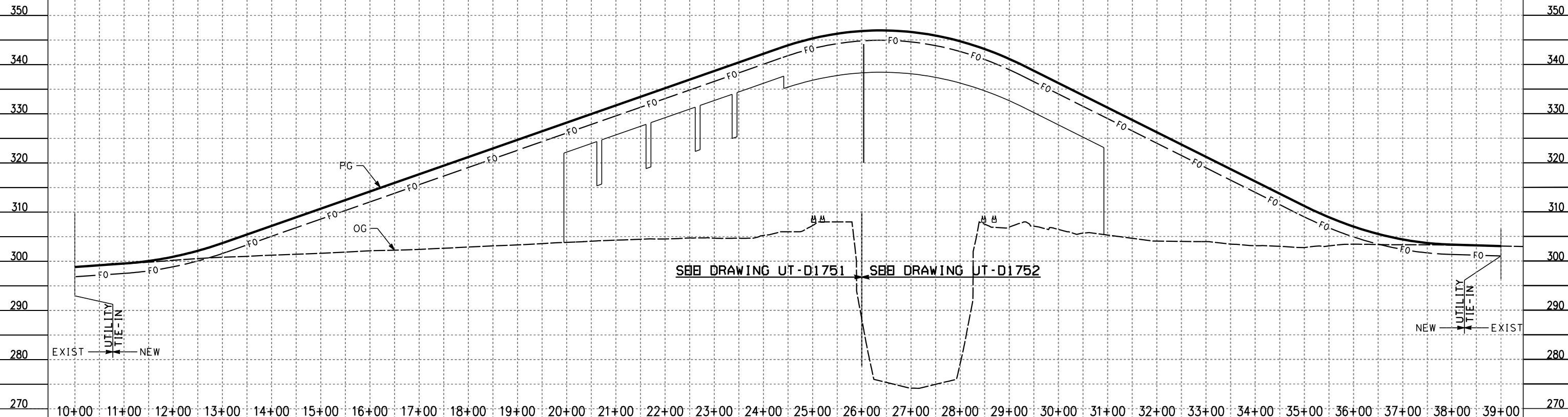
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PLAN
MAIN ST OVERPASS SHEET 4 OF 4

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7154
SCALE
AS SHOWN
SHEET NO.

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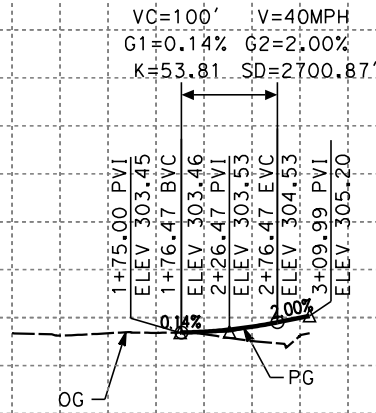


SEE DRAWING UT-D1751 SEE DRAWING UT-D1752

PROFILE

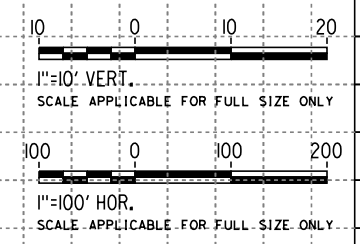
MAIN STREET OVERPASS
POSTED SPEED 35 MPH

1. FOR TRACK INFORMATION, SEE TRACK PLANS VOLUME 1
2. FOR RIGHT-OF-WAY INFORMATION, SEE RIGHT-OF-WAY PLANS VOLUME 1
3. FOR BRIDGE INFORMATION, SEE BRIDGE PLANS VOLUME 2 AND 3
4. FOR UTILITY INFORMATION, SEE UTILITY PLANS VOLUME 4
5. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLANS VOLUME 4
6. FOR SYSTEM INFORMATION, SEE SYSTEM PLANS VOLUME 5



PROFILE

S. AVENUE 17
POSTED SPEED: 25MPH



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STATION		0+00	1+00	2+00	3+00	4+00	TOTAL
CY	Exc						
	Emb						

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. HIGGINS
DRAWN BY
A. CORTEZ
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

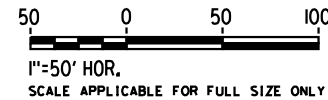
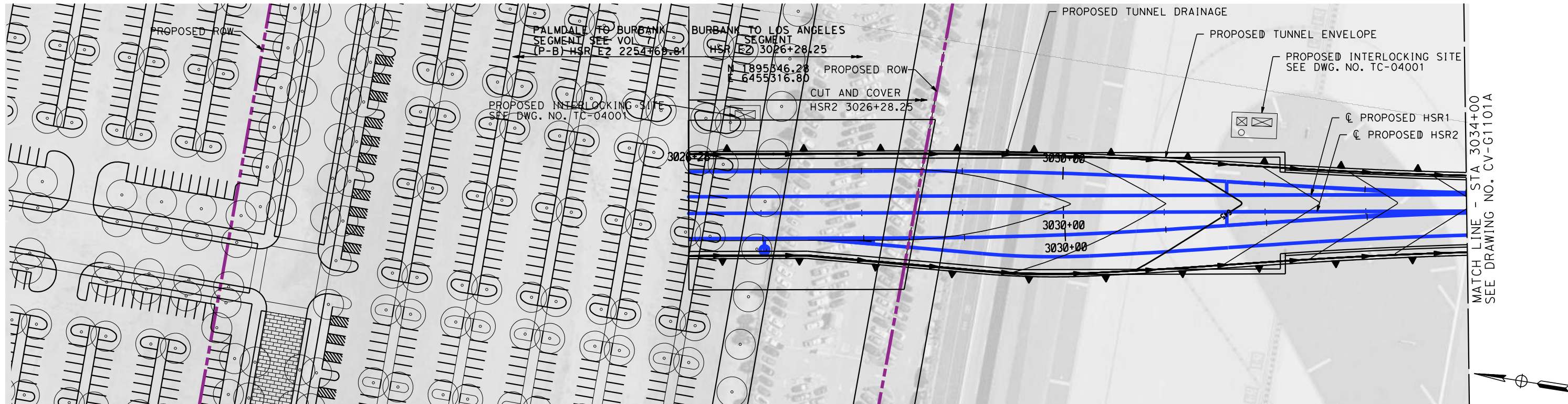
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
PROPOSED UTILITIES RELOCATION PLAN - MAIN ST
PROFILE

CONTRACT NO.
HSR14-39
DRAWING NO.
UT-D7155
SCALE
AS SHOWN
SHEET NO.



4/30/2019 11:03:17 AM c:\jip\pwworkdir\haynesma\d0137195\k2l-cv-g1101.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. WU
DRAWN BY
D. MONTAGUE
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

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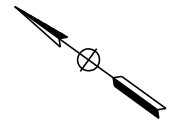
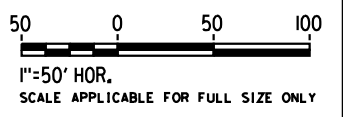
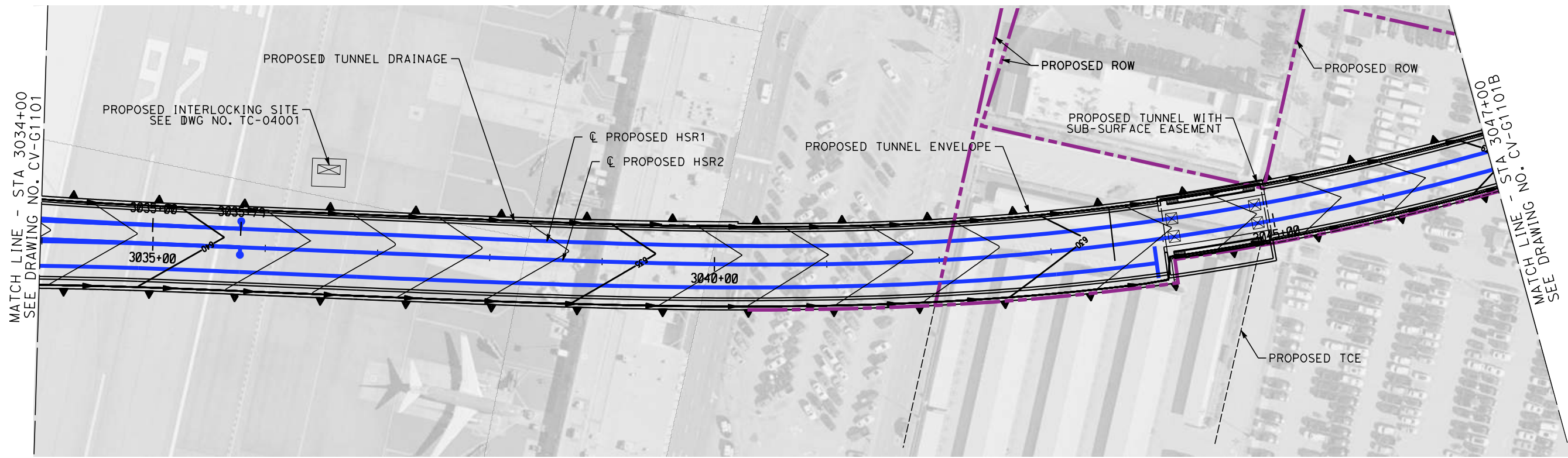


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
GRADING AND DRAINAGE
HSR2 3026+28.25 TO HSR2 3034+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1101
SCALE
AS SHOWN
SHEET NO.

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DESIGNED BY
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D. MONTAGUE
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

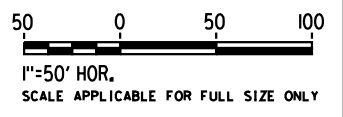
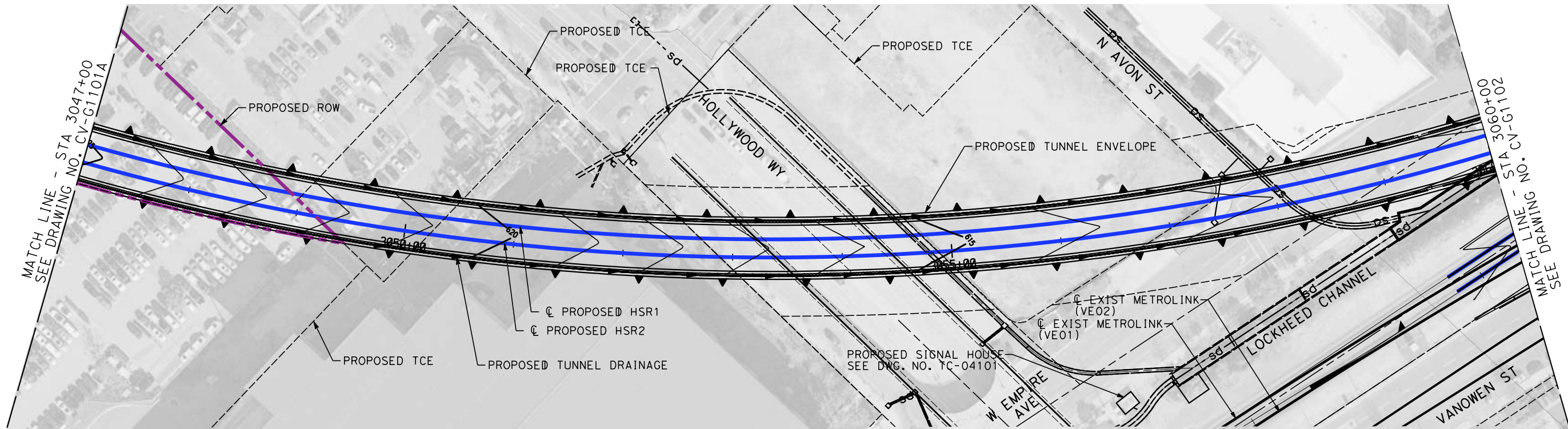
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CONSTRUCTION**



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

PEPD
GRADING AND DRAINAGE
HSR2 3034+00 TO HSR2 3047+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1101A
SCALE
AS SHOWN
SHEET NO.



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. WU

DRAWN BY
D. MONTAGUE

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L. VALDIVIA

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

PEPD RECORD SET

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
GRADING AND DRAINAGE
HSR2 3047+00 TO HSR2 3060+00

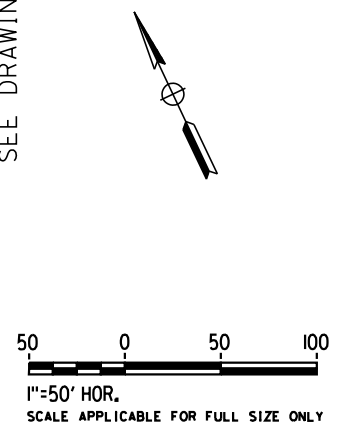
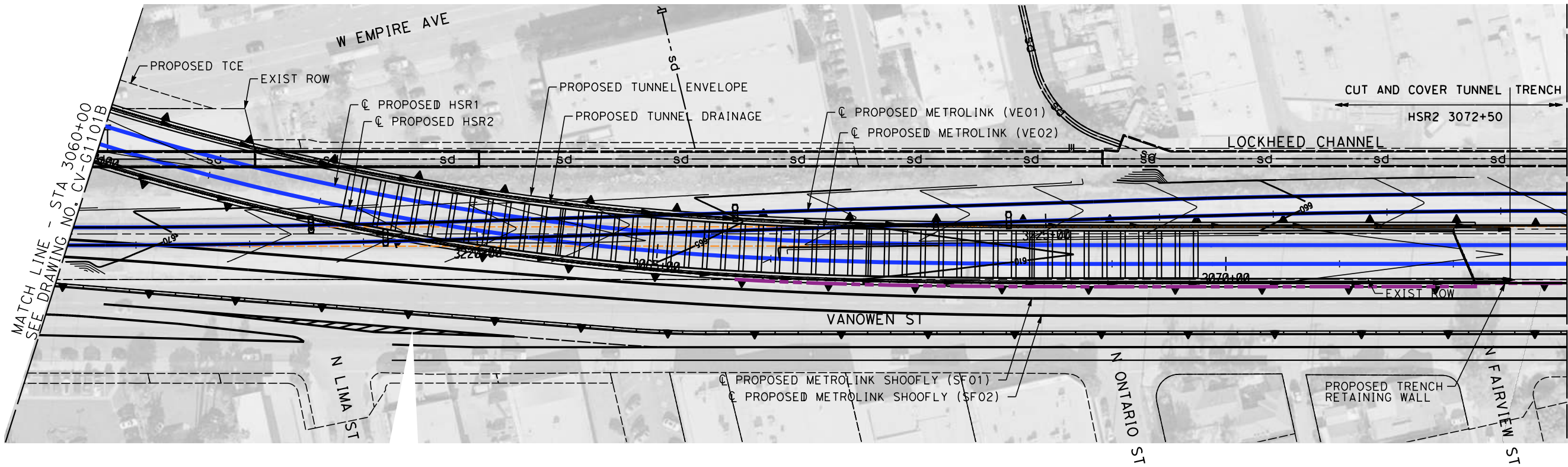
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-G1101B

SCALE
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SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. WU

DRAWN BY
D. MONTAGUE

CHECKED BY
L. VALDIVIA

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

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

PEPD
GRADING AND DRAINAGE
HSR2 3060+00 TO HSR2 3073+00

CONTRACT NO.
HSR14-39

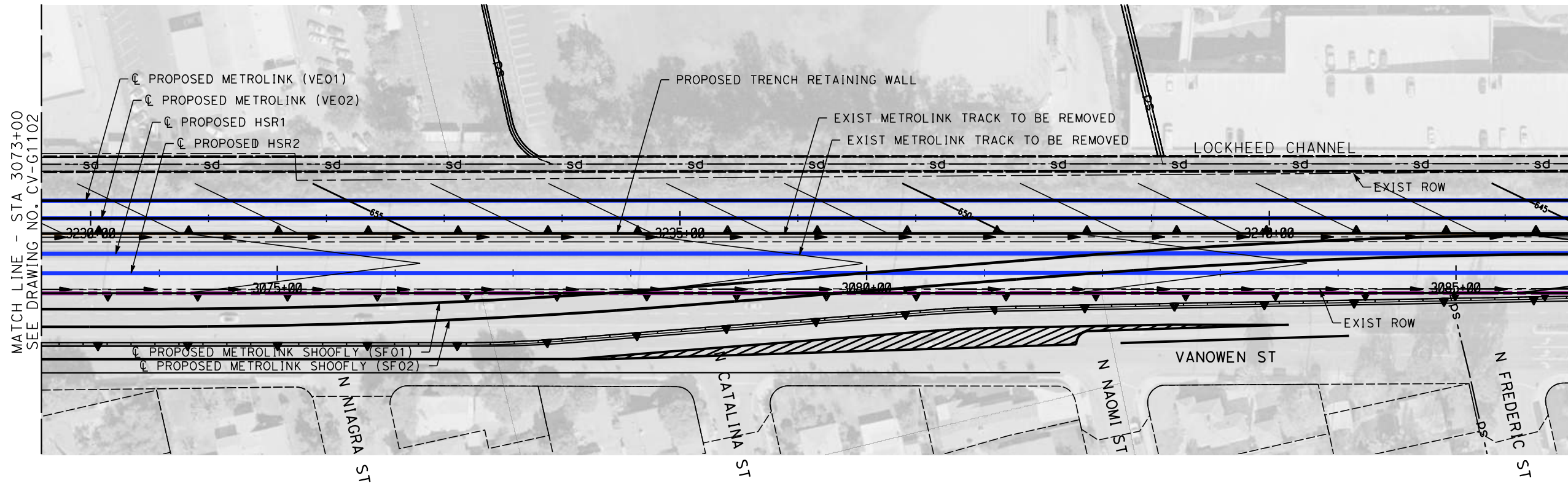
DRAWING NO.
CV-G1102

SCALE
AS SHOWN

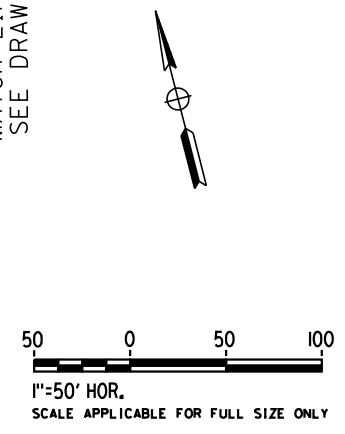
SHEET NO.

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MATCH LINE - STA 3086+00
SEE DRAWING NO. CV-G1104



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. WU
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D. MONTAGUE
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K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

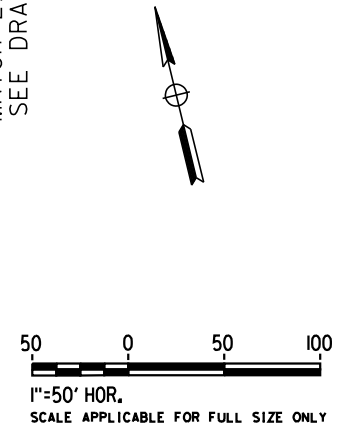
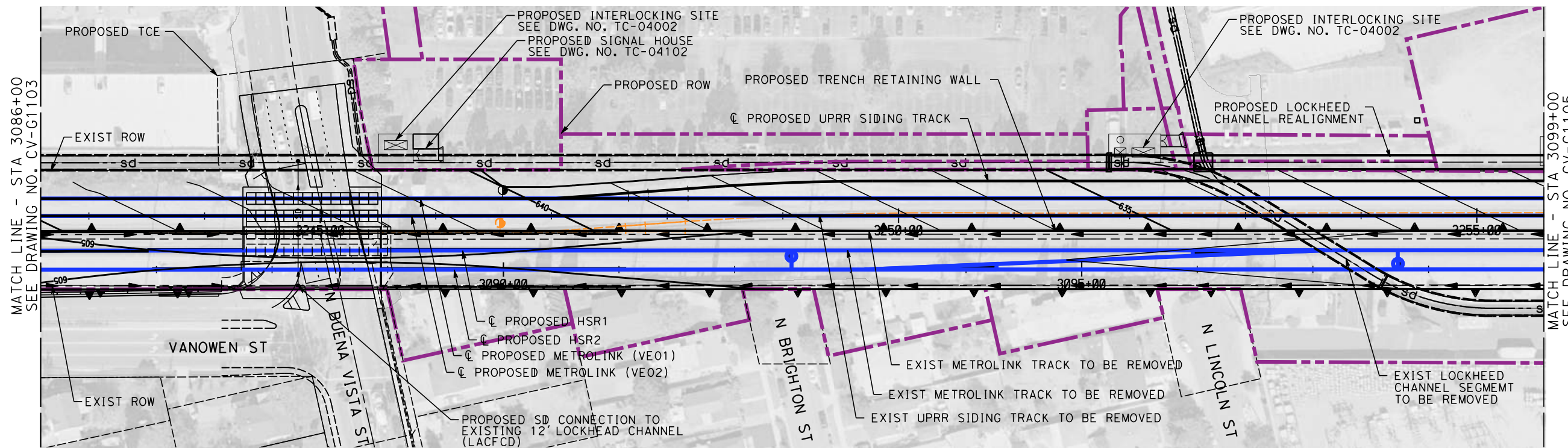
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CONSTRUCTION**



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

PEPD
GRADING AND DRAINAGE
HSR2 3073+00 TO HSR2 3086+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1103
SCALE
AS SHOWN
SHEET NO.



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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D. MONTAGUE
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

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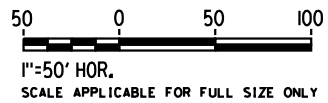
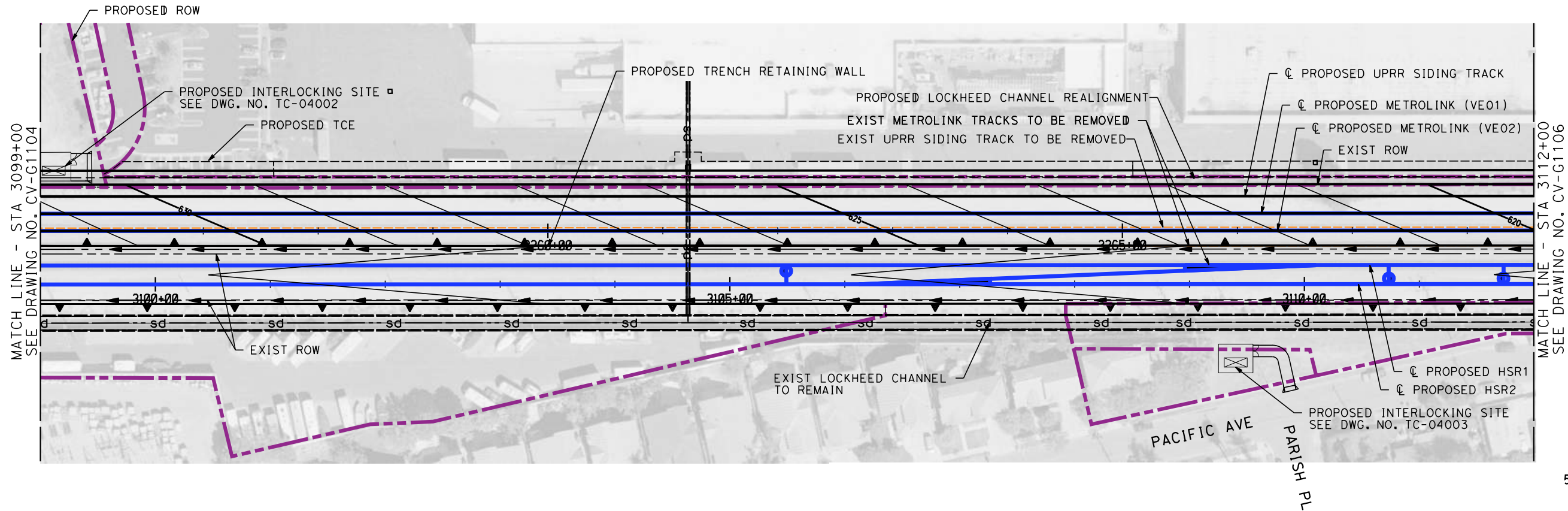


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
GRADING AND DRAINAGE
HSR2 3086+00 TO HSR2 3099+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1104
SCALE
AS SHOWN
SHEET NO.

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CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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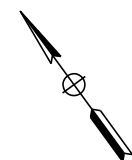
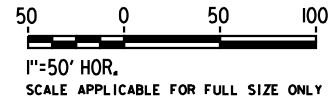
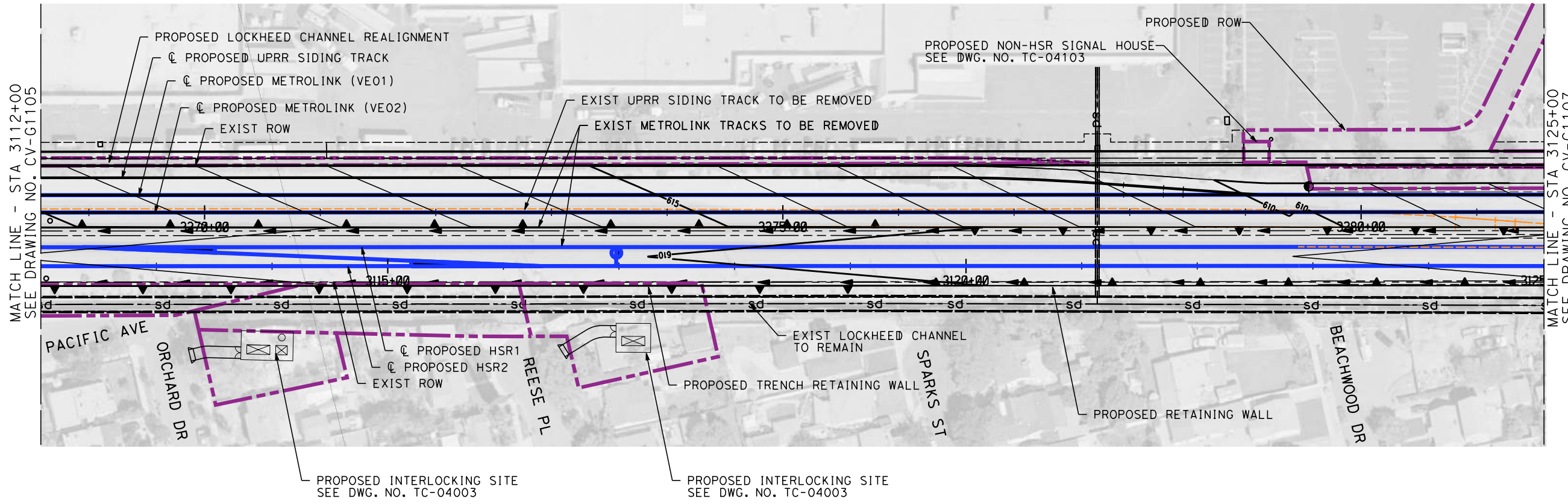


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3099+00 TO HSR2 3112+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1105
SCALE
AS SHOWN
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. WU
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D. MONTAGUE
 CHECKED BY
L. VALDIVIA
 IN CHARGE
K. PIRBAZARI
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04/30/2019

**PEPD
 RECORD SET**

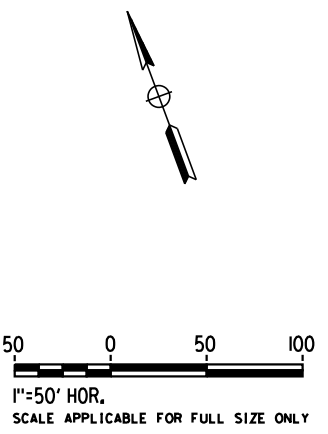
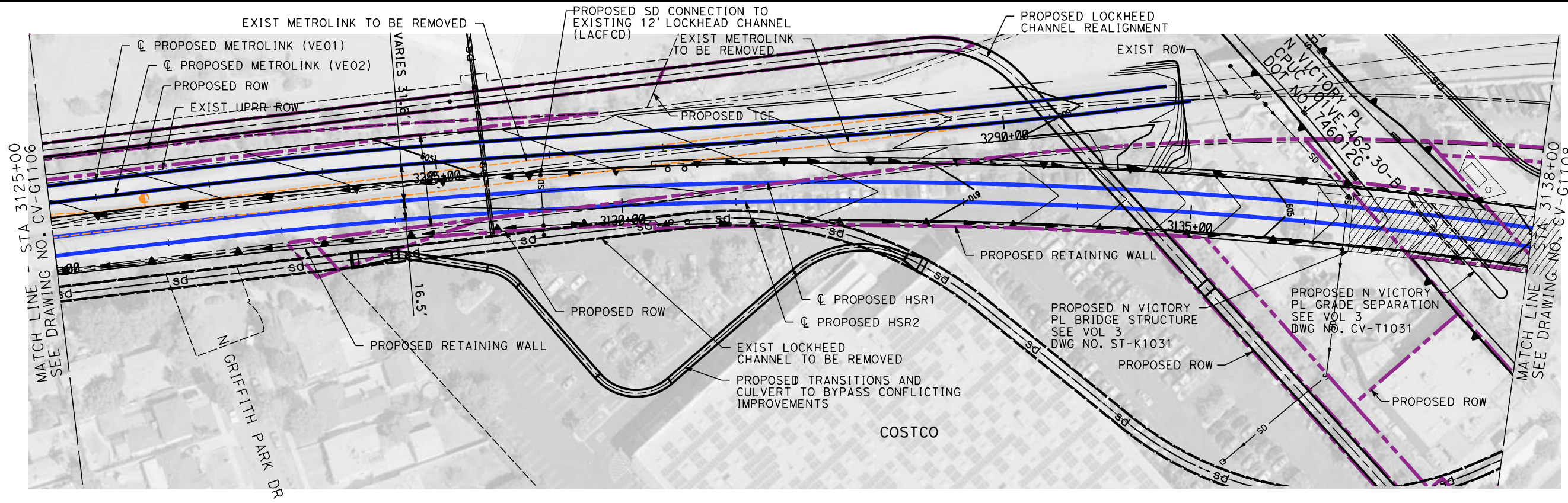
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 CONSTRUCTION**



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

 PEPD
 GRADING AND DRAINAGE
 HSR2 3112+00 TO HSR2 3125+00

CONTRACT NO.
HSR14-39
 DRAWING NO.
CV-G1106
 SCALE
AS SHOWN
 SHEET NO.



4/30/2019 11:07:45 AM c:\jip\pwworkdir\haynesma\d0137195\k2L-CV-G1107.dgn

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. WU

DRAWN BY
D. MONTAGUE

CHECKED BY
L. VALDIVIA

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

**PEPD
RECORD SET**

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

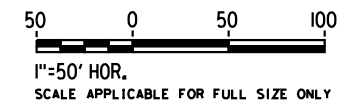
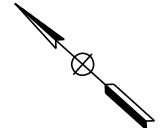
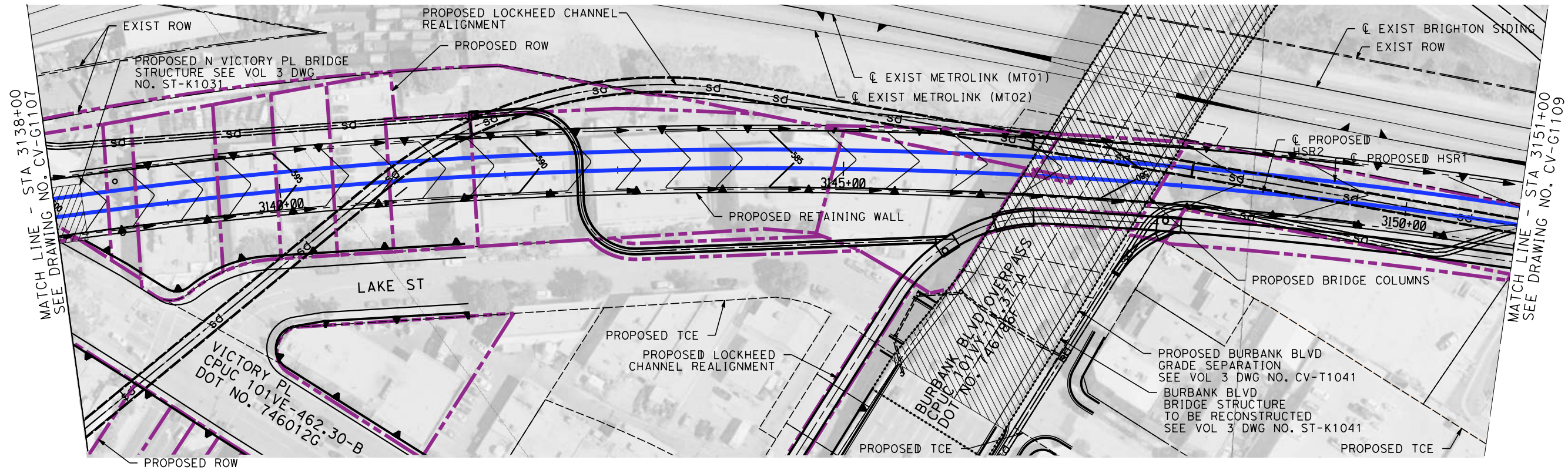
PEPD
GRADING AND DRAINAGE
HSR2 3125+00 TO HSR2 3138+00

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-G1107

SCALE
AS SHOWN

SHEET NO.



4/30/2019 11:08:15 AM c:\jip\pwworkdir\haynesma\d0137195\k2l-cv-g1108.dgn

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A. WU
DRAWN BY
D. MONTAGUE
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
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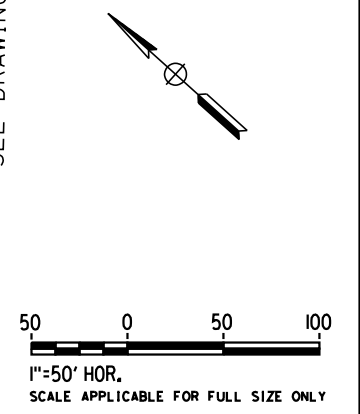
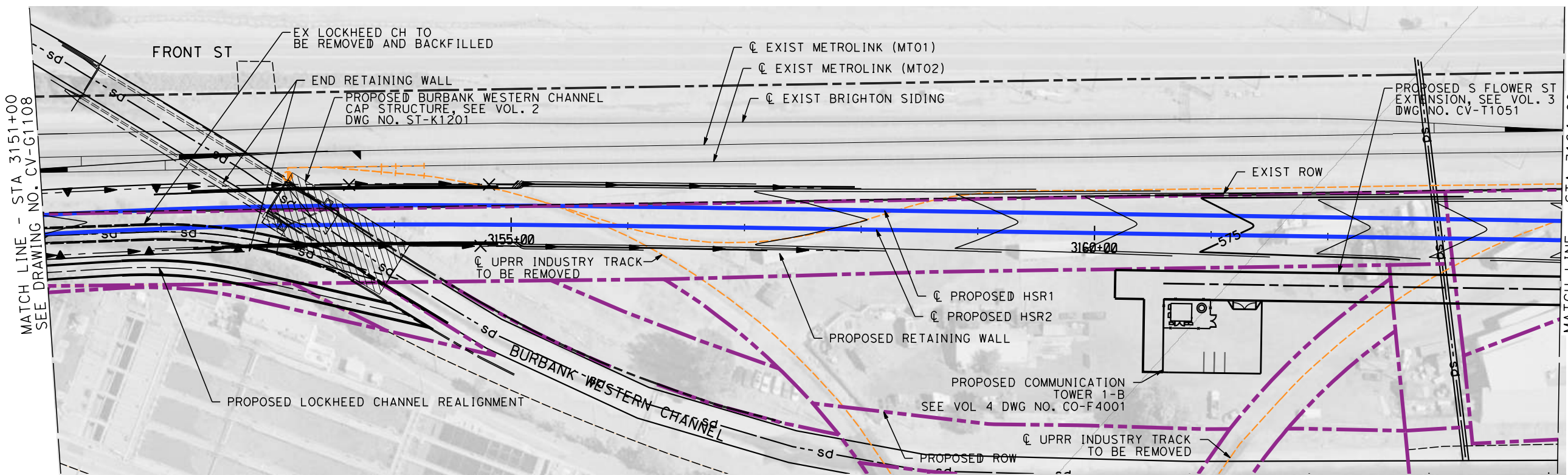
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3138+00 TO HSR2 3151+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1108
SCALE
AS SHOWN
SHEET NO.



4/30/2019 11:08:46 AM c:\j\p\pwworkdir\haynesma\d0137195\k2L-CV-G1109.dgn

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DESIGNED BY
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CHECKED BY
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K. PIRBAZARI

DATE
04/30/2019

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

PEPD
GRADING AND DRAINAGE
HSR2 3151+00 TO HSR2 3164+00

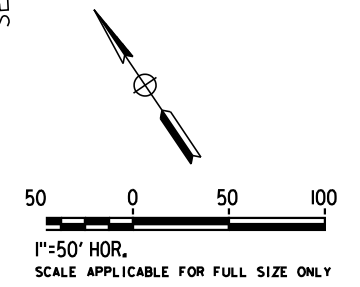
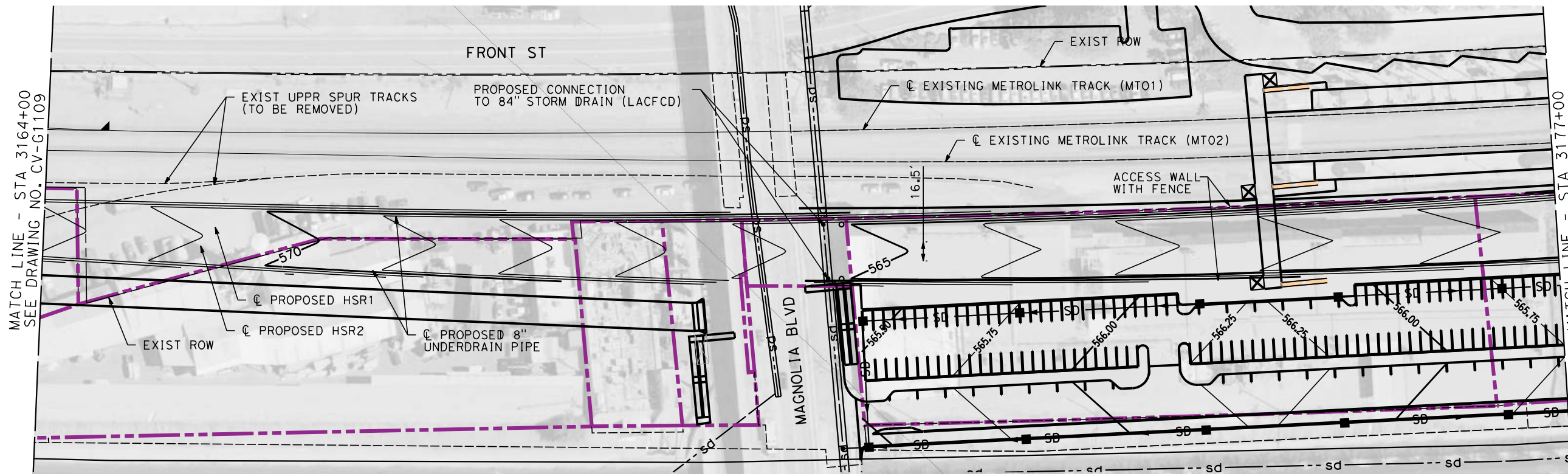
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-G1109

SCALE
AS SHOWN

SHEET NO.

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DESIGNED BY
A. ZAHER
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C. CUSSON
CHECKED BY
L. VALDIVIA
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DATE
04/30/2019

**PEPD
RECORD SET**

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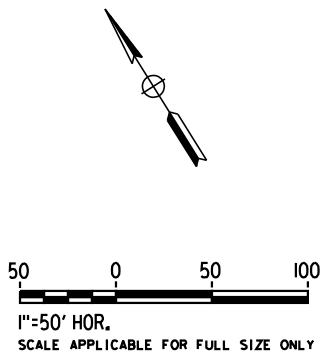
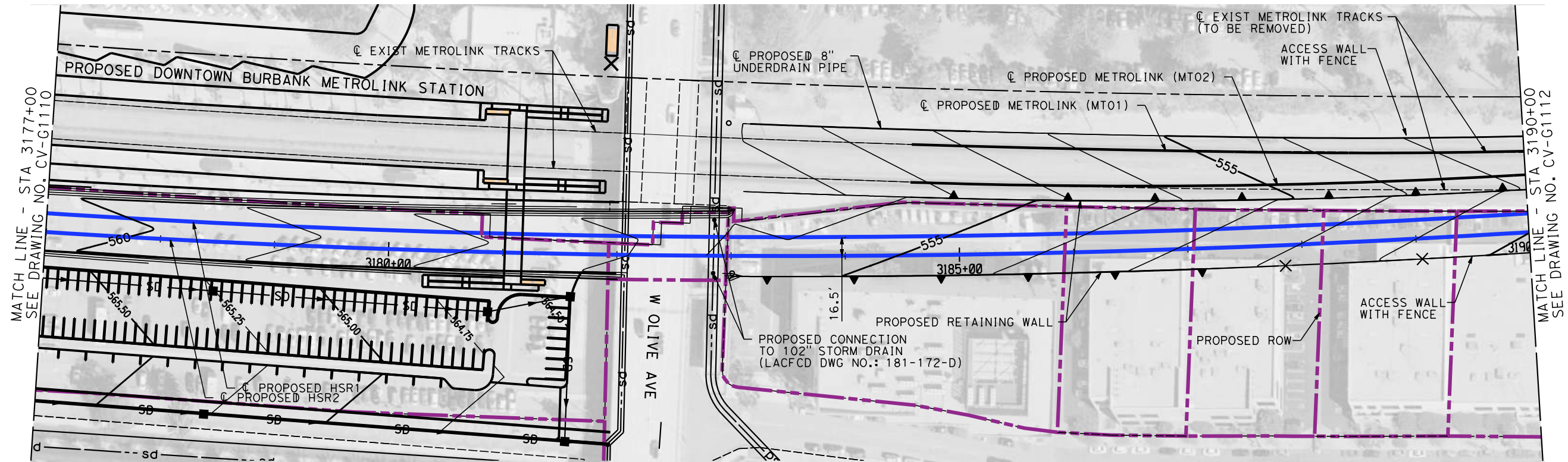


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3164+00 TO HSR2 3177+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1110
SCALE
AS SHOWN
SHEET NO.

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4/30/2019 11:09:56 AM c:\j\p\pwworkdir\haynesma\d0137195\k2L-CV-G1111.dgn

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DESIGNED BY
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C. CUSSON
CHECKED BY
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DATE
04/30/2019

**PEPD
RECORD SET**

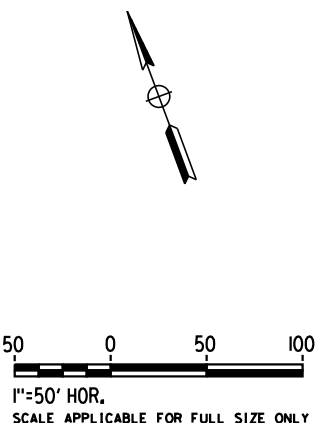
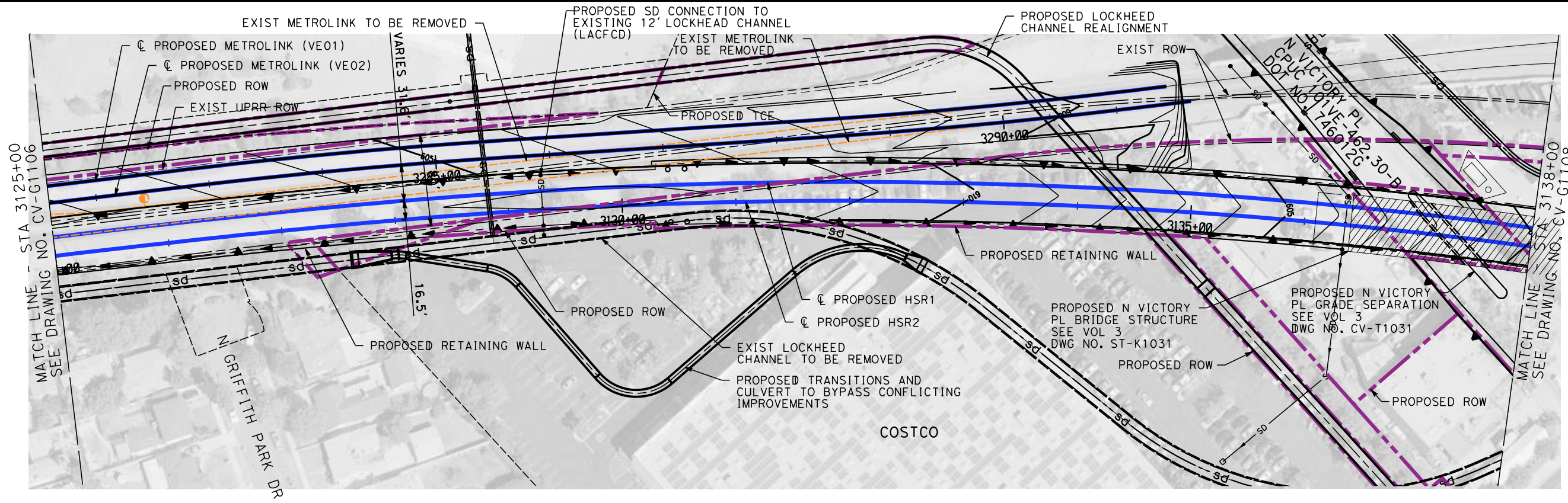
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3177+00 TO HSR2 3190+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1111
SCALE
AS SHOWN
SHEET NO.



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DESIGNED BY
A. WU
 DRAWN BY
D. MONTAGUE
 CHECKED BY
L. VALDIVIA
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

**PEPD
 RECORD SET**

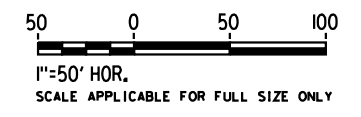
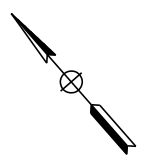
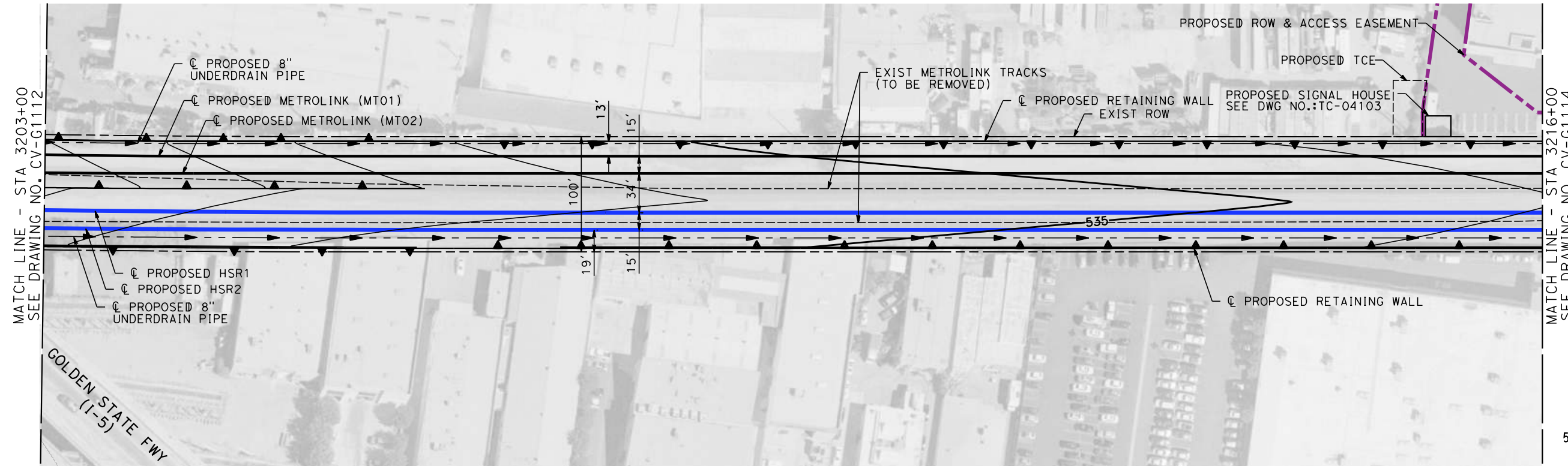
**NOT FOR
 CONSTRUCTION**



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

 PEPD
 GRADING AND DRAINAGE
 HSR2 3125+00 TO HSR2 3138+00

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 CV-G1107
 SCALE
 AS SHOWN
 SHEET NO.



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. ZAHER
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C. CUSSON
CHECKED BY
L. VALDIVIA
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K. PIRBAZARI
DATE
04/30/2019

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RECORD SET**

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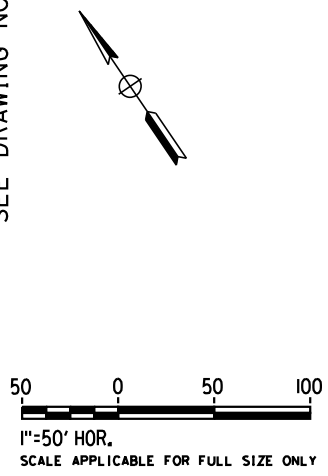
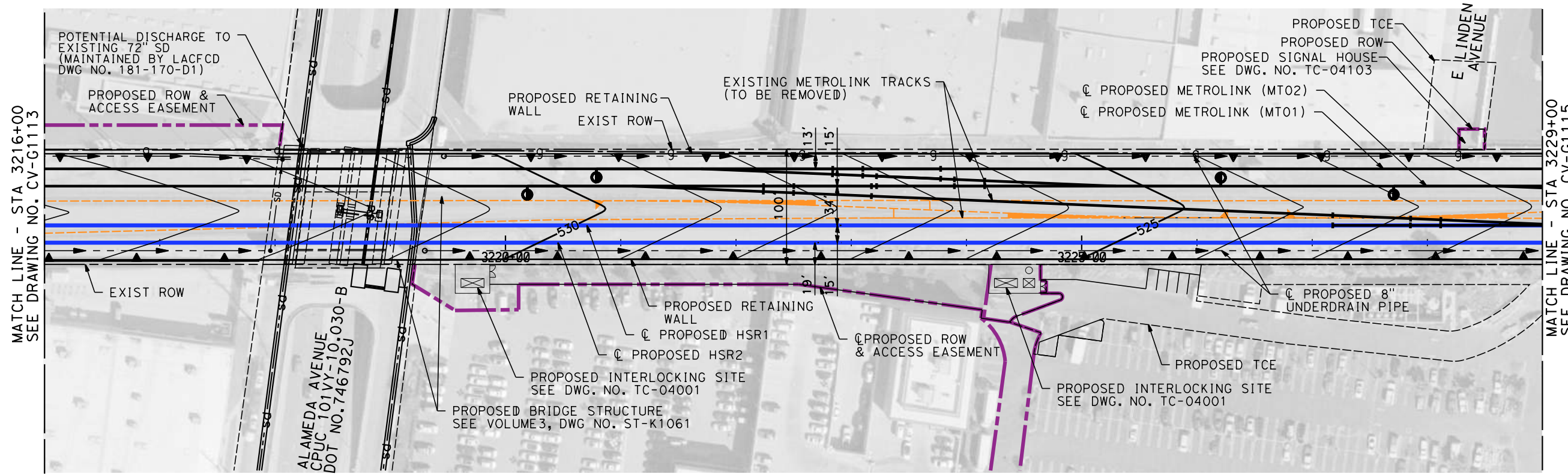


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3203+00 TO HSR2 3216+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1113
SCALE
AS SHOWN
SHEET NO.

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DESIGNED BY
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L. VALDIVIA
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DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
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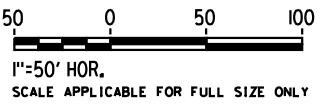
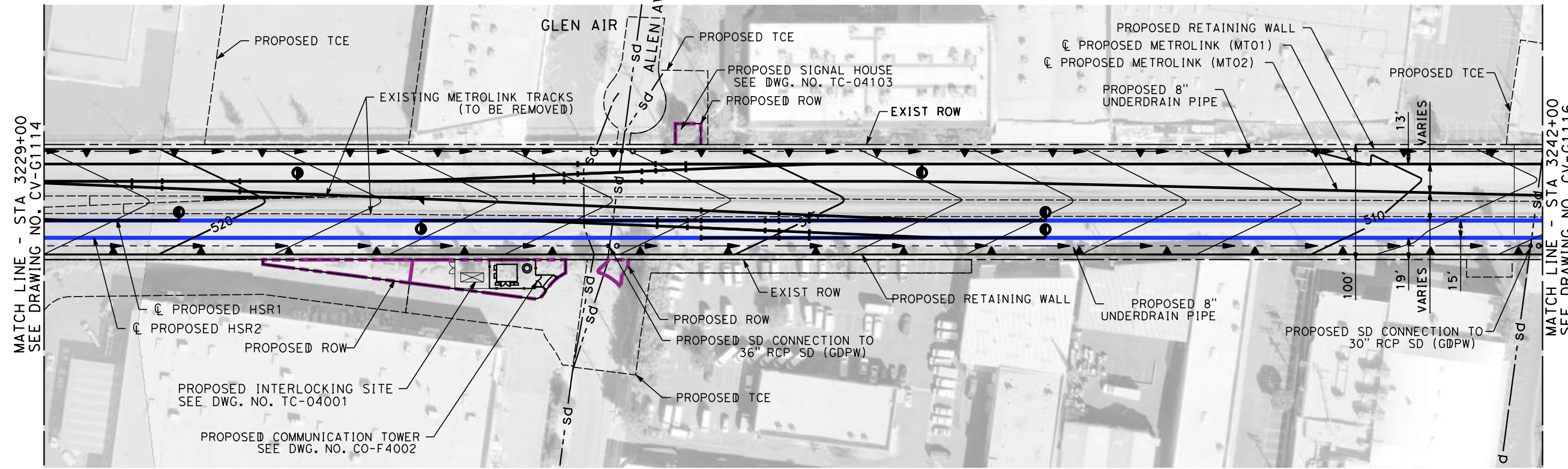


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
STA 3216+00 TO STA 3229+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1114
SCALE
AS SHOWN
SHEET NO.

4/30/2019 11:12:03 AM c:\j\p\pwworkdir\haynesma\d0137195\k2L-CV-G1115.dgn



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K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

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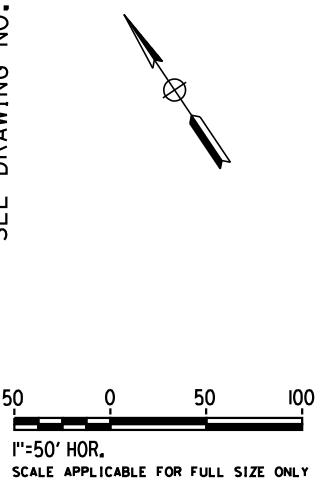
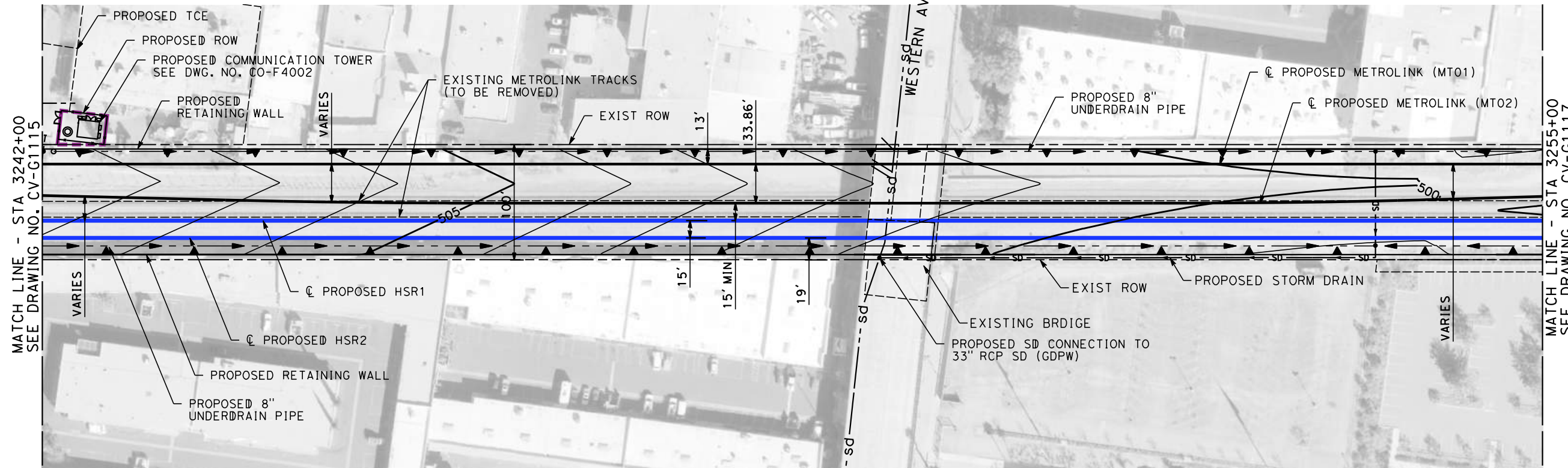
CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
GRADING AND DRAINAGE
HSR2 3229+00 TO HSR2 3242+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1115
SCALE
AS SHOWN
SHEET NO.

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C. CUSSON
CHECKED BY
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DATE
04/30/2019

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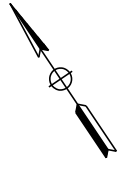
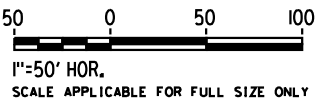
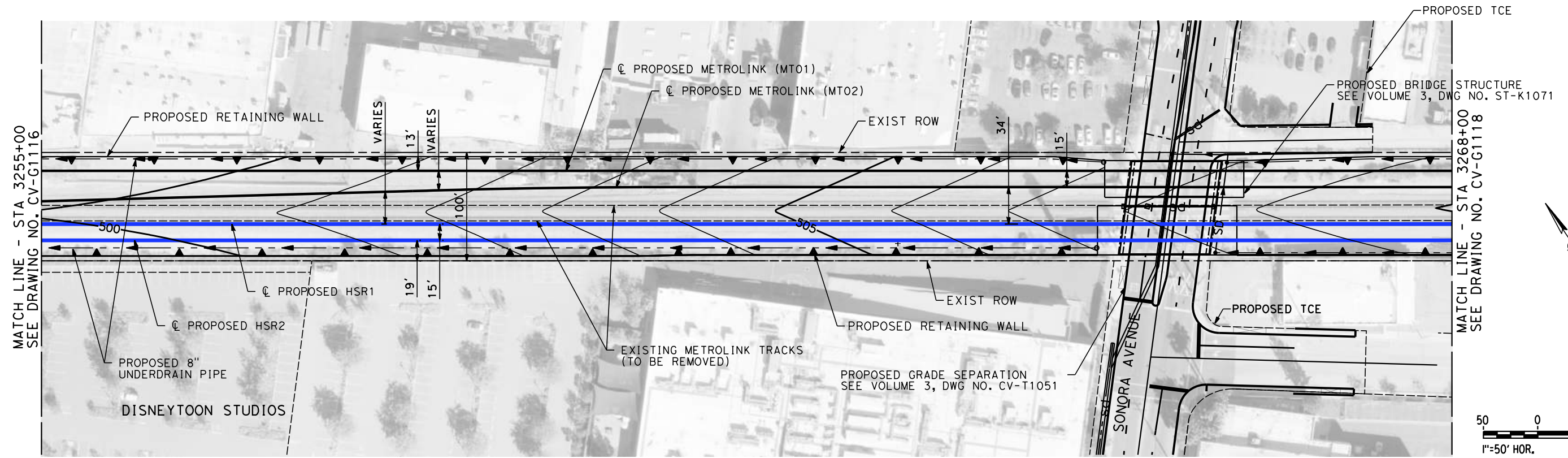
CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
GRADING AND DRAINAGE
HSR2 3242+00 TO HSR2 3255+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1116
SCALE
AS SHOWN
SHEET NO.

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A. ZAHER

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C. CUSSON

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L. VALDIVIA

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K. PIRBAZARI

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04/30/2019

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

PEPD
GRADING AND DRAINAGE
HSR2 3255+00 TO HSR2 3268+00

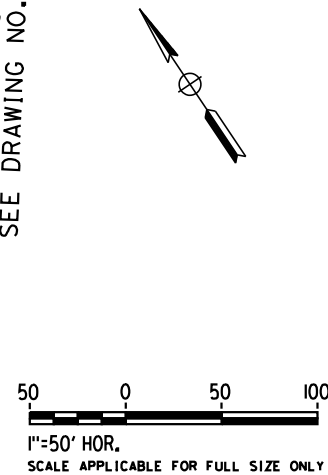
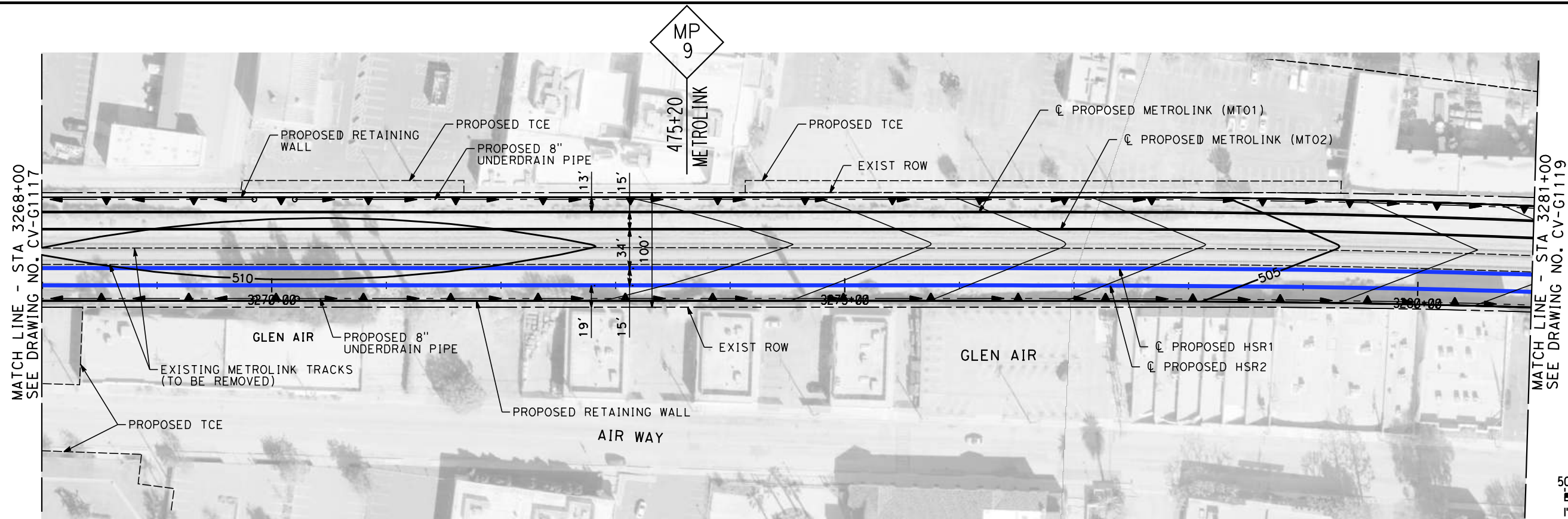
CONTRACT NO.
HSR14-39

DRAWING NO.
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SCALE
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SHEET NO.

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DESIGNED BY
A. ZAHER

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C. CUSSON

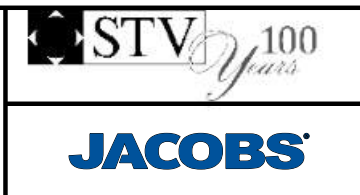
CHECKED BY
L. VALDIVIA

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K. PIRBAZARI

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04/30/2019

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

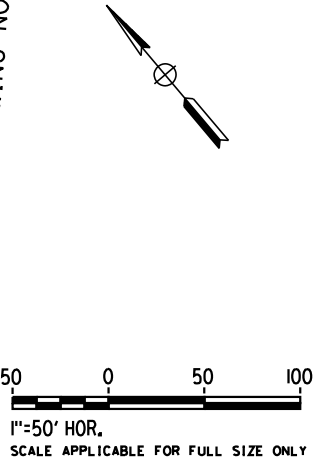
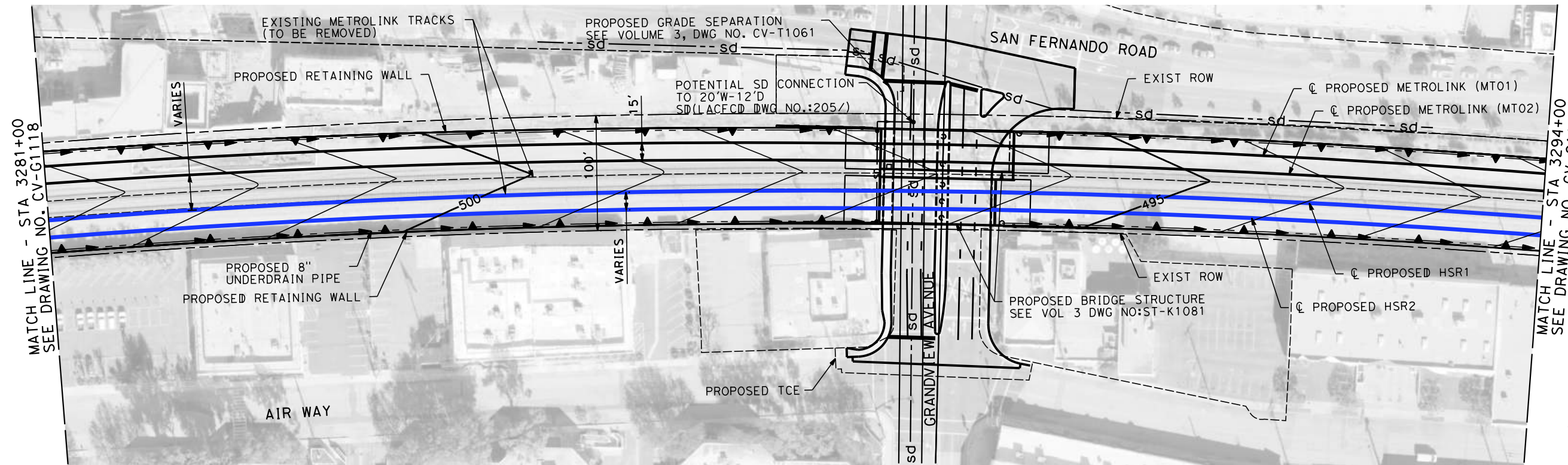
PEPD
GRADING AND DRAINAGE
HSR2 3268+00 TO HSR2 3281+00

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-G1118

SCALE
AS SHOWN

SHEET NO.



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C. CUSSON
CHECKED BY
L. VALDIVIA
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K. PIRBAZARI
DATE
04/30/2019

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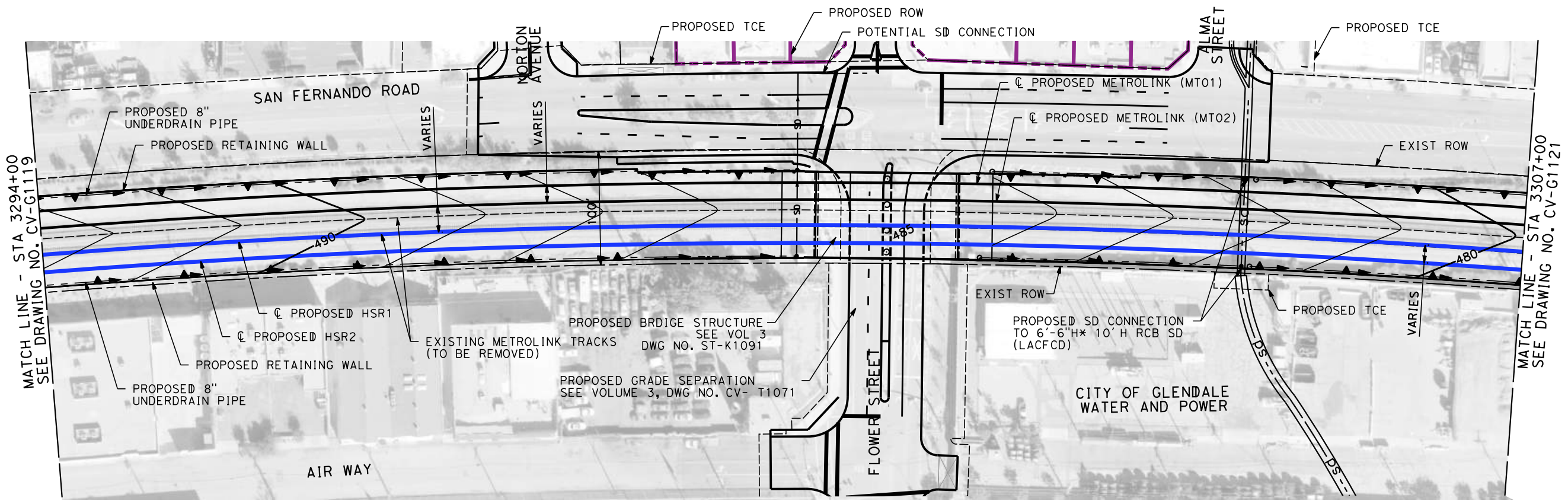
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

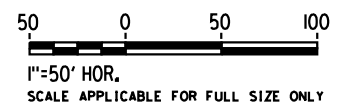
PEPD
GRADING AND DRAINAGE
STA 3281+00 TO STA 3294+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1119
SCALE
AS SHOWN
SHEET NO.



MATCH LINE - STA 3294+00
SEE DRAWING NO. CV-G1119

MATCH LINE - STA 3307+00
SEE DRAWING NO. CV-G1121



4/30/2019 11:14:43 AM c:\j\p\pwworkdir\haynesma\d0137195\k2l-cv-g1120.dgn

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C. CUSSON
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**

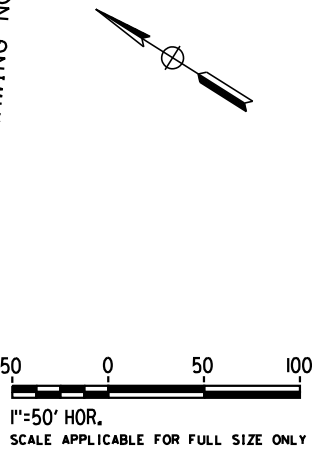
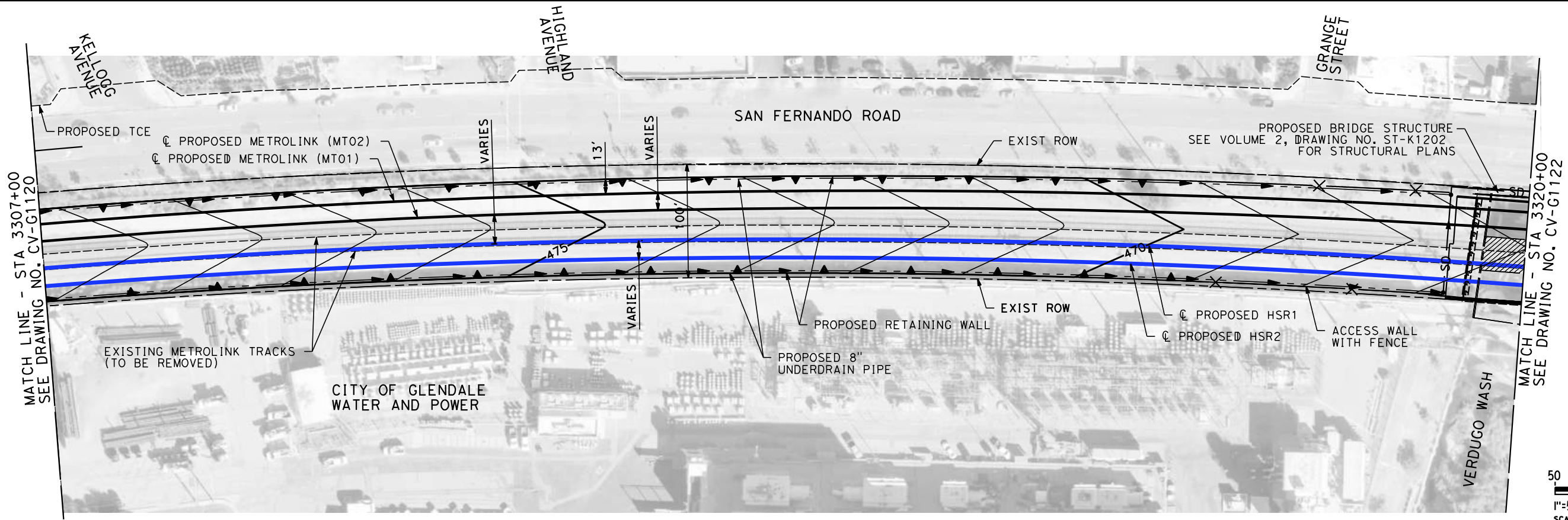


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3294+00 TO HSR2 3307+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1120
SCALE
AS SHOWN
SHEET NO.

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C. CUSSON
CHECKED BY
L. VALDIVIA
IN CHARGE
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DATE
04/30/2019

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RECORD SET**

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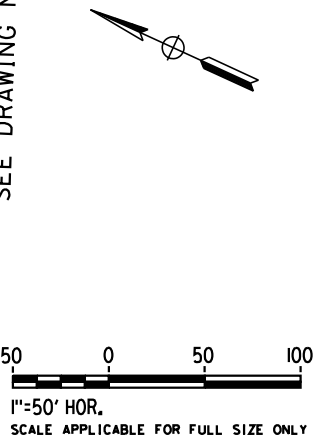
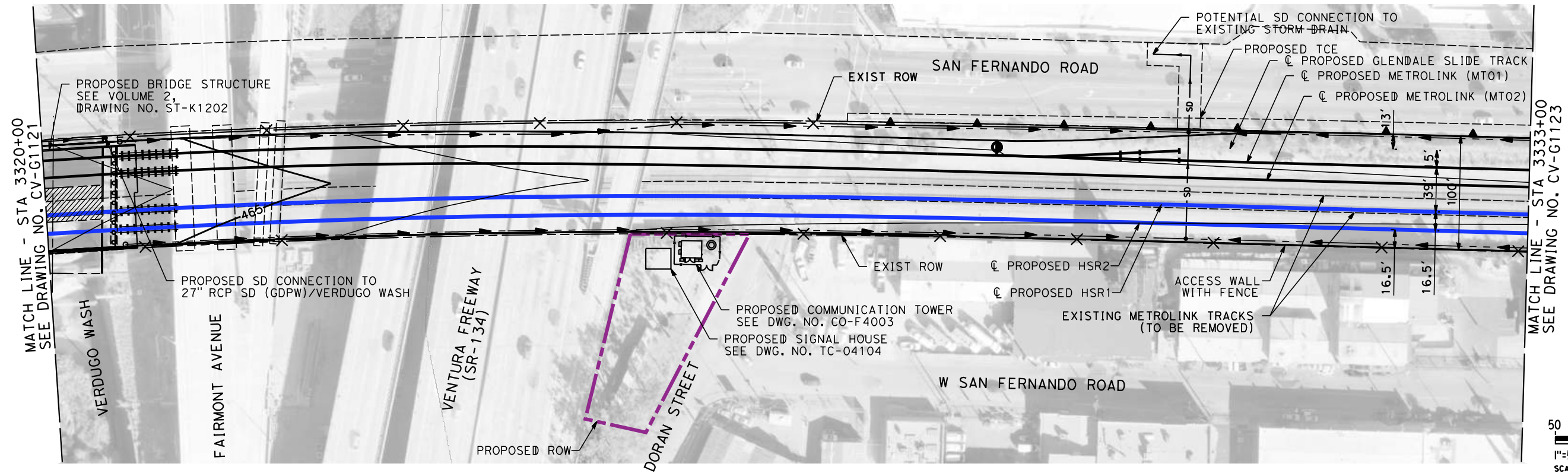


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3307+00 TO HSR2 3320+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1121
SCALE
AS SHOWN
SHEET NO.

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C. CUSSON

CHECKED BY
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K. PIRBAZARI

DATE
04/30/2019

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

PEPD
GRADING AND DRAINAGE
HSR2 3320+00 TO HSR2 3333+00

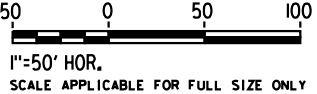
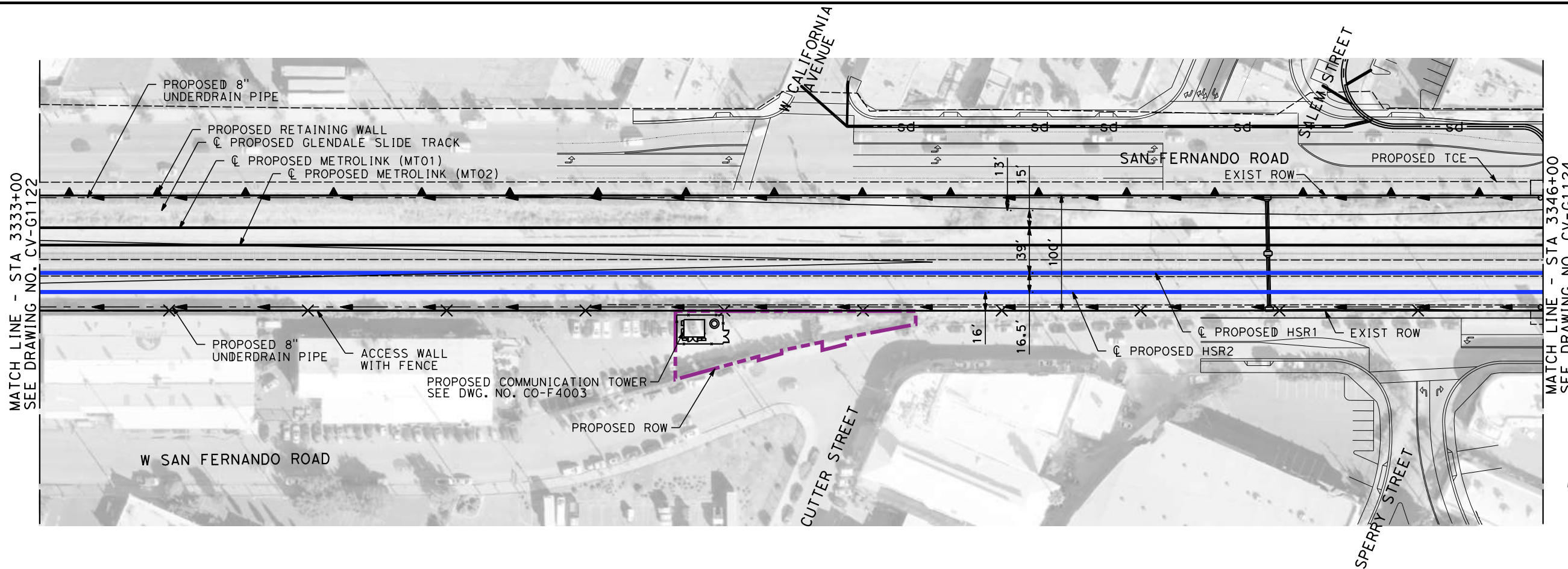
CONTRACT NO.
HSR14-39

DRAWING NO.
CV-G1122

SCALE
AS SHOWN

SHEET NO.

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A. ZAHER
CHECKED BY
K. PIRBAZARI
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**

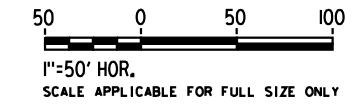
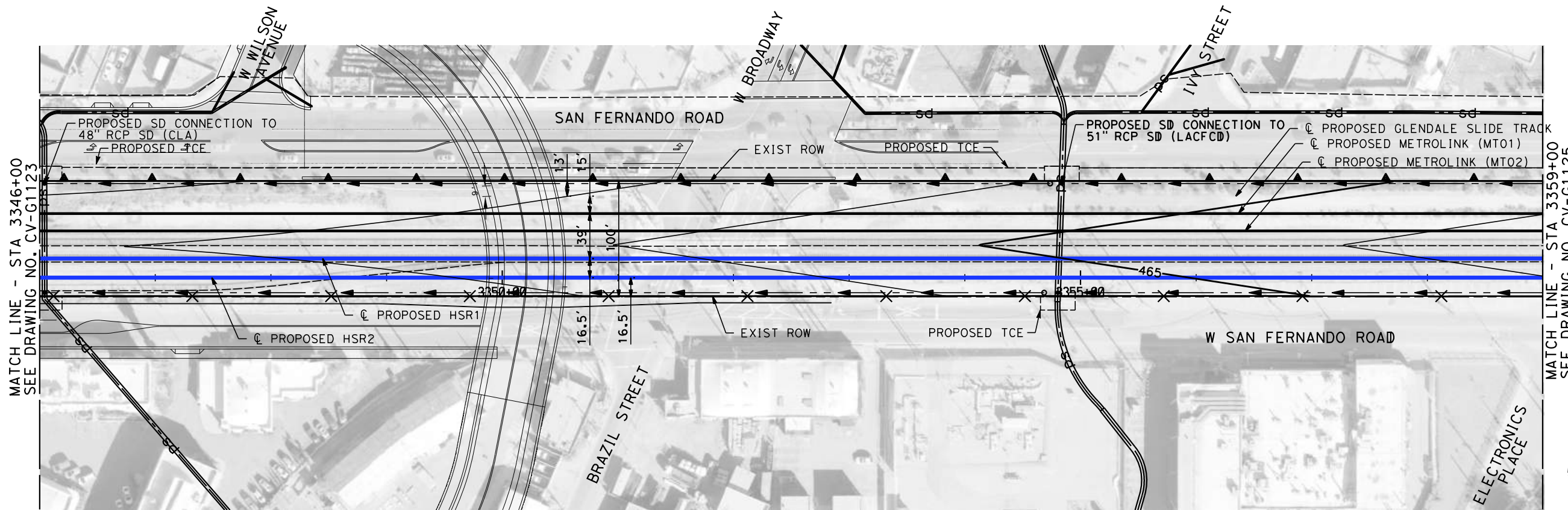


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3333+00 TO HSR2 3346+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1123
SCALE
AS SHOWN
SHEET NO.

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DESIGNED BY
A. ZAHER
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A. ZAHER
CHECKED BY
K. PIRBAZARI
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
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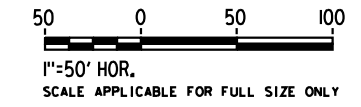
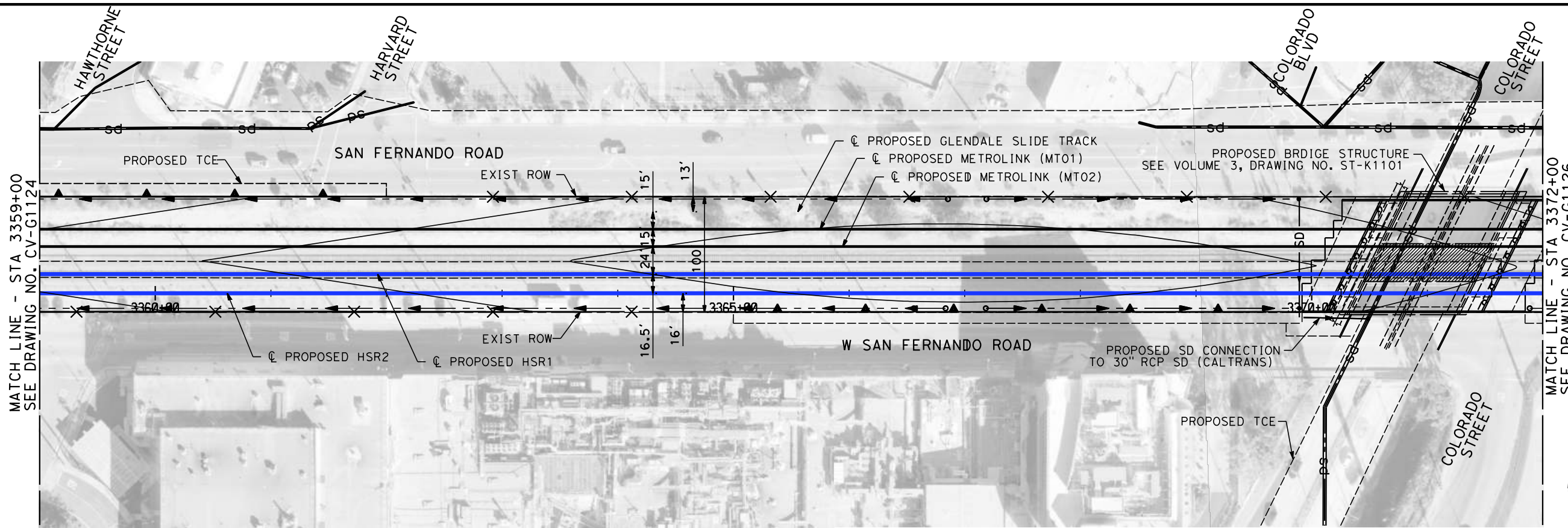


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3346+00 TO HSR2 3359+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1124
SCALE
AS SHOWN
SHEET NO.

4/30/2019 11:17:27 AM c:\jip\pwworkdir\haynesma\d0137195\k2l-cv-g1125.dgn



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A. ZAHER
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A. ZAHER
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K. PIRBAZARI
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K. PIRBAZARI
DATE
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**PEPD
RECORD SET**

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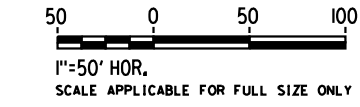
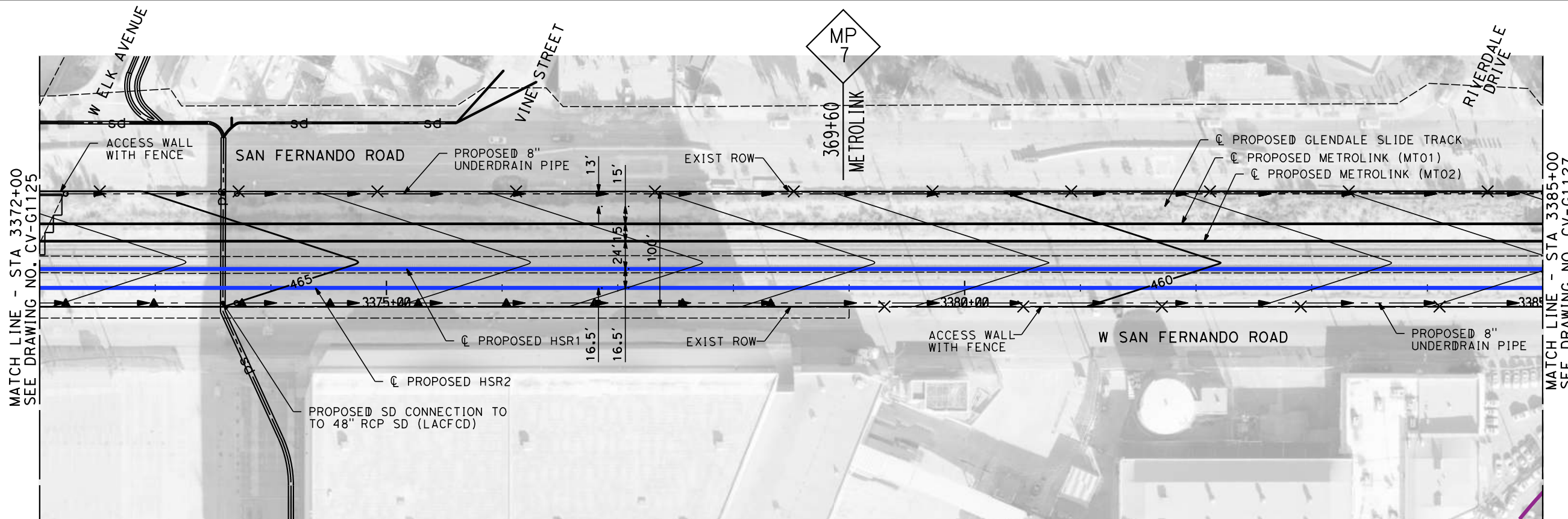


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3359+00 TO HSR2 3372+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1125
SCALE
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SHEET NO.

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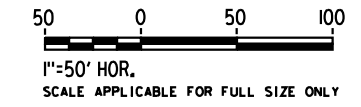
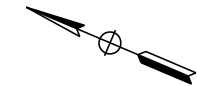
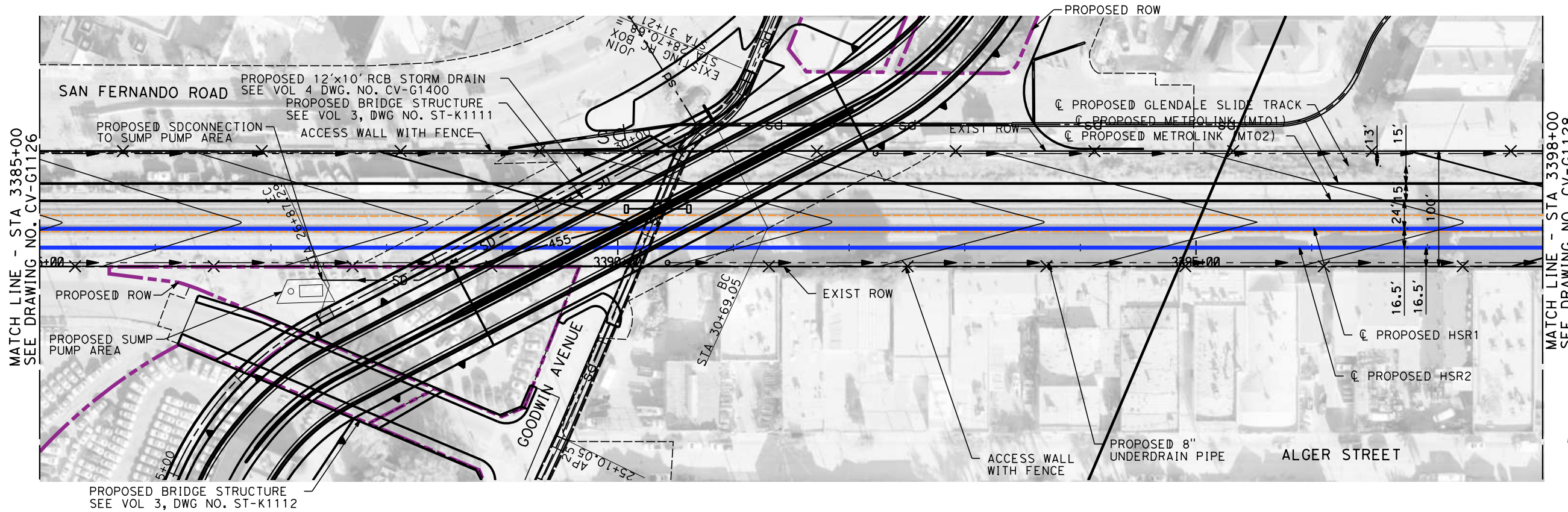


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3372+00 TO HSR2 3385+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1126
SCALE
AS SHOWN
SHEET NO.

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

PEPD
GRADING AND DRAINAGE
HSR2 3385+00 TO HSR2 3398+00

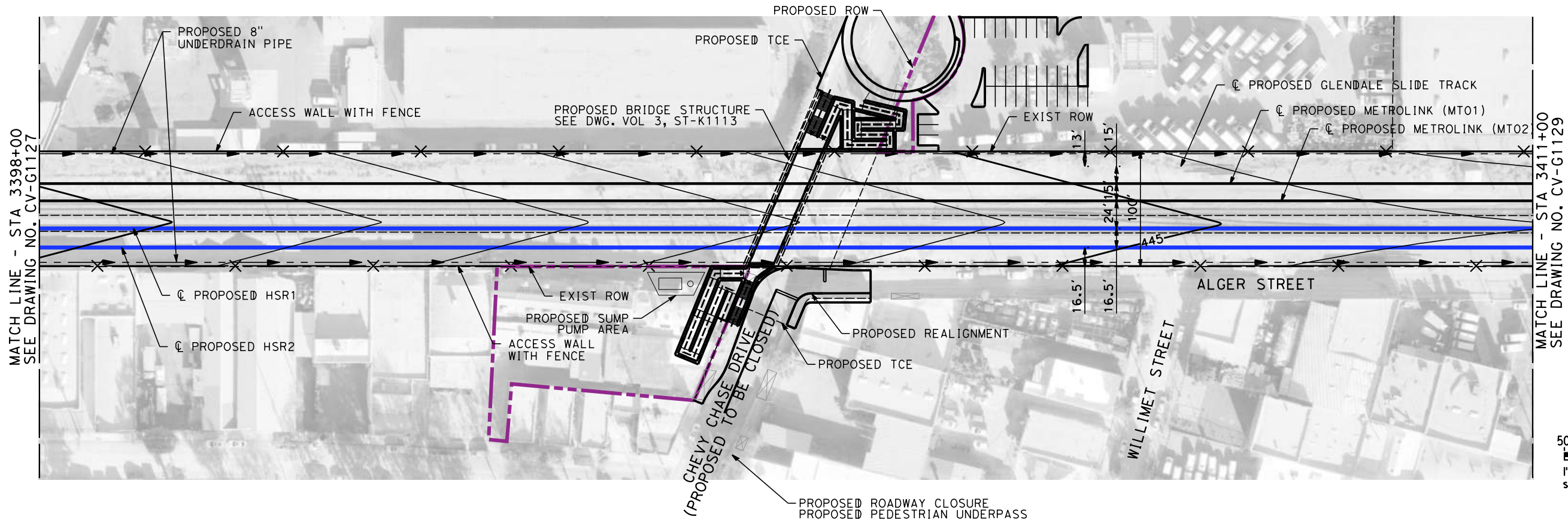
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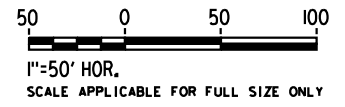
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MATCH LINE - STA 3398+00
SEE DRAWING NO. CV-G1127

MATCH LINE - STA 3411+00
SEE DRAWING NO. CV-G1129



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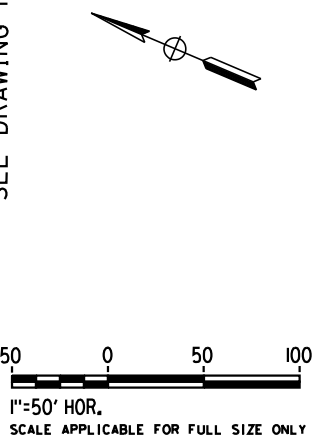
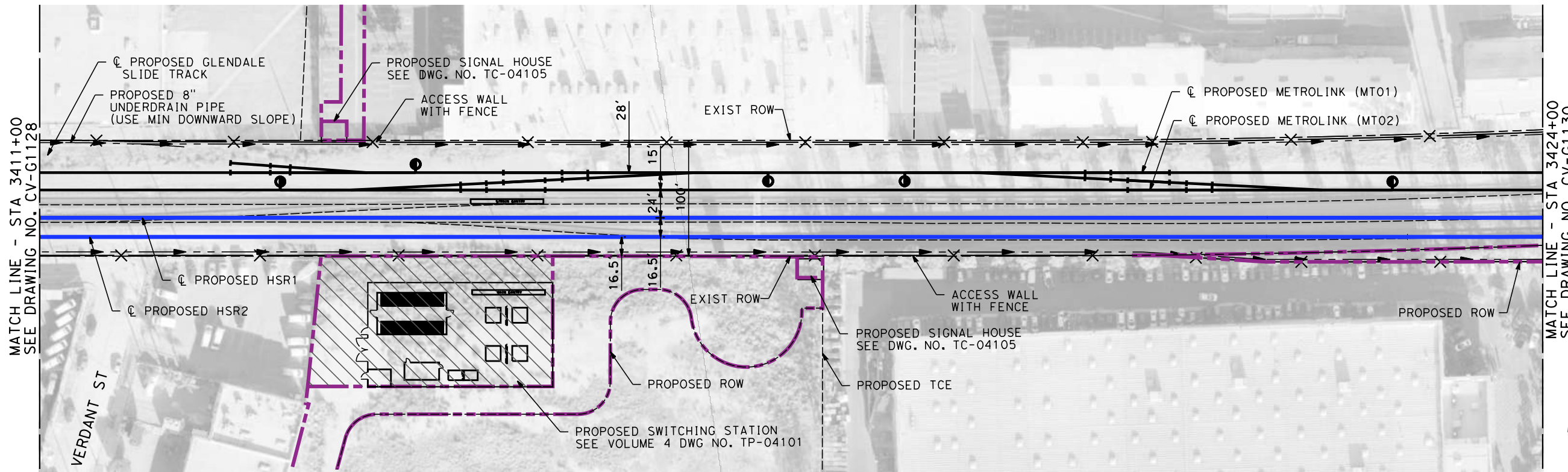


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3398+00 TO HSR2 3411+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1128
SCALE
AS SHOWN
SHEET NO.

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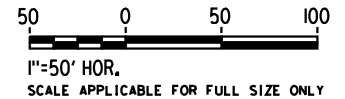
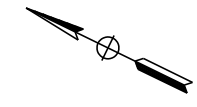
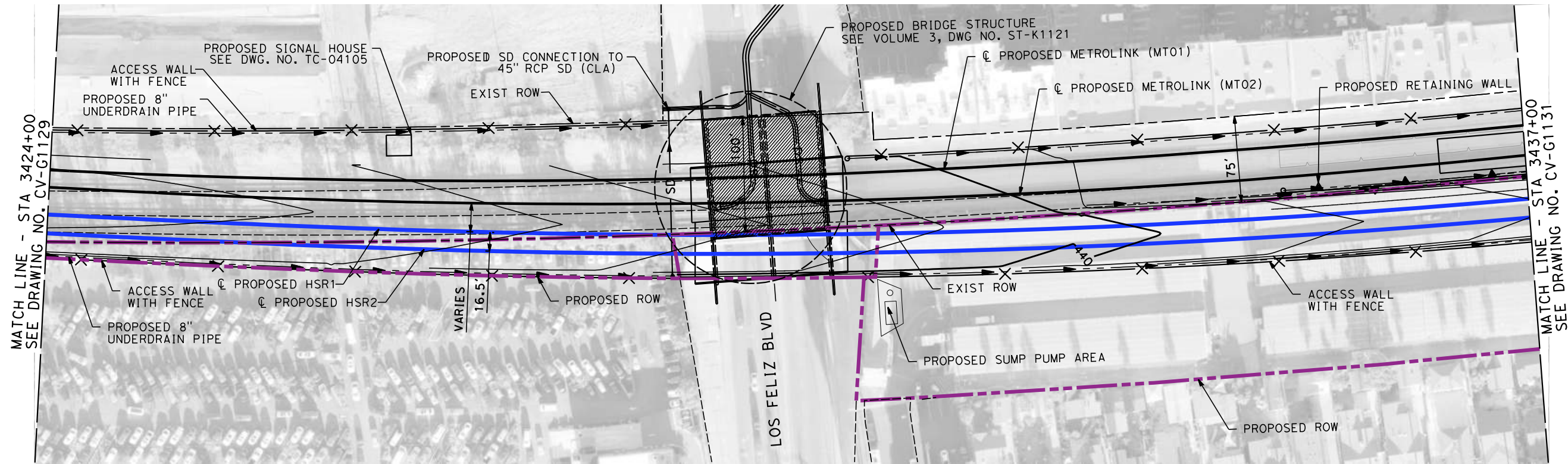


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

 PEPD
 GRADING AND DRAINAGE
 HSR2 3411+00 TO HSR2 3424+00

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 CV-G1129
 SCALE
 AS SHOWN
 SHEET NO.

4/30/2019 11:20:09 AM c:\jip\pwworkdir\haynesma\d0137195\k2l-cv-g1130.dgn



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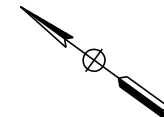
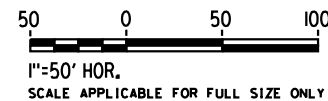
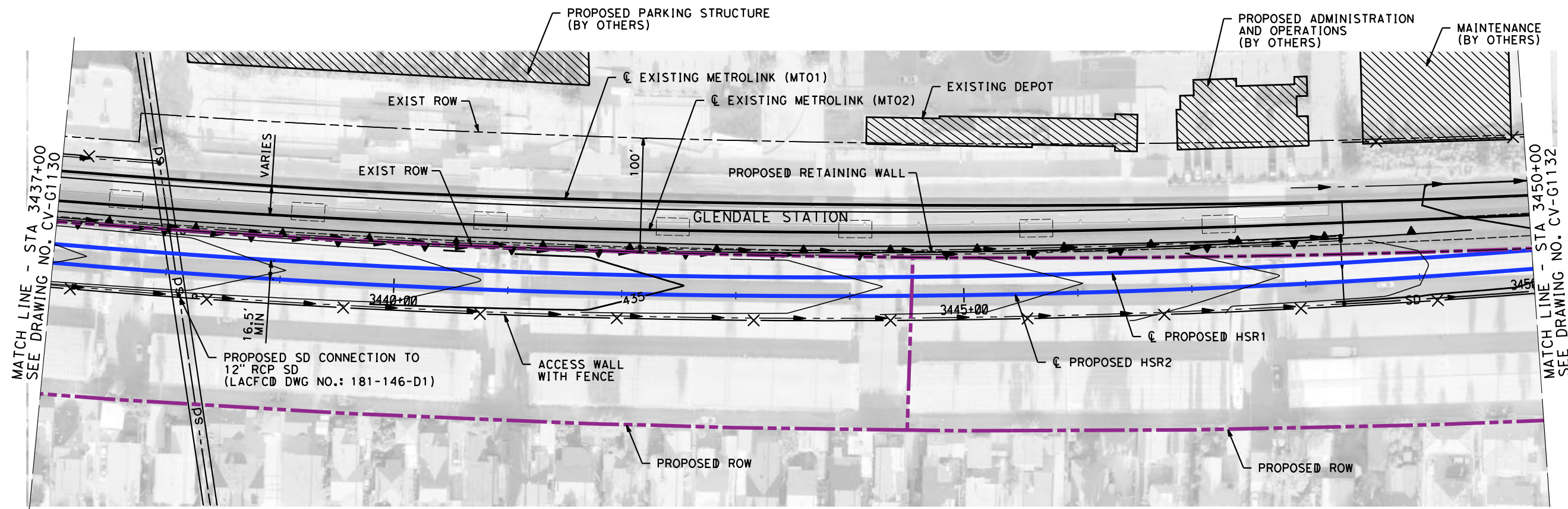
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3424+00 TO HSR2 3437+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1130
SCALE
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SHEET NO.



4/30/2019 11:20:43 AM c:\jip\pwworkdir\haynesma\d0137195\k2L-CV-G1131.dgn

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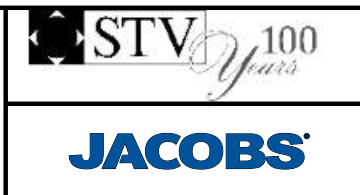
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3437+00 TO HSR2 3450+00

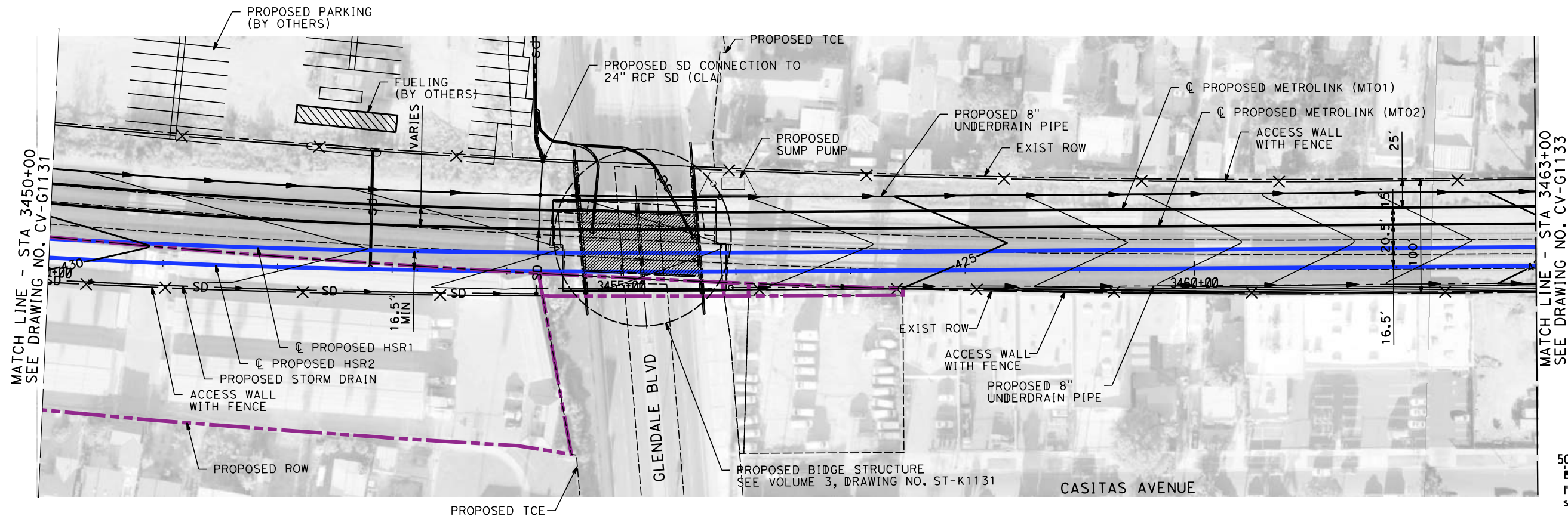
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DRAWING NO.
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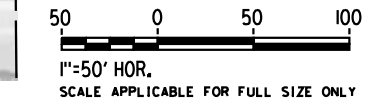
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SHEET NO.

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MATCH LINE - STA 3450+00
SEE DRAWING NO. CV-G1131



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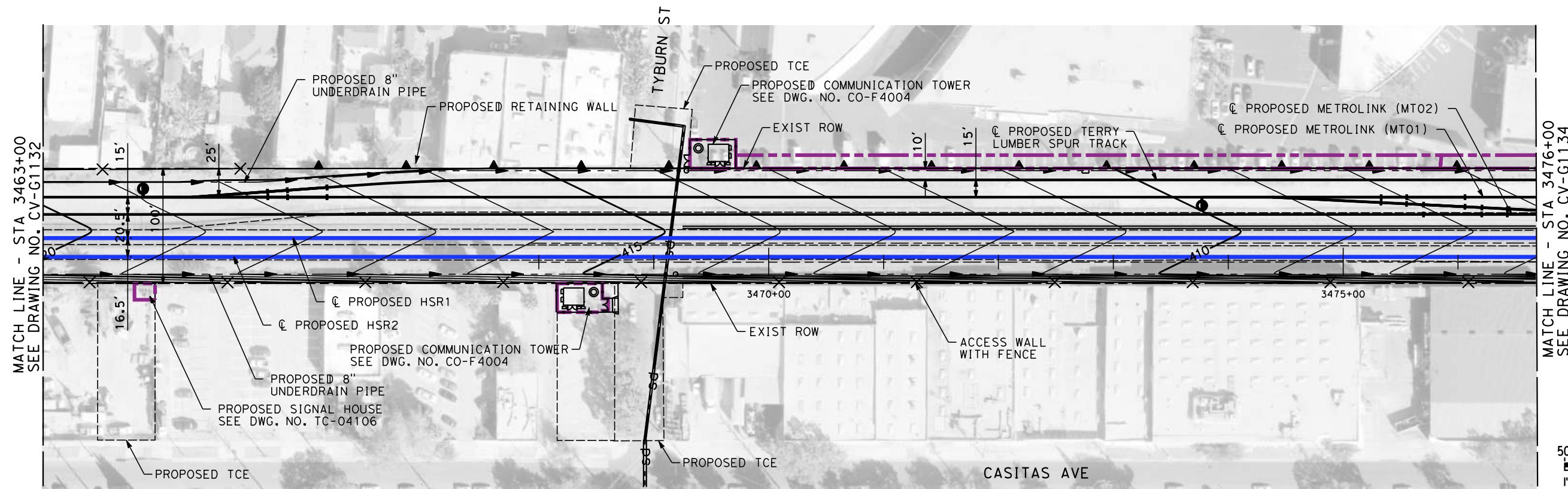


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

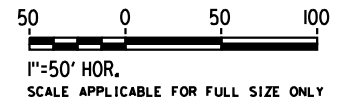
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GRADING AND DRAINAGE
HSR2 3450+00 TO HSR2 3463+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1132
SCALE
AS SHOWN
SHEET NO.

4/30/2019 11:21:58 AM c:\j\p\pwworkdir\haynesma\d0137195\k2L-CV-G1133.dgn



MATCH LINE - STA 3476+00
SEE DRAWING NO. CV-G1134



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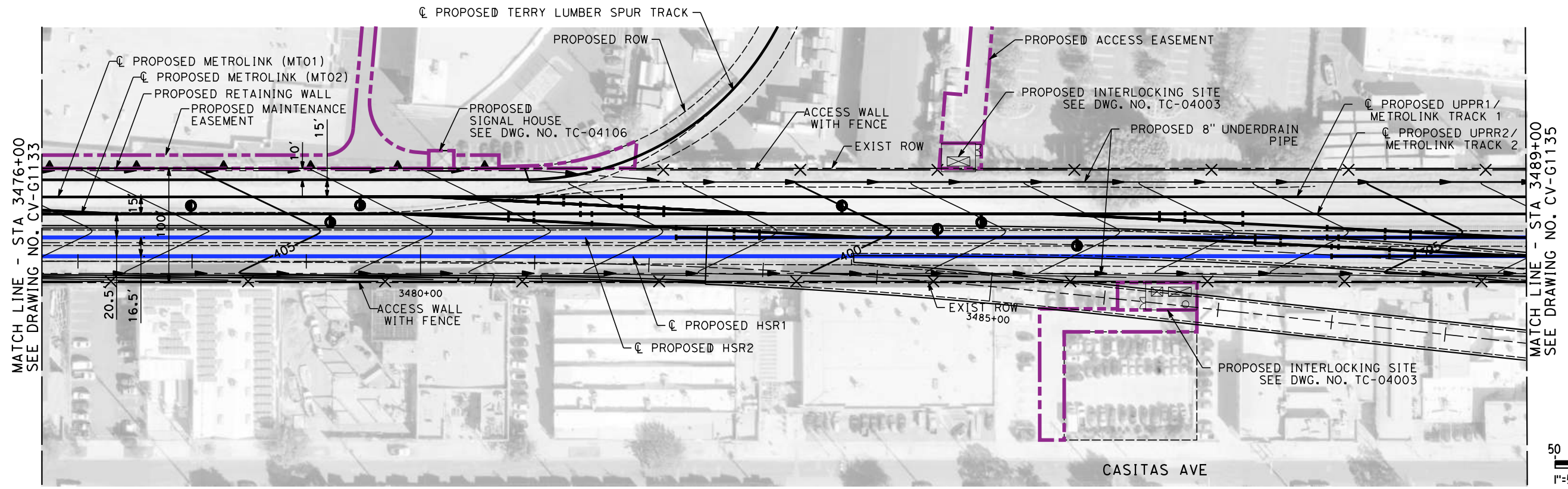


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3463+00 TO HSR2 3476+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1133
SCALE
AS SHOWN
SHEET NO.

4/30/2019 11:22:34 AM c:\j\p\pwworkdir\haynesma\d0137195\k2l-cv-g1134.dgn



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04/30/2019

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RECORD SET**

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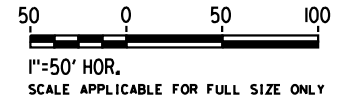
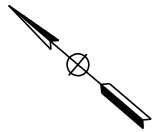
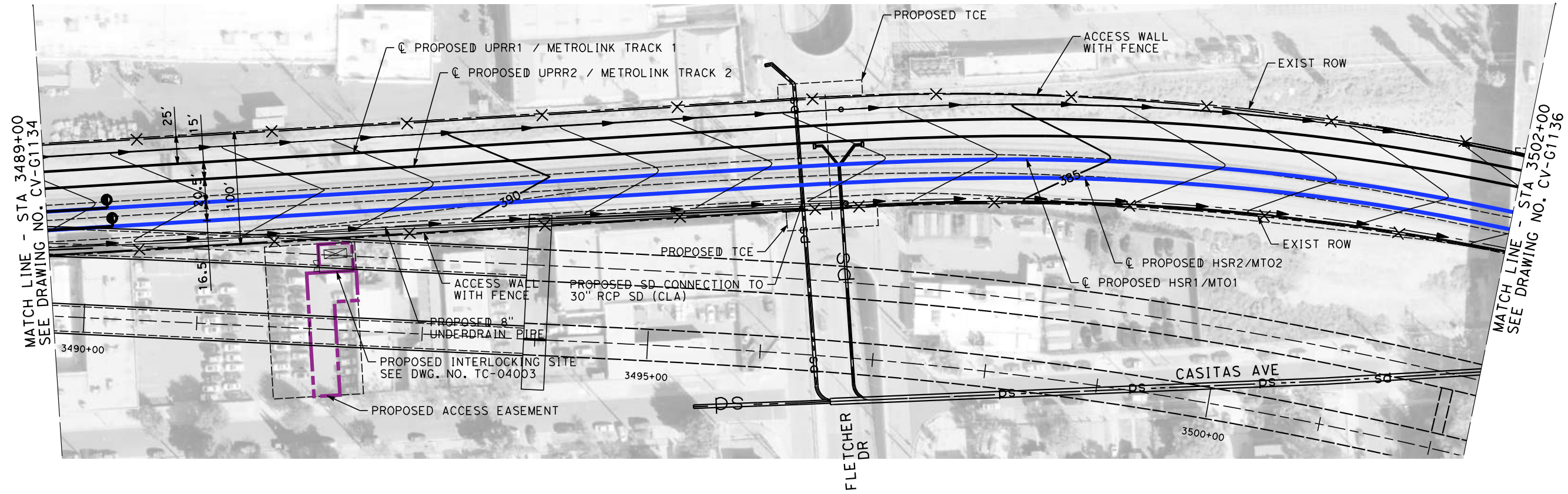


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

 PEPD
 GRADING AND DRAINAGE
 HSR2 3476+00 TO HSR2 3489+00

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 CV-G1134
 SCALE
 AS SHOWN
 SHEET NO.

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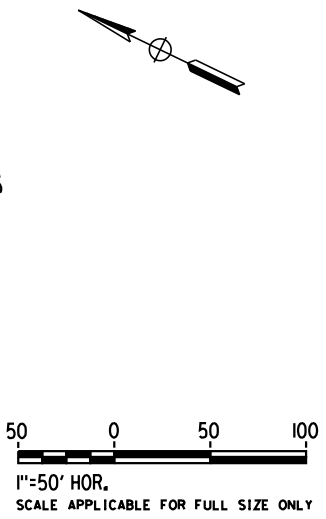
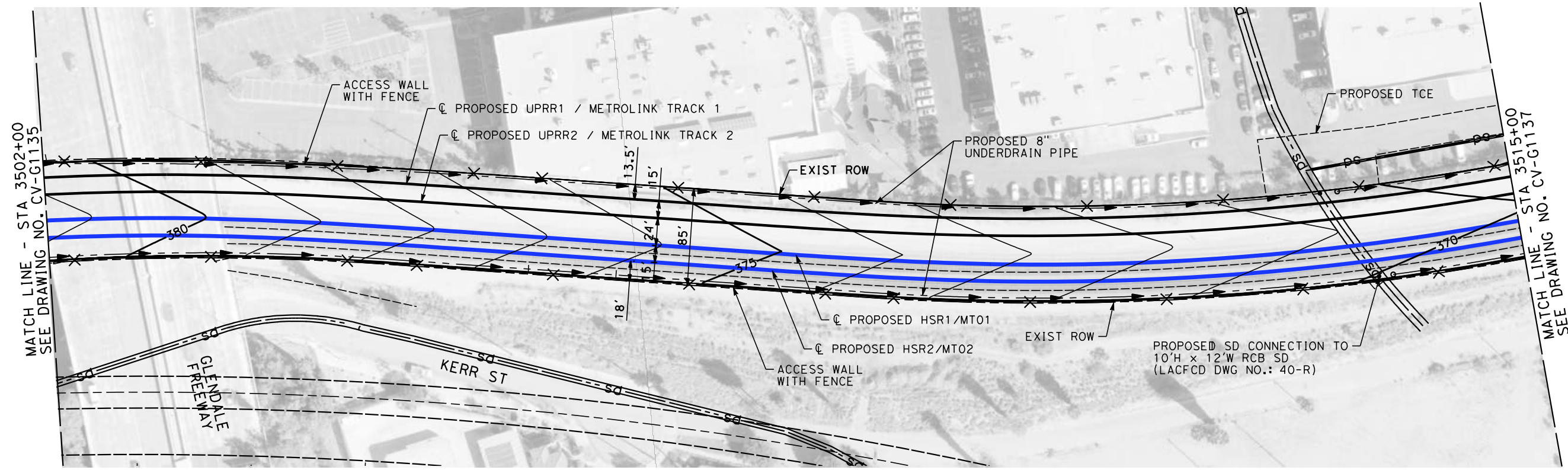


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
STA 3489+00 TO STA 3502+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1135
SCALE
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SHEET NO.

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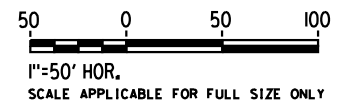
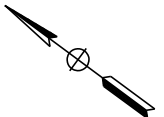
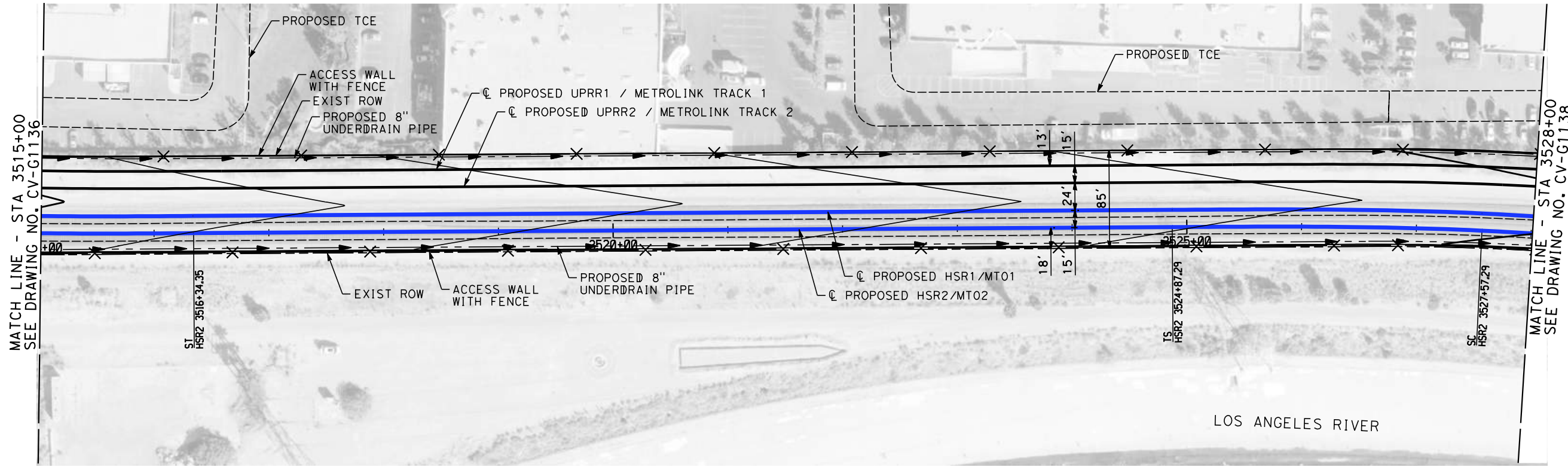


CALIFORNIA HIGH-SPEED TRAIN PROJECT
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 PEPD
 GRADING AND DRAINAGE
 HSR2 3502+00 TO HSR2 3515+00

CONTRACT NO.
 HSR14-39
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 CV-G1136
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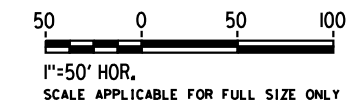
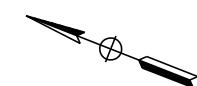
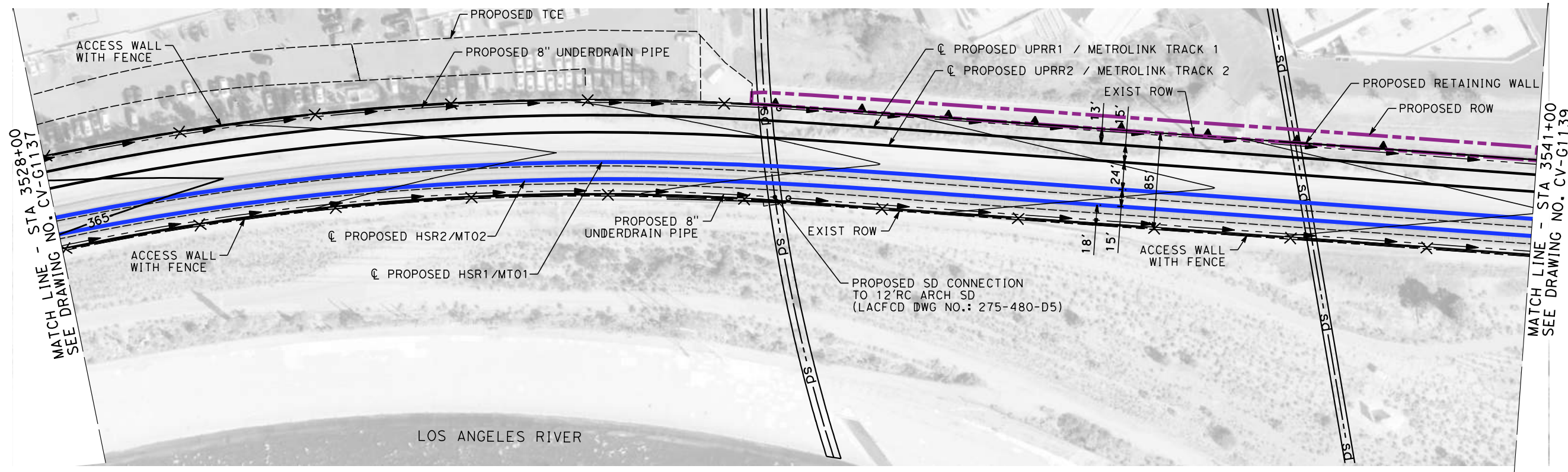
PEPD
GRADING AND DRAINAGE
HSR2 3515+00 TO HSR2 3528+00

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-G1137

SCALE
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K. PIRBAZARI
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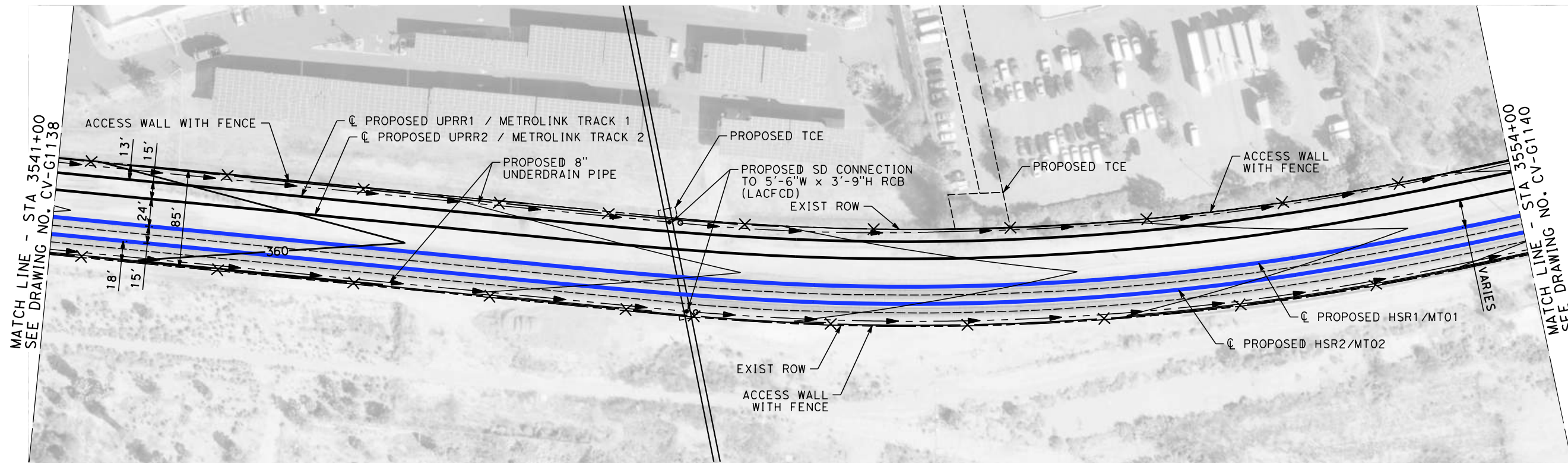


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3528+00 TO HSR2 3541+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1138
SCALE
AS SHOWN
SHEET NO.

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

PEPD
GRADING AND DRAINAGE
HSR2 3541+00 TO HSR2 3554+00

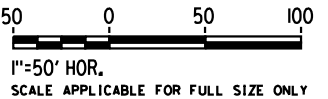
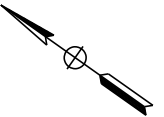
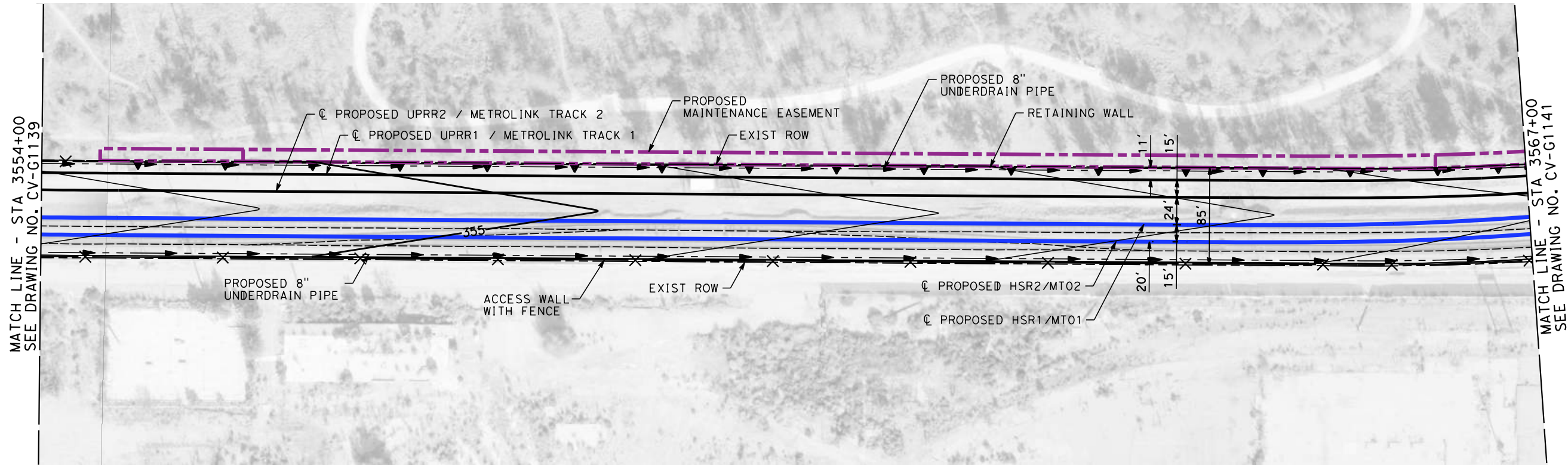
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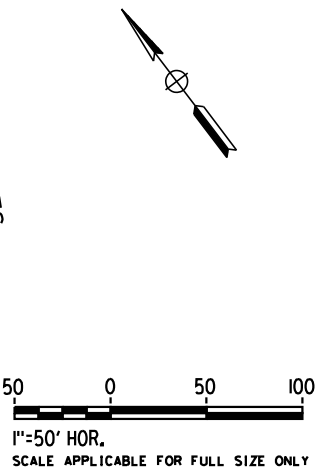
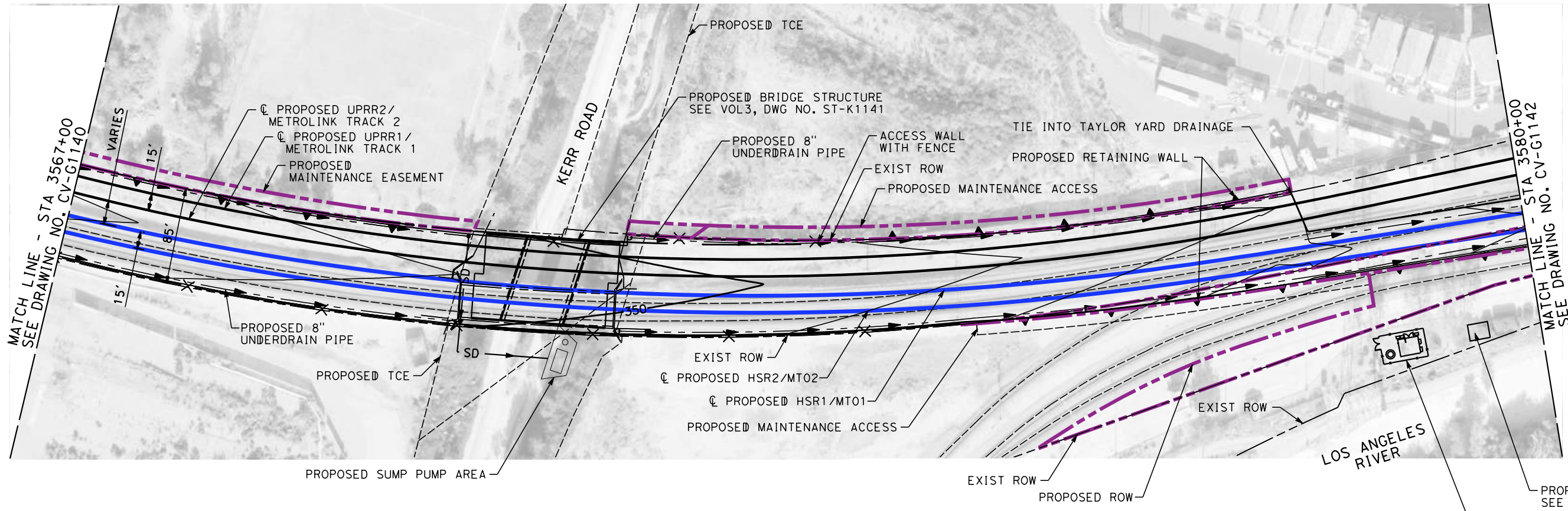
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
STA 3554+00 TO STA 3567+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1140
SCALE
AS SHOWN
SHEET NO.



PROPOSED SIGNAL HOUSE
SEE DWG. NO. TC-04107
PROPOSED COMMUNICATION TOWER
SEE DWG. NO. CO-F4005

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K. PIRBAZARI
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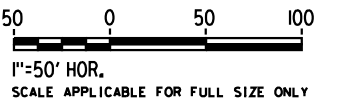
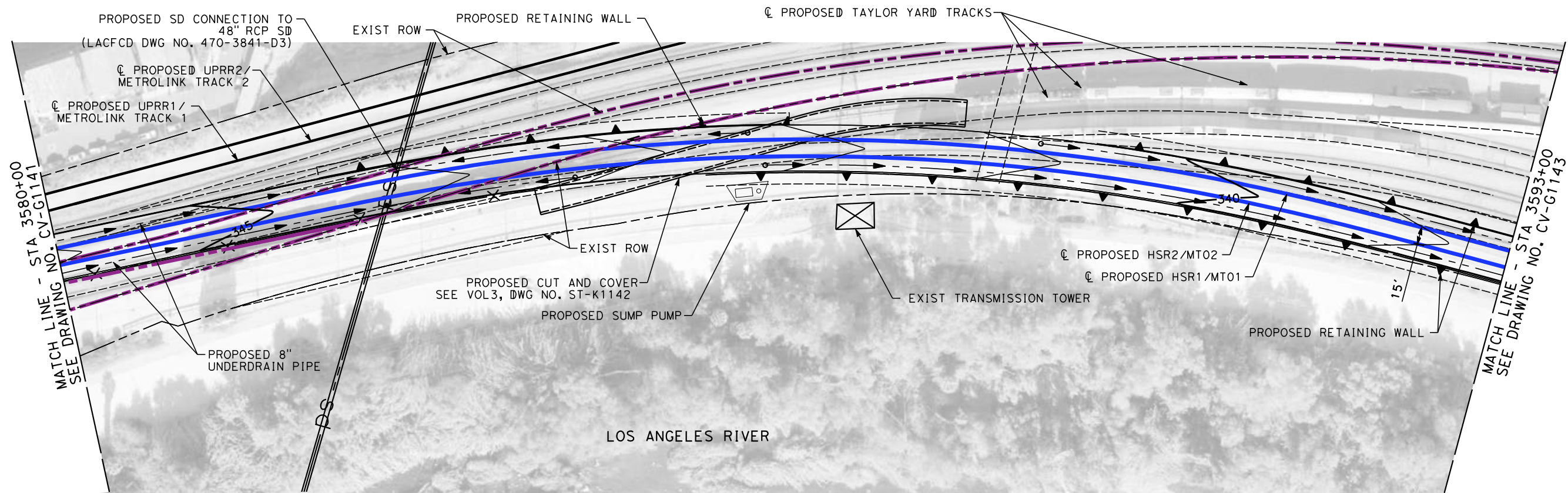


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3567+00 TO HSR2 3580+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1141
SCALE
AS SHOWN
SHEET NO.

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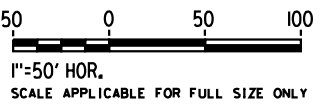
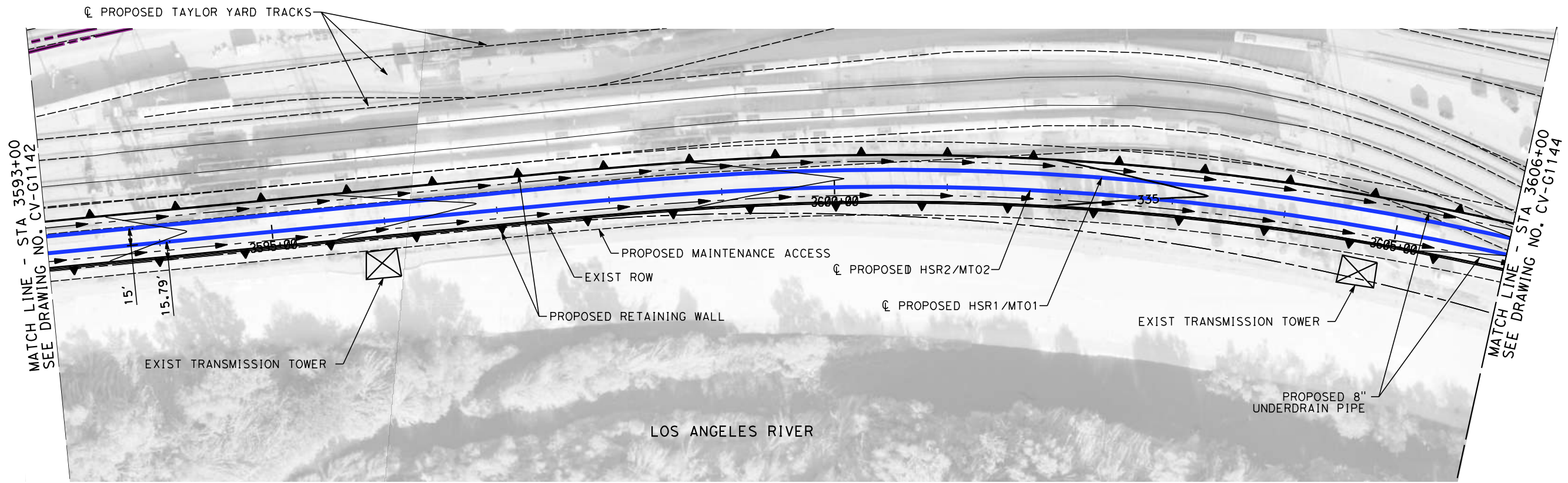


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3580+00 TO HSR2 3593+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1142
SCALE
AS SHOWN
SHEET NO.

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4/30/2019 11:27:44 AM c:\jip\pwworkdir\haynesma\d0137195\k2l-cv-g1143.dgn

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DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
K. PIRBAZARI
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

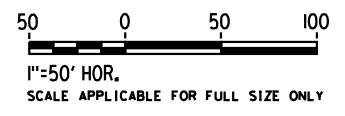
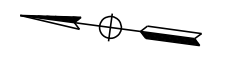
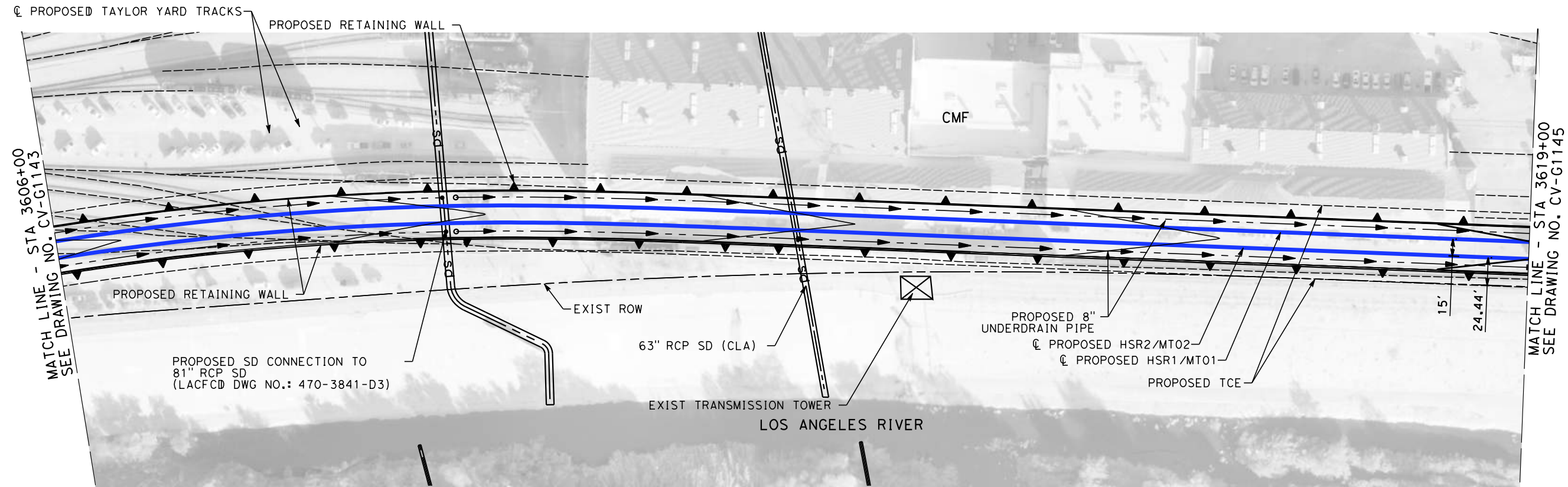
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CONSTRUCTION**



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

PEPD
GRADING AND DRAINAGE
HSR2 3593+00 TO HSR2 3606+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1143
SCALE
AS SHOWN
SHEET NO.



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A. ZAHER
CHECKED BY
K. PIRBAZARI
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

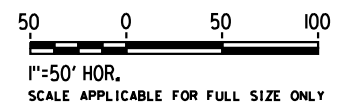
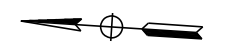
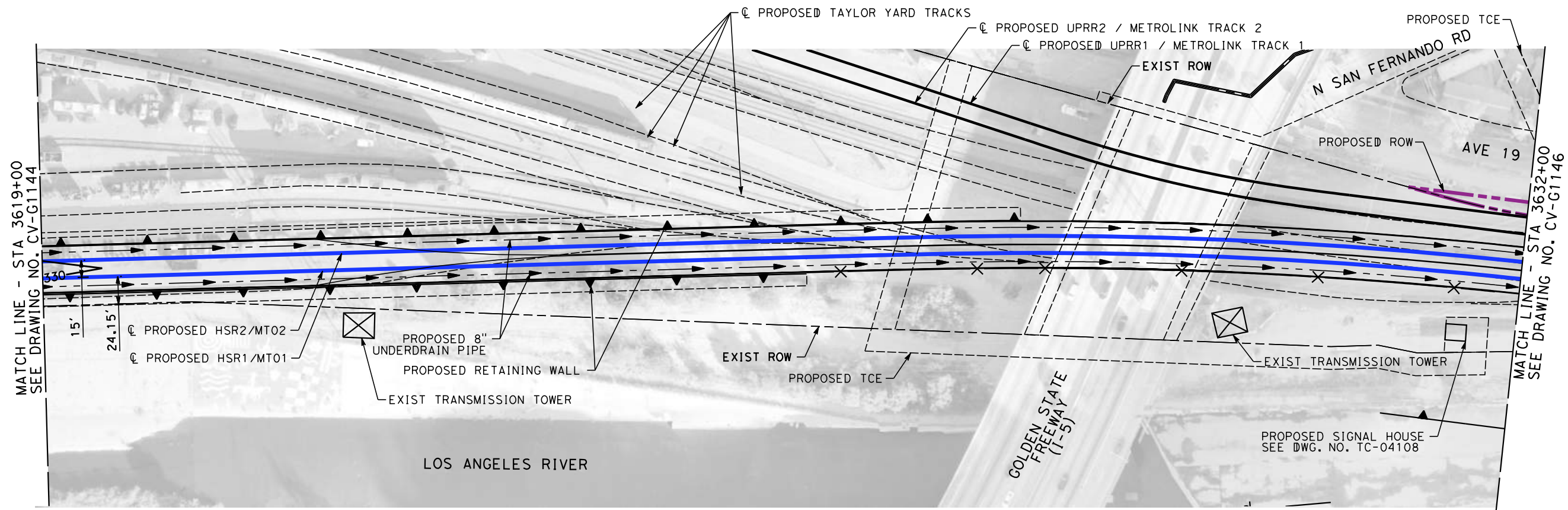
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3606+00 TO HSR2 3619+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1144
SCALE
AS SHOWN
SHEET NO.



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DESIGNED BY
A. ZAHER
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A. ZAHER
CHECKED BY
K. PIRBAZARI
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

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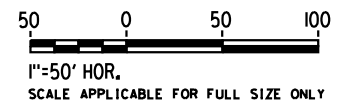
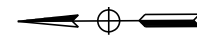
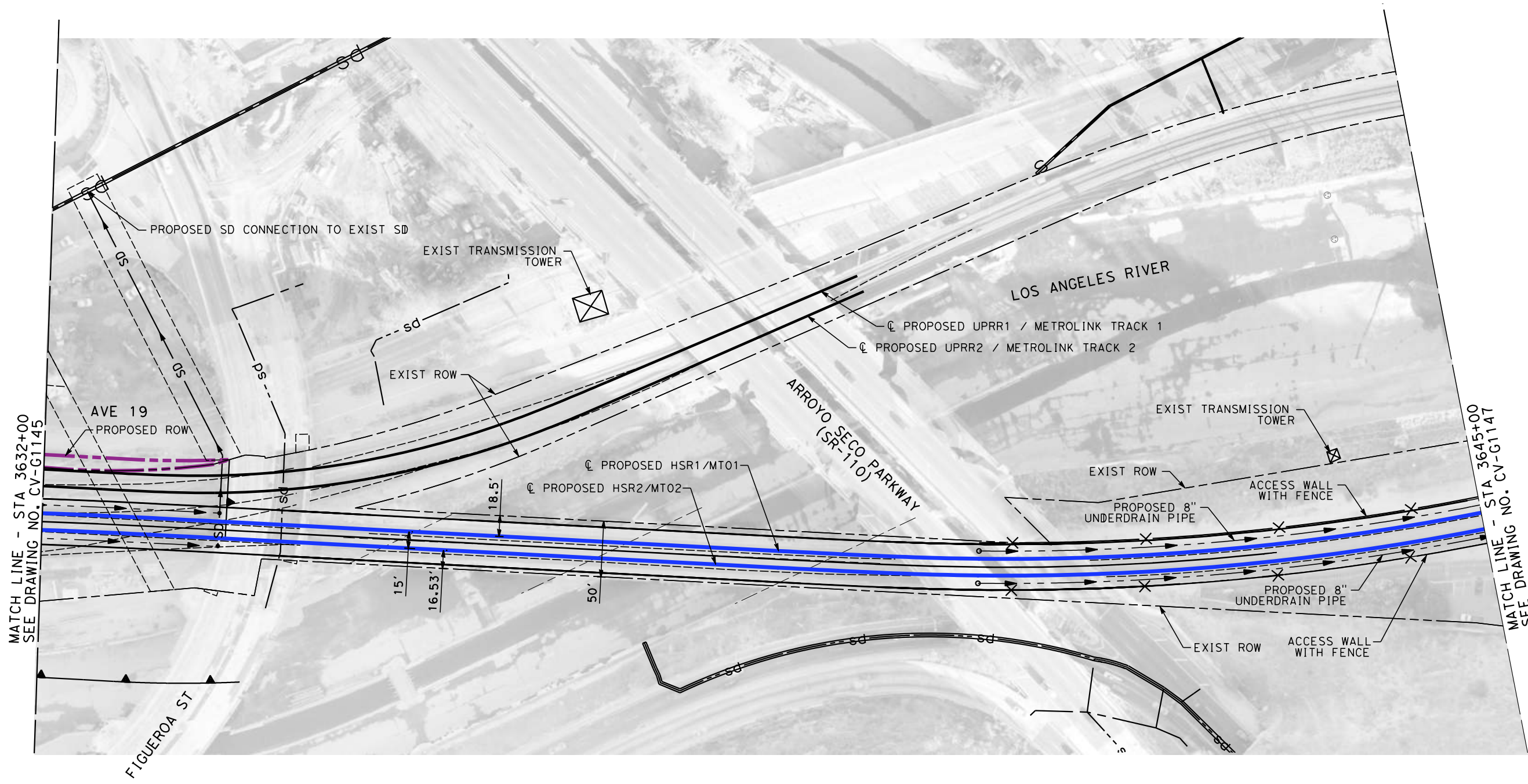


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3619+00 TO HSR2 3632+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1145
SCALE
AS SHOWN
SHEET NO.

4/30/2019 11:29:33 AM c:\j\p\pwworkdir\haynesma\d0137195\k2l-cv-g1146.dgn



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 CHECKED BY
K. PIRBAZARI
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

**PEPD
 RECORD SET**

**NOT FOR
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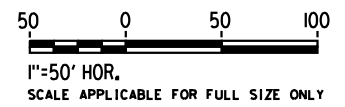
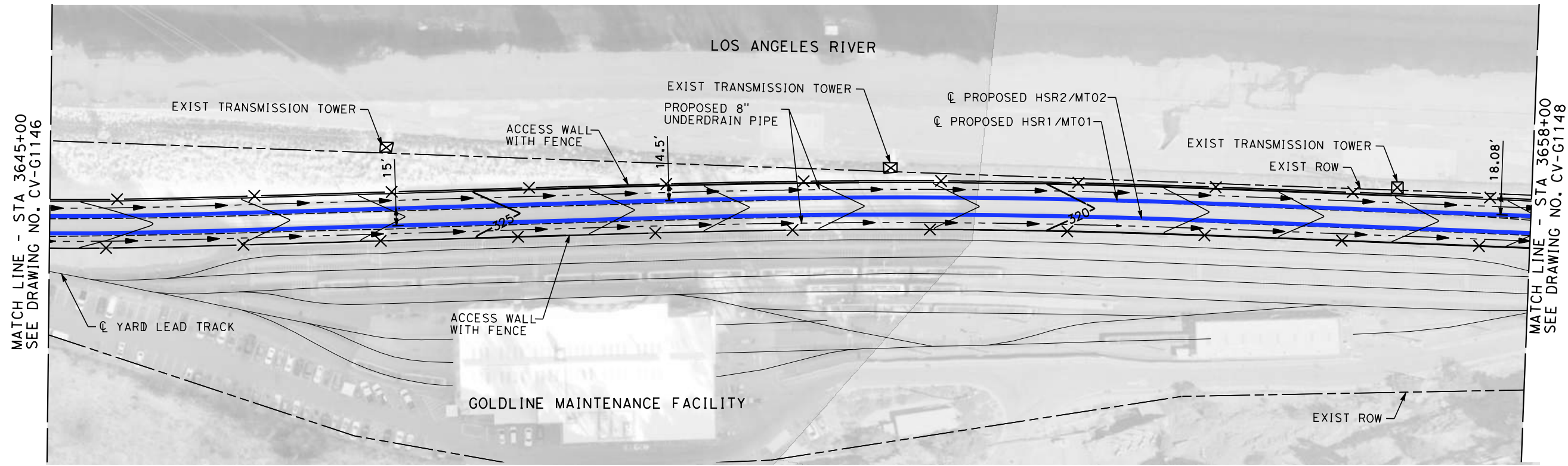


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 BURBANK TO LOS ANGELES**

 PEPD
 GRADING AND DRAINAGE
 HSR2 3632+00 TO HSR2 3645+00

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 CV-G1146
 SCALE
 AS SHOWN
 SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. ZAHER

DRAWN BY
A. ZAHER

CHECKED BY
L. VALDIVIA

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

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RECORD SET**

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

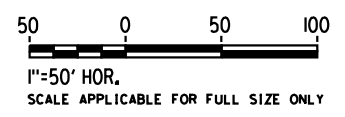
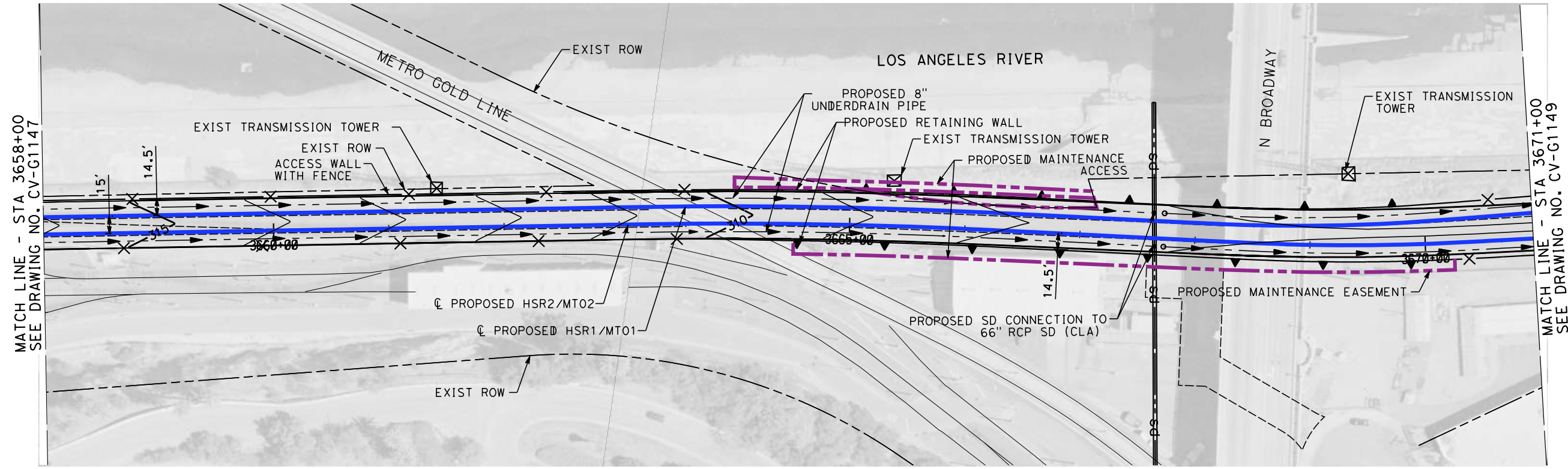
PEPD
GRADING AND DRAINAGE
HSR2 3645+00 TO HSR2 3658+00

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-G1147

SCALE
AS SHOWN

SHEET NO.



4/30/2019 11:30:51 AM c:\j\p\pwworkdir\haynesma\d0137195\k2l-cv-g1148.dgn

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DESIGNED BY
A. ZAHER

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A. ZAHER

CHECKED BY
L. VALDIVIA

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

**PEPD
RECORD SET**

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

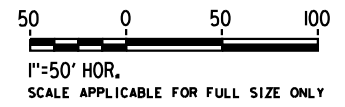
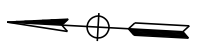
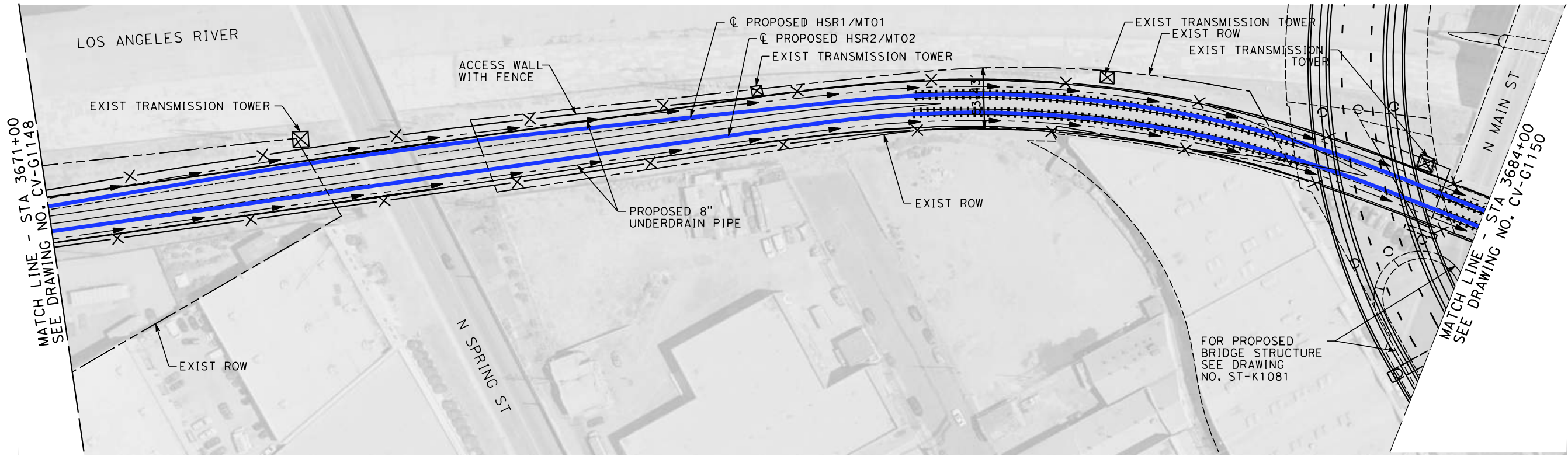
PEPD
GRADING AND DRAINAGE
STA 3658+00 TO STA 3671+00

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-G1148

SCALE
AS SHOWN

SHEET NO.



4/30/2019 11:31:26 AM c:\j\p\work\dir\haynesma\d0137195\k2L-CV-G1149.dgn

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DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

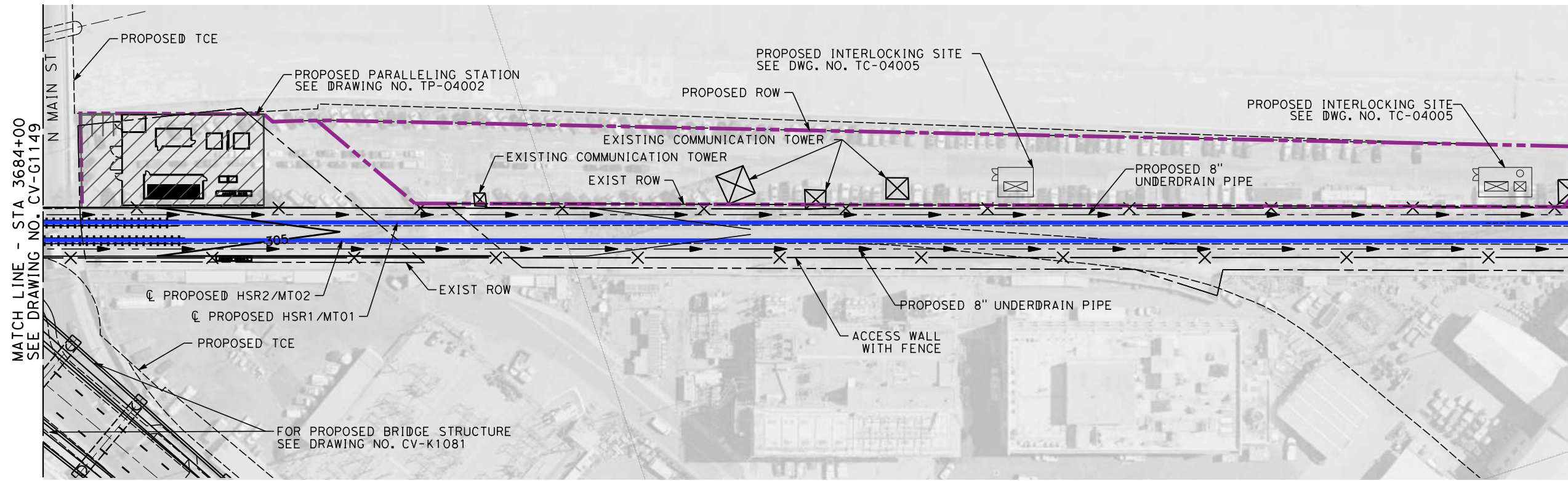
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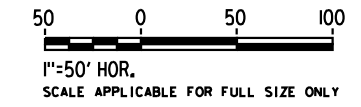
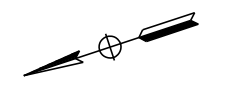
CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
GRADING AND DRAINAGE
HSR2 3671+00 TO HSR2 3684+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1149
SCALE
AS SHOWN
SHEET NO.



MATCH LINE - STA 3684+00
SEE DRAWING NO. CV-G1149



4/30/2019 11:32:01 AM c:\j\p\pwworkdir\haynesma\d0137195\k2l-cv-g1150.dgn

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DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

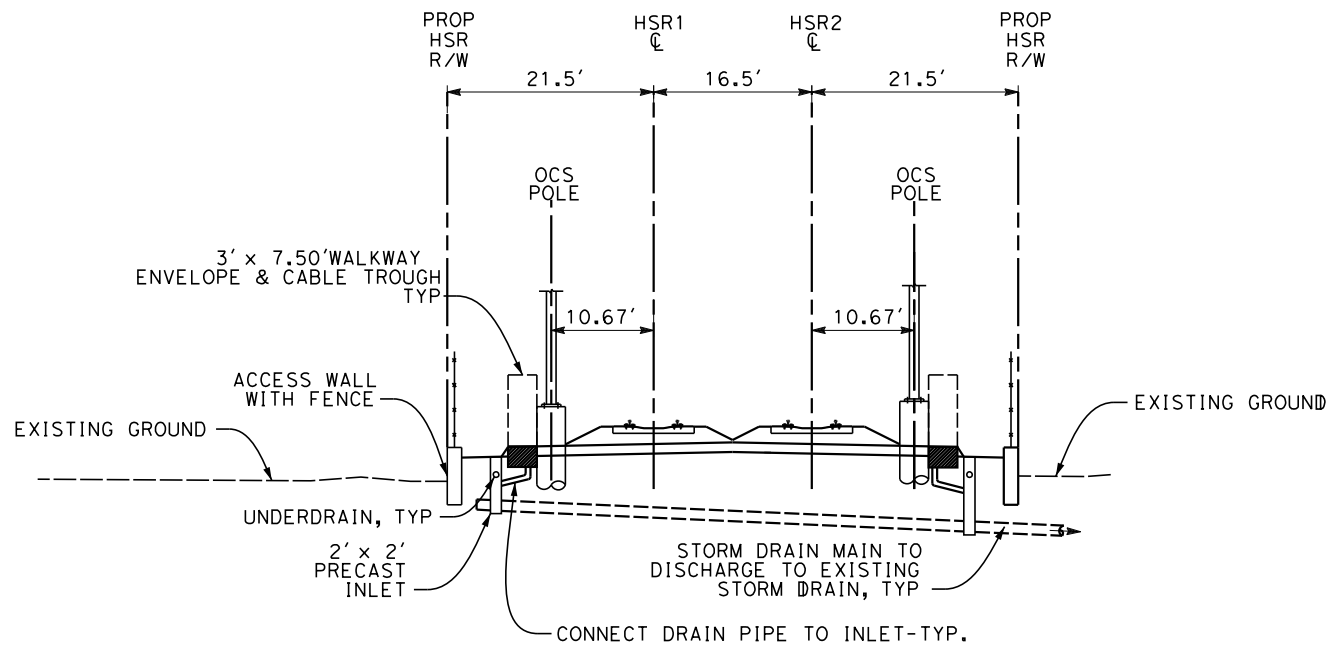
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CONSTRUCTION**



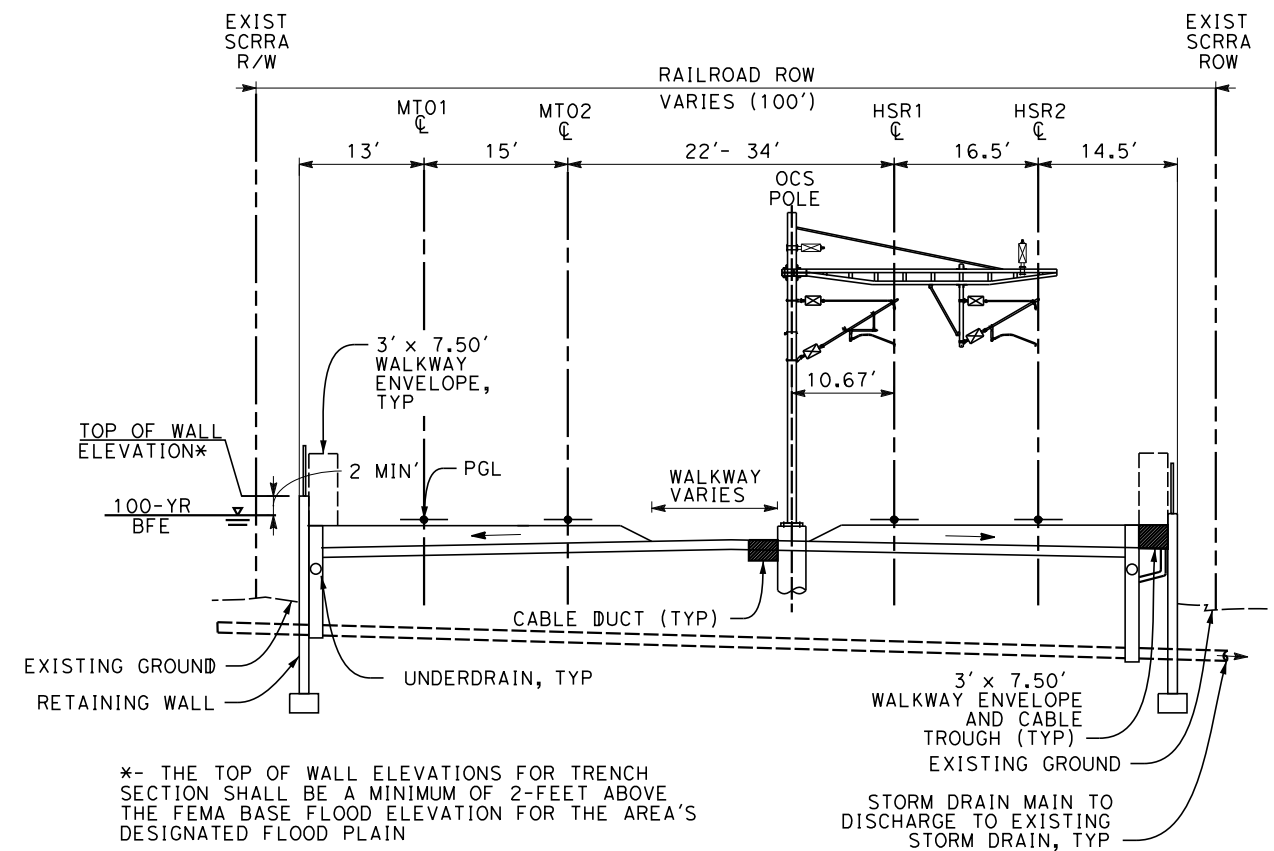
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE
HSR2 3684+00 TO HSR2 3697+00

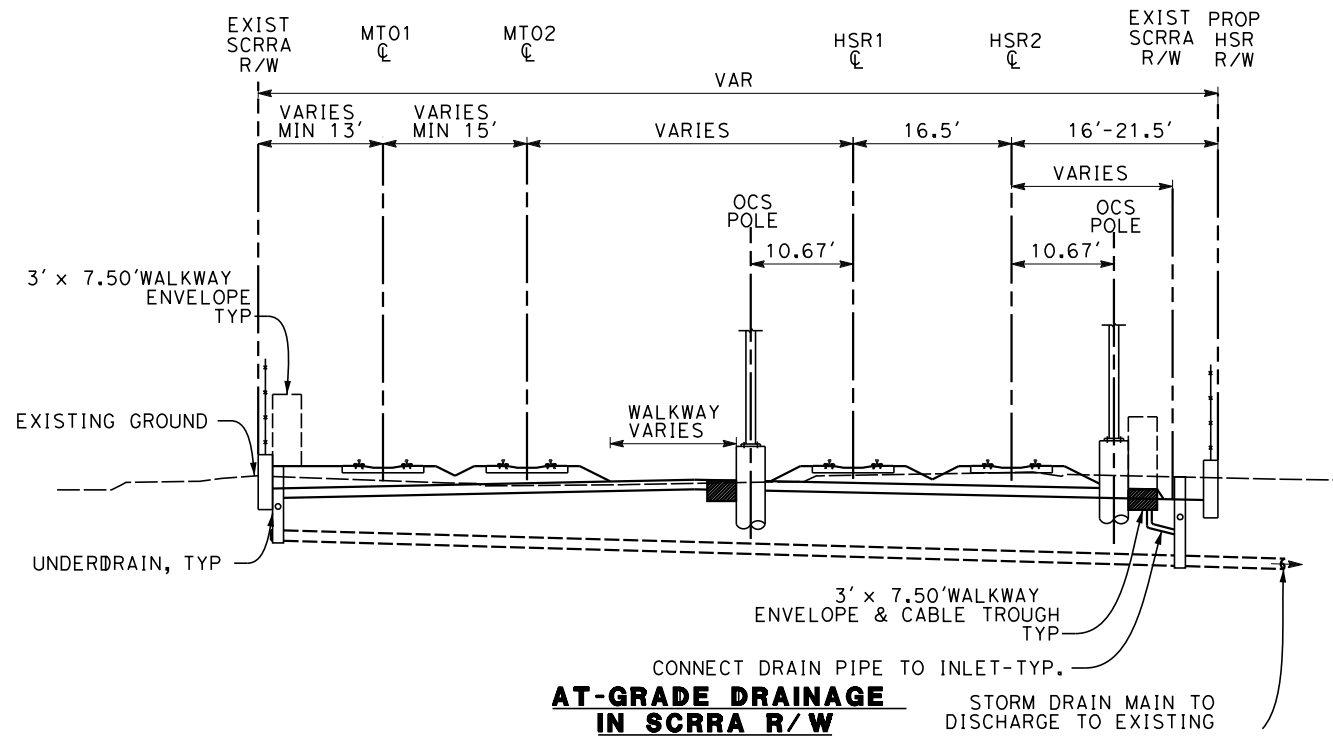
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1150
SCALE
AS SHOWN
SHEET NO.



**AT-GRADE DRAINAGE
IN DEDICATED HSR R/W**

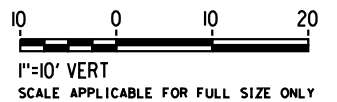


RETAINED FILL DRAINAGE



**AT-GRADE DRAINAGE
IN SCRRA R/W**

NOTES:
1- STORM DRAIN PIPES ARE NOT DRAWN TO SCALE



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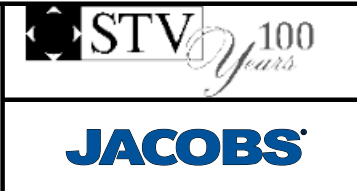
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DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

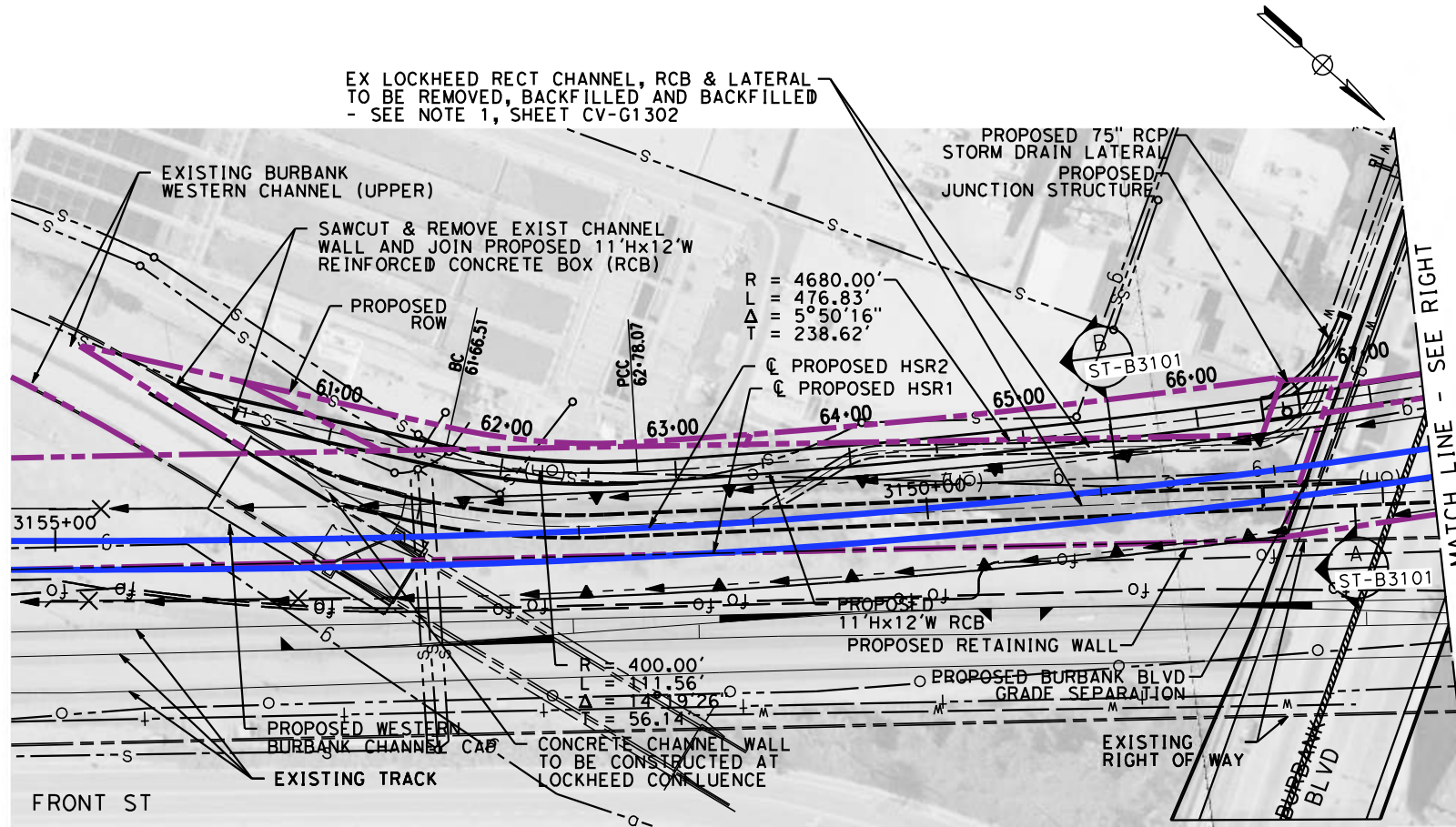
**NOT FOR
CONSTRUCTION**



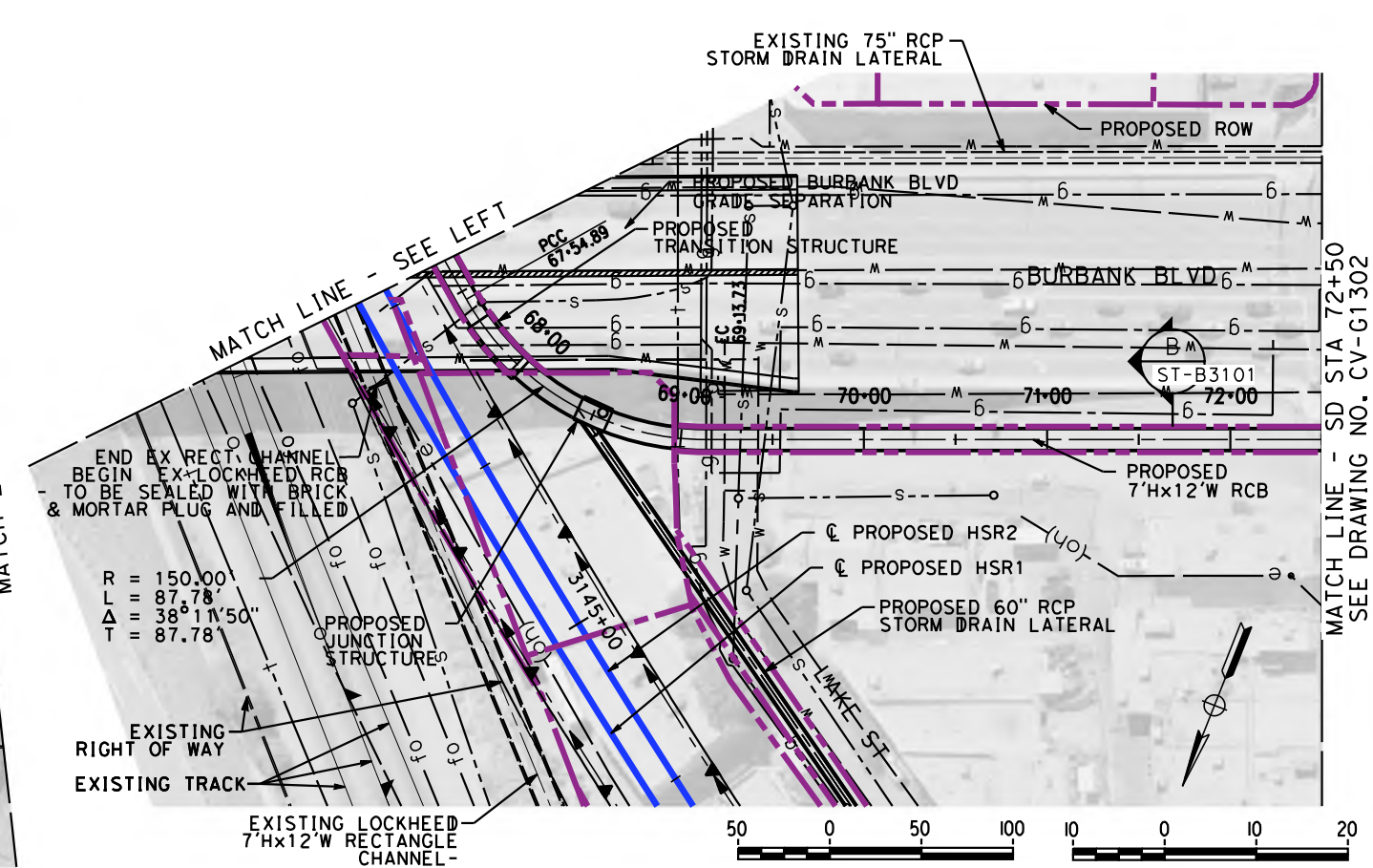
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
DRAINAGE TYPICAL SECTIONS

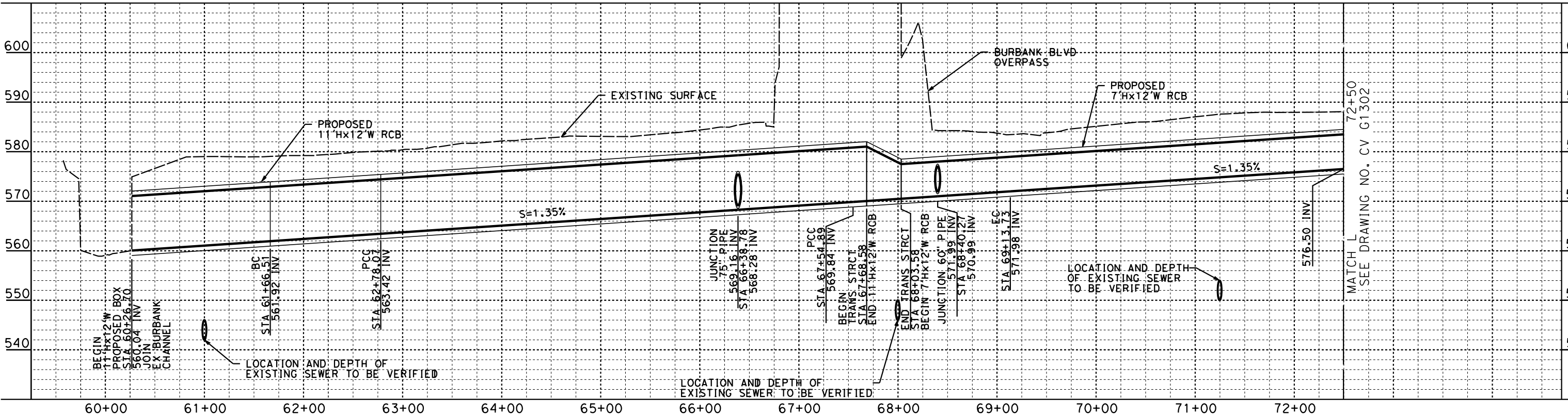
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G3101
SCALE
AS SHOWN
SHEET NO.



PLAN



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5/2/2019 7:33:23 AM c:\j\p\work\dir\haynesma\d0137195\k2l-cv-g1301.sht

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DESIGNED BY
L. VALDIVIA
DRAWN BY
J. CANDELARIO
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

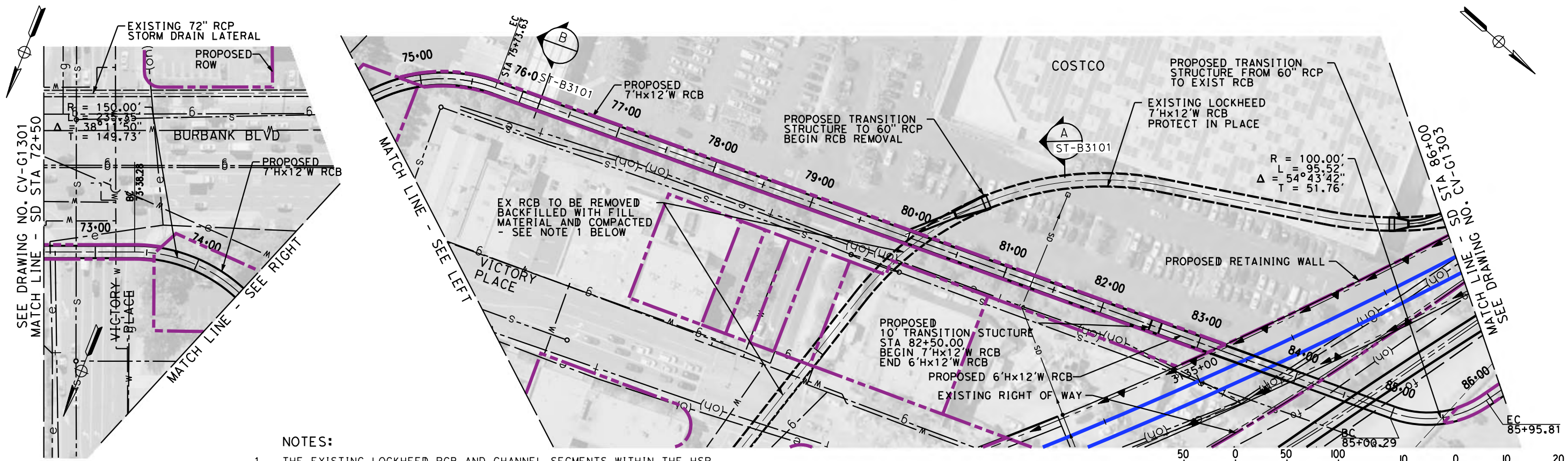
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
GRADING AND DRAINAGE - LOCKHEED CHANNEL RELOCATION
SD 60+00 TO SD 72+00

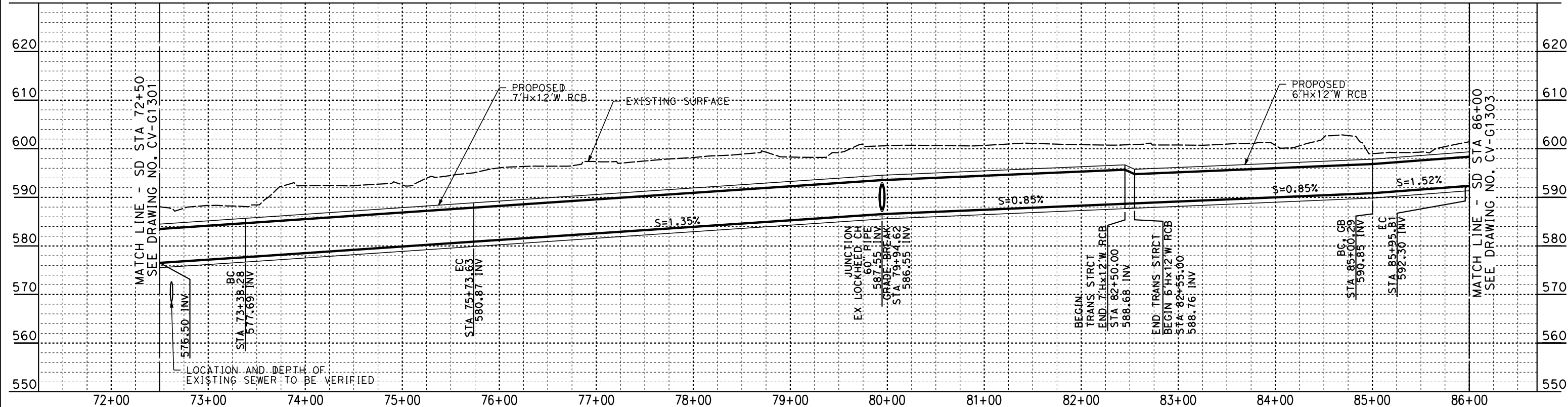
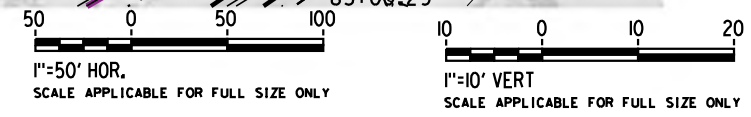
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1301
SCALE
AS SHOWN
SHEET NO.



NOTES:

1. THE EXISTING LOCKHEED RCB AND CHANNEL SEGMENTS WITHIN THE HSR TRACK ZONE OF INFLUENCE SHALL BE REMOVED FROM THE POINT OF CONNECTION TO THE PROPOSED RCB TO THE CONFLUENCE AT WESTERN BURBANK CHANNEL. THE CONTRACTOR SHALL BACKFILL WITH COMPACTED MATERIAL PER CONSTRUCTION SPECIFICATIONS.

PLAN



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5/2/2019 7:34:39 AM c:\j\p\pwworkdir\haynesma\d0137195\k2l-cv-g1302.sht

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L. VALDIVIA
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J. CANDELARIO
CHECKED BY
C. ADAMS
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K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**

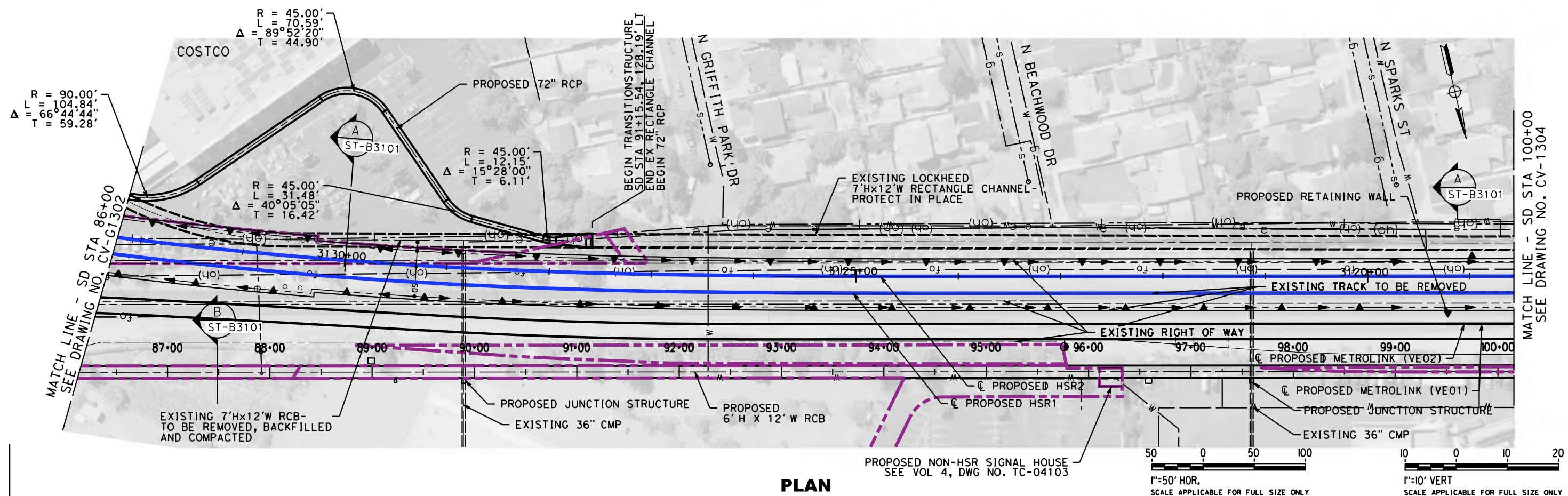


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

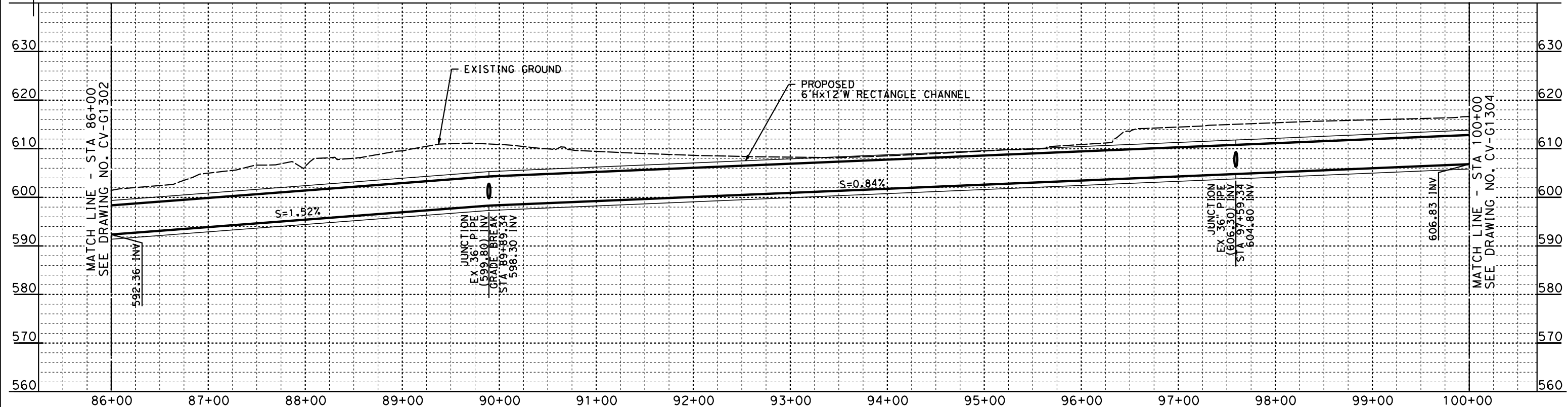
PEPD
GRADING AND DRAINAGE - LOCKHEED CHANNEL RELOCATION
SD 72+00 TO SD 86+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1302
SCALE
AS SHOWN
SHEET NO.

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K. PIRBAZARI
DATE
04/30/2019

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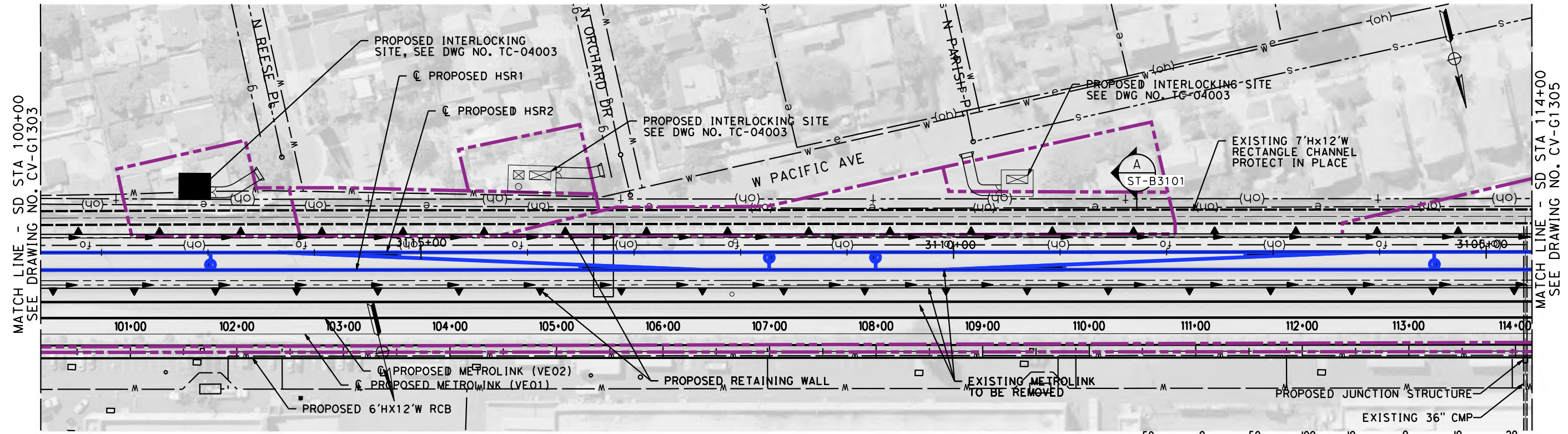


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

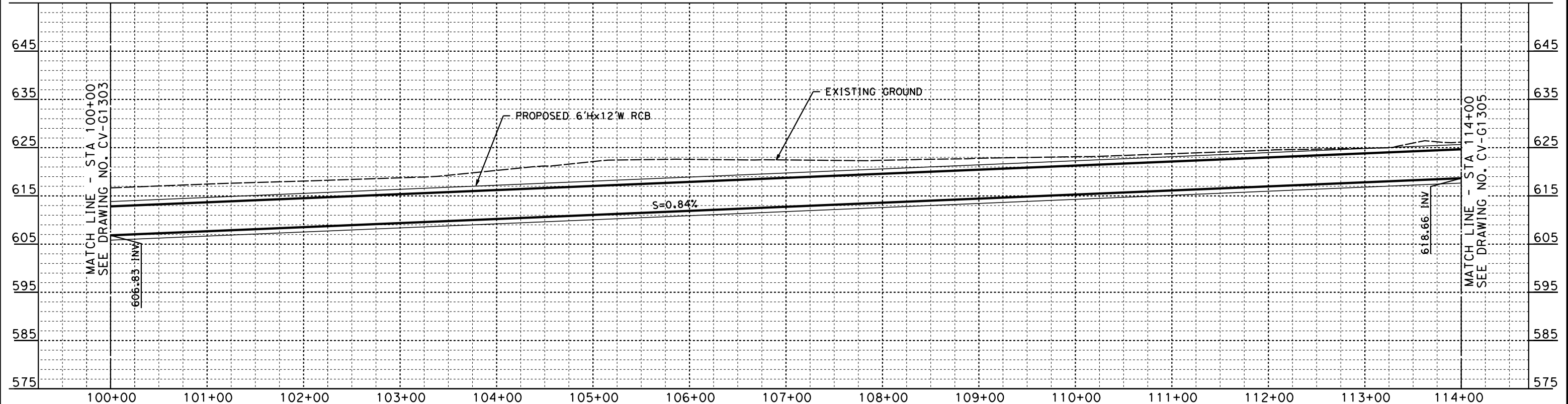
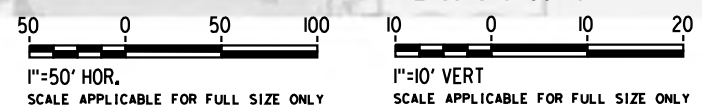
PEPD
GRADING AND DRAINAGE - LOCKHEED CHANNEL RELOCATION
SD 86+00 TO SD 100+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1303
SCALE
AS SHOWN
SHEET NO.

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C. ADAMS
IN CHARGE
K. PIRBAZARI
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04/30/2019

PEPD RECORD SET

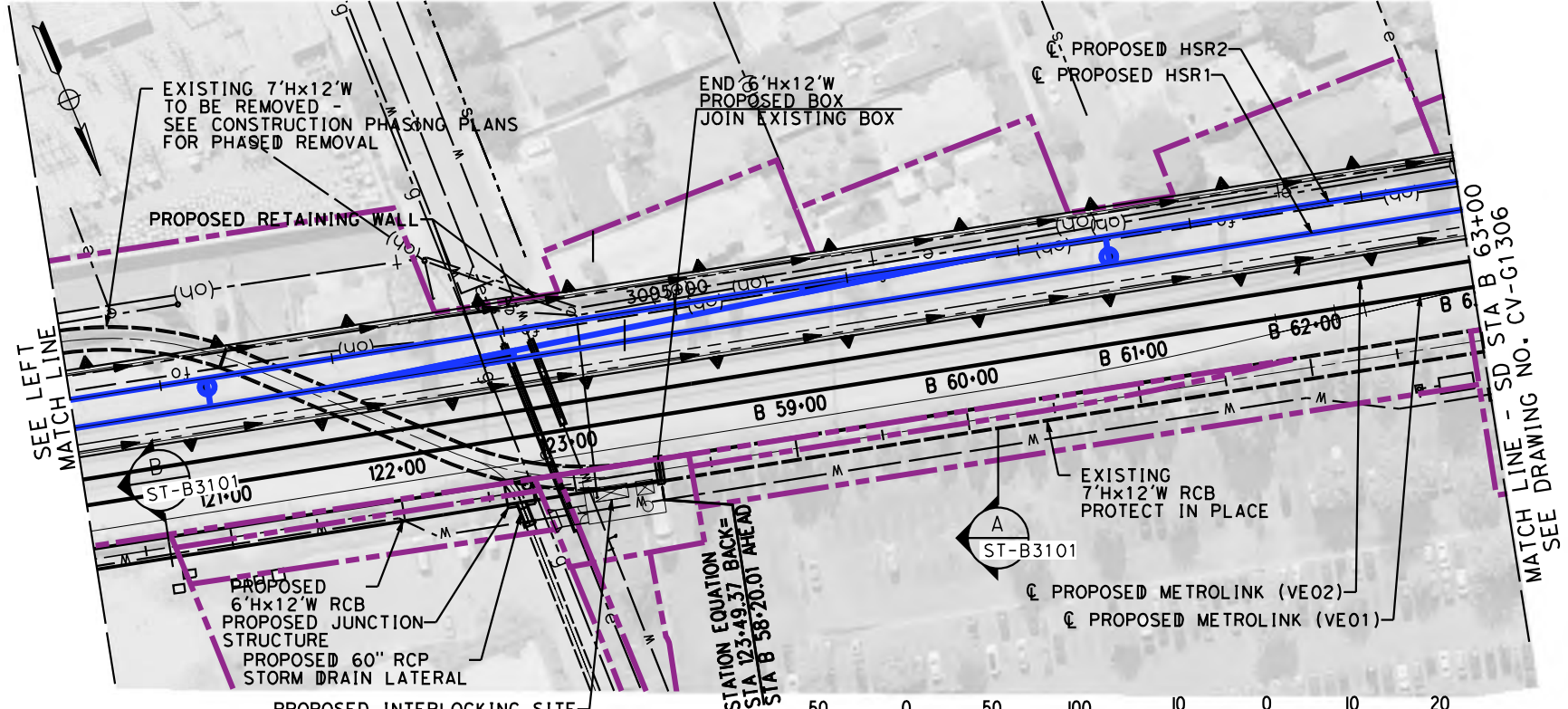
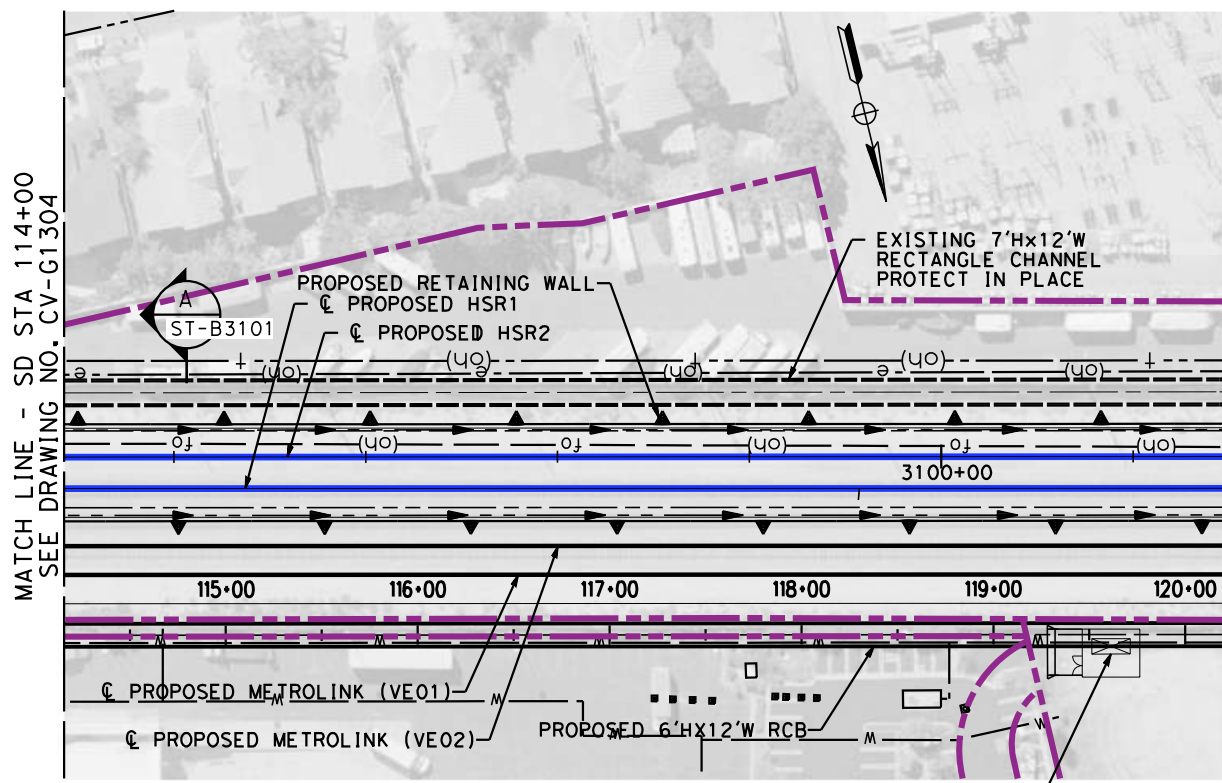
NOT FOR CONSTRUCTION



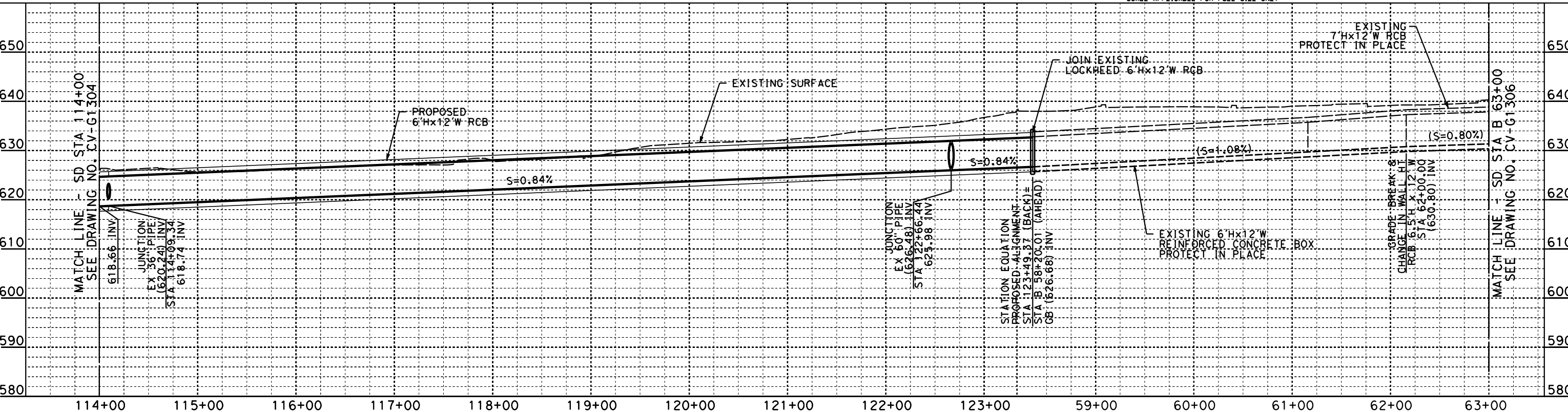
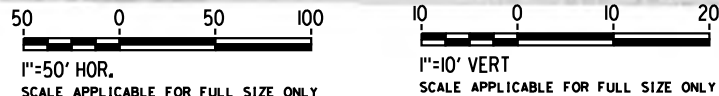
CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
GRADING AND DRAINAGE - LOCKHEED CHANNEL RELOCATION
SD 100+00 TO SD 114+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1304
SCALE
AS SHOWN
SHEET NO.



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J. CANDELARIO
CHECKED BY
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IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

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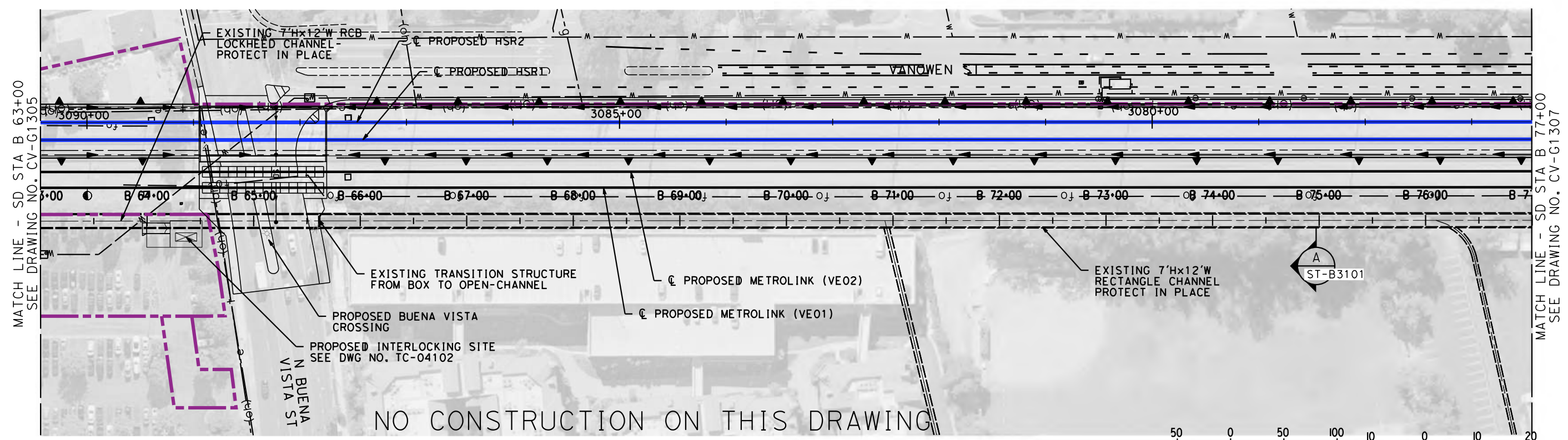


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

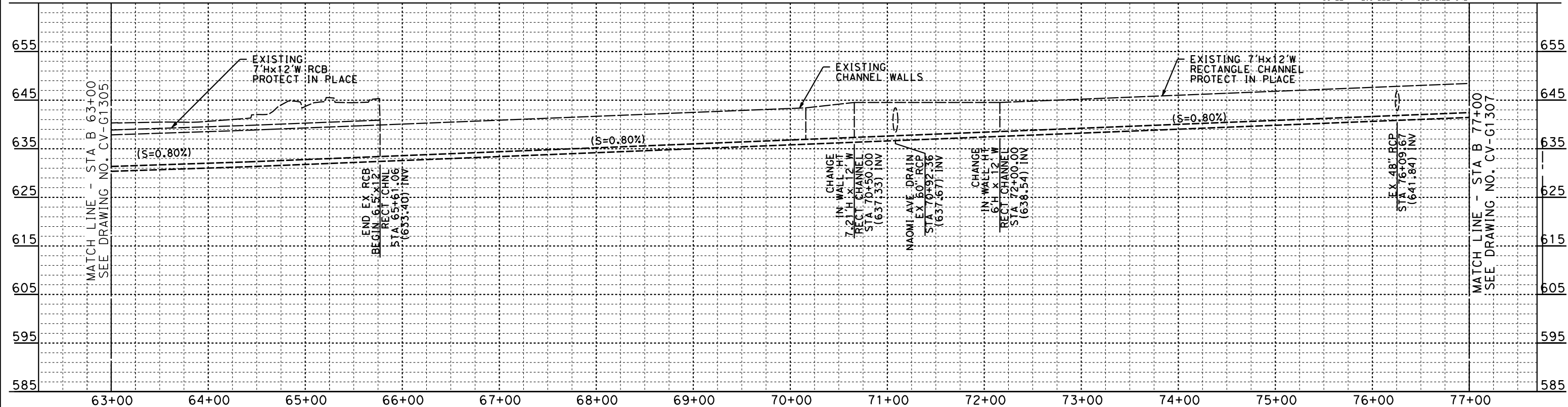
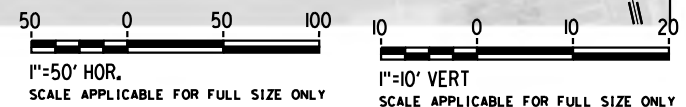
PEPD
GRADING AND DRAINAGE - LOCKHEED CHANNEL RELOCATION
SD 114+00 TO SD 123+33.38 & SD 58+20.01 TO 63+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1305
SCALE
AS SHOWN
SHEET NO.

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IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

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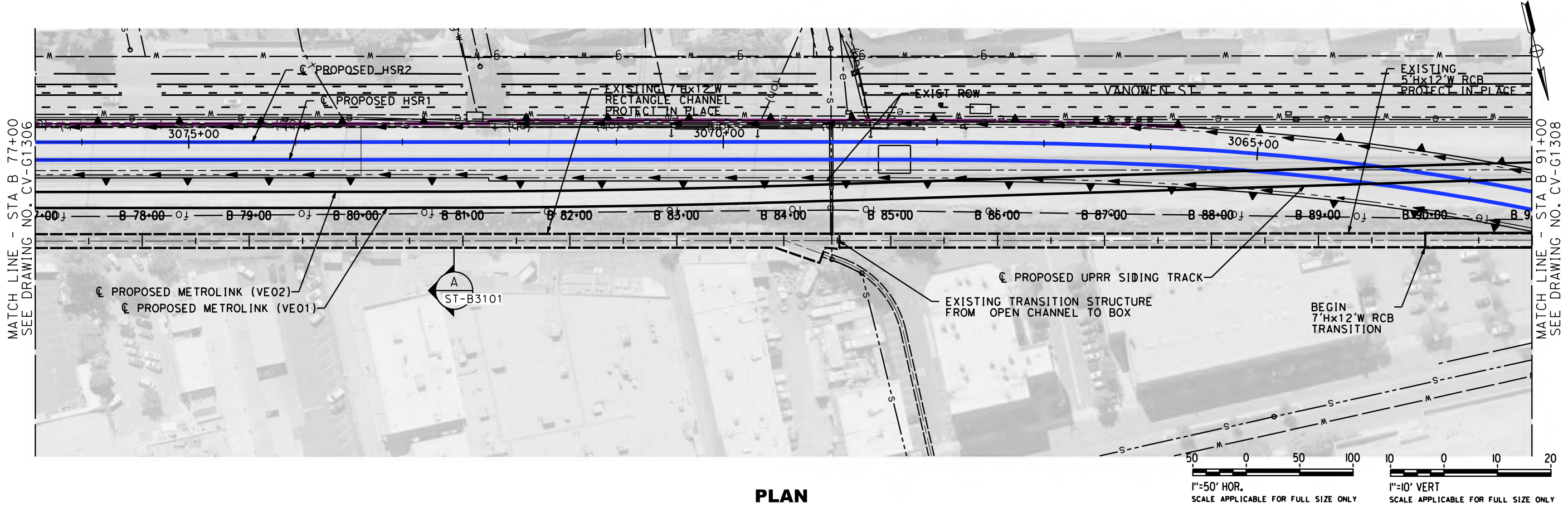


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

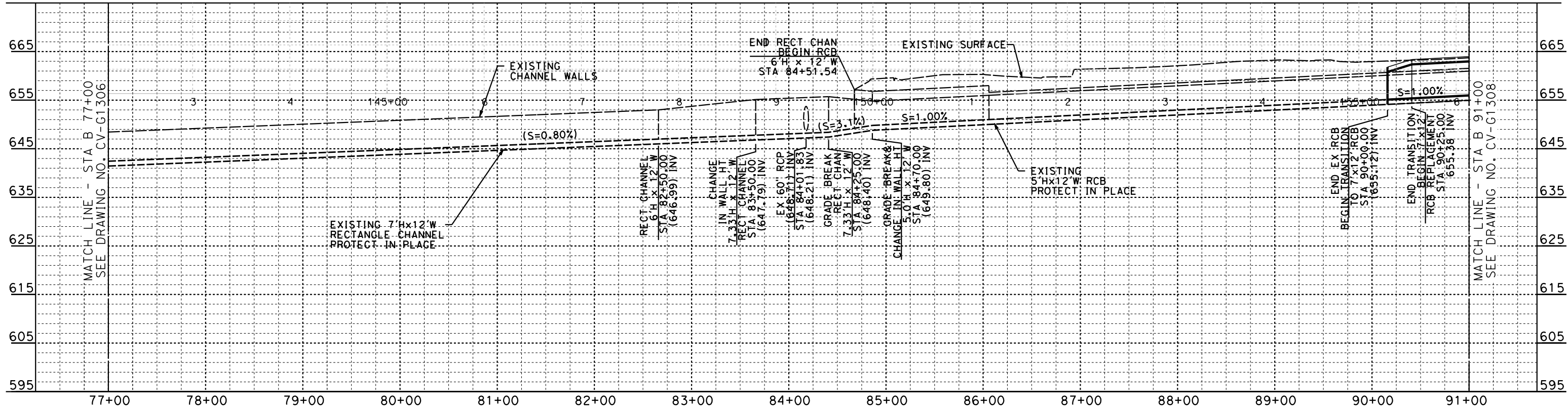
PEPD
GRADING AND DRAINAGE - LOCKHEED CHANNEL RELOCATION
SD 63+00 TO SD 77+00

CONTRACT NO.
HSR14-39
DRAWING NO.
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SCALE
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SHEET NO.

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PROFILE

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FOR INTERNAL USE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
L. VALDIVIA
DRAWN BY
J. CANDELARIO
CHECKED BY
C. ADAMS
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

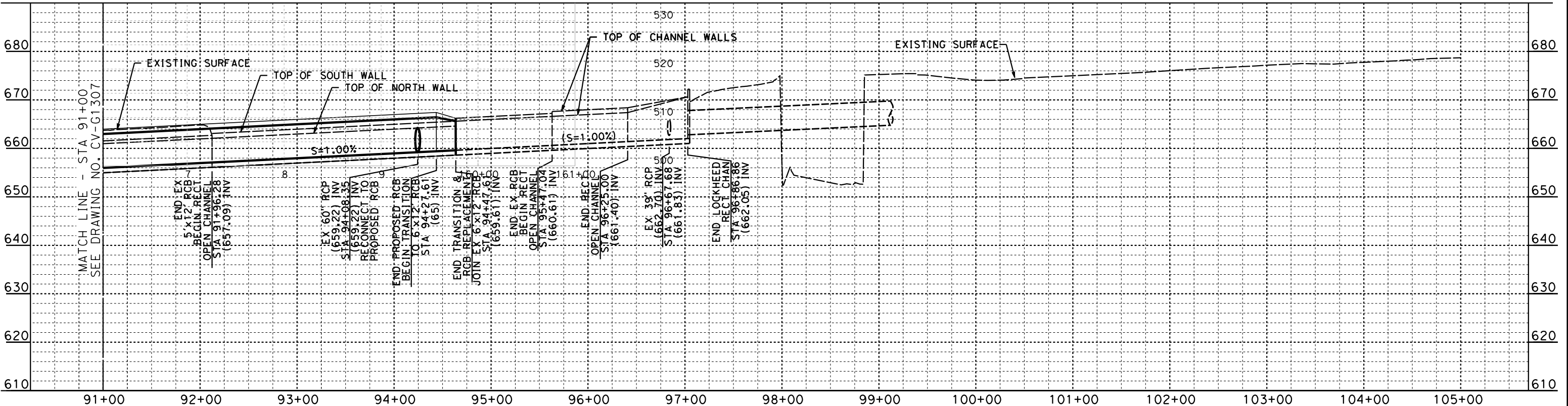
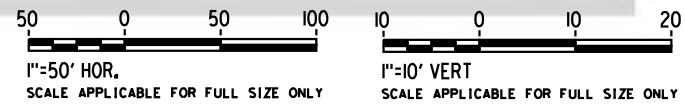
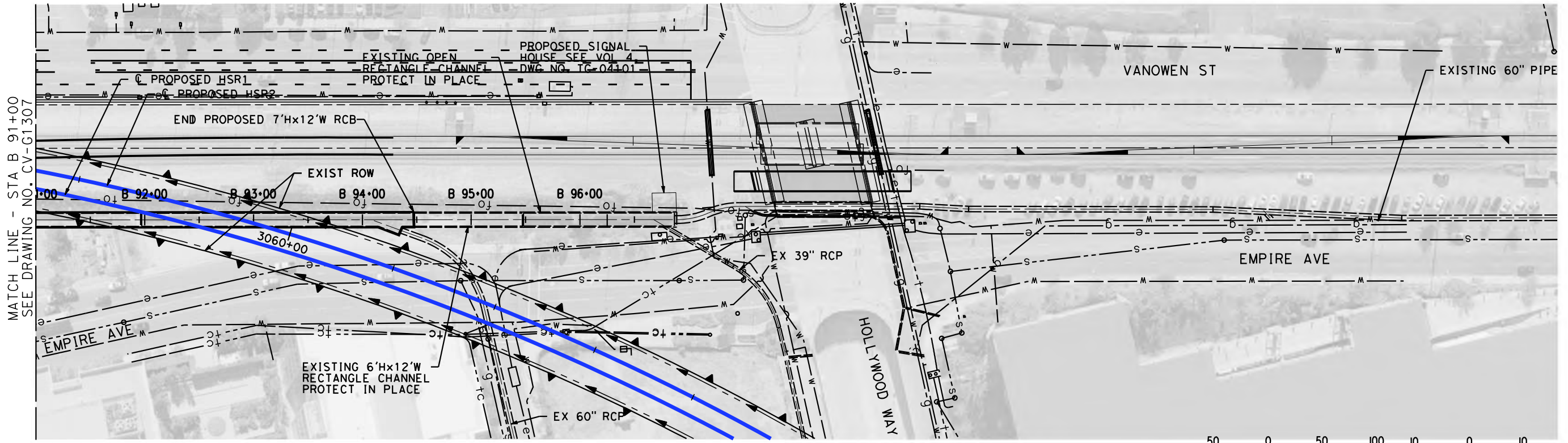
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
GRADING AND DRAINAGE - LOCKHEED CHANNEL RELOCATION
SD 77+00 TO SD 91+00

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1307
SCALE
AS SHOWN
SHEET NO.



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5/2/2019 7:41:25 AM c:\j\p\pwworkdir\haynesma\d0137195\k2l-cv-g1308.sht

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
L. VALDIVIA

DRAWN BY
J. CANDELARIO

CHECKED BY
C. ADAMS

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT

BURBANK TO LOS ANGELES

PEPD

GRADING AND DRAINAGE - LOCKHEED CHANNEL RELOCATION

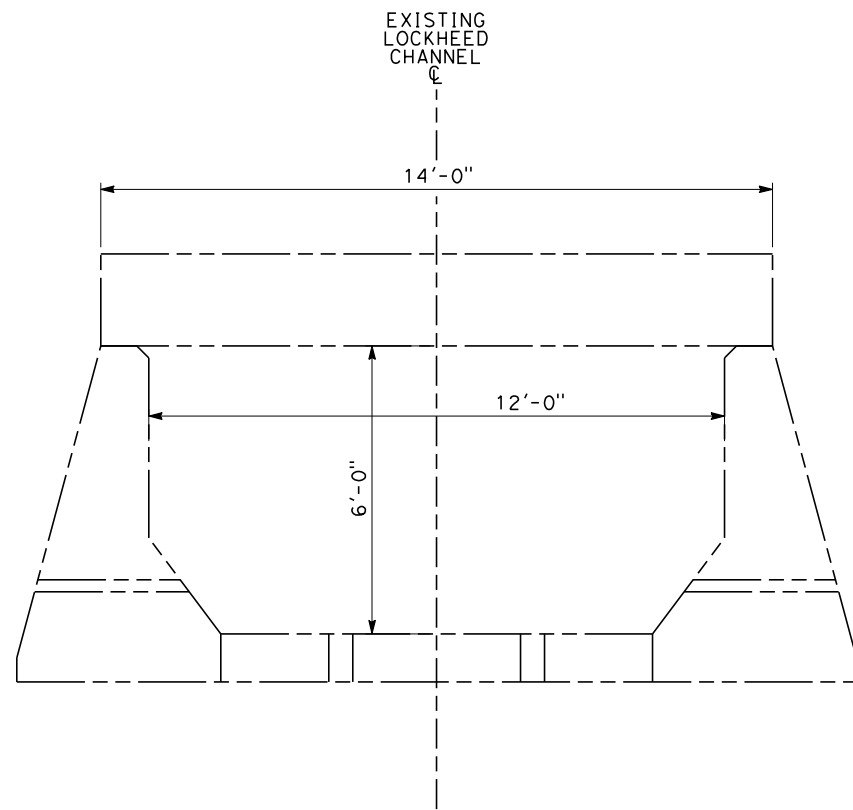
SD 91+00 TO SD 105+00

CONTRACT NO.
HSR14-39

DRAWING NO.
CV-G1308

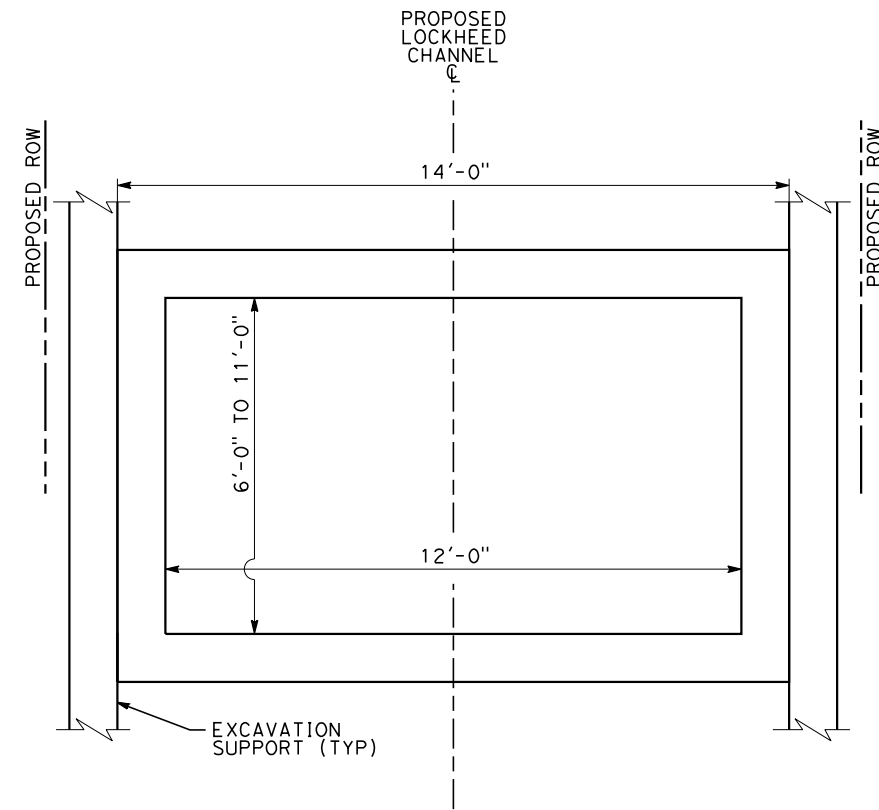
SCALE
AS SHOWN

SHEET NO.



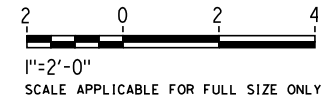
SECTION A-A
SCALE: 1"=2'-0"

EXISTING CHANNEL CROSS SECTION



SECTION B-B
SCALE: 1"=2'-0"

PROPOSED CHANNEL CROSS SECTION



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4/30/2019 11:37:57 AM c:\jip\pwork\dir\haynesma\d0137195\k2l-ST-B3321.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI

DRAWN BY
P. ZUCCHI

CHECKED BY
K. PIRBAZARI

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

**PEPD
RECORD SET**

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CONSTRUCTION**



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

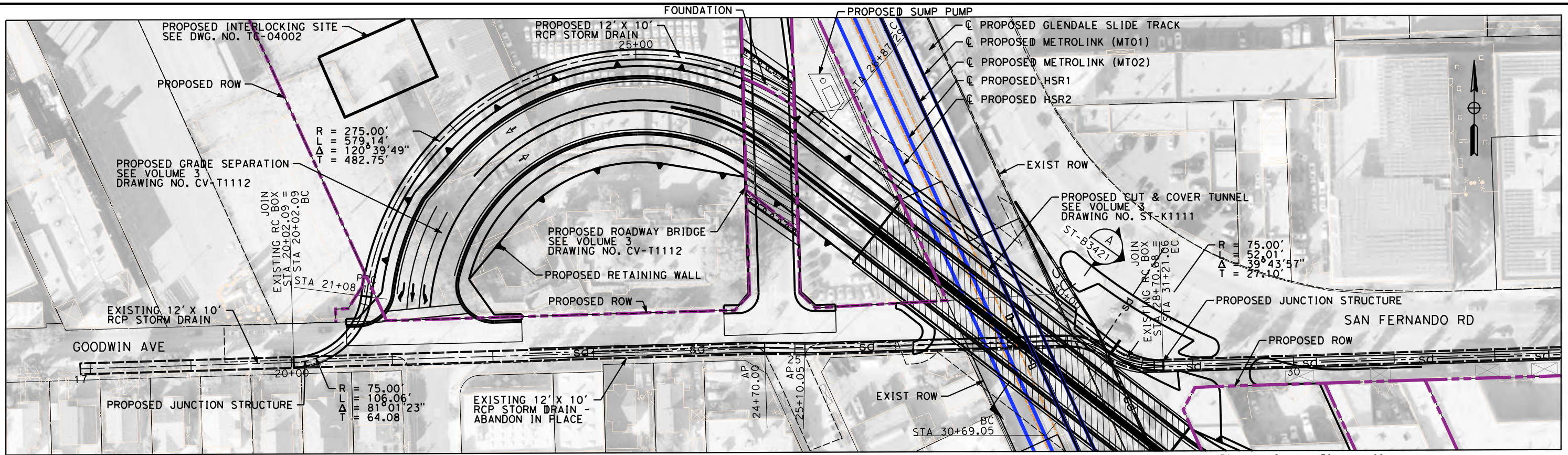
PEPD
LOCKHEED CHANNEL MODIFICATIONS
CROSS SECTIONS

CONTRACT NO.
HSR14-39

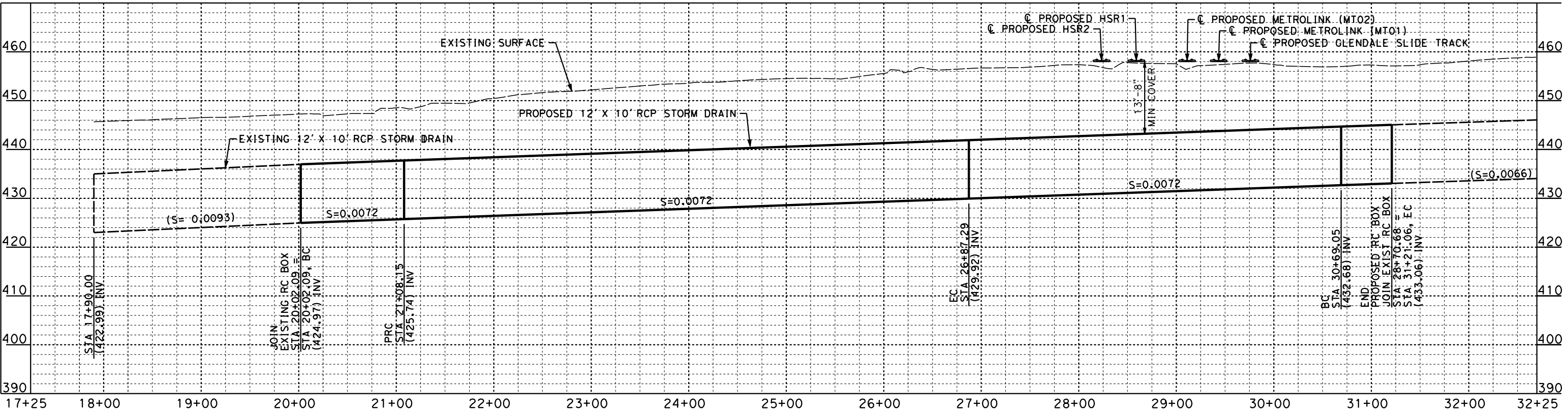
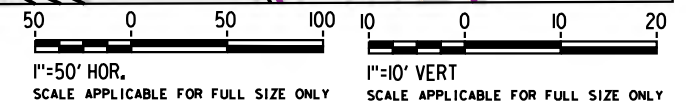
DRAWING NO.
ST-B3101

SCALE
AS SHOWN

SHEET NO.



PLAN



PROFILE

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4/30/2019 11:38:57 AM c:\jip\pwworkdir\haynesma\d0137195\K2L-CV-G1400.sht

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
L. VALDIVIA
DRAWN BY
E. BANEZ
CHECKED BY
C. LEE
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

NOT FOR CONSTRUCTION

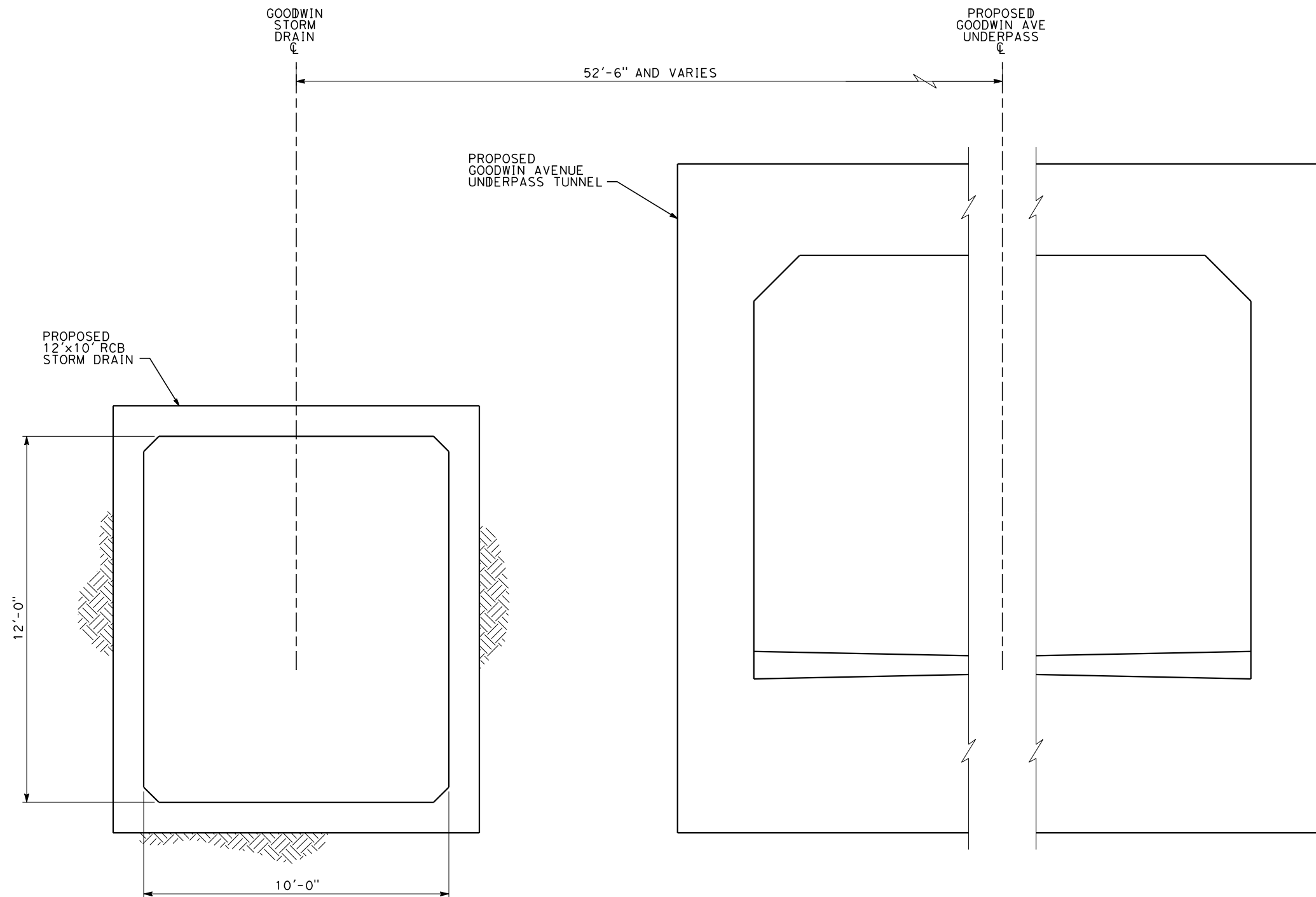


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
GRADING AND DRAINAGE - PROPOSED GOODWIN AVE
STORM DRAIN REALIGNMENT - SHEET 1 OF 1

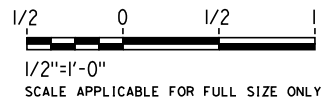
CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G1400
SCALE
AS SHOWN
SHEET NO.

4/30/2019 11:39:07 AM c:\jip\pwworkdir\haynesma\d0137195\k2l-ST-B3421.dgn



SECTION A-A
SCALE: 1/2"=1'-0"

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FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HAGHIGHI
DRAWN BY
P. ZUCCHI
CHECKED BY
K. PIRBAZARI
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



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

PEPD
GOODWIN AVE STORM DRAIN
REALIGNMENT PLAN - CROSS SECTIONS

CONTRACT NO.
HSR14-39
DRAWING NO.
ST-B3421
SCALE
AS SHOWN
SHEET NO.

4/30/2019 11:39:54 AM c:\j\p\pwworkdir\haynesma\d0137195\k2l-cv-66101.dgn

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3108+00	2274.9	0	0	0	
3109+00	2147.6	0	8189.8	0	
3110+00	2026.7	0	7730.2	0	
3111+00	1884.8	0	7243.5	0	
3112+00	1774.9	0	6777.2	0	
3113+00	1653	0	6348	0	
3114+00	1531.7	0	5897.6	0	
3115+00	1419.2	0	5464.6	0	
3116+00	1309.3	0	5052.8	0	
3117+00	1202.6	0	4651.7	0	
3118+00	1099.5	0	4263.1	0	
3119+00	988.2	0	3866.1	0	
3120+00	881.6	0	3462.6	0	
3121+00	764.9	0	3049.1	0	
3122+00	637.9	0	2597.8	0	
3123+00	541.7	0	2184.4	0	
3124+00	428.5	0	1796.7	0	
3125+00	321.2	0	1388.3	0	
3126+00	214.7	0	992.4	0	
3127+00	114.9	0	610.4	0	
3128+00	53	5.9	310.9	10.9	
3129+00	9.9	39.6	116.5	84.3	
3130+00	0	105.1	18.3	268	
3131+00	0	156.2	0	483.9	
3132+00	0	198.2	0	656.3	
3133+00	0	197.4	0	732.6	
3134+00	0	180.1	0	699.1	
3135+00	0	378.7	0	1034.8	
3136+00	0	730	0	2053.1	
3137+00	0	0	0	1351.9	
3138+00	0	0	0	0	
3139+00	0	184.9	0	342.4	
3140+00	0	112.5	0	550.7	
3141+00	0	88.9	0	373	
3142+00	0	115.2	0	378	
3143+00	0	27.3	0	263.9	
3144+00	37.4	0	69.3	50.6	
3145+00	79.3	0	216.1	0	
3146+00	119.4	0	368	0	
3147+00	174.2	0	543.7	0	
3148+00	230.3	81.1	749.1	150.2	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3149+00	160	99.8	722.8	335	
3150+00	61	146.1	409.3	455.4	
3151+00	89.5	174.3	278.7	593.3	
3152+00	68.4	211	292.4	713.5	
3153+00	26.2	427.3	175.2	1182	
3154+00	144.3	18.8	315.7	826.1	
3155+00	171.4	0	584.6	34.8	
3156+00	159.6	0	613	0	
3157+00	120.8	0	519.3	0	
3158+00	92.8	0	395.6	0	
3159+00	75.9	0	312.4	0	
3160+00	79.7	0	288.1	0	
3161+00	92.4	0	318.7	0	
3162+00	81.8	0	322.6	0	
3163+00	67.5	1.7	276.5	3.1	
3164+00	91.4	0	294.3	3.1	
3165+00	121.5	0	394.3	0	
3166+00	150	0	502.8	0	
3167+00	178.7	0	608.7	0	
3168+00	162.3	0	631.5	0	
3169+00	182.3	0	638.1	0	
3170+00	0	0	337.6	0	
3171+00	334	0	618.5	0	
3172+00	273.9	0	1125.7	0	
3173+00	189.5	0	858.1	0	
3174+00	193.8	0	709.8	0	
3175+00	262.3	0	844.6	0	
3176+00	233.3	0	917.8	0	
3177+00	241.3	0	878.9	0	
3178+00	216.4	0	847.6	0	
3179+00	195.8	0	763.3	0	
3180+00	196.9	0	727.2	0	
3181+00	204.5	0	743.3	0	
3182+00	246.5	0	835.2	0	
3183+00	301.3	0	1014.4	0	
3184+00	383.5	0	1268.1	0	
3185+00	313.3	0	1290.4	0	
3186+00	269.4	0	1079.1	0	
3187+00	335.9	0	1120.9	0	
3188+00	240.2	1.9	1066.9	3.5	
3189+00	315.8	0	1029.6	3.5	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3190+00	261.2	9.5	1068.5	17.6	
3191+00	291.2	0	1023	17.6	
3192+00	297.3	23.1	1089.8	42.8	
3193+00	350	2.7	1198.7	47.8	
3194+00	391.5	0	1373.1	5	
3195+00	496.6	0	1644.6	0	
3196+00	440.2	0	1734.8	0	
3197+00	416.2	0	1585.9	0	
3198+00	402.8	0	1516.7	0	
3199+00	506.7	0	1684.3	0	
3200+00	513.9	0	1890	0	
3201+00	522.1	0	1918.5	0	
3202+00	533.5	0	1954.8	0	
3203+00	449.9	0	1821.1	0	
3204+00	411.3	0	1594.8	0	
3205+00	377.4	0	1460.6	0	
3206+00	323.5	0	1298	0	
3207+00	263.3	0.2	1086.7	0.4	
3208+00	192.5	2.5	844.1	5	
3209+00	137.2	7.3	610.6	18.1	
3210+00	70.3	15.8	384.3	42.8	
3211+00	32.9	22.4	191.1	70.7	
3212+00	16.6	48.7	91.7	131.7	
3213+00	0	100	30.7	275.4	
3214+00	0	158.1	0	478	
3215+00	0	200.4	0	663.9	
3216+00	0	229.5	0	796.1	
3217+00	0	237.1	0	864.1	
3218+00	0	240.7	0	884.8	
3219+00	0	257	0	921.7	
3220+00	0	271.4	0	978.5	
3221+00	0	275.7	0	1013.1	
3222+00	0	329.9	0	1121.5	
3223+00	0	345.3	0	1250.4	
3224+00	0	368.4	0	1321.7	
3225+00	0	395.3	0	1414.3	
3226+00	0	393.2	0	1460.2	
3227+00	0	392.1	0	1454.3	
3228+00	0	388.1	0	1444.8	
3229+00	0	375.7	0	1414.4	
3230+00	0	367.9	0	1377	
3231+00	0	378.2	0	1381.7	

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



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

PEPD
EARTHWORK QUANTITIES
SHEET 1 OF 6

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G6101
SCALE
NO SCALE
SHEET NO.

4/30/2019 11:39:58 AM c:\j\p\pwworkdir\haynesma\d0137195\k21-CV-66102.dgn

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3232+00	0	369.8	0	1385.2	RETAINED FILL
3233+00	0	347.7	0	1328.7	
3234+00	0	243.2	0	1094.3	
3235+00	0	255.1	0	922.8	
3236+00	0	288.8	0	1007.2	
3237+00	0	271.8	0	1038.1	
3238+00	0	225.4	0	920.7	
3239+00	0	204.6	0	796.3	
3240+00	0	148.3	0	653.5	
3241+00	1.6	109	3	476.5	
3242+00	12.8	100	26.7	387	
3243+00	31.6	77	82.2	327.8	
3244+00	59.2	57.8	168.1	249.6	
3245+00	109.5	38.4	312.4	178.1	
3246+00	136.6	11.2	455.7	91.9	
3247+00	194.2	0	612.6	20.7	
3248+00	233.4	0	791.9	0	
3249+00	270.2	0	932.6	0	
3250+00	302.2	0	1060	0	
3251+00	226	1.1	978.1	2	
3252+00	166.2	3.7	726.3	8.9	
3253+00	106	37.3	504.1	75.9	
3254+00	69.9	54.6	325.7	170.2	
3255+00	4.1	146.2	137	371.9	
3256+00	0	287	7.6	802.2	
3257+00	0	448.2	0	1361.5	
3258+00	0	609.2	0	1958.1	
3259+00	0	788.6	0	2588.5	
3260+00	0	942.8	0	3206.3	
3261+00	0	1085.8	0	3756.7	
3262+00	0	1222.2	0	4274.1	
3263+00	0	1368.5	0	4797.6	
3264+00	0	1510	0	5330.6	
3265+00	0	0	0	2796.3	
3266+00	0	0	0	0	
3267+00	0	1984.4	0	3674.8	
3268+00	0	2113.4	0	7588.5	
3269+00	0	2247.9	0	8076.5	
3270+00	0	2379.4	0	8569.1	
3271+00	0	2495.5	0	9027.6	
3272+00	0	2596.3	0	9429.3	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3273+00	0	2665.5	0	9744.1	RETAINED FILL
3274+00	0	2714.2	0	9962.4	
3275+00	0	2753.4	0	10125.2	
3276+00	0	2739.2	0	10171.5	
3277+00	0	2786.6	0	10233	
3278+00	0	2809.2	0	10362.6	
3279+00	0	2781.3	0	10352.8	
3280+00	0	2716.4	0	10180.9	
3281+00	0	2650.4	0	9938.5	
3282+00	0	2609.2	0	9740	
3283+00	0	2555.1	0	9563.5	
3284+00	0	2494.7	0	9351.5	
3285+00	0	2407.9	0	9078.9	
3286+00	0	2335	0	8783.1	
3287+00	0	2269.6	0	8527	
3288+00	0	0	0	4203	
3289+00	0	0	0	0	
3290+00	0	2012	0	3725.9	
3291+00	0	1996.3	0	7422.8	
3292+00	0	1938.5	0	7286.7	
3293+00	0	1871.8	0	7056.1	
3294+00	0	1820.9	0	6838.3	
3295+00	0	1765.1	0	6640.7	
3296+00	0	1708.2	0	6432	
3297+00	0	1646.6	0	6212.6	
3298+00	0	1569.1	0	5955	
3299+00	0	1468.6	0	5625.4	
3300+00	0	1390	0	5293.7	
3301+00	0	0	0	2574.1	
3302+00	0	0	0	0	
3303+00	0	1182.5	0	2189.8	
3304+00	0	1152.5	0	4324.1	
3305+00	0	1066.9	0	4110	
3306+00	0	975.1	0	3781.5	
3307+00	0	887.3	0	3448.9	
3308+00	0	811.2	0	3145.4	
3309+00	0	749.2	0	2889.6	
3310+00	0	669	0	2626.3	
3311+00	0	577.2	0	2307.8	
3312+00	0	492.8	0	1981.5	
3313+00	0	429.5	0	1708	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3314+00	0	353.1	0	1449.3	RETAINED FILL
3315+00	0	280.9	0	1174.1	
3316+00	0	211.7	0	912.2	
3317+00	0	170.3	0	707.4	
3318+00	0	71.7	0	448.1	VERBUGO WASH
3319+00	20.8	40.6	38.5	208	
3320+00	0	0	38.5	75.2	AT-GRADE
3321+00	153.4	0	284.1	0	
3322+00	223.9	0	698.7	0	
3323+00	290.8	0	953.1	0	
3324+00	360.7	0	1206.5	0	
3325+00	400.1	0	1408.9	0	
3326+00	430.3	0	1537.8	0	
3327+00	435.5	0	1603.3	0	
3328+00	364	0	1480.6	0	
3329+00	380.4	0	1378.5	0	
3330+00	459.1	0	1554.6	0	
3331+00	499.9	0	1775.9	0	
3332+00	513.8	0	1877.2	0	
3333+00	523.3	0	1920.6	0	
3334+00	535.7	0	1961.1	0	
3335+00	564.7	0	2037.8	0	
3336+00	562.6	0	2087.6	0	
3337+00	568.3	0	2094.3	0	
3338+00	602	0	2167.2	0	
3339+00	638.1	0	2296.5	0	
3340+00	683.4	0	2447.2	0	
3341+00	664.4	0	2495.9	0	
3342+00	640.5	0	2416.5	0	
3343+00	665.4	0	2418.3	0	
3344+00	669.5	0	2472	0	
3345+00	652	0	2447.2	0	
3346+00	489.2	0	2113.3	0	
3347+00	618.9	0	2052	0	
3348+00	629.7	0	2312.2	0	
3349+00	655.7	0	2380.4	0	
3350+00	638.9	0	2397.4	0	
3351+00	683.5	0	2448.9	0	
3352+00	618.7	0	2411.5	0	
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3354+00	562.7	0	2120.6	0	

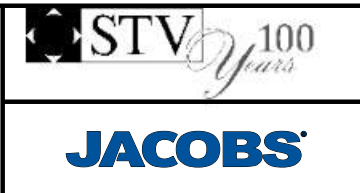
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



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

PEPD
EARTHWORK QUANTITIES
SHEET 2 OF 6

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G6102
SCALE
NO SCALE
SHEET NO.

4/30/2019 11:40:02 AM c:\j\p\pwworkdir\haynesma\d0137195\k21-CV-66103.dgn

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3355+00	527.9	0	2019.6	0	AT-GRADE
3356+00	523.3	0	1946.7	0	
3357+00	515.8	0	1924.3	0	
3358+00	501.8	0	1884.4	0	
3359+00	468	0	1795.9	0	
3360+00	427.9	0	1659.1	0	
3361+00	400.9	0	1534.8	0	
3362+00	341.6	0	1375	0	
3363+00	254.7	0	1104.3	0	
3364+00	135.1	0	721.9	0	
3365+00	42.1	34.7	328.1	64.3	
3366+00	7.9	85.1	92.6	221.9	
3367+00	1.3	135.4	17	408.3	
3368+00	0	172	2.4	569.3	
3369+00	0	170.8	0	634.8	
3370+00	0	143.5	0	582	
3371+00	0	0	0	265.7	
3372+00	0	185.1	0	342.8	
3373+00	0	173.2	0	663.5	
3374+00	0	147.5	0	593.9	
3375+00	8.1	111.9	15	480.4	
3376+00	31.4	73.5	73.1	343.3	
3377+00	50.7	40.4	152	210.9	
3378+00	72.1	26.4	227.4	123.7	
3379+00	74.9	18.6	272.2	83.3	
3380+00	84.6	8.6	295.4	50.4	
3381+00	114.6	5.7	368.9	26.5	
3382+00	162.7	0.5	513.5	11.5	
3383+00	298.1	0	853.3	0.9	
3384+00	225.7	0	970	0	
3385+00	217.8	0	821.3	0	
3386+00	224.7	0	819.4	0	
3387+00	251.4	0	881.7	0	
3388+00	252	0	932.2	0	
3389+00	230.8	0	894.1	0	
3390+00	0	0	427.4	0	
3391+00	247.6	0	458.5	0	
3392+00	251.1	0	923.5	0	
3393+00	189.9	0	816.7	0	
3394+00	187.3	0	698.5	0	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3395+00	163.5	0	649.6	0	AT-GRADE
3396+00	121.9	5.5	528.5	10.2	
3397+00	75.1	29.5	364.8	64.8	
3398+00	103.4	17	330.6	86.1	
3399+00	150.6	24.2	470.4	76.3	
3400+00	161.4	31.1	577.8	102.4	
3401+00	149.6	30.8	575.9	114.6	
3402+00	134	20	525.2	94.1	
3403+00	120.1	9.1	470.6	53.9	
3404+00	150.3	0.7	500.7	18.1	
3405+00	140.6	0	538.7	1.3	
3406+00	134.1	0	508.7	0	
3407+00	167.4	0	558.3	0	
3408+00	179.2	0	641.9	0	
3409+00	205.4	0	712.2	0	
3410+00	226.2	0	799.3	0	
3411+00	186.2	0	763.7	0	
3412+00	165.2	0	650.7	0	
3413+00	140.2	0	565.6	0	
3414+00	112.6	0	468.1	0	
3415+00	123.1	0	436.5	0	
3416+00	102.2	0	417.2	0	
3417+00	99.1	0	372.8	0	
3418+00	66.5	7.3	306.7	13.5	
3419+00	60.9	7.5	235.9	27.4	
3420+00	58.3	1.8	220.7	17.2	
3421+00	55.1	1	210	5.2	
3422+00	20.4	9.4	139.8	19.3	
3423+00	3.3	33.9	43.9	80.2	
3424+00	0.4	51	6.9	157.2	
3425+00	1.9	55.5	4.3	197.2	
3426+00	5	37.2	12.8	171.7	
3427+00	4.9	44.6	18.3	151.5	
3428+00	3.7	55.3	15.9	185	
3429+00	4.5	54.9	15.2	204.1	
3430+00	0	0	8.3	101.7	
3431+00	3	437.6	5.6	810.4	
3432+00	2.1	65.9	9.4	932.4	
3433+00	3.5	85.7	10.4	280.7	
3434+00	0	77.7	6.5	302.6	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3435+00	0	114.7	0	356.3	AT-GRADE
3436+00	0	109.8	0	415.7	
3437+00	0	115	0	416.3	
3438+00	0	89.6	0	378.9	
3439+00	0	53.7	0	265.4	
3440+00	0	44.5	0	181.9	
3441+00	0	43	0	162	
3442+00	0	29.5	0	134.3	
3443+00	0	27.1	0	104.8	
3444+00	0	18.6	0	84.6	
3445+00	0	35.9	0	100.9	
3446+00	0	19.2	0	102	
3447+00	0	26.9	0	85.4	
3448+00	0	51	0	144.3	
3449+00	0	53.3	0	193.1	
3450+00	76	18.7	140.7	133.3	
3451+00	92.7	0	312.4	34.6	
3452+00	119.1	0	392.2	0	
3453+00	145.8	0	490.6	0	
3454+00	175.3	0	594.6	0	
3455+00	0	0	324.6	0	
3456+00	217.5	0	402.8	0	
3457+00	227	0	823.1	0	
3458+00	273.9	0	927.6	0	
3459+00	311.5	0	1084.1	0	
3460+00	356.3	0	1236.7	0	
3461+00	398.8	0	1398.3	0	
3462+00	410.6	0	1498.9	0	
3463+00	435.7	0	1567.2	0	
3464+00	456.7	0	1652.6	0	
3465+00	477.5	0	1730	0	
3466+00	488.6	0	1789.1	0	
3467+00	496.2	0	1823.7	0	
3468+00	464	0	1778.1	0	
3469+00	453.8	0	1699.6	0	
3470+00	445.7	0	1665.7	0	
3471+00	474.6	0	1704.3	0	
3472+00	475.6	0	1759.6	0	
3473+00	468.1	0	1747.6	0	
3474+00	450.7	0	1701.5	0	

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
EARTHWORK QUANTITIES
SHEET 3 OF 6

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G6103
SCALE
NO SCALE
SHEET NO.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

4/30/2019 11:40:06 AM c:\j\p\pwworkdir\haynesma\d0137195\k2L-CV-66104.dgn

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3475+00	434.2	0	1638.7	0	
3476+00	412.1	0	1567.2	0	
3477+00	398.8	0	1501.7	0	
3478+00	361.4	0	1407.8	0	
3479+00	343.7	0	1305.7	0	
3480+00	340.4	0	1266.9	0	
3481+00	235.8	0	1067	0	
3482+00	217.8	0	840	0	
3483+00	207.7	0	788	0	
3484+00	212.8	0	778.7	0	
3485+00	223.8	0	808.5	0	
3486+00	223.4	0	828.1	0	
3487+00	231.7	0	842.8	0	
3488+00	208.1	0	814.4	0	
3489+00	206.8	0	768.3	0	
3490+00	185.6	0	726.7	0	
3491+00	180.5	0	678	0	
3492+00	204.6	0	713.1	0	
3493+00	237.7	0	819.1	0	
3494+00	226.6	0	859.8	0	
3495+00	229.6	0	844.8	0	
3496+00	221.2	0	834.8	0	FLETCHER DR
3497+00	225.7	0	827.6	0	
3498+00	226.5	0	837.4	0	
3499+00	218	0	823.1	0	
3500+00	212.5	0	797.2	0	
3501+00	223.2	0	806.9	0	
3502+00	0	0	413.3	0	SR-2 GLENDALE FREEWAY
3503+00	0	0	0	0	
3504+00	214.6	0	397.4	0	
3505+00	247	0	854.8	0	
3506+00	287.6	0	990	0	
3507+00	292.8	0	1074.8	0	
3508+00	307.6	0	1111.9	0	
3509+00	322.4	0	1166.7	0	
3510+00	324.7	0	1198.3	0	
3511+00	323.9	0	1201.1	0	
3512+00	306.9	0	1168.1	0	
3513+00	307	0	1136.9	0	
3514+00	297.5	0	1119.4	0	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3515+00	311.4	0	1127.6	0	
3516+00	299.3	0	1130.9	0	
3517+00	278.1	0	1069.3	0	
3518+00	247.8	0	973.9	0	
3519+00	234.6	0	893.3	0	
3520+00	215.8	0	834.1	0	
3521+00	193.8	0	758.5	0	
3522+00	176.6	0	685.9	0	
3523+00	181.5	0	663.1	0	
3524+00	208.1	0	721.5	0	
3525+00	210.9	0	775.9	0	
3526+00	191.7	0	745.6	0	
3527+00	190.6	0	708	0	
3528+00	182.3	0	690.6	0	
3529+00	184.7	0	679.6	0	
3530+00	191.4	0	696.5	0	
3531+00	186.2	0	699.3	0	
3532+00	179	0	676.3	0	
3533+00	162.2	0	631.9	0	
3534+00	121.3	5.5	525	10.2	AT-GRADE
3535+00	113.9	44.7	435.6	93	
3536+00	122.1	25.4	437	129.8	
3537+00	106.3	16.1	423	76.9	
3538+00	121	0.2	420.9	30.2	
3539+00	90.1	23	390.9	43	
3540+00	75.1	33.9	305.9	105.4	
3541+00	68.7	25.3	266.3	109.6	
3542+00	82.3	3	279.6	52.4	
3543+00	130.7	0	394.4	5.6	
3544+00	85.1	2.1	399.6	3.9	
3545+00	161.3	4.4	456.3	12	
3546+00	55	13	400.6	32.2	
3547+00	57.3	16.1	208	53.9	
3548+00	71.7	9.7	238.9	47.8	
3549+00	95.9	2.5	310.4	22.6	
3550+00	100.9	3.6	364.4	11.3	
3551+00	92.9	10.4	358.9	25.9	
3552+00	101.9	7.7	360.7	33.5	
3553+00	115.9	7.7	403.3	28.5	
3554+00	99.3	15.3	398.5	42.6	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3555+00	120	11.3	406.1	49.3	
3556+00	107.8	26.8	421.9	70.6	
3557+00	118.6	39.9	419.3	123.5	
3558+00	130.6	23.8	461.5	118	
3559+00	134.2	9.9	490.4	62.4	
3560+00	178.4	0	578.9	18.3	
3561+00	147	24	602.6	44.4	
3562+00	158.9	24.8	566.5	90.4	AT-GRADE
3563+00	153	41.3	577.6	122.4	
3564+00	160.3	38	580.2	146.9	
3565+00	153.9	49.7	581.9	162.4	
3566+00	166.8	42.8	593.9	171.3	
3567+00	179.7	39.6	641.7	152.6	
3568+00	196	44.1	695.7	155	
3569+00	166.9	50.4	672	175	
3570+00	197.7	19	675.2	128.5	
3571+00	0	0	366.1	0	ACCESS RD
3572+00	263.9	0	488.7	0	
3573+00	282.7	0	1012.2	0	
3574+00	275	0	1032.8	0	
3575+00	289.7	0	1045.7	0	
3576+00	321.8	0	1132.4	0	
3577+00	365.9	0	1273.5	0	AT-GRADE
3578+00	347.2	0	1320.6	0	
3579+00	216.5	0	1043.9	0	
3580+00	223	0	813.9	0	
3581+00	224.5	0	828.7	0	
3582+00	219.1	0	821.5	0	
3583+00	204.6	0	784.6	0	
3584+00	0	0	378.9	0	TAYLOR YARD UNDERPASS
3585+00	0	0	0	0	
3586+00	75.3	0	139.4	0	
3587+00	85.1	0	297	0	
3588+00	91.3	0	326.7	0	
3589+00	85.6	0	327.6	0	
3590+00	98.8	0	341.5	0	
3591+00	101.8	0	371.5	0	AT-GRADE
3592+00	96.5	0	367.2	0	
3593+00	99.2	0	362.4	0	
3594+00	119.6	0	405.2	0	

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

**NOT FOR
CONSTRUCTION**



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

PEPD
EARTHWORK QUANTITIES
SHEET 4 OF 6

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G6104
SCALE
NO SCALE
SHEET NO.

4/30/2019 11:40:11 AM c:\j\p\pwworkdir\haynesma\d0137195\k2L-CV-66105.dgn

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3595+00	145.2	0	490.4	0	
3596+00	154.1	0	554.3	0	
3597+00	162.4	0	586.1	0	
3598+00	178.9	0	632	0	
3599+00	184.5	0	673	0	
3600+00	189.1	0	691.9	0	
3601+00	199.6	0	719.8	0	
3602+00	208.9	0	756.5	0	
3603+00	220.1	0	794.4	0	
3604+00	236	0	844.6	0	
3605+00	233.1	0	868.7	0	
3606+00	212.6	0	825.4	0	
3607+00	129	0	632.6	0	
3608+00	43.7	0	319.8	0	
3609+00	62.1	0	195.9	0	
3610+00	145	0	383.5	0	
3611+00	165.6	0	575.2	0	
3612+00	161.9	0	606.5	0	
3613+00	163.2	0	602	0	
3614+00	167.7	0	612.8	0	
3615+00	168.1	0	621.9	0	
3616+00	171.4	0	628.7	0	
3617+00	193.6	0	675.9	0	
3618+00	225.4	0	775.9	0	
3619+00	251.2	0	882.6	0	
3620+00	236.1	0	902.4	0	
3621+00	239.3	0	880.4	0	
3622+00	244.7	0	896.3	0	
3623+00	250	0	916.1	0	
3624+00	248.1	0	922.4	0	
3625+00	223.3	0	873	0	
3626+00	230.2	0	839.8	0	
3627+00	187.4	0	773.3	0	
3628+00	160.5	0	644.3	0	
3629+00	130.1	0	538.1	0	
3630+00	122.2	0	467.2	0	
3631+00	128.5	0	464.3	0	
3632+00	134.3	0	486.7	0	
3633+00	136.6	0	501.7	0	
3634+00	136.2	0	505.2	0	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3635+00	0	0	252.2	0	
3636+00	0	0	0	0	
3637+00	0	0	0	0	
3638+00	0	0	0	0	
3639+00	0	0	0	0	
3640+00	140.1	0	259.4	0	
3641+00	142.9	0	524.1	0	
3642+00	143.5	0	530.4	0	
3643+00	125.7	0	498.5	0	
3644+00	109	0	434.6	0	
3645+00	103.3	0	393.1	0	
3646+00	90.6	0	359.1	0	
3647+00	96.4	0	346.3	0	
3648+00	106.2	0	375.2	0	
3649+00	103.8	0	388.9	0	
3650+00	108	0	392.2	0	
3651+00	113.5	0	410.2	0	
3652+00	122.8	0	437.6	0	
3653+00	132.2	0	472.2	0	
3654+00	149.6	0	521.9	0	
3655+00	164.5	0	581.7	0	
3656+00	163.6	0	607.6	0	
3657+00	152.3	0	585	0	
3658+00	144.4	0	549.4	0	
3659+00	130	0	508.1	0	
3660+00	131.1	0	483.5	0	
3661+00	140.6	0	503.1	0	
3662+00	151.4	0	540.7	0	
3663+00	151.3	0	560.6	0	
3664+00	0	0	280.2	0	
3665+00	215.2	0	398.5	0	
3666+00	195.2	0	760	0	
3667+00	203.8	0	738.9	0	
3668+00	211.9	0	769.8	0	
3669+00	194.9	0	753.3	0	
3670+00	162.7	0	662.2	0	
3671+00	139.8	0	560.2	0	
3672+00	132.5	0	504.3	0	
3673+00	147.7	0	518.9	0	
3674+00	145.5	0	543	0	

HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3675+00	141.8	0	532	0	
3676+00	144	0	529.3	0	
3677+00	157.8	0	558.9	0	
3678+00	153.8	0	577	0	
3679+00	148.9	0	560.6	0	
3680+00	134.6	0	525	0	
3681+00	110	0	453	0	
3682+00	92.1	0	374.3	0	
3683+00	86.6	0	330.9	0	
3684+00	103.4	0	351.9	0	
3685+00	50.2	0	284.4	0	
3686+00	28.4	0	145.6	0	
3687+00	15.1	0	80.6	0	
3688+00	21.4	1	67.6	1.9	
3689+00	8.1	4.4	54.6	10	
3690+00	3.7	3.2	21.9	14.1	
TOTAL			419299.9	398203.5	

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
EARTHWORK QUANTITIES
SHEET 5 OF 6

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G6105
SCALE
NO SCALE
SHEET NO.

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CUT AND COVER				
HSR STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')
3090+00 TO 3108+00	3321	1672	221430	111430

METROLINK VENTURA STATION	CUT AREA (ft')	FILL AREA (ft')	CUT VOLUME (yd')	FILL VOLUME (yd')	NOTES
3249+00	116.6	0	215.9	0	
3250+00	117.9	0	434.3	0	
3251+00	120.3	0	441.1	0	
3252+00	117.5	0	440.3	0	
3253+00	114.8	0	430.1	0	
3254+00	114.8	0	425.2	0	
3255+00	112.2	0	420.3	0	
3256+00	112.7	0	416.4	0	
3257+00	105.9	0	404.8	0	
3258+00	94.5	0	371.1	0	
3259+00	85.6	0	333.4	0	
3260+00	79.1	0	305	0	
3261+00	77.8	0	290.7	0	
3262+00	61.3	0	257.6	0	
3263+00	51.9	0	209.5	0	
3264+00	53.3	0	194.8	0	
3265+00	53.3	0	197.4	0	
3266+00	75	0	237.6	0	
3267+00	66.2	0	261.5	0	
3268+00	57.9	0	229.8	0	
3269+00	63	0	223.9	0	
3270+00	67.7	0	241.9	0	
3271+00	71.5	0	257.6	0	
3272+00	77.1	0	275.1	0	
3273+00	86	0	302	0	
3274+00	98.1	0	341	0	
3275+00	120.6	0	405.2	0	
3276+00	90.4	0	390.8	0	
3277+00	89.5	0	333.2	0	
3278+00	91.3	0	334.9	0	
3279+00	72.2	0	302.8	0	
3280+00	82.1	0	285.7	0	
3281+00	69.9	0	281.4	0	
3282+00	70	0	259.1	0	
3283+00	97	0	309.3	0	
3284+00	116.2	0	394.9	0	
3285+00	117	0	432	0	
3286+00	92.3	0	387.7	0	
3287+00	85.8	0	329.9	0	
3288+00	103	0	349.7	0	
3289+00	107.7	0	390.3	0	
3290+00	93.6	0	372.8	0	
3291+00	107.4	0	372.3	0	
3292+00	0	0	198.9	0	
TOTAL			14289.2	0	

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. ZAHER
DRAWN BY
A. ZAHER
CHECKED BY
L. VALDIVIA
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

**PEPD
RECORD SET**

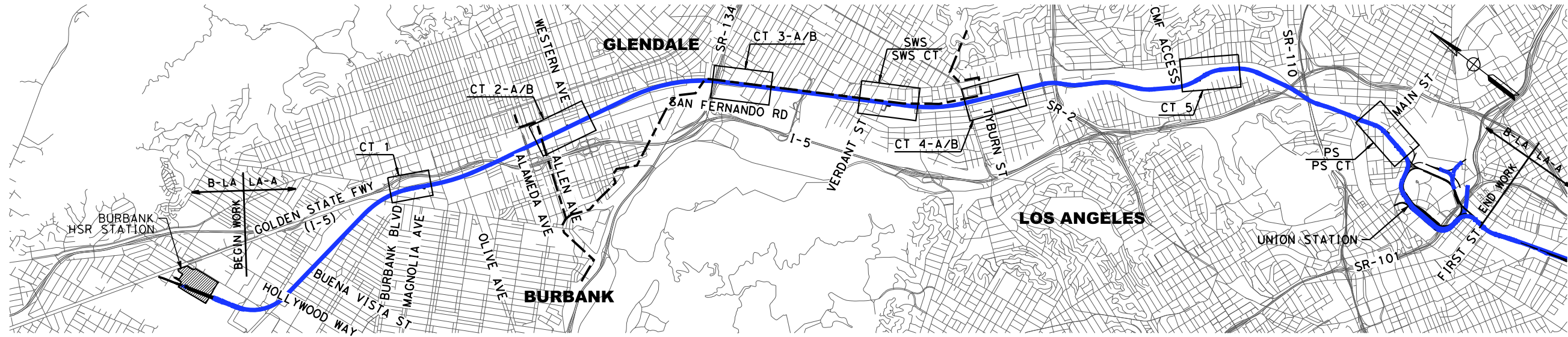
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
EARTHWORK QUANTITIES
SHEET 6 OF 6

CONTRACT NO.
HSR14-39
DRAWING NO.
CV-G6106
SCALE
NO SCALE
SHEET NO.



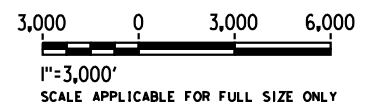
LEGEND:

- PREFERRED SITE
- ALTERNATE SITE
- TPSS TRACTION POWER SUBSTATION
- SWS SWITCHING STATION
- PS PARALLELING STATION
- CT STANDALONE COMMUNICATION TOWER
- TPF CT COMMUNICATION TOWER IN TRACTION POWER FACILITY

FACILITIES					
DESCRIPTION	STATIONING	DISTANCE FROM TERMINAL STATION	DISTANCE FROM HSR	DISTANCE FROM IN-KIND FACILITY (TRACK FOR TPF / RADIUS FOR CT)	DRAWING NUMBER
TRACTION POWER SWITCHING STATION	HSR2 3415+00	6.00 MILES FROM LA UNION STATION	39.5 FEET	4.8 MILES FROM BURBANK PS (BY OTHERS) / 5.1 FROM LA PS-A/B	TP-04101
TRACTION POWER PARALLELING STATION	HSR2 3685+00	1.06 MILES FROM LA UNION STATION	39.5 FEET	5.1 MILES FROM SWS-A/B / 5.0 MILES FROM TPSS(LA) (BY OTHERS)	TP-04001
STANDALONE COMMUNICATION TOWER 1	HSR2 3160+80	2.55 MILES FROM HOLLYWOOD BURBANK STATION	80.5 FEET	1.4 MILES FROM CT 2-A	CO-F4001
STANDALONE COMMUNICATION TOWER 2 - A	HSR2 3233+20	3.56 MILES FROM HOLLYWOOD BURBANK STATION	19.0 FEET	2.0 MILES FROM CT 3-A	CO-F4002
STANDALONE COMMUNICATION TOWER 2 - B	HSR2 3242+30	4.25 MILES FROM HOLLYWOOD BURBANK STATION	39.5 FEET	1.6 MILES FROM CT 3-A	CO-F4002
STANDALONE COMMUNICATION TOWER 3 - A	HSR2 3325+70	5.93 MILES FROM HOLLYWOOD BURBANK STATION	34.0 FEET	1.4 MILES FROM SWS CT / 2.4 MILES FROM CT 4-A	CO-F4003
STANDALONE COMMUNICATION TOWER 3 - B	HSR2 3338+70	5.68 MILES FROM HOLLYWOOD BURBANK STATION	34.0 FEET	1.7 MILES FROM SWS CT / 2.7 MILES FROM CT 4-A	CO-F4003
STANDALONE COMMUNICATION TOWER 4 - A	HSR2 3467+60	4.87 MILES FROM LA UNION STATION	39.5 FEET	1.0 MILES FROM SWS CT / 2.1 MILES FROM CT 5	CO-F4004
STANDALONE COMMUNICATION TOWER 4 - B	HSR2 3469+00	4.87 MILES FROM LA UNION STATION	36.5 FEET	1.0 MILES FROM SWS CT / 2.1 MILES FROM CT 5	CO-F4004
STANDALONE COMMUNICATION TOWER 5	HSR2 3578+70	2.83 MILES FROM LA UNION STATION	82.0 FEET	2.1 MILES FROM CT 4-B / 1.9 MILES FROM PS CT	CO-F4005

NOTES:

1. ALTERNATIVE TPSS LOCATIONS TO BE CONSIDERED WITHIN THE BURBANK TO LOS ANGELES CORRIDOR GIVEN NO HSR CONSTRUCTION SOUTH OF LA UNION STATION AS AN INDEPENDENT SYSTEM.



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
C. CUSSON

CHECKED BY
K. PIRBAZARI

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

**PEPD
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

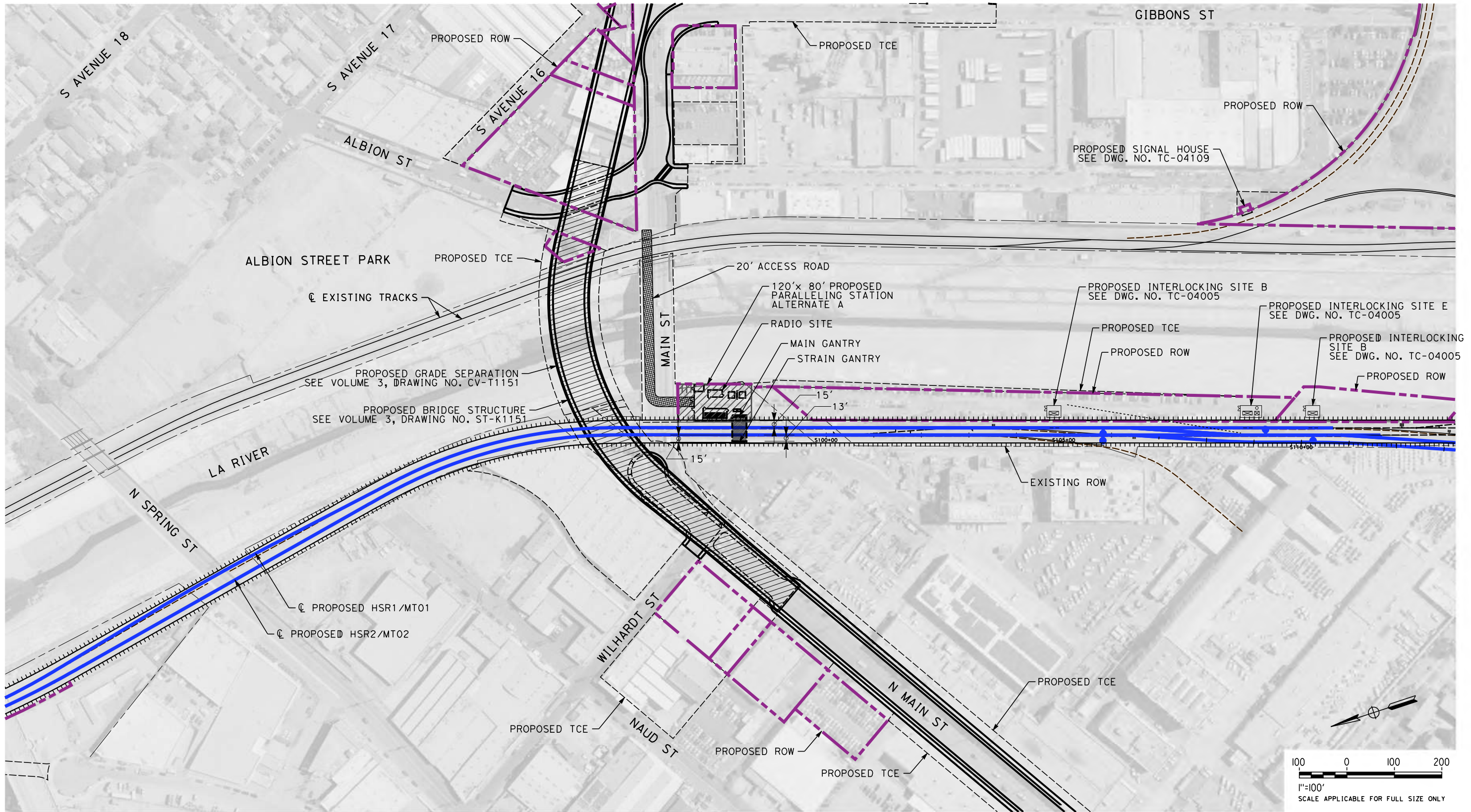
PEPD
SYSTEM FACILITIES SITE PLAN

CONTRACT NO.
HSR14-39

DRAWING NO.
TP-B0001

SCALE
AS SHOWN

SHEET NO.



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C. LEE
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C. CUSSON
CHECKED BY
A. ZAHER
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

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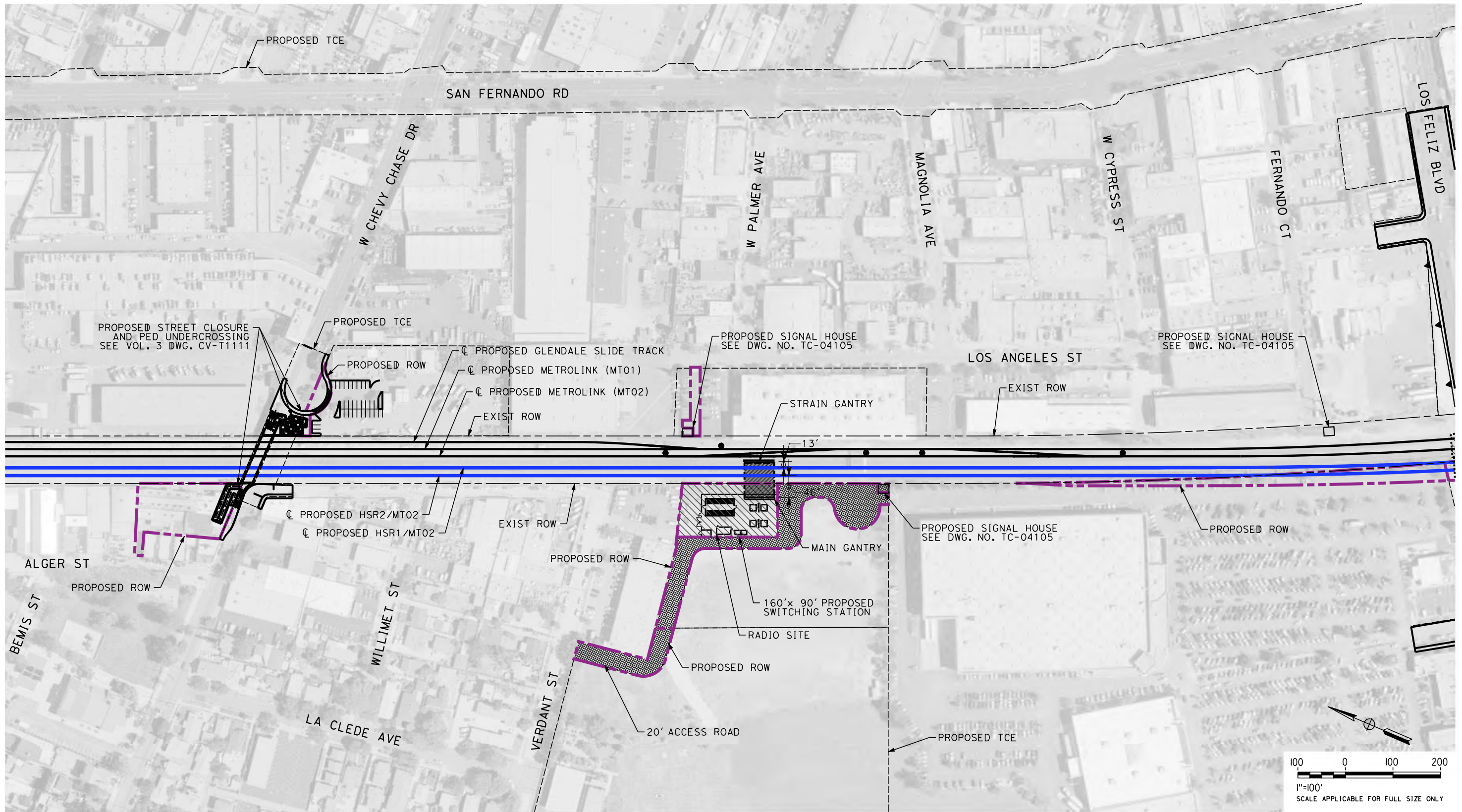
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CONSTRUCTION**



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

PEPD
TRACTION POWER FACILITY SITE PLAN
PROPOSED PARALLELING STATION

CONTRACT NO.
HSR14-39
DRAWING NO.
TP-04001
SCALE
AS SHOWN
SHEET NO.



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 Haynesma

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DESIGNED BY
C. LEE
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C. CUSSON
 CHECKED BY
A. ZAHER
 IN CHARGE
K. PIRBAZARI
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 RECORD SET**

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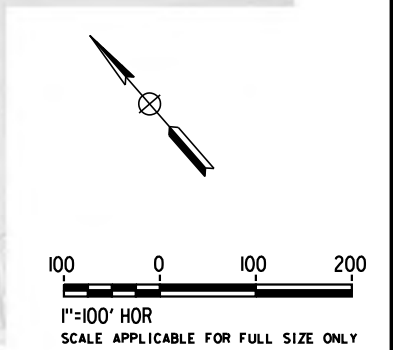
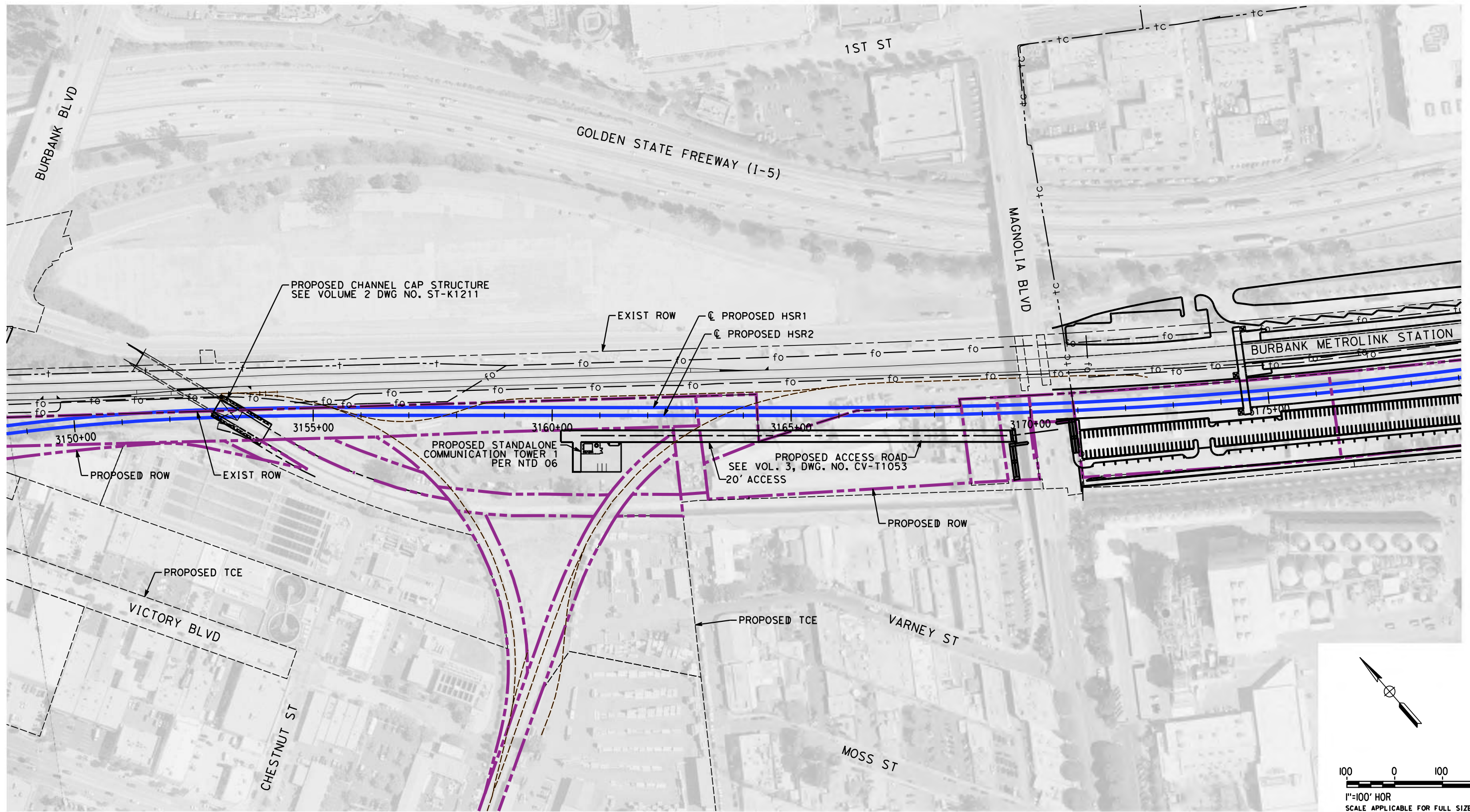


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 BURBANK TO LOS ANGELES**

 PEPD
 TRACTION POWER FACILITY SITE PLAN
 PROPOSED SWITCHING STATION

CONTRACT NO.
HSR14-39
 DRAWING NO.
TP-04101
 SCALE
AS SHOWN
 SHEET NO.

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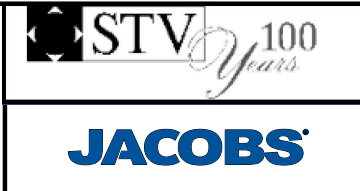
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K. PIRBAZARI

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K. PIRBAZARI

DATE
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
COMMUNICATIONS SYSTEM SITE PLAN
PROPOSED STANDALONE RADIO SITE - SHEET 1 OF 5

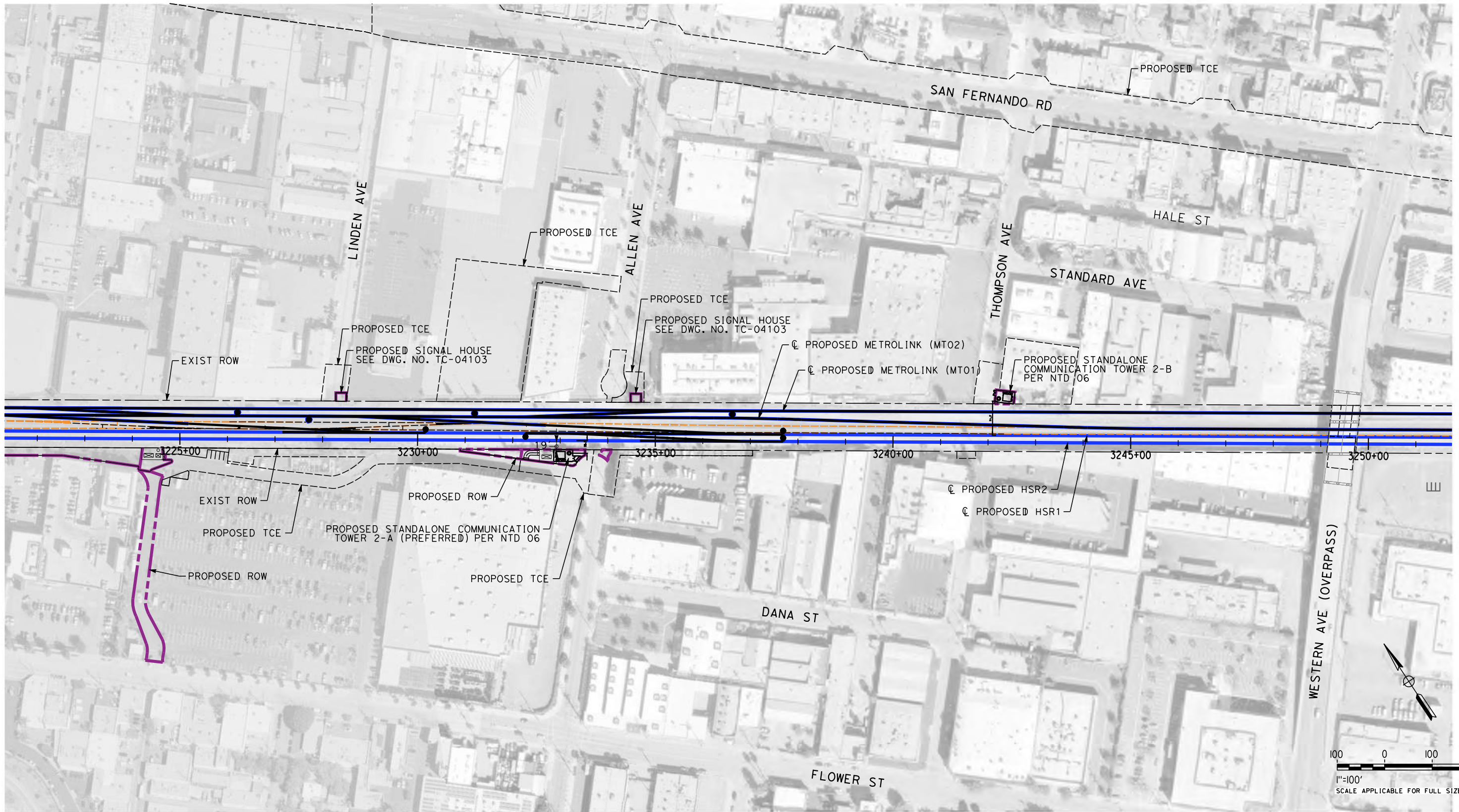
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DRAWING NO.
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SCALE
AS SHOWN

SHEET NO.

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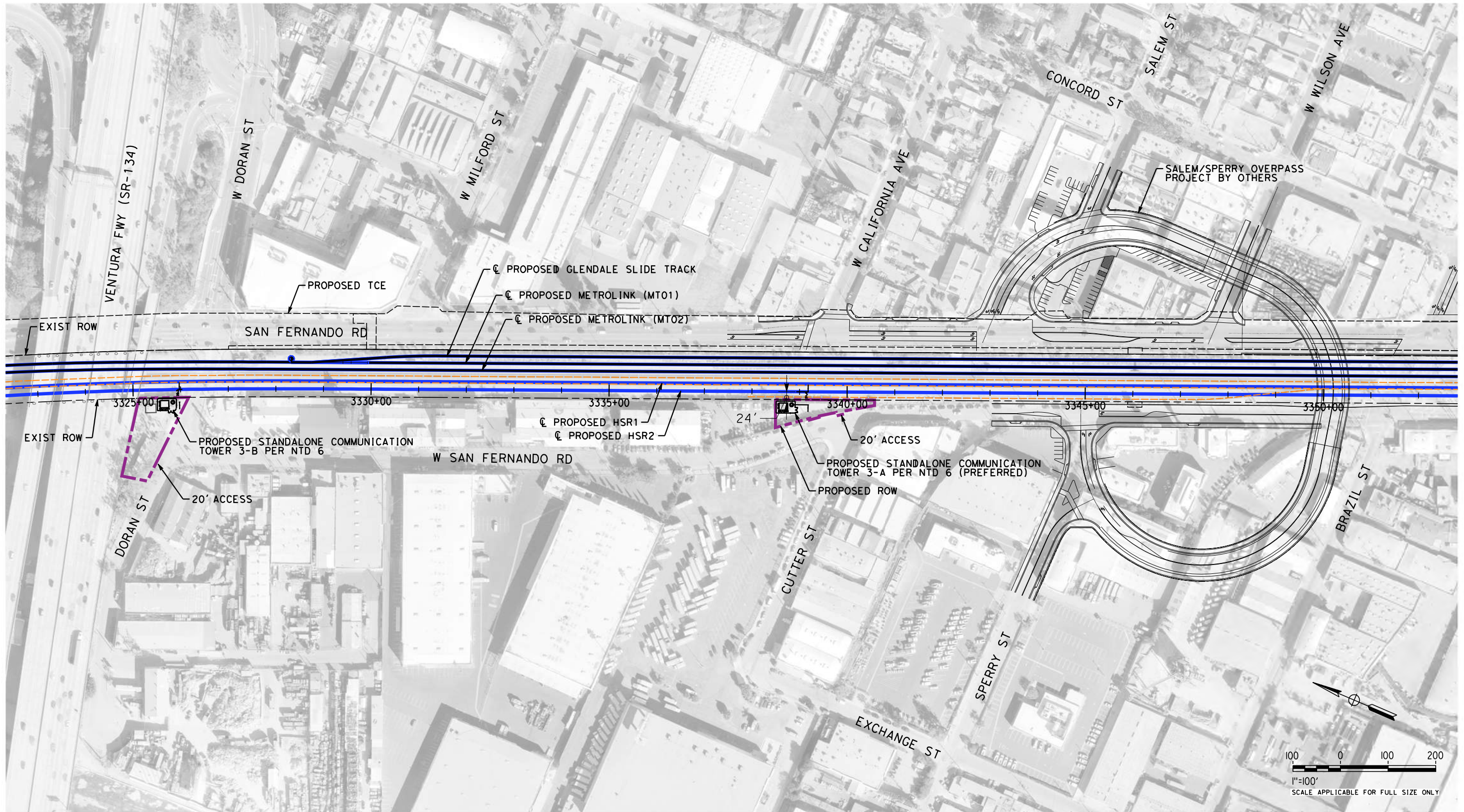
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CONSTRUCTION**



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

 PEPD
 COMMUNICATIONS SYSTEM SITE PLAN
 PROPOSED STANDALONE RADIO SITE SHEET - 2 OF 5

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 CO-F4002
 SCALE
 AS SHOWN
 SHEET NO.



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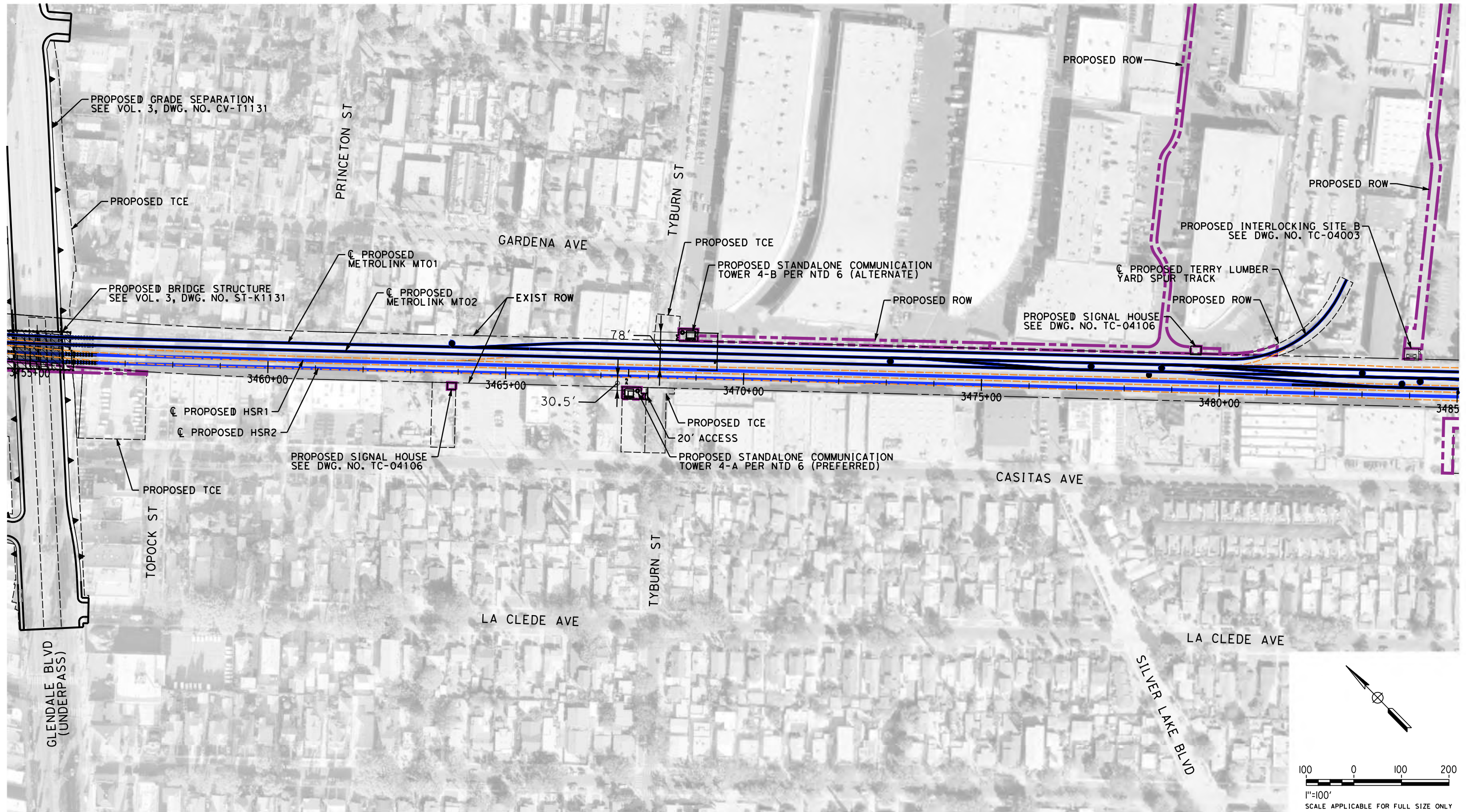


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

 PEPD
 COMMUNICATIONS SYSTEM SITE PLAN
 PROPOSED STANDALONE RADIO SITE SHEET - 3 OF 5

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 CO-F4003
 SCALE
 AS SHOWN
 SHEET NO.

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IN CHARGE
K. PIRBAZARI
DATE
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**PEPD
RECORD SET**

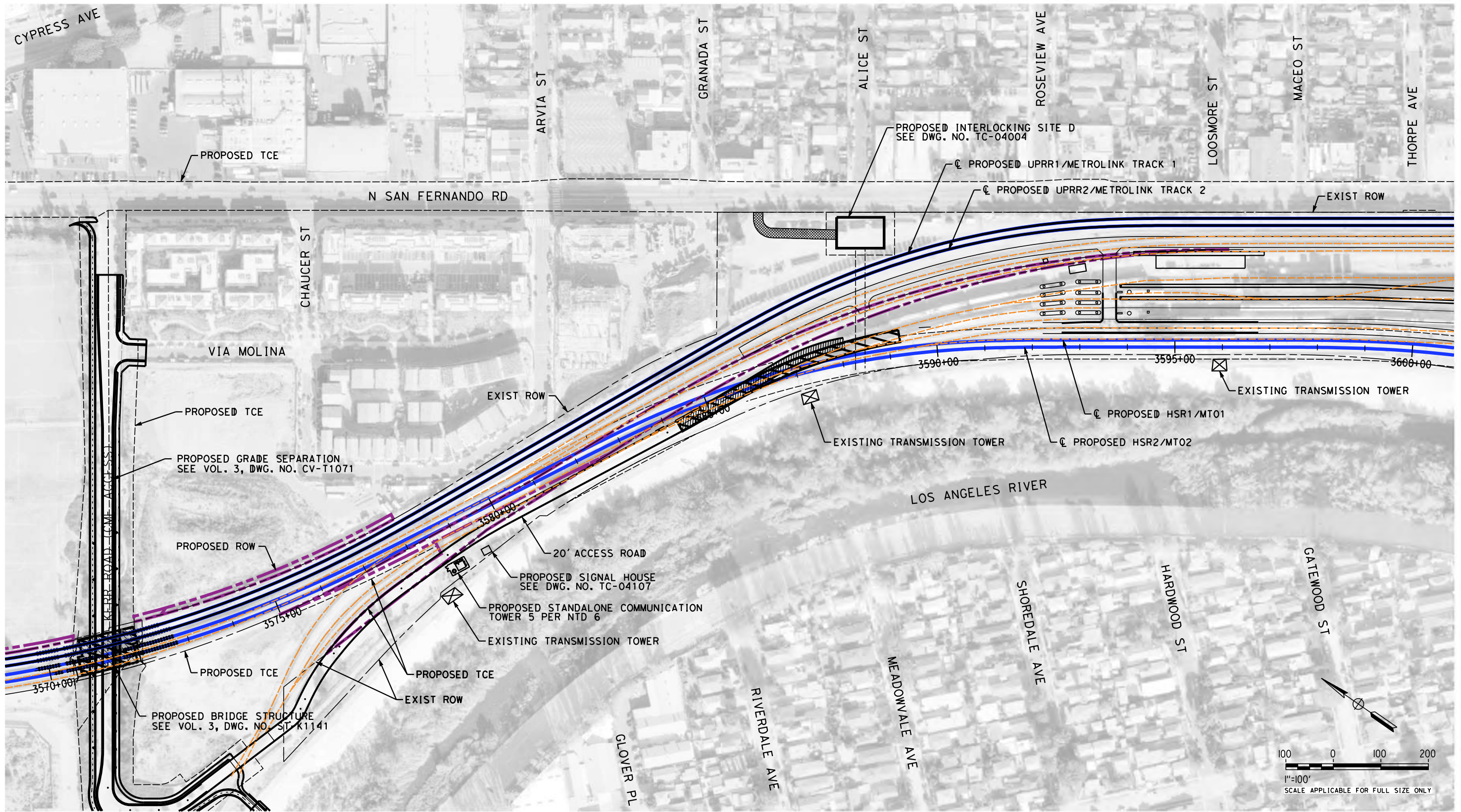
**NOT FOR
CONSTRUCTION**



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

PEPD
COMMUNICATIONS SYSTEM SITE PLAN
PROPOSED STANDALONE RADIO SITE SHEET - 4 OF 5

CONTRACT NO.
HSR14-39
DRAWING NO.
CO-F4004
SCALE
AS SHOWN
SHEET NO.



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DATE
04/30/2019

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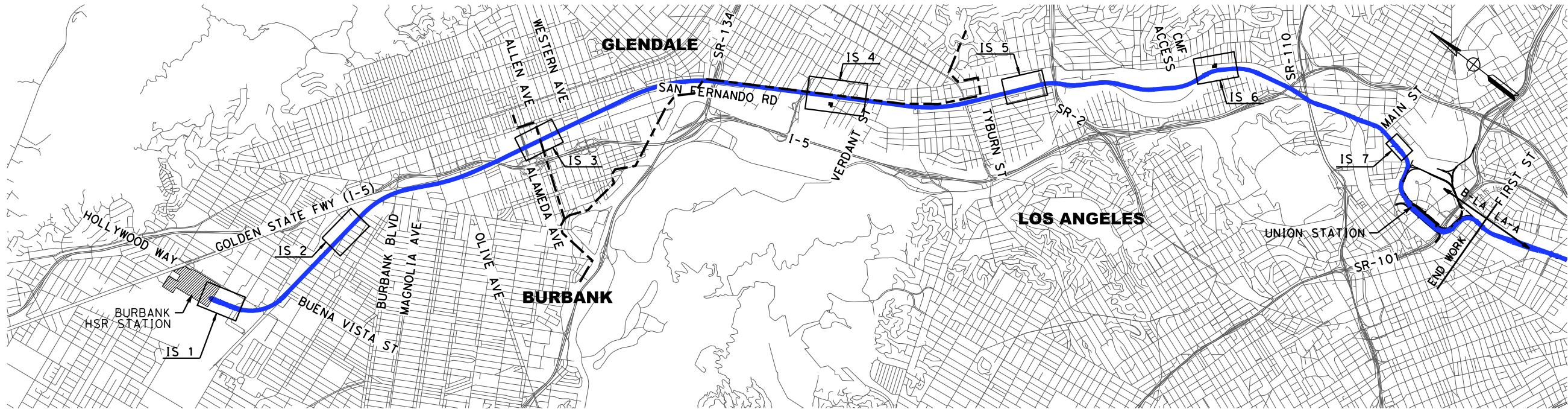
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
COMMUNICATIONS SYSTEM SITE PLAN
PROPOSED STANDALONE RADIO SITE - SHEET 5 OF 5

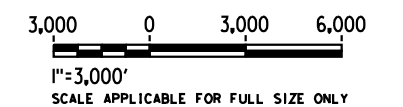
CONTRACT NO.
HSR14-39
DRAWING NO.
CO-F4005
SCALE
AS SHOWN
SHEET NO.



LEGEND:

- PREFERRED SITE
- IS INTERLOCKING STATION

FACILITIES					
DESCRIPTION	STATIONING	DISTANCE FROM TERMINAL STATION	DISTANCE FROM HSR	DISTANCE FROM INKIND FACILITY (TRACK FOR IS)	DRAWING NUMBER
INTERLOCKING SITE 1	HSR2 3026+85	0 MILES FROM BURBANK AIRPORT STATION	75.0 FEET	1.55 MILES FROM BUENA VISTA IS	TC-04001
INTERLOCKING SITE 2	HSR2 3109+30	1.80 MILES FROM BURBANK AIRPORT STATION	70.0 FEET	2.10 MILES FROM ALAMEDA AVE IS	TC-04002
INTERLOCKING SITE 3	HSR2 3224+50	4.13 MILES FROM BURBANK AIRPORT STATION	18.0 FEET	2.81 MILES FROM GLENDALE BLVD IS	TC-04003
INTERLOCKING SITE 4	HSR2 3385+15	6.28 MILES FROM BURBANK AIRPORT STATION	385.0 FEET	0.10 MILES FROM GOODWIN AVE IS	TC-04004
INTERLOCKING SITE 5	HSR2 3491+67	4.60 MILES FROM LA UNION STATION	27.0 FEET	1.84 MILES FROM TAYLOR YARD IS	TC-04005
INTERLOCKING SITE 6	HSR2 3588+73	2.85 MILES FROM LA UNION STATION	219.2 FEET	2.06 MILES FROM MAIN ST IS	TC-04006
INTERLOCKING SITE 7	HSR2 3697+68	0.62 MILES FROM LA UNION STATION	27.0 FEET	2.06 MILES FROM TAYLOR YARD IS	TC-04007



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REV	DATE	BY	CHK	APP	DESCRIPTION

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C. LEE

DRAWN BY
C. CUSSON

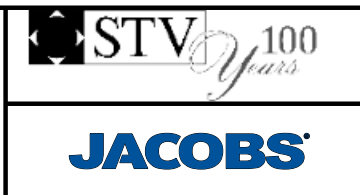
CHECKED BY
K. PIRBAZARI

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K. PIRBAZARI

DATE
04/30/2019

**PEPD
RECORD SET**

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

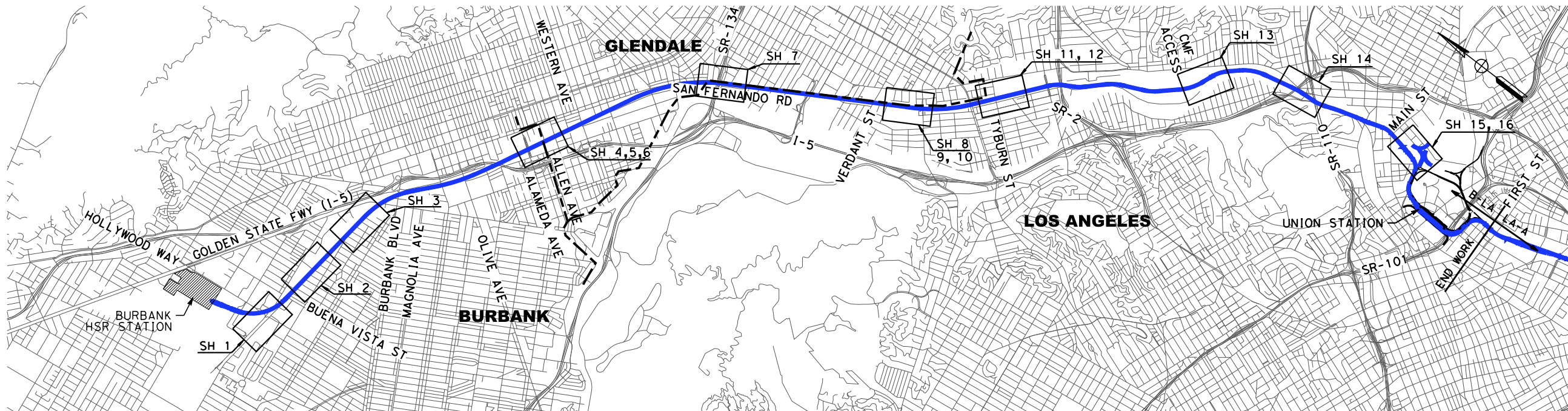
PEPD
TRAIN CONTROL - INTERLOCKING SITE
KEY MAP

CONTRACT NO.
HSR14-39

DRAWING NO.
TC-B0001

SCALE
AS SHOWN

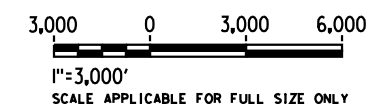
SHEET NO.



LEGEND:

- PREFERRED SITE
- SH SIGNAL HOUSE

FACILITIES					
DESCRIPTION	STATIONING	DISTANCE FROM TERMINAL STATION	DISTANCE FROM SCRRRA TRACK	DISTANCE FROM IN-KIND FACILITY (TRACK FOR SH)	DRAWING NUMBER
SIGNAL HOUSE 1	HSR2 3052+00	0.53 MILES FROM BURBANK STATION	35.0 FEET	N/A	TC-04101
SIGNAL HOUSE 2	HSR2 3089+25	1.18 MILES FROM BURBANK STATION	28.0 FEET	0.76 MILES FROM SH 2	TC-04102
SIGNAL HOUSE 3	HSR2 3122+50	1.81 MILES FROM BURBANK STATION	10.0 FEET	1.76 MILES FROM SH 3	TC-04103
SIGNAL HOUSE 4	HSR2 3215+10	0.66 MILES FROM DOWNTOWN BURBANK STATION	13.0 FEET	2.4 MILES FROM SH 4	TC-04104
SIGNAL HOUSE 5	HSR2 3228+39	0.88 MILES FROM DOWNTOWN BURBANK STATION	16.5 FEET	0.3 MILES FROM SH 5	TC-04104
SIGNAL HOUSE 6	HSR2 3234+59	1.00 MILES FROM DOWNTOWN BURBANK STATION	17 FEET	0.1 MILES FROM SH 6	TC-04104
SIGNAL HOUSE 7	HSR2 3325+35	2.72 MILES FROM DOWNTOWN BURBANK STATION	73.5 FEET	1.7 MILES FROM SH 7	TC-04105
SIGNAL HOUSE 8	HSR2 3413+55	0.46 MILES FROM GLENDALE STATION	26.5 FEET	1.7 MILES FROM SH 8	TC-04106
SIGNAL HOUSE 9	HSR2 3417+67	0.38 MILES FROM GLENDALE STATION	59.5 FEET	0.3 MILES FROM SH 9	TC-04106
SIGNAL HOUSE 10	HSR2 3427+16	0.20 MILES FROM GLENDALE STATION	47.0 FEET	0.7 MILES FROM SH 10	TC-04106
SIGNAL HOUSE 11	HSR2 3463+87	0.50 MILES FROM GLENDALE STATION	60.0 FEET	0.3 MILES FROM SH 11	TC-04107
SIGNAL HOUSE 12	HSR2 3479+48	0.79 MILES FROM GLENDALE STATION	7.50 FEET	1.9 MILES FROM SH 12	TC-04107
SIGNAL HOUSE 13	HSR2 3579+46	2.60 MILES FROM LA UNION STATION	120 FEET	1.0 MILES FROM SH 13	TC-04108
SIGNAL HOUSE 14	HSR2 3631+47	1.62 MILES FROM LA UNION STATION	86.0 FEET	1.2 MILES FROM SH 14	TC-04109
SIGNAL HOUSE 15	HSR2 3696+31	0.39 MILES FROM LA UNION STATION	11.5 FEET	0.2 MILES FROM SH 15	TC-041010
SIGNAL HOUSE 16	HSR2 3703+16	0.26 MILES FROM LA UNION STATION	64.5 FEET	N/A	TC-041010



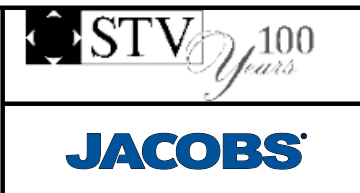
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
DRAWN BY
C. CUSSON
CHECKED BY
K. PIRBAZARI
IN CHARGE
K. PIRBAZARI
DATE
04/30/2019

PEPD RECORD SET

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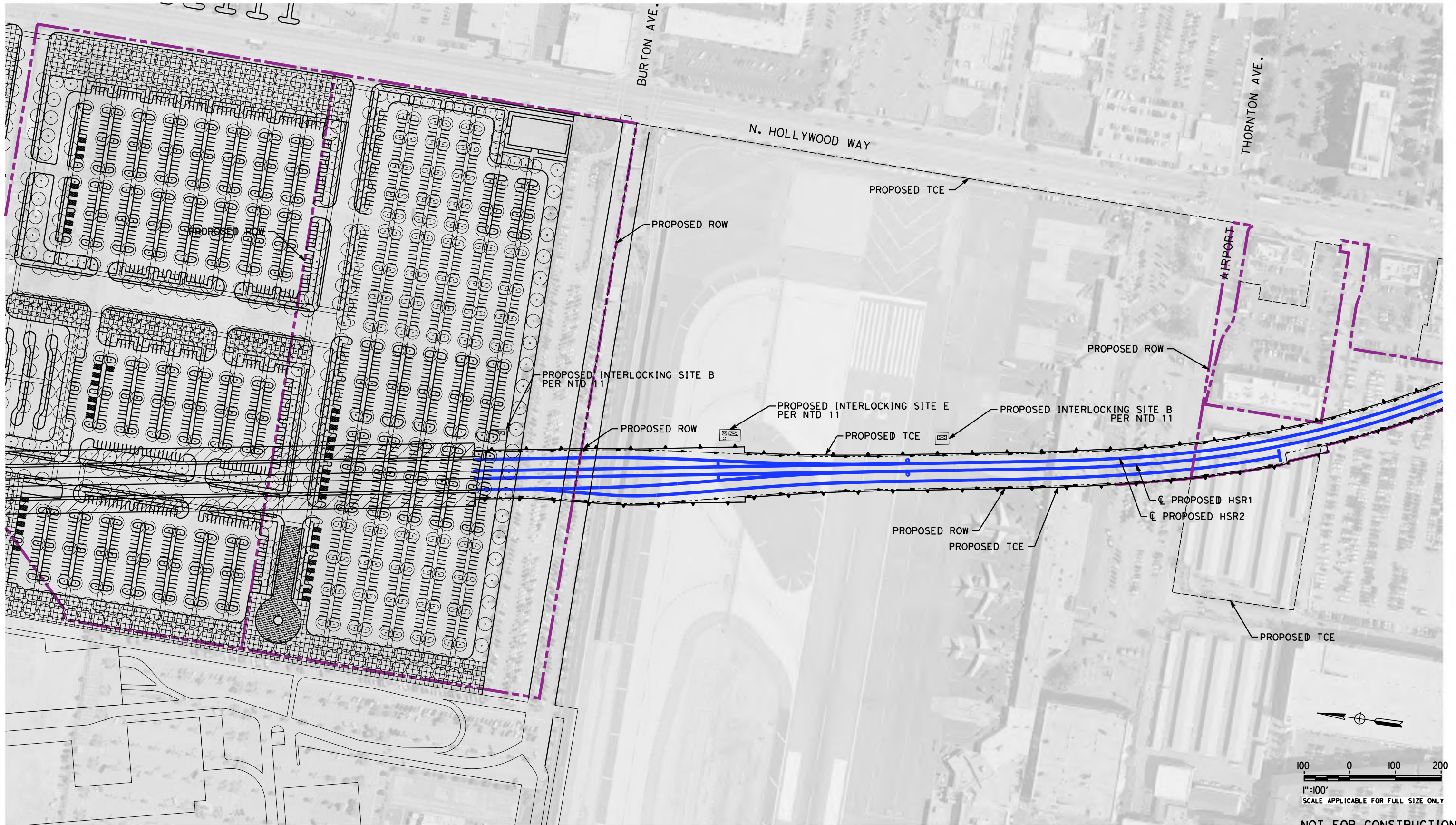


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

PEPD
TRAIN CONTROL - SIGNAL HOUSE
KEY MAP

CONTRACT NO.
HSR14-39
DRAWING NO.
TC-B0102
SCALE
AS SHOWN
SHEET NO.

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 1"=100'
 SCALE APPLICABLE FOR FULL SIZE ONLY

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K. PIRBAZARI
 DATE
04/30/2019

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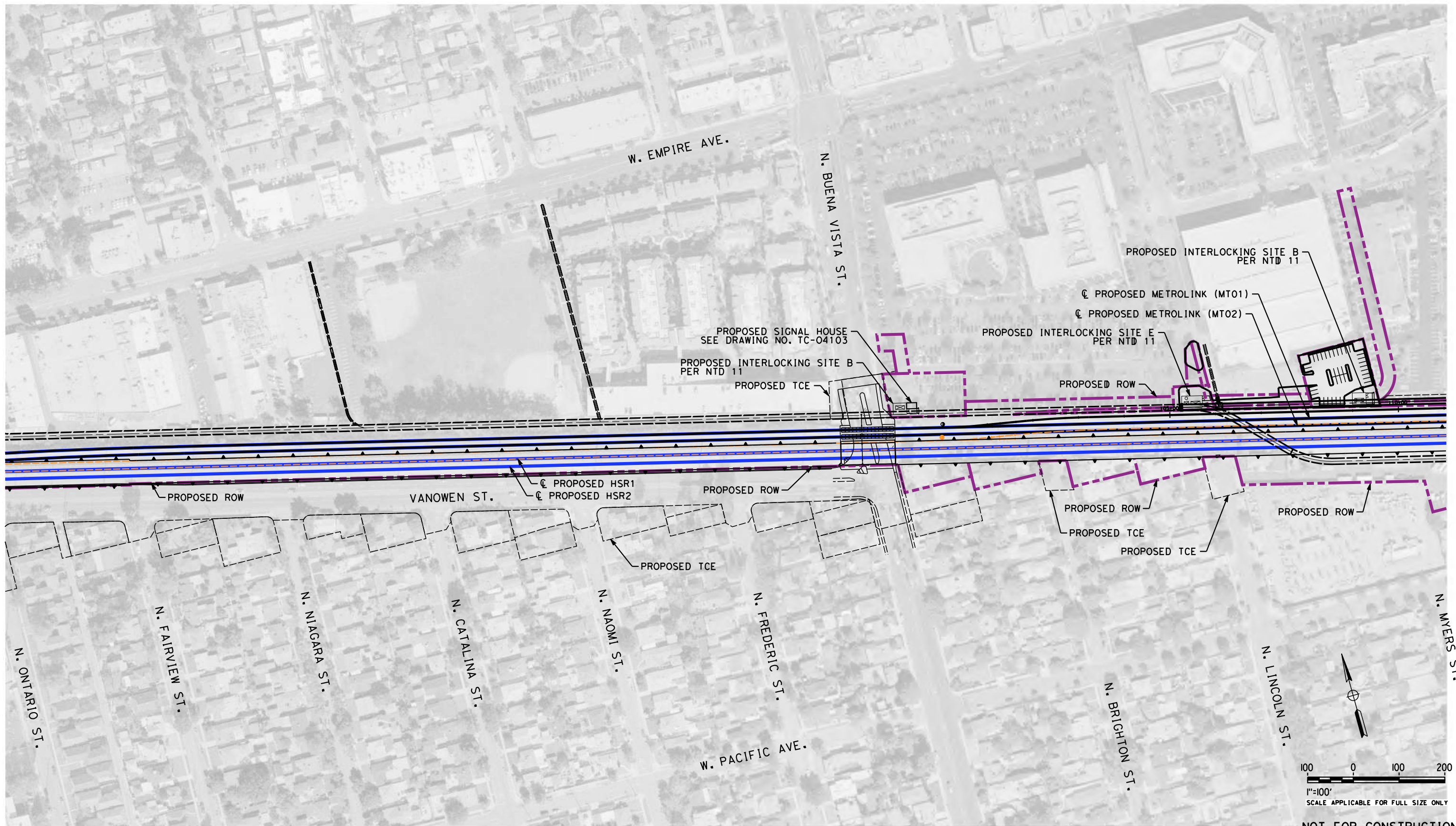


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 BURBANK TO LOS ANGELES**

 PEPD
 HSR TRAIN CONTROL SYSTEM
 PROPOSED INTERLOCKING SITE - SHEET 1 OF 7

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 TC-04001
 SCALE
 AS SHOWN
 SHEET NO.

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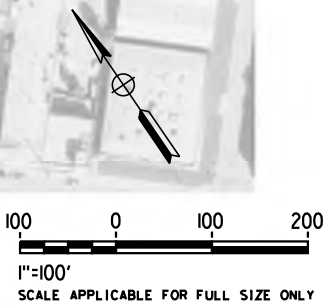
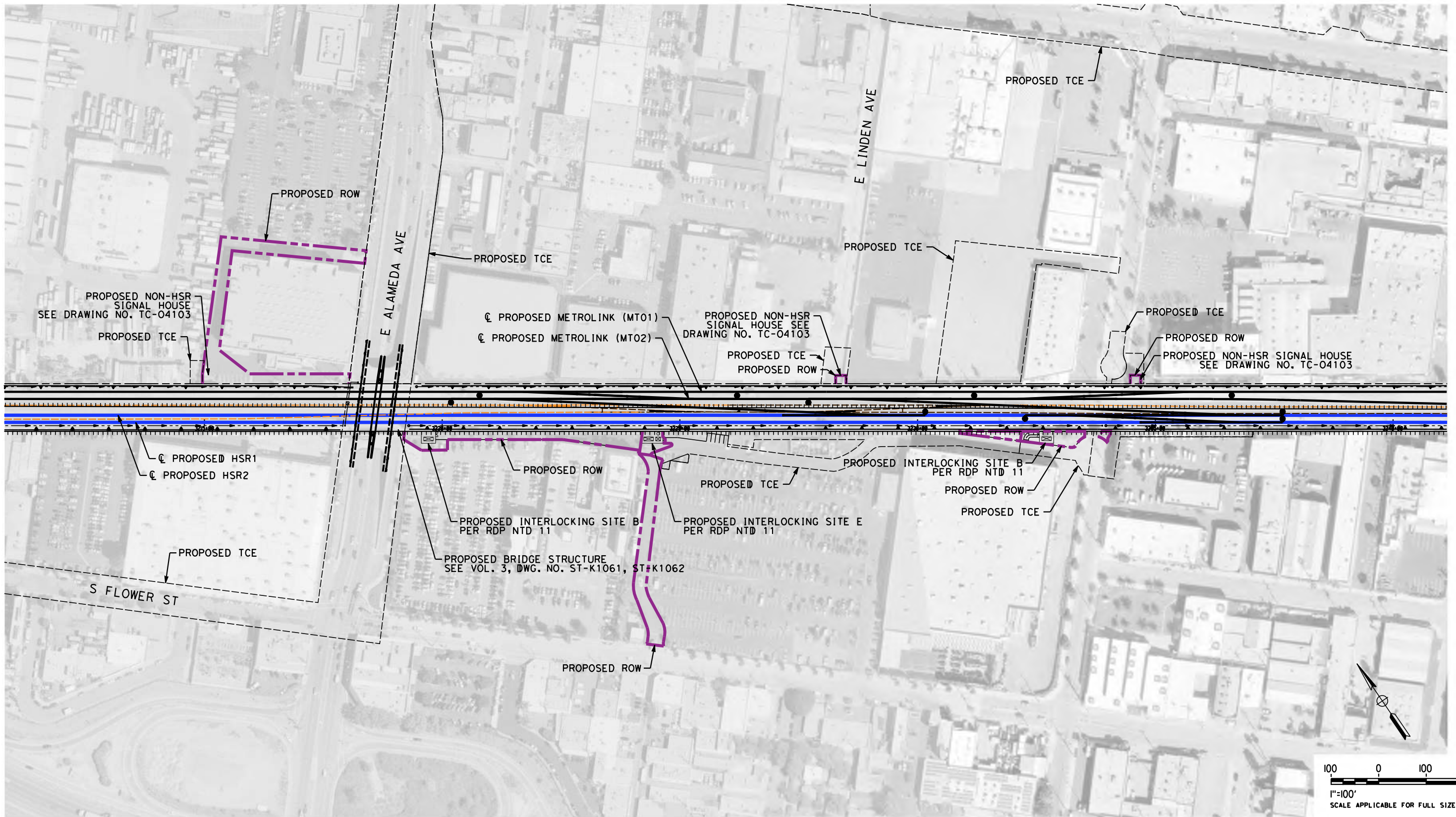


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
HSR TRAIN CONTROL SYSTEM
PROPOSED INTERLOCKING SITE - SHEET 2 OF 7

CONTRACT NO.
HSR14-39
DRAWING NO.
TC-04002
SCALE
AS SHOWN
SHEET NO.

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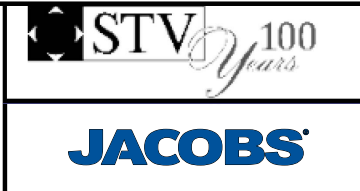
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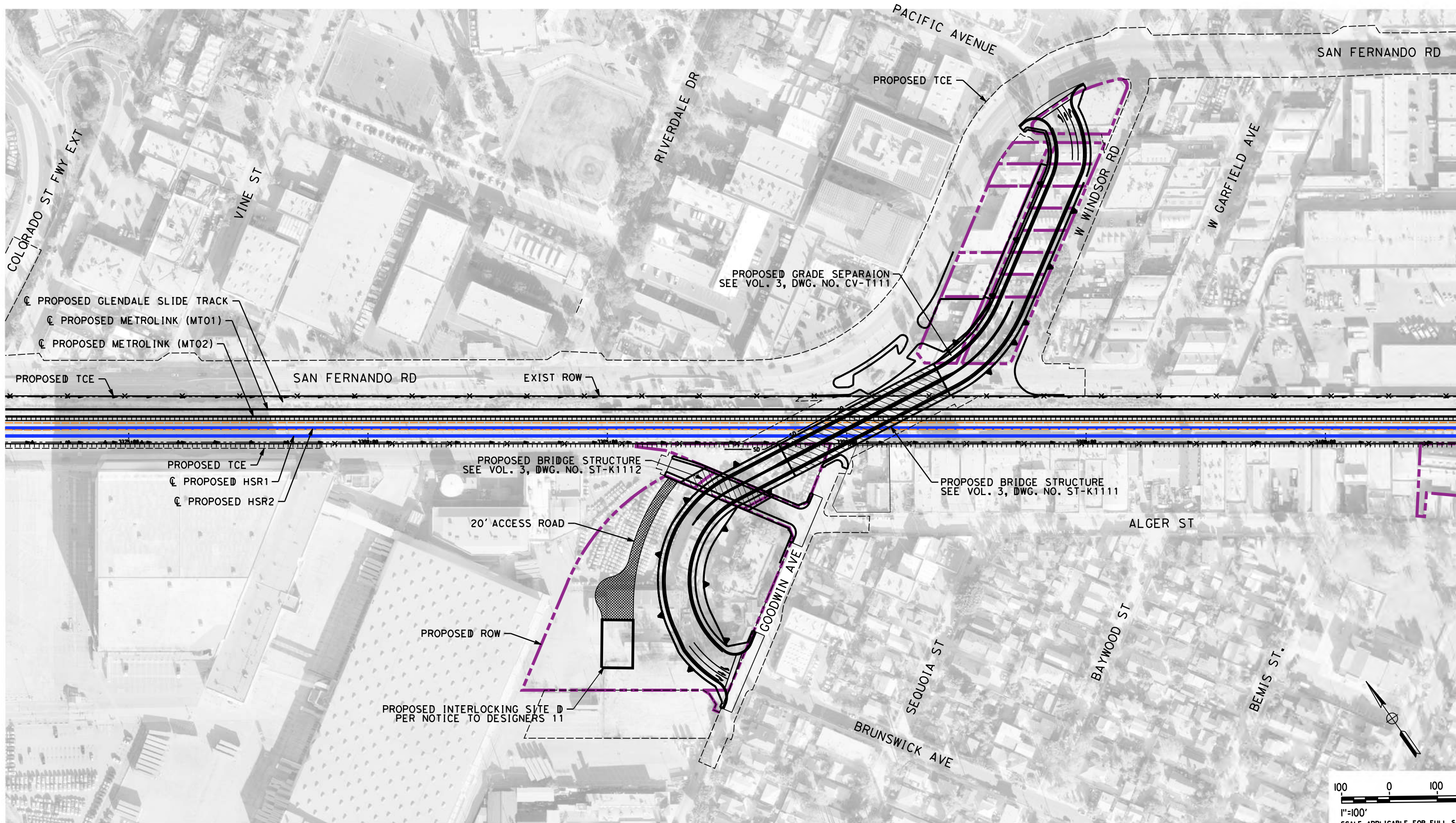
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
HSR TRAIN CONTROL SYSTEM
PROPOSED INTERLOCKING SITE - SHEET 3 OF 7

CONTRACT NO.
HSR14-39
DRAWING NO.
TC-04003
SCALE
AS SHOWN
SHEET NO.



5/1/2019 10:41:37 AM c:\j\p\work\dir\haynesma\d0142553\k2L-TC-04004.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE

DRAWN BY
C. CUSSON

CHECKED BY
A. ZAHER

IN CHARGE
K. PIRBAZARI

DATE
04/30/2019

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

PEPD
HSR TRAIN CONTROL
PROPOSED INTERLOCKING SITE - SHEET 4 OF 7

CONTRACT NO.
HSR14-39

DRAWING NO.
TC-04004

SCALE
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5/1/2019 10:42:34 AM c:\j\p\work\dir\haynesma\d0142553\k2L-TC-04005.dgn
 Haynesma



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C. LEE
 DRAWN BY
C. CUSSON
 CHECKED BY
A. ZAHER
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

**PEPD
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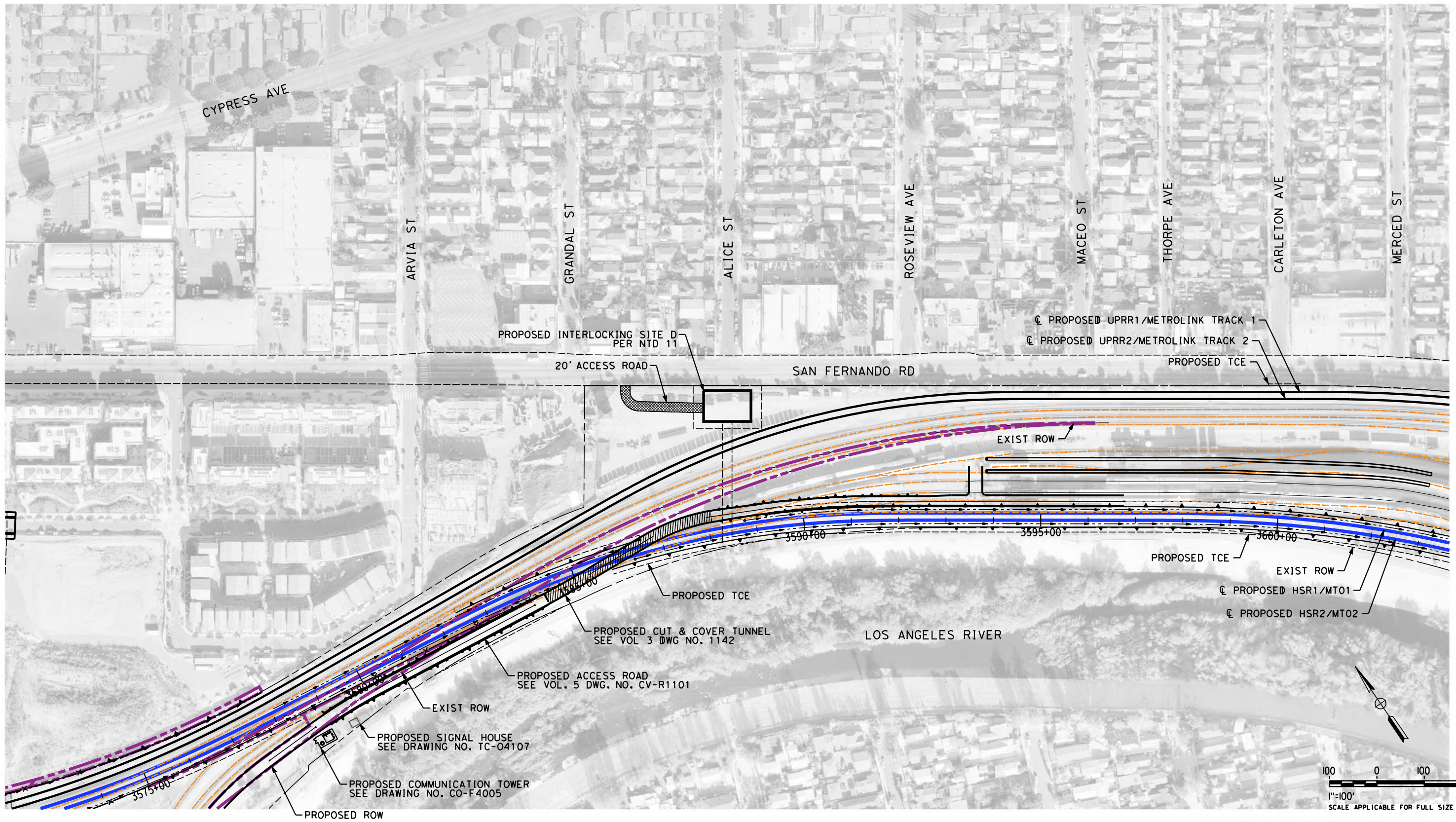


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 BURBANK TO LOS ANGELES**

 PEPD
 HSR TRAIN CONTROL
 PROPOSED INTERLOCKING SITE - SHEET 5 OF 7

CONTRACT NO.
HSR14-39
 DRAWING NO.
TC-04005
 SCALE
AS SHOWN
 SHEET NO.

5/1/2019 10:43:14 AM c:\j\p\pwworkdir\haynesma\d0142553\k2l-TC-04006.dgn



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RECORD SET**

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

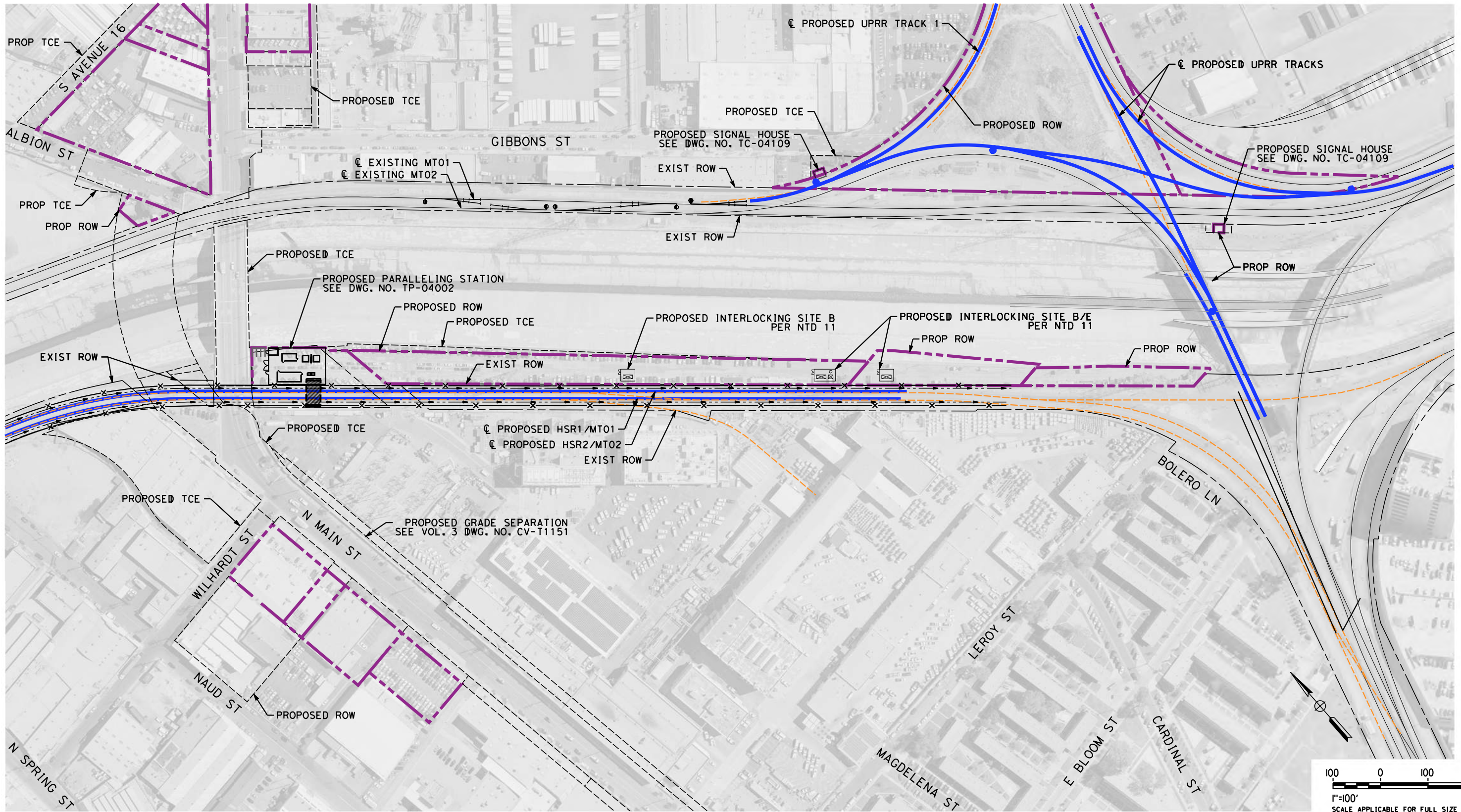
PEPD
HSR TRAIN CONTROL
PROPOSED INTERLOCKING SITE - SHEET 6 OF 7

CONTRACT NO.
HSR14-39

DRAWING NO.
TC-04006

SCALE
AS SHOWN

SHEET NO.



5/1/2019 10:44:16 AM c:\j\p\work\dir\haynesma\d0142553\k2L-TC-04007.dgn
 Haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
 DRAWN BY
C. CUSSON
 CHECKED BY
A. ZAHER
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

**PEPD
 RECORD SET**

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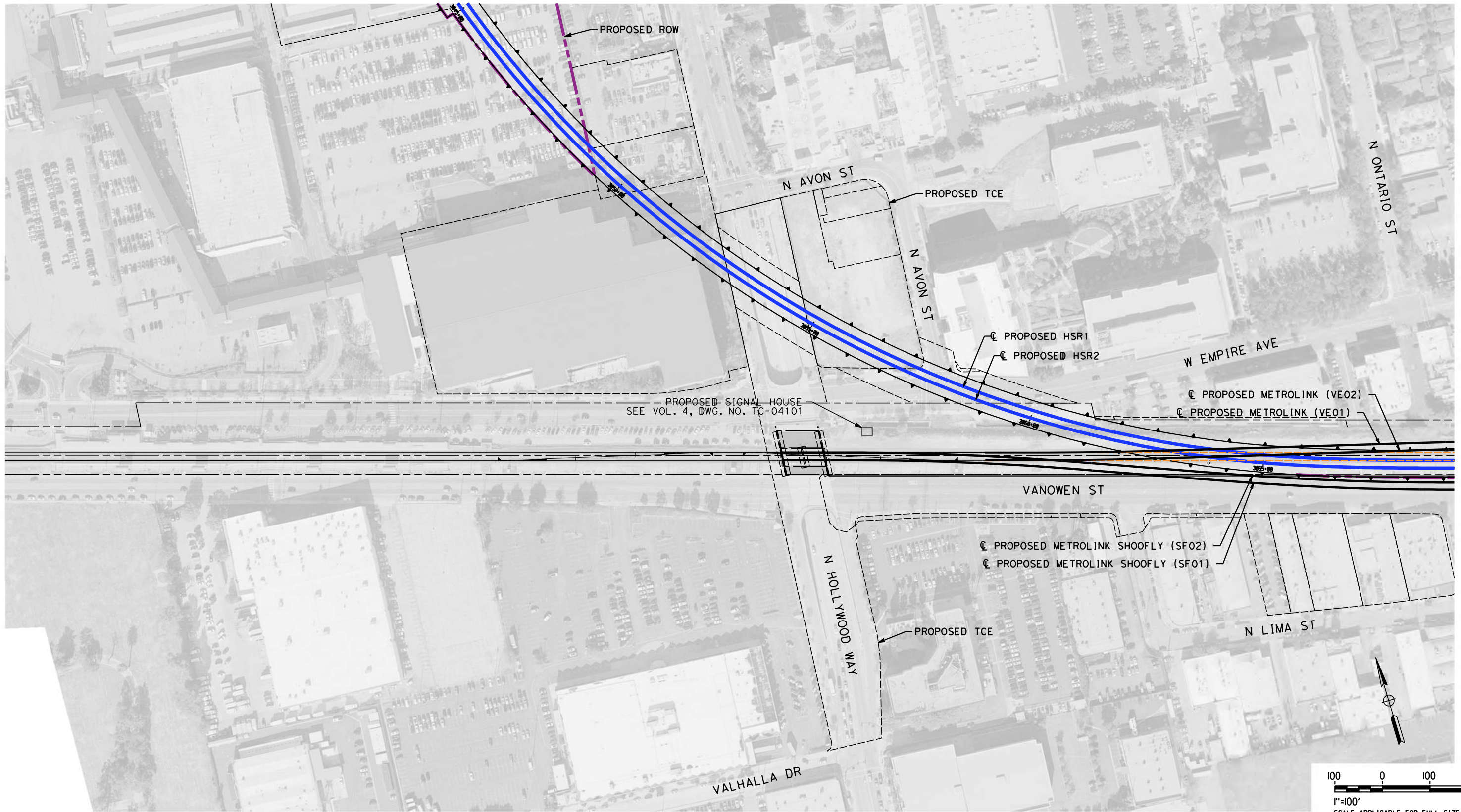
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 BURBANK TO LOS ANGELES**

 PEPD
 HSR TRAIN CONTROL
 PROPOSED INTERLOCKING SITE - SHEET 7 OF 7

CONTRACT NO.
HSR14-39
 DRAWING NO.
TC-04007
 SCALE
AS SHOWN
 SHEET NO.

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C. CUSSON
CHECKED BY
A. ZAHER
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K. PIRBAZARI
DATE
04/30/2019

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RECORD SET**

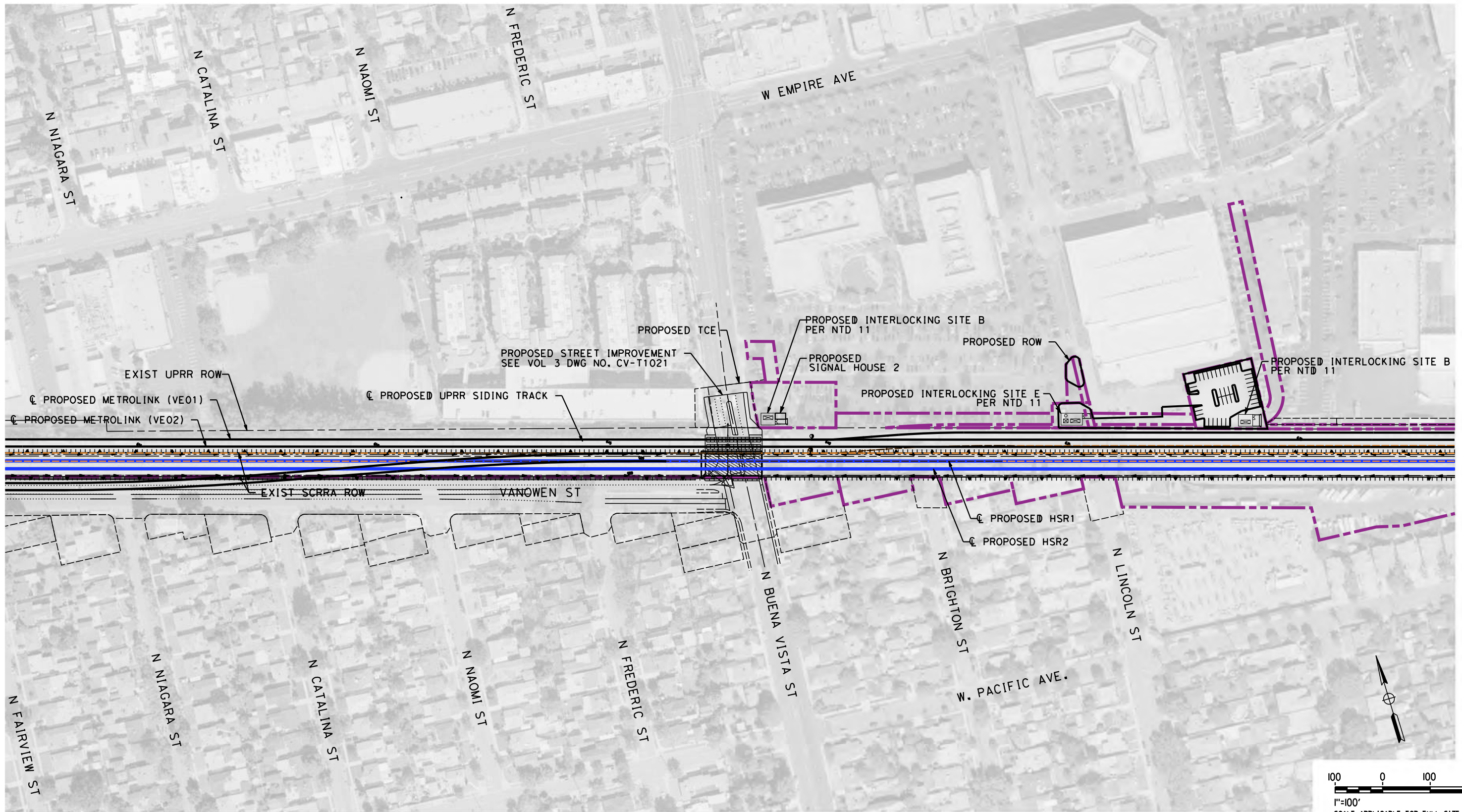
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
NON-HSR TRAIN CONTROL
PROPOSED SIGNAL HOUSE SITE - SHEET 1 OF 10

CONTRACT NO.
HSR14-39
DRAWING NO.
TC-04101
SCALE
AS SHOWN
SHEET NO.



5/1/2019 10:46:04 AM c:\jip\pwworkdir\haynesma\d0142553\k2l-TC-04102.dgn
 Haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

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C. LEE
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 CHECKED BY
A. ZAHER
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

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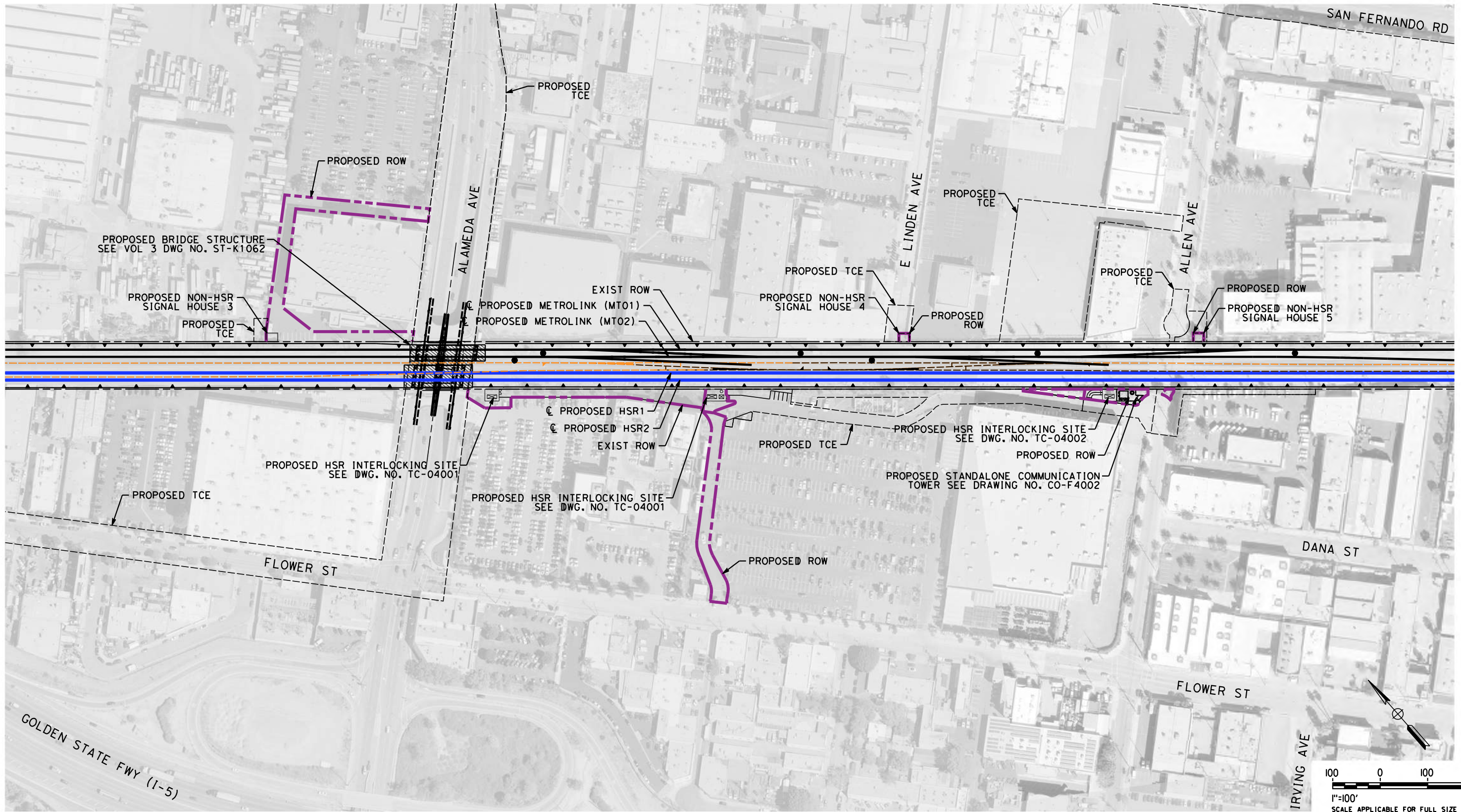


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 BURBANK TO LOS ANGELES**

 PEPD
 NON-HSR TRAIN CONTROL
 PROPOSED SIGNAL HOUSE SITE - SHEET 2 OF 10

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 TC-04102
 SCALE
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 SHEET NO.

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5/1/2019 10:46:58 AM c:\j\p\pwworkdir\haynesma\d0142553\k2l-TC-04103.dgn
 Haynesma

REV	DATE	BY	CHK	APP	DESCRIPTION

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C. LEE
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C. CUSSON
 CHECKED BY
A. ZAHER
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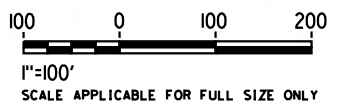
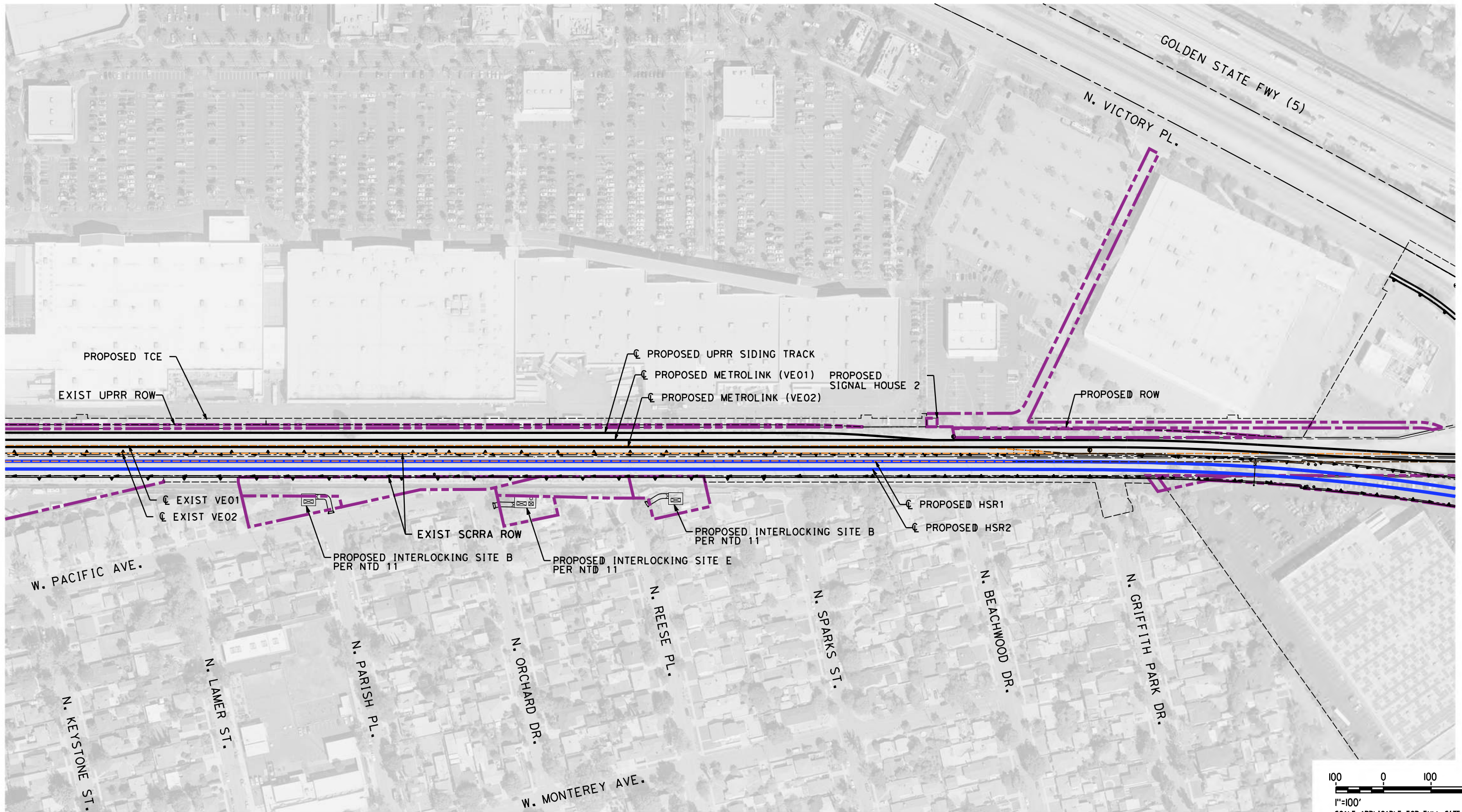


CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES

 PEPD
 NON-HSR TRAIN CONTROL
 PROPOSED SIGNAL HOUSE SITE - SHEET 3 OF 10

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 TC-04103
 SCALE
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 SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

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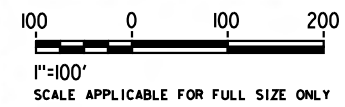
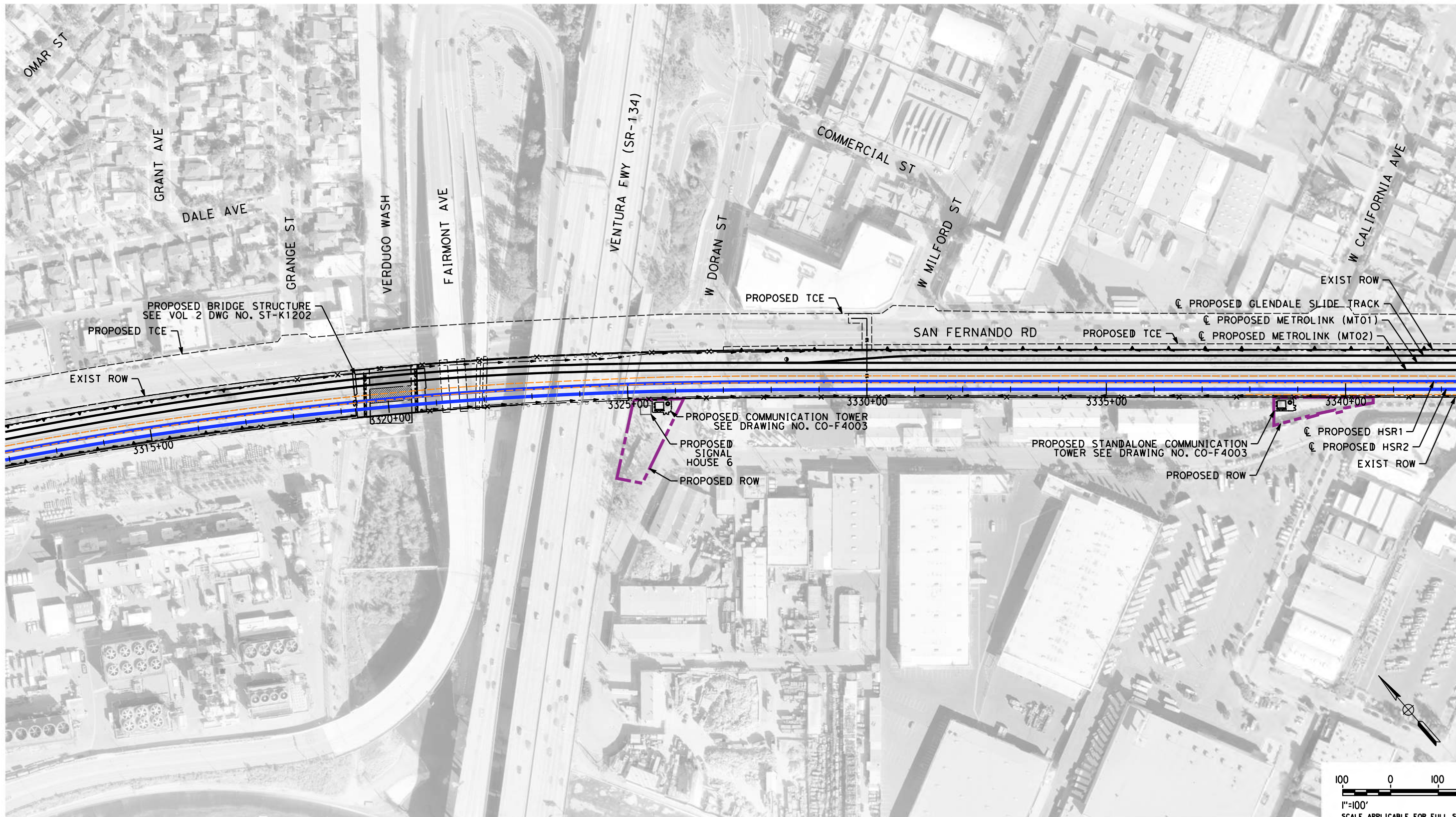
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 BURBANK TO LOS ANGELES**

 PEPD
 NON-HSR TRAIN CONTROL
 PROPOSED SIGNAL HOUSE SITE - SHEET 4 OF 10

CONTRACT NO.
 HSR14-39
 DRAWING NO.
 TC-04104
 SCALE
 AS SHOWN
 SHEET NO.



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5/1/2019 10:48:50 AM c:\j\p\pwworkdir\haynesma\d0142553\k2l-TC-04105.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

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DATE
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

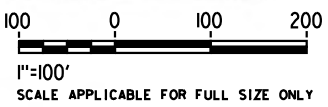
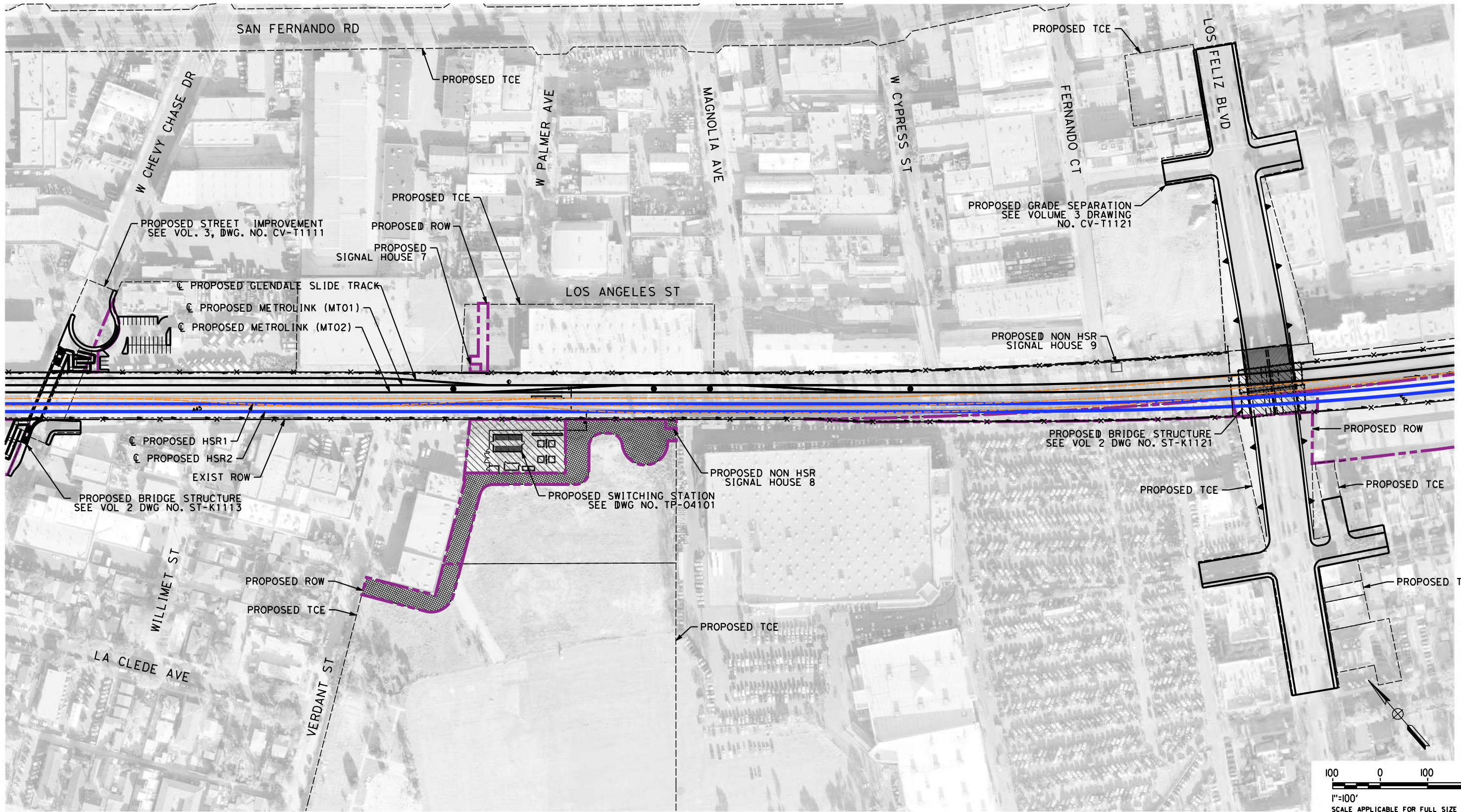
PEPD
NON-HSR TRAIN CONTROL
PROPOSED SIGNAL HOUSE SITE - SHEET 5 OF 10

CONTRACT NO.
HSR14-39

DRAWING NO.
TC-04105

SCALE
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PEPD
NON-HSR TRAIN CONTROL
PROPOSED SIGNAL HOUSE SITE - SHEET 6 OF 10

CONTRACT NO.
HSR14-39
DRAWING NO.
TC-04106
SCALE
AS SHOWN
SHEET NO.

5/1/2019 10:50:44 AM c:\j\p\pwworkdir\haynesma\d0142553\k2l-TC-04107.dgn



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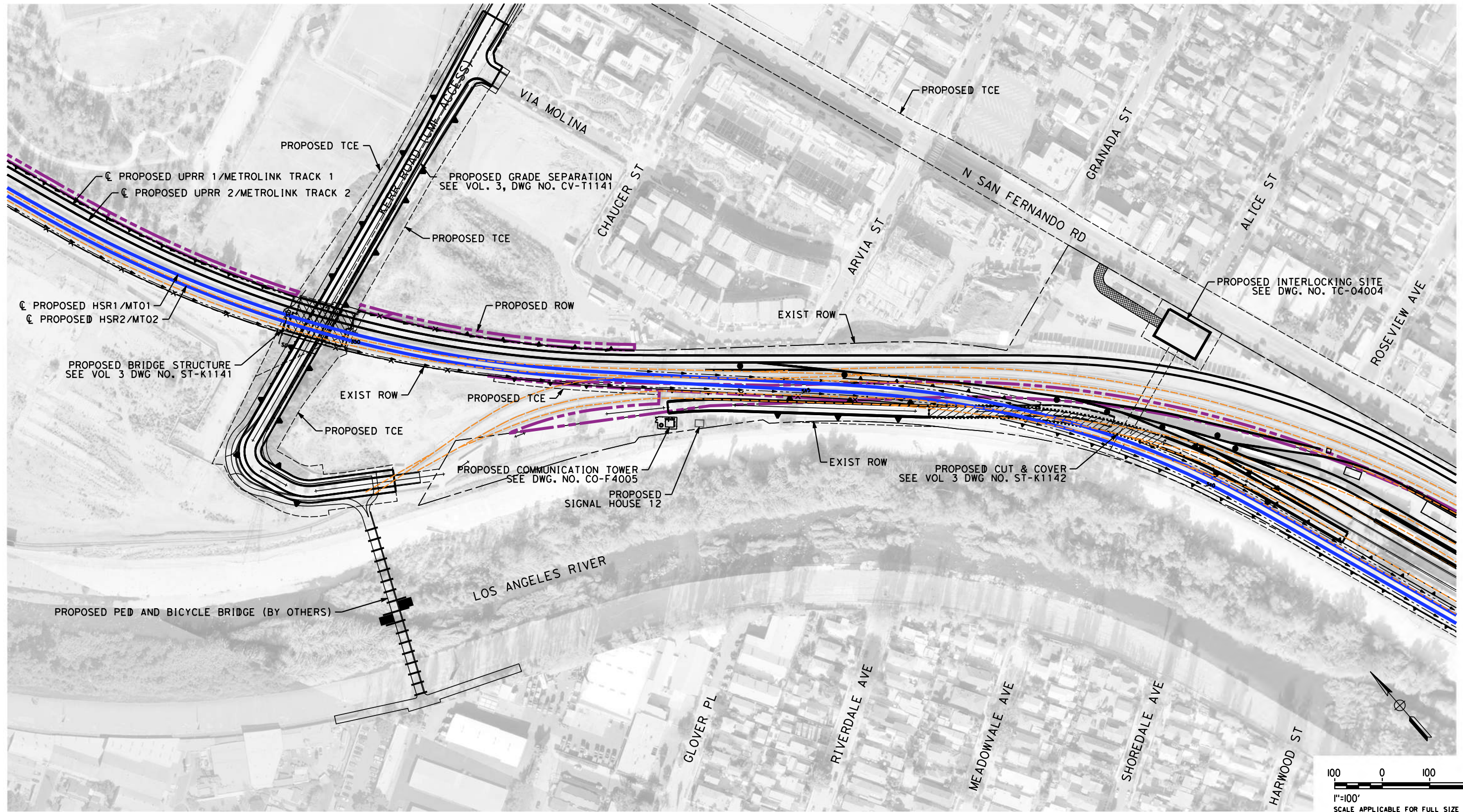


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
NON-HSR TRAIN CONTROL
PROPOSED SIGNAL HOUSE SITE - SHEET 7 OF 10

CONTRACT NO.
HSR14-39
DRAWING NO.
TC-04107
SCALE
AS SHOWN
SHEET NO.

5/1/2019 10:51:19 AM c:\j\p\work\dir\haynesma\d0142553\k2L-TC-04108.dgn



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04/30/2019

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RECORD SET**

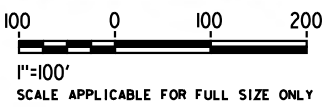
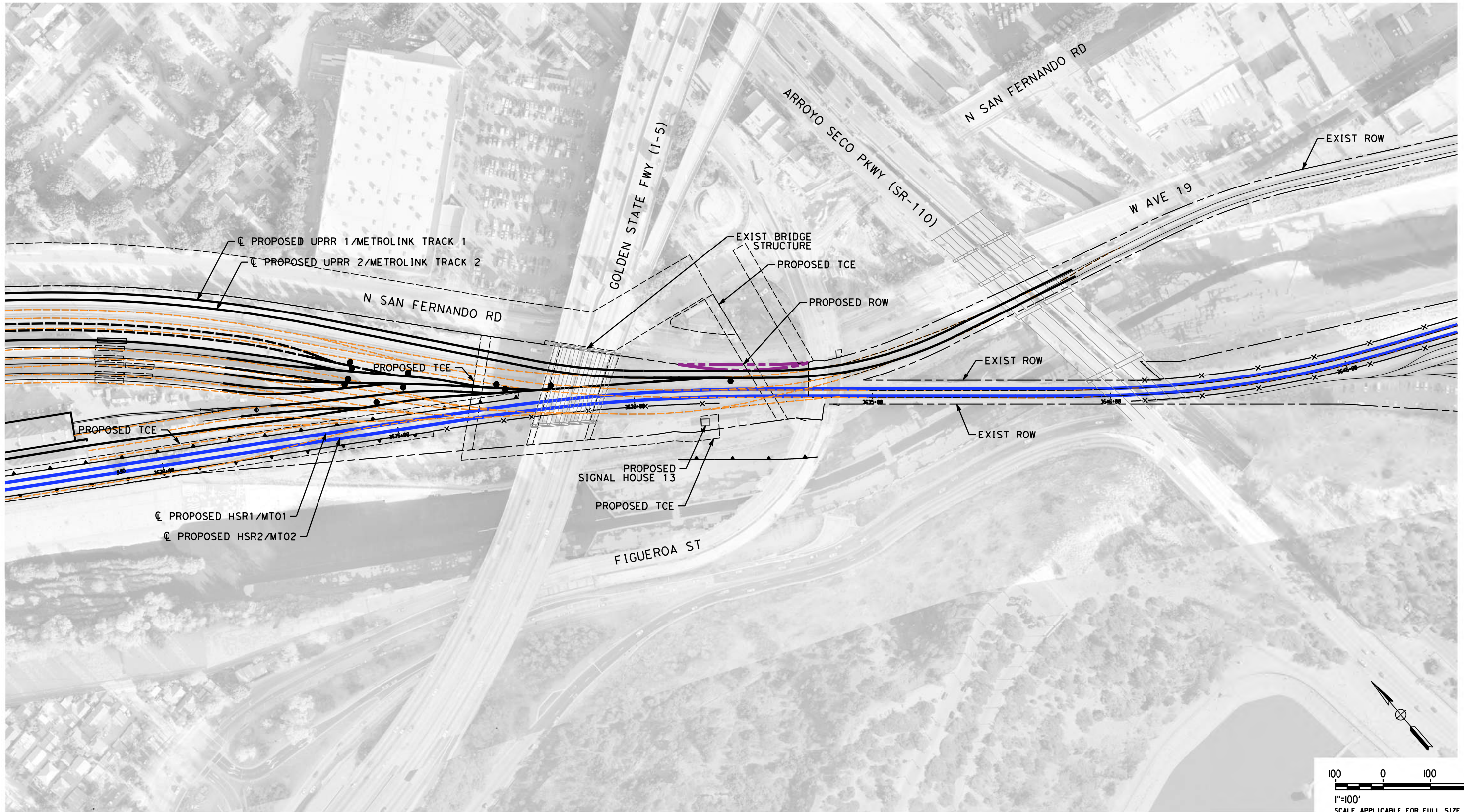
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

PEPD
NON-HSR TRAIN CONTROL
PROPOSED SIGNAL HOUSE SITE - SHEET 8 OF 10

CONTRACT NO.
HSR14-39
DRAWING NO.
TC-04108
SCALE
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SHEET NO.



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
C. LEE
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C. CUSSON
 CHECKED BY
A. ZAHER
 IN CHARGE
K. PIRBAZARI
 DATE
04/30/2019

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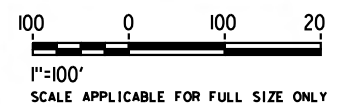
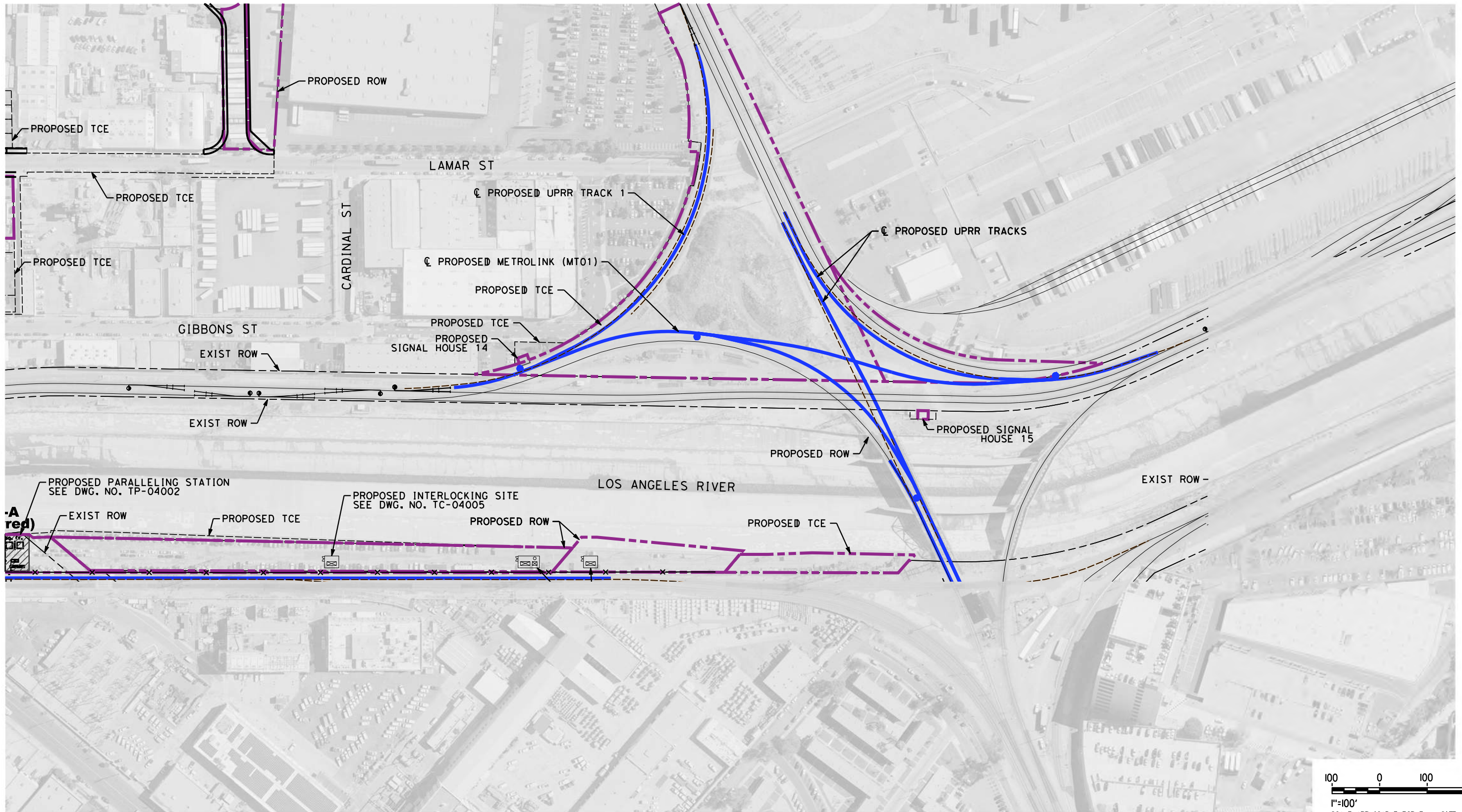


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
BURBANK TO LOS ANGELES**

 PEPD
 NON-HSR TRAIN CONTROL
 PROPOSED SIGNAL HOUSE SITE - SHEET 9 OF 10

CONTRACT NO.
HSR14-39
 DRAWING NO.
TC-04109
 SCALE
AS SHOWN
 SHEET NO.

5/1/2019 10:53:07 AM c:\j\p\pwworkdir\haynesma\d0142553\k2L-TC-04110.dgn



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K. PIRBAZARI
DATE
04/30/2019

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

PEPD
NON-HSR TRAIN CONTROL
PROPOSED SIGNAL HOUSE SITE - SHEET 10 OF 10

CONTRACT NO.
HSR14-39
DRAWING NO.
TC-04110
SCALE
AS SHOWN
SHEET NO.