Appendix B

Preliminary Geometric Drawings

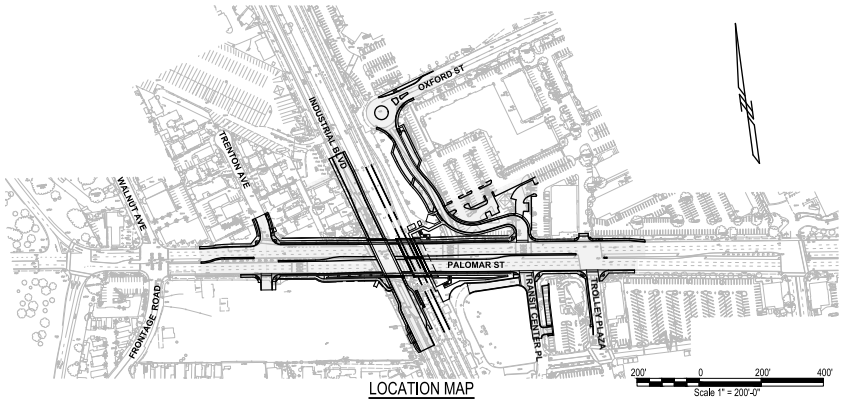
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION

THE SAN DIEGO ASSOCIATION OF GOVERNMENTS

CITY OF CHULA VISTA

PALOMAR STREET GRADE SEPARATION



LOCATION MAP

SHEET INDEX

G-01	TITLE SHEET
RW-01	RIGHT OF WAY - EXISTING
RW-02	RIGHT OF WAY - PROPOSED
TS-01	TYPICAL SECTIONS - PALOMAR ST
TS-02	TYPICAL SECTIONS - PALOMAR ST
TS-03	TYPICAL SECTIONS - INDUSTRIAL BLVD
TS-04	TYPICAL SECTIONS - OXFORD CONNECTOR
C-01	PLAN AND PROFILE - PALOMAR ST
C-02	PLAN AND PROFILE - TRENTON AVE
C-03	PLAN AND PROFILE - INDUSTRIAL BLVD
C-04	PLAN AND PROFILE - OXFORD CONNECTOR, TRANSIT CENTER PL
CS-01	CONSTRUCTION STAGING - STAGE 1
CS-02	CONSTRUCTION STAGING - STAGE 2
CS-03	CONSTRUCTION STAGING - STAGE 3
UT-01	EXISTING UTILITIES
UT-02	EXISTING UTILITIES
UT-03	PROPOSED UTILITIES
UT-04	PROPOSED UTILITIES
SD-01	EXISTING STORM DRAIN
SD-02	EXISTING STORM DRAIN
SD-03	PROPOSED STORM DRAIN
SD-04	PROPOSED STORM DRAIN

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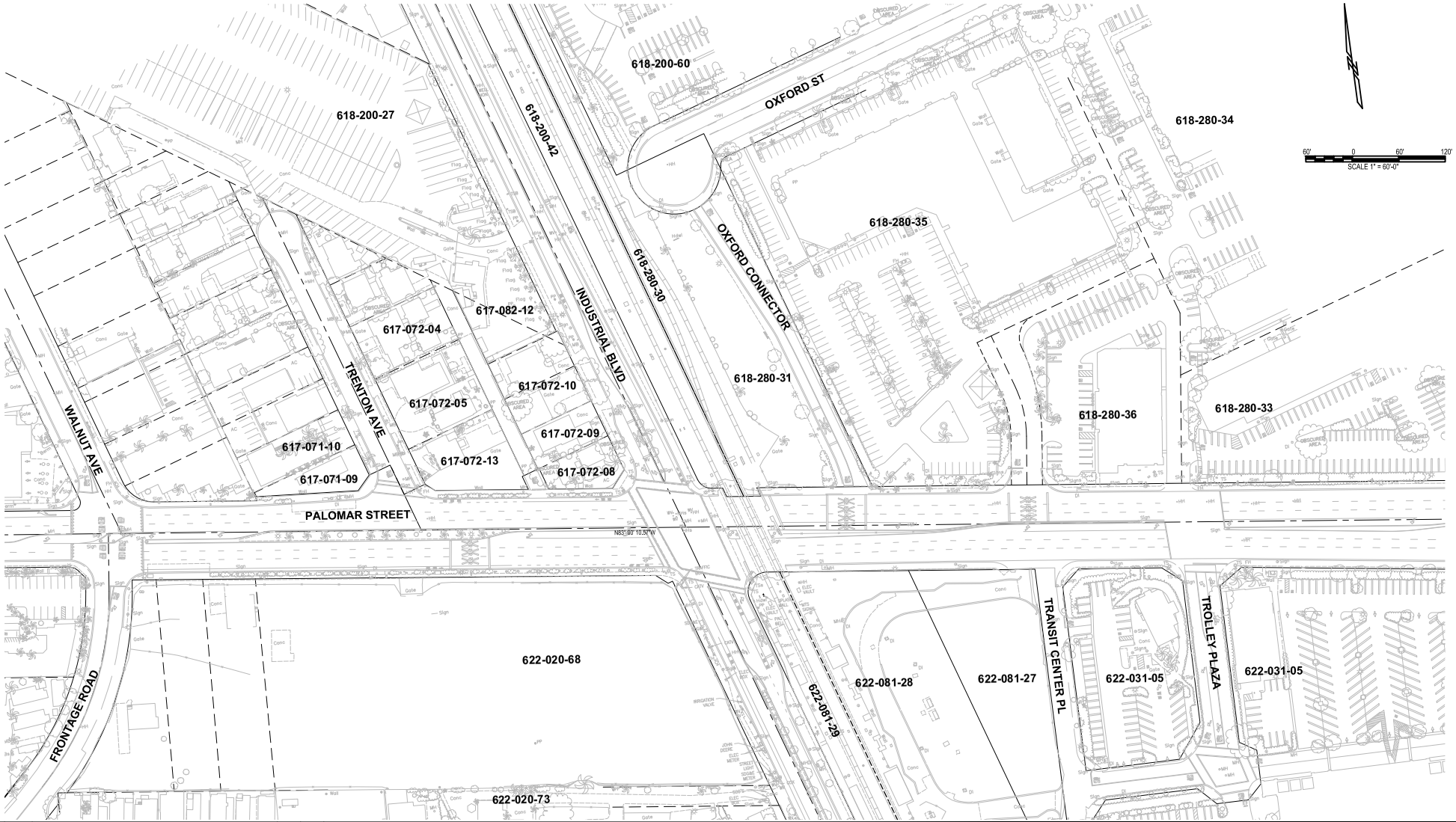
CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION
TITLE SHEET

SCALE N.T.S.
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. G-01 SHEET NO.

FILENAME: \\RWOO\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\GENERAL\G-01 TITLE SHEET.DWG
DATE: 01-17-2020
TIME: 7:59:59 AM

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION



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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

RIGHT OF WAY
EXISTING

SCALE 1" = 60'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. RW-01
SHEET NO.

FILENAME: \\RWOD\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\RIGHT OF WAY\C-ROW.DWG
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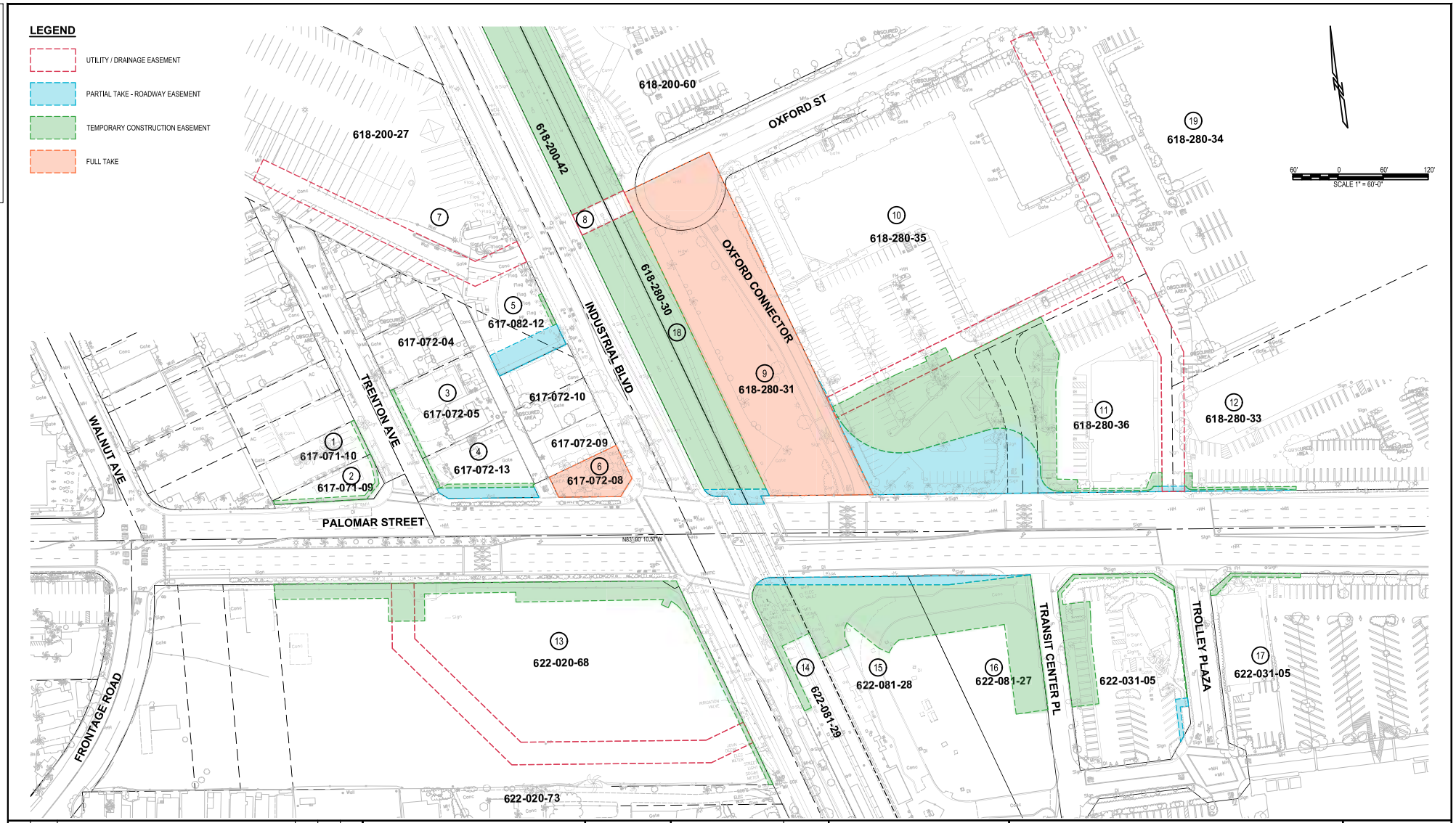
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION



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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

RIGHT OF WAY
PROPOSED

SCALE 1" = 60'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. RW-02
SHEET NO.

FILENAME: \\RWOO\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\RIGHT OF WAY\C-ROW.DWG

DATE: 01-16-2020

TIME: 10:50:50 AM

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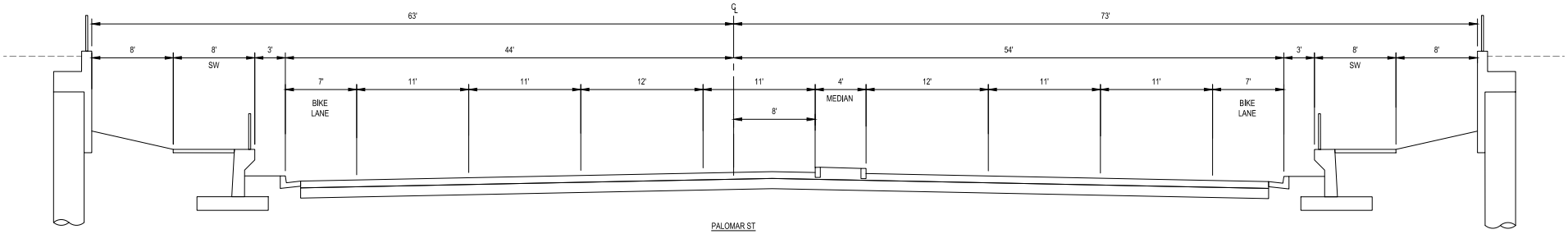
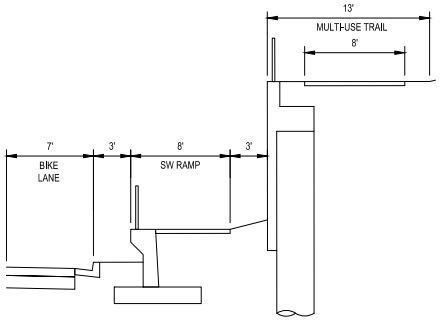
XX% DESIGN – NOT FOR CONSTRUCTION

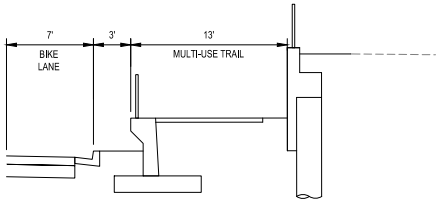


PALOMAR ST

95+72 TO 99+45
101+80 TO 108+00



98+25 TO 100+00



96+75 TO 98+00

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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

TYPICAL SECTIONS
PALOMAR STREET

SCALE 1" = 5'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. TS-01
SHEET NO.

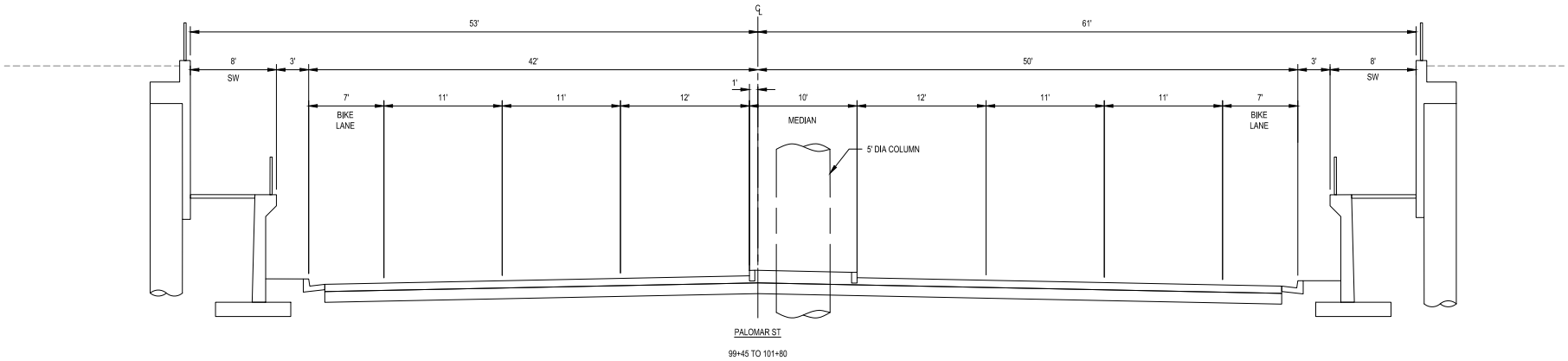
FILENAME: \\RWIDO\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\TYPICAL SECTION\TS-01_22X34.DWG

DATE: 01-17-2020

TIME: 7:57:53 AM

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION



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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

TYPICAL SECTIONS
PALOMAR STREET

SCALE 1" = 5'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. TS-02
SHEET NO.

FILENAME: \\RWGD\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\TYPICAL SECTION\TS-01_22X34.DWG
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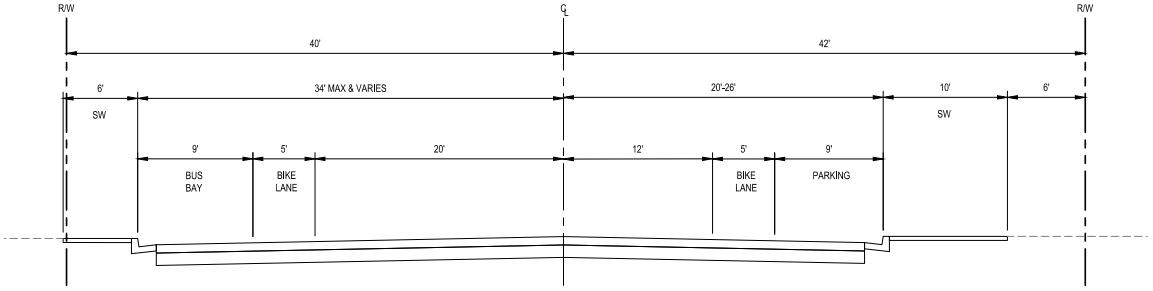
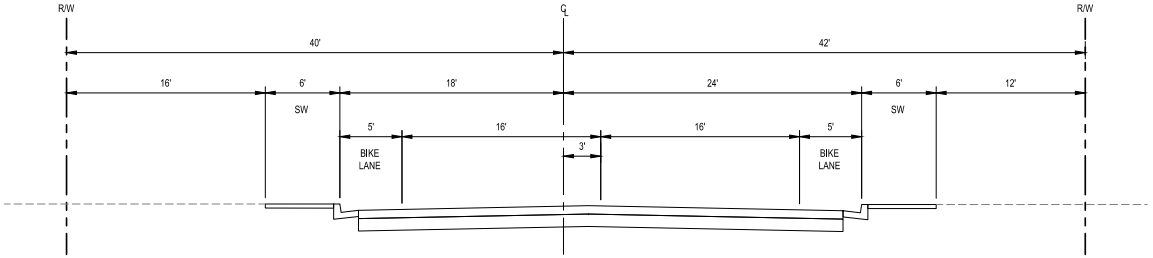
XX% DESIGN – NOT FOR CONSTRUCTION



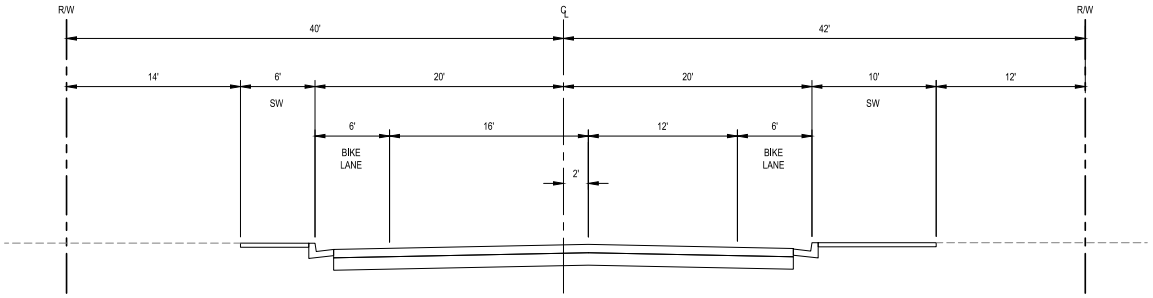
INDUSTRIAL BLVD

11+11.58 TO 13+23.88



INDUSTRIAL BLVD

8+47.45 TO 11+11.58



INDUSTRIAL BLVD

6+36.79 TO 8+47.45

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PALOMAR STREET GRADE SEPARATION

TYPICAL SECTIONS

INDUSTRIAL BLVD

SCALE 1" = 5'

SANDAG CONTRACT NO. XXXXXXX

DRAWING NO. TS-03 | SHEET NO.

FILENAME: \\RWOD\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\TYPICAL SECTION\TS-01_22X34.DWG

DATE: 01-17-2020

TIME: 7:56:49 AM

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
0 1 2 3

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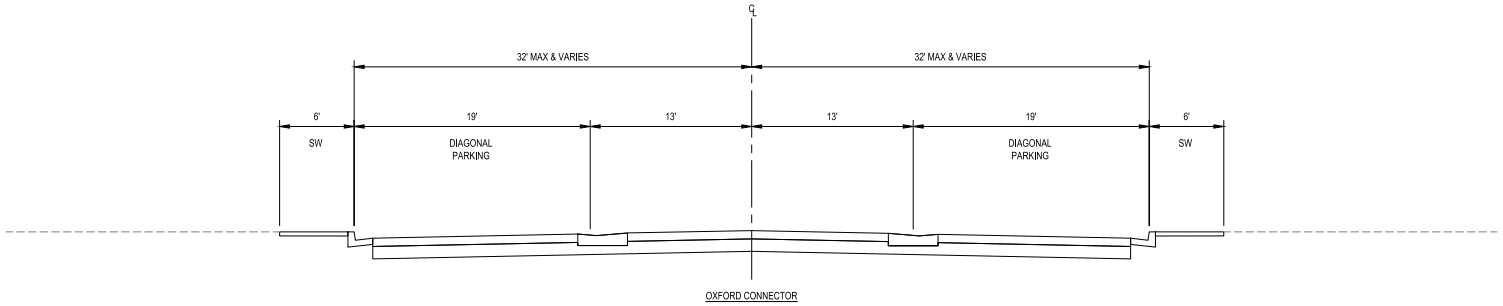

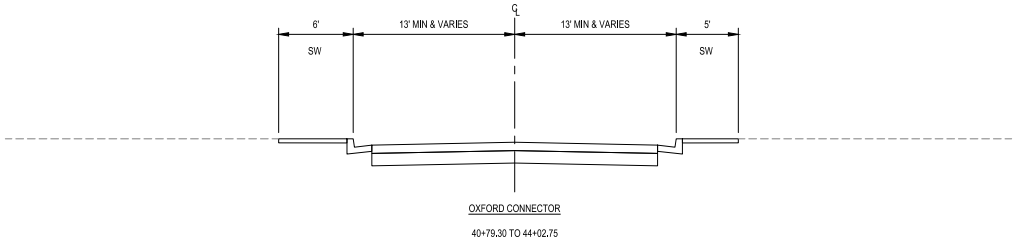

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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

TYPICAL SECTIONS
OXFORD CONNECTOR

SCALE 1" = 5'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. TS-04
SHEET NO.

FILENAME: \\RWGO\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\TYPICAL SECTION\TS-01_22X34.DWG
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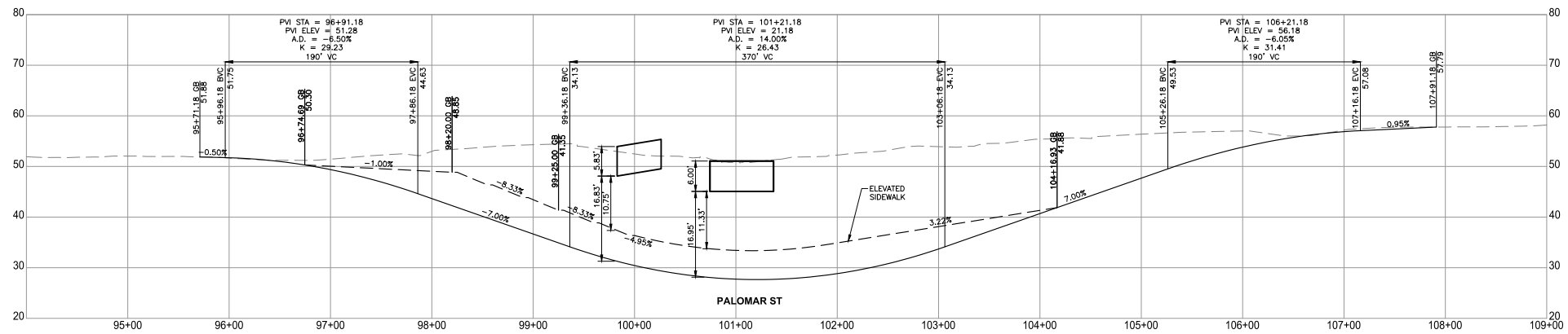
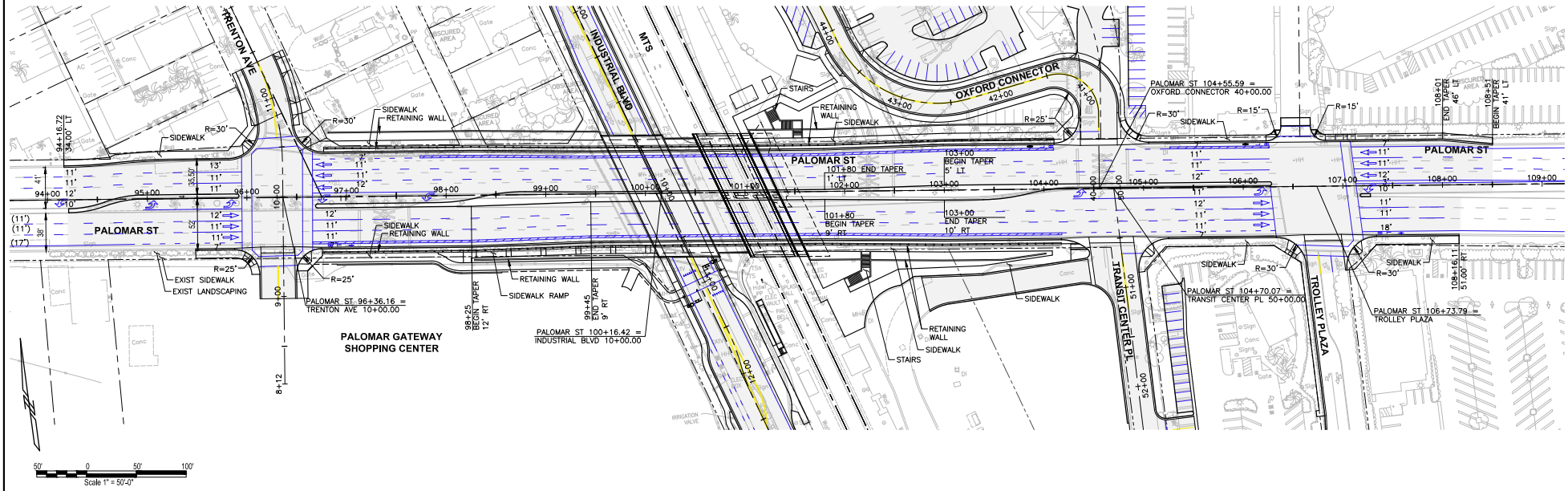
XX% DESIGN – NOT FOR CONSTRUCTION





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CITY OF CHULA VISTA

PALOMAR STREET GRADE SEPARATION

PLAN & PROFILE

PALOMAR STREET

SCALE	
1" = 50'	
SANDAG CONTRACT NO. XXXXXXX	
DRAWING NO. C-01	SHEET NO.

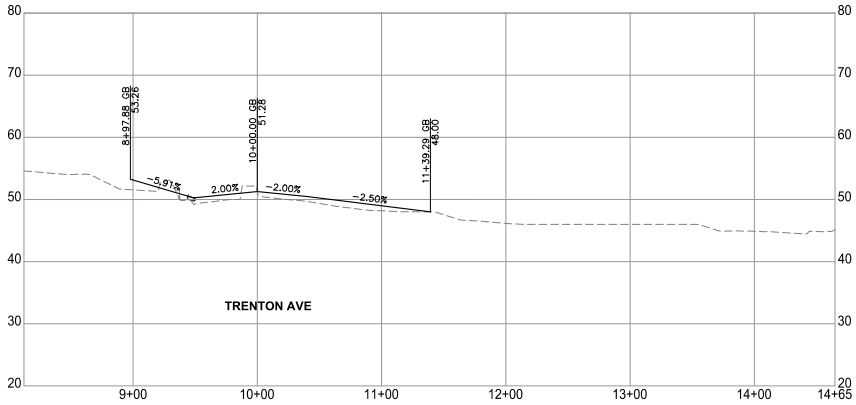
FILENAME: \\RWDGV_OBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\PLAN & PROFILE\C-01 PLAN & PROFILE-PALOMAR.DWG

DATE: 01-16-2020

TIME: 11:

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION



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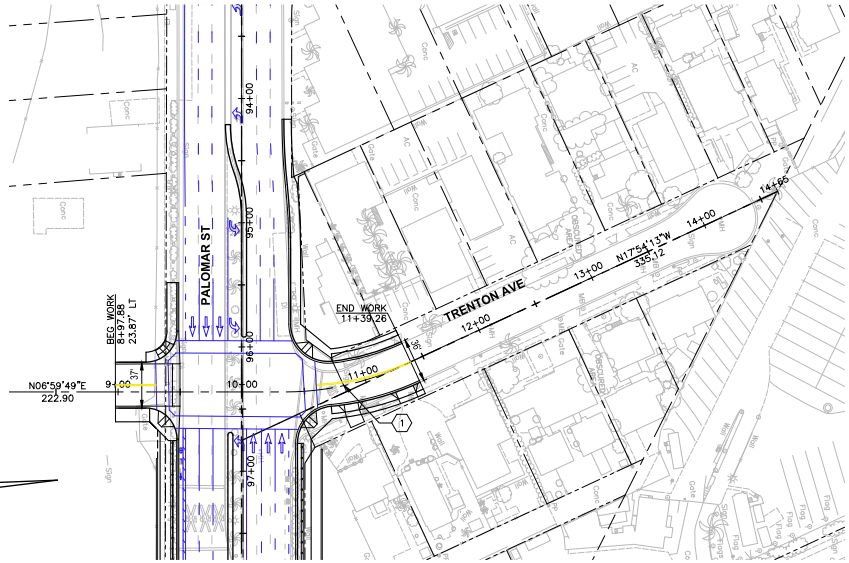

50' 0 50' 100'
Scale 1" = 50'-0"

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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

PLAN & PROFILE
TRENTON AVENUE

SCALE 1" = 50'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. C-02
SHEET NO.

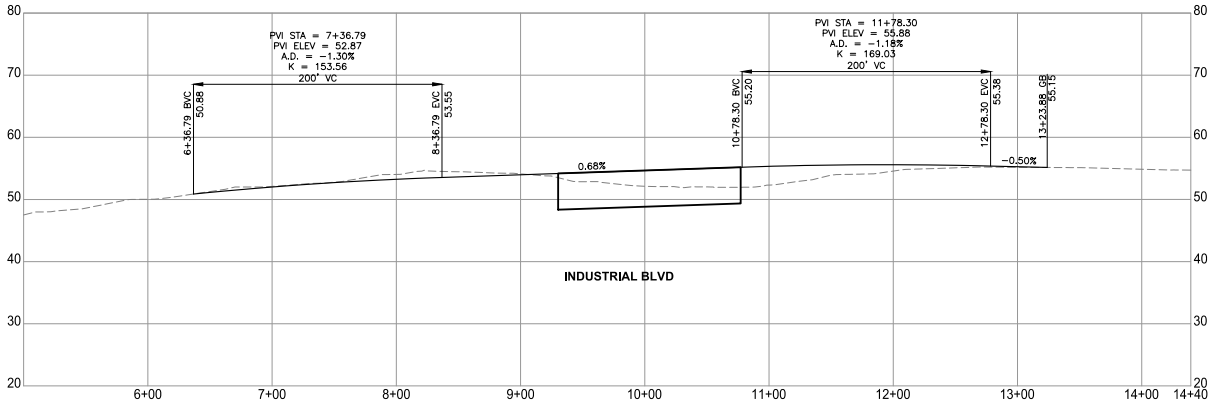
FILENAME: \\RWDG\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\PLAN & PROFILE\C-02 PLAN & PROFILE-TRENTON.DWG

DATE: 01-16-2020

TIME: 11:

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION



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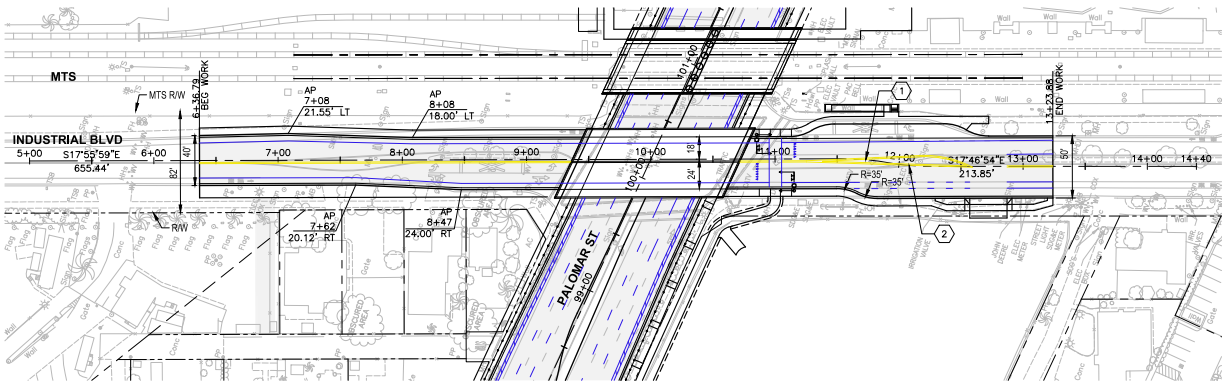

50' 0 50' 100'
Scale 1" = 50'-0"

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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

PLAN & PROFILE
INDUSTRIAL BLVD

SCALE 1" = 50'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. C-03
SHEET NO.

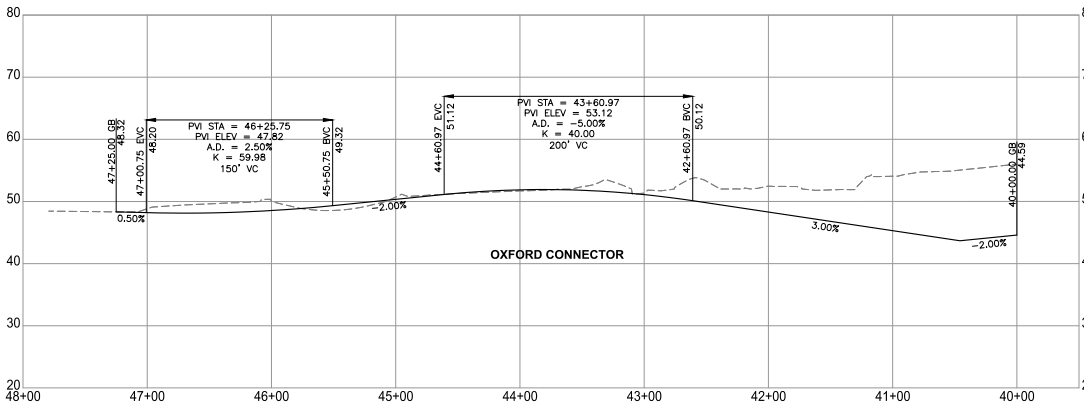
FILENAME: \\RWDG\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\PLAN & PROFILE\C-03 PLAN & PROFILE-INDUSTRIAL.DWG

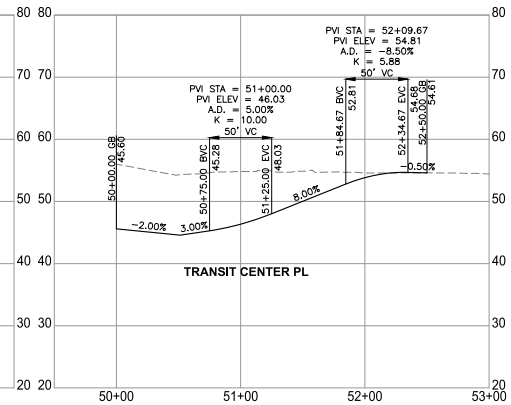
DATE: 01-16-2020

TIME: 1

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION





CURVE DATA TABLE				
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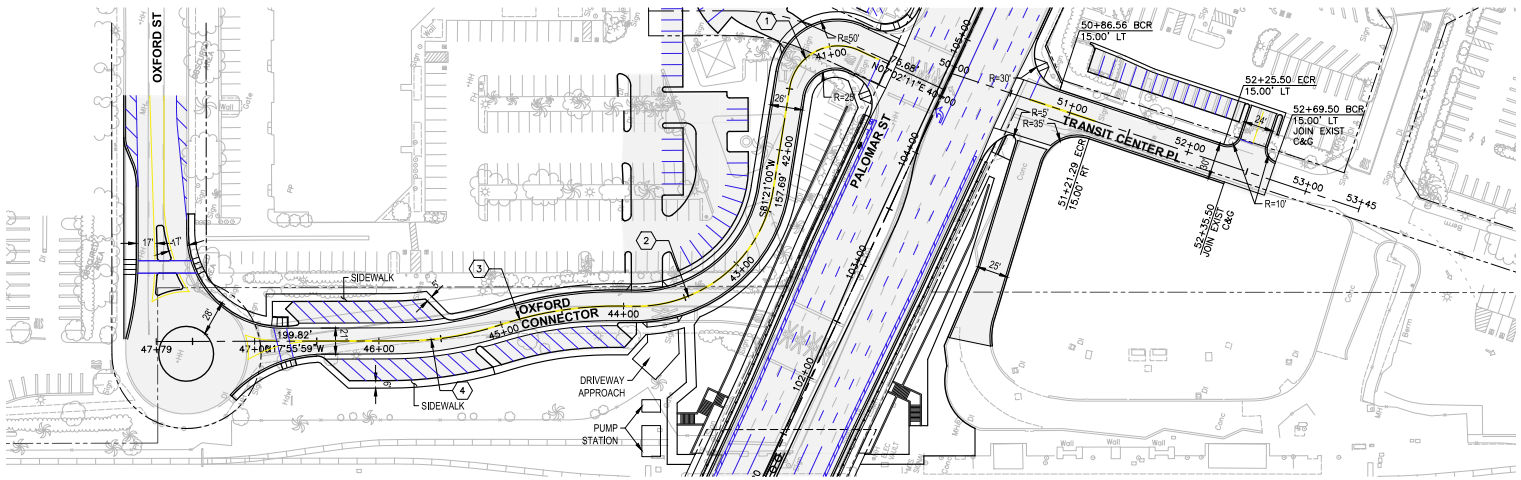
1	39.68'	73.18'	N45° 48' 25"W	52.35'
2	112.00'	157.69'	N58° 18' 52"W	95.10'
3	299.00'	107.81'	N26° 00' 24"W	54.50'
4	241.00'	77.41'	N27° 08' 05"W	39.04'



50' 0 50' 100'
Scale 1" = 50'-0"

NO.	DATE	REVISIONS	BY	CHK	APRV

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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

PLAN & PROFILE
OXFORD CONNECTOR
&
TRANSIT CENTER PL

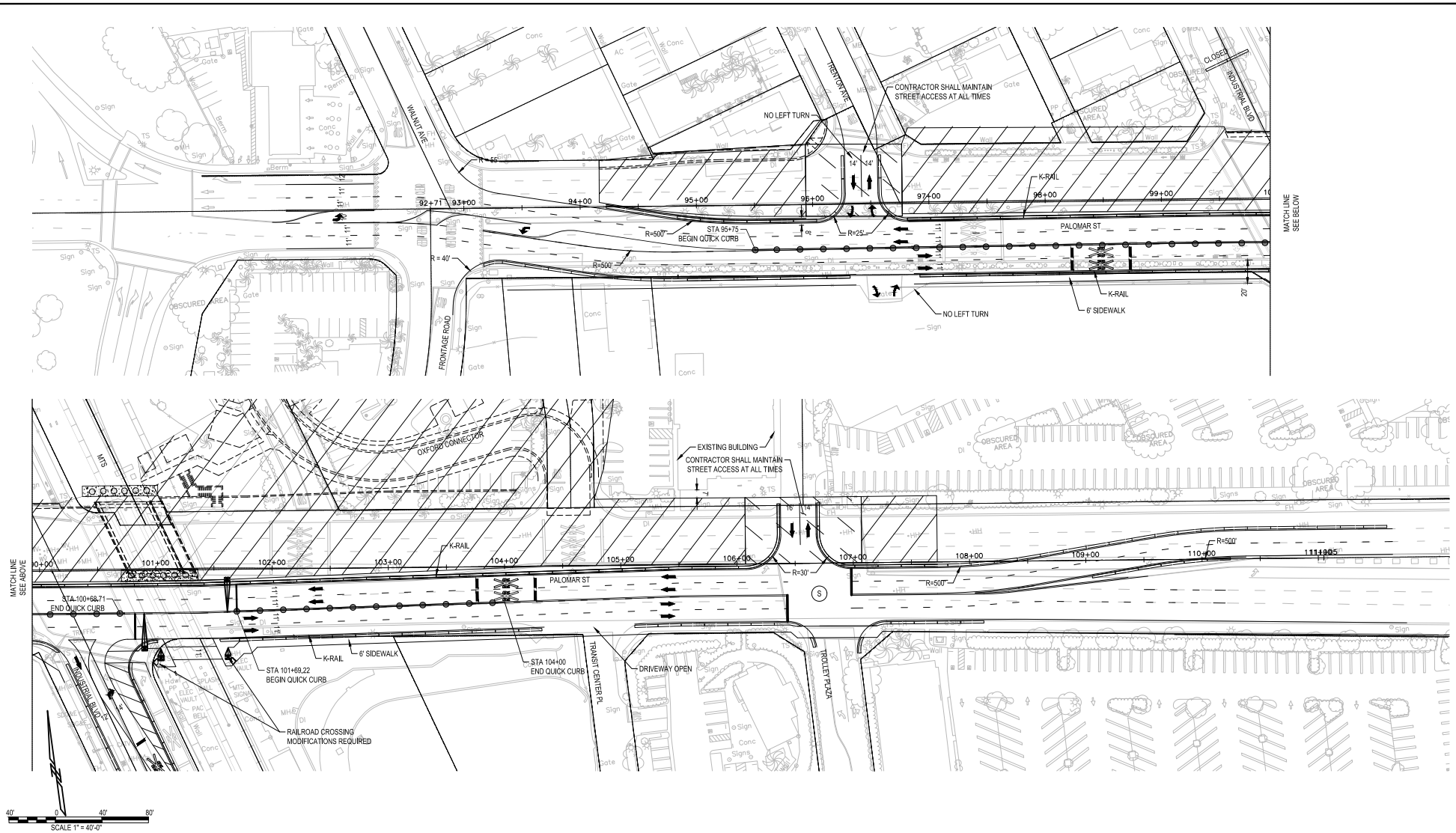
SCALE 1" = 50'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. C-04
SHEET NO.

FILENAME: \\RWDG\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\PLAN & PROFILE\C-04 PLAN & PROFILE-OXFORD CONNECTOR.DWG

DATE: 01-16-2020

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION



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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

CONSTRUCTION STAGING
STAGE 1
PALOMAR STREET

SCALE 1" = 40'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. CS-01
SHEET NO.

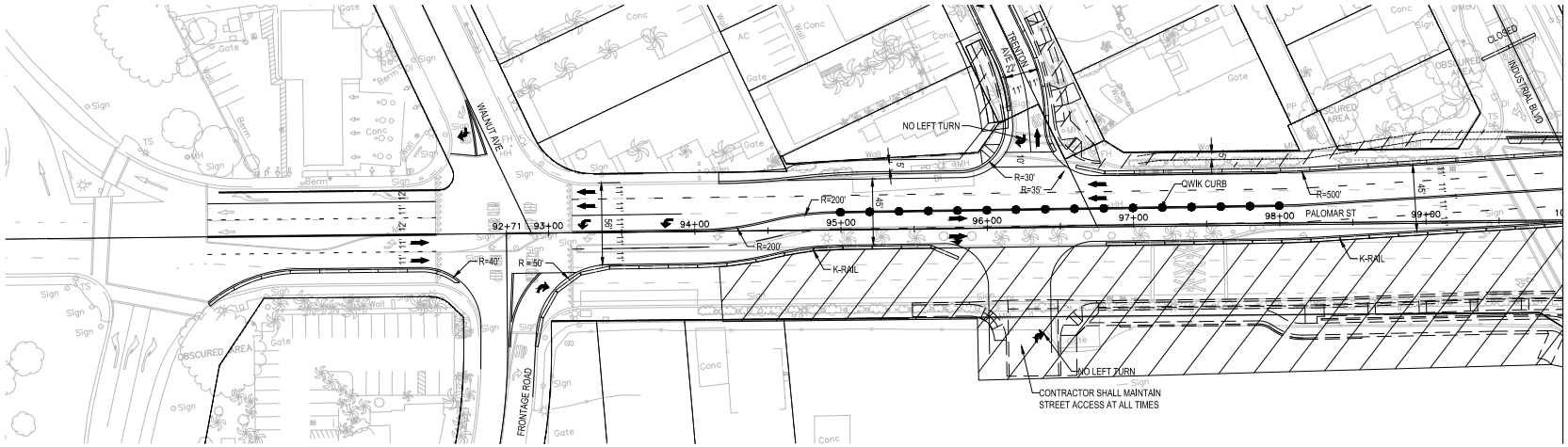
FILENAME: \\RWOO\OBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\STAGING\CS-01 STAGE 1.DWG

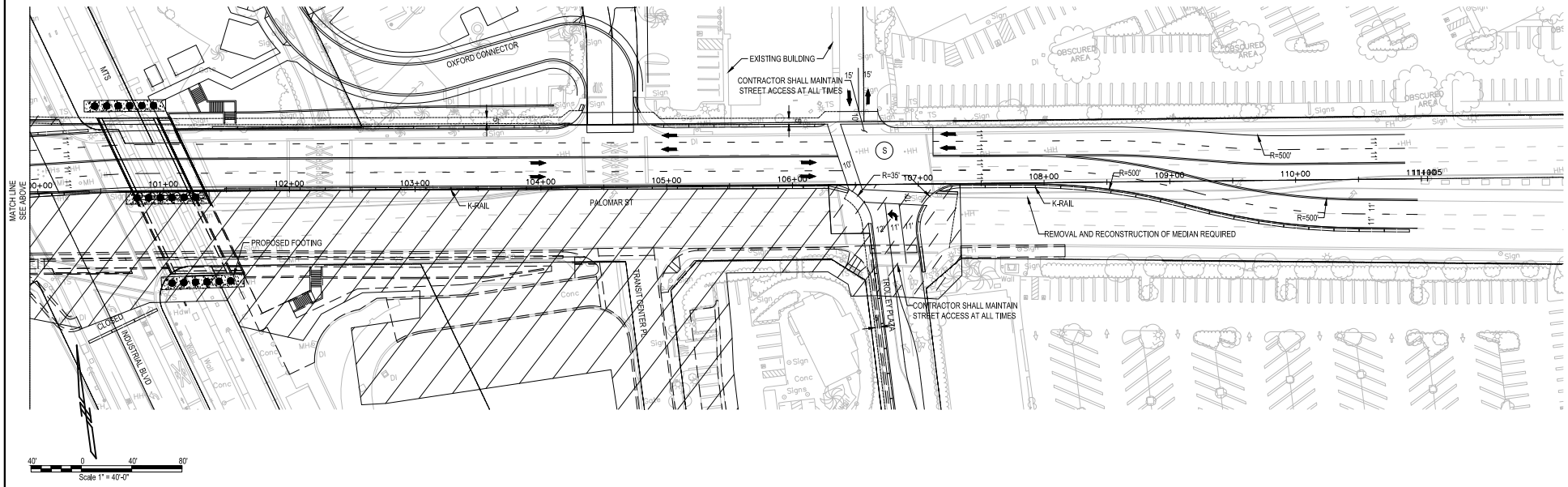
DATE: 01-16-2020

TIME: 5:34:47 PM

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION





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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

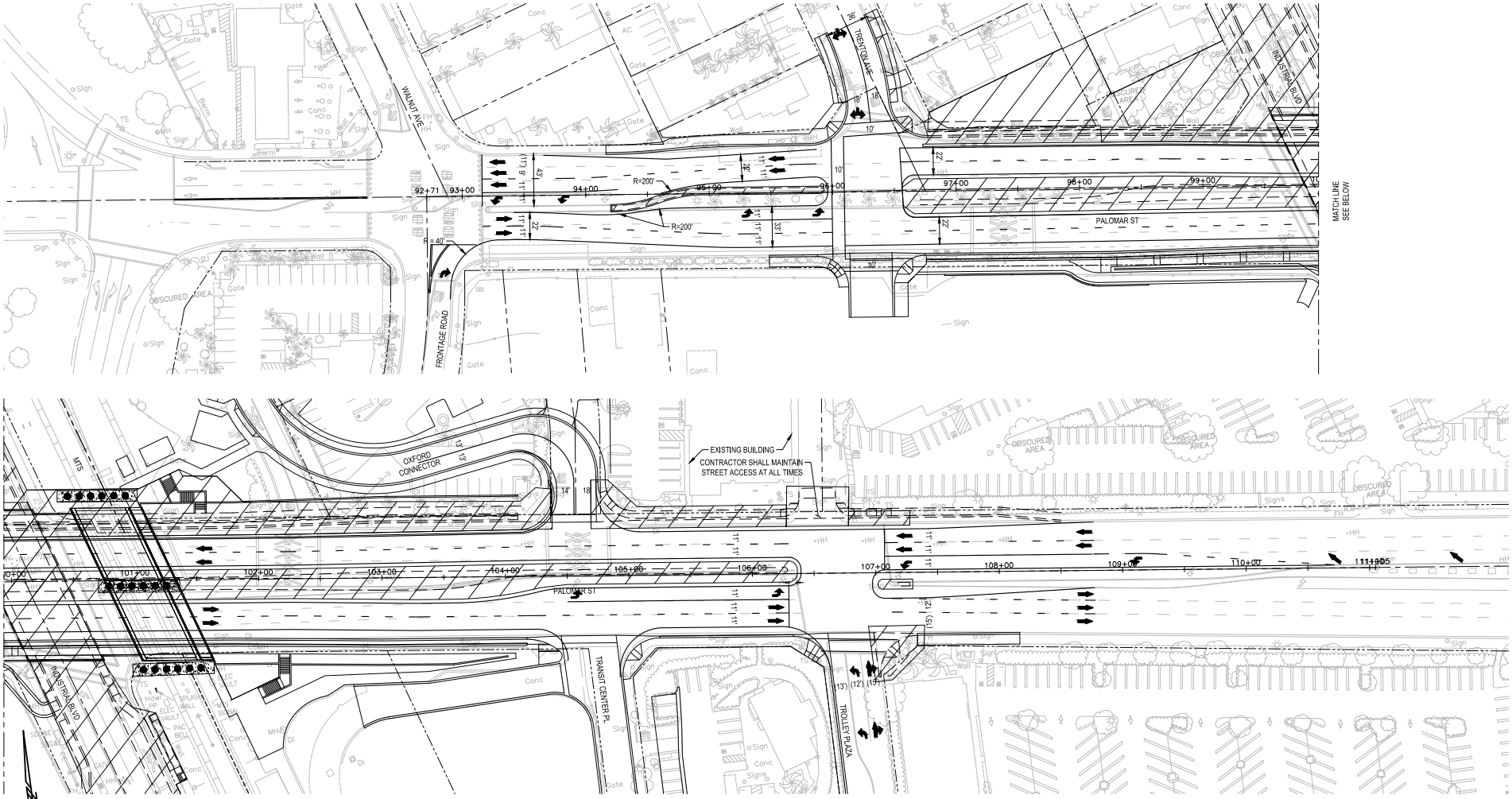
CONSTRUCTION STAGING
STAGE 2
PALOMAR STREET

SCALE 1" = 40"
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. CS-02
SHEET NO.

FILENAME: \\RWOO\OBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\STAGING\CS-02 STAGE 2.DWG
DATE: 01-16-2020
TIME: 2:37:35 PM

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
0 1 2 3

XX% DESIGN – NOT FOR CONSTRUCTION



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CITY OF CHULA VISTA

PALOMAR STREET GRADE SEPARATION

CONSTRUCTION STAGING

STAGE 3
PALOMAR STREET

SCALE 1" = 40'

SANDAG CONTRACT NO. XXXXXXX

DRAWING NO. CS-03

SHEET NO.

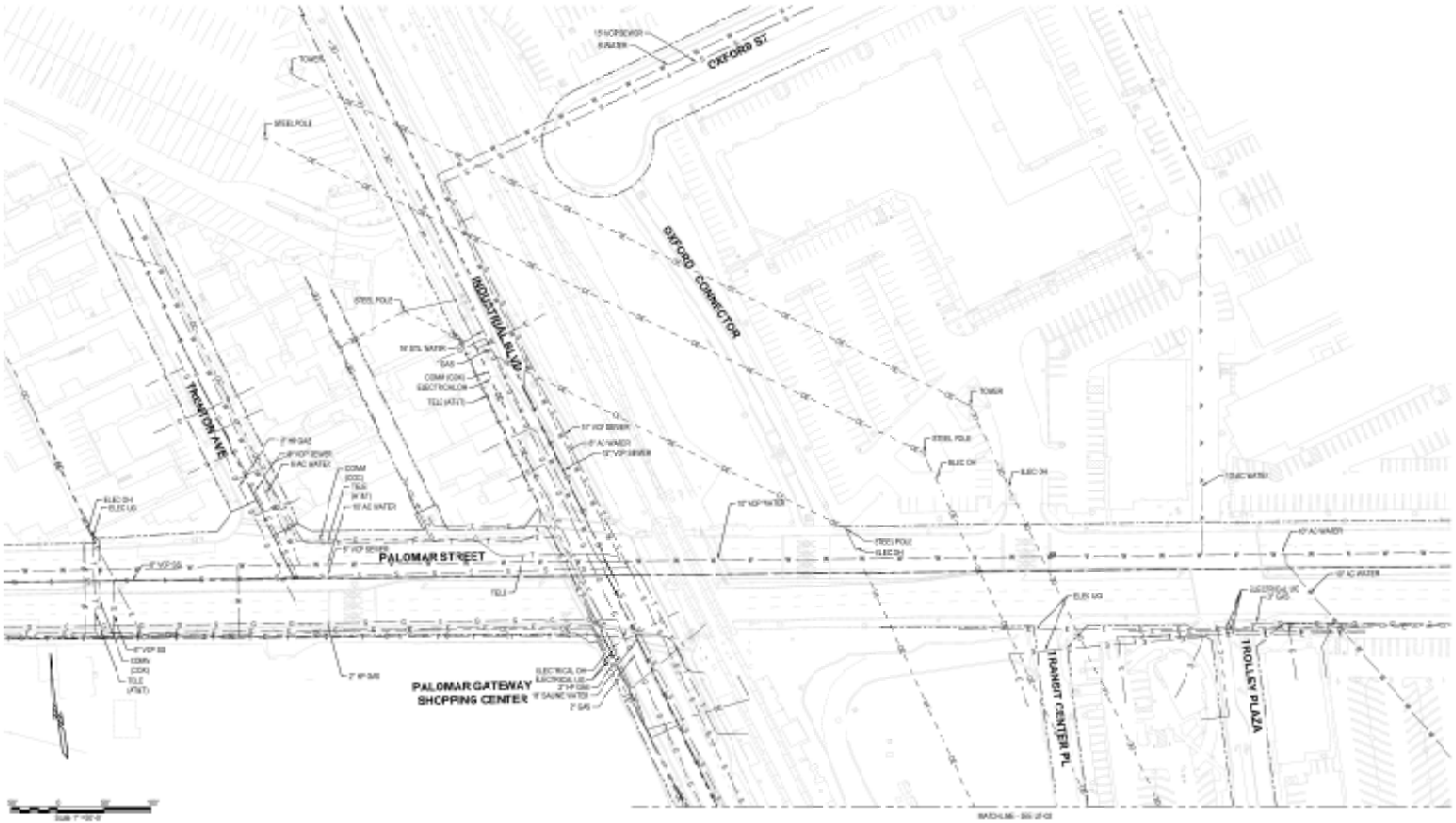
FILENAME: \\RIVWO\JOBS\56445_2011_SANDAG_ON-CALL\TASK_ORDERS\14_PALOMAR STREET GRADE SEPARATION\00_CADD\01_PR-ED\002_SHEETS\STAGING\CS-03 STAGE 3.DWG

DATE: 01-16-2020

TIME: 2:36:28 PM

XX% DESIGN – NOT FOR CONSTRUCTION

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



NO.	DATE	REVISIONS	BY	CHK	APPR

HNTB 401 B Street Suite 510 San Diego, CA 92101

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
SANDAG	

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MTS

CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION
EXISTING UTILITIES

SCALE 1" = 50'
SANDAG CONTRACT NO. XXXXXXX
DRAWING NO. UT-01
SHEET NO.

XX% DESIGN – NOT FOR CONSTRUCTION

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

NO.	DATE	REVISIONS	BY	CHK	APPR

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MTS Metropolitan Transit System

CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

EXISTING UTILITIES

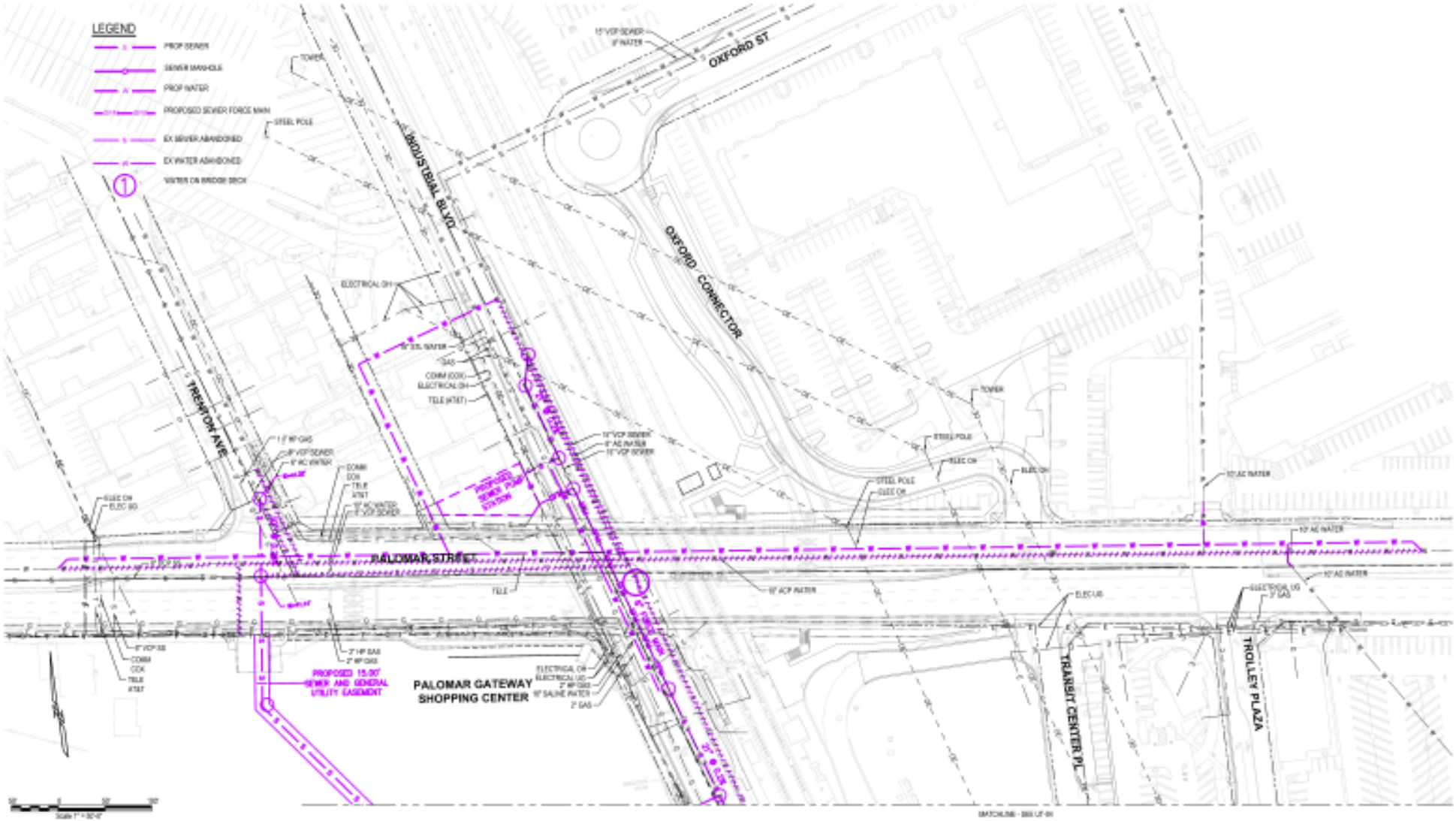
SCALE 1" = 50'

SANDAG CONTRACT NO. XXXXXXX

DRAWING NO. UT-42

SHEET NO.

XX% DESIGN – NOT FOR CONSTRUCTION



NO.	DATE	REVISIONS	BY	CHK	APRV

HNTB
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Suite 510
San Diego, CA 92101

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
SANDAG	

SANDAG

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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

PROPOSED UTILITIES

SCALE 1" = 50'

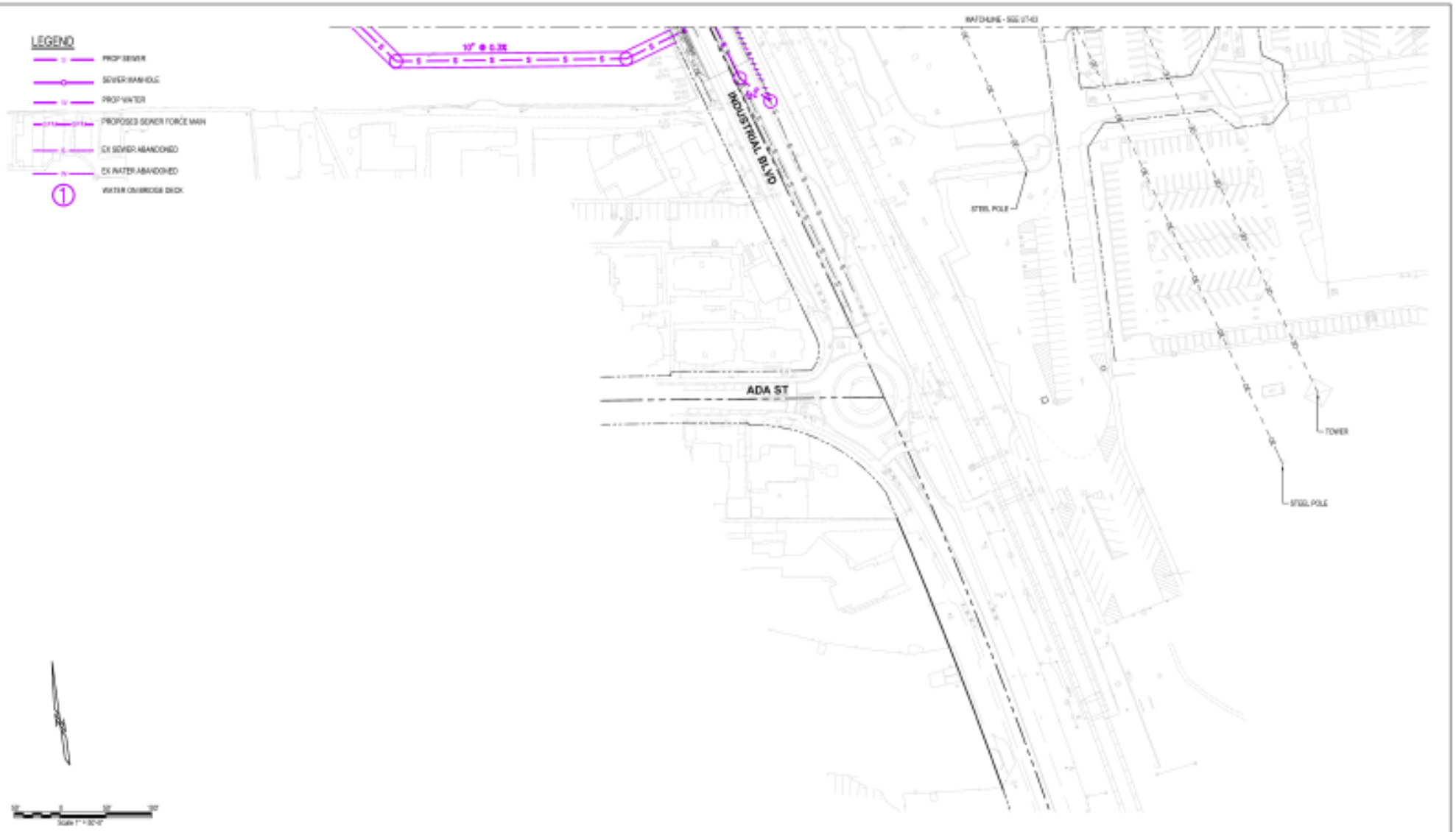
SANDAG CONTRACT NO. XXXXXXX

DRAWING NO. UT-03

SHEET NO.

XX% DESIGN – NOT FOR CONSTRUCTION

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



NO.	DATE	REVISIONS	BY	CHK	APPV

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Suite 510
San Diego, CA 92101

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CHECKED BY	
SANDAG	

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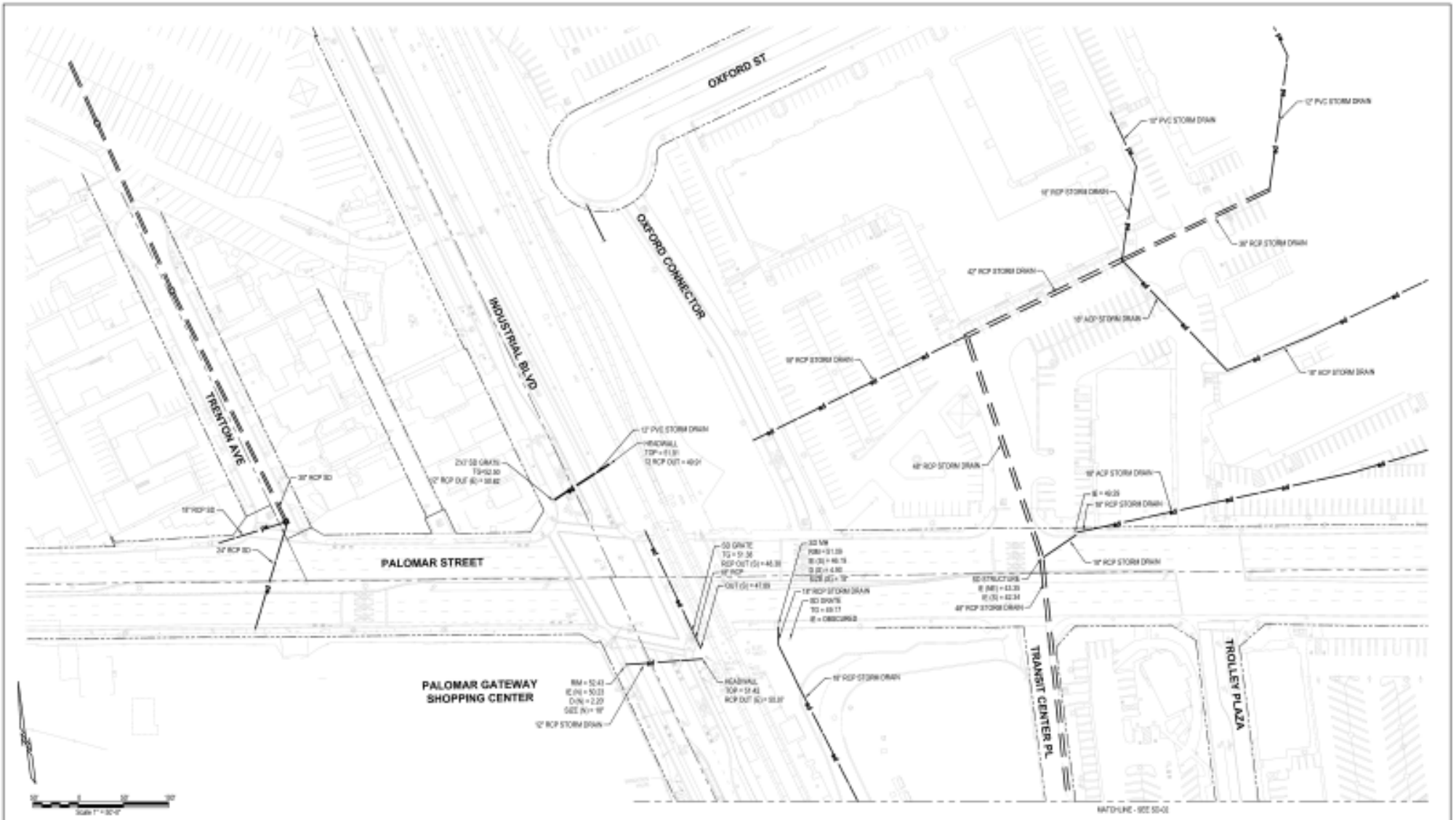
CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

PROPOSED UTILITIES

SCALE	1" = 50'
SANDAG CONTRACT NO.	XXXXXXX
DRAWING NO.	UT-04
SHEET NO.	

XX% DESIGN – NOT FOR CONSTRUCTION

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



NO.	DATE	REVISIONS	BY	CHK	APPV

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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

EXISTING STORM DRAIN

SCALE	1" = 50'
SANDAG CONTRACT NO.	XXXXXXX
DRAWING NO.	SD-01
SHEET NO.	

XX% DESIGN – NOT FOR CONSTRUCTION

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

NO.	DATE	REVISIONS	BY	CHK	APPV

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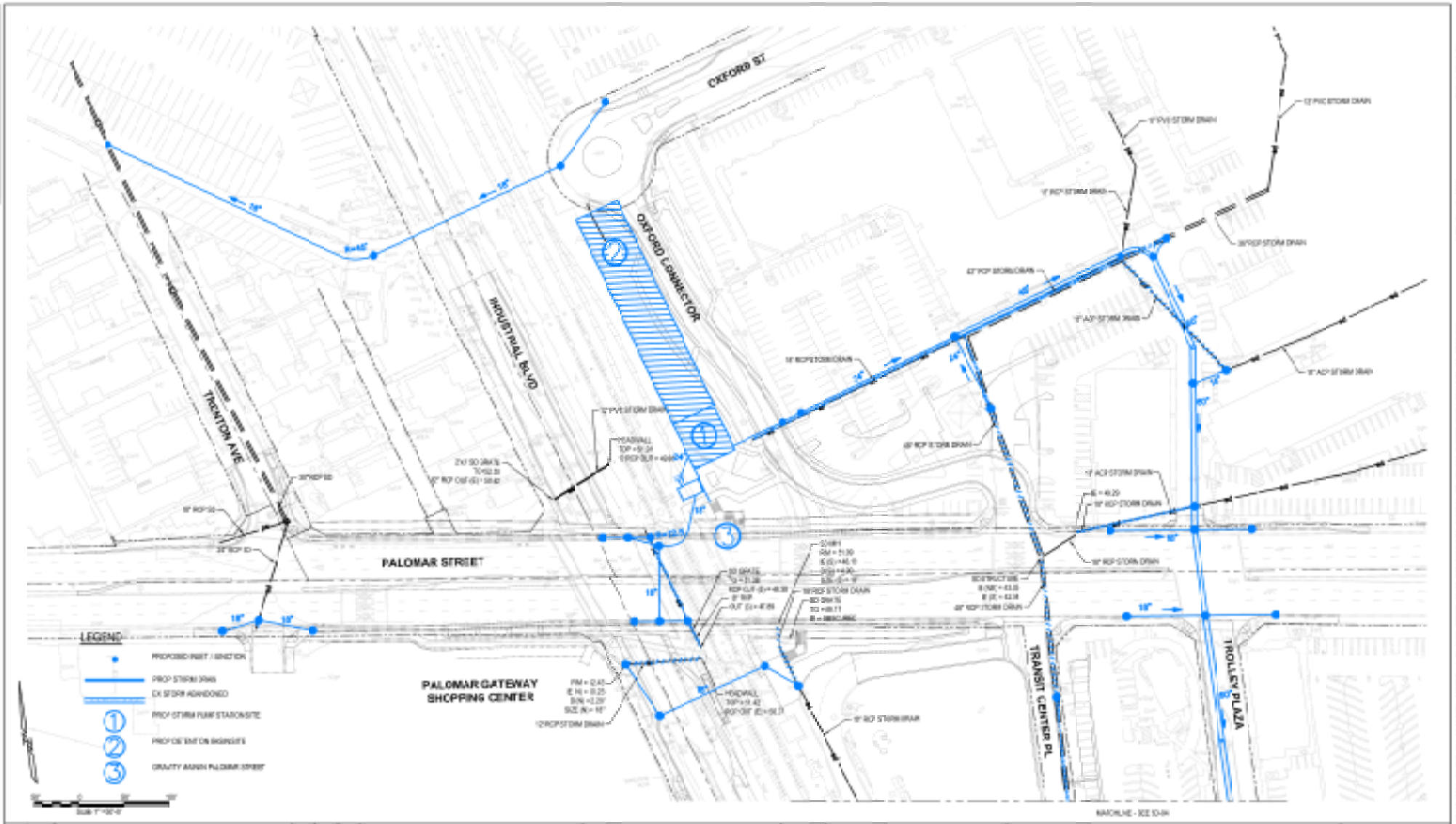
CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

EXISTING STORM DRAIN

SCALE	1" = 50'
SANDAG CONTRACT NO.	XXXXXXX
DRAWING NO.	SD-02
SHEET NO.	

XX% DESIGN – NOT FOR CONSTRUCTION



NO.	DATE	REVISIONS	BY	CHK	APPV

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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

PROPOSED STORM DRAIN

SCALE 1" = 50'

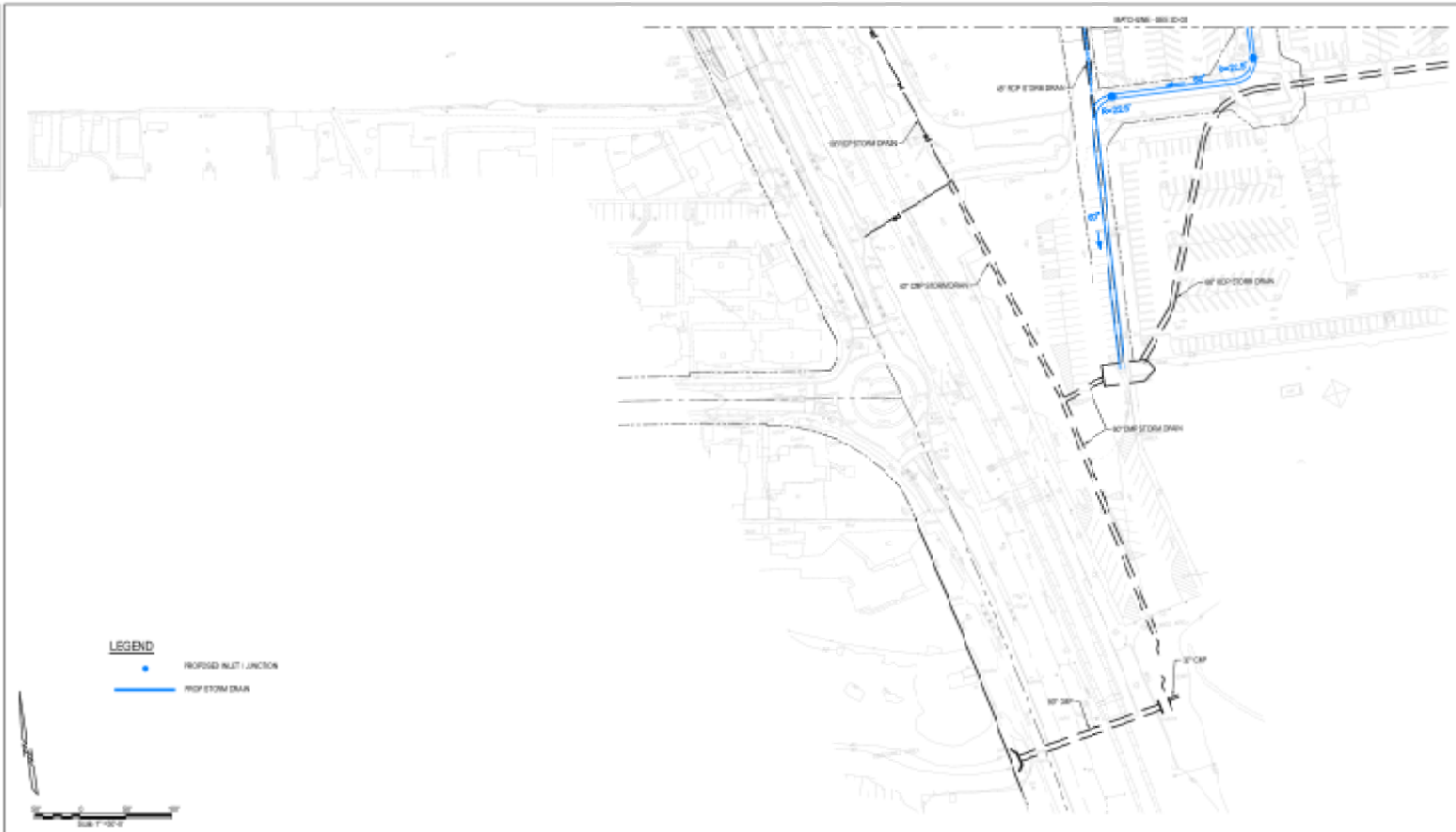
SANDAG CONTRACT NO. XXXXXXX

DRAWING NO. SD-03

SHEET NO.

XX% DESIGN – NOT FOR CONSTRUCTION

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



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CITY OF CHULA VISTA
PALOMAR STREET GRADE SEPARATION

PROPOSED STORM DRAIN

SCALE 1" = 50'

SANDAG CONTRACT NO. XXXXXXX

DRAWING NO. SD-04

SHEET NO.