Appendix B: Infrastructure Improvement Designs

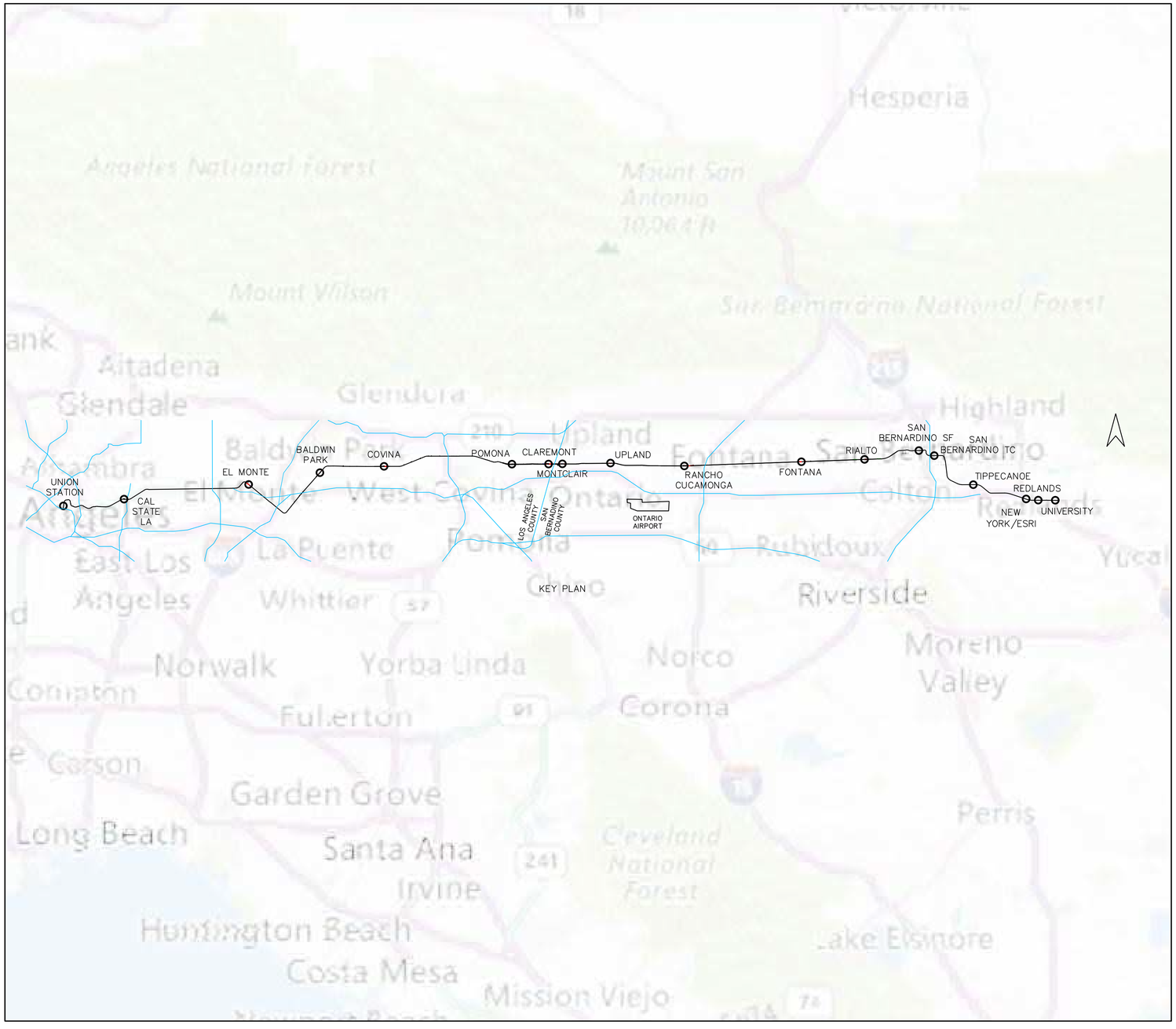
1: Double Tracking for 15-minute unconstrained scenario between El Monte and University of Redlands

2: Legacy Platform Modifications

3: Legacy Platform Modifications (Gauntlet/Loop Track Option)

4: Pedestrian Plans (Gauntlet/Loop Track Option)

SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY



HYBRID RAIL SERVICE DOUBLE TRACKING PLANNING STUDY

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

COVER SHEET

CONTRACT NO. C14003
DRAWING NO. GE-001
REVISION | SHEET NO.
SCALE

DAV68196 Mar 06, 2018 - 11:40am C:\Users\dav68196\appdata\local\temp\AcPublish_6396\209710-CV-DMU-DOUBLETRACK.dwg

GENERAL

GE-001 COVER SHEET
GE-002 SHEET INDEX

TRACKWORK

CV-101 PROPOSED DOUBLE TRACKING TURN BACK TRACK AT EL MONTE STATION - SHEET 1 OF 45
CV-102 PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN - SHEET 2 OF 45
CV-103 PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN - SHEET 3 OF 45
CV-104 PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN - SHEET 4 OF 45
CV-105 PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN - SHEET 5 OF 45
CV-106 PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN - SHEET 6 OF 45
CV-107 PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE - SHEET 7 OF 45
CV-108 PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE - SHEET 8 OF 45
CV-109 PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE - SHEET 9 OF 45
CV-110 PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE - SHEET 10 OF 45
CV-111 PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE - SHEET 11 OF 45
CV-112 PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE - SHEET 12 OF 45
CV-113 PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE - SHEET 13 OF 45
CV-114 PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE - SHEET 14 OF 45
CV-115 PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE - SHEET 15 OF 45
CV-116 PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD - SHEET 16 OF 45
CV-117 PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD - SHEET 17 OF 45
CV-118 PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD - SHEET 18 OF 45
CV-119 PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD - SHEET 19 OF 45
CV-120 PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD - SHEET 20 OF 45
CV-121 PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD - SHEET 21 OF 45
CV-122 PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD - SHEET 22 OF 45
CV-123 PROPOSED DOUBLE TRACKING CP ARCHIBALD TO CP NOLAN - SHEET 23 OF 45
CV-124 PROPOSED DOUBLE TRACKING CP ARCHIBALD TO CP NOLAN - SHEET 24 OF 45
CV-125 PROPOSED DOUBLE TRACKING CP ARCHIBALD TO CP NOLAN - SHEET 25 OF 45
CV-126 PROPOSED DOUBLE TRACKING CP ARCHIBALD TO CP NOLAN - SHEET 26 OF 45
CV-127 PROPOSED DOUBLE TRACKING CP NOLAN TO CP LILAC - SHEET 27 OF 45
CV-128 PROPOSED DOUBLE TRACKING CP NOLAN TO CP LILAC - SHEET 28 OF 45
CV-129 PROPOSED DOUBLE TRACKING CP NOLAN TO CP LILAC - SHEET 29 OF 45
CV-130 PROPOSED DOUBLE TRACKING CP NOLAN TO CP LILAC - SHEET 30 OF 45
CV-131 PROPOSED DOUBLE TRACKING CP LILAC TO SAN BERNARDINO SF - SHEET 31 OF 45
CV-132 PROPOSED DOUBLE TRACKING CP LILAC TO SAN BERNARDINO SF - SHEET 32 OF 45
CV-133 PROPOSED DOUBLE TRACKING CP LILAC TO SAN BERNARDINO SF - SHEET 33 OF 45
CV-134 PROPOSED DOUBLE TRACKING CP LILAC TO SAN BERNARDINO SF - SHEET 34 OF 45
CV-135 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 35 OF 45
CV-136 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 36 OF 45
CV-137 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 37 OF 45
CV-138 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 38 OF 45
CV-139 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 39 OF 45
CV-140 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 40 OF 45
CV-141 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 41 OF 45
CV-142 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 42 OF 45
CV-143 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 43 OF 45
CV-144 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 44 OF 45
CV-145 PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY - SHEET 45 OF 45

NOTES:

1. THE FOLLOWING PACKAGE CONTAINS ONLY PROPOSED DOUBLE TRACKING. EXISTING DOUBLE TRACKING THROUGHOUT THE CORRIDOR IS NOT SHOWN.
2. PROPOSED GOLD LINE, MODIFIED METROLINK, AND MODIFIED FREIGHT TRACKS REFLECT PLANS FROM GOLD LINE FOOTHILL EXTENSION PHASE 2B ADVANCED CONCEPTUAL ENGINEERING DATED JUNE 15, 2017.
3. PROPOSED SBCTA DOUBLE TRACKING SEGMENTS REFLECT PLANS FROM THE SAN BERNARDINO LINE STRATEGIC PLAN DATED JUNE, 2014.
   A. SEGMENT 1: LONE HILL AVE TO CP WHITE
   B. SEGMENT 2: CP CENTRAL TO CP ARCHIBALD
   C. SEGMENT 3: CP LILAC TO CP RANCHO

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/12/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

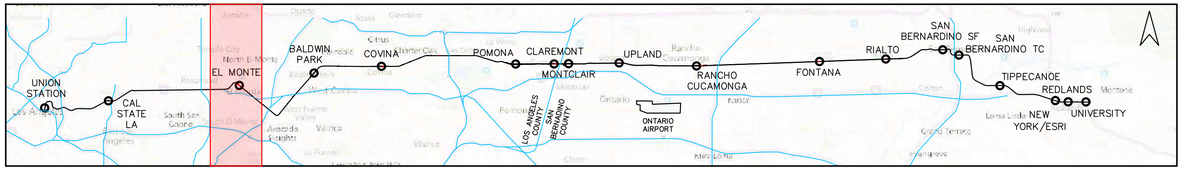
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

SHEET INDEX

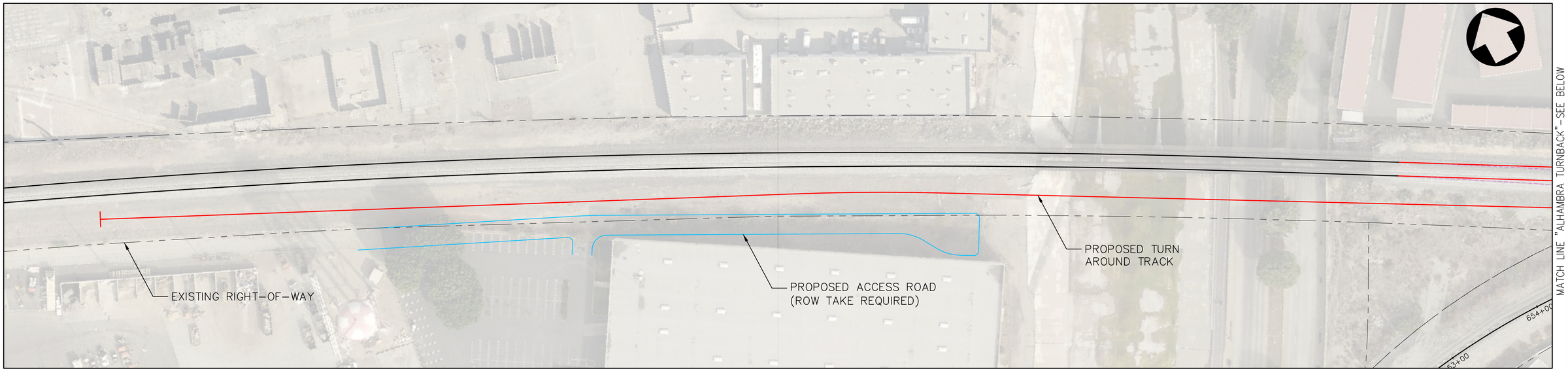
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DRAWING NO. GE-002
REVISION
SHEET NO.
SCALE

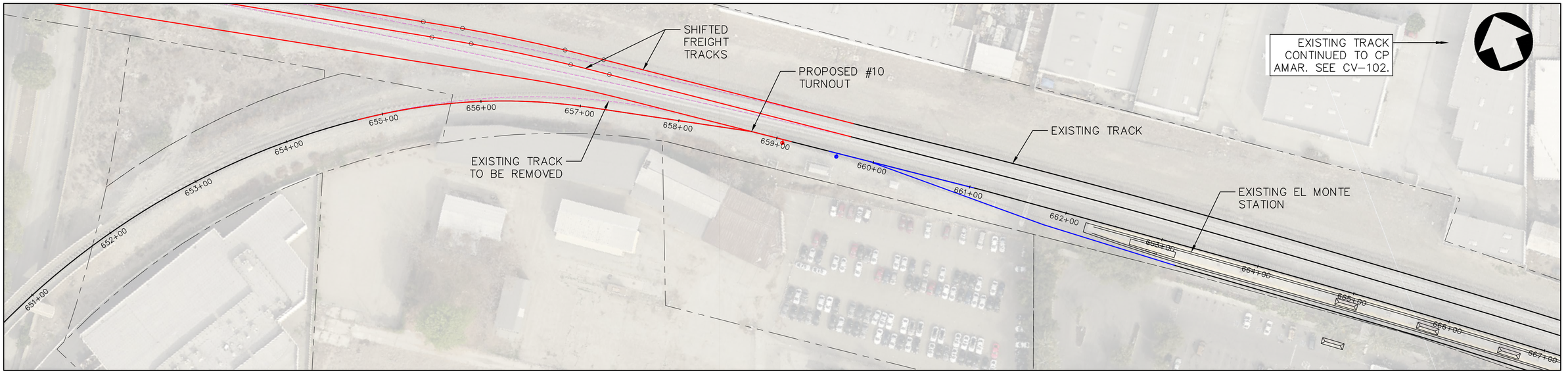
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LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK





50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

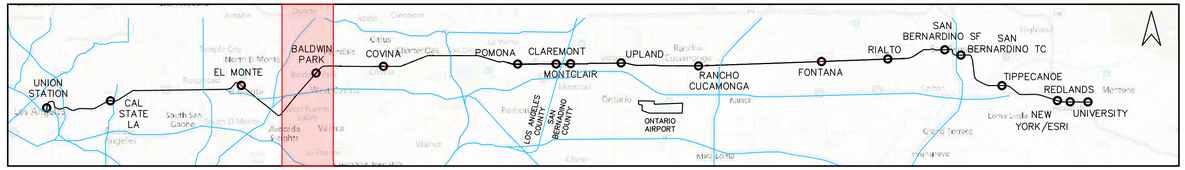
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING TURN BACK TRACK AT EL MONTE STATION

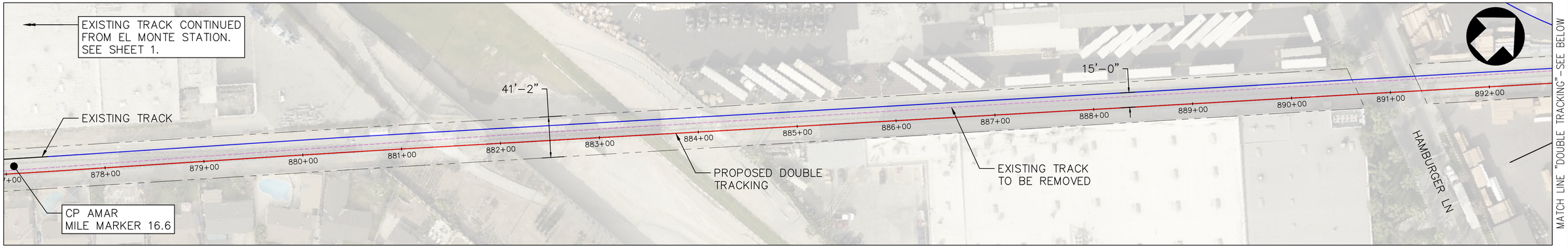
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DRAWING NO. CV-101
REVISION
SHEET NO. 1
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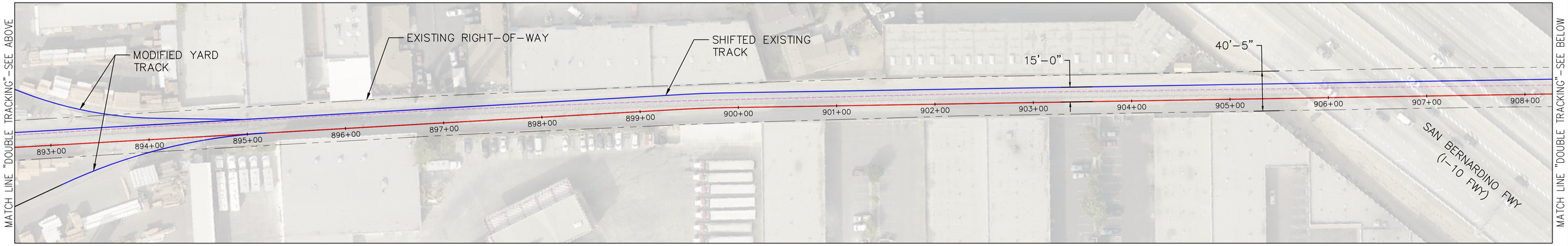
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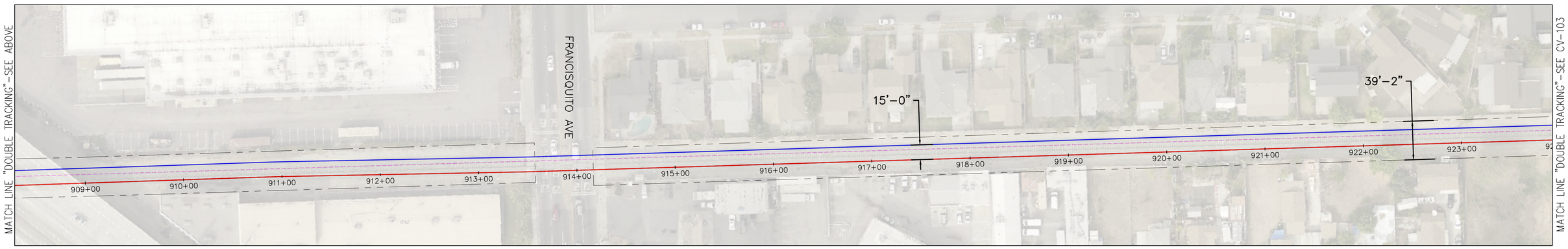


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT–OF–WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority
SUBMITTED: _____

MOTT MACDONALD
APPROVED: _____

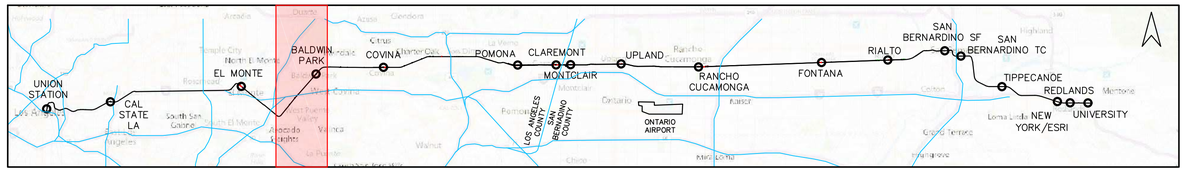
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN

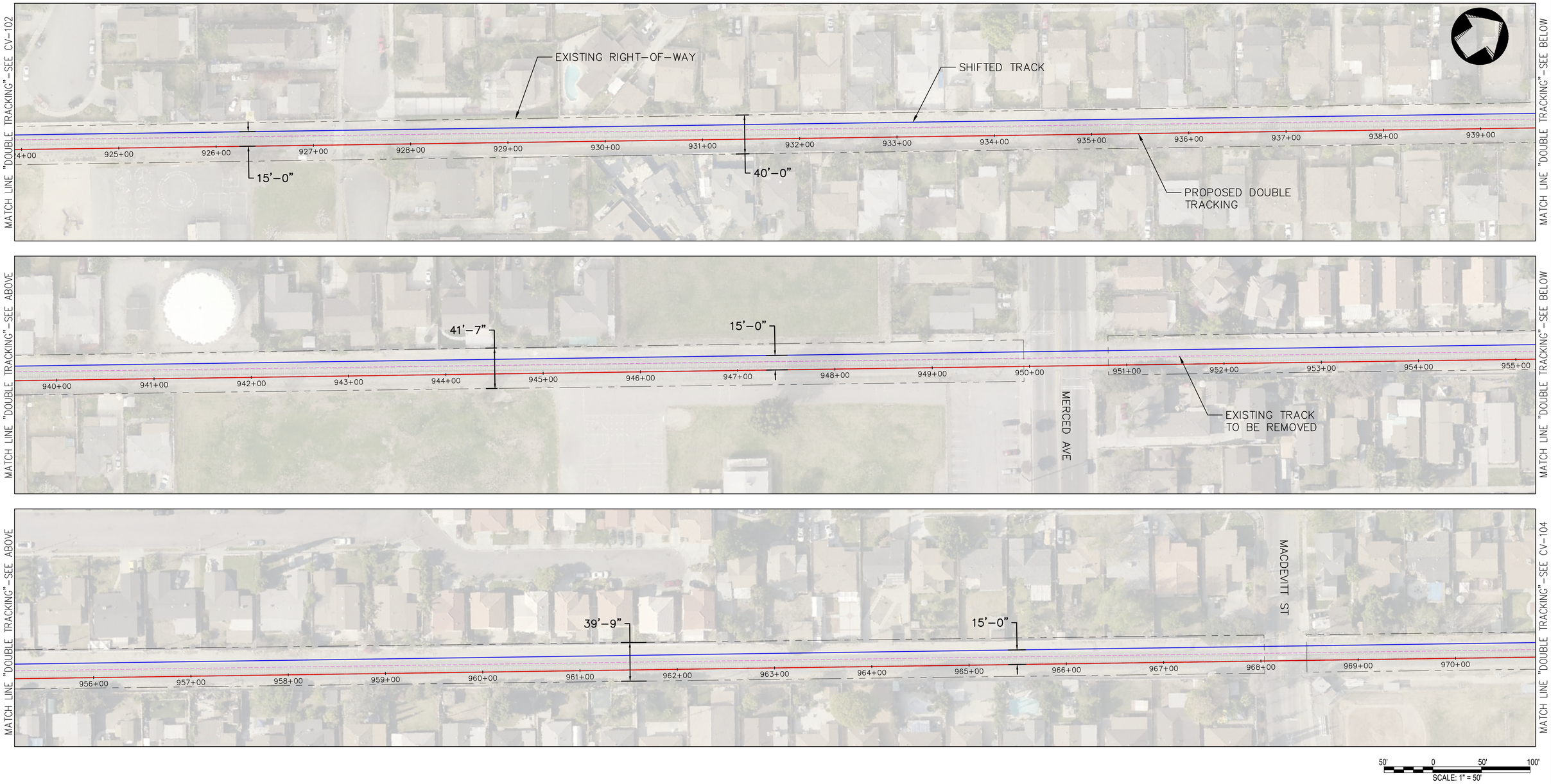
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DRAWING NO. CV–102
REVISION
SHEET NO. 2
SCALE AS SHOWN

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LEGEND

- EXISTING TRACK/RPRP TRACK
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- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK



50' 0 50' 100'
SCALE: 1" = 50'

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DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

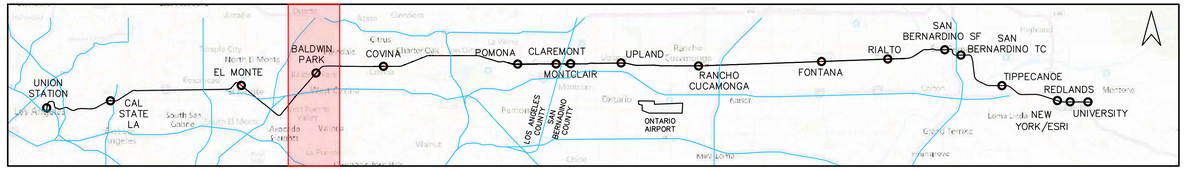
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN

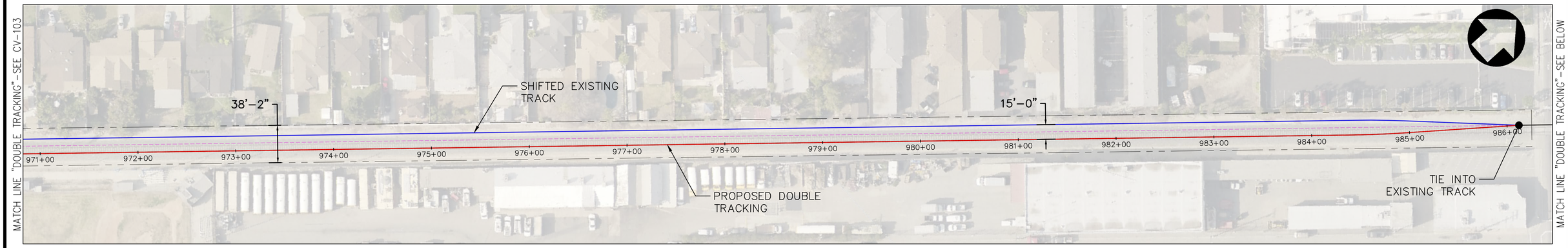
CONTRACT NO. C14003
DRAWING NO. CV–103
REVISION
SHEET NO. 3
SCALE AS SHOWN

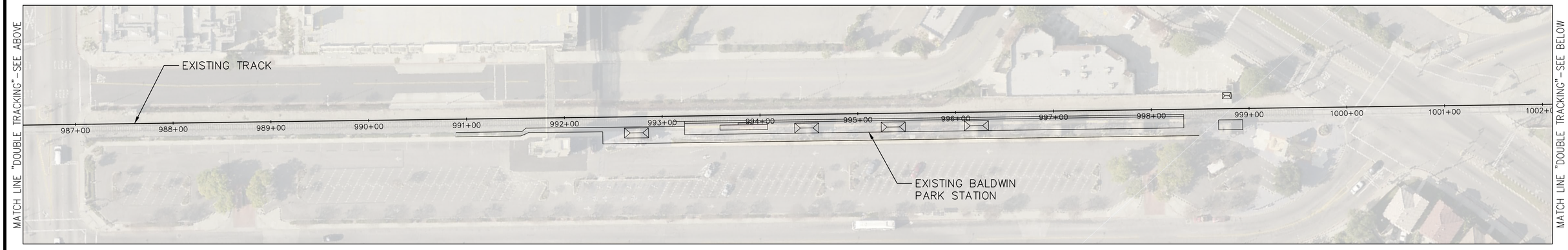
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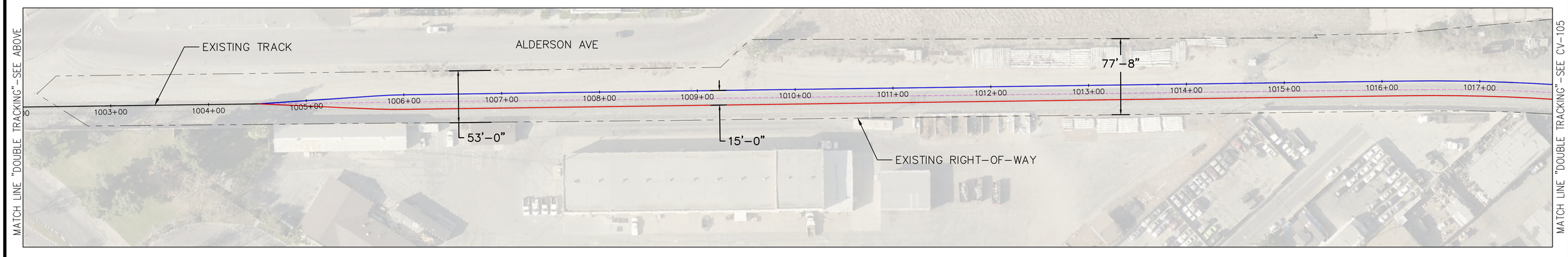


LEGEND

- EXISTING TRACK/RPRP TRACK
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- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
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- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

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DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
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sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

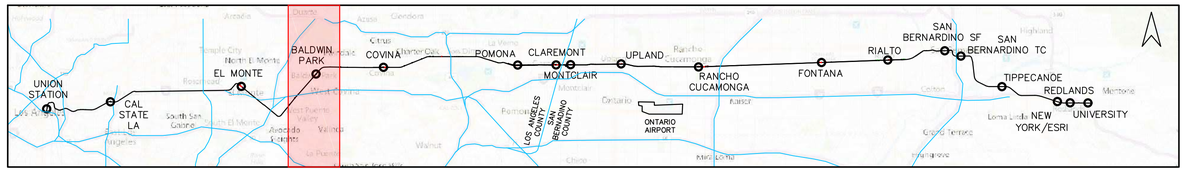
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN

CONTRACT NO. C14003
DRAWING NO. CV-104
REVISION
SHEET NO. 4
SCALE AS SHOWN

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LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK

MATCH LINE "DOUBLE TRACKING"-SEE CV-104

LOS ANGELES ST

15'-0"

EXISTING TRACK TO BE REMOVED

33'-1"

1018+00 1019+00 1020+00 1021+00 1022+00 1023+00 1024+00 1025+00 1026+00 1027+00 1028+00 1029+00 1030+00 1031+00 1032+00 1033+00

MATCH LINE "DOUBLE TRACKING"-SEE BELOW

MATCH LINE "DOUBLE TRACKING"-SEE ABOVE

EXISTING RIGHT-OF-WAY

34'-0"

15'-0"

LOS ANGELES ST

1035+00 1036+00 1037+00 1038+00 1039+00 1040+00 1041+00 1042+00 1043+00 1044+00 1045+00 1046+00 1047+00 1048+00 1049+00 1050+00

AZUSA CANYON RD

MATCH LINE "DOUBLE TRACKING"-SEE BELOW

MATCH LINE "DOUBLE TRACKING"-SEE ABOVE

MODIFIED FREIGHT TRACK

SHIFTED EXISTING TRACK

32'-11"

15'-0"

1051+00 1052+00 1053+00 1054+00 1055+00 1056+00 1057+00 1058+00 1059+00 1060+00 1061+00 1062+00 1063+00 1064+00 1065+00

PROPOSED DOUBLE TRACKING

MATCH LINE "DOUBLE TRACKING"-SEE CV-106

50' 0 50' 100'

SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

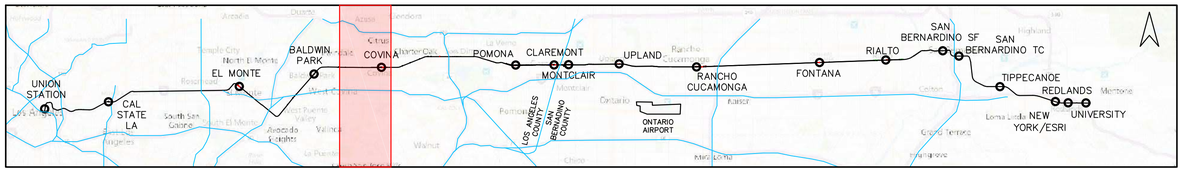
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN

CONTRACT NO. C14003
DRAWING NO. CV-105
REVISION
SHEET NO. 5
SCALE AS SHOWN

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LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT–OF–WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK

MATCH LINE "DOUBLE TRACKING" – SEE CV–105

49'–2"

15'–0"

IRWINDALE AVE

CP IRWIN
MILE POST 20.4

EXISTING TRACK
TO BE REMOVED

EXISTING RIGHT–OF–WAY

1066+00 1067+00 1068+00 1069+00 1070+00 1071+00 1072+00 1073+00 1074+00 1075+00 1076+00 1077+00 1078+00 1079+00 1080+00 1081+00

MATCH LINE "DOUBLE TRACKING" – SEE BELOW

MATCH LINE "DOUBLE TRACKING" – SEE ABOVE

EXISTING TRACK

EXISTING TRACK
CONTINUED TO COVINA
STATION. SEE BLOW

1082+00 1083+00 1084+00 1085+00 1086+00 1087+00 1088+00 1089+00 1090+00 1091+00 1092+00 1093+00 1094+00 1095+00 1096+00 1097+00

EXISTING TRACK
CONTINUED FROM CP
IRWIN. SEE ABOVE.

PROPOSED #20
CROSSOVER

EXISTING COVINA
STATION

1201+00 1202+00 1203+00 1204+00 1205+00 1206+00 1207+00 1208+00 1209+00 1210+00 1211+00 1212+00 1213+00 1214+00 1215+00

MATCH LINE "DOUBLE TRACKING" – SEE CV–107

50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

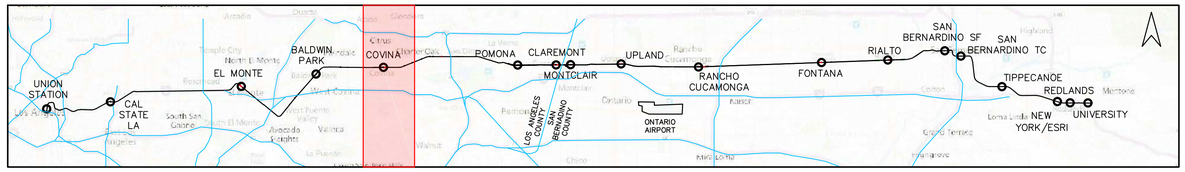
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HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP AMAR TO CP IRWIN

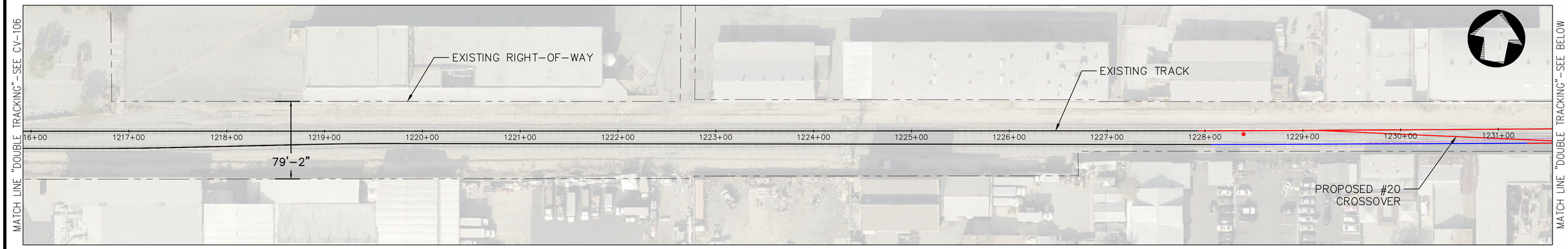
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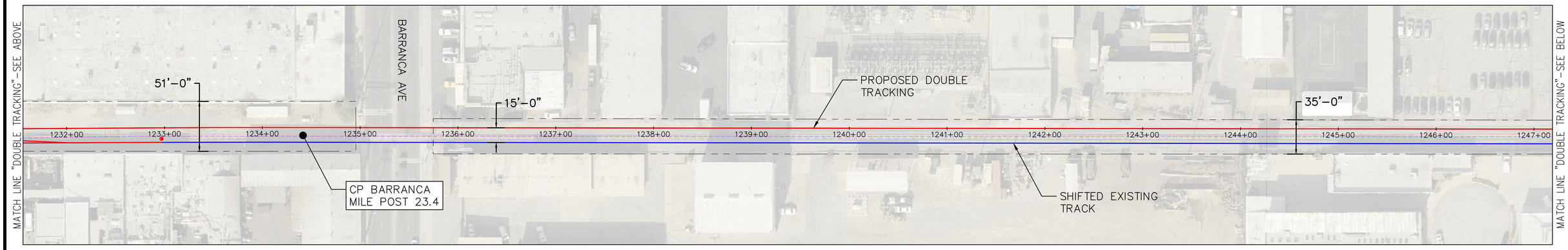
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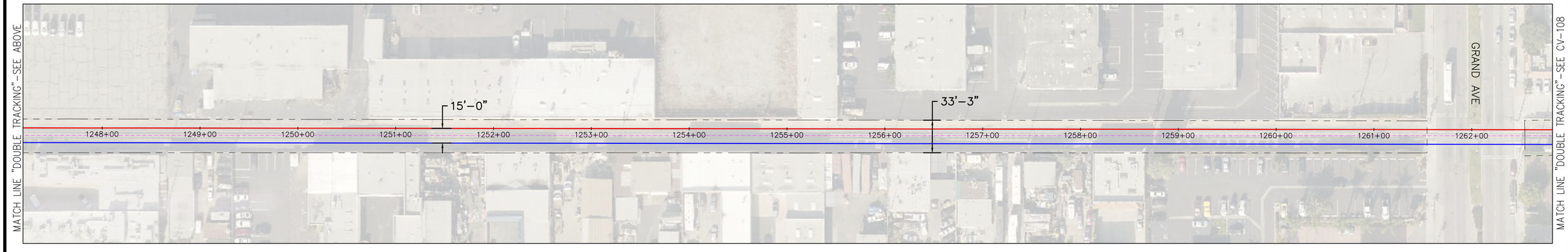


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT–OF–WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
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50' 0 50' 100'
SCALE: 1" = 50'

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DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

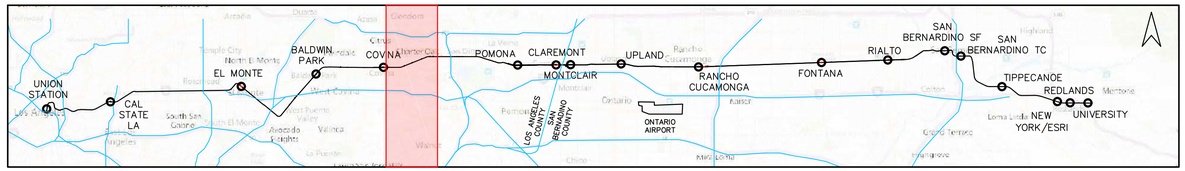
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE

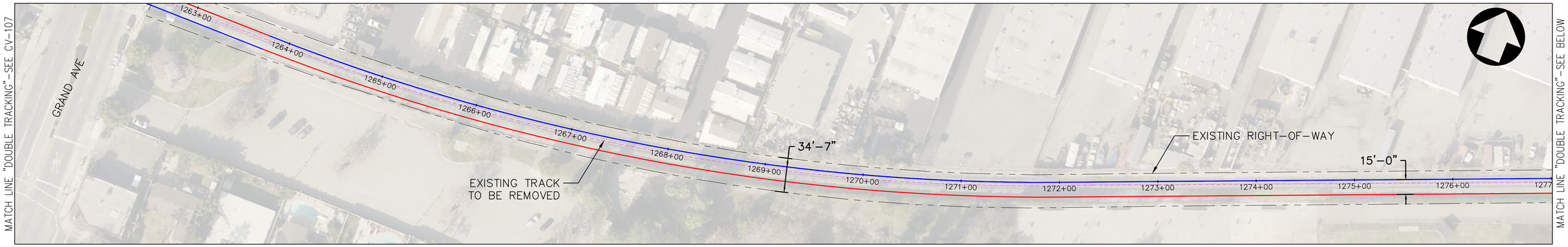
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DRAWING NO. CV–107
REVISION
SHEET NO. 7
SCALE AS SHOWN

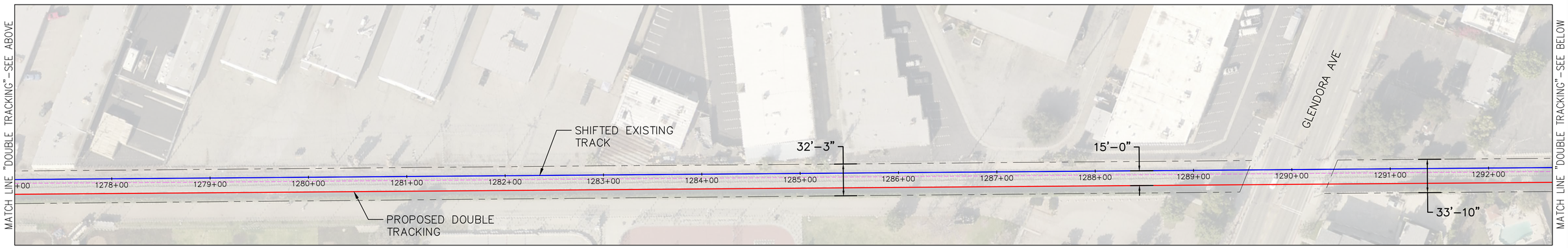
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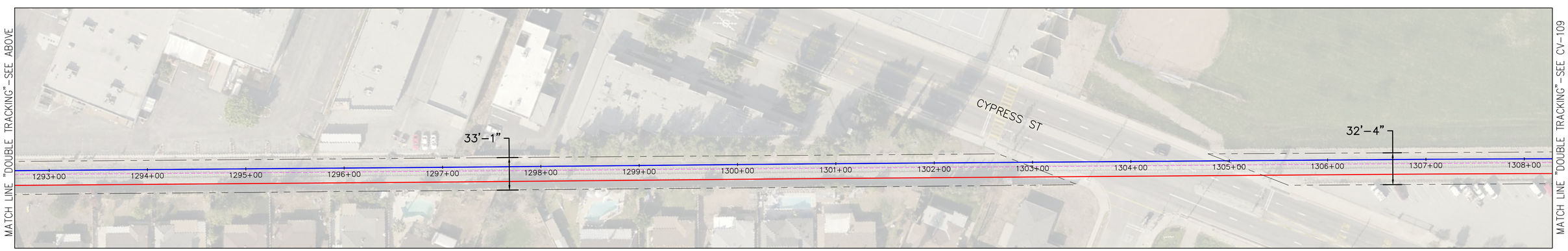


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority
SUBMITTED: _____

MOTT MACDONALD
APPROVED: _____

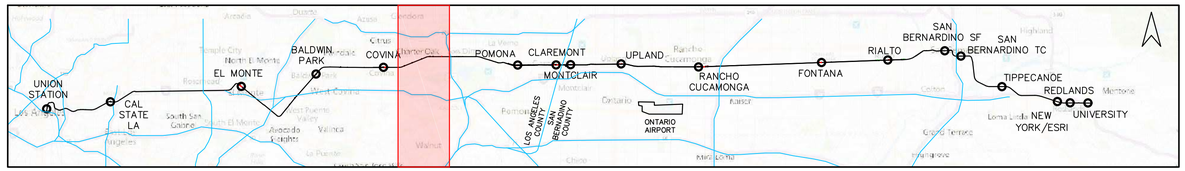
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE

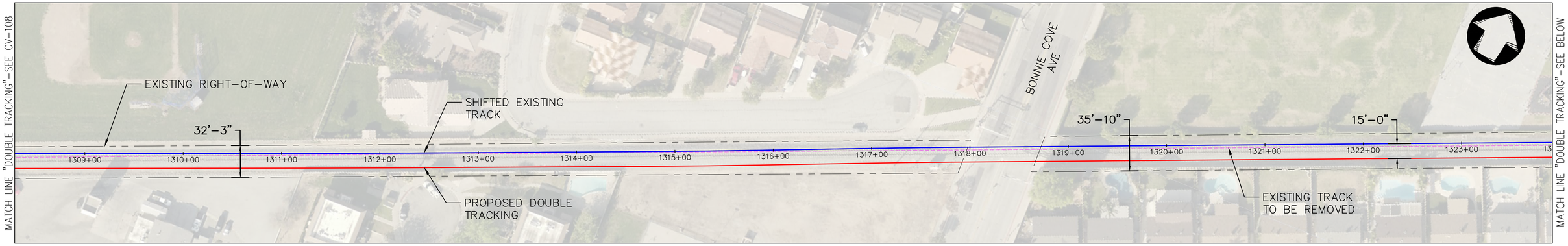
CONTRACT NO. C14003
DRAWING NO. CV-108
REVISION
SHEET NO. 8
SCALE AS SHOWN

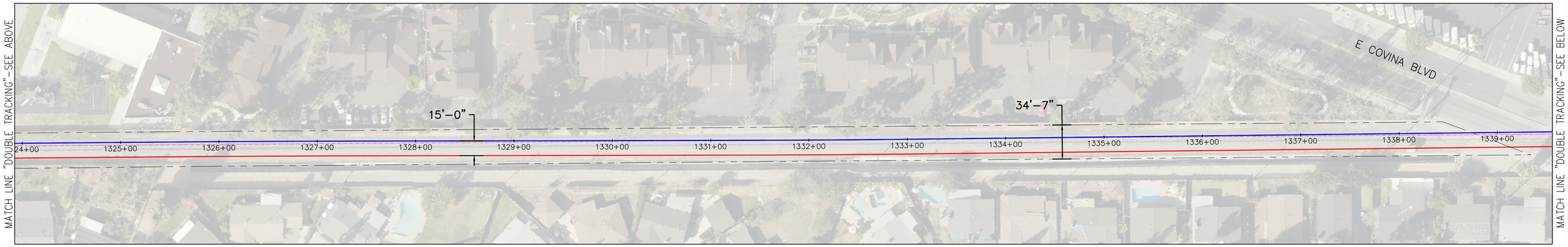
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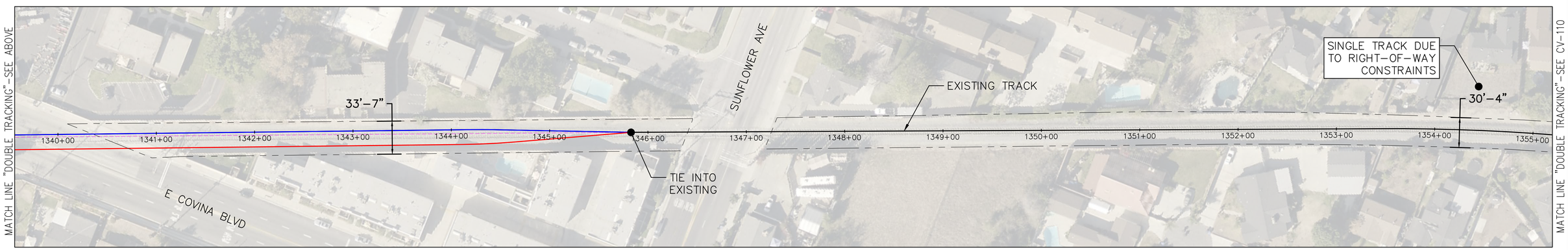


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority
SUBMITTED: _____

MOTT MACDONALD
APPROVED: _____

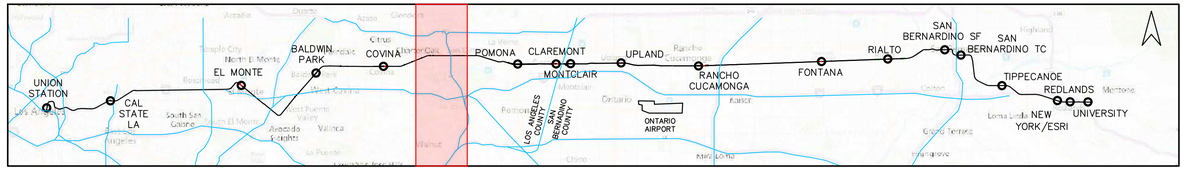
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE

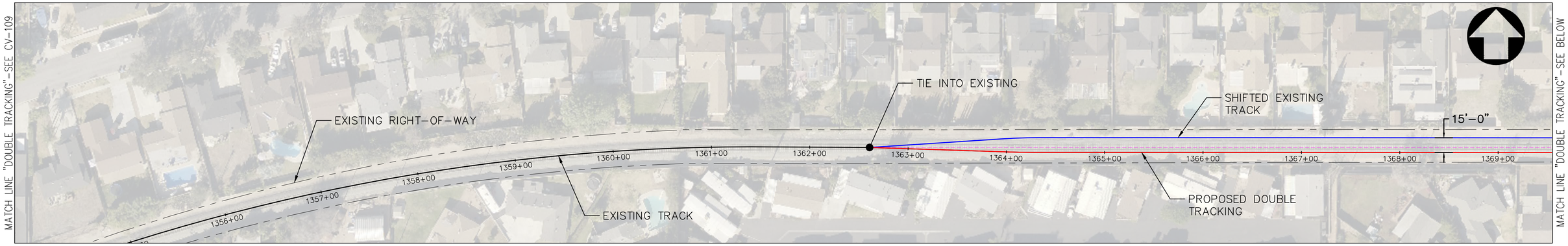
CONTRACT NO. C14003
DRAWING NO. CV-109
REVISION
SHEET NO. 9
SCALE AS SHOWN

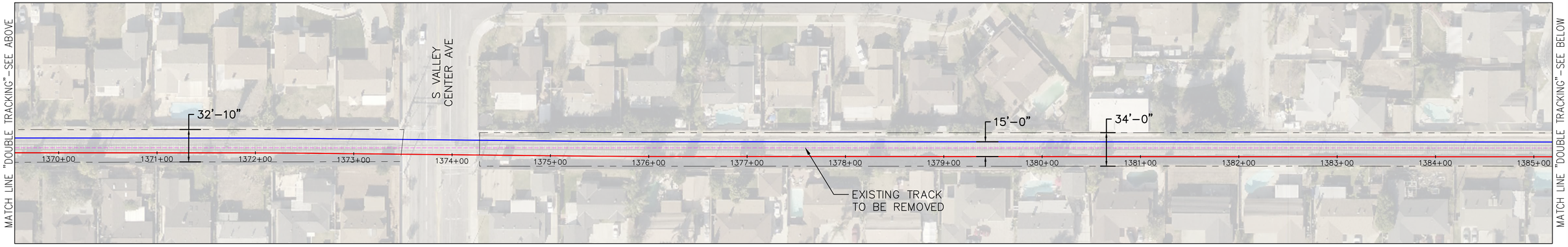
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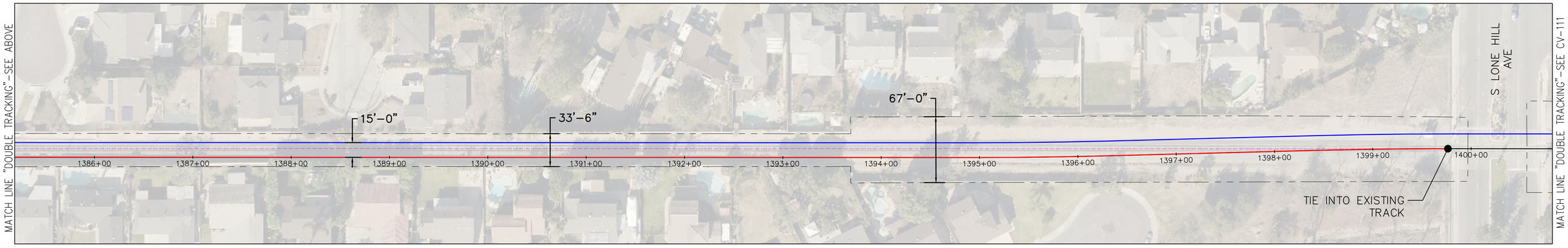


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT–OF–WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

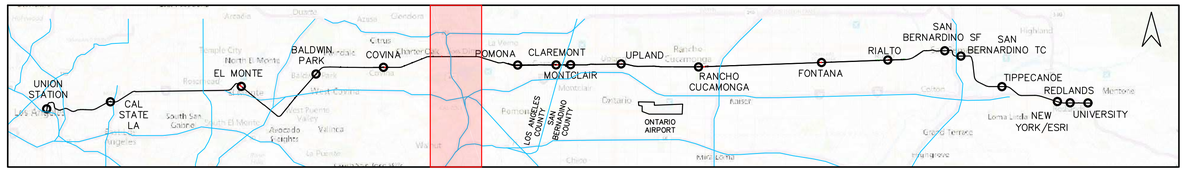
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP BARRANCA AND CP WHITE

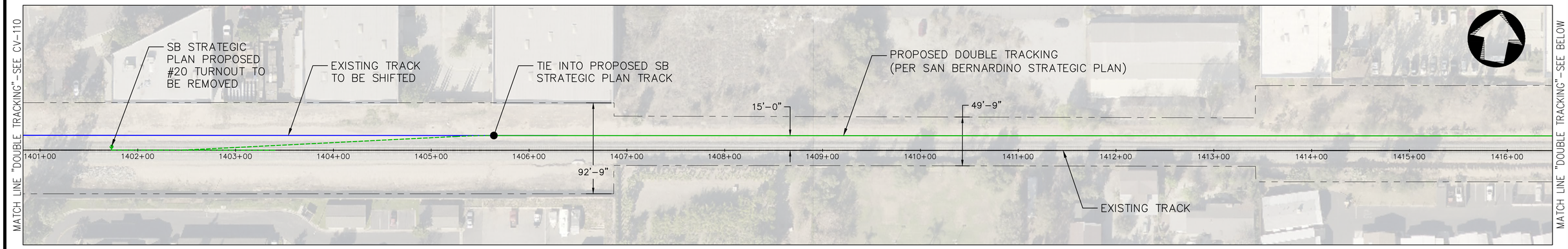
CONTRACT NO. C14003
DRAWING NO. CV–110
REVISION
SHEET NO. 10
SCALE AS SHOWN

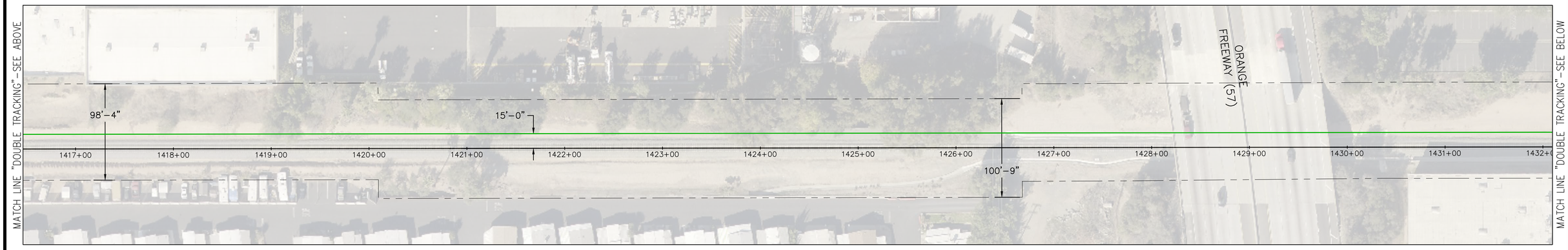
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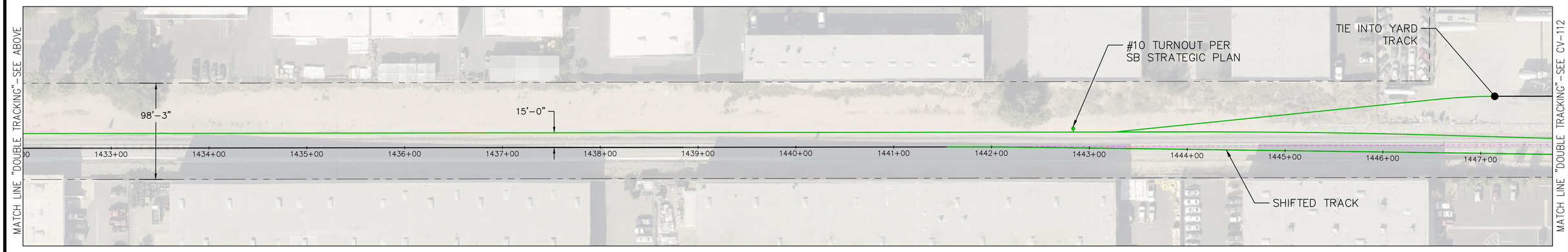


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

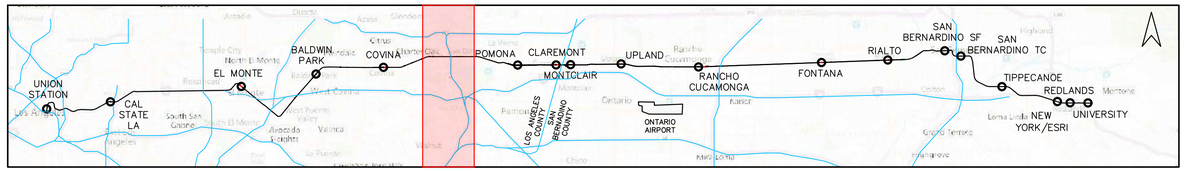
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE

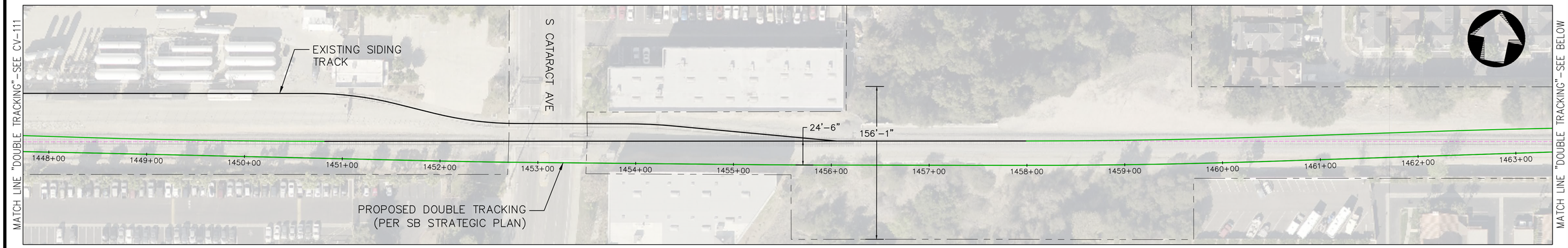
CONTRACT NO. C14003
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REVISION
SHEET NO. 11
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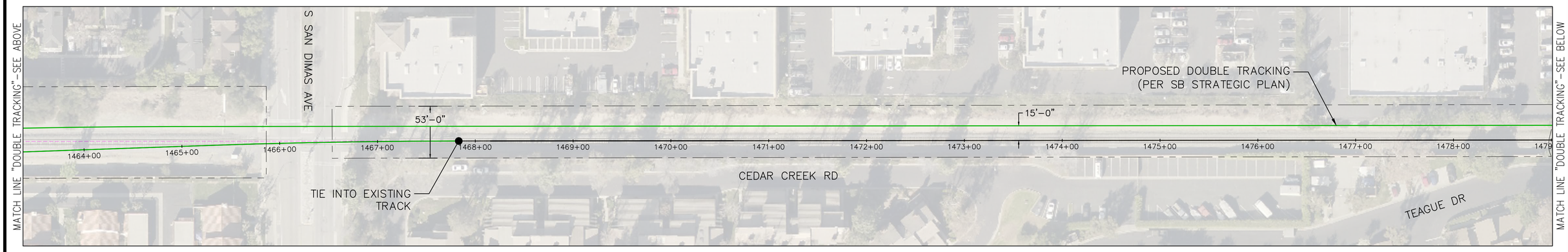
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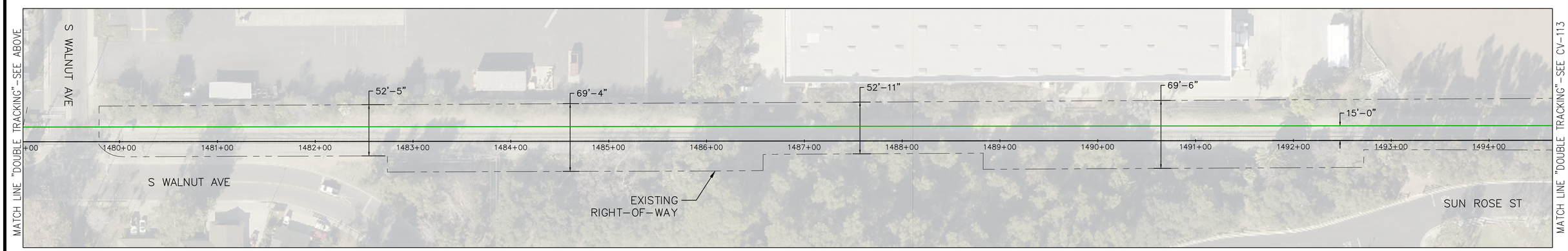


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

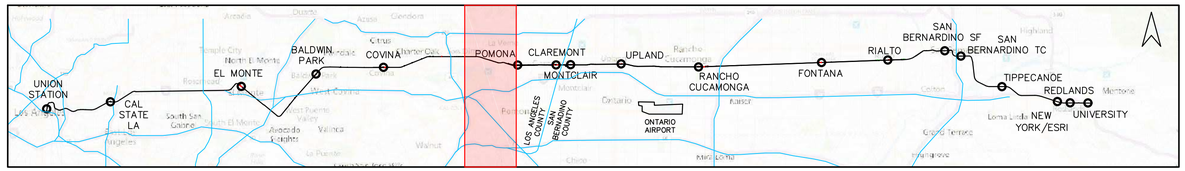
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE

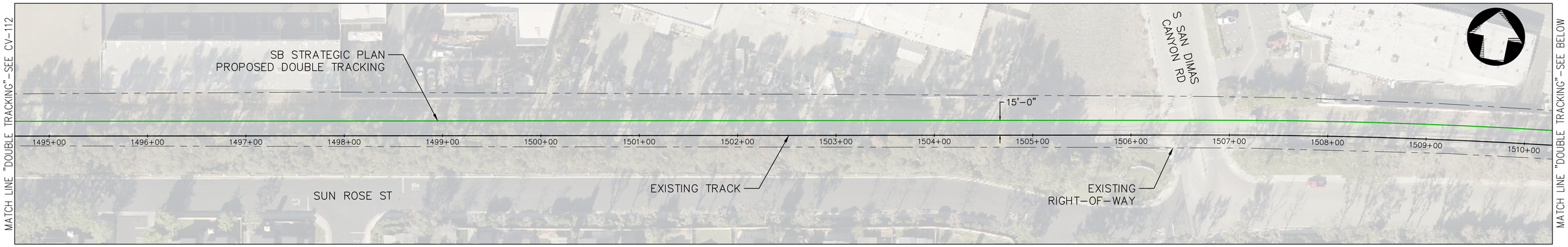
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DRAWING NO. CV-112
REVISION
SHEET NO. 12
SCALE AS SHOWN

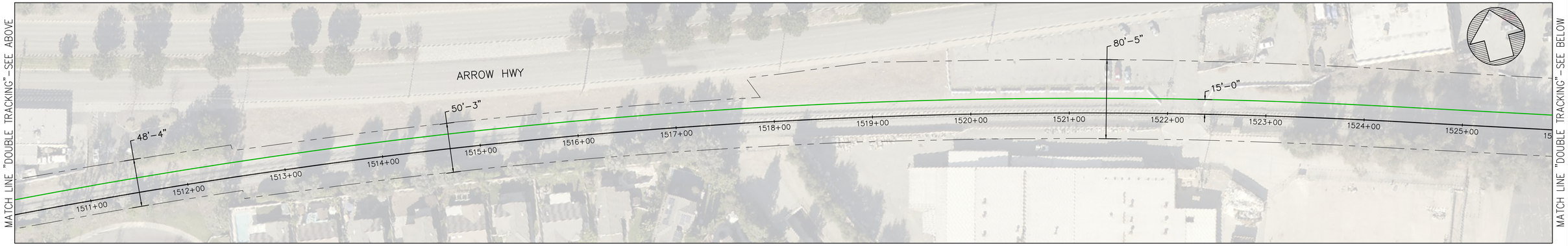
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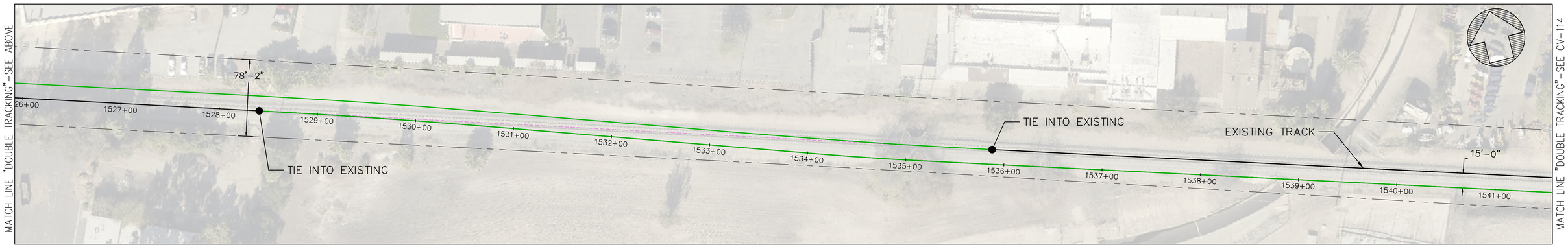


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

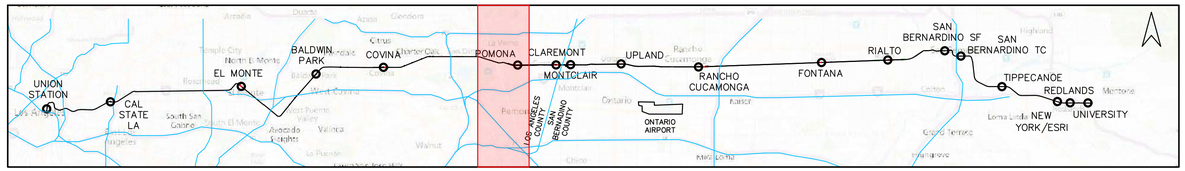
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE

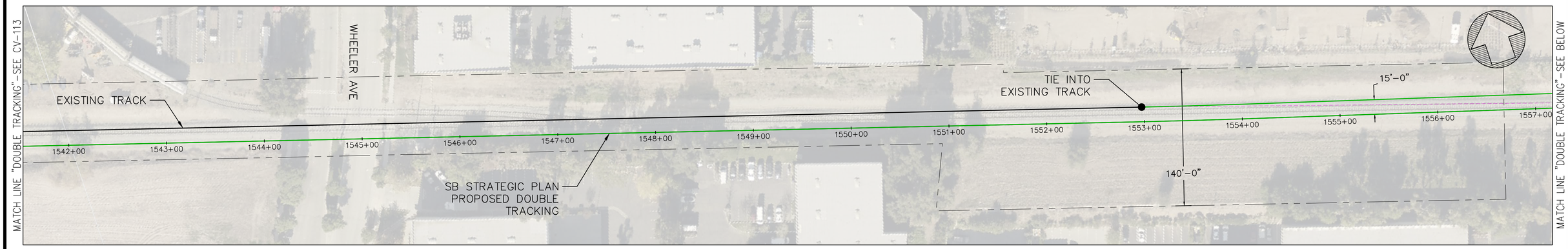
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DRAWING NO. CV-113
REVISION
SHEET NO. 13
SCALE AS SHOWN

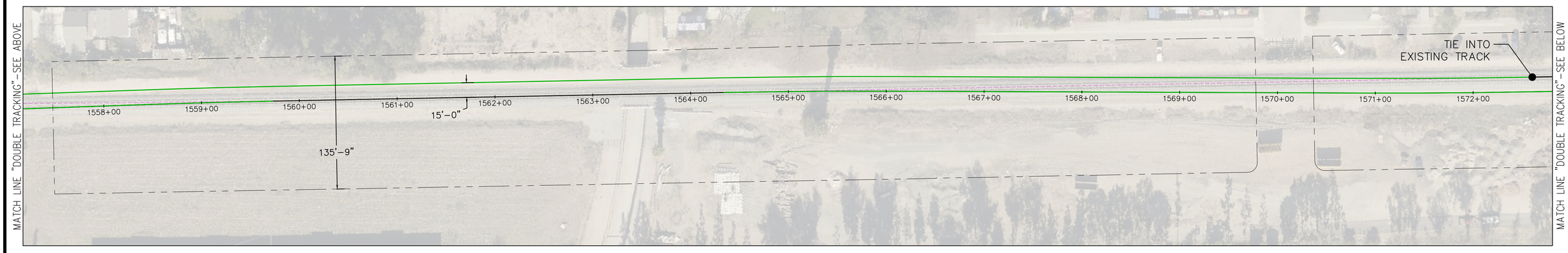
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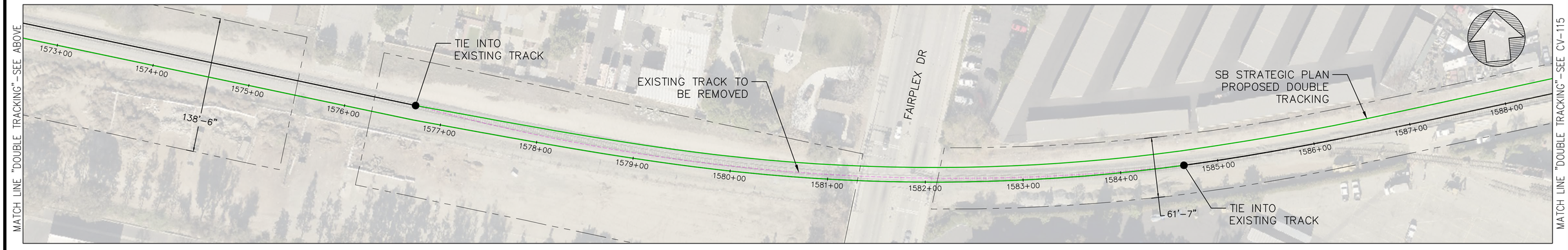


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

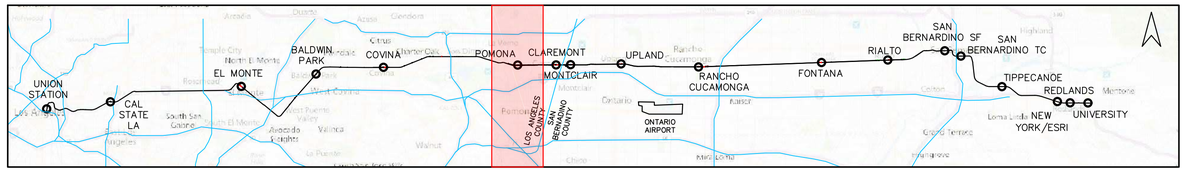
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE

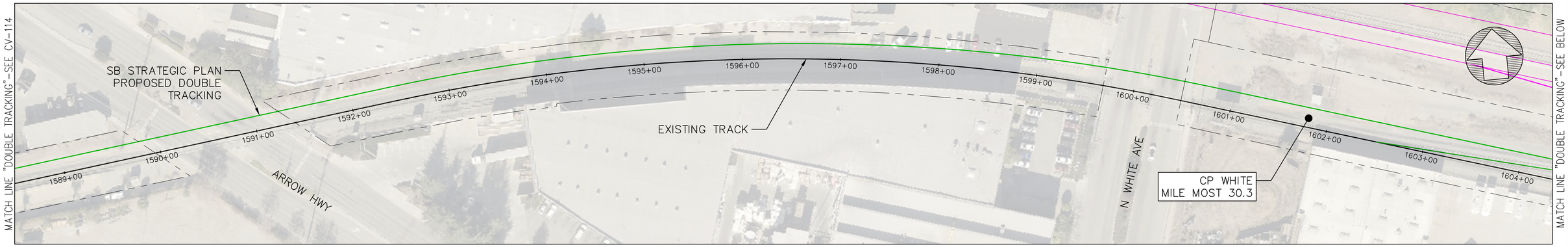
CONTRACT NO. C14003
DRAWING NO. CV-114
REVISION
SHEET NO. 14
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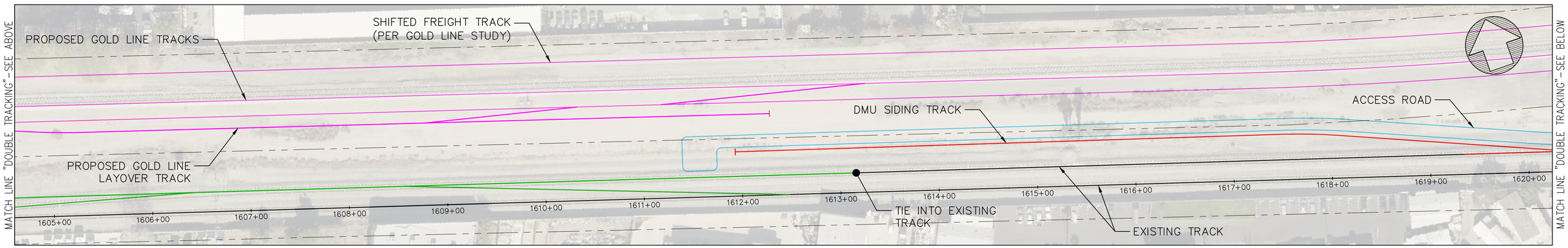
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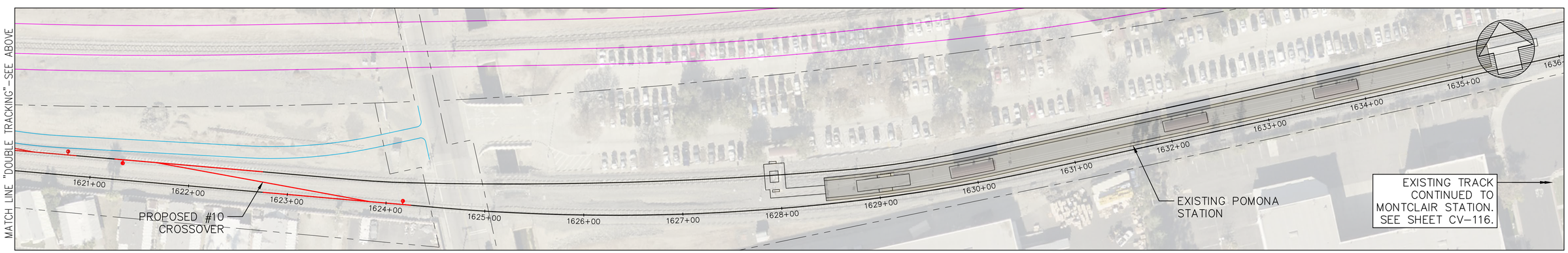


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

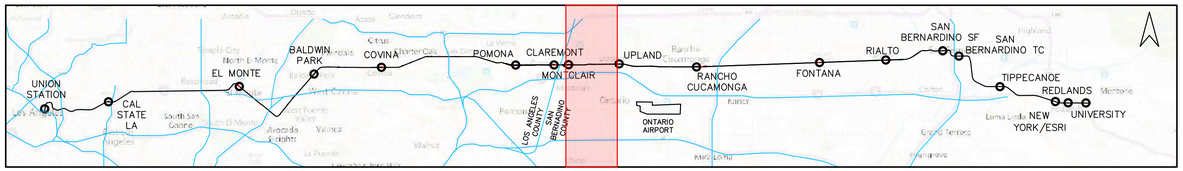
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP BARRANCA TO CP WHITE

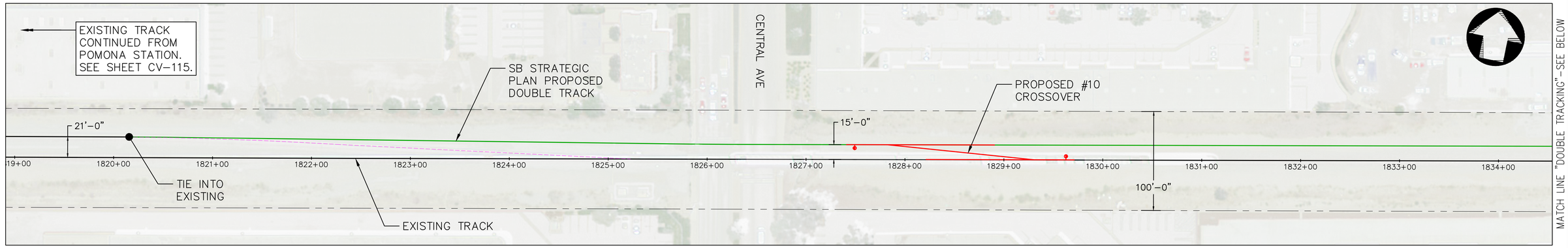
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REVISION
SHEET NO. 15
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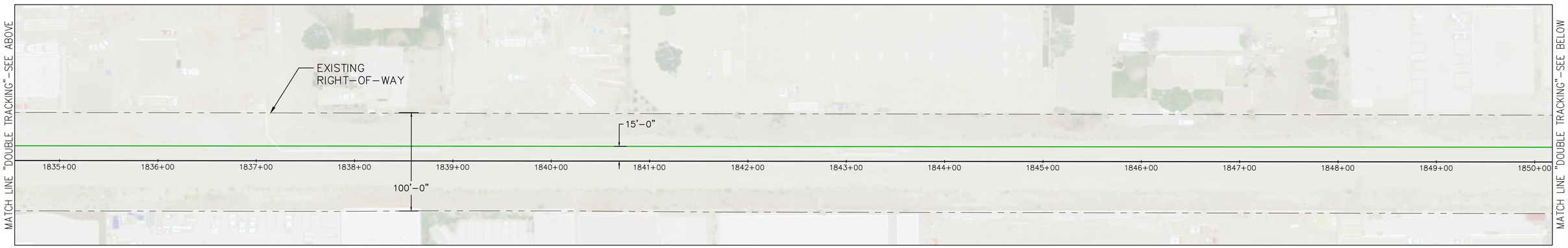
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Mar 06, 2018 - 11:47am C:\Users\da\088196\xppdata\local\temp\AcPublish_8396\309710-CV-DMU-DOUBLETRACK.dwg

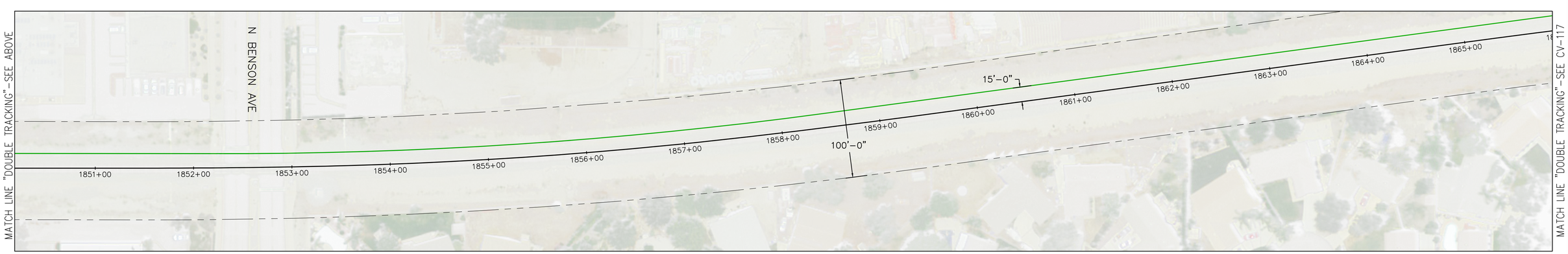


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

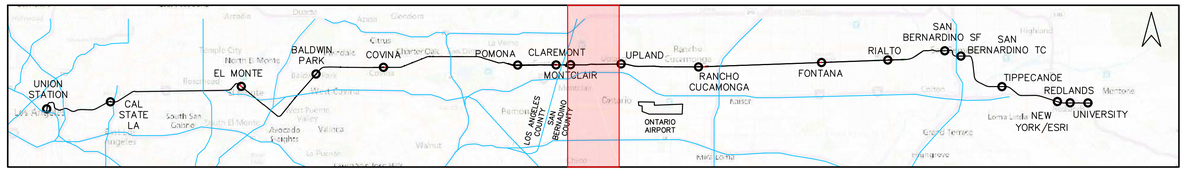
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD

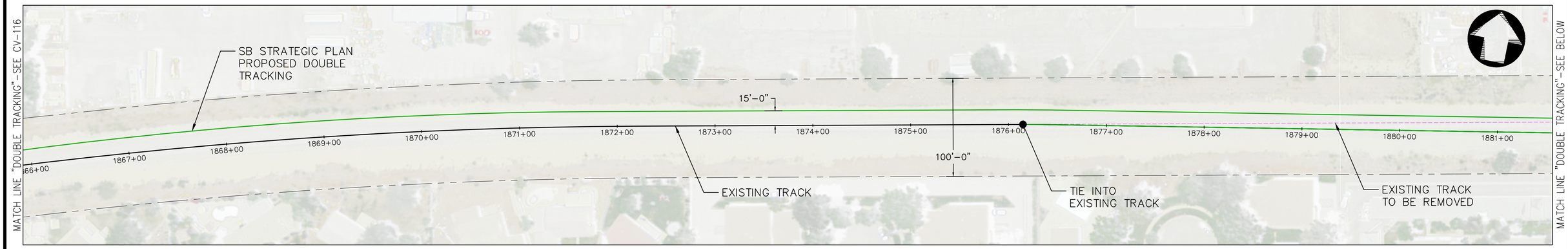
CONTRACT NO. C14003
DRAWING NO. CV-116
REVISION
SHEET NO. 16
SCALE AS SHOWN

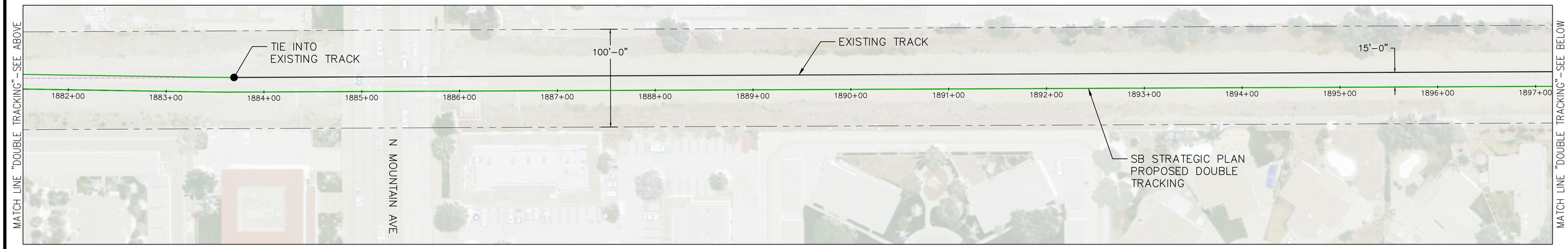
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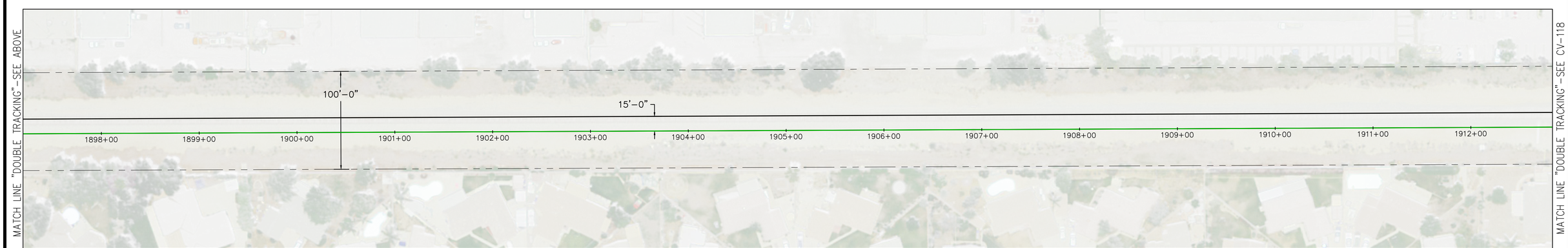


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

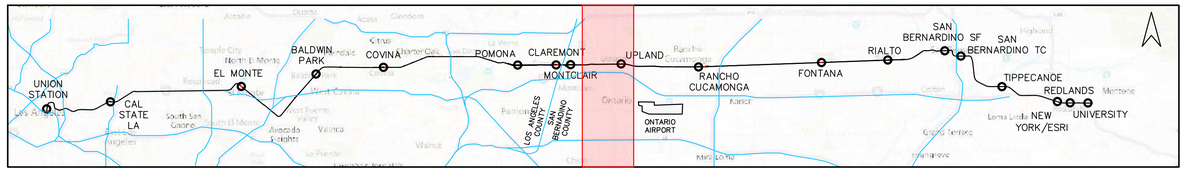
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD

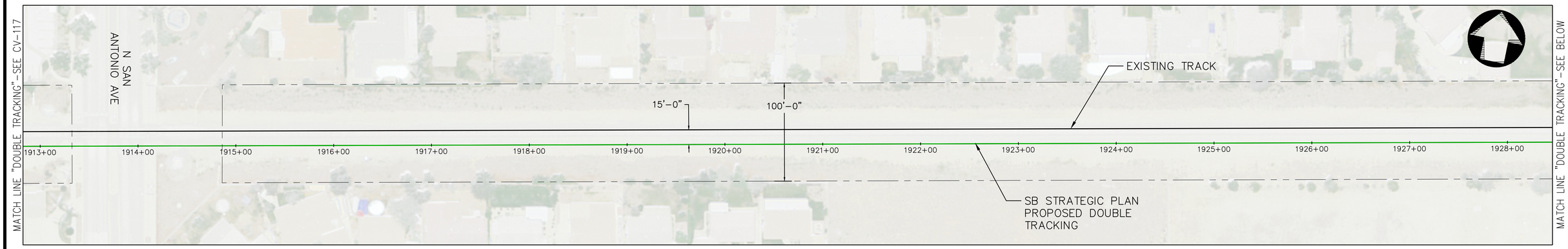
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DRAWING NO. CV-117
REVISION
SHEET NO. 17
SCALE AS SHOWN

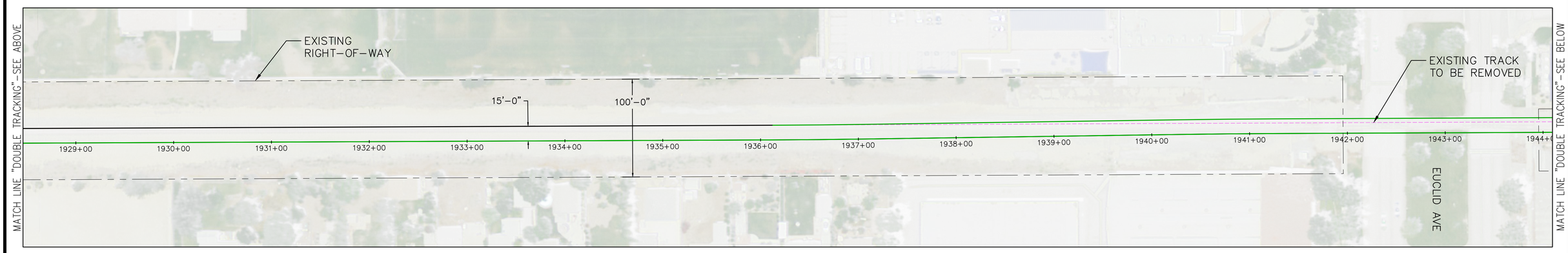
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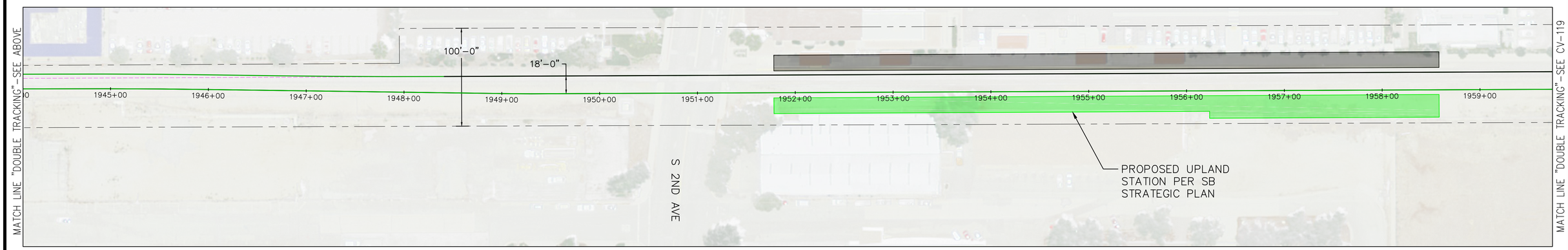


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

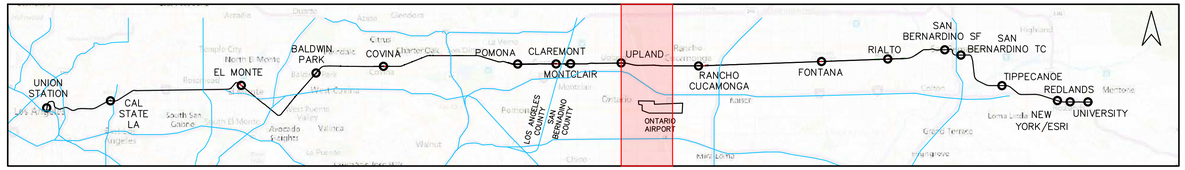
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD

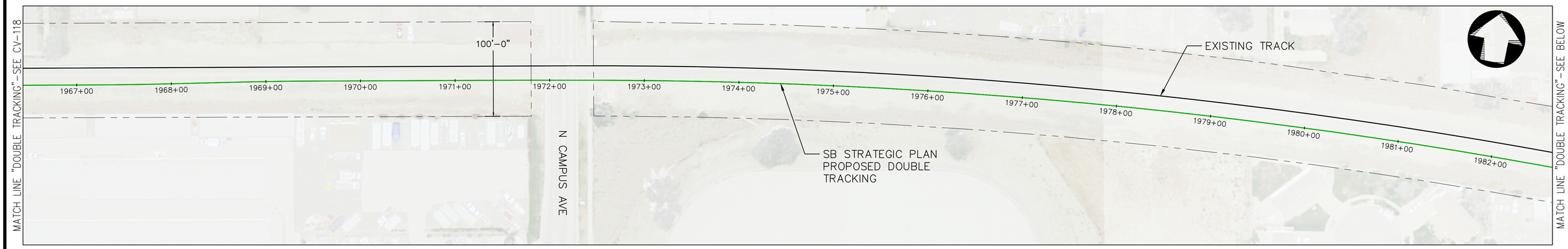
CONTRACT NO. C14003
DRAWING NO. CV-118
REVISION
SHEET NO. 18
SCALE AS SHOWN

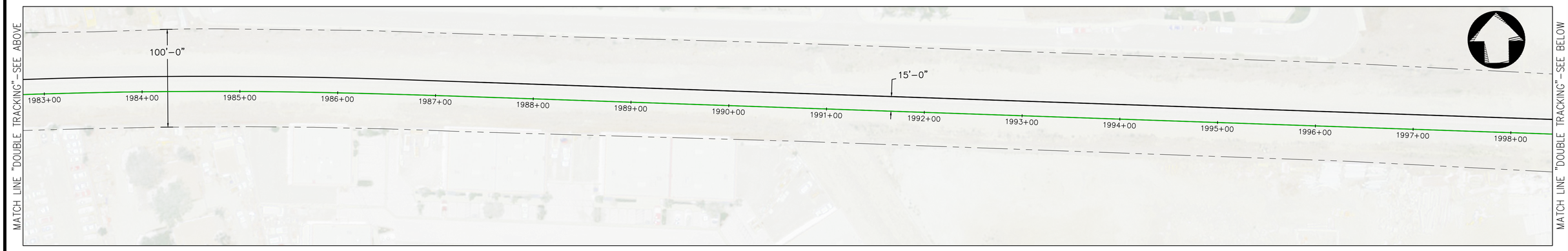
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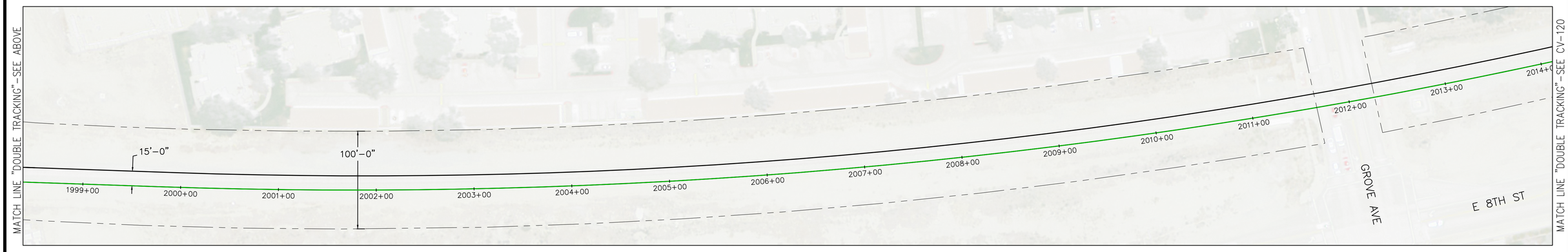


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

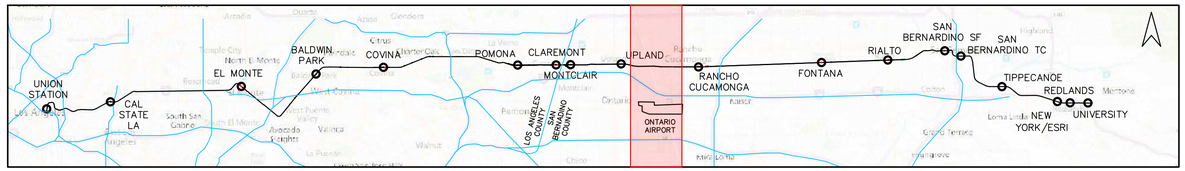
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD

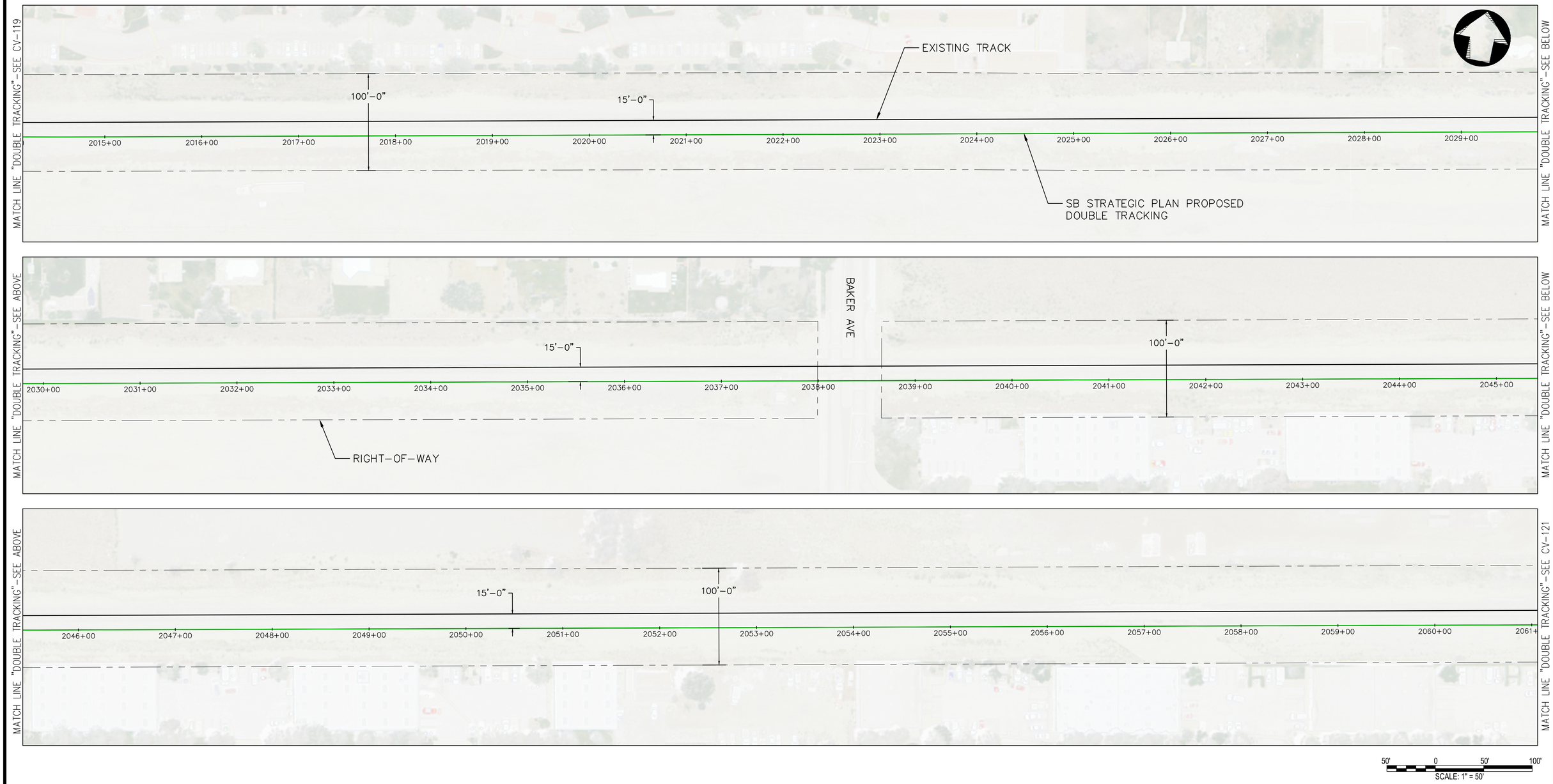
CONTRACT NO. C14003
DRAWING NO. CV-119
REVISION
SHEET NO. 19
SCALE AS SHOWN

DAV68196 Mar 06, 2018 - 11:49am C:\Users\dav68196\appdata\local\temp\AcPublish_8396\309710-CV-DMU-DOUBLETRACK.dwg



LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK



REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

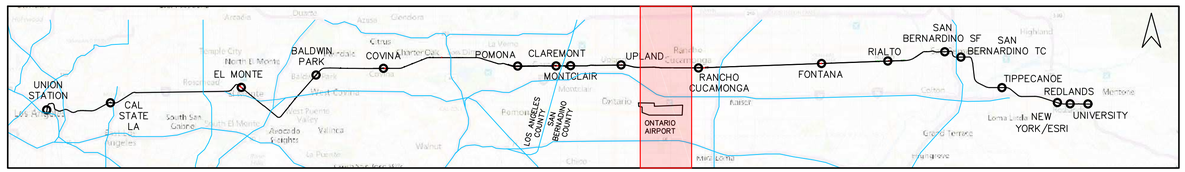
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD

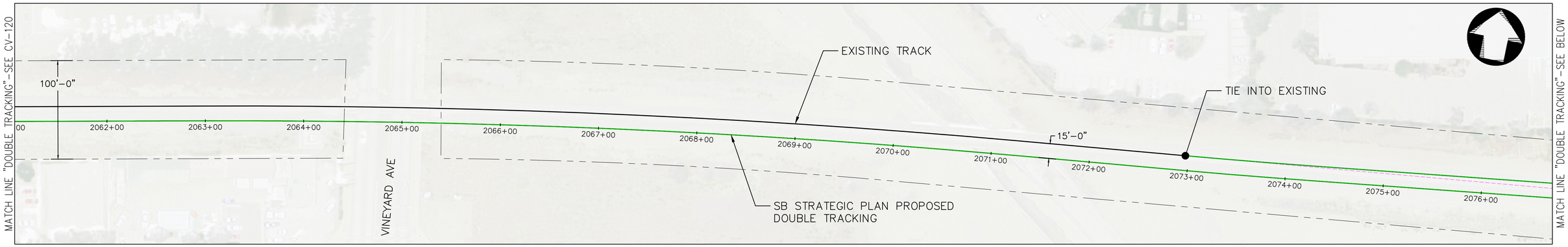
CONTRACT NO. C14003
DRAWING NO. CV-120
REVISION
SHEET NO. 20
SCALE AS SHOWN

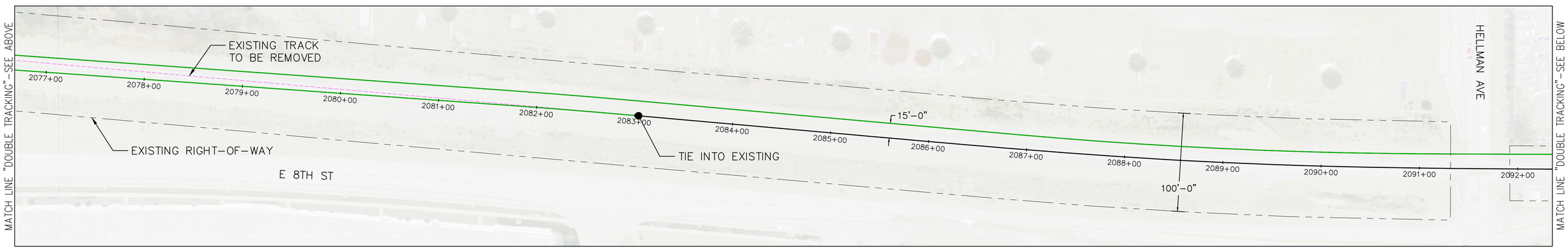
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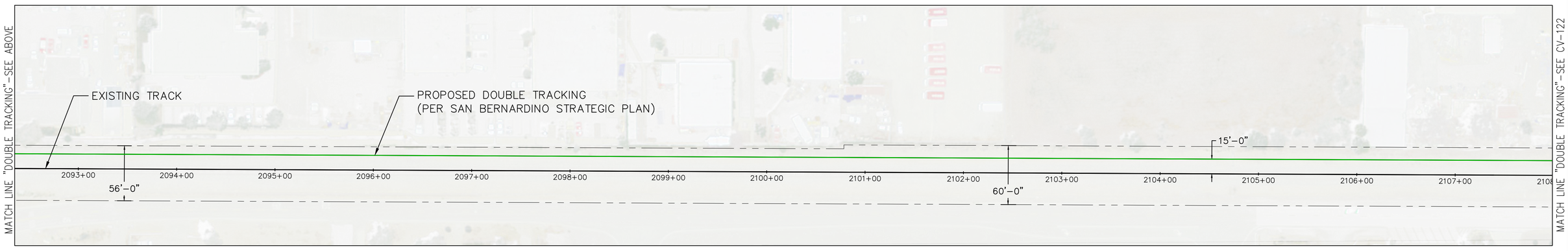


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

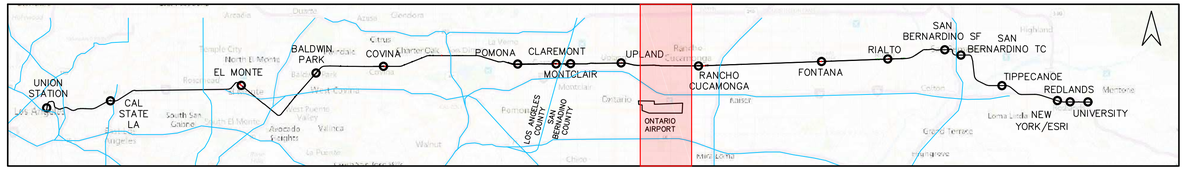
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD

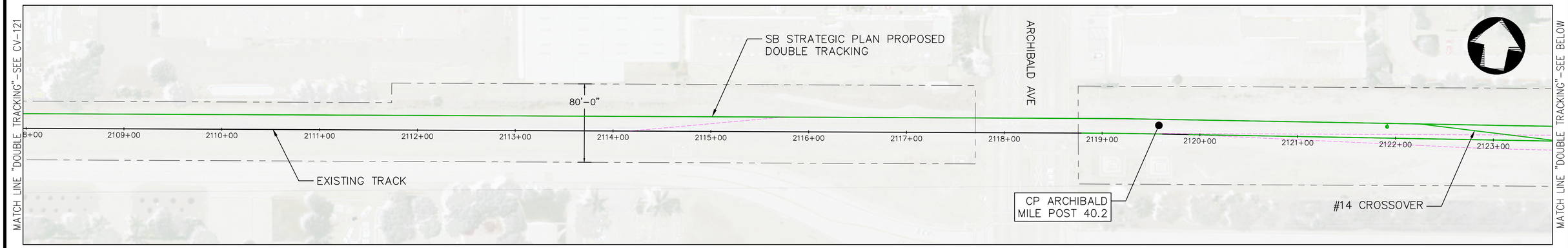
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REVISION
SHEET NO. 21
SCALE AS SHOWN

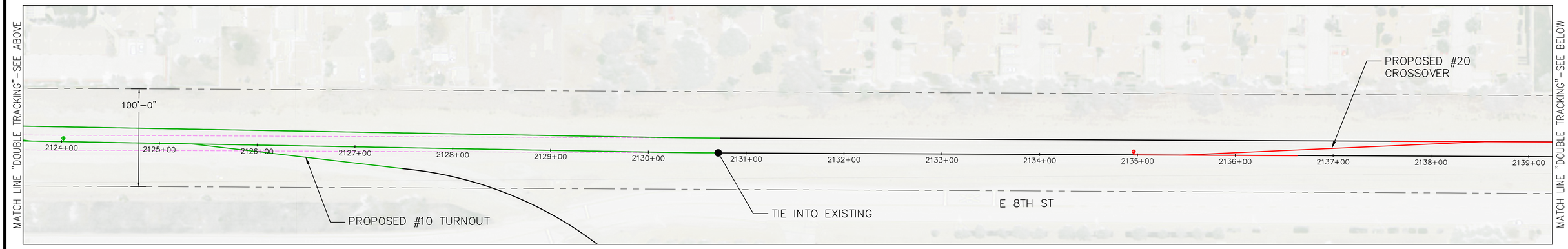
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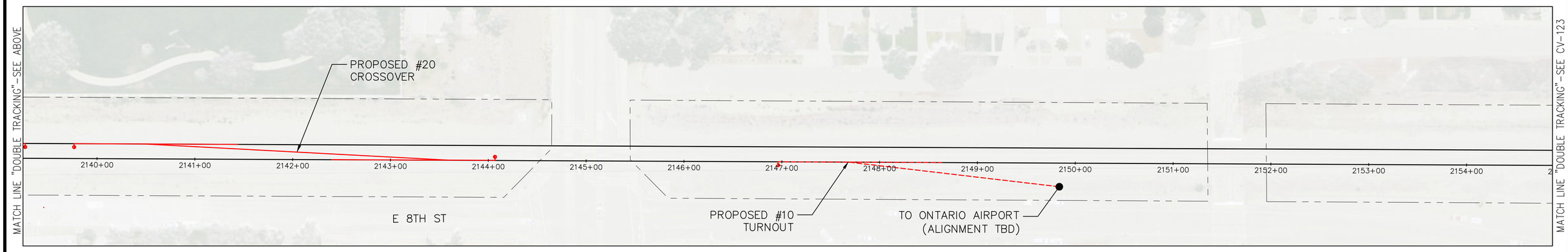


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

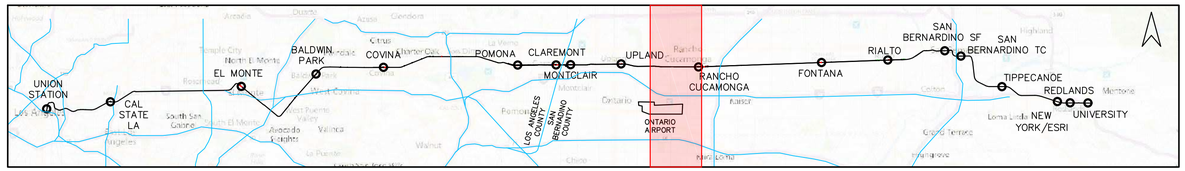
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP VISTA TO CP ARCHIBALD

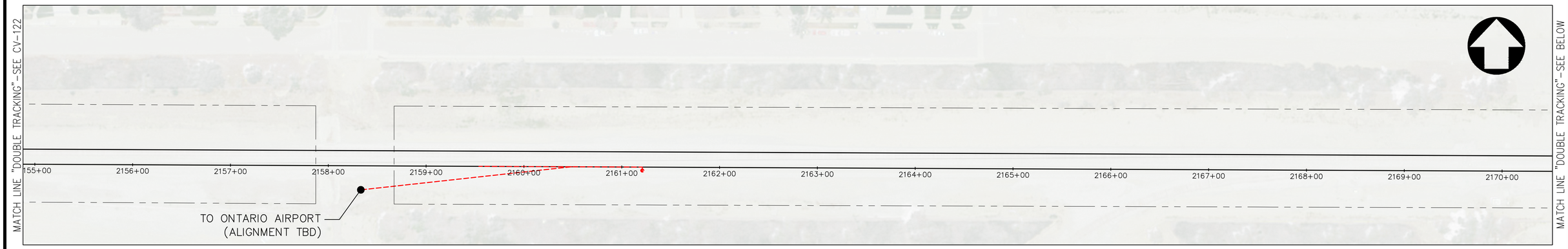
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REVISION
SHEET NO. 22
SCALE AS SHOWN

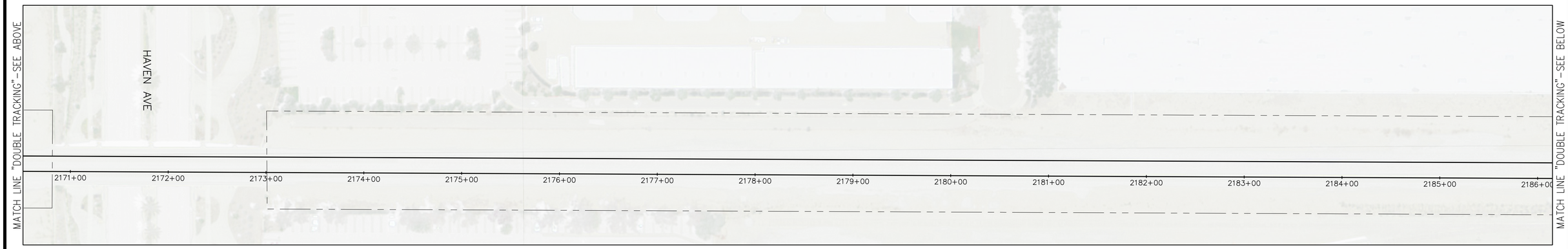
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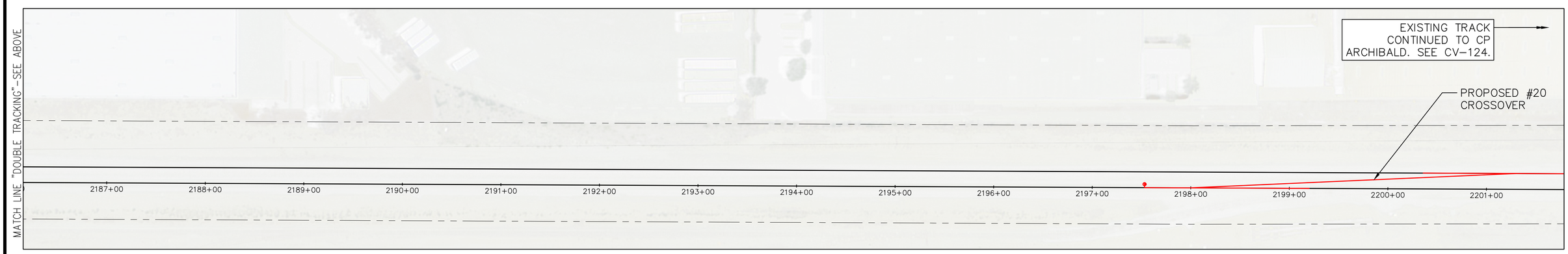


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority
SUBMITTED: _____

MOTT MACDONALD
APPROVED: _____

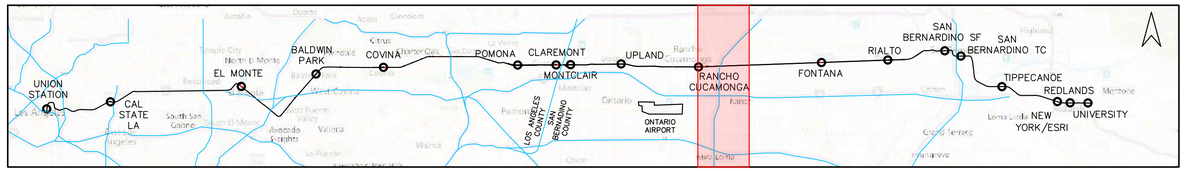
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP ARCHIBALD TO NOLAN

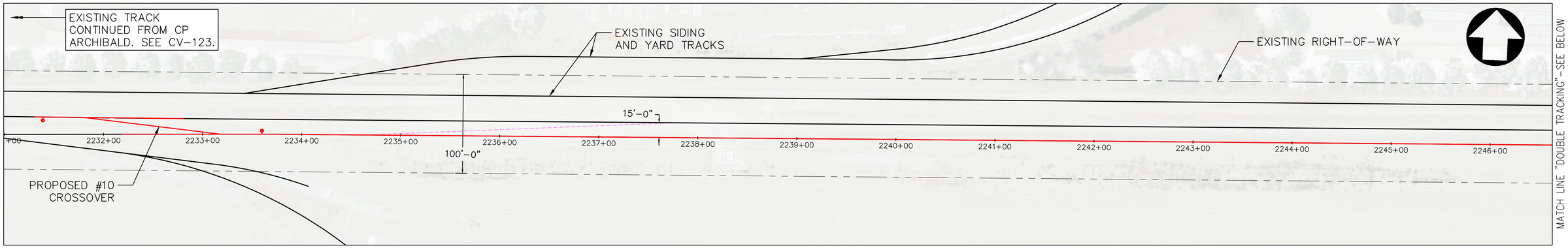
CONTRACT NO. C14003
DRAWING NO. CV-123
REVISION
SHEET NO. 23
SCALE AS SHOWN

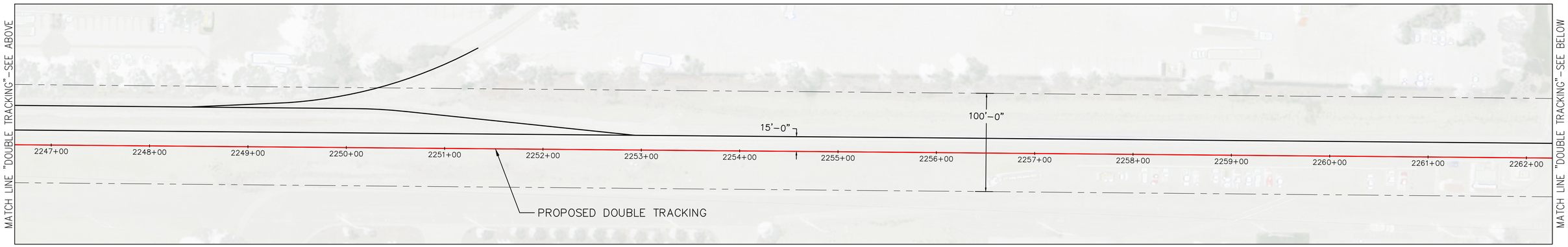
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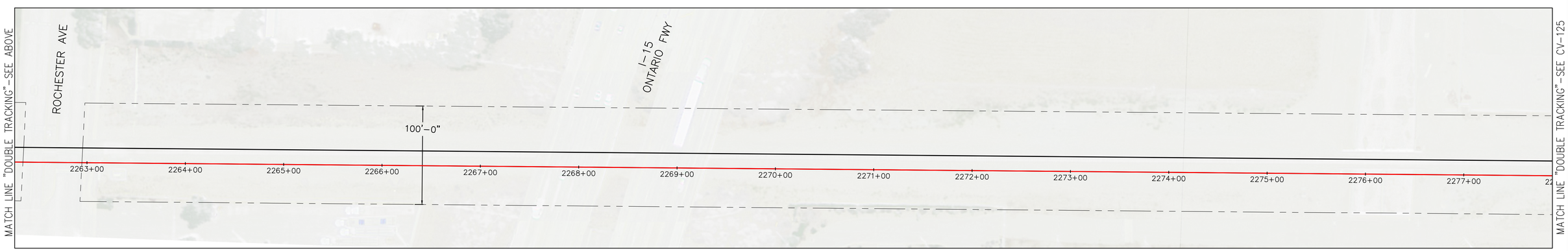


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT–OF–WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority
SUBMITTED: _____

MOTT MACDONALD
APPROVED: _____

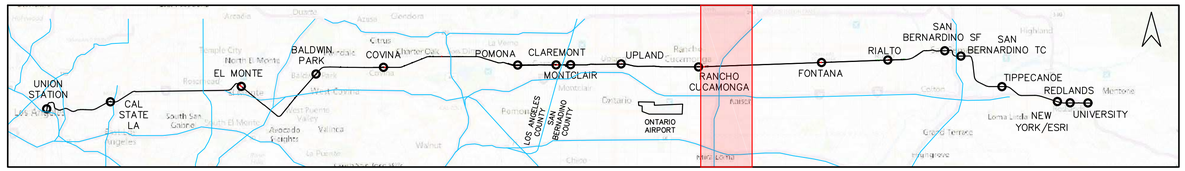
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP ARCHIBALD TO CP NOLAN

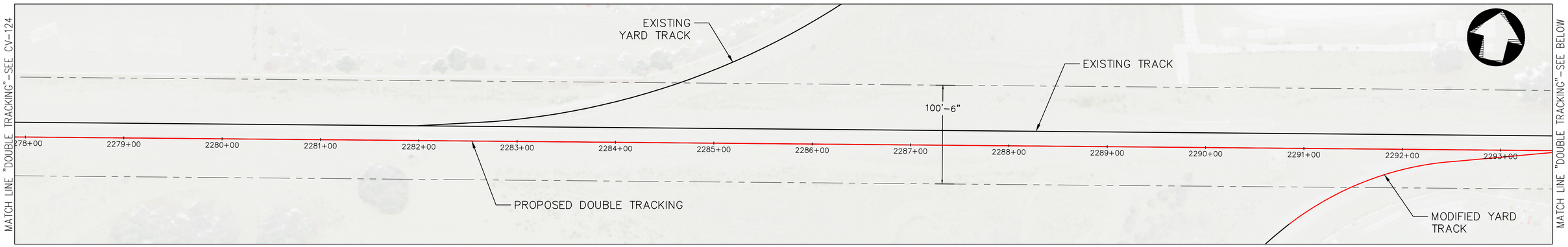
CONTRACT NO. C14003
DRAWING NO. CV–124
REVISION
SHEET NO. 24
SCALE AS SHOWN

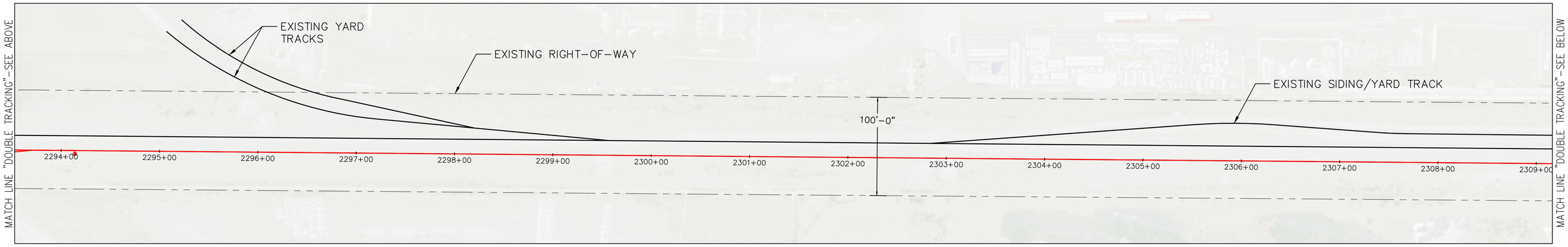
DAV088196 Mar 06, 2018 – 11:51am C:\Users\dav088196\appdata\local\temp\AcPublish_6396\309710–CV–DMU–DOUBLETRACK.dwg

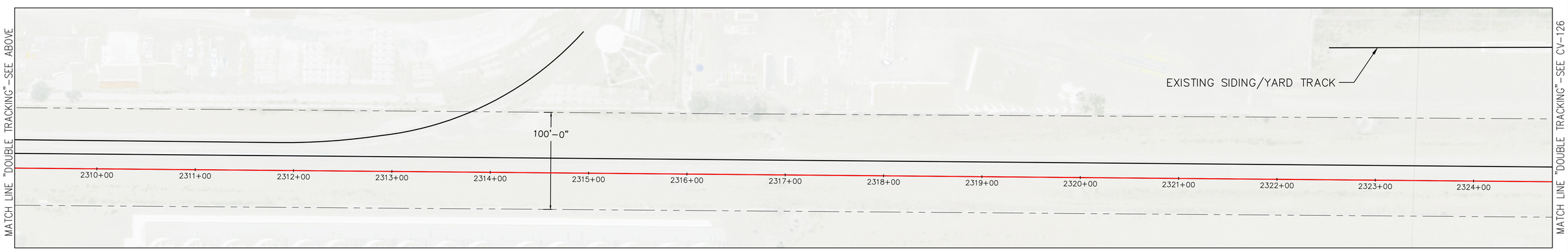


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT–OF–WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

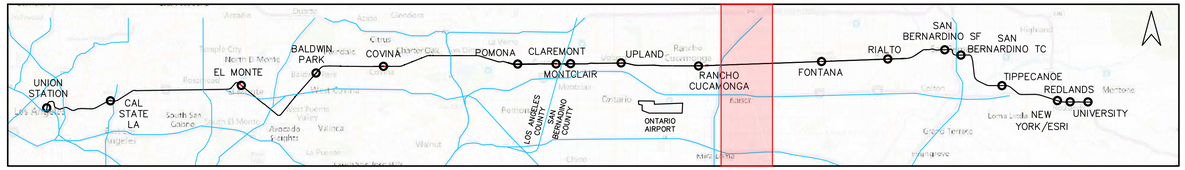
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP ARCHIBALD TO CP NOLAN

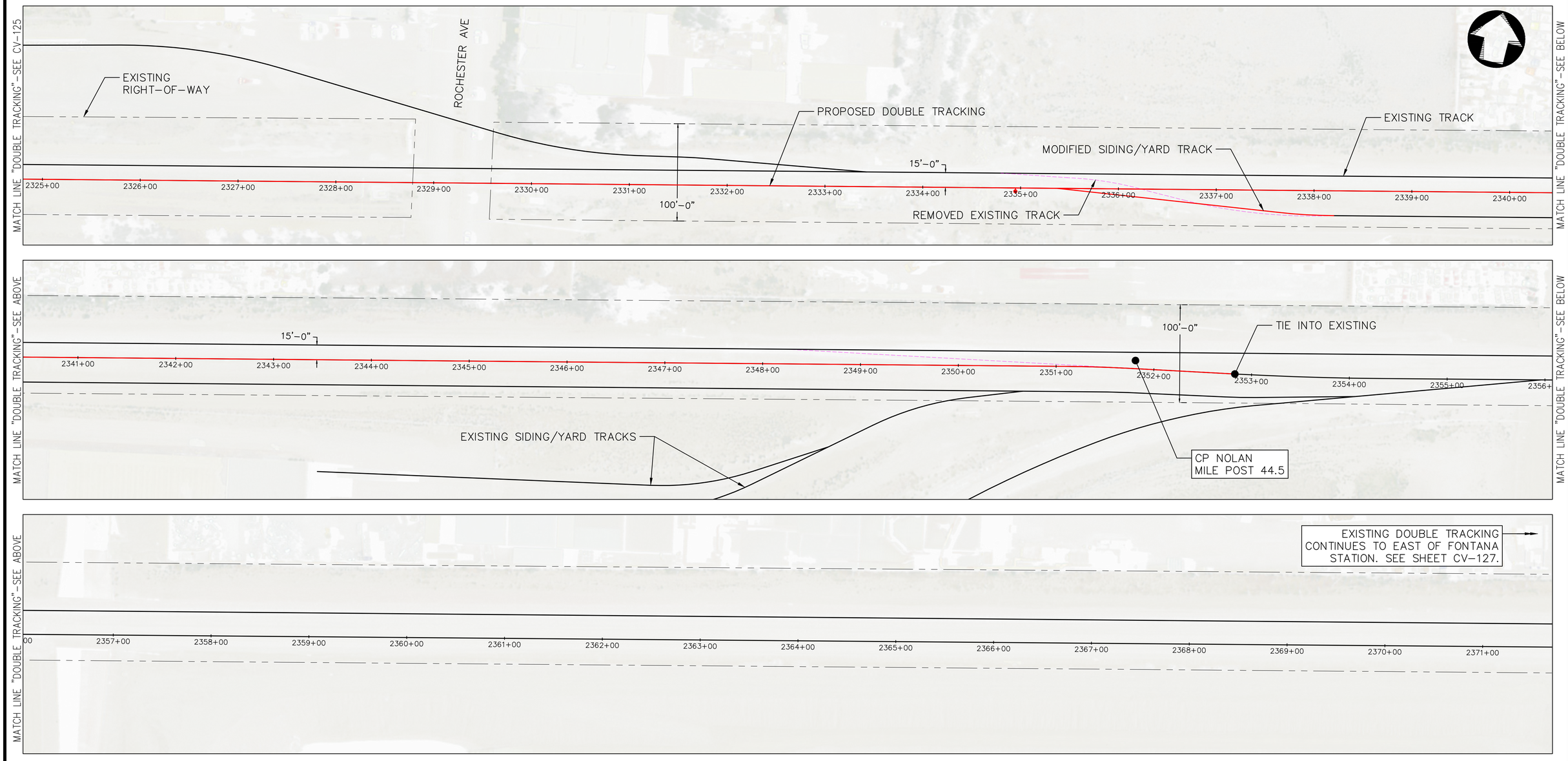
CONTRACT NO. C14003
DRAWING NO. CV–125
REVISION
SHEET NO. 25
SCALE AS SHOWN

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LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK



50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

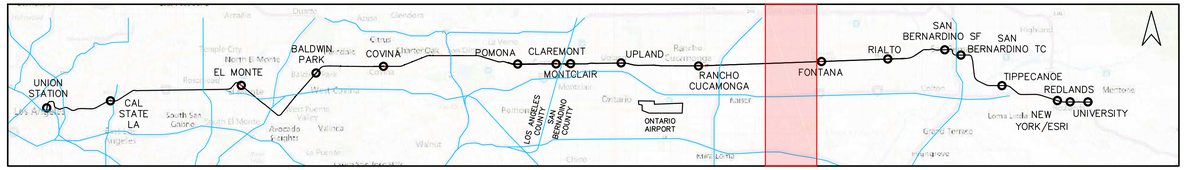
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP ARCHIBALD TO CP NOLAN

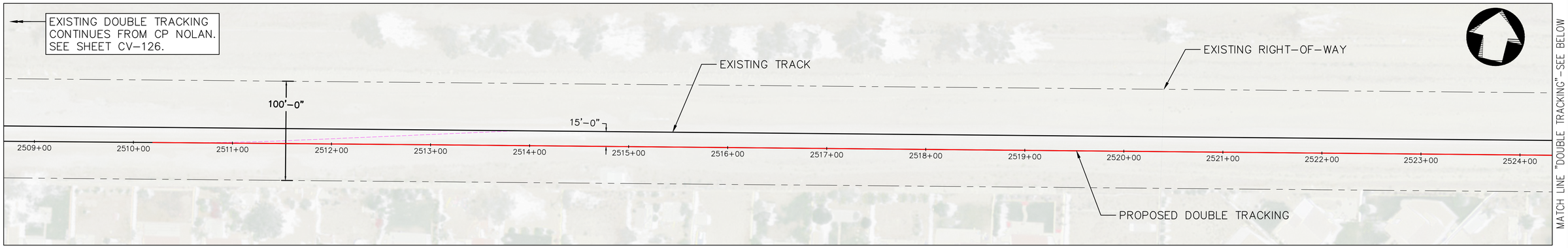
CONTRACT NO. C14003
DRAWING NO. CV-126
REVISION
SHEET NO. 26
SCALE AS SHOWN

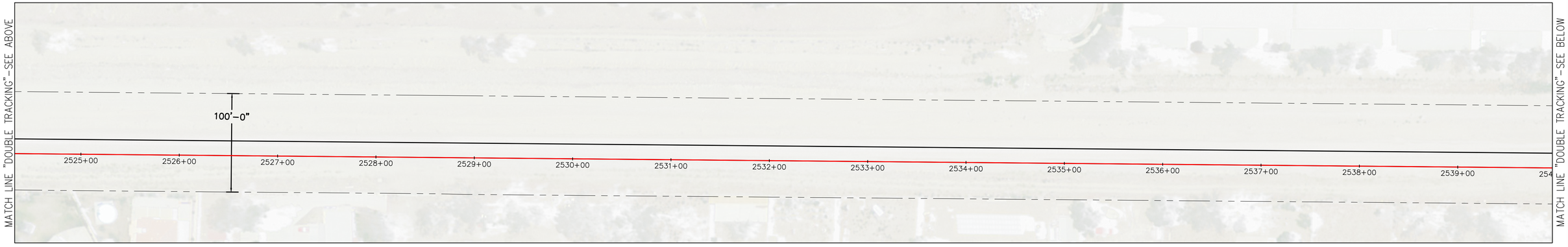
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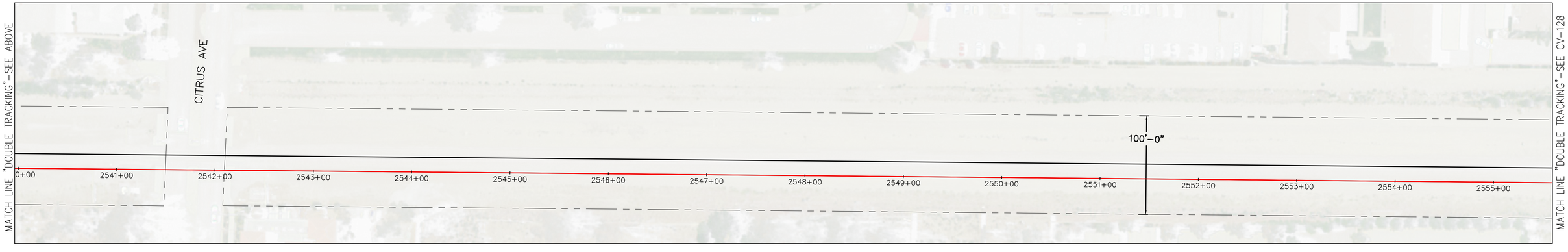


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT–OF–WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

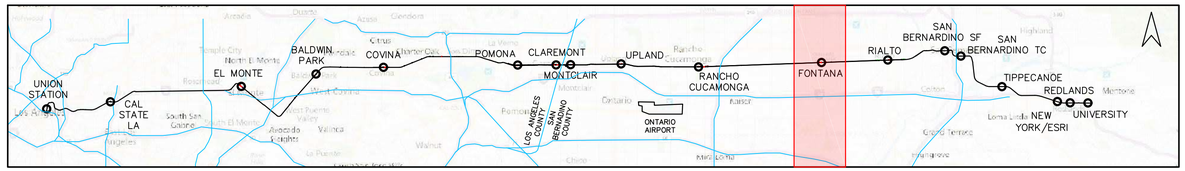
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP NOLAN TO CP LILAC

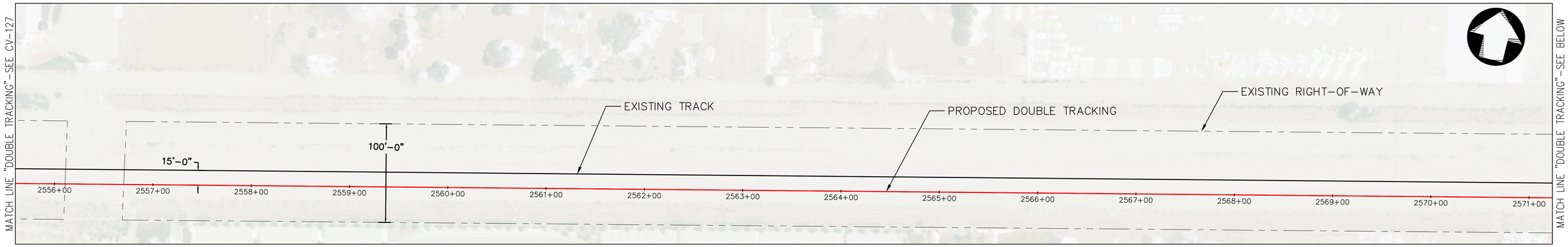
CONTRACT NO. C14003
DRAWING NO. CV–127
REVISION
SHEET NO. 27
SCALE AS SHOWN

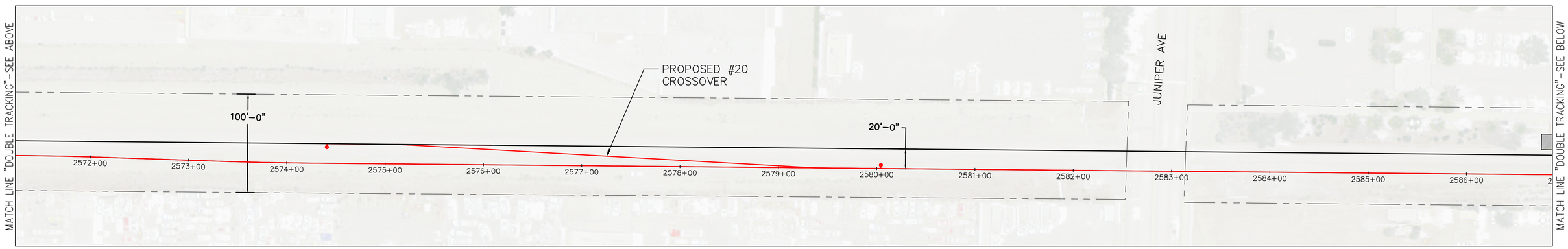
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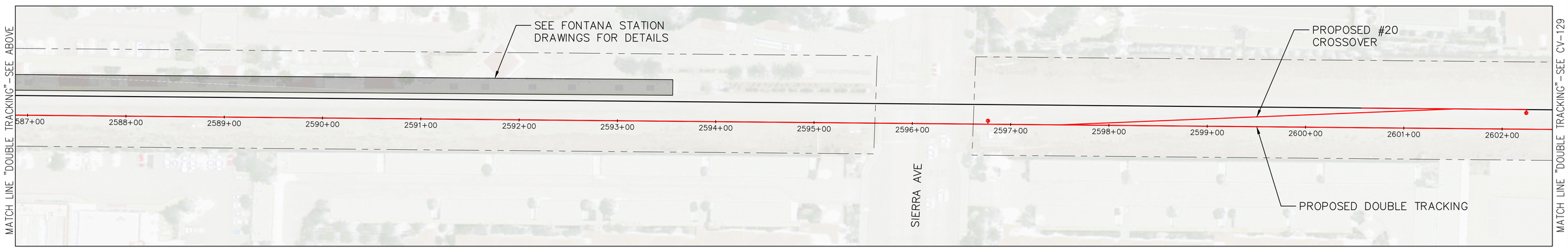


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

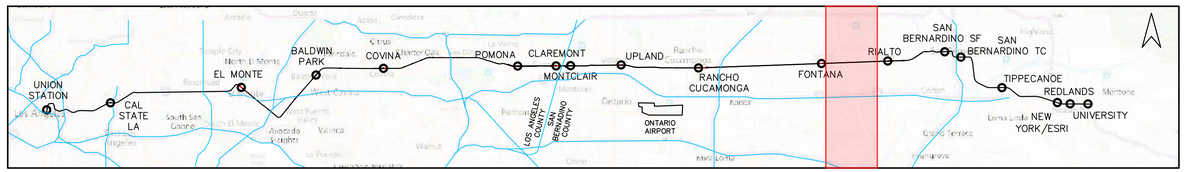
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP NOLAN TO CP LILAC

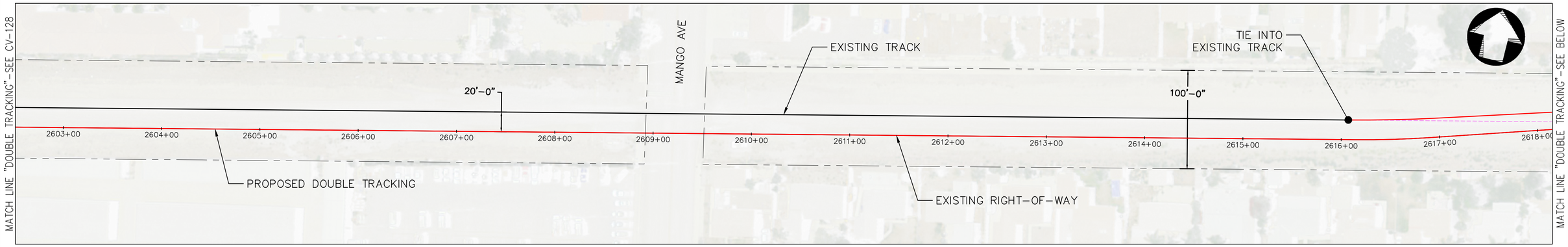
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REVISION
SHEET NO. 28
SCALE AS SHOWN

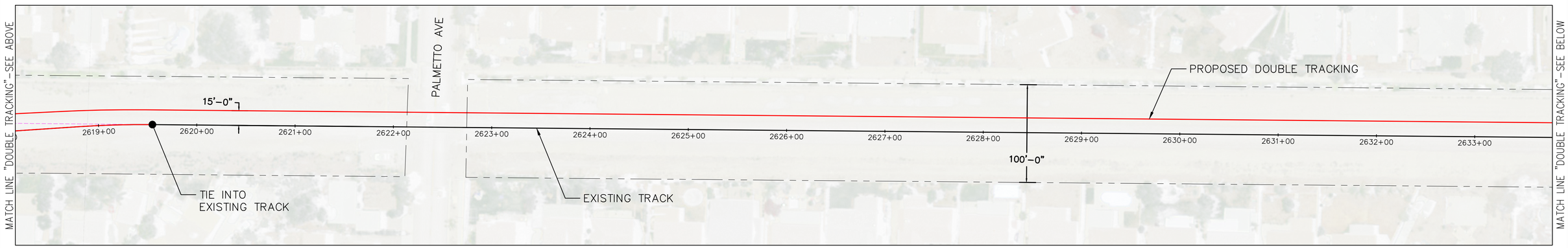
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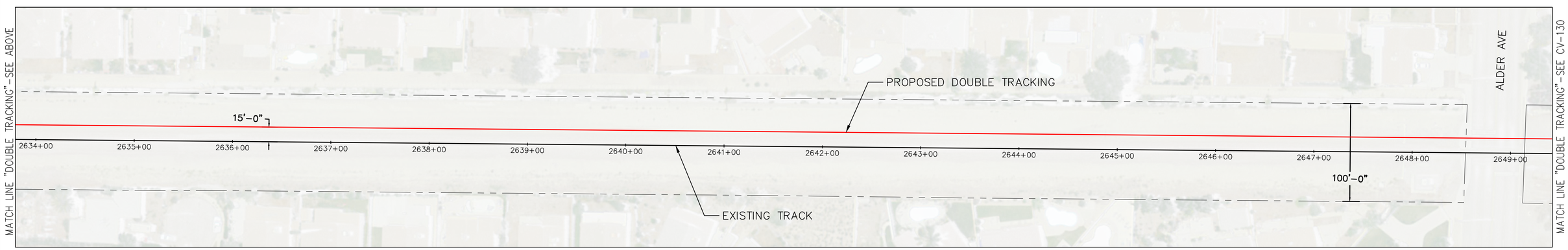


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

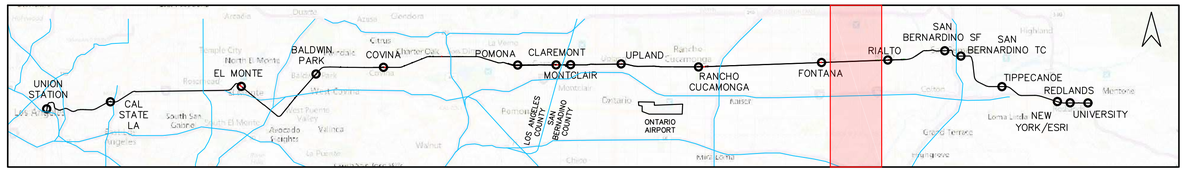
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP NOLAN TO CP LILAC

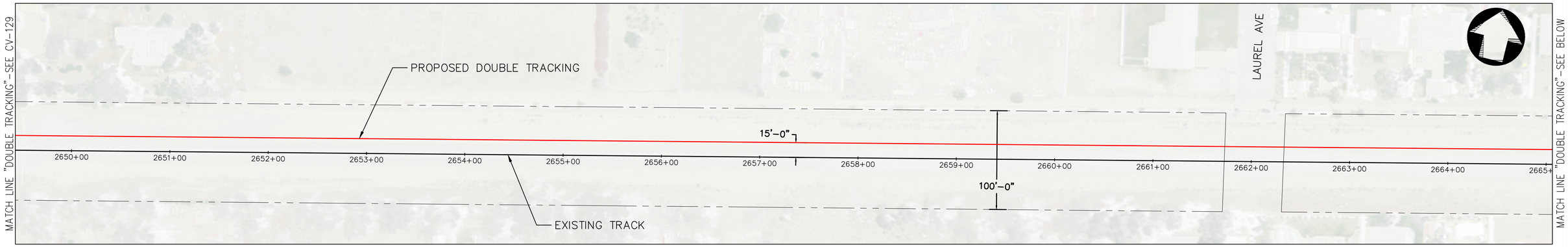
CONTRACT NO. C14003
DRAWING NO. CV-129
REVISION
SHEET NO. 29
SCALE AS SHOWN

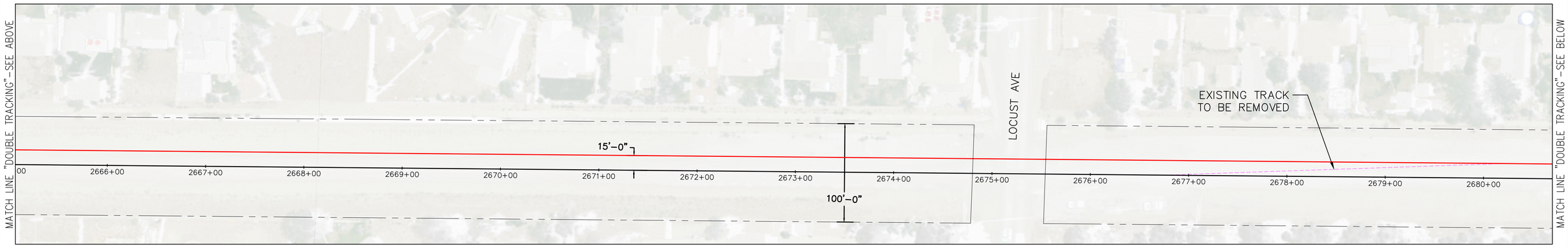
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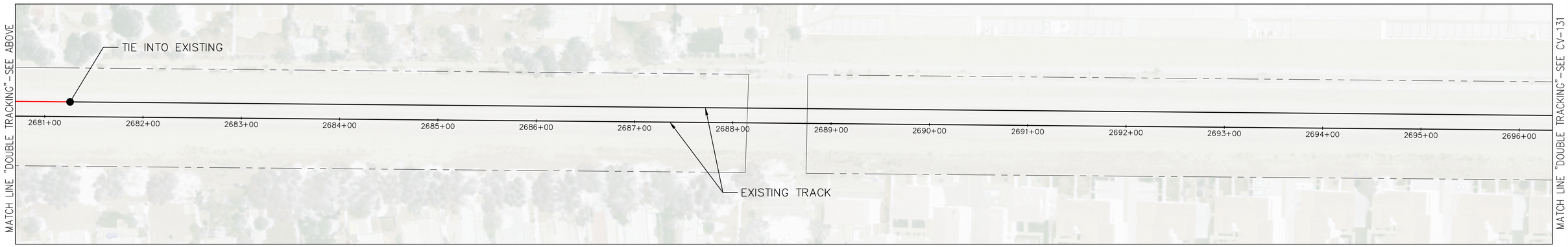


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

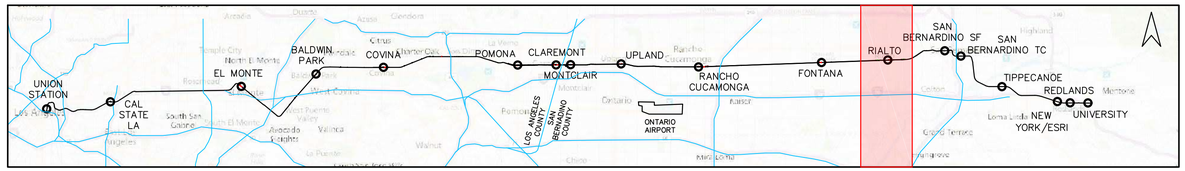
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP NOLAN TO CP LILAC

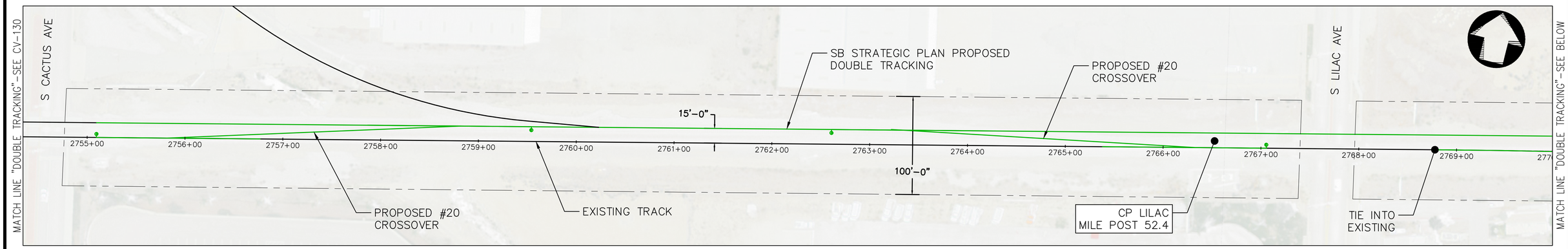
CONTRACT NO. C14003
DRAWING NO. CV-130
REVISION
SHEET NO. 30
SCALE AS SHOWN

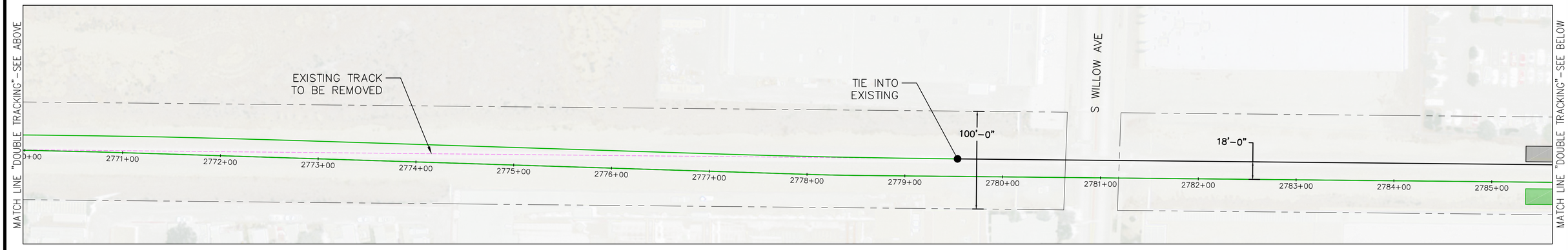
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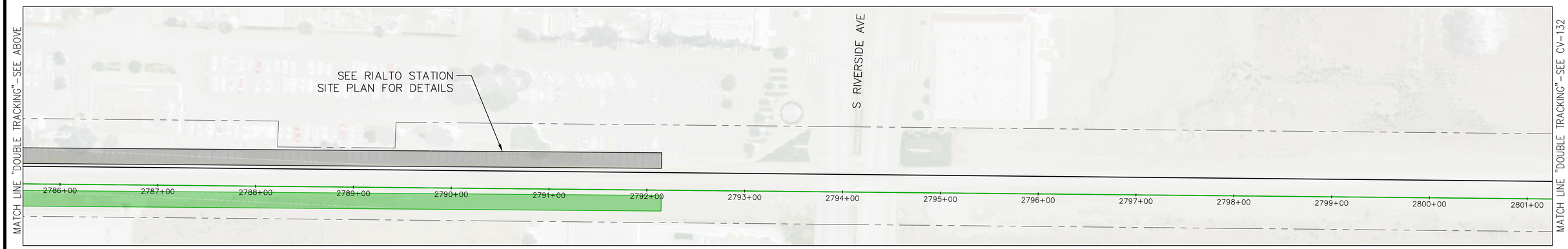


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

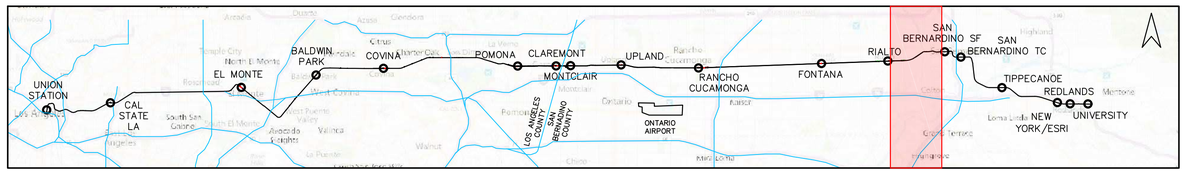
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP LILAC TO SAN BERNARDINO SF

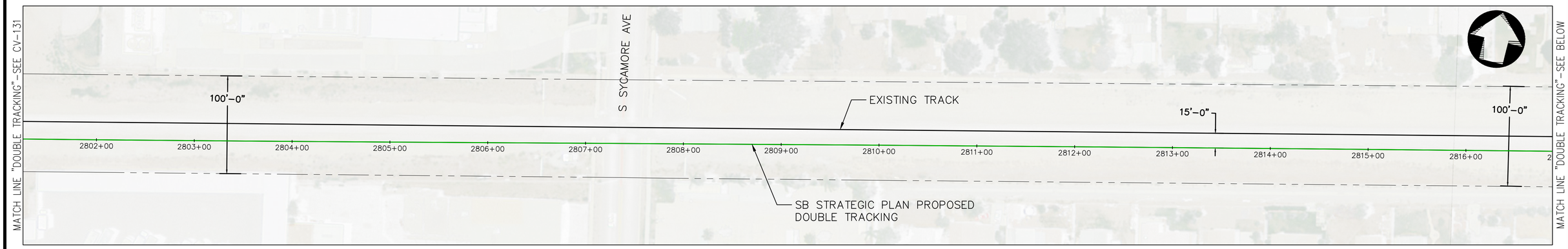
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DRAWING NO. CV-131
REVISION
SHEET NO. 31
SCALE AS SHOWN

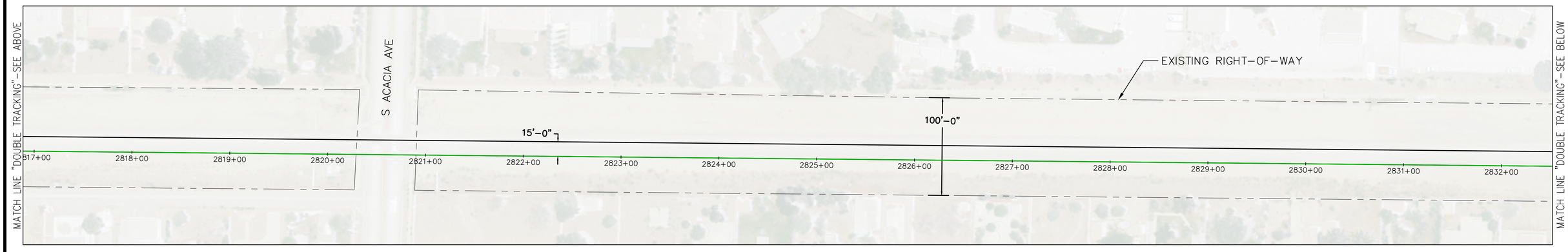
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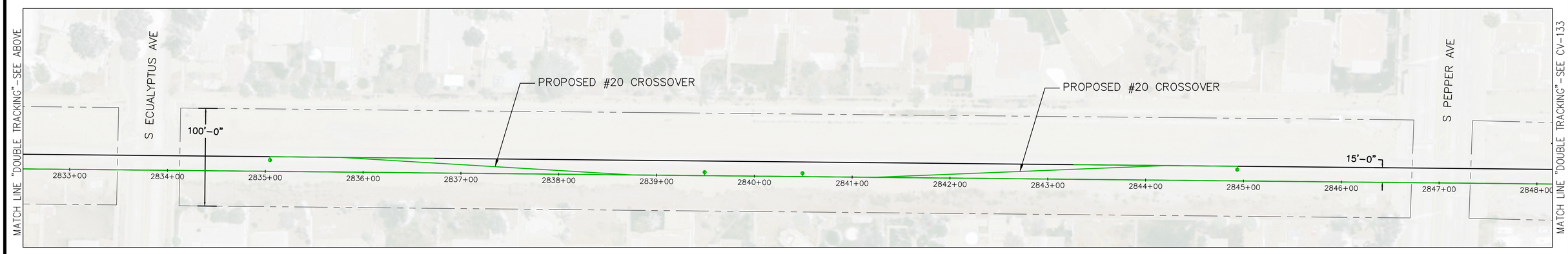


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT–OF–WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

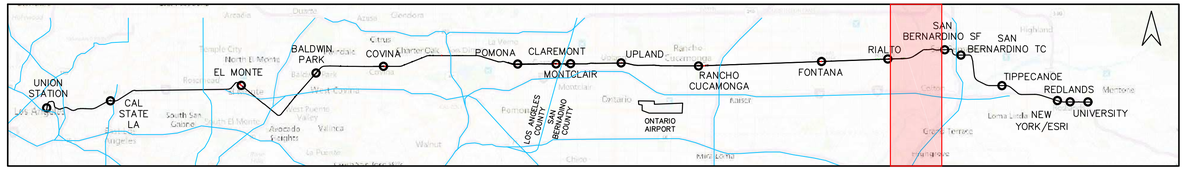
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP LILAC TO SAN BERNARDINO SF

CONTRACT NO. C14003
DRAWING NO. CV–132
REVISION
SHEET NO. 32
SCALE AS SHOWN

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LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT–OF–WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN–06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK

MATCH LINE "DOUBLE TRACKING"–SEE CV–132

EXISTING RIGHT–OF–WAY

100'–0"

EXISTING TRACK

2849+00 2850+00 2851+00 2852+00 2853+00 2854+00 2855+00 2856+00 2857+00 2858+00 2859+00 2860+00 2861+00 2862+00 2863+00

SB STRATEGIC PLAN PROPOSED DOUBLE TRACKING

MATCH LINE "DOUBLE TRACKING"–SEE BELOW

MATCH LINE "DOUBLE TRACKING"–SEE ABOVE

W RIALTO AVE

100'–0"

2864+00 2865+00 2866+00 2867+00 2868+00 2869+00 2870+00 2871+00 2872+00 2873+00 2874+00 2875+00 2876+00 2877+00 2878+00 2879+00

MATCH LINE "DOUBLE TRACKING"–SEE BELOW

MATCH LINE "DOUBLE TRACKING"–SEE ABOVE

100'–0"

2880+00 2881+00 2882+00 2883+00 2884+00 2885+00 2886+00 2887+00 2888+00 2889+00 2890+00 2891+00 2892+00 2893+00 2894+00

EXISTING TRACK OVERPASS

MATCH LINE "DOUBLE TRACKING"–SEE CV–134

50' 0 50' 100'

SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

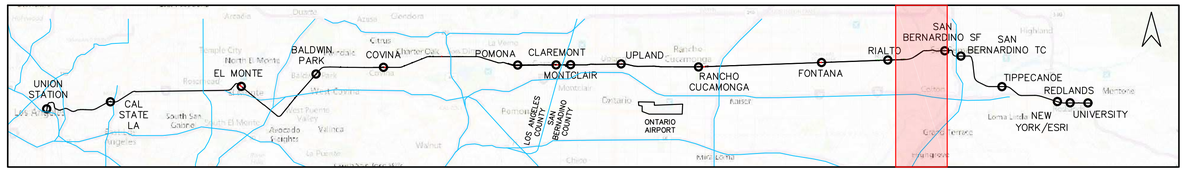
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP LILAC TO SAN BERNARDINO SF

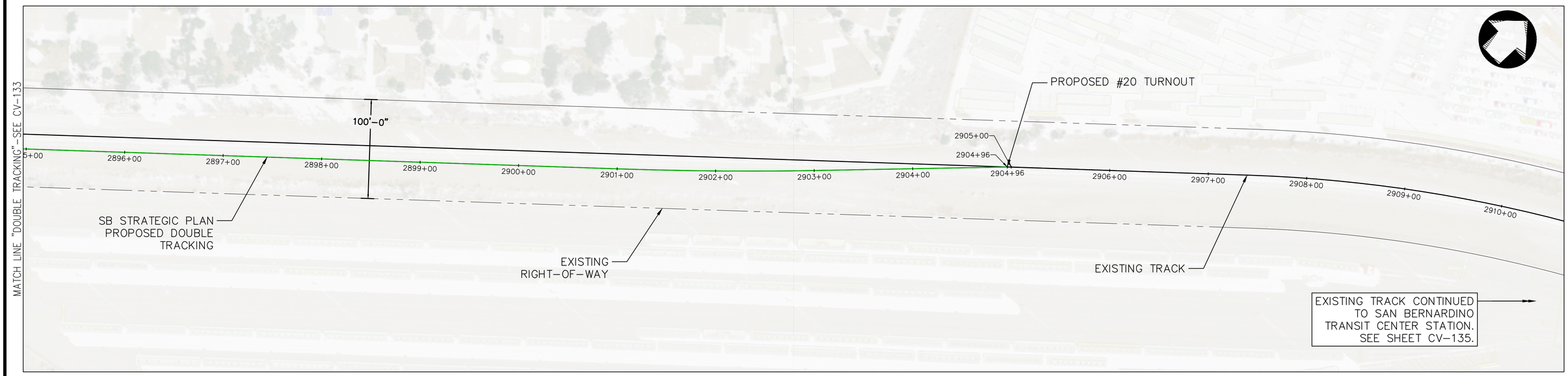
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REVISION
SHEET NO. 33
SCALE AS SHOWN

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LEGEND

- EXISTING TRACK/RPRP TRACK
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- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK



50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

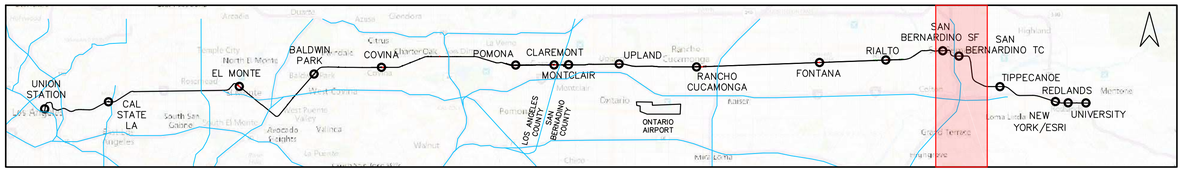
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING CP LILAC TO SAN BERNARDINO SF

CONTRACT NO. C14003
DRAWING NO. CV–134
REVISION
SHEET NO. 34
SCALE AS SHOWN

DAV68196 Mar 06, 2018 – 11:55am C:\Users\dav68196\appdata\local\temp\AcPublish_6396\209710–CV–DMU–DOUBLETRACK.dwg



LEGEND

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- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK

EXISTING TRACK CONTINUED FROM SAN BERNARDINO YARD. SEE SHEET CV-134.

EXISTING RPRP TRACK

SAN BERNARDINO FWY (I-215)

S G ST

18'-0"

50'-0"

3020+00 3021+00 3022+00 3023+00 3024+00 3025+00 3026+00 3027+00 3028+00 3029+00 3030+00 3031+00 3032+00 3033+00 3034+00 3035+00

MATCH LINE "DOUBLE TRACKING"-SEE BELOW

MATCH LINE "DOUBLE TRACKING"-SEE ABOVE

S E ST

18'-0"

BEGINNING OF PROPOSED DOUBLE TRACKING

PROPOSED RPRP DOUBLE TRACKING

#14 TURNOUT CHANGED TO CROSSOVER

SAN BERNARDINO TRANSIT CENTER PLATFORMS (FROM RPRP PLANS)

3036+00 3037+00 3038+00 3039+00 3040+00 3041+00 3042+00 3043+00 3043+95 3045+00 3046+00 3047+00 3048+00 3049+00 3050+00 305

MATCH LINE "DOUBLE TRACKING"-SEE CV-136

MATCH LINE "DOUBLE TRACKING"-SEE ABOVE

S D ST

S ARROWHEAD AVE

PROPOSED DMU DOUBLE TRACKING

15'-0"

50'-0"

+00 3052+00 3053+00 3054+00 3055+00 3056+00 3057+00 3058+00 3059+00 3060+00 3061+00 3062+00 3063+00 3064+00 3065+00 3066+00

MATCH LINE "DOUBLE TRACKING"-SEE BELOW

50' 0 50' 100'

SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

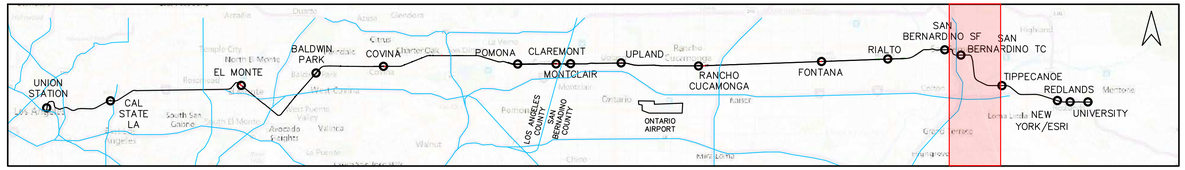
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

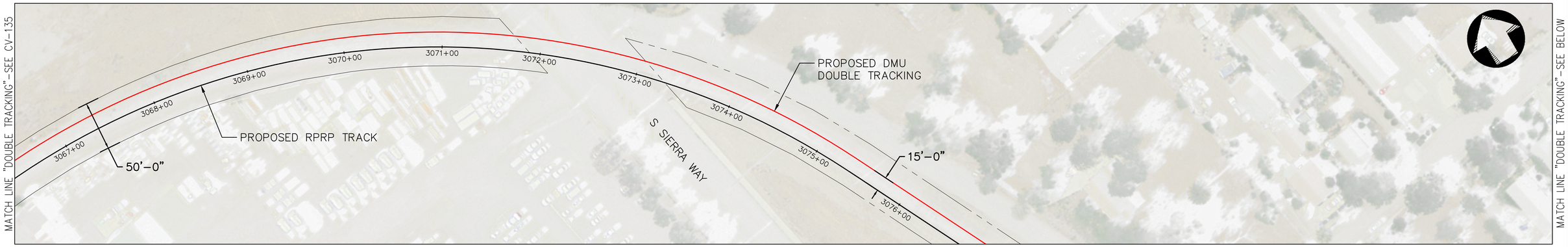
CONTRACT NO. C14003
DRAWING NO. CV-135
REVISION
SHEET NO. 35
SCALE AS SHOWN

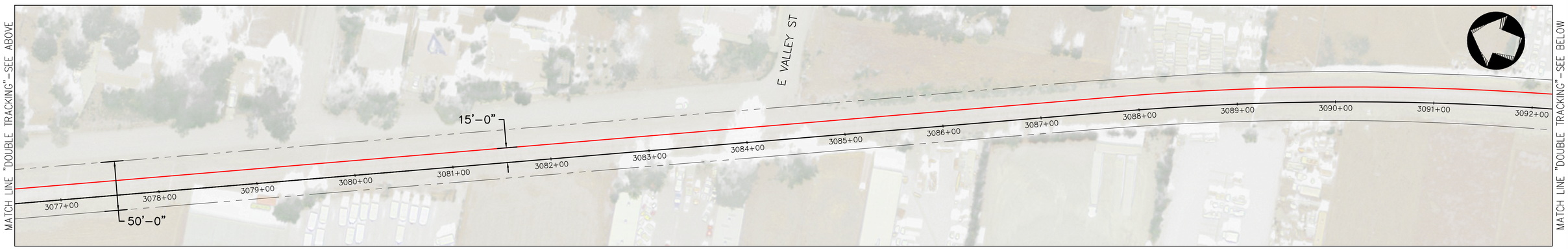
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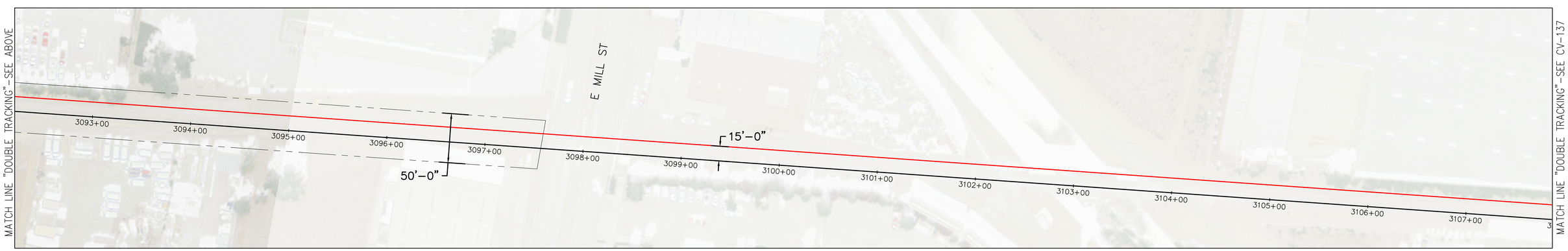


LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

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DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

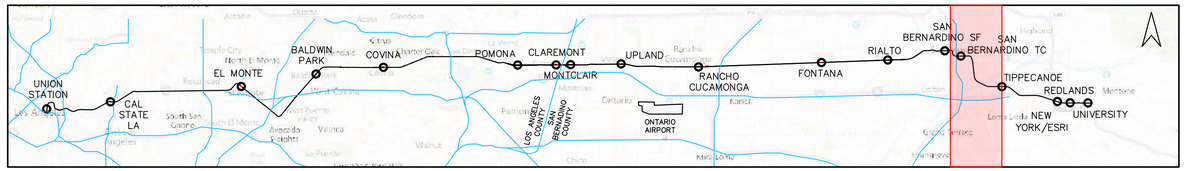
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

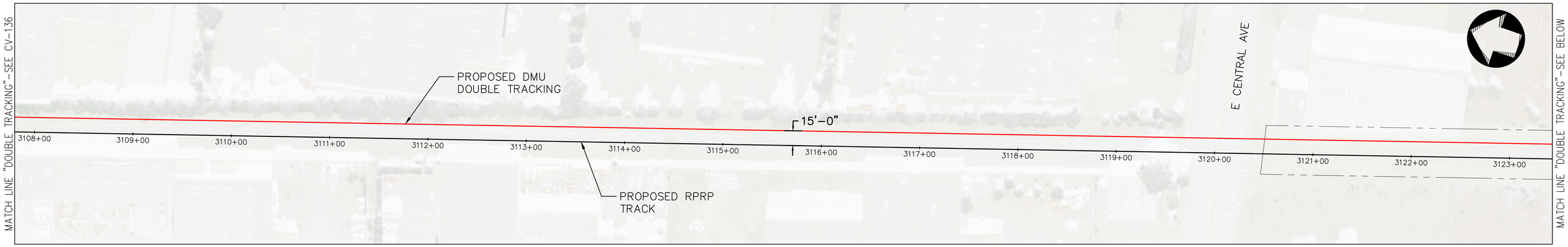
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DRAWING NO. CV-136
REVISION
SHEET NO. 36
SCALE AS SHOWN

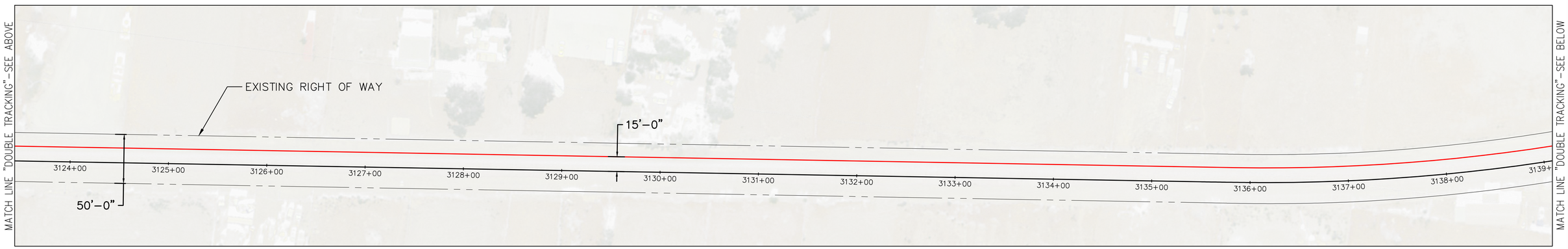
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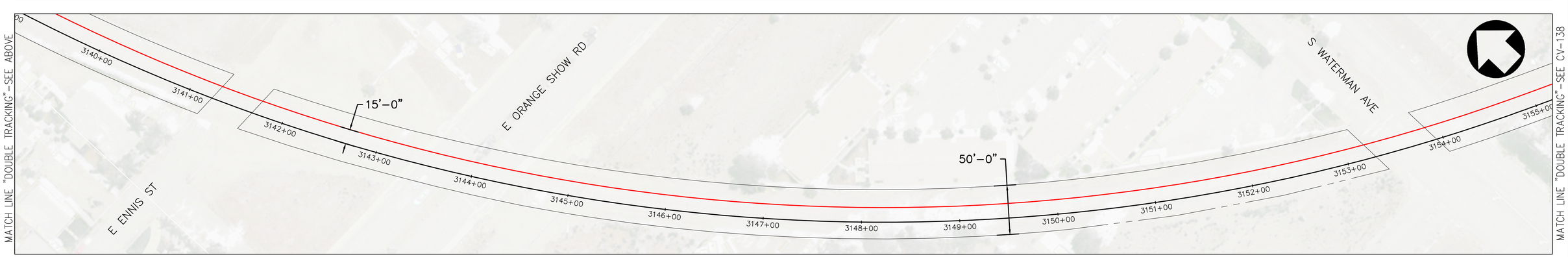


LEGEND

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- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

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DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
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DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority
SUBMITTED: _____

MOTT MACDONALD
APPROVED: _____

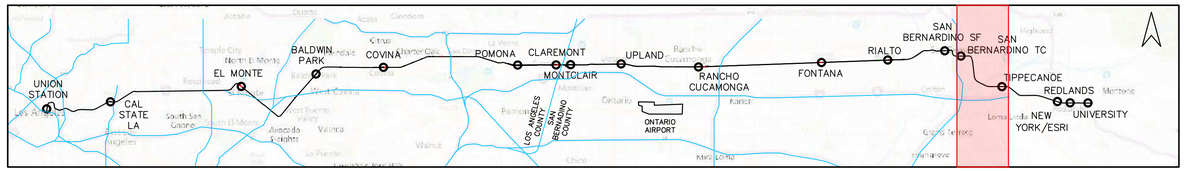
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

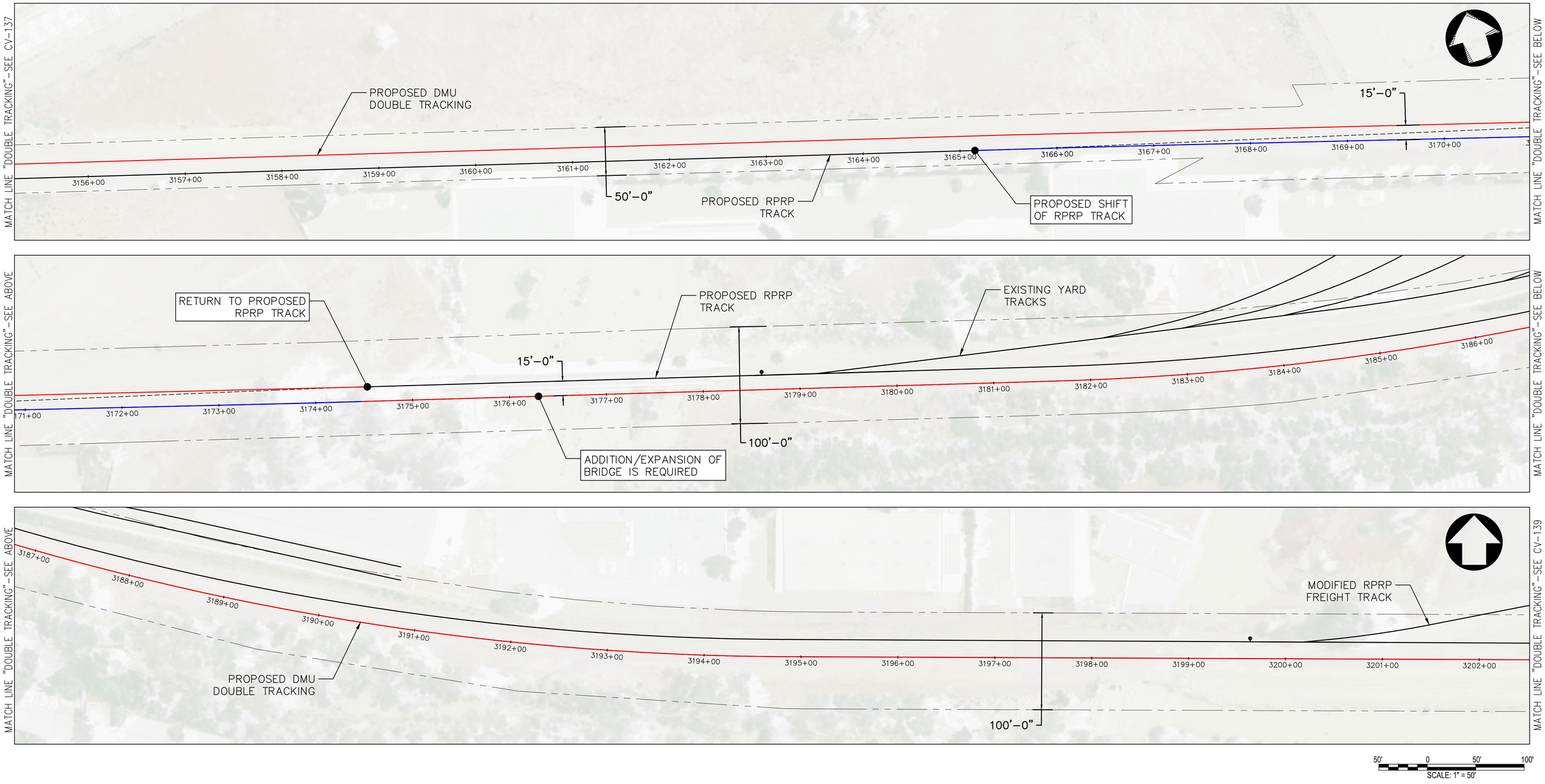
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DRAWING NO. CV-137
REVISION
SHEET NO. 37
SCALE AS SHOWN

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MOTT MACDONALD

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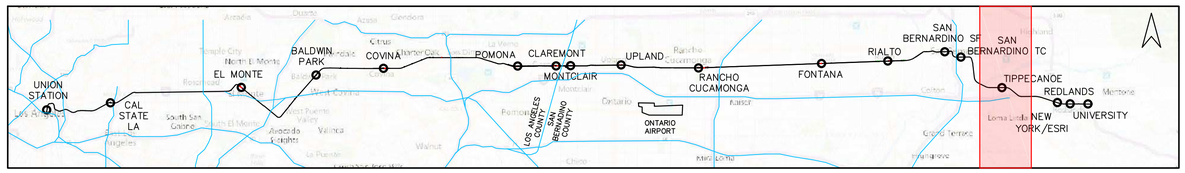
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HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

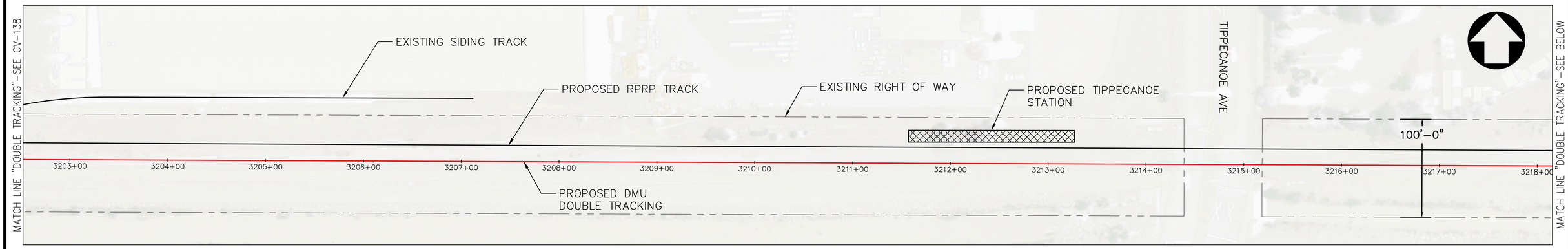
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REVISION
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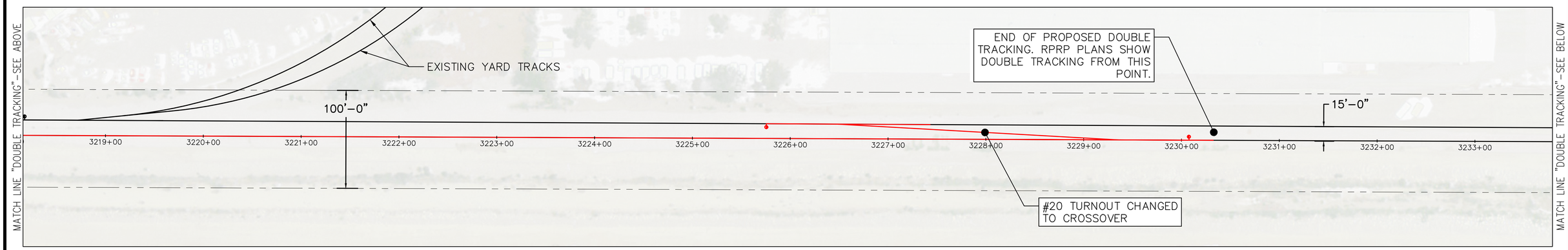
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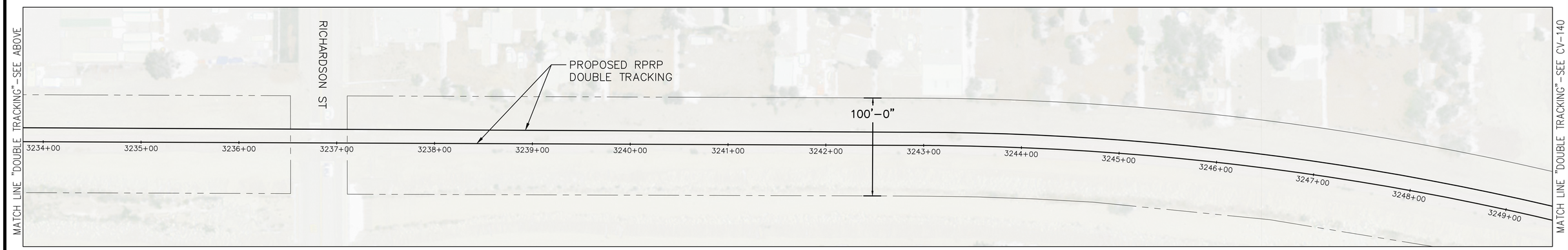


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- REMOVED EXISTING TRACK







50' 0 50' 100'
SCALE: 1" = 50'

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DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

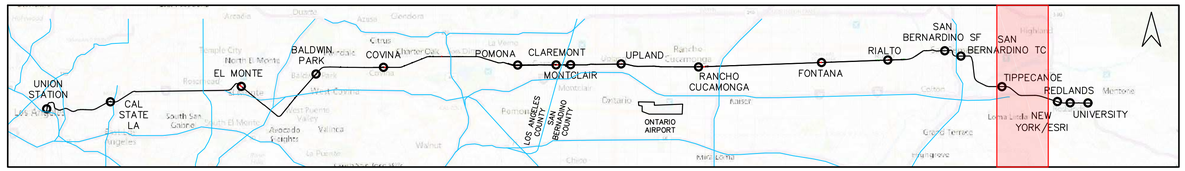
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

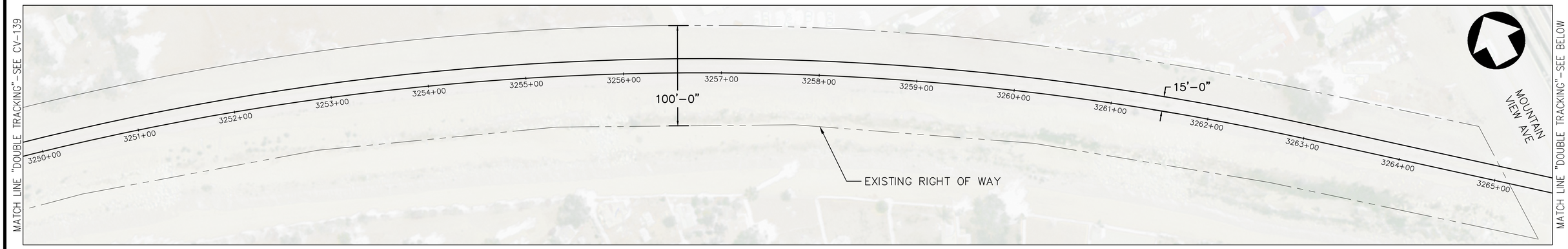
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REVISION
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SCALE AS SHOWN

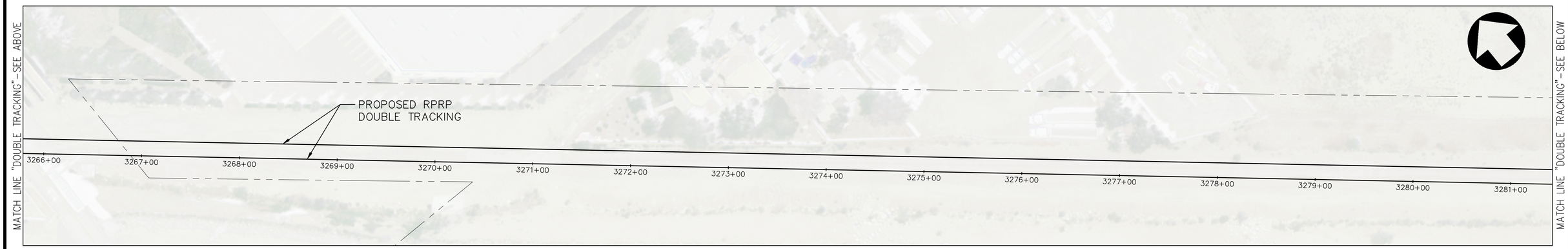
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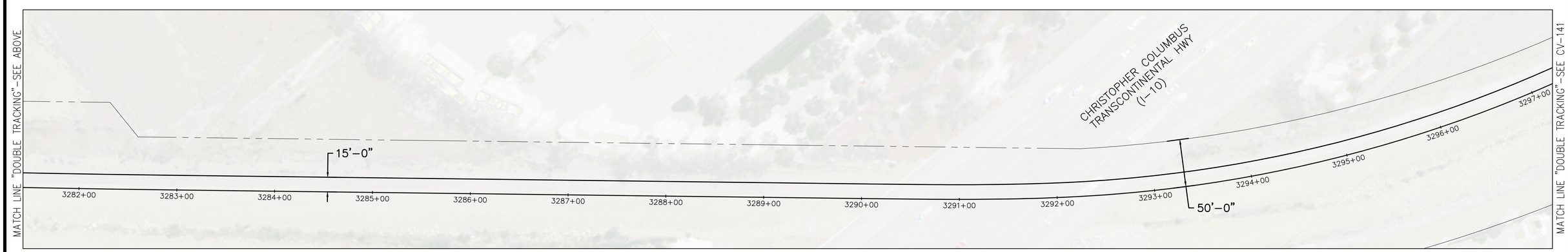


LEGEND

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50' 0 50' 100'
SCALE: 1" = 50'

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DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority
SUBMITTED: _____

MOTT MACDONALD
APPROVED: _____

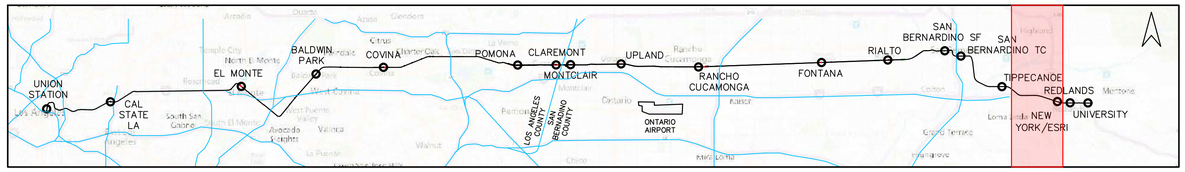
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

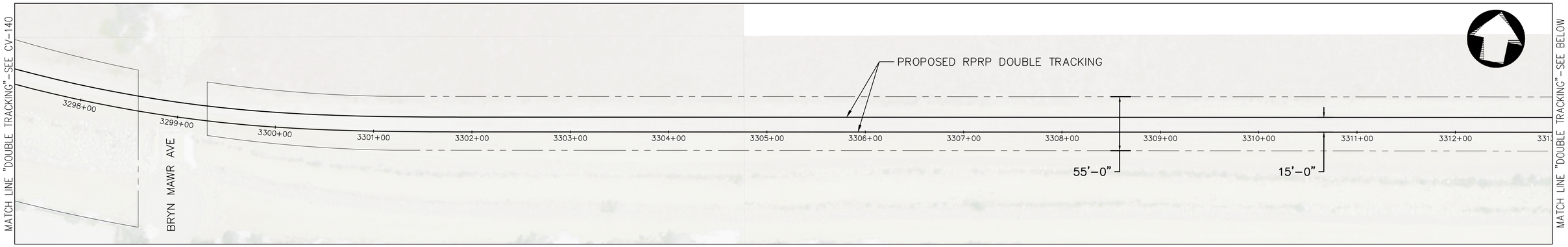
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REVISION
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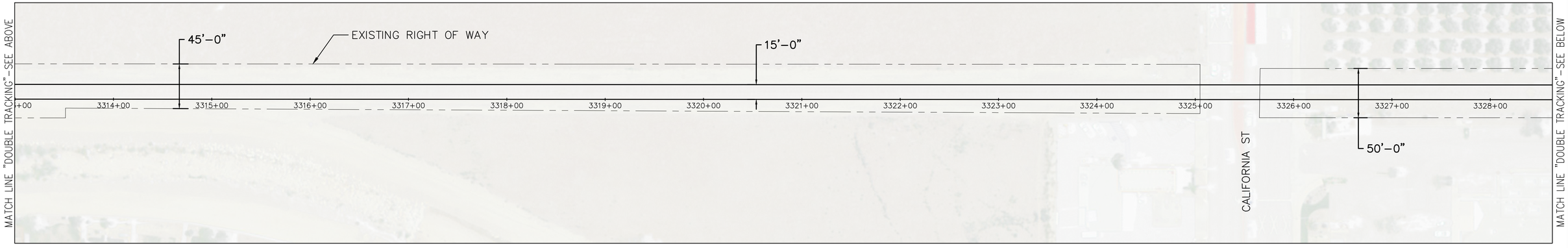
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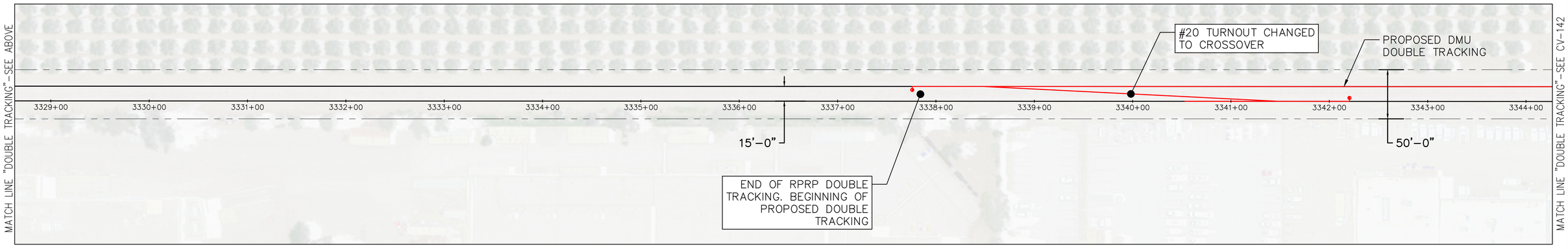


LEGEND

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50' 0 50' 100'
SCALE: 1" = 50'

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MOTT MACDONALD

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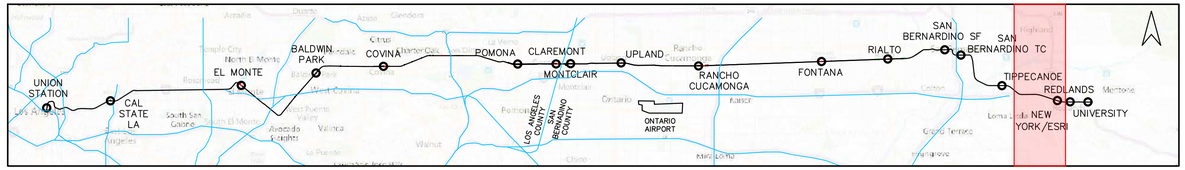
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

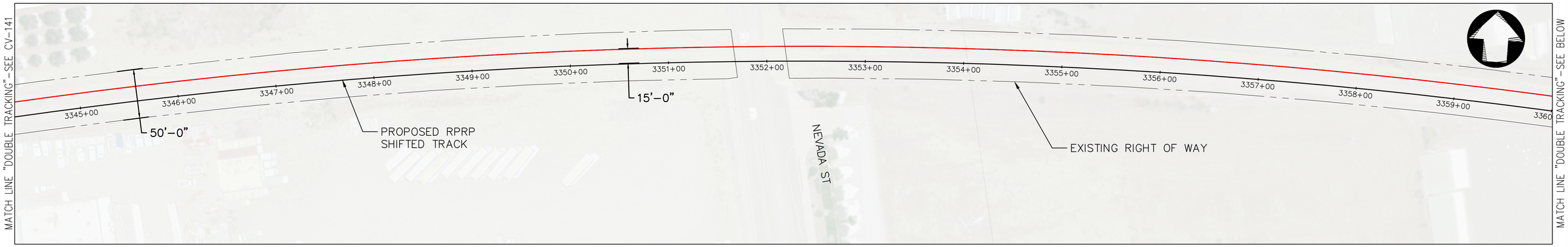
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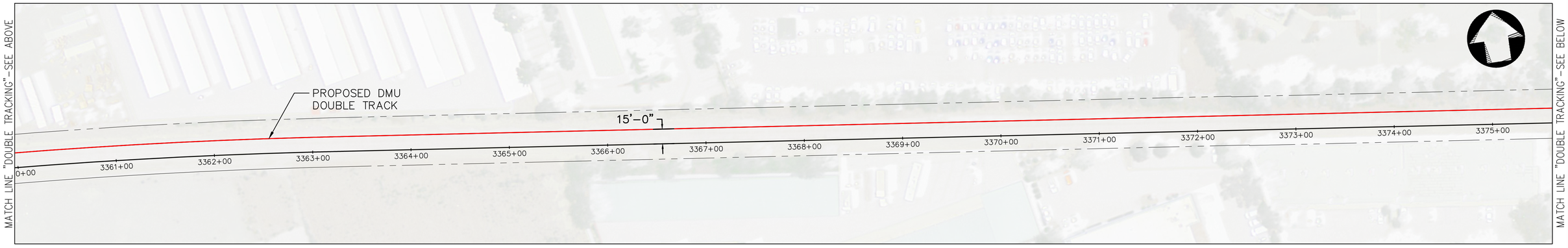
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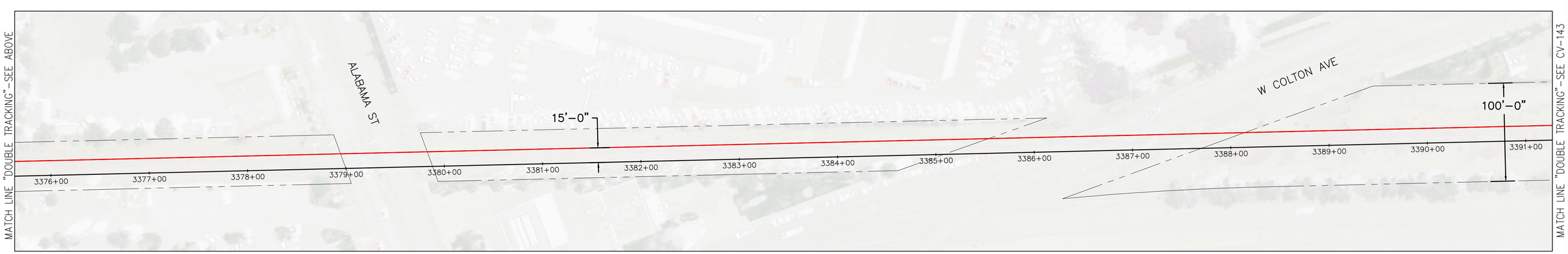


LEGEND

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50' 0 50' 100'
SCALE: 1" = 50'

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sbcta San Bernardino County Transportation Authority

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MOTT MACDONALD

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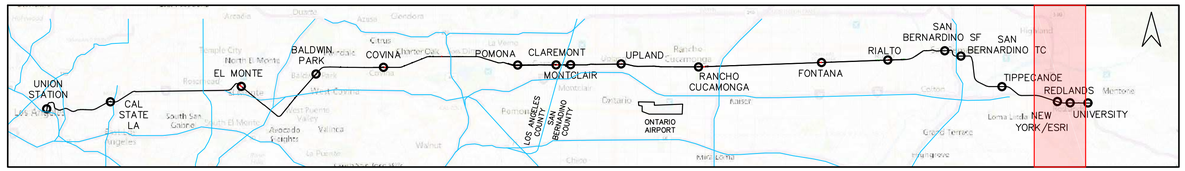
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

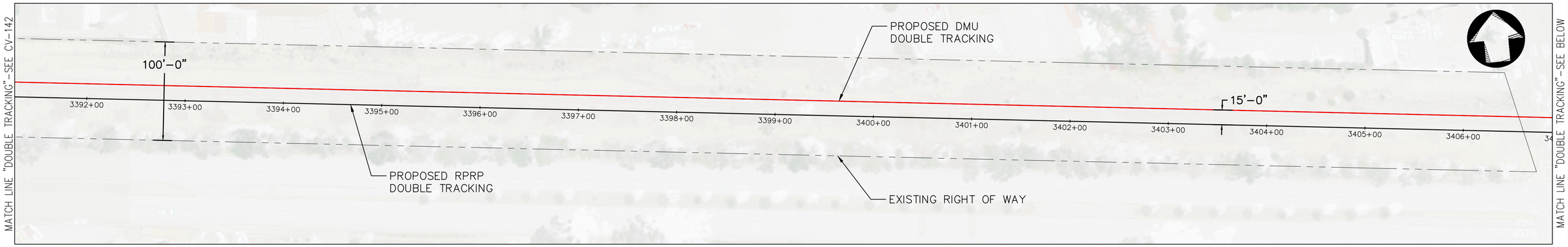
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REVISION
SHEET NO. 42
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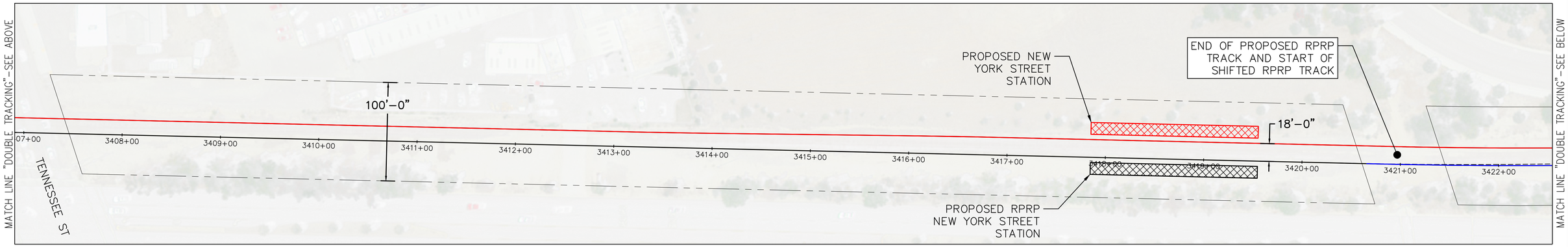
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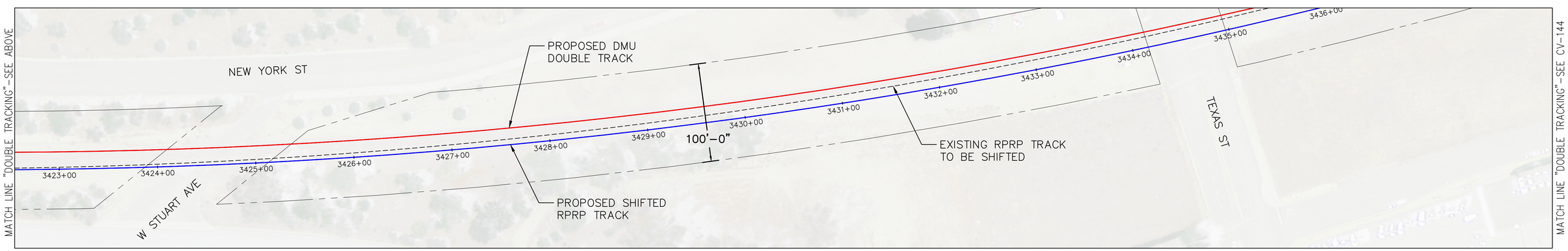


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MOTT MACDONALD

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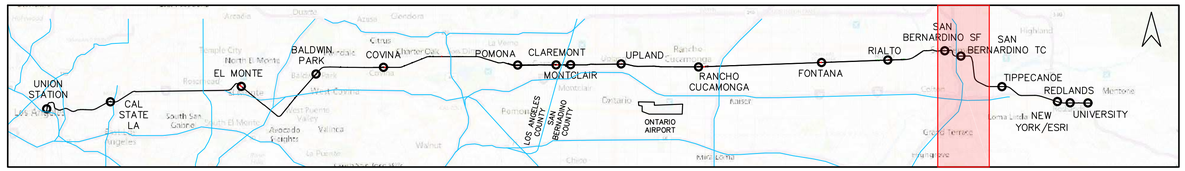
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HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

CONTRACT NO. C14003
DRAWING NO. CV-143
REVISION
SHEET NO. 43
SCALE AS SHOWN

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- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK

MATCH LINE "DOUBLE TRACKING"-SEE CV-143

EXISTING RIGHT OF WAY

PROPOSED RPRP TRACK

PROPOSED #20 TURNOUT

EUREKA ST

PROPOSED DOWNTOWN REDLANDS STATION

3438+00 3439+00 3440+00 3441+00 3442+00 3443+00 3444+00 3445+00 3446+00 3447+00 3448+00 3449+00 3450+00 3451+00 3452+00 3453+00

END OF SHIFTED TRACK

PROPOSED DMU DOUBLE TRACKING

50'-0"

MATCH LINE "DOUBLE TRACKING"-SEE BELOW

MATCH LINE "DOUBLE TRACKING"-SEE ABOVE

ORANGE ST

9TH ST

3454+00 3455+00 3456+00 3457+00 3458+00 3459+00 3460+00 3461+00 3462+00 3463+00 3464+00 3465+00 3466+00 3467+00 3468+00 3469+00

36'-6"

PROPOSED DMU DOUBLE TRACKING

50'-0"

MATCH LINE "DOUBLE TRACKING"-SEE BELOW

MATCH LINE "DOUBLE TRACKING"-SEE ABOVE

7TH ST

9TH ST

PROPOSED RPRP TRACKS

50'-0"

3470+00 3471+00 3472+00 3473+00 3474+00 3475+00 3476+00 3477+00 3478+00 3479+00 3480+00 3481+00 3482+00 3483+00 3484+00

END OF PROPOSED DMU DOUBLE TRACKING. BEGINNING OF RPRP TRACK.

END OF RPRP TRACK AND BEGINNING OF PROPOSED DOUBLE TRACKING.

MATCH LINE "DOUBLE TRACKING"-SEE CV-145

50' 0 50' 100'

SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

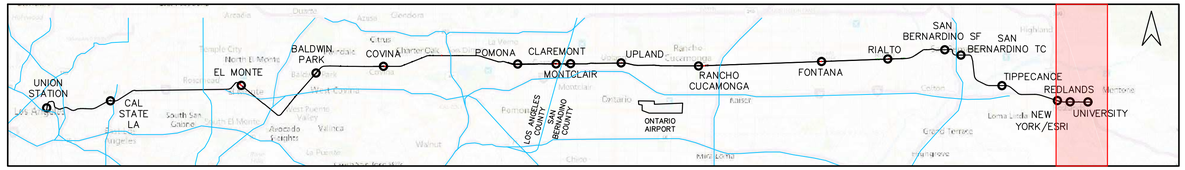
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HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

CONTRACT NO. C14003
DRAWING NO. CV-144
REVISION
SHEET NO. 44
SCALE AS SHOWN

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LEGEND

- EXISTING TRACK/RPRP TRACK
- EXISTING RIGHT-OF-WAY
- PROPOSED DOUBLE TRACKING (PER SAN BERNARDINO LINE STRATEGIC PLAN-06/2014)
- PROPOSED DMU TRACK
- SHIFTED EXISTING TRACK
- PROPOSED GOLD LINE TRACK
- REMOVED EXISTING TRACK

MATCH LINE "DOUBLE TRACKING"-SEE CV-144

EXISTING RIGHT OF WAY

CHURCH ST

PROPOSED RPRP TRACK

CHRISTOPHER COLUMBUS TRANSCONTINENTAL HWY (I-10)

BEGINNING OF SHIFTED RPRP TRACK.

REMOVED RPRP TRACK

PROPOSED DOUBLE TRACK

3485+00 3486+00 3487+00 3488+00 3489+00 3490+00 3491+00 3492+00 3493+00 3494+00 3495+00 3496+00 3497+00 3498+00 3499+00 3500+00

MATCH LINE "DOUBLE TRACKING"-SEE BELOW

MATCH LINE "DOUBLE TRACKING"-SEE ABOVE

E PARK AVE

END OF SHIFTED RPRP TRACK.

3501+00 3502+00 3503+00 3504+00 3505+00 3506+00 3507+00 3508+00 3509+00 3510+00 3511+00 3512+00 3513+00 3514+00 3515+00 3516+

100'-0"

PROPOSED DOUBLE TRACKING

#14 TURNOUT CHANGED TO CROSSOVER

MATCH LINE "DOUBLE TRACKING"-SEE BELOW

MATCH LINE "DOUBLE TRACKING"-SEE ABOVE

100'-0"

16+00 3516+79

MATCH LINE "DOUBLE TRACKING"-SEE BELOW

50' 0 50' 100'

SCALE: 1" = 50'

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CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/5/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

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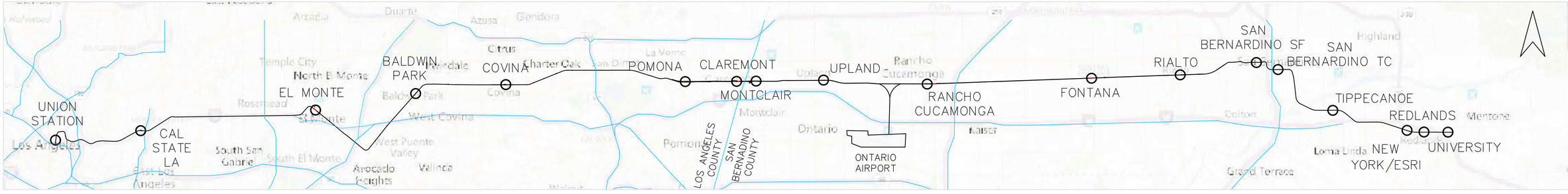
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED DOUBLE TRACKING SAN BERNARDINO SF TO REDLANDS UNIVERSITY

CONTRACT NO. C14003
DRAWING NO. CV-145
REVISION
SHEET NO. 45
SCALE AS SHOWN

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SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY



HYBRID RAIL SERVICE PLANNING STUDY
DMU PLATFORMS

MARCH 22, 2018

DRAFT

GENERAL

GE-001 SHEET INDEX

PLATFORM SITE PLAN AND CROSS SECTIONS

CV-201 TYPICAL MINI-HIGH PLATFORM MODIFICATION – SHEET 1 OF 14
CV-202 MINI-HIGH CENTER PLATFORM MODIFICATION DETAIL B-B – SHEET 2 OF 14
CV-203 MINI-HIGH SIDE PLATFORM MODIFICATION DETAIL C-C – SHEET 3 OF 14
CV-204 PROPOSED EL MONTE SITE PLATFORM PLAN AND CROSS SECTION – SHEET 4 OF 14
CV-205 PROPOSED BALDWIN PARK SITE PLATFORM PLAN AND CROSS SECTION – SHEET 5 OF 14
CV-206 PROPOSED COVINA SITE PLATFORM PLAN AND CROSS SECTION – SHEET 6 OF 14
CV-207 PROPOSED POMONA SITE PLATFORM PLAN AND CROSS SECTION – SHEET 7 OF 14
CV-208 PROPOSED CLAREMONT SITE PLATFORM PLAN AND CROSS SECTION – SHEET 8 OF 14
CV-209 PROPOSED MONTCLAIR SITE PLATFORM PLAN AND CROSS SECTION – SHEET 9 OF 14
CV-210 PROPOSED UPLAND SITE PLATFORM PLAN AND CROSS SECTION – SHEET 10 OF 14
CV-211 PROPOSED RANCHO CUCAMONGA SITE PLATFORM PLAN AND CROSS SECTION – SHEET 11 OF 14
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CV-213 PROPOSED RIALTO SITE PLATFORM PLAN AND CROSS SECTION – SHEET 13 OF 14
CV-214 PROPOSED SAN BERNARDINO SITE PLATFORM PLAN AND CROSS SECTION – SHEET 14 OF 14

REV.	DATE	DESCRIPTION	BT / SUB	APP.

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DATE: 3/22/2018

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SUBMITTED: _____

MOTT MACDONALD

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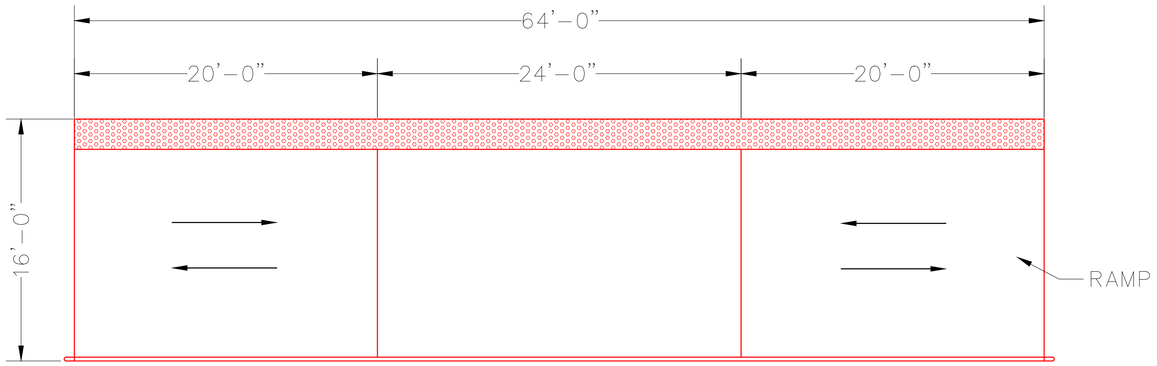
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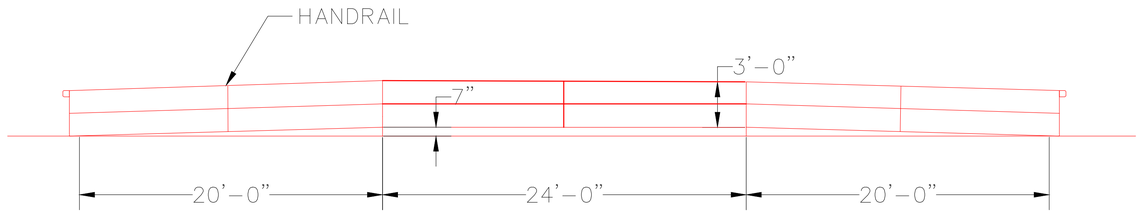
HYBRID-RAIL SERVICE PLANNING STUDY

SHEET INDEX

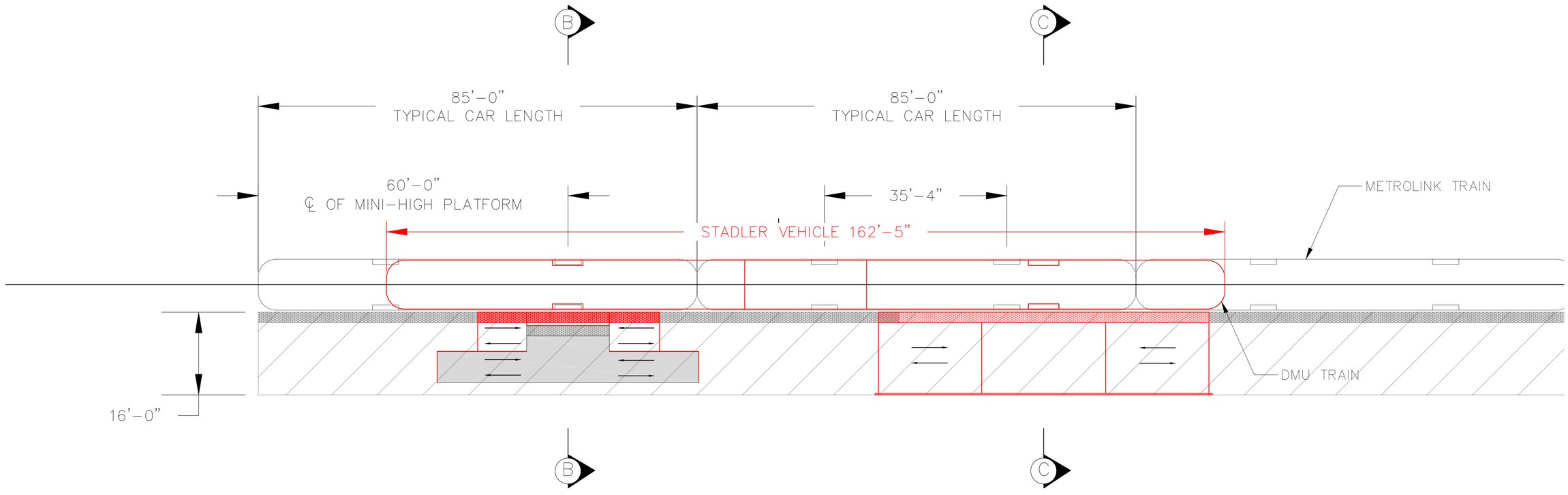
CONTRACT NO. C14003
DRAWING NO. GE-001
REVISION | SHEET NO.
SCALE

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PROPOSED DMU MINI-HIGH PLATFORM DETAIL (TYPICAL)



TYPICAL PLATFORM MODIFICATIONS – PLAN VIEW

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DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
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DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

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MOTT MACDONALD

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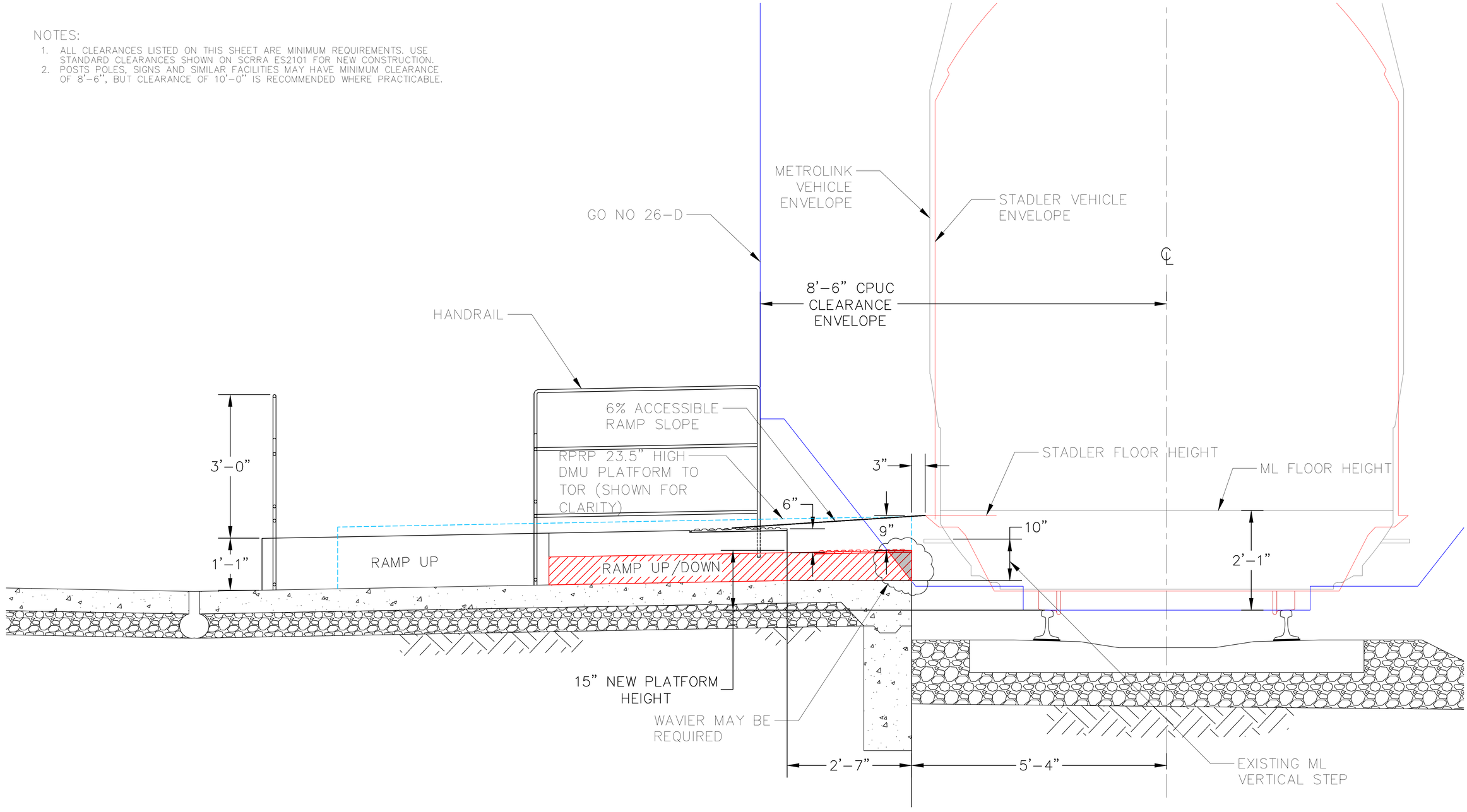
TYPICAL MINI-HIGH PLATFORM MODIFICATION

CONTRACT NO. C14003
DRAWING NO. CV-201
REVISION
SHEET NO. 1
SCALE NTS

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NOTES:

1. ALL CLEARANCES LISTED ON THIS SHEET ARE MINIMUM REQUIREMENTS. USE STANDARD CLEARANCES SHOWN ON SCRRA ES2101 FOR NEW CONSTRUCTION.
2. POSTS POLES, SIGNS AND SIMILAR FACILITIES MAY HAVE MINIMUM CLEARANCE OF 8'–6", BUT CLEARANCE OF 10'–0" IS RECOMMENDED WHERE PRACTICABLE.



TYPICAL CENTER PLATFORM MODIFICATION DETAIL B–B

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

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MOTT MACDONALD

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HYBRID-RAIL SERVICE PLANNING STUDY

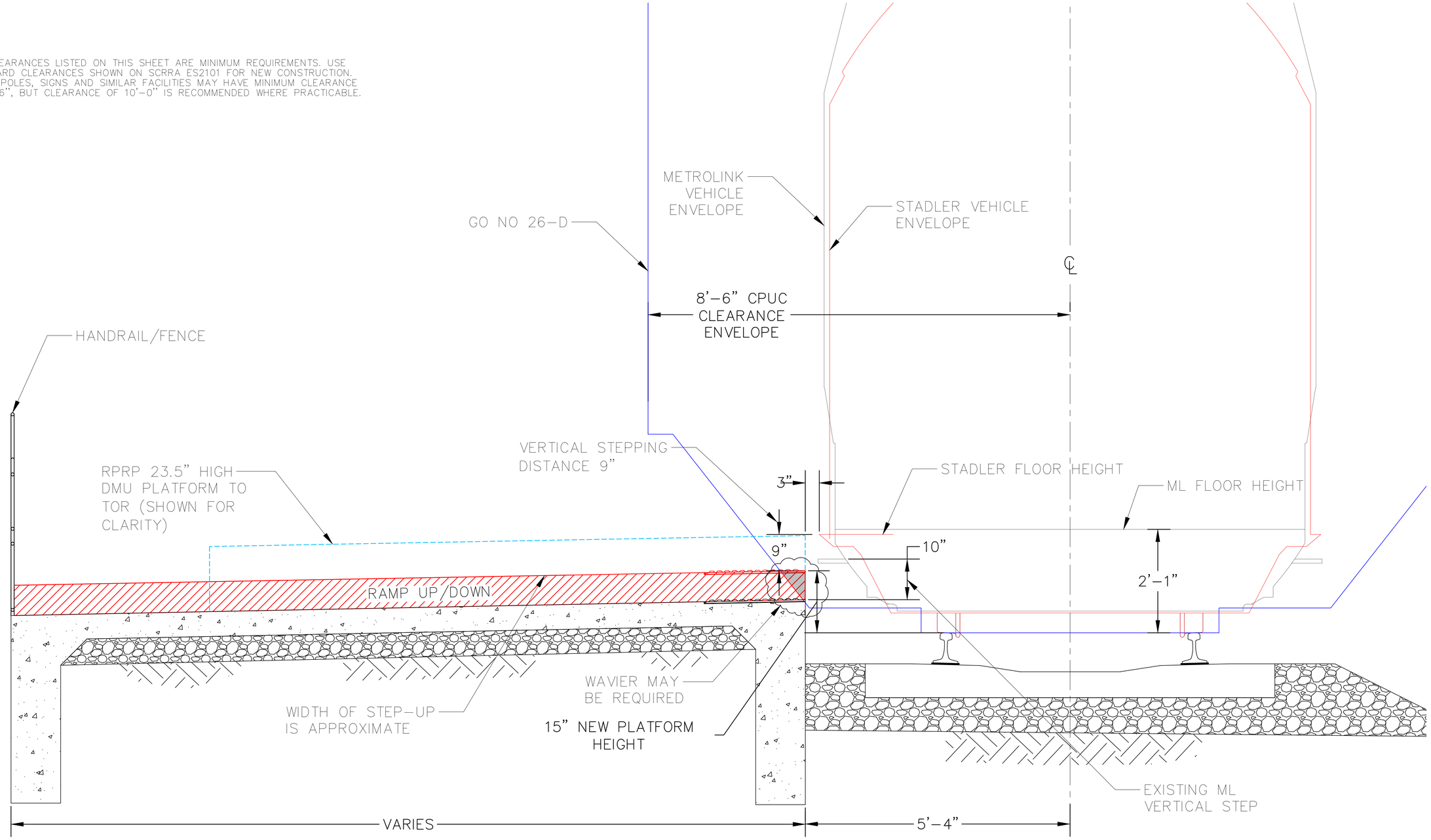
MINI–HIGH CENTER PLATFORM MODIFICATION DETAIL B–B

CONTRACT NO. C14003
DRAWING NO. CV–202
REVISION
SHEET NO. 2
SCALE NTS

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NOTES:

1. ALL CLEARANCES LISTED ON THIS SHEET ARE MINIMUM REQUIREMENTS. USE STANDARD CLEARANCES SHOWN ON SCRRA ES2101 FOR NEW CONSTRUCTION.
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TYPICAL SIDE PLATFORM MODIFICATION DETAIL – C–C

REV.	DATE	DESCRIPTION	BT	SUB	APP.

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DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

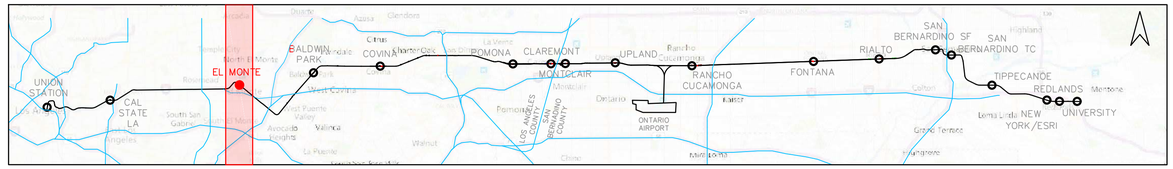
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HYBRID-RAIL SERVICE PLANNING STUDY

MINI–HIGH SIDE PLATFORM MODIFICATION DETAIL C–C

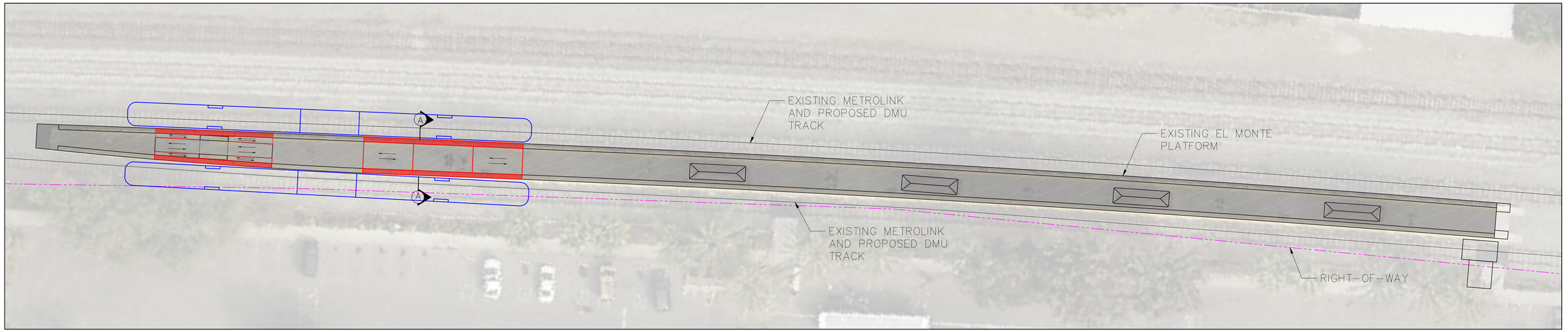
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DRAWING NO. CV–203
REVISION
SHEET NO. 3
SCALE NTS

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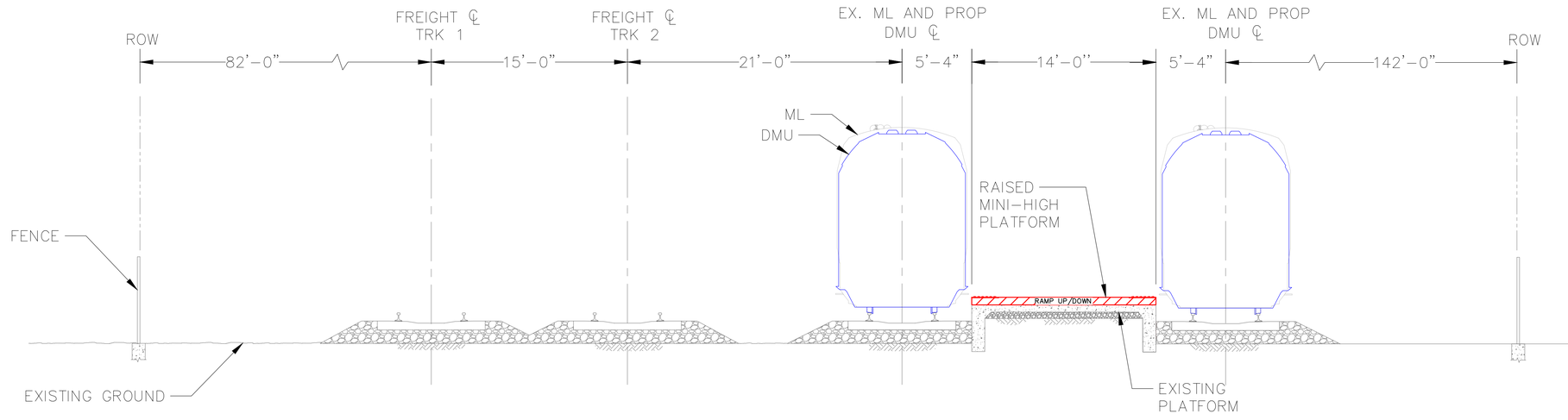
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT-OF-WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED EL MONTE SITE PLAN

SCALE: 1''=20'



PROPOSED EL MONTE PLATFORM CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

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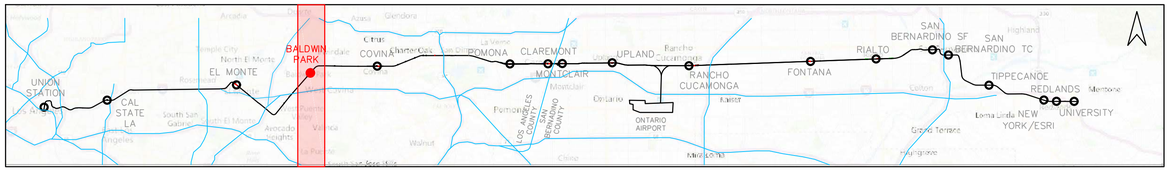
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HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED EL MONTE SITE PLATFORM PLAN AND CROSS SECTION

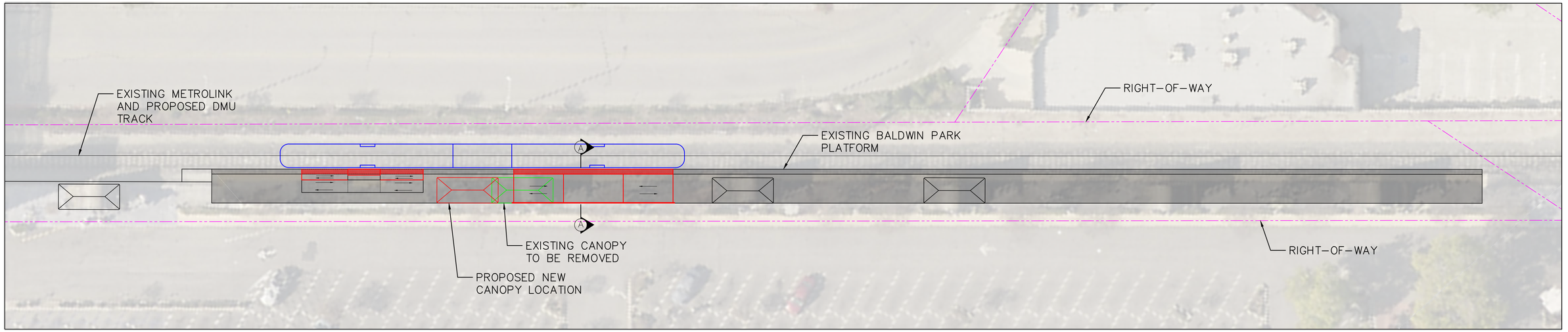
CONTRACT NO. C14003
DRAWING NO. CV-204
REVISION
SHEET NO. 4
SCALE AS SHOWN

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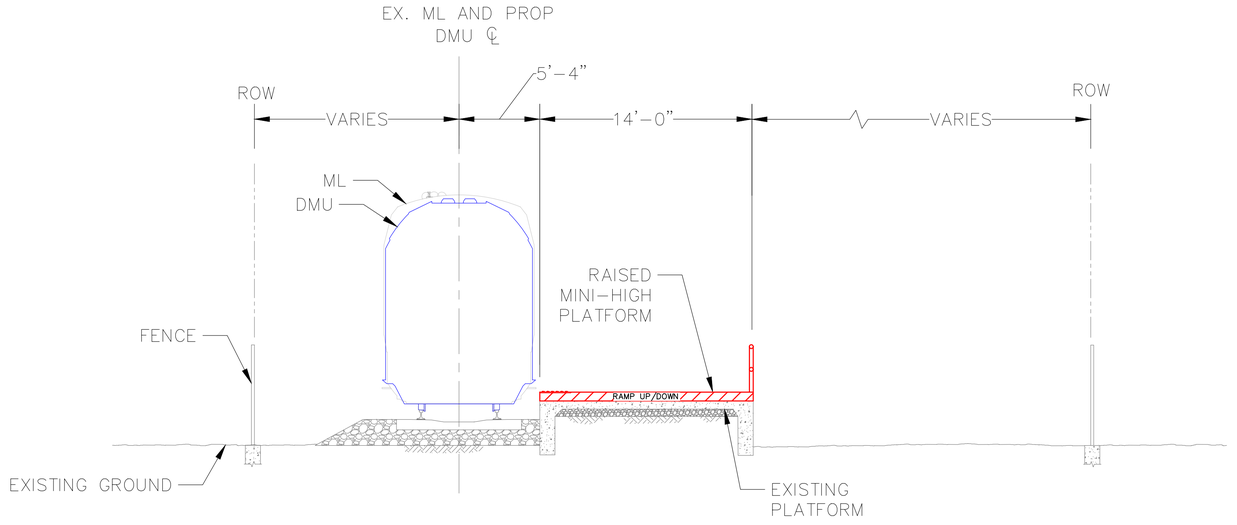
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT-OF-WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED BALDWIN PARK SITE PLAN

SCALE: 1''=20'



PROPOSED BALDWIN PARK CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

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SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

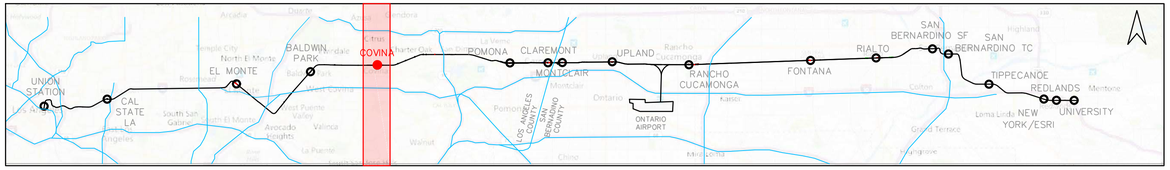
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HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED BALDWIN PARK SITE PLAN AND CROSS SECTION

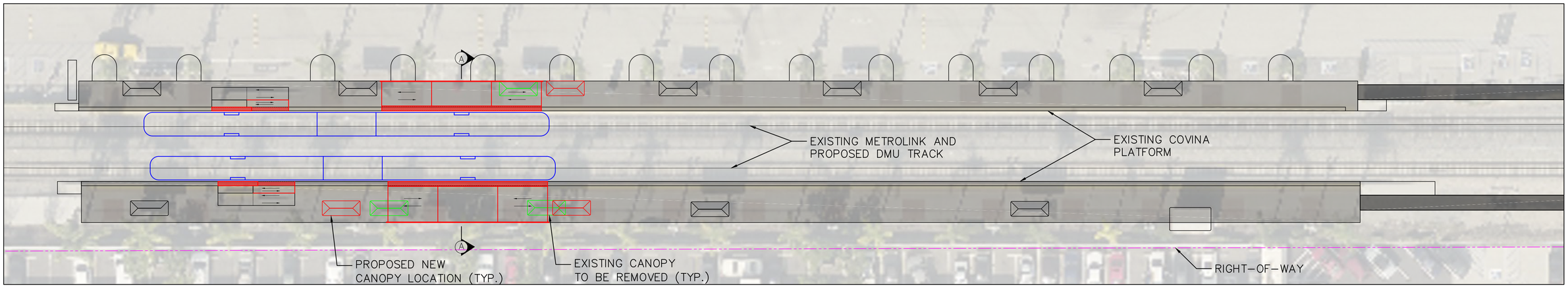
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DRAWING NO. CV-205
REVISION
SHEET NO. 5
SCALE AS SHOWN

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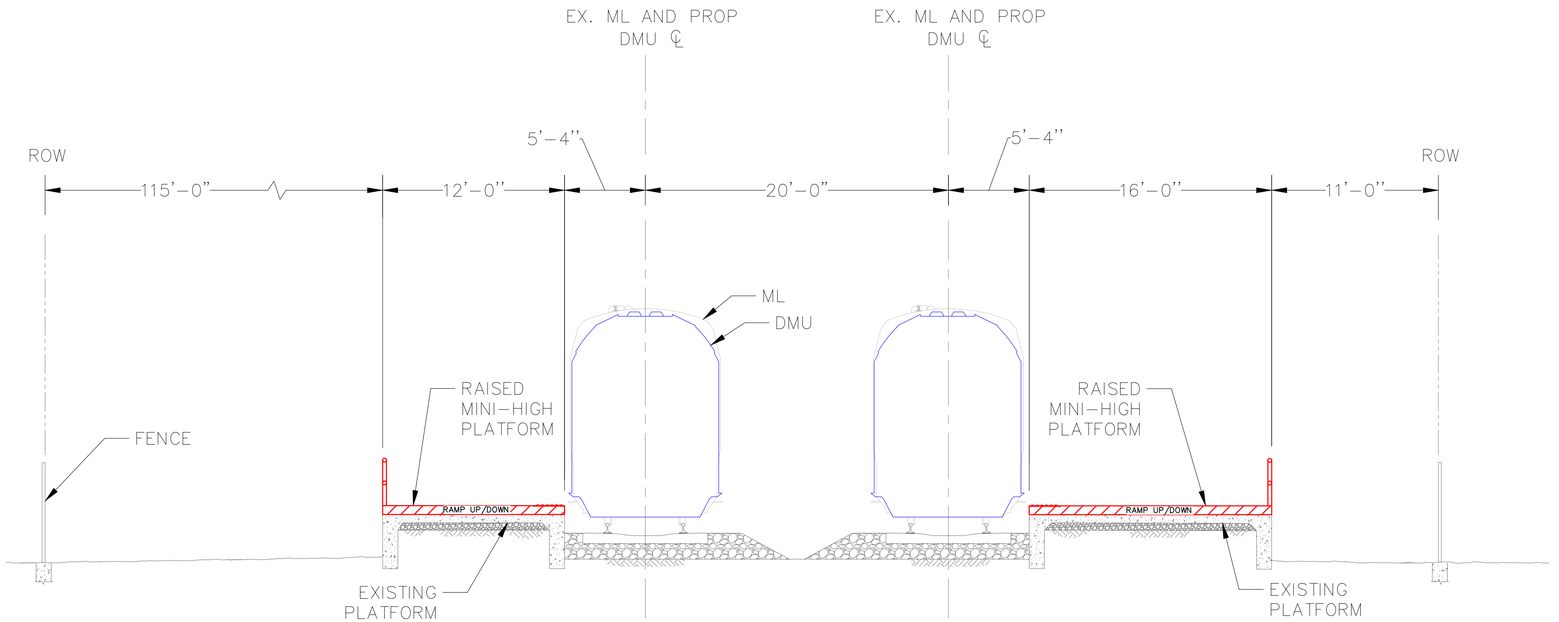
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT–OF–WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED COVINA SITE PLAN

SCALE: 1''=20'



PROPOSED COVINA DMU PLATFORM CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

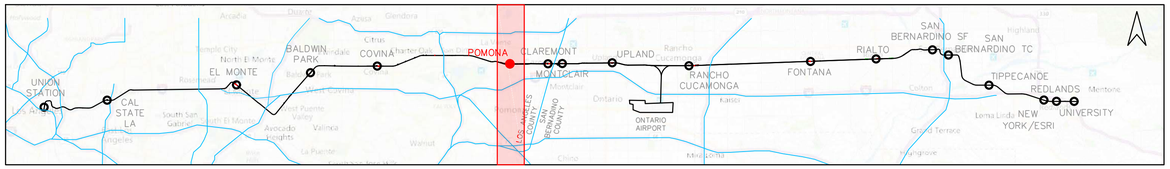
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HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED COVINA SITE PLAN AND CROSS SECTION

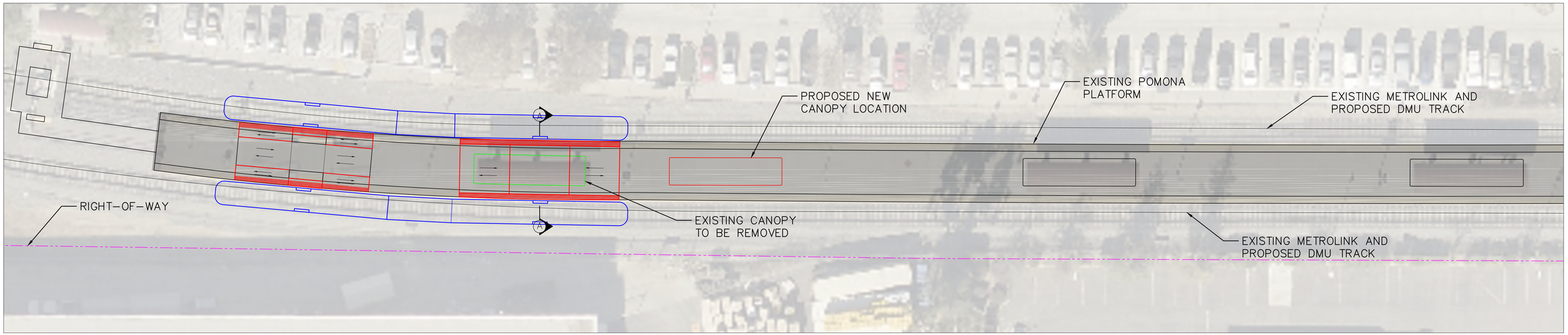
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REVISION
SHEET NO. 6
SCALE AS SHOWN

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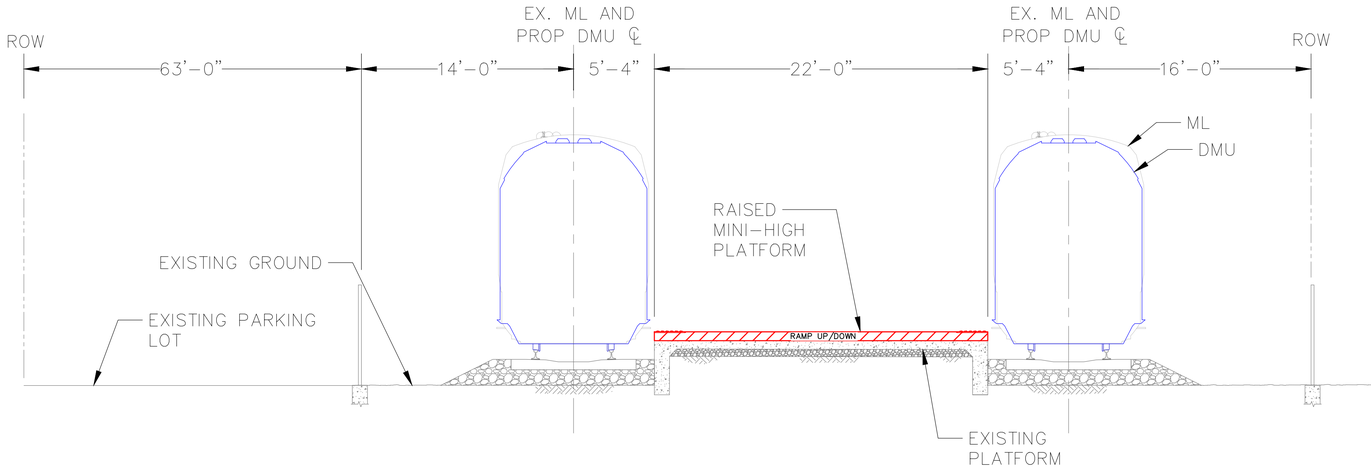
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT-OF-WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED POMONA SITE PLAN

SCALE: 1''=20'



PROPOSED POMONA CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
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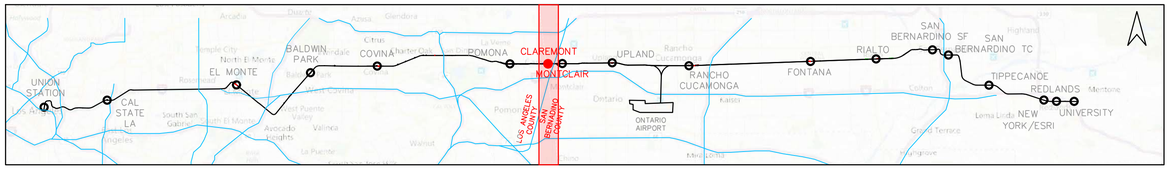
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HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED POMONA SITE PLAN AND CROSS SECTION

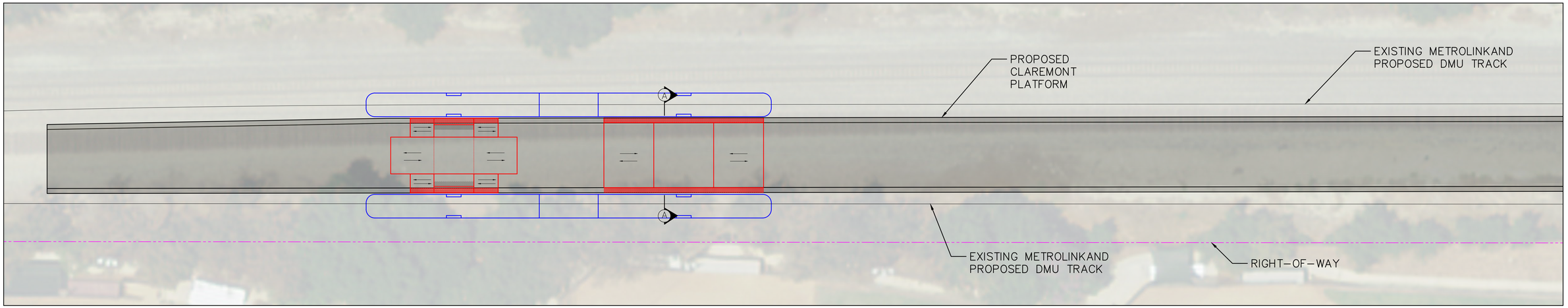
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REVISION
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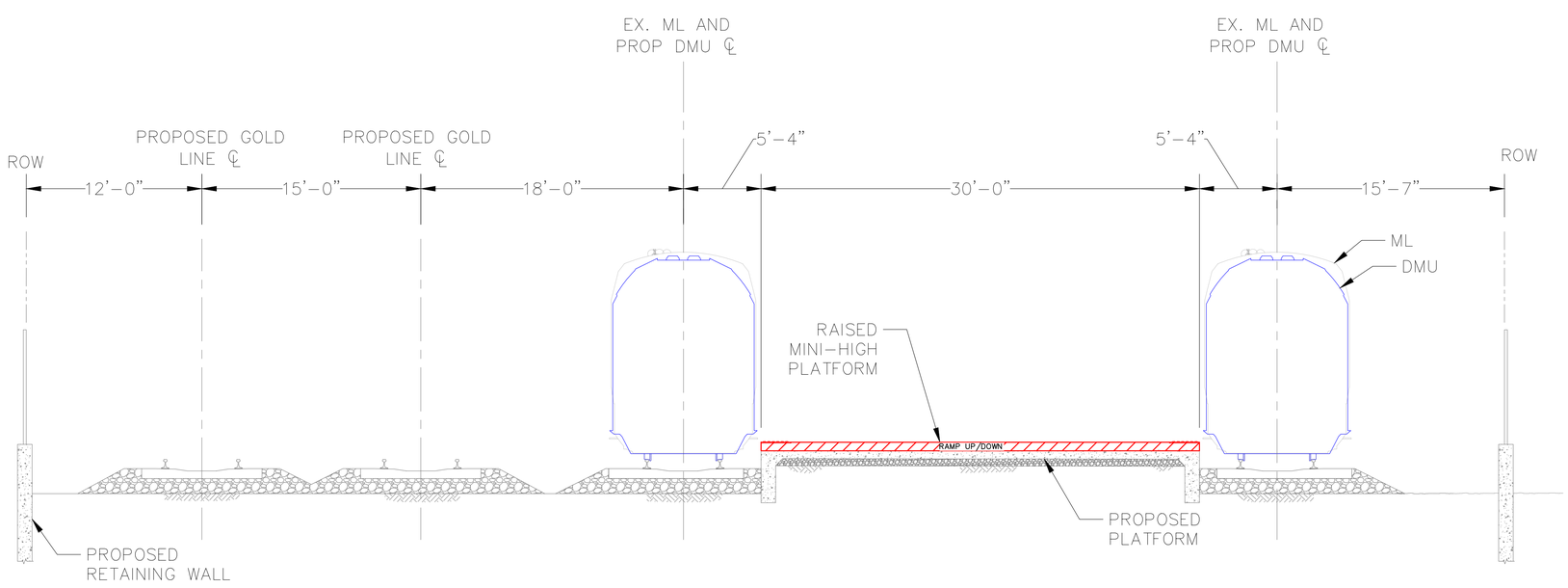
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT-OF-WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED CLAREMONT SITE PLAN

SCALE: 1''=20'



PROPOSED CLAREMONT DMU PLATFORM CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

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CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
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MOTT MACDONALD

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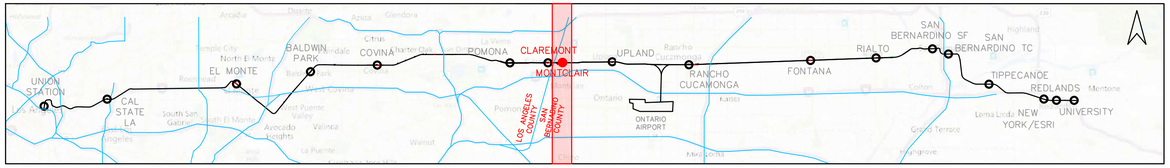
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HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED CLAREMONT SITE PLAN AND CROSS SECTION

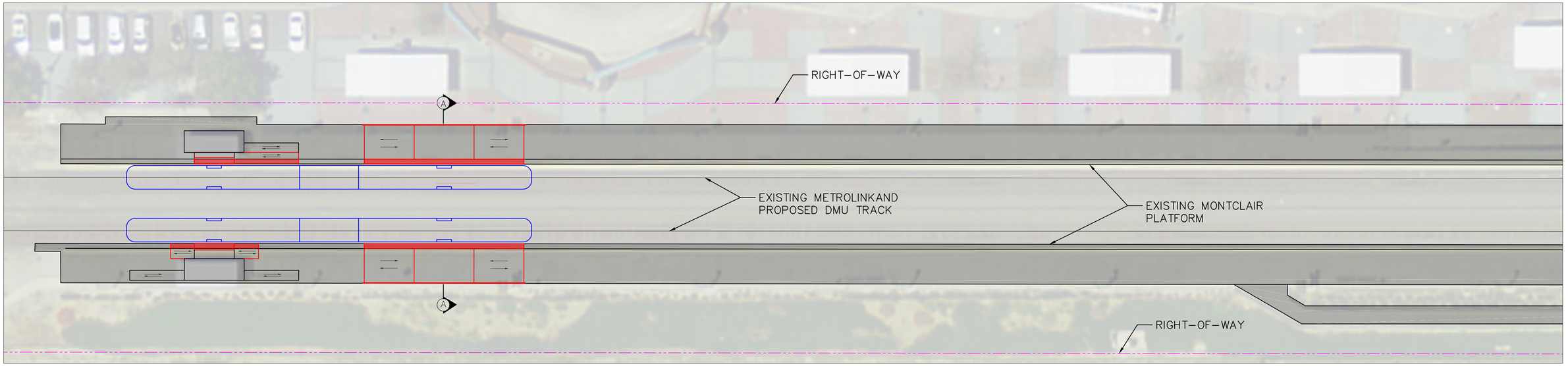
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DRAWING NO. CV-208
REVISION
SHEET NO. 8
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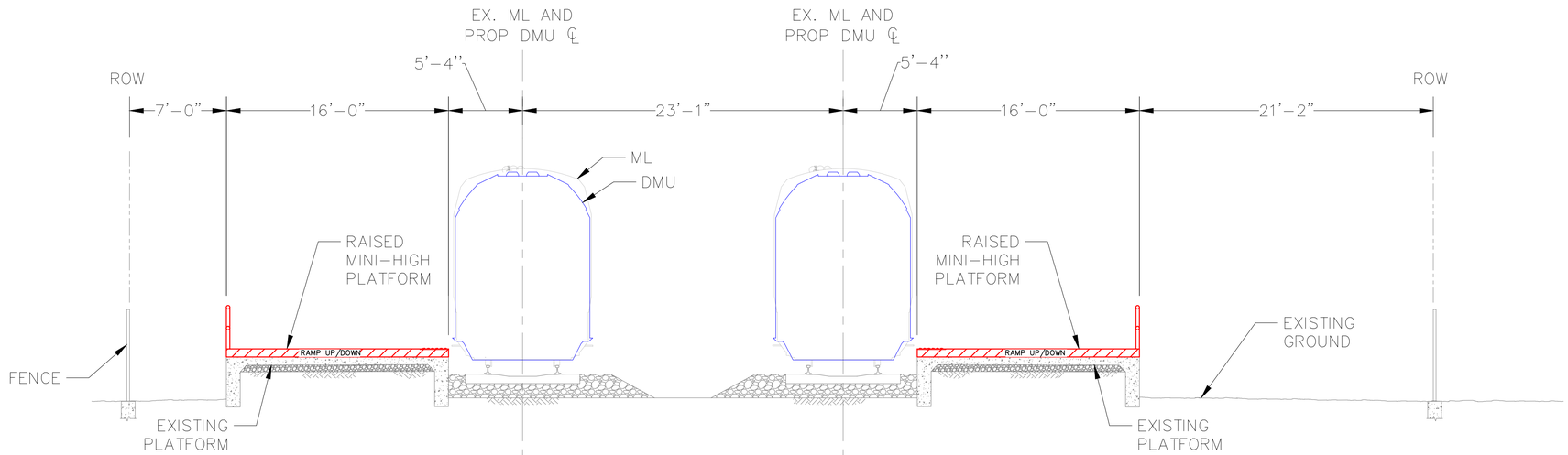
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT-OF-WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED MONTCLAIR SITE PLAN

SCALE: 1''=20'



PROPOSED MONTCLAIR DMU PLATFORM CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

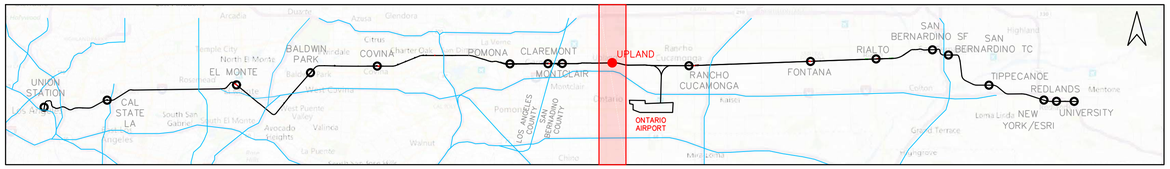
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED MONTCLAIR SITE PLAN AND CROSS SECTION

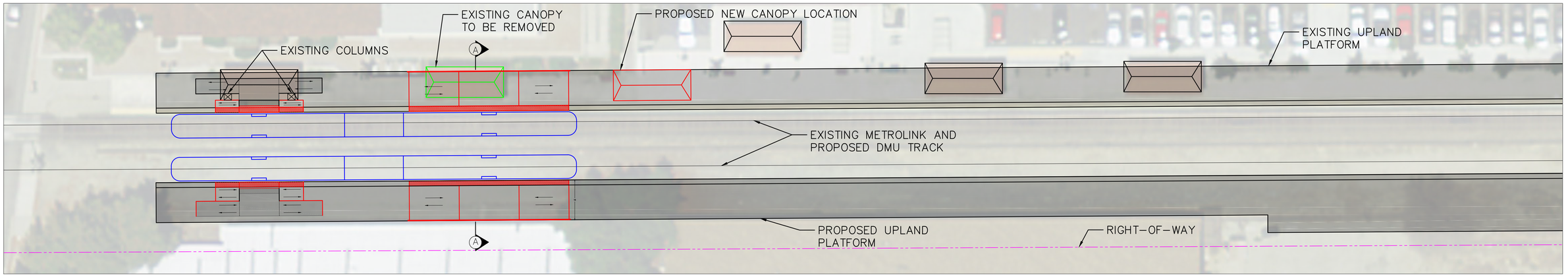
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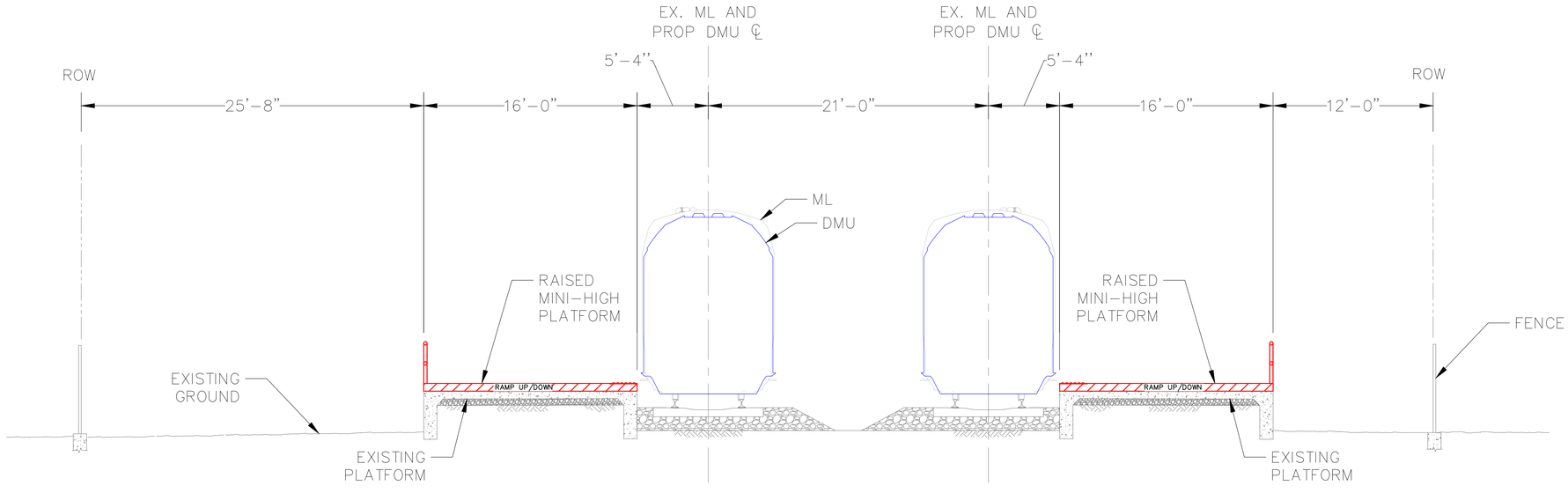
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT-OF-WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED UPLAND SITE PLAN

SCALE: 1''=20'



PROPOSED UPLAND DMU PLATFORM CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

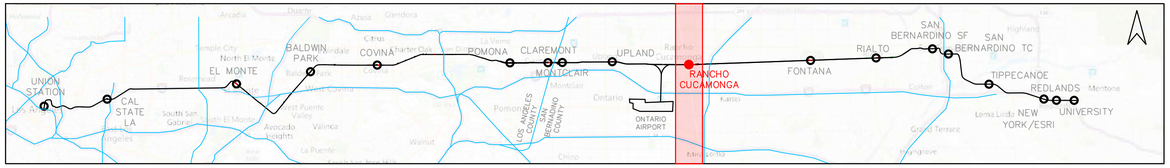
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED UPLAND SITE PLAN AND CROSS SECTION

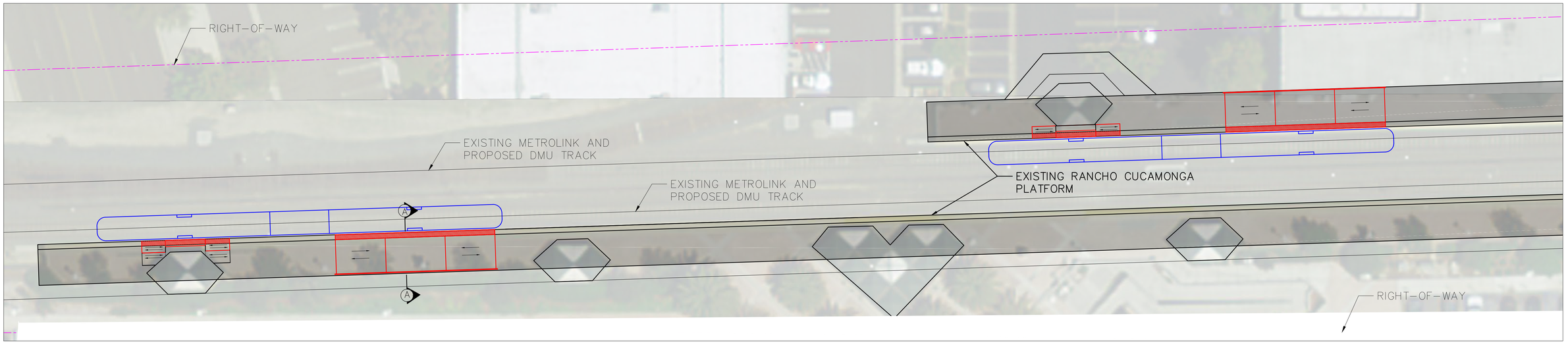
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SHEET NO. 10
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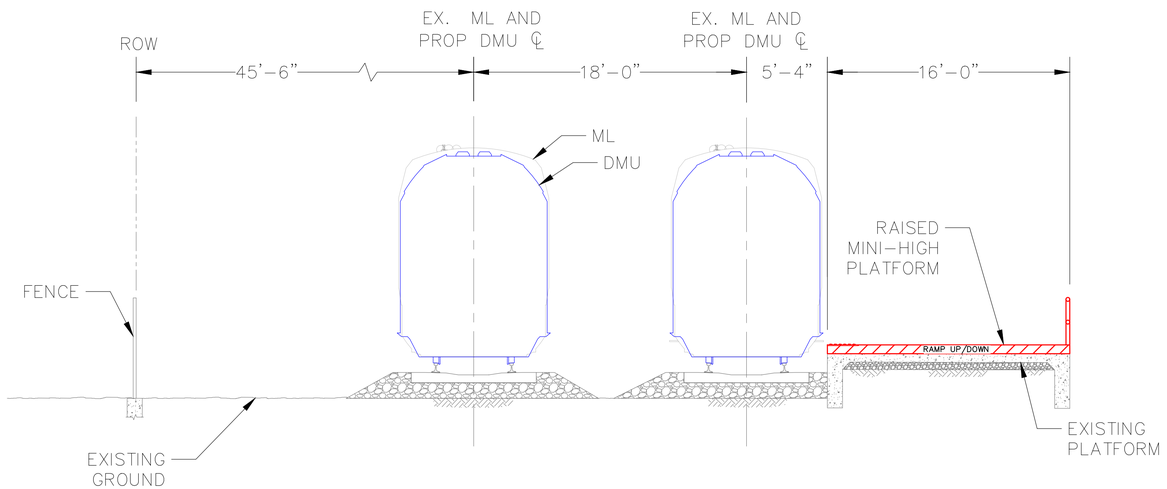
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT–OF–WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED RANCHO CUCAMONGA SITE PLAN

SCALE: 1''=20'



PROPOSED RANCHO CUCAMONGA CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

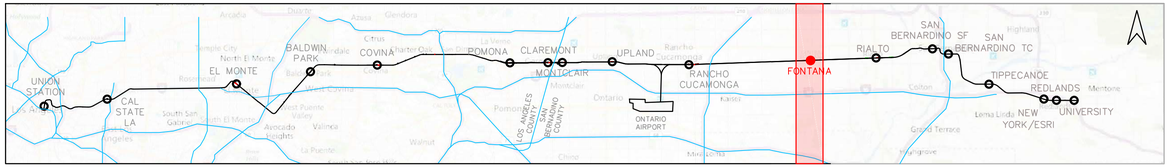
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED RANCHO CUCAMONGA SITE PLAN AND CROSS SECTION

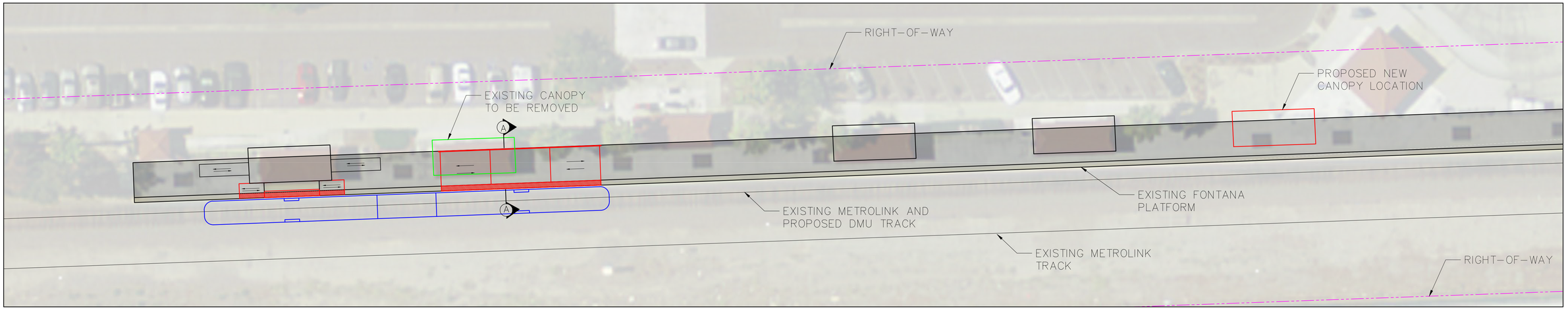
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SHEET NO. 11
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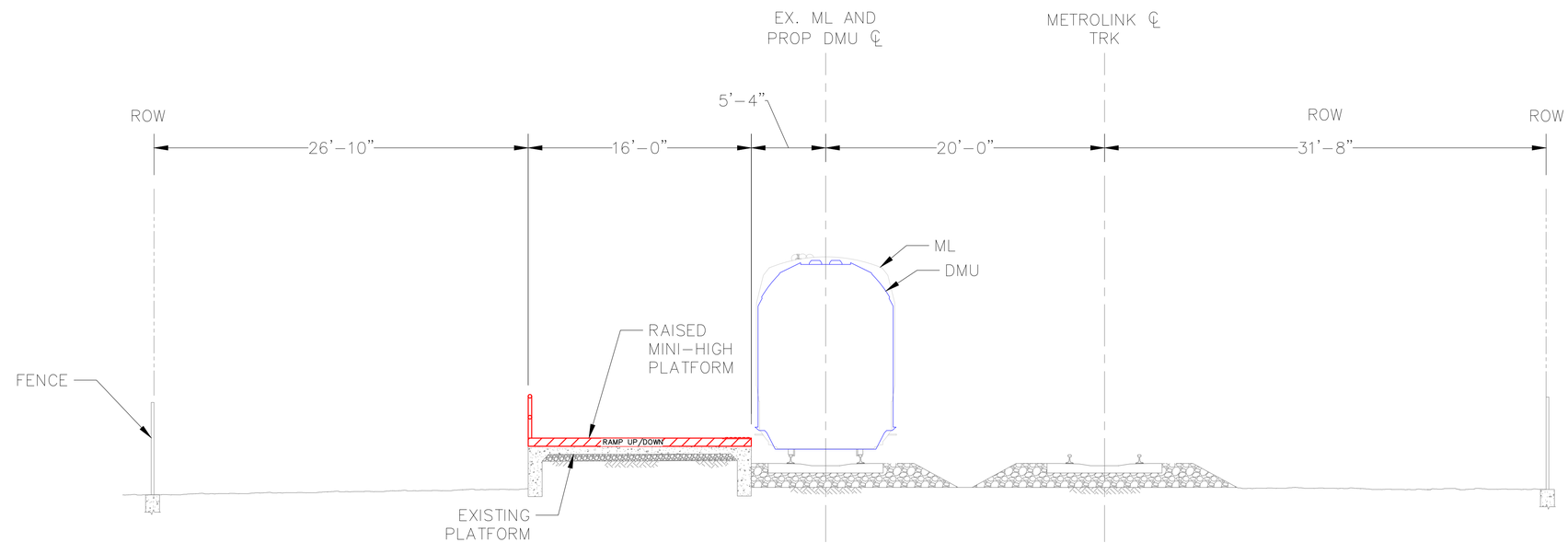
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT-OF-WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED FONTANA SITE PLAN

SCALE: 1''=20'



PROPOSED FONTANA CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

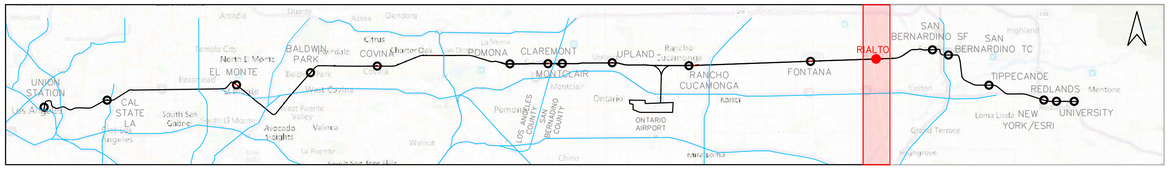
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED FONTANA SITE PLAN AND CROSS SECTION

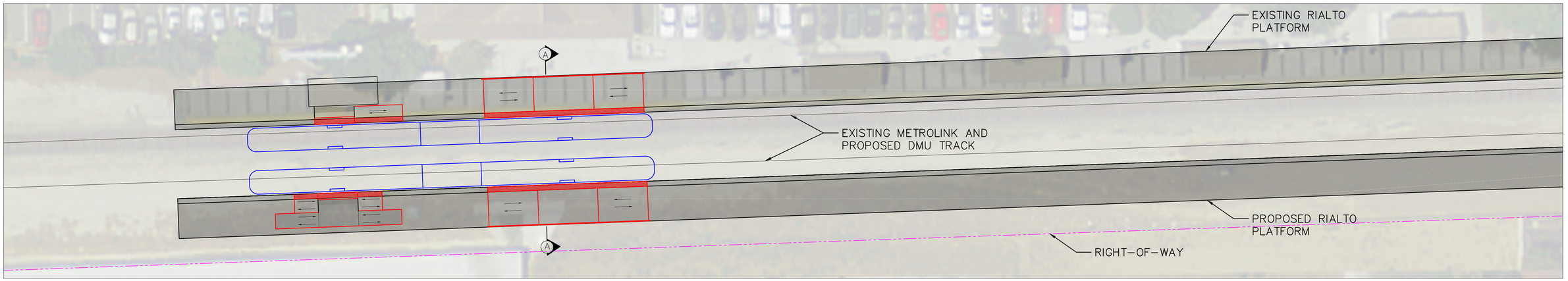
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SHEET NO. 12
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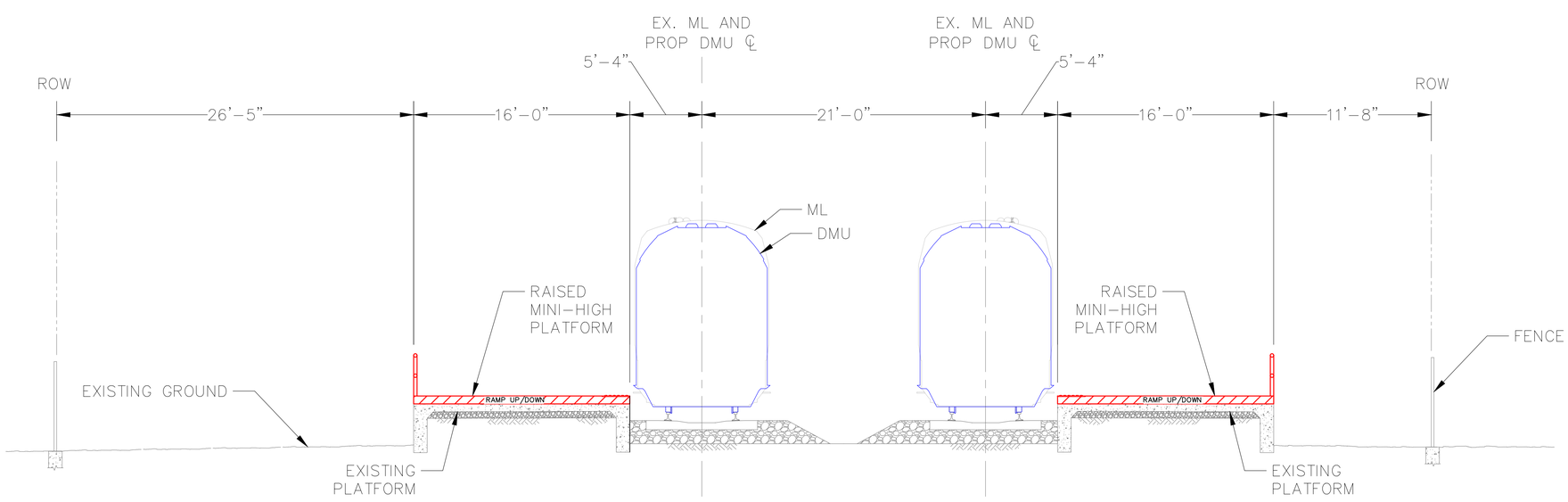
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT-OF-WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED RIALTO SITE PLAN

SCALE: 1''=20'



PROPOSED RIALTO DMU PLATFORM CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

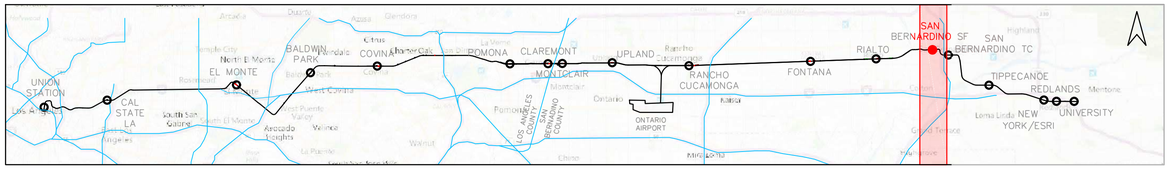
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED RIALTO SITE PLAN AND CROSS SECTION

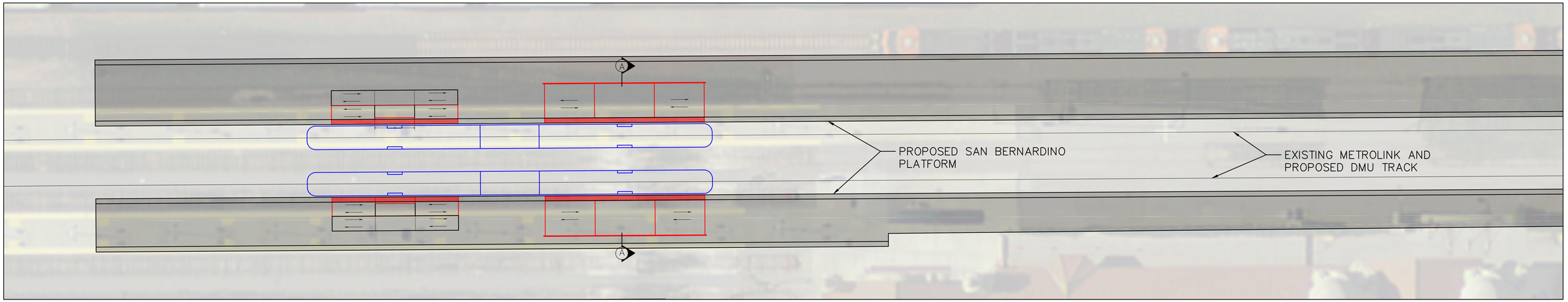
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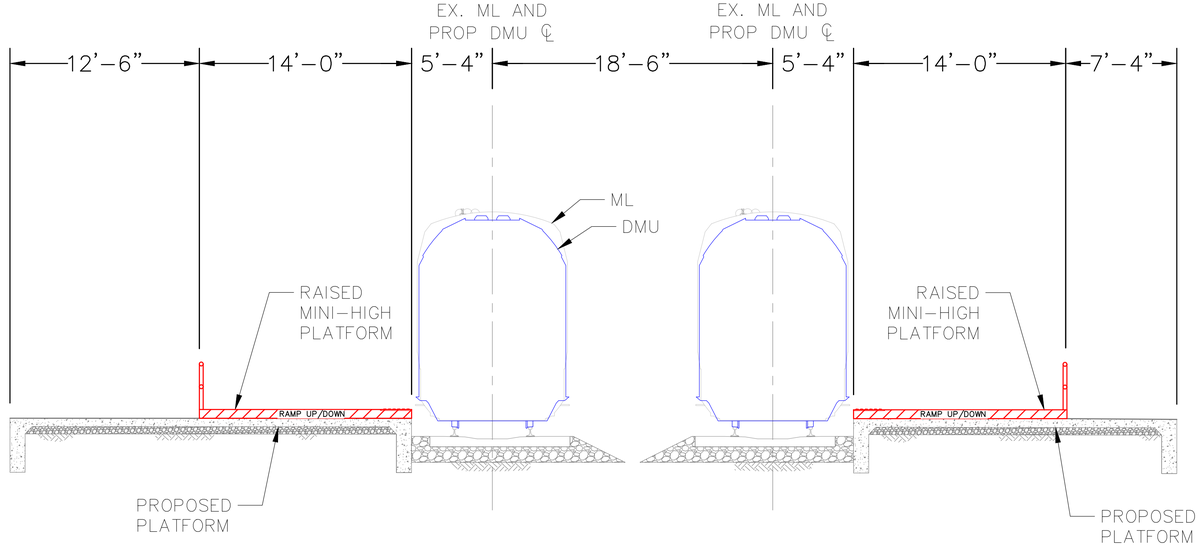
LEGEND

- EXISTING STATION FEATURES
- EXISTING RIGHT-OF-WAY
- REMOVED
- PROPOSED PLATFORM MODIFICAITON
- PROPOSED DMU



PROPOSED SAN BERNARDINO SITE PLAN

SCALE: 1''=20'



PROPOSED SAN BERNARDINO DMU PLATFORM CROSS SECTION (A)

NTS

20' 0 20' 40'

SCALE: 1" = 20'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY: P.DAVE
DRAWN BY: C.HERNANDEZ
CHECKED BY: A.HUSSAIN
SUBMITTED BY: A.HUSSAIN
DATE: 3/22/2018

sbcta San Bernardino County Transportation Authority

SUBMITTED: _____

MOTT MACDONALD

APPROVED: _____

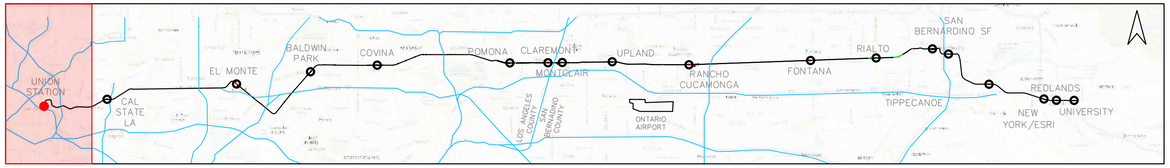
FOR INFORMATION ONLY NOT FOR CONSTRUCTION

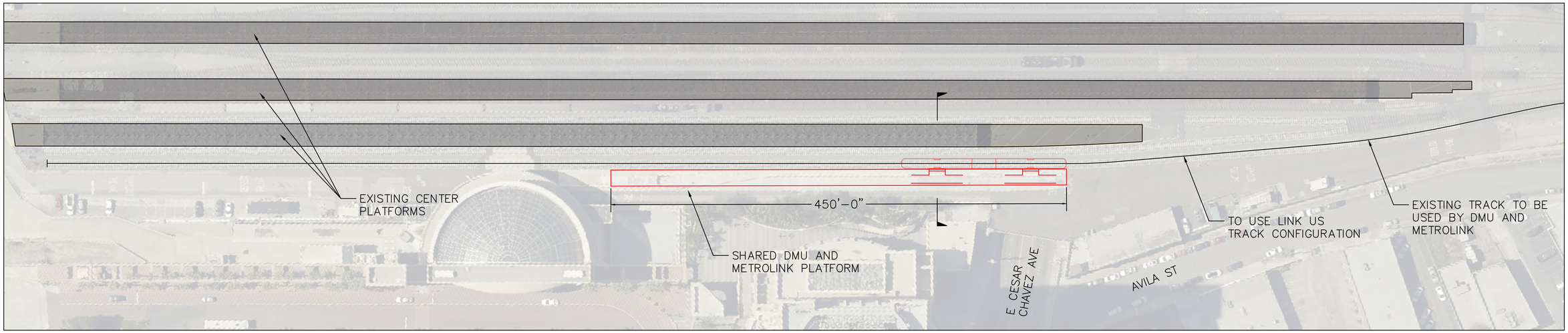
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED SAN BERNARDINO SITE PLAN AND CROSS SECTION

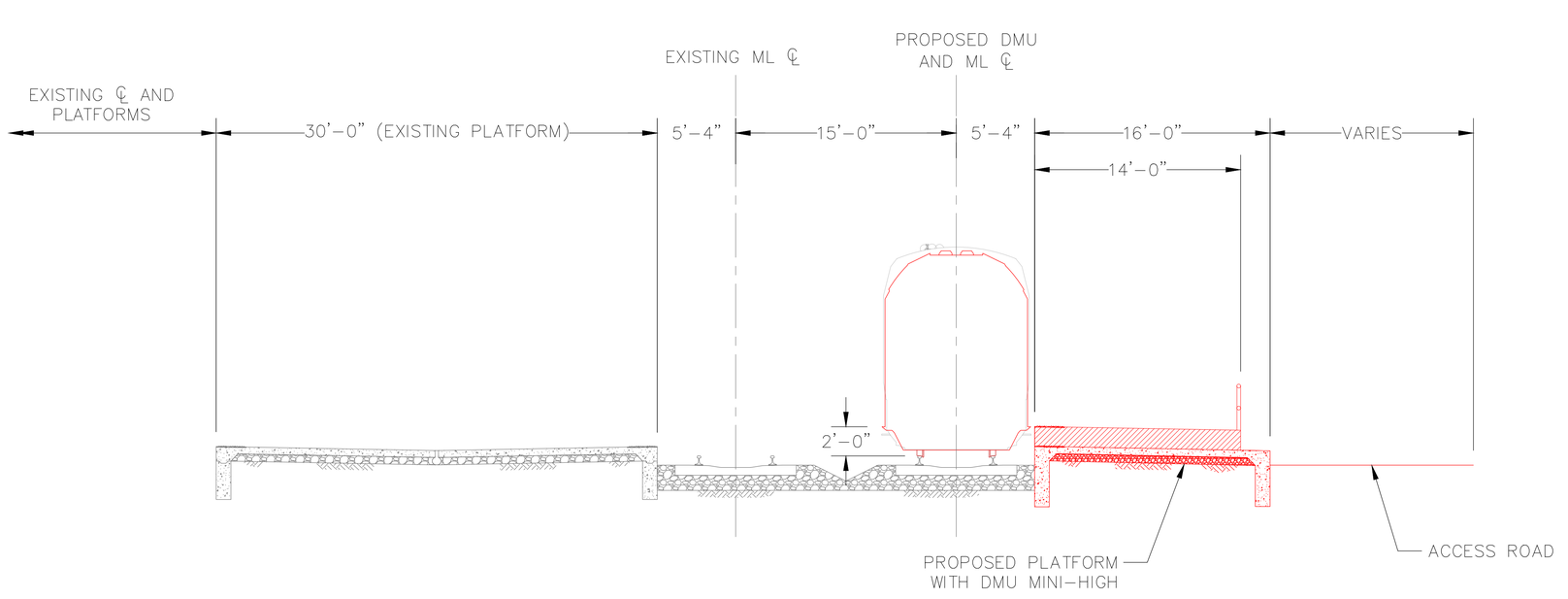
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DRAWING NO. CV-214
REVISION
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SCALE AS SHOWN

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PROPOSED UNION STATION SITE PLAN – OPTION 6.2



50' 0 50' 100'
SCALE: 1" = 50'

PROPOSED UNION STATION PLATFORM CROSS SECTION

REV.	DATE	DESCRIPTION	BT / SUB	APP.

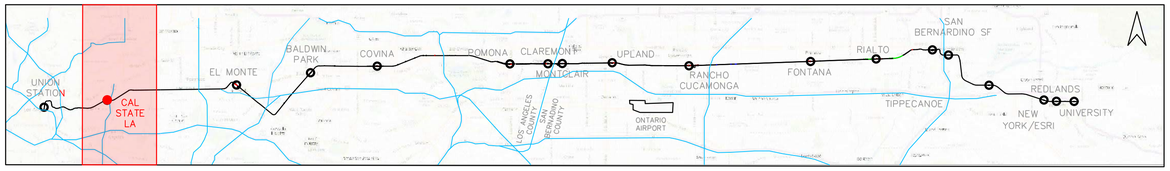
DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017
SUBMITTED:
APPROVED:

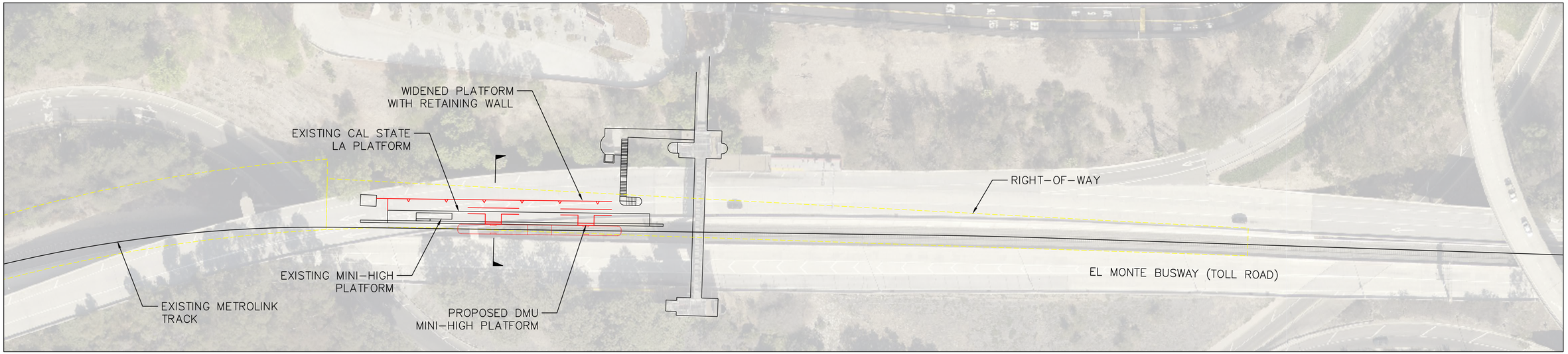
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED UNION STATION SITE PLATFORM PLAN AND CROSS SECTION

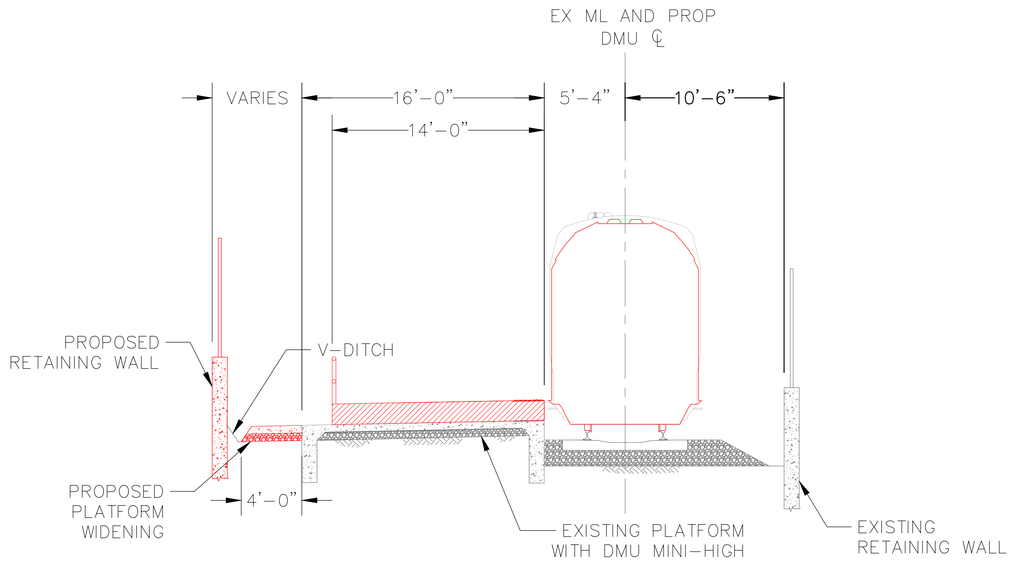
CONTRACT NO.
DRAWING NO. 1
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 - 2:38pm C:\pwworking\hmm\rail_transit\dav68196\dms98981\309710-CV-DMU-STATIONS.dwg





PROPOSED CAL STATE LA SITE PLAN – OPTION 6.1



EXISTING CAL STATE LA PLATFORM CROSS SECTION

50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT / SUB	APP.

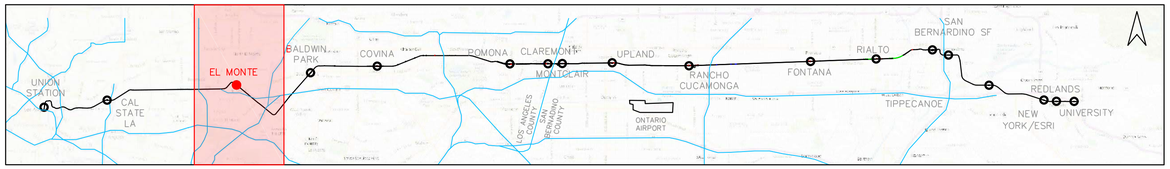
DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017
SUBMITTED:
APPROVED:

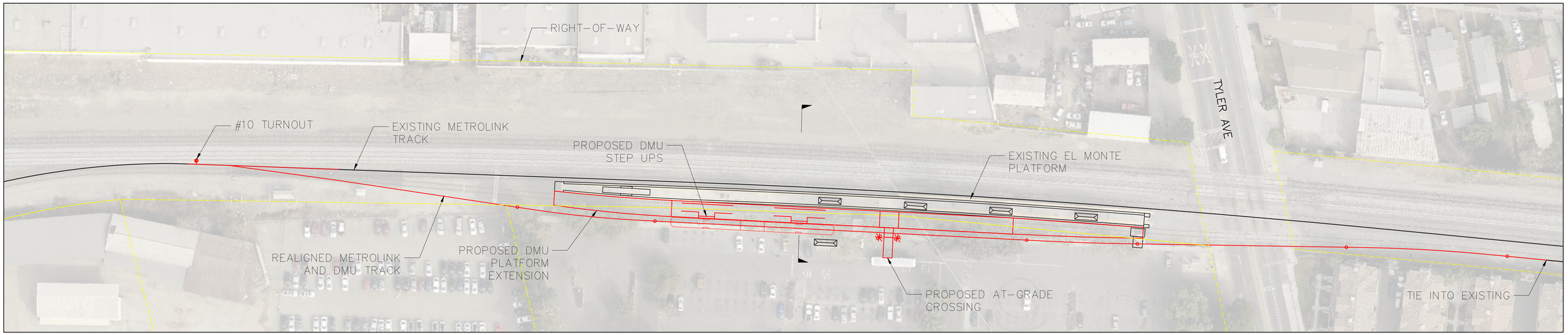
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED CAL STATE LA SITE PLATFORM PLAN AND CROSS SECTION

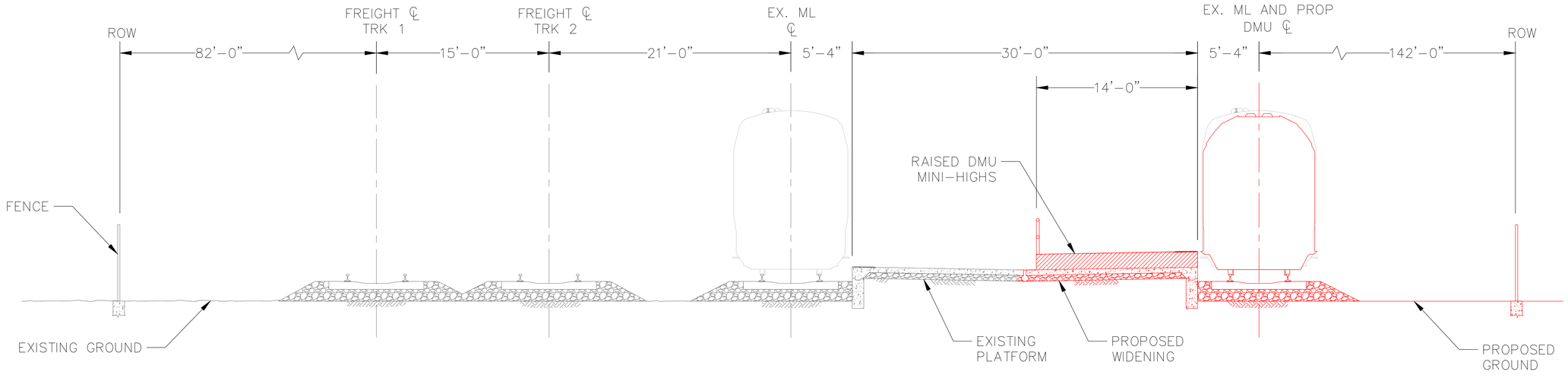
CONTRACT NO.
DRAWING NO. 2
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 – 2:42pm C:\pw\working\vmm\vol_transit\dav68196\dms98961\309710-CV-DMU-STATIONS.dwg





PROPOSED EL MONTE SITE PLAN – OPTION 6.4



PROPOSED EL MONTE PLATFORM CROSS SECTION

50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

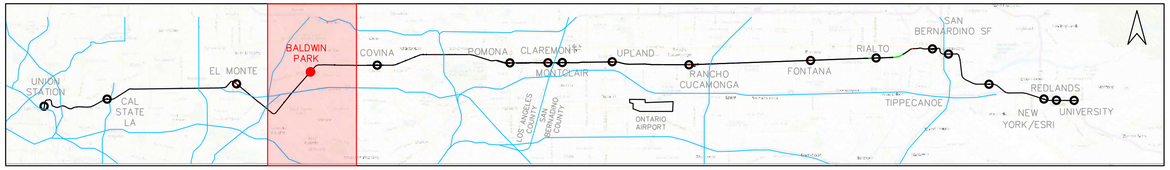
DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017
SUBMITTED:
APPROVED:

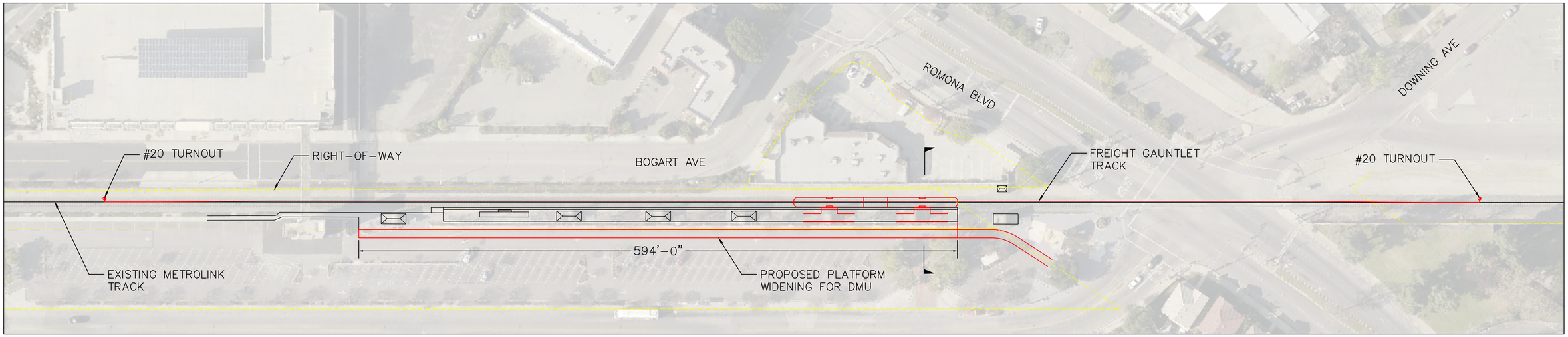
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED EL MONTE SITE PLATFORM PLAN AND CROSS SECTION

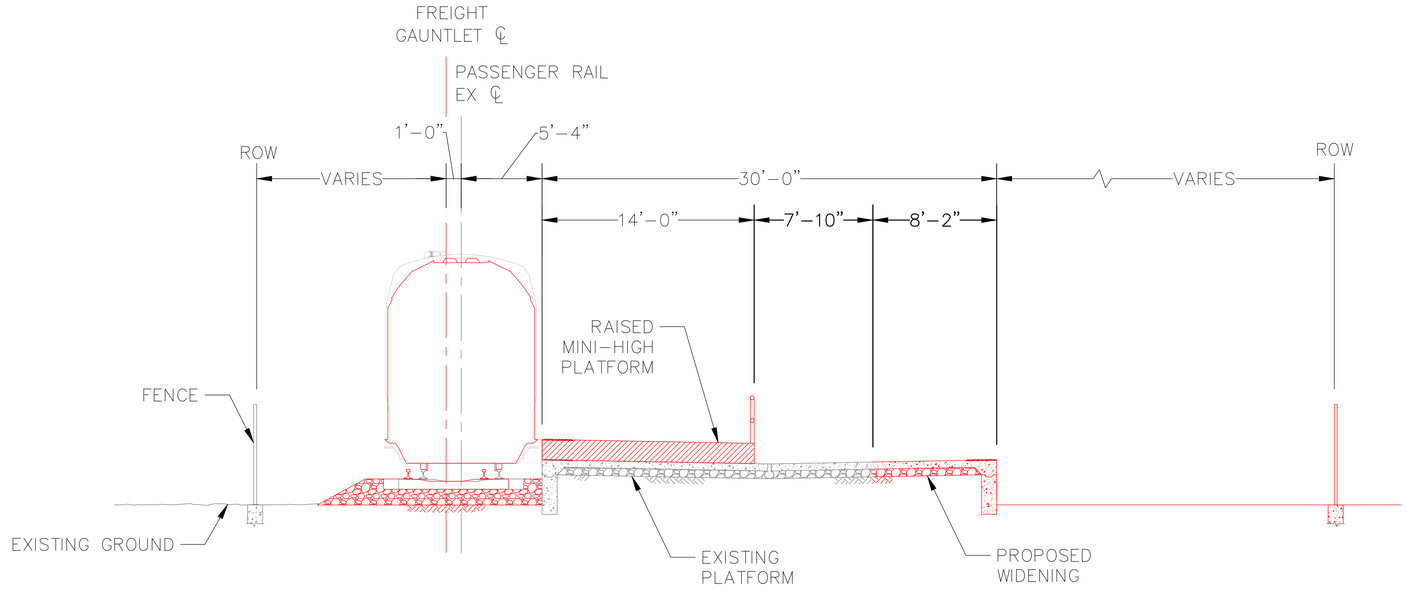
CONTRACT NO.
DRAWING NO. 3
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 - 2:49pm C:\pwworking\hmm\rail_transit\dav68196\dms89961\309710-CV-DMU-STATIONS.dwg





PROPOSED BALDWIN PARK SITE PLAN – OPTION 1



50' 0 50' 100'
SCALE: 1" = 50'

PROPOSED BALDWIN PARK CROSS SECTION

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017

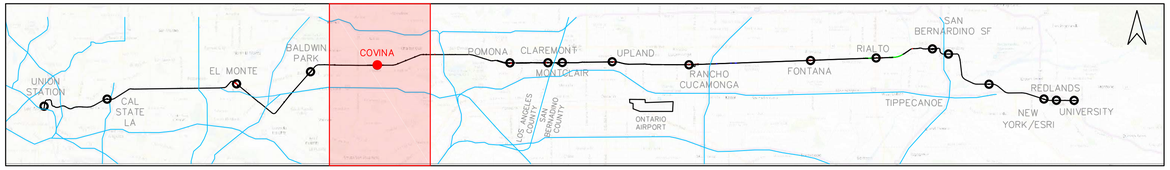
SUBMITTED: _____ APPROVED: _____

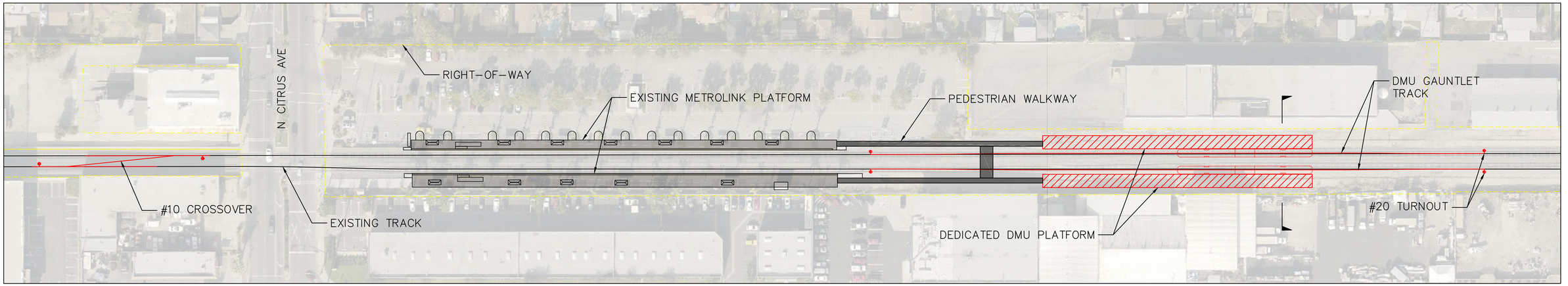
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED BALDWIN PARK SITE PLAN AND CROSS SECTION

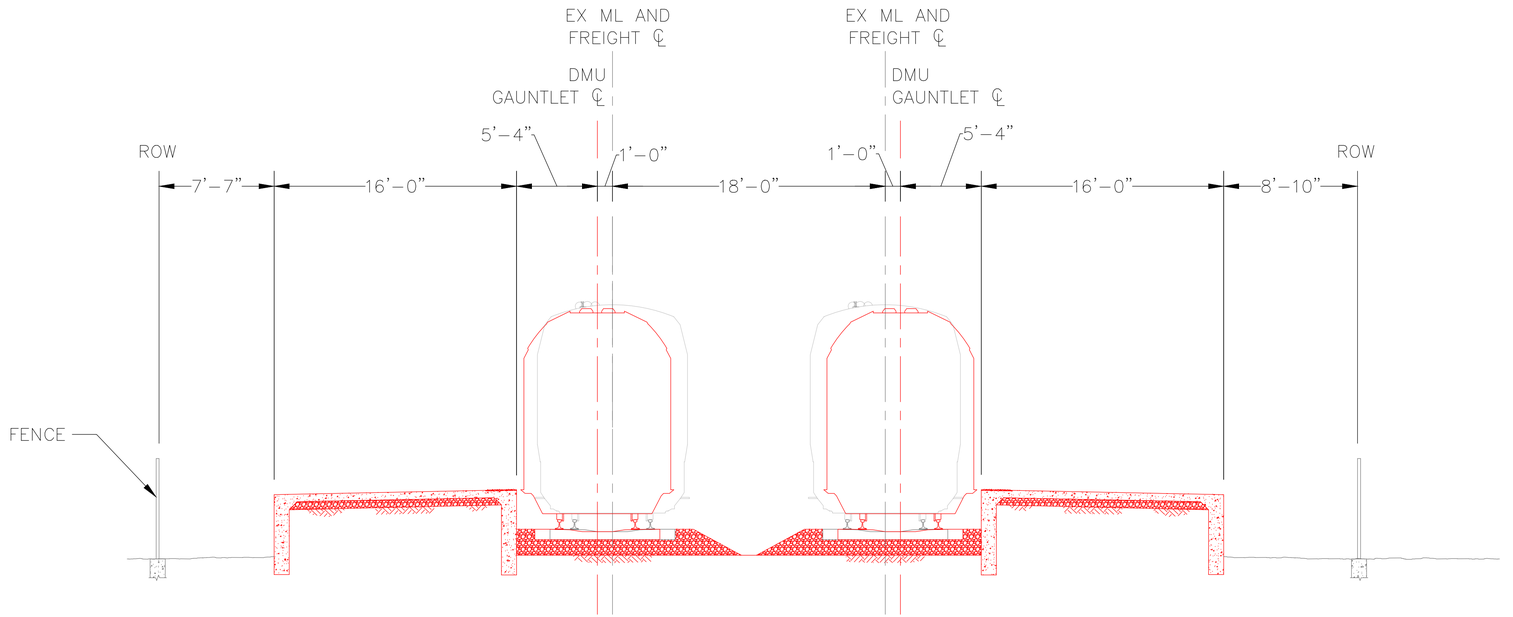
CONTRACT NO.
DRAWING NO. 4
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 – 2:51pm C:\pw\working\vmm\vol_transit\dav68196\dms98961\309710-CV-DMU-STATIONS.dwg





PROPOSED COVINA SITE PLAN – OPTION 2



PROPOSED COVINA DMU PLATFORM CROSS SECTION

60' 0 60' 120'
SCALE: 1" = 60'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017

SUBMITTED: _____ APPROVED: _____

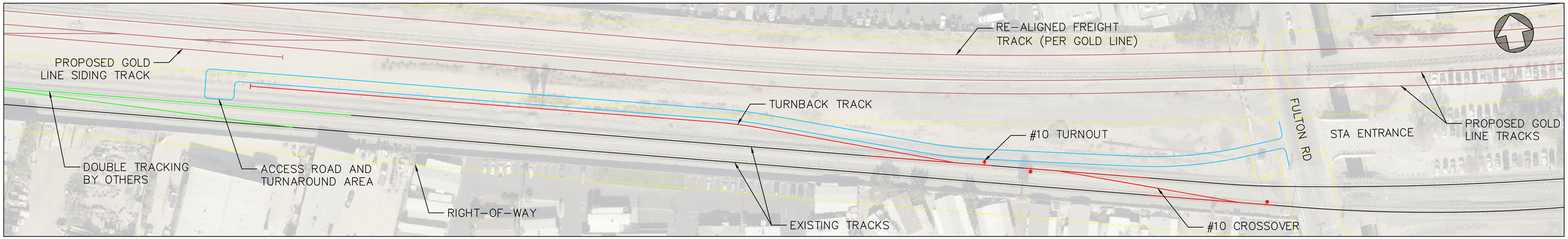
HYBRID-RAIL SERVICE PLANNING STUDY

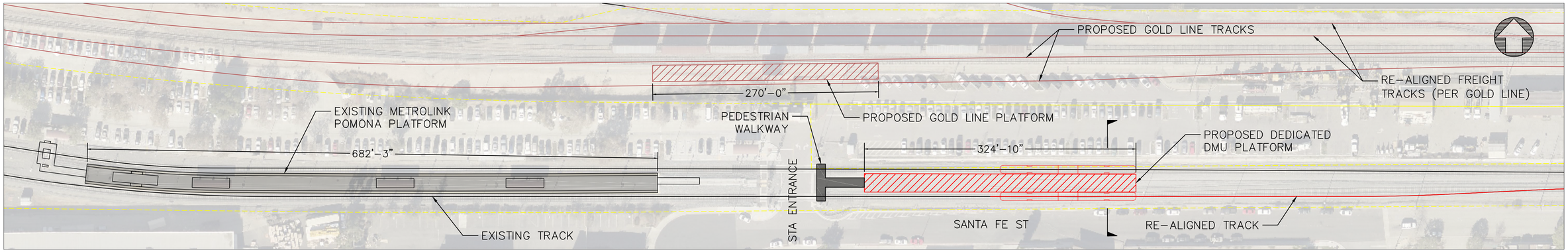
PROPOSED COVINA SITE PLAN AND CROSS SECTION

CONTRACT NO.
DRAWING NO. 5
REVISION | SHEET NO.
SCALE AS SHOWN

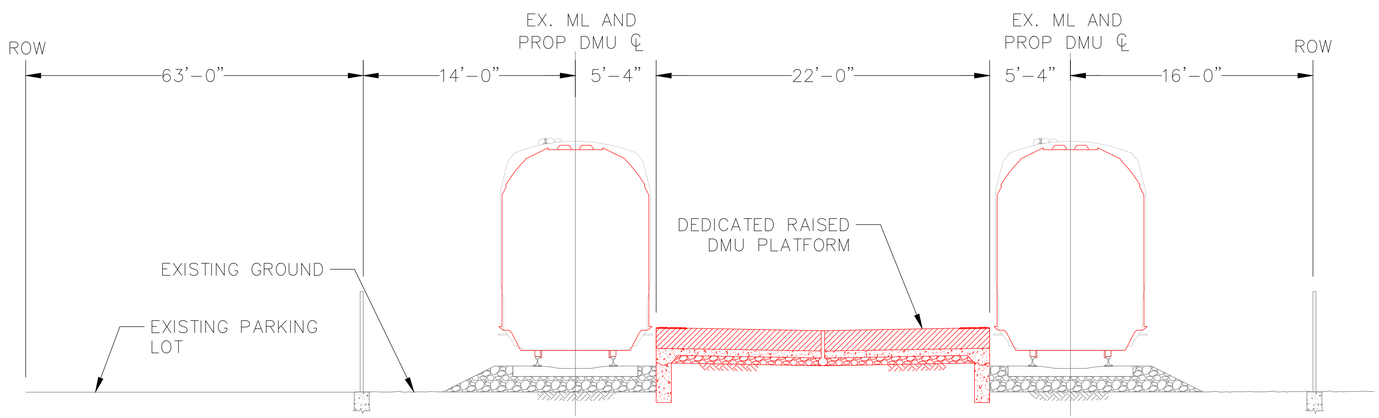
DAV68196 Nov 15, 2017 - 3:34pm C:\pwworking\hmm\rail_transit\dav68196\dms98961\309710-CV-DMU-STATIONS.dwg







PROPOSED POMONA SITE PLAN – OPTION 2



PROPOSED POMONA CROSS SECTION

60' 0 60' 120'
SCALE: 1" = 60'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017

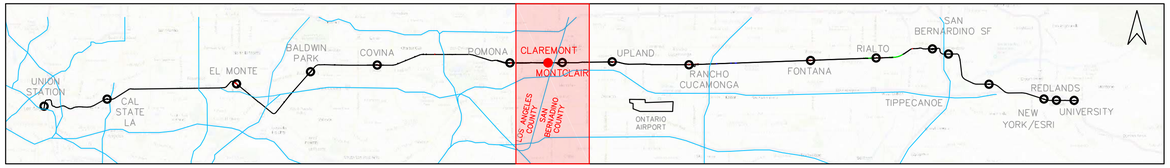
SUBMITTED: _____ APPROVED: _____

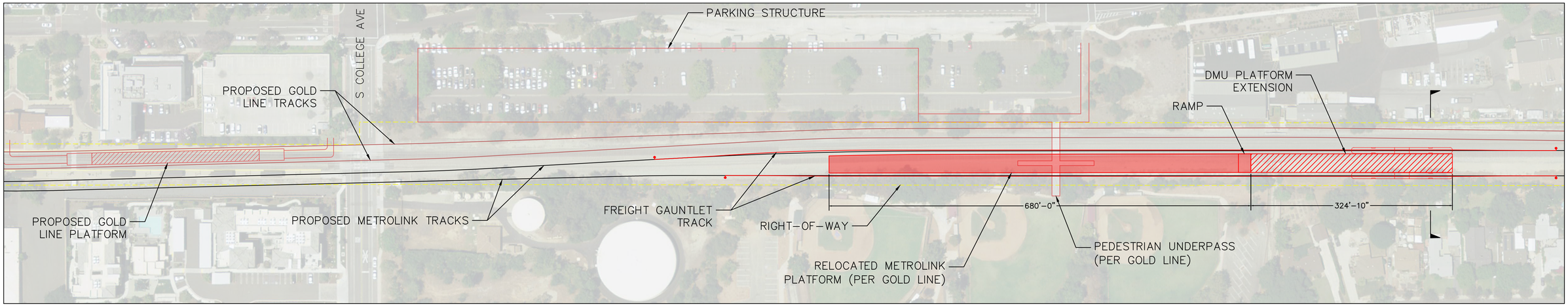
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED POMONA SITE PLAN AND CROSS SECTION

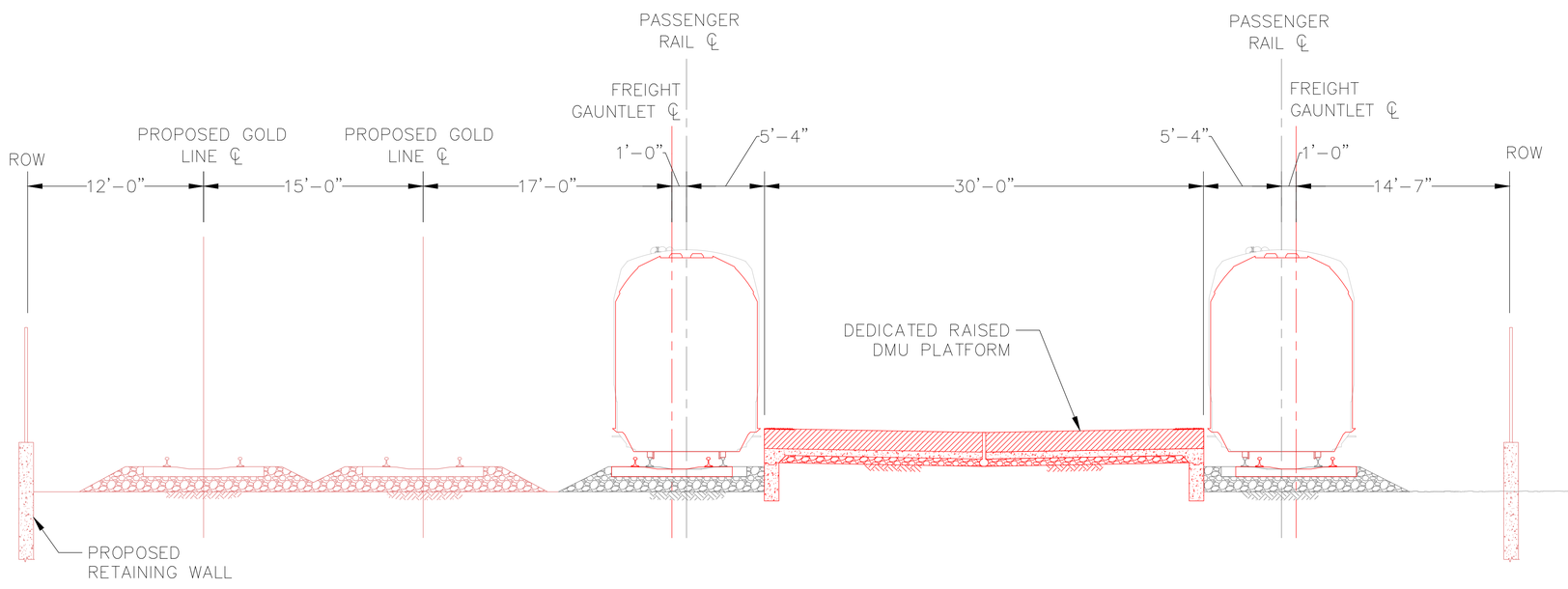
CONTRACT NO.
DRAWING NO. 6
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 – 3:35pm C:\pw\working\nmm\vol1_transit\dav68196\dms98961\309710-CV-DMU-STATIONS.dwg





PROPOSED CLAREMONT SITE PLAN – OPTION 3



PROPOSED CLAREMONT DMU PLATFORM CROSS SECTION

80' 0 80' 160'
SCALE: 1" = 80'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

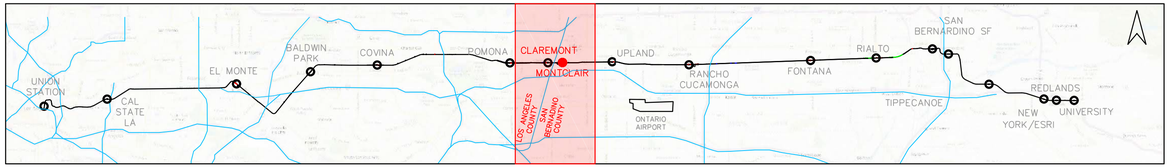
DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017
SUBMITTED:
APPROVED:

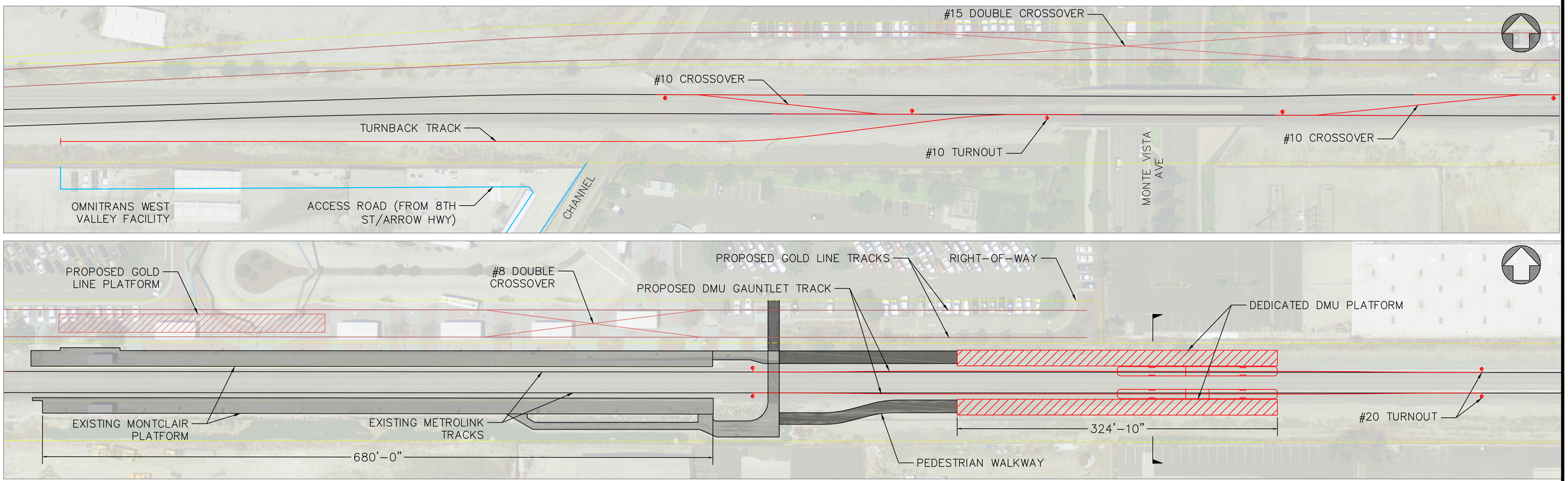
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED CLAREMONT SITE PLAN AND CROSS SECTION

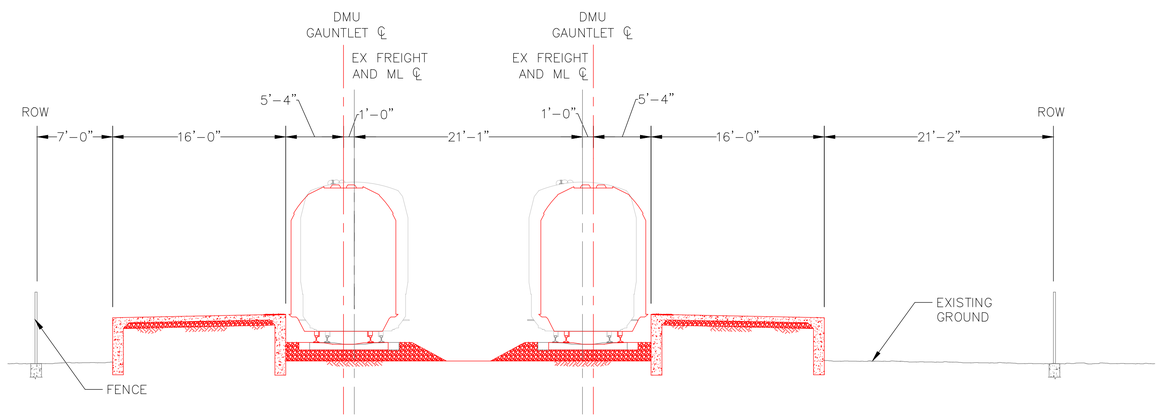
CONTRACT NO.
DRAWING NO. 7
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 - 3:40pm C:\pwworking\hmm\rail_transit\dav68196\dms98981\309710-CV-DMU-STATIONS.dwg





PROPOSED MONTCLAIR SITE PLAN – OPTION 2



PROPOSED MONTCLAIR DMU PLATFORM CROSS SECTION

50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017

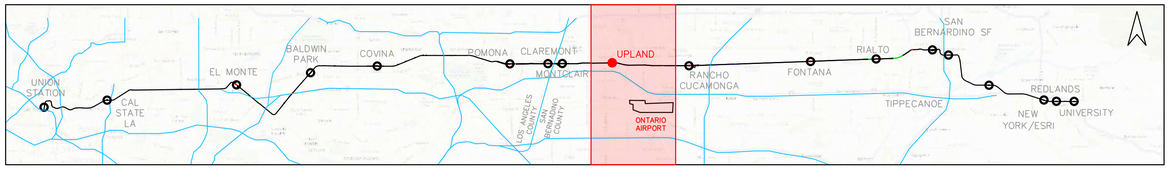
SUBMITTED: _____ APPROVED: _____

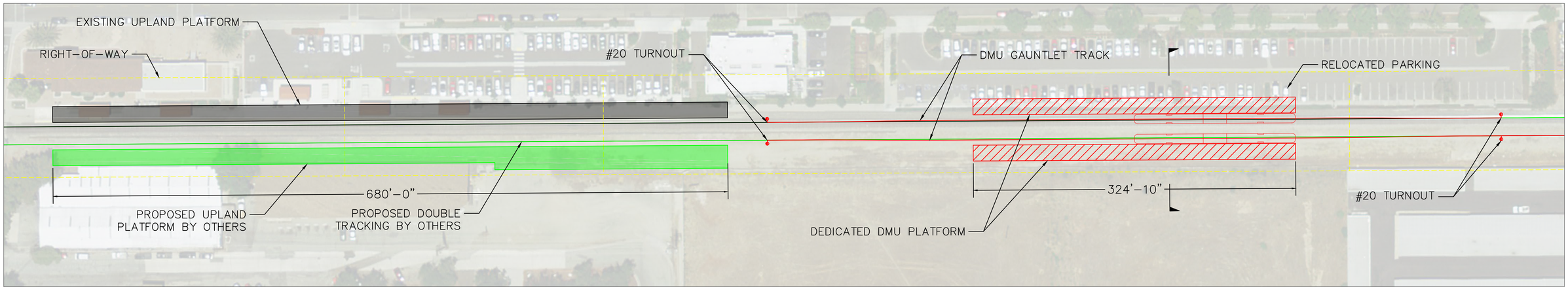
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED MONTCLAIR SITE PLAN AND CROSS SECTION

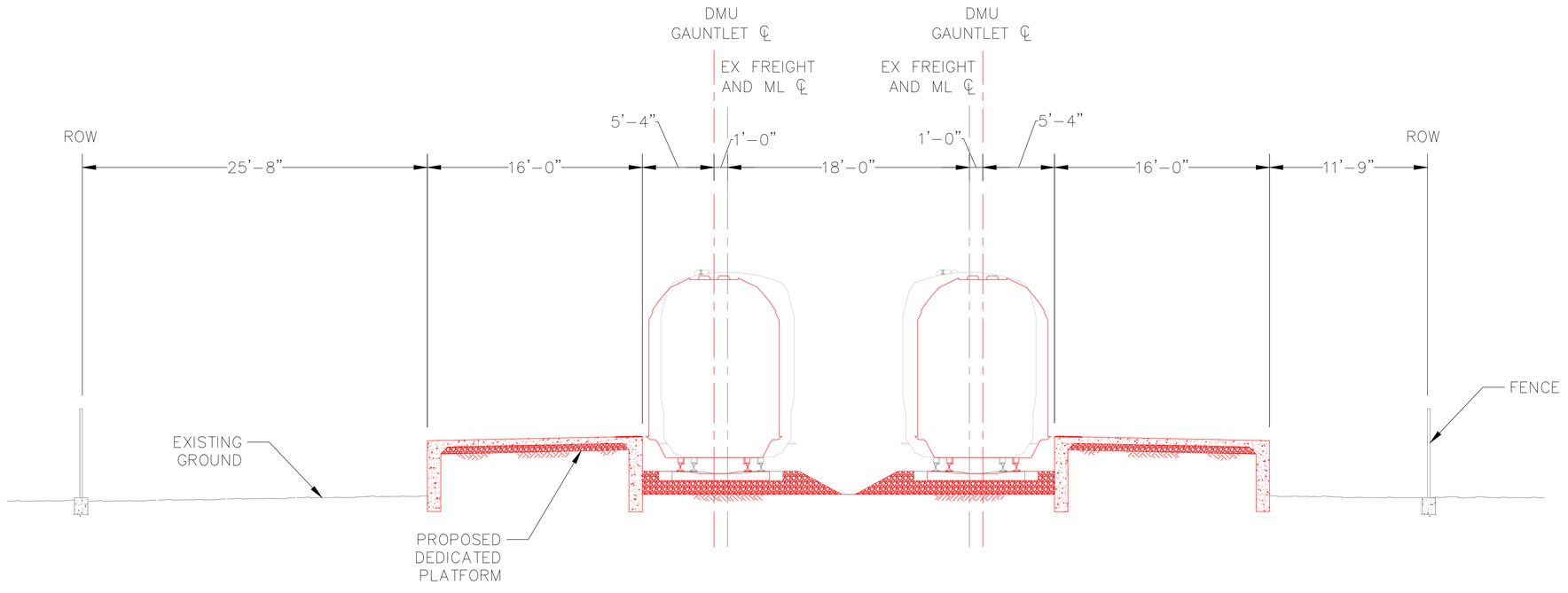
CONTRACT NO.
DRAWING NO. 8
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 – 3:42pm C:\pwworking\hmm\voll_transit\dav68196\dms98961\309710-CV-DMU-STATIONS.dwg





PROPOSED UPLAND SITE PLAN – OPTION 2



50' 0 50' 100'
SCALE: 1" = 50'

PROPOSED UPLAND DMU PLATFORM CROSS SECTION

REV.	DATE	DESCRIPTION	BT / SUB	APP.

DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017

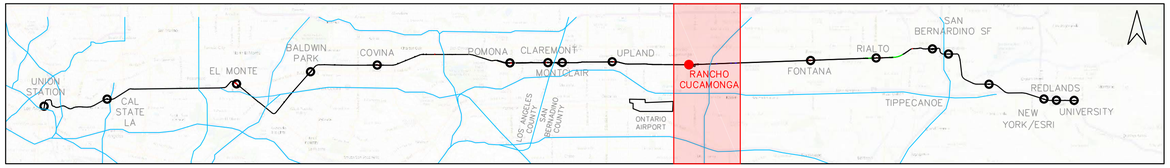
SUBMITTED: _____ APPROVED: _____

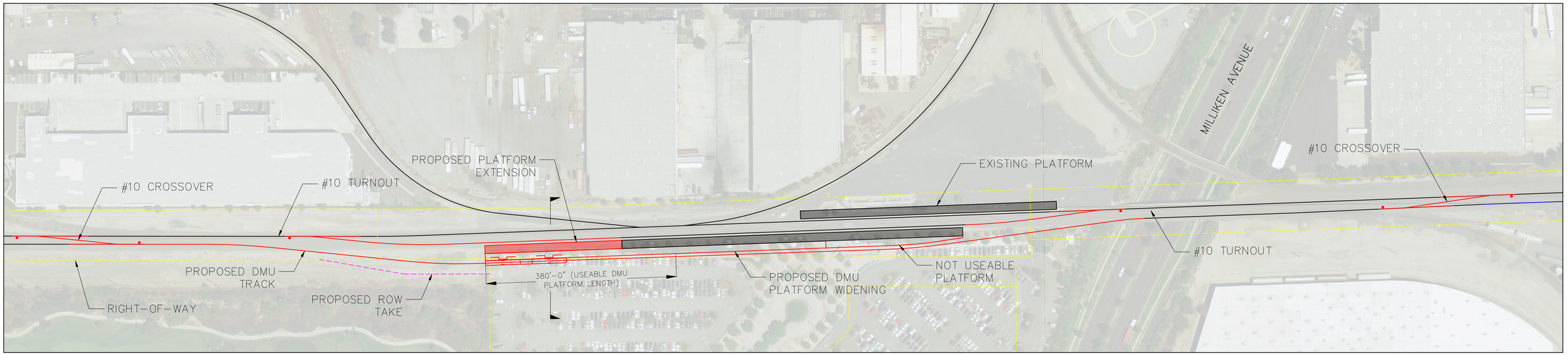
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED UPLAND SITE PLAN AND CROSS SECTION

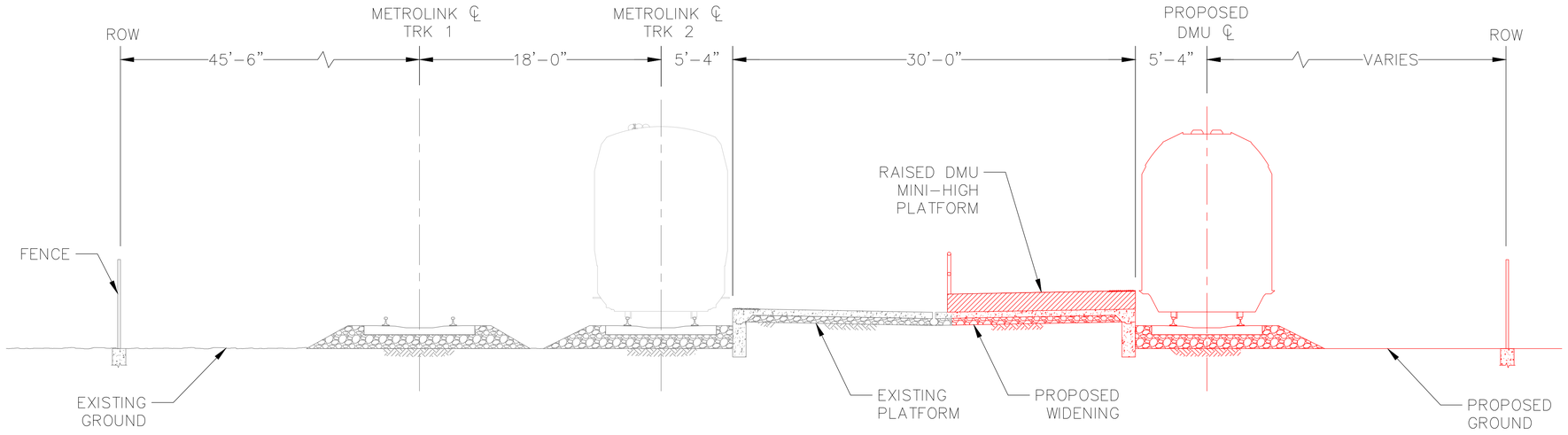
CONTRACT NO.
DRAWING NO. 9
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 – 3:47pm C:\pw\working\rmm\rail_transit\dav68196\dms98961\D09710-CV-DMU-STATIONS.dwg





PROPOSED RANCHO CUCAMONGA SITE PLAN – OPTION 4



100' 0 100' 200'
SCALE: 1" = 100'

PROPOSED RANCHO CUCAMONGA CROSS SECTION

REV.	DATE	DESCRIPTION	BT / SUB	APP.

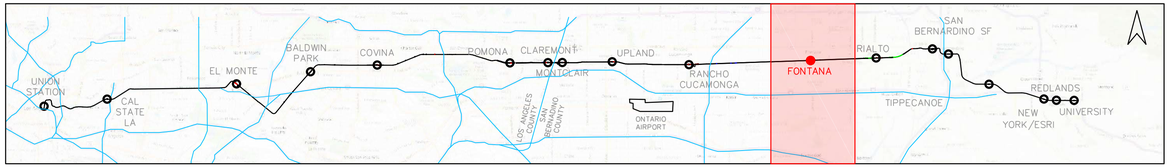
DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017
SUBMITTED:
APPROVED:

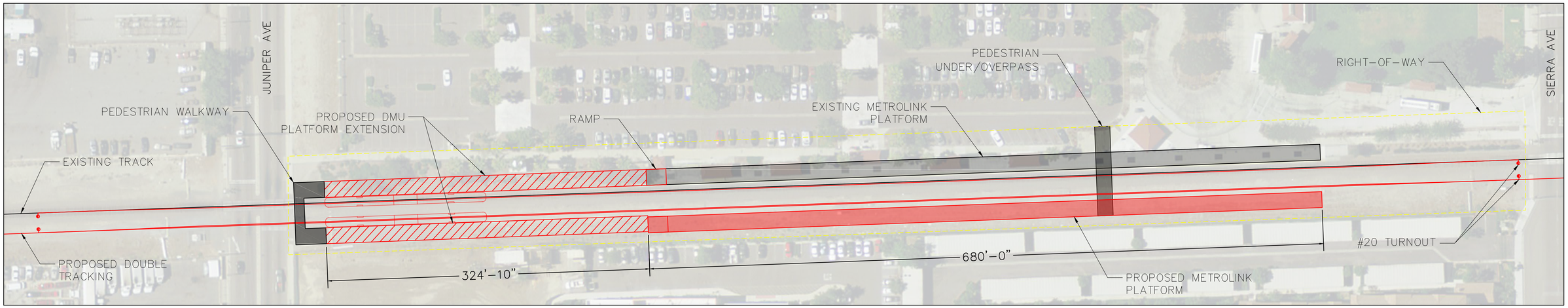
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED RANCHO CUCAMONGA SITE PLAN AND CROSS SECTION

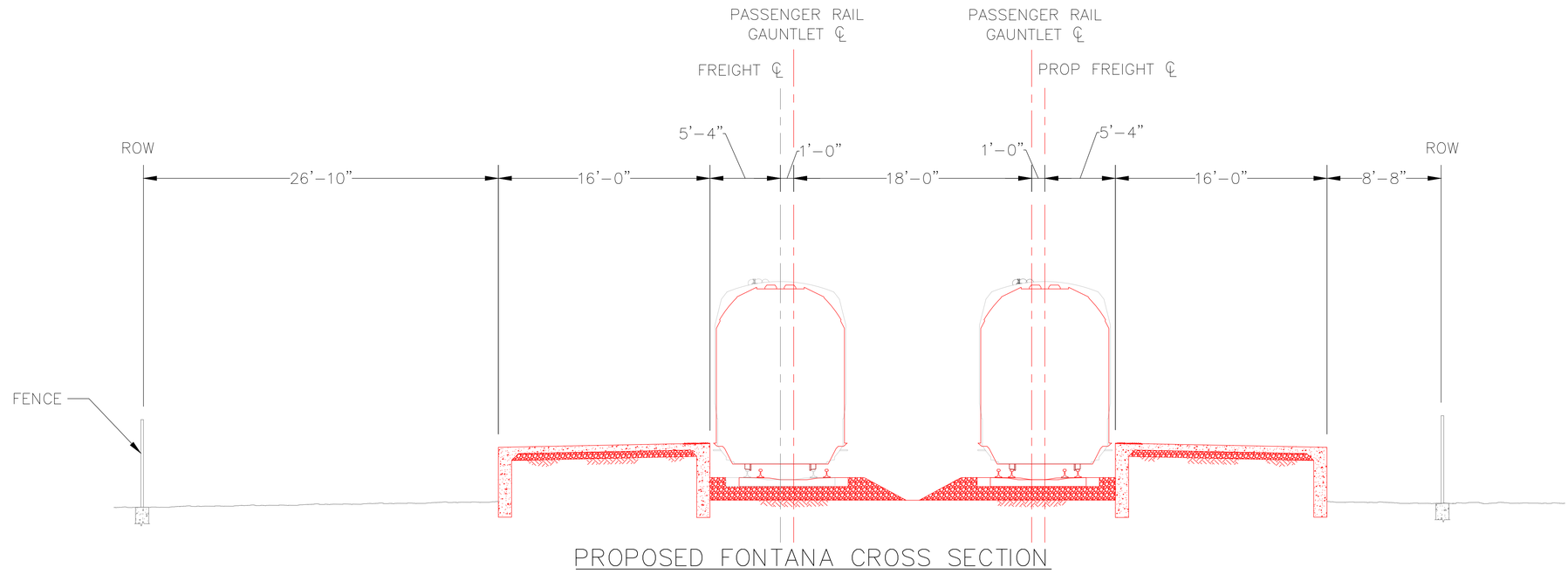
CONTRACT NO.
DRAWING NO. 10
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 - 3:58pm C:\pwworking\hmm\rail_transit\dav68196\dms98981\309710-CV-DMU-STATIONS.dwg





PROPOSED FONTANA SITE PLAN – OPTION 2



50' 0 50' 100'
SCALE: 1" = 50'

PROPOSED FONTANA CROSS SECTION

REV.	DATE	DESCRIPTION	BT	SUB	APP.

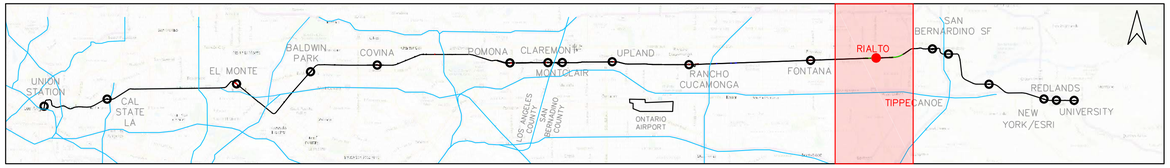
DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017
SUBMITTED:
APPROVED:

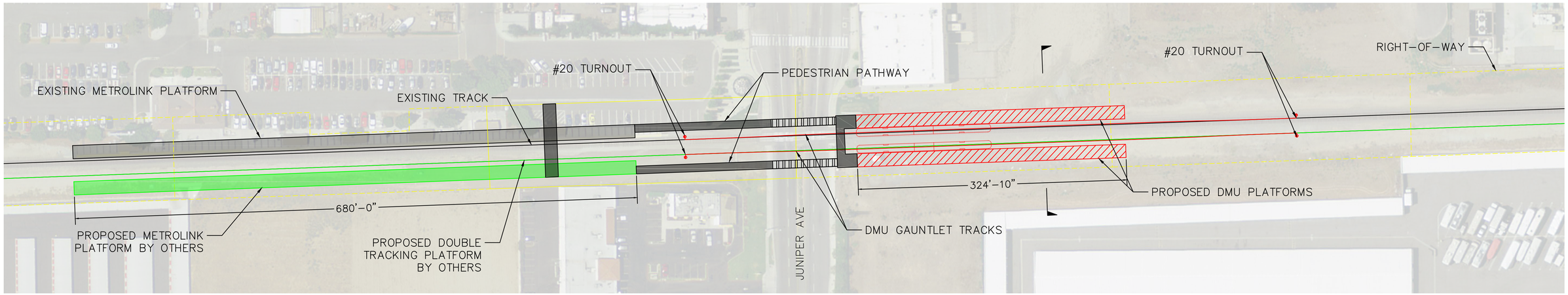
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED FONTANA SITE PLAN AND CROSS SECTION

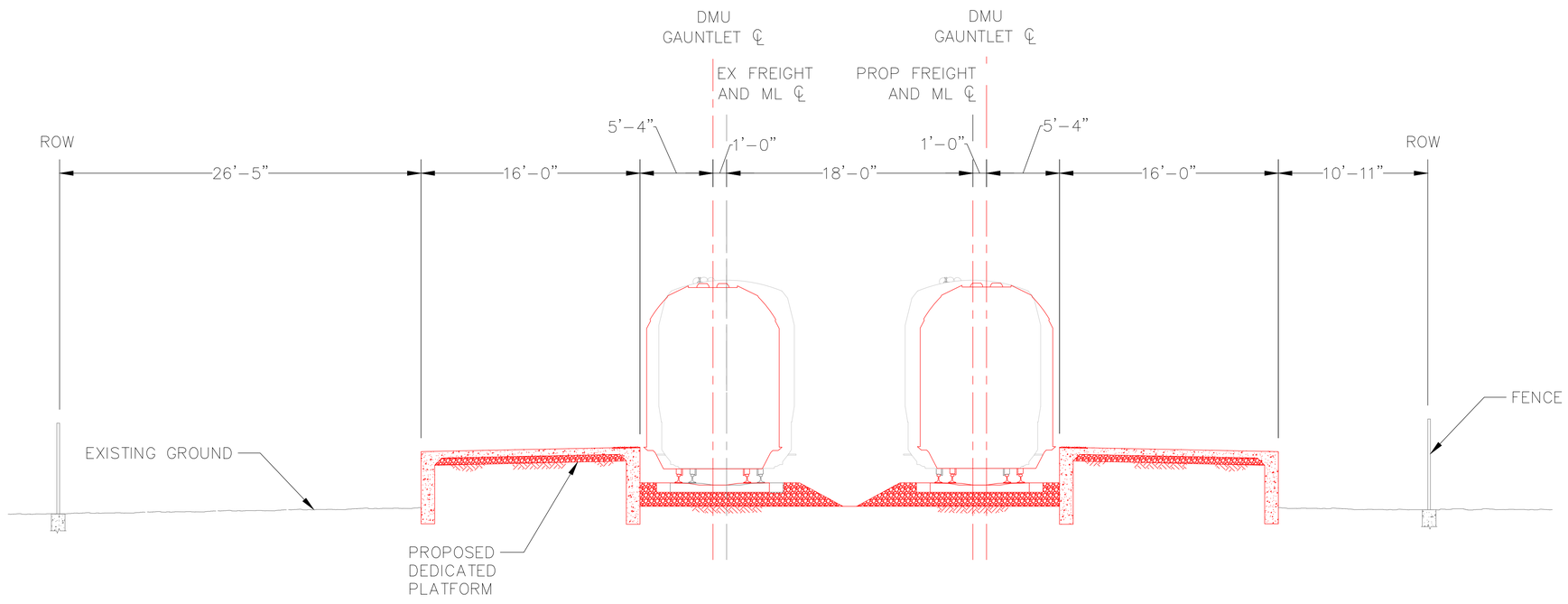
CONTRACT NO.
DRAWING NO. 11
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 - 4:23pm C:\pwworking\hmm\rail_transit\dav68196\dms98981\309710-CV-DMU-STATIONS.dwg





PROPOSED RIALTO SITE PLAN – OPTION 2



60' 0 60' 120'
SCALE: 1" = 60'

PROPOSED RIALTO DMU PLATFORM CROSS SECTION

REV.	DATE	DESCRIPTION	BT	SUB	APP.

DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017

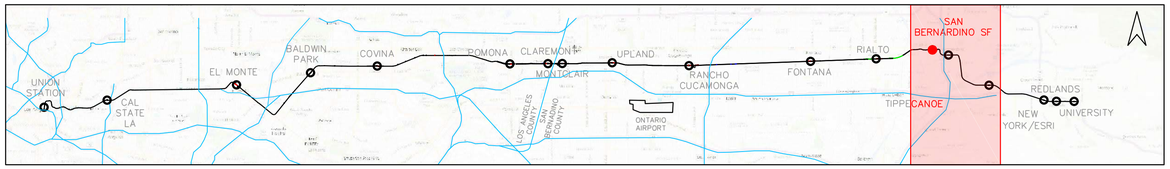
SUBMITTED: _____ APPROVED: _____

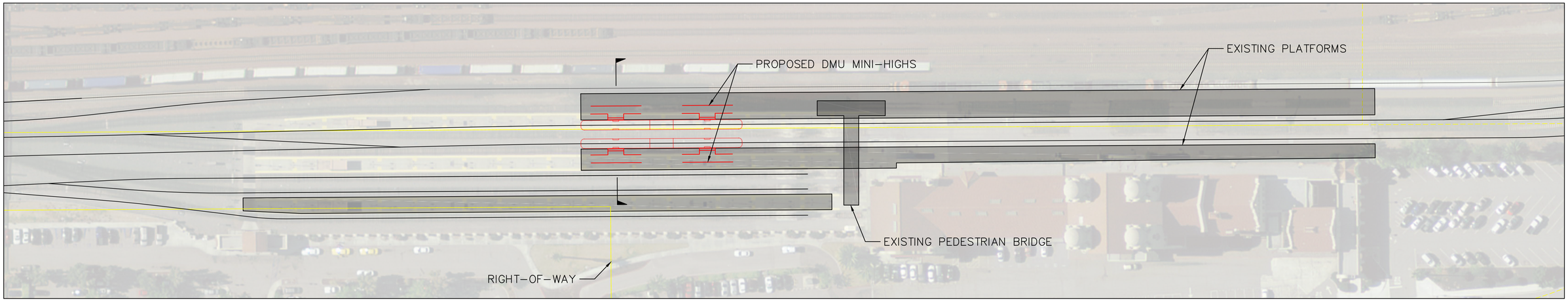
HYBRID-RAIL SERVICE PLANNING STUDY

PROPOSED RIALTO SITE PLAN AND CROSS SECTION

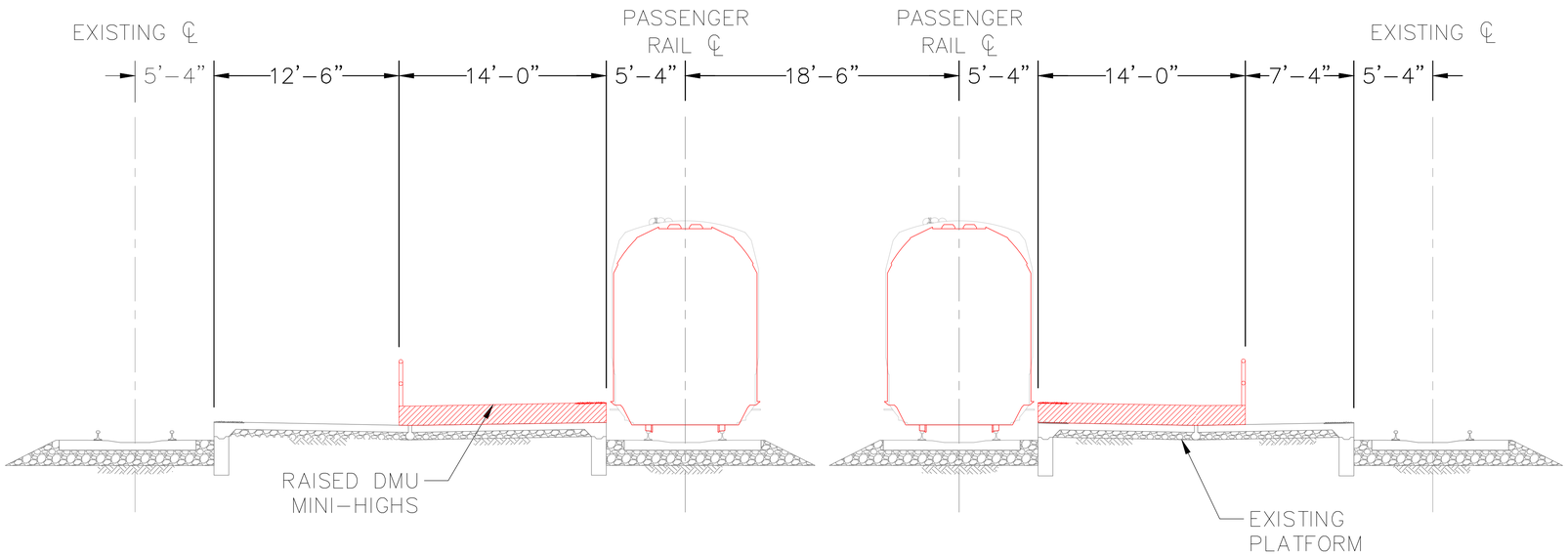
CONTRACT NO.
DRAWING NO. 12
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 – 4:26pm C:\pwworking\mm\rail_transit\dav68196\dms98961\309710-CIV-DMU-STATIONS.dwg





PROPOSED SAN BERNARDINO SITE PLAN – OPTION 6.1



PROPOSED SAN BERNARDINO DMU PLATFORM CROSS SECTION

50' 0 50' 100'
SCALE: 1" = 50'

REV.	DATE	DESCRIPTION	BT	SUB	APP.

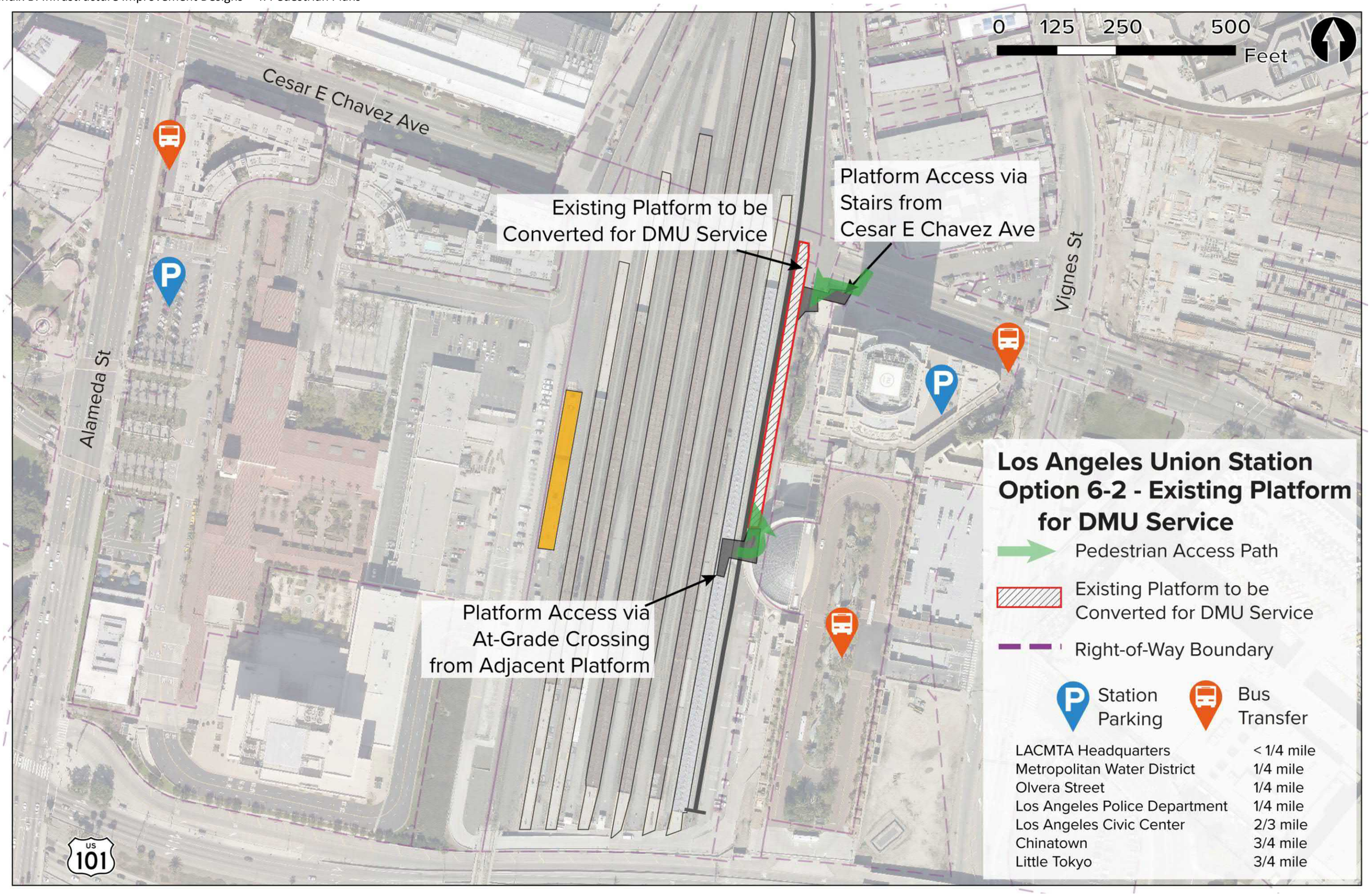
DESIGNED BY:
DRAWN BY:
CHECKED BY:
SUBMITTED BY:
DATE: 10/06/2017
SUBMITTED:
APPROVED:

HYBRID-RAIL SERVICE PLANNING STUDY

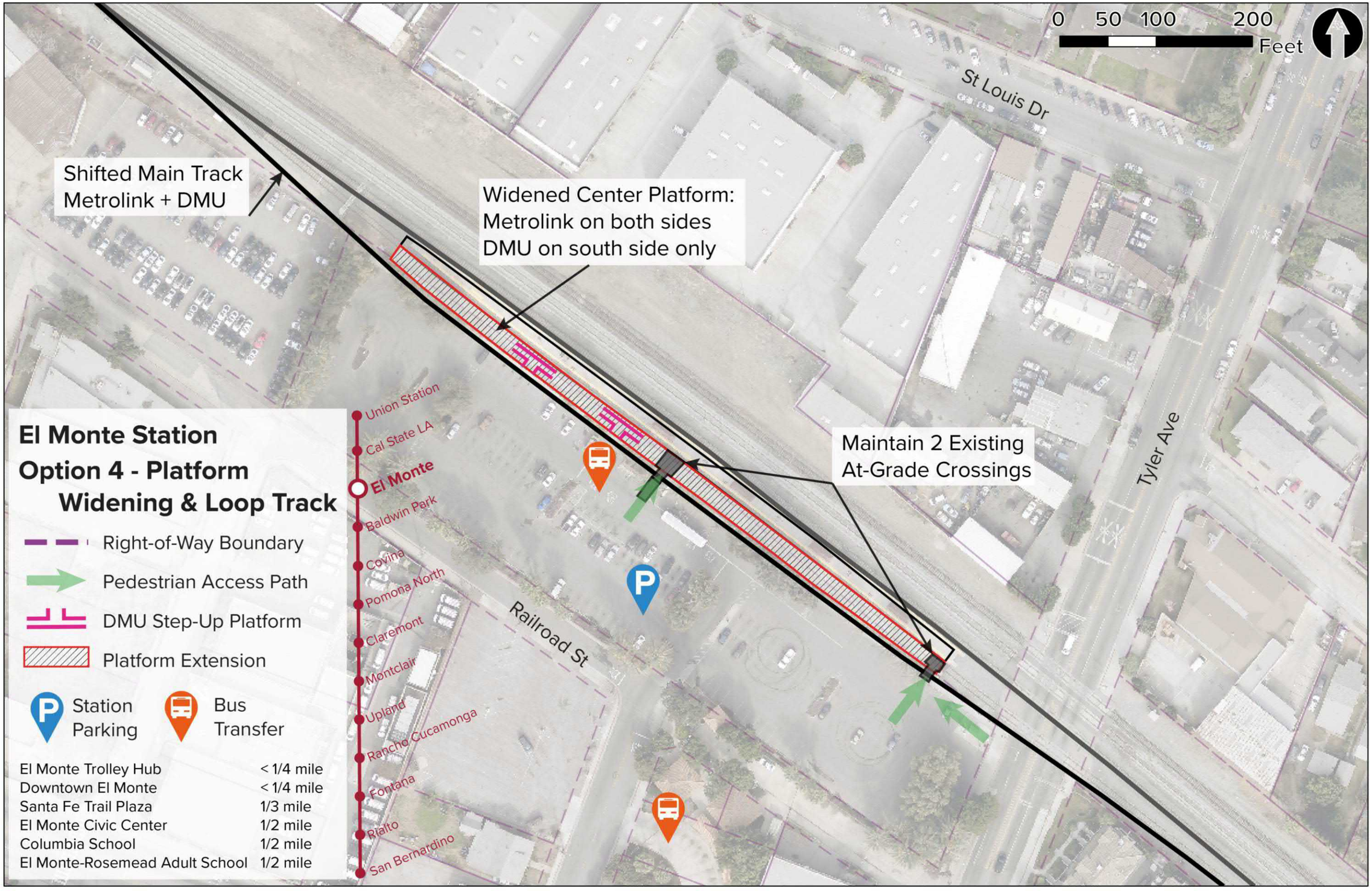
PROPOSED SAN BERNARDINO SITE PLAN AND CROSS SECTION

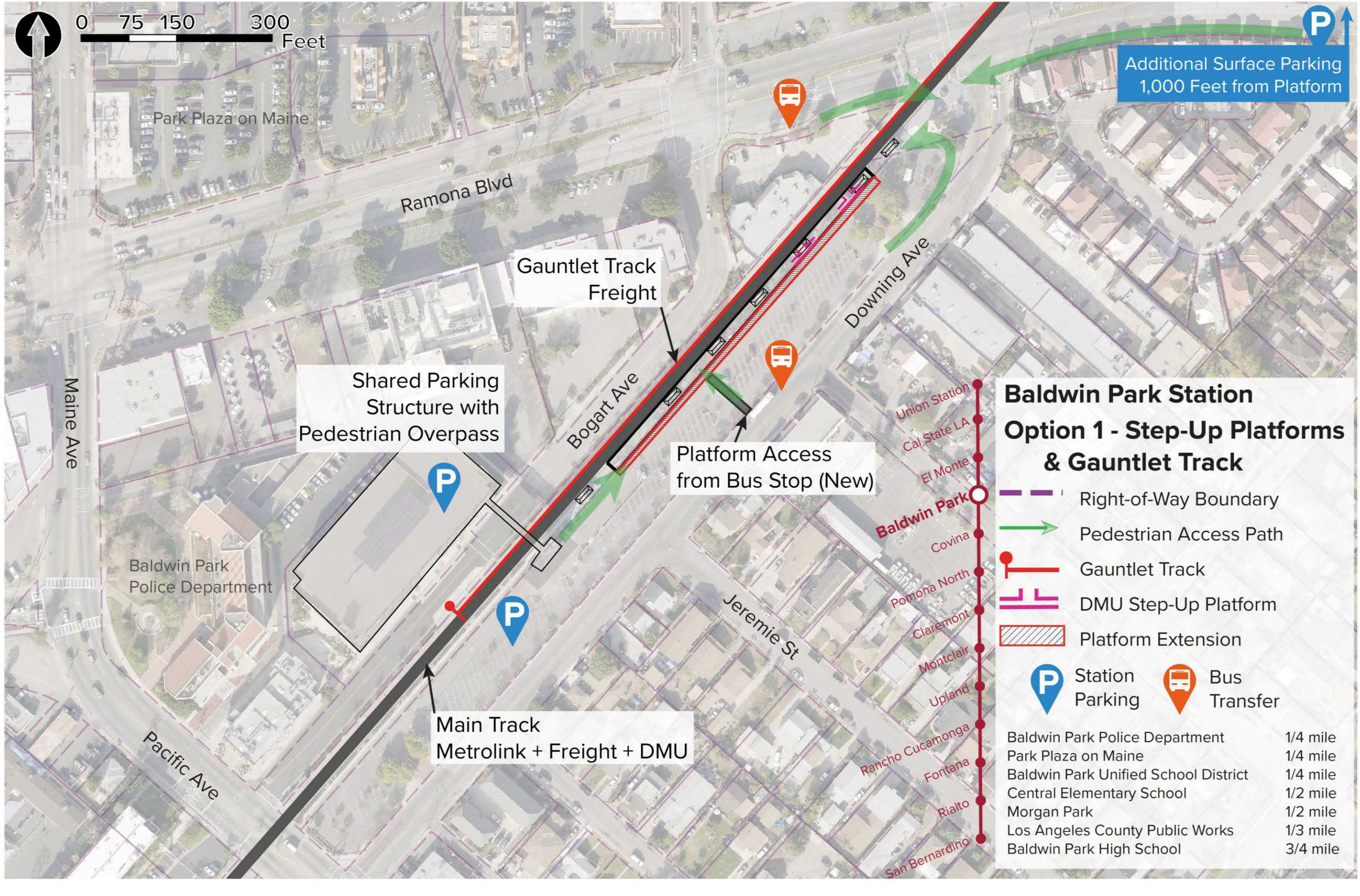
CONTRACT NO.
DRAWING NO. 13
REVISION | SHEET NO.
SCALE AS SHOWN

DAV68196 Nov 15, 2017 – 5:27pm C:\pw\working\hmm\rail_transit\dav68196\dms98961\309710-CV-DMU-STATIONS.dwg

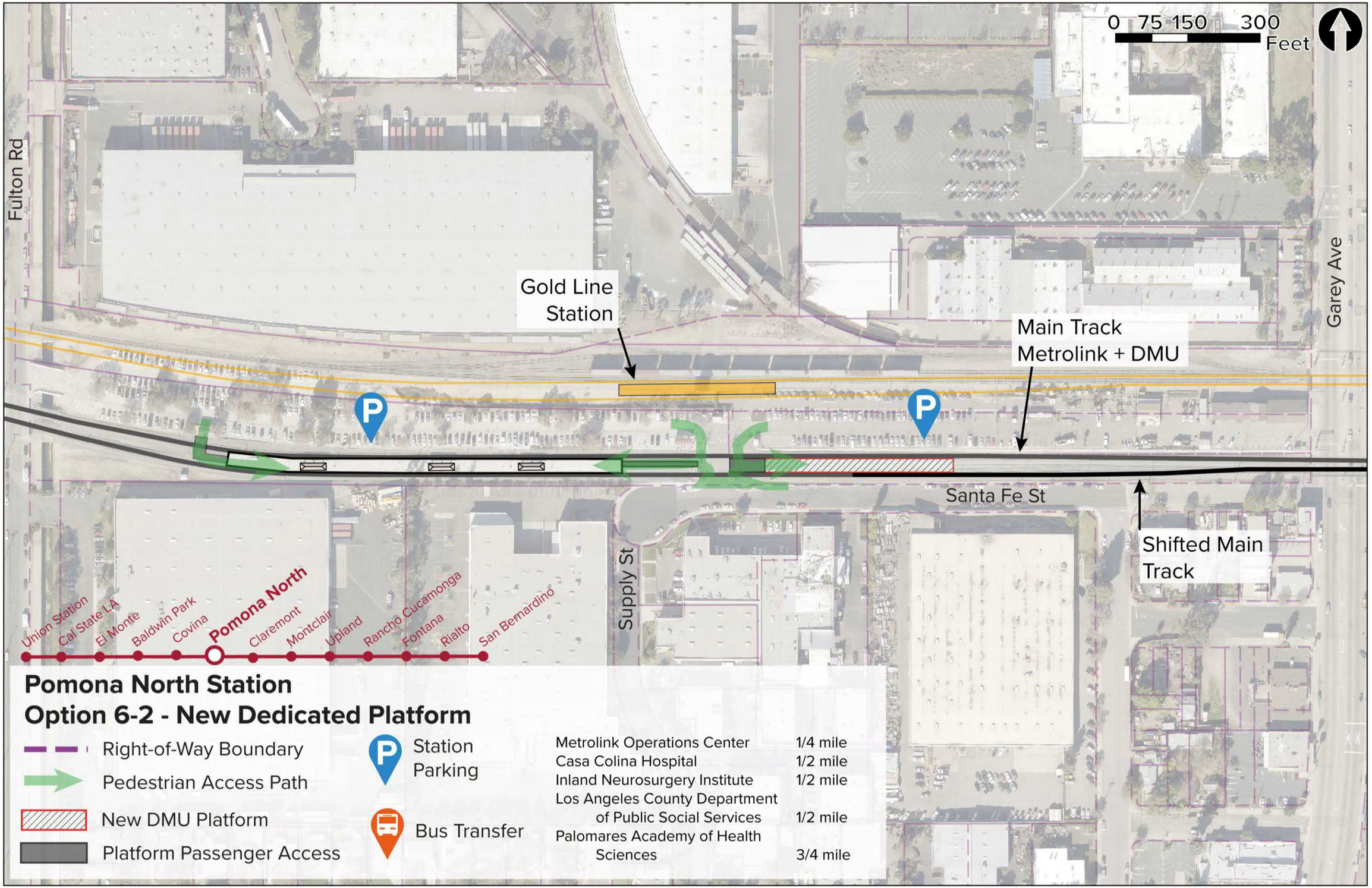

0 125 250 500
Feet
Cesar E Chavez Ave
Alameda St
Vignes St
Existing Platform to be Converted for DMU Service
Platform Access via Stairs from Cesar E Chavez Ave
Platform Access via At-Grade Crossing from Adjacent Platform
US 101
Los Angeles Union Station
Option 6-2 - Existing Platform for DMU Service
Pedestrian Access Path
Existing Platform to be Converted for DMU Service
Right-of-Way Boundary
Station Parking
Bus Transfer
LACMTA Headquarters < 1/4 mile
Metropolitan Water District 1/4 mile
Olvera Street 1/4 mile
Los Angeles Police Department 1/4 mile
Los Angeles Civic Center 2/3 mile
Chinatown 3/4 mile
Little Tokyo 3/4 mile

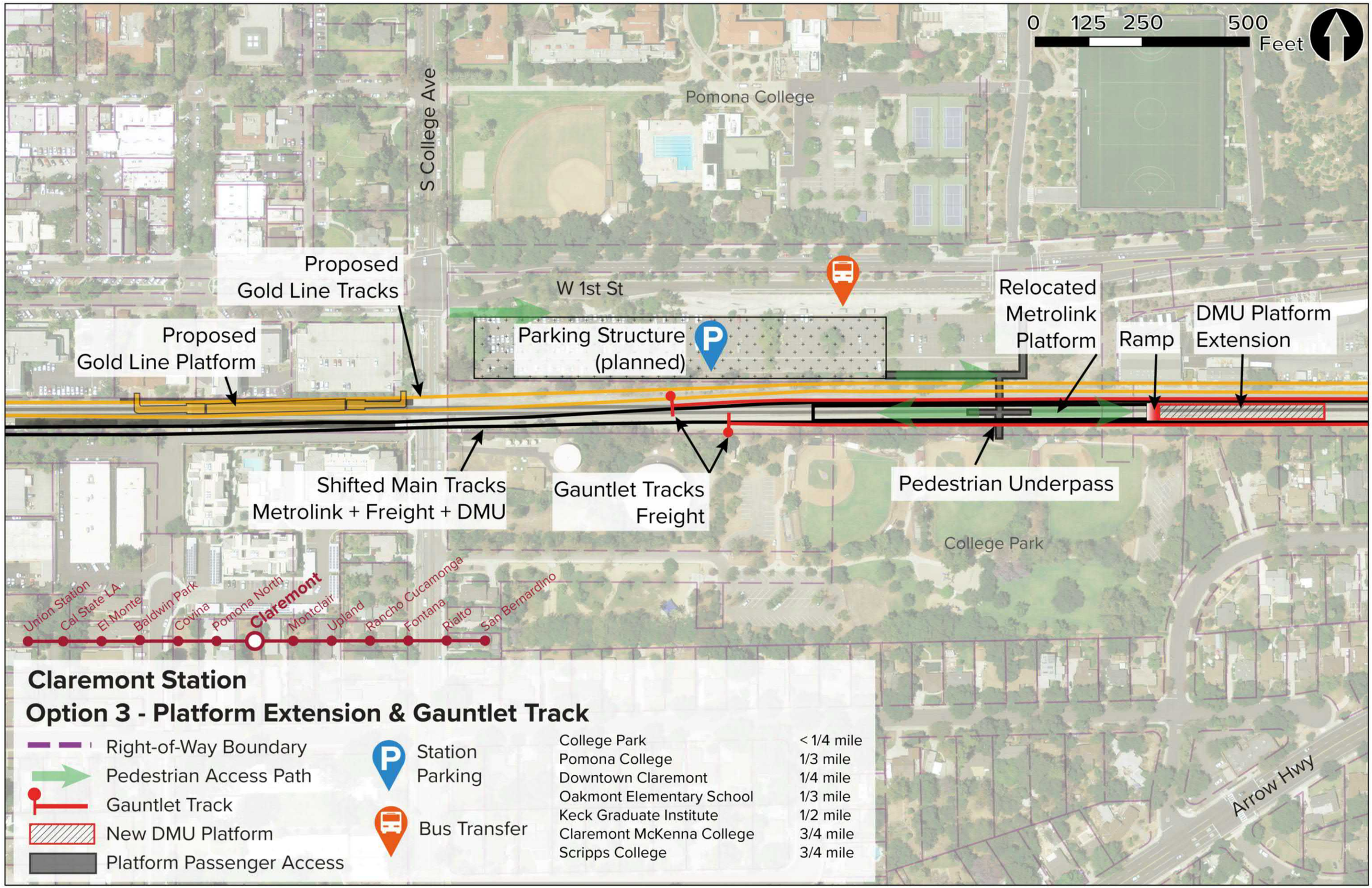

0 50 100 200 Feet
California State University
Los Angeles
Circle Dr
Stairs and Elevator
Down to Existing Platform
El Monte Busway
Widened Platform
Pedestrian Overpass to
Silver Line Station
El Monte Busway
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Cal State LA Station
Option 6-1 - Step-Up Platforms
Right-of-Way Boundary
Pedestrian Access Path
DMU Step-Up Platform
Platform Extension
Bus
Transfer
Cal State LA Campus 1/4 mile
Los Angeles Sheriff's Department 3/4 mile
Monterey Park Golf Club 1 mile
City Terrace Elementary School 3/4 mile
10

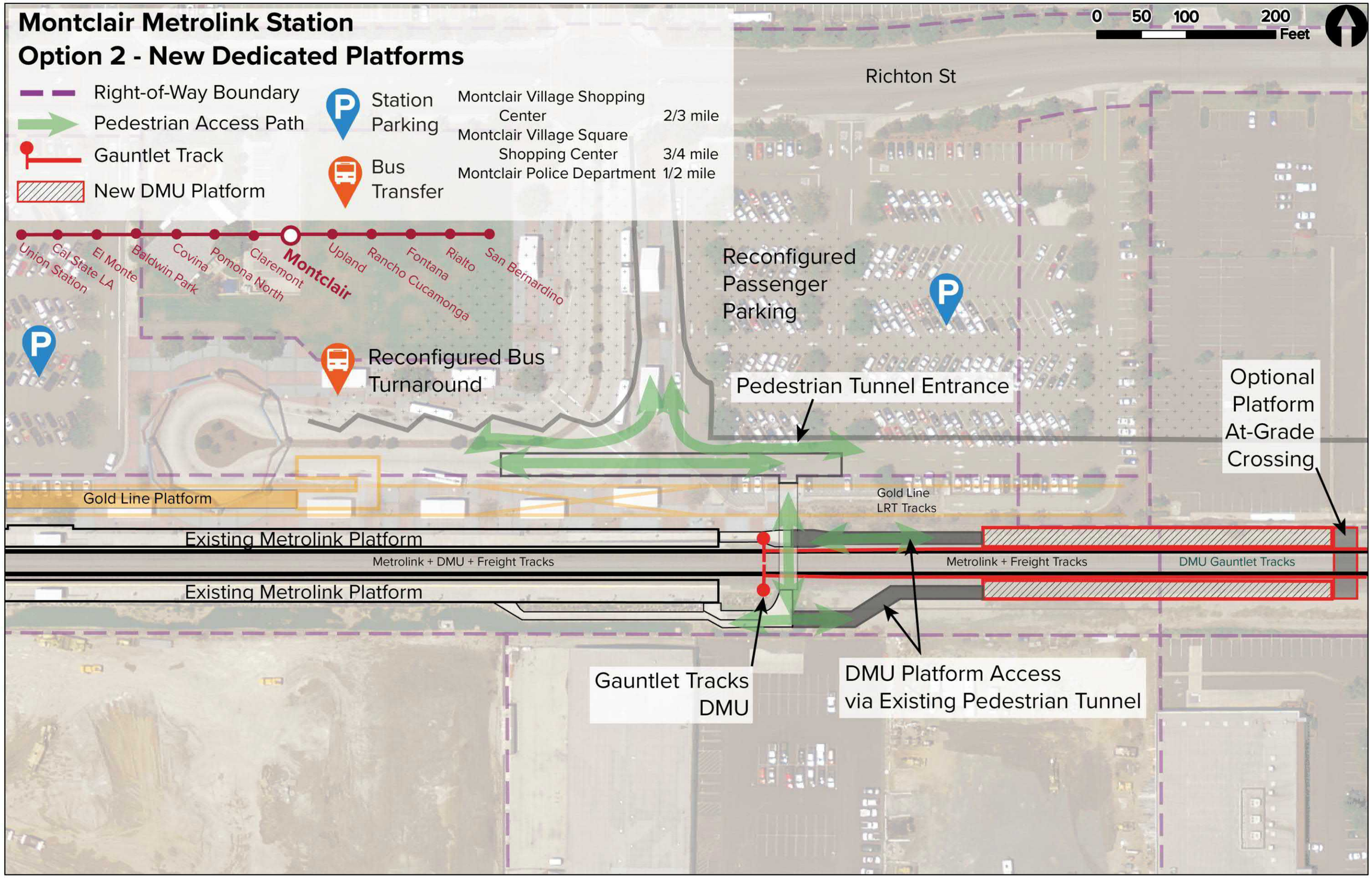

0 50 100 200
Feet
St Louis Dr
Shifted Main Track
Metrolink + DMU
Widened Center Platform:
Metrolink on both sides
DMU on south side only
Maintain 2 Existing
At-Grade Crossings
Tyler Ave
Railroad St
El Monte Station
Option 4 - Platform
Widening & Loop Track
Right-of-Way Boundary
Pedestrian Access Path
DMU Step-Up Platform
Platform Extension
Station
Parking
Bus
Transfer
El Monte Trolley Hub < 1/4 mile
Downtown El Monte < 1/4 mile
Santa Fe Trail Plaza 1/3 mile
El Monte Civic Center 1/2 mile
Columbia School 1/2 mile
El Monte-Rosemead Adult School 1/2 mile
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino

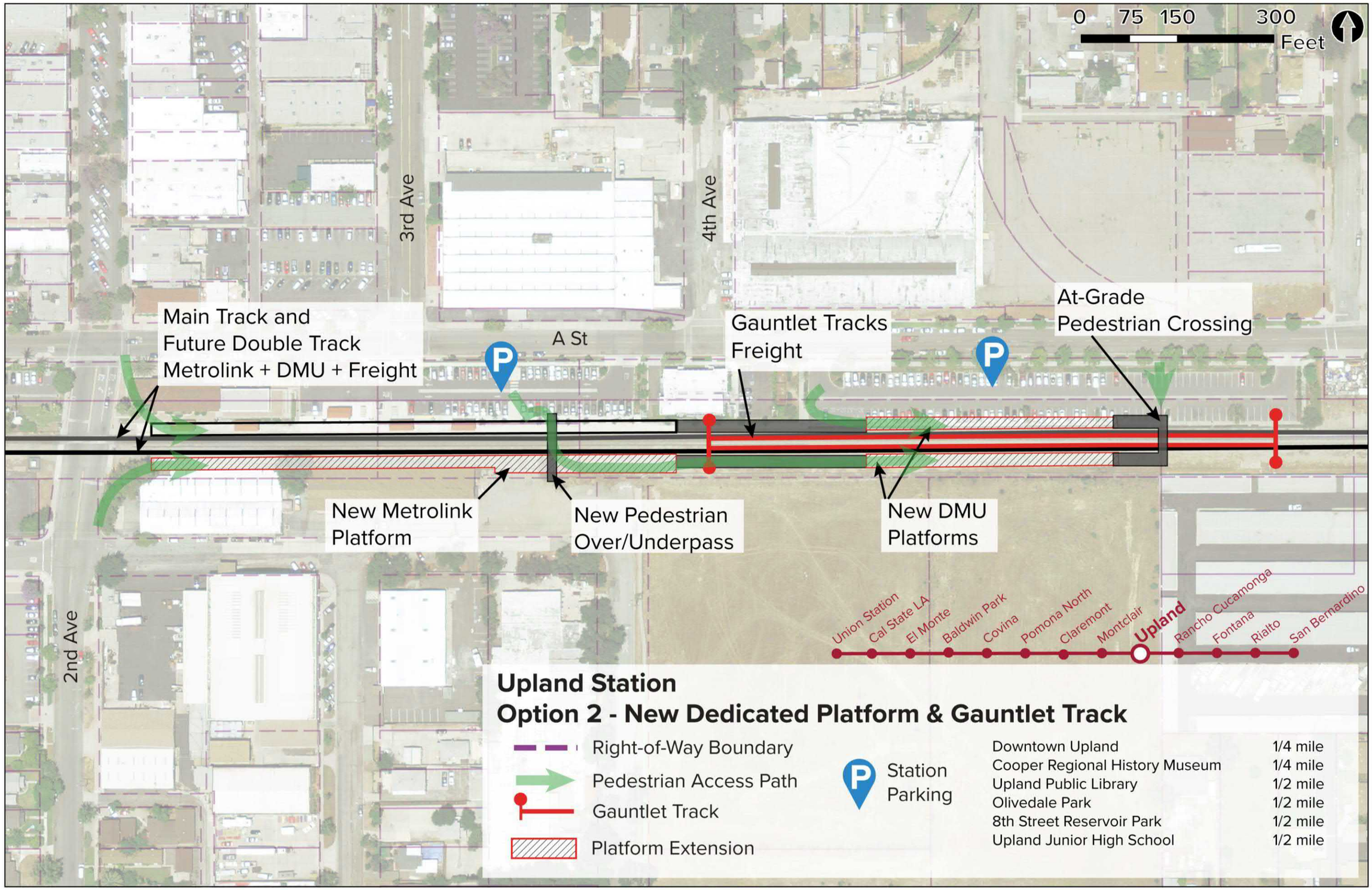

0 75 150 300
Feet
Park Plaza on Maine
Ramona Blvd
Additional Surface Parking
1,000 Feet from Platform
Gauntlet Track
Freight
Shared Parking
Structure with
Pedestrian Overpass
Platform Access
from Bus Stop (New)
Maine Ave
Bogart Ave
Downing Ave
Baldwin Park
Police Department
Jeremie St
Pacific Ave
Main Track
Metrolink + Freight + DMU
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Baldwin Park Station
Option 1 - Step-Up Platforms
& Gauntlet Track
Right-of-Way Boundary
Pedestrian Access Path
Gauntlet Track
DMU Step-Up Platform
Platform Extension
Station Parking
Bus Transfer
Baldwin Park Police Department 1/4 mile
Park Plaza on Maine 1/4 mile
Baldwin Park Unified School District 1/4 mile
Central Elementary School 1/2 mile
Morgan Park 1/2 mile
Los Angeles County Public Works 1/3 mile
Baldwin Park High School 3/4 mile


0 75 150 300
Feet
Citrus Ave
Edna Pl
Main Tracks
Metrolink + Freight + DMU
New At-Grade
Crossing
Gauntlet Tracks
DMU
Front St
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Covina Station
Option 3 - Platform Extension & Gauntlet Track
Right-of-Way Boundary
Pedestrian Access Path
Gauntlet Track
New DMU Platform
Platform Passenger Access
Station
Parking
Bus
Transfer
Civic Center Park 1/3 mile
Downtown Covina 1/2 mile
Citrus Valley Intercommunity
Hospital 2/3 mile

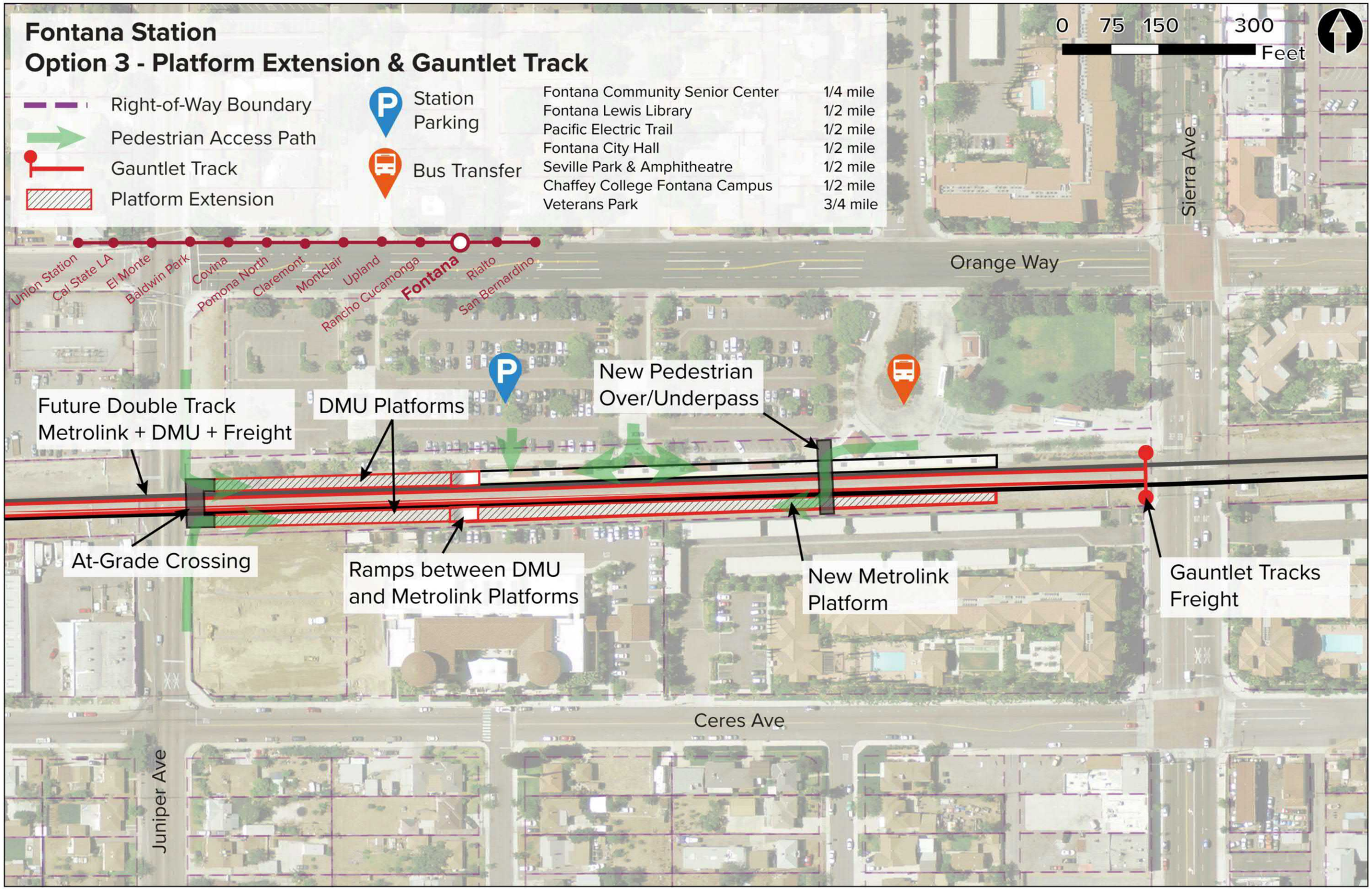

0 75 150 300
Feet
Fulton Rd
Garey Ave
Gold Line Station
Main Track Metrolink + DMU
Santa Fe St
Shifted Main Track
Supply St
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Pomona North Station
Option 6-2 - New Dedicated Platform
Right-of-Way Boundary
Pedestrian Access Path
New DMU Platform
Platform Passenger Access
Station Parking
Bus Transfer
Metrolink Operations Center 1/4 mile
Casa Colina Hospital 1/2 mile
Inland Neurosurgery Institute 1/2 mile
Los Angeles County Department of Public Social Services 1/2 mile
Palomares Academy of Health Sciences 3/4 mile


0 125 250 500
Feet
S College Ave
Pomona College
Proposed
Gold Line Tracks
Proposed
Gold Line Platform
W 1st St
Parking Structure
(planned)
Relocated
Metrolink
Platform
Ramp
DMU Platform
Extension
Shifted Main Tracks
Metrolink + Freight + DMU
Gauntlet Tracks
Freight
Pedestrian Underpass
College Park
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Arrow Hwy
Claremont Station
Option 3 - Platform Extension & Gauntlet Track
Right-of-Way Boundary
Pedestrian Access Path
Gauntlet Track
New DMU Platform
Platform Passenger Access
Station
Parking
Bus Transfer
College Park < 1/4 mile
Pomona College 1/3 mile
Downtown Claremont 1/4 mile
Oakmont Elementary School 1/3 mile
Keck Graduate Institute 1/2 mile
Claremont McKenna College 3/4 mile
Scripps College 3/4 mile

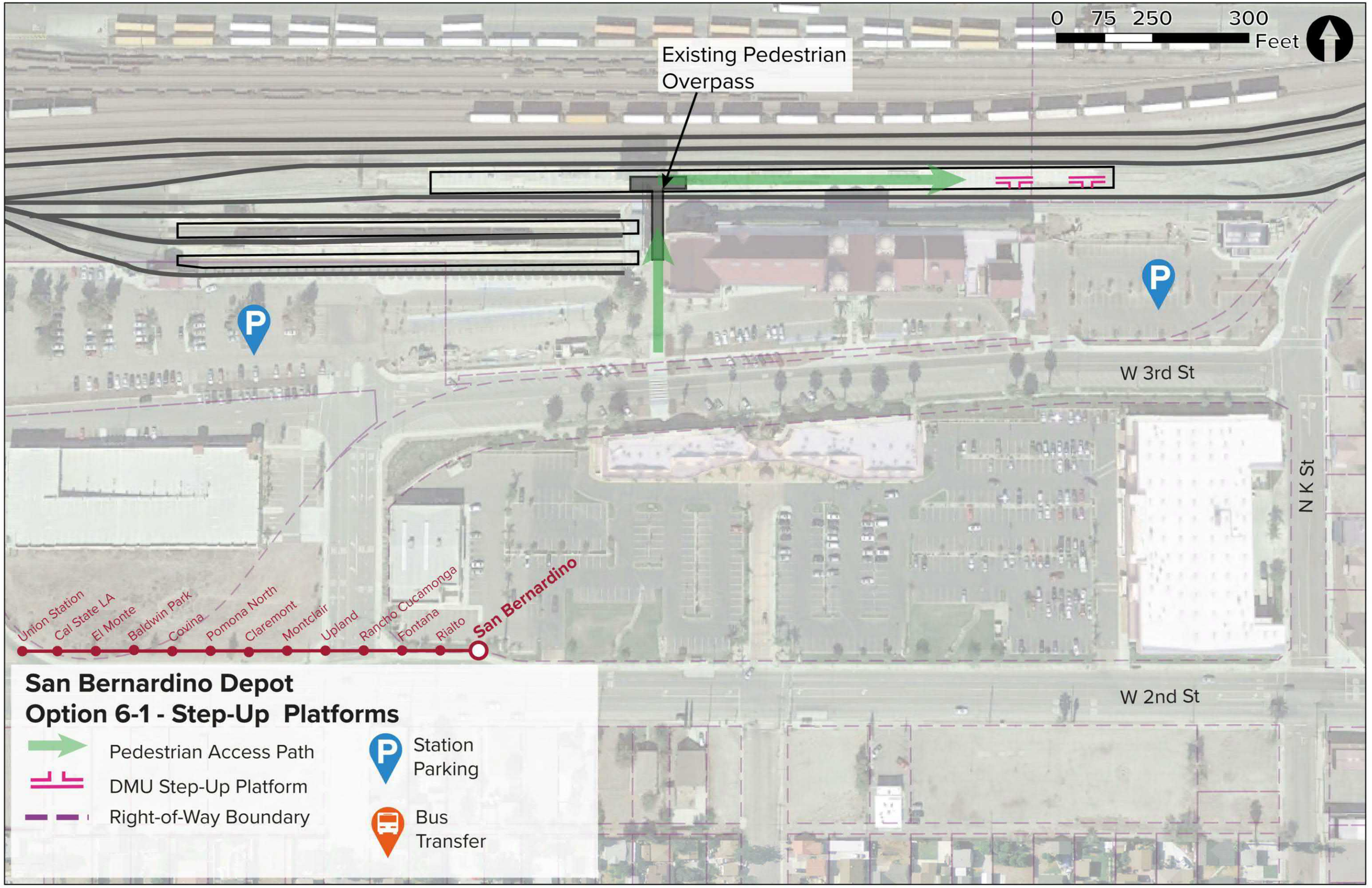

Montclair Metrolink Station
Option 2 - New Dedicated Platforms
Right-of-Way Boundary
Pedestrian Access Path
Gauntlet Track
New DMU Platform
Station Parking
Bus Transfer
Montclair Village Shopping Center 2/3 mile
Montclair Village Square Shopping Center 3/4 mile
Montclair Police Department 1/2 mile
0 50 100 200 Feet
Richton St
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Reconfigured Passenger Parking
Reconfigured Bus Turnaround
Pedestrian Tunnel Entrance
Optional Platform At-Grade Crossing
Gold Line Platform
Gold Line LRT Tracks
Existing Metrolink Platform
Metrolink + DMU + Freight Tracks
Metrolink + Freight Tracks
DMU Gauntlet Tracks
Existing Metrolink Platform
Gauntlet Tracks DMU
DMU Platform Access via Existing Pedestrian Tunnel


0 75 150 300
Feet
3rd Ave
4th Ave
A St
2nd Ave
Main Track and
Future Double Track
Metrolink + DMU + Freight
Gauntlet Tracks
Freight
At-Grade
Pedestrian Crossing
New Metrolink
Platform
New Pedestrian
Over/Underpass
New DMU
Platforms
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Upland Station
Option 2 - New Dedicated Platform & Gauntlet Track
Right-of-Way Boundary
Pedestrian Access Path
Gauntlet Track
Platform Extension
Station
Parking
Downtown Upland 1/4 mile
Cooper Regional History Museum 1/4 mile
Upland Public Library 1/2 mile
Olivedale Park 1/2 mile
8th Street Reservoir Park 1/2 mile
Upland Junior High School 1/2 mile


0 50 100 200
Feet
Modified Existing
Underpass
Extended Platform
for DMU Service
Shifted Existing
Main Tracks
Metrolink + DMU
Milliken Ave
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Rancho Cucamonga Station
Option 3 - Platform Extension & Gauntlet Track
Right-of-Way Boundary
Pedestrian Access Path
DMU Step-Up Platform
Extended Platform
Station
Parking
Bus
Transfer


Fontana Station
Option 3 - Platform Extension & Gauntlet Track
Right-of-Way Boundary
Pedestrian Access Path
Gauntlet Track
Platform Extension
Station Parking
Bus Transfer
Fontana Community Senior Center 1/4 mile
Fontana Lewis Library 1/2 mile
Pacific Electric Trail 1/2 mile
Fontana City Hall 1/2 mile
Seville Park & Amphitheatre 1/2 mile
Chaffey College Fontana Campus 1/2 mile
Veterans Park 3/4 mile
0 75 150 300
Feet
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Orange Way
Sierra Ave
Future Double Track
Metrolink + DMU + Freight
DMU Platforms
New Pedestrian
Over/Underpass
At-Grade Crossing
Ramps between DMU
and Metrolink Platforms
New Metrolink
Platform
Gauntlet Tracks
Freight
Ceres Ave
Juniper Ave


0 50 100 200
Feet
Palm Ave
Orange Ave
Main Track (future double track)
Metrolink + Freight + DMU
New Pedestrian
Over/Underpass
Relocated/New
Pedestrian
Street Crossing
Gauntlet Track
DMU
New Metrolink
Platform
New DMU Platforms
Riverside Ave
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
Rialto Station
Option 2 - New Dedicated Platform & Gauntlet Track
Right-of-Way Boundary
Pedestrian Access Path
Gauntlet Track
New Platform
Station
Parking
Bus Transfer
Rialto Civic Center 1/4 mile
Five Points Plaza Shopping Center 1/3 mile


0 75 250 300
Feet
Existing Pedestrian Overpass
W 3rd St
W 2nd St
N K St
Union Station
Cal State LA
El Monte
Baldwin Park
Covina
Pomona North
Claremont
Montclair
Upland
Rancho Cucamonga
Fontana
Rialto
San Bernardino
San Bernardino Depot
Option 6-1 - Step-Up Platforms
Pedestrian Access Path
DMU Step-Up Platform
Right-of-Way Boundary
Station Parking
Bus Transfer