Figure 1: Map of Alternatives

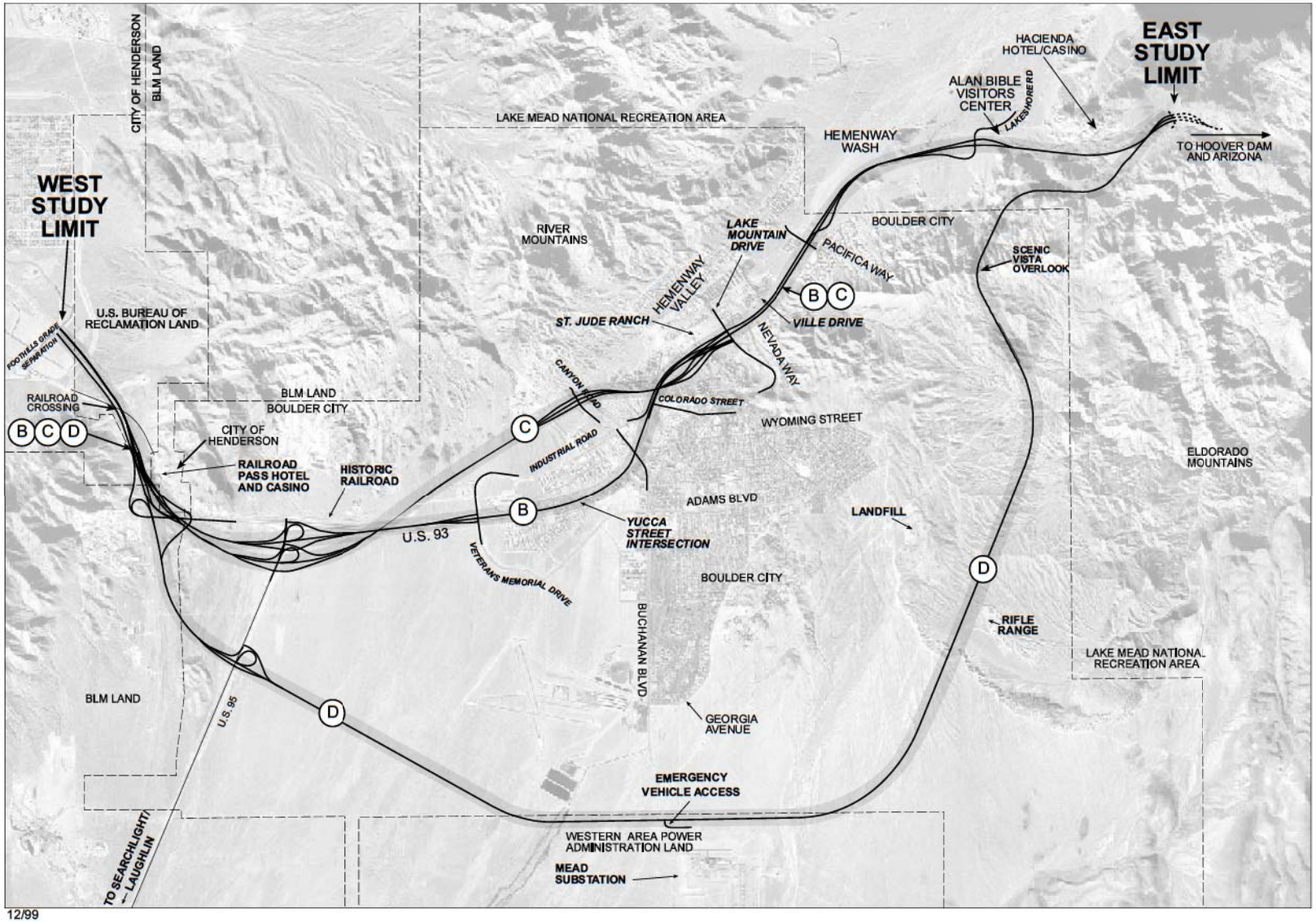


FIGURE 2-7
ALTERNATIVES UNDER CONSIDERATION
BOULDER CITY/U.S. 93 CORRIDOR STUDY
ENVIRONMENTAL IMPACT STATEMENT

LAS 155933.ED.EI.FE Figure 2-7 1/05

Boulder City Phase 2
Maps and Plan Sheets

RTC

BOULDER CITY BYPASS PROJECT PHASE II

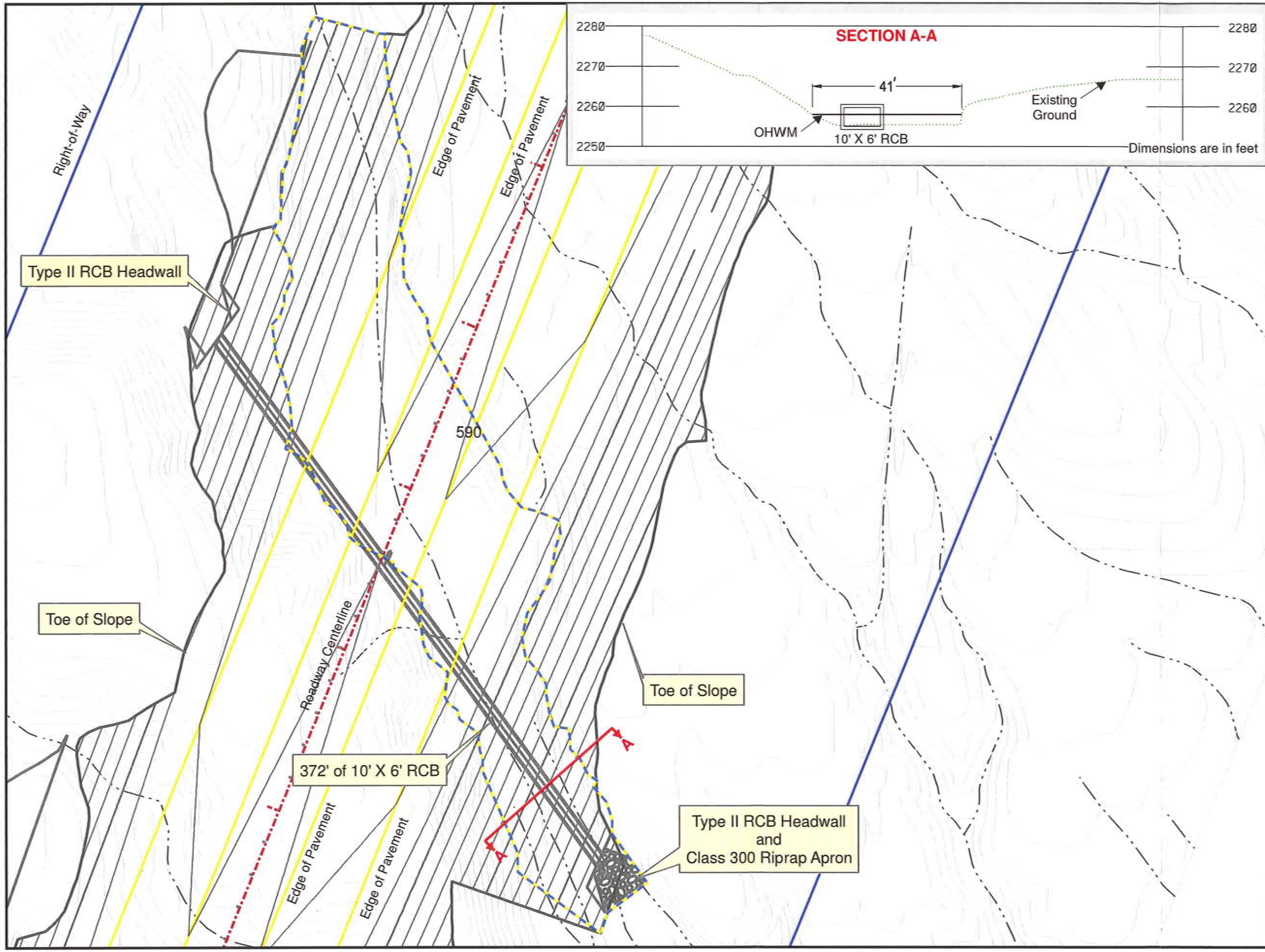
Legend

- Jurisdictional Washes
- Project Boundary
- FEMA Floodzone

N

0 1,500 3,000 6,000
Feet

SITE MAP



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

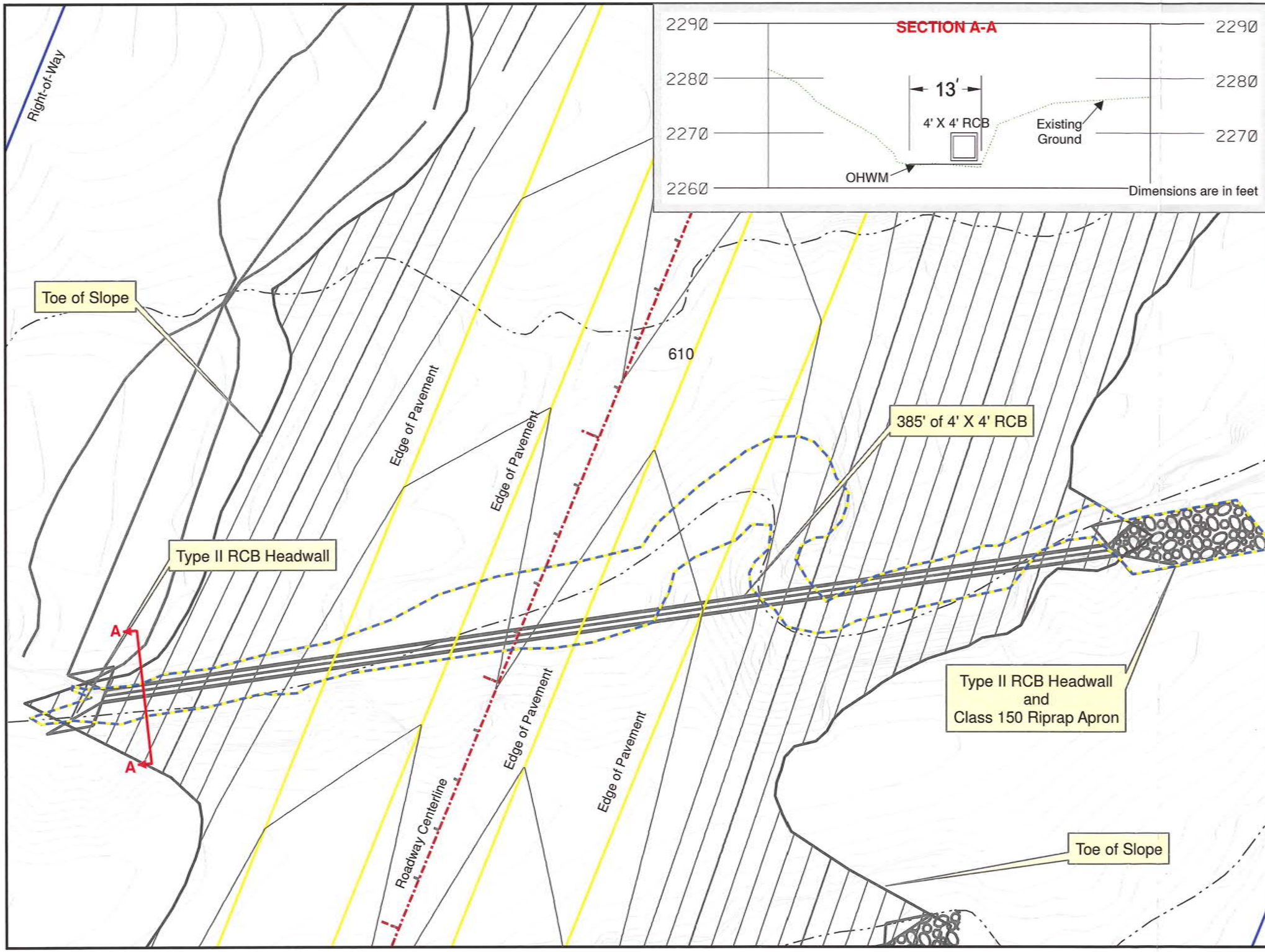
Summary Table

Impacted Area	**0.86**	acres
Dirt Volume	**1500**	cu yd
Concrete Volume	**35.84**	cu yd

N

0 25 50 100
Feet

Wash No. 5



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

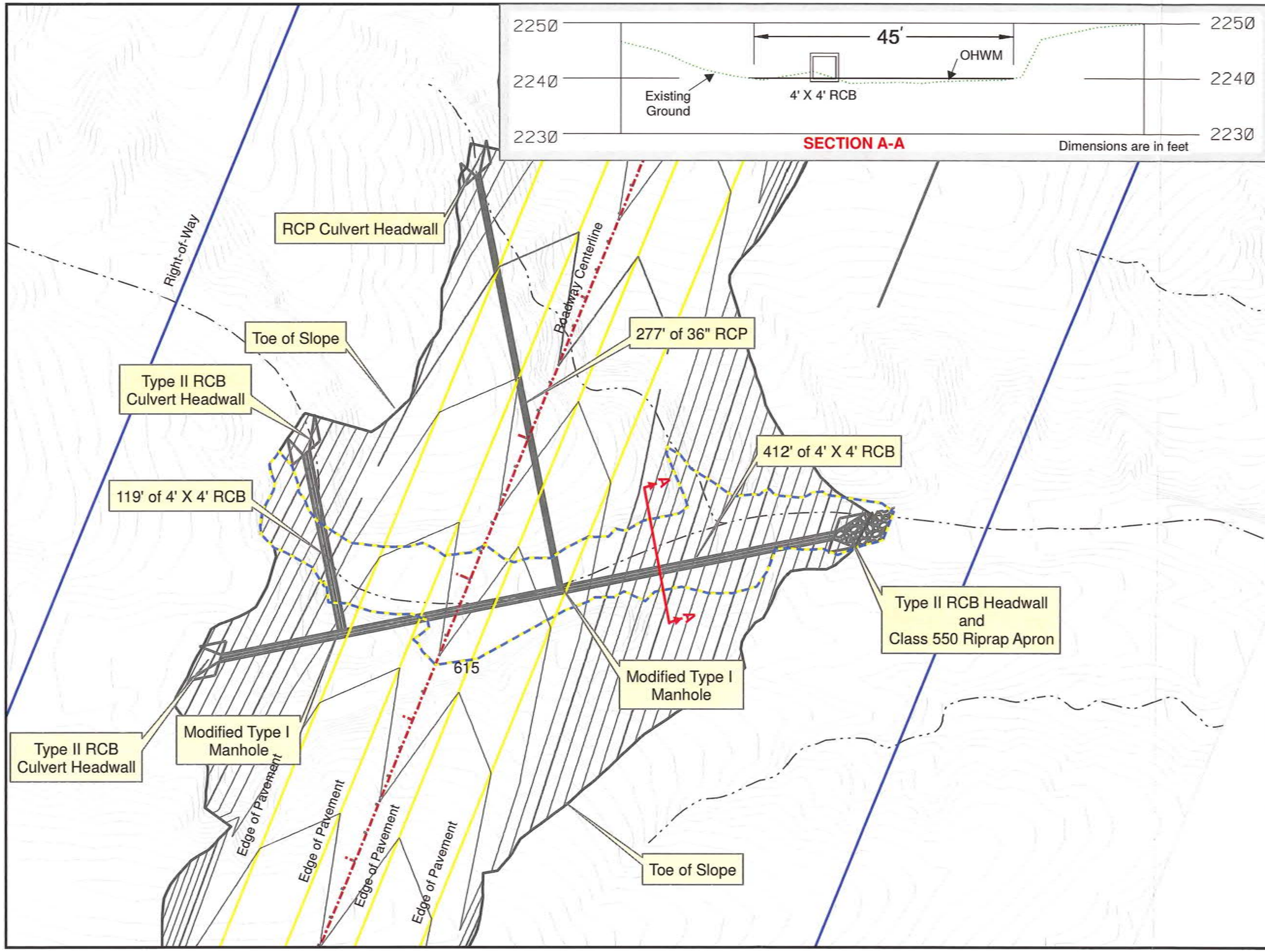
Summary Table

Impacted Area	0.23	acres
Dirt Volume	70	cu yd

N

0 20 40 80
Feet

Wash No. 6



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

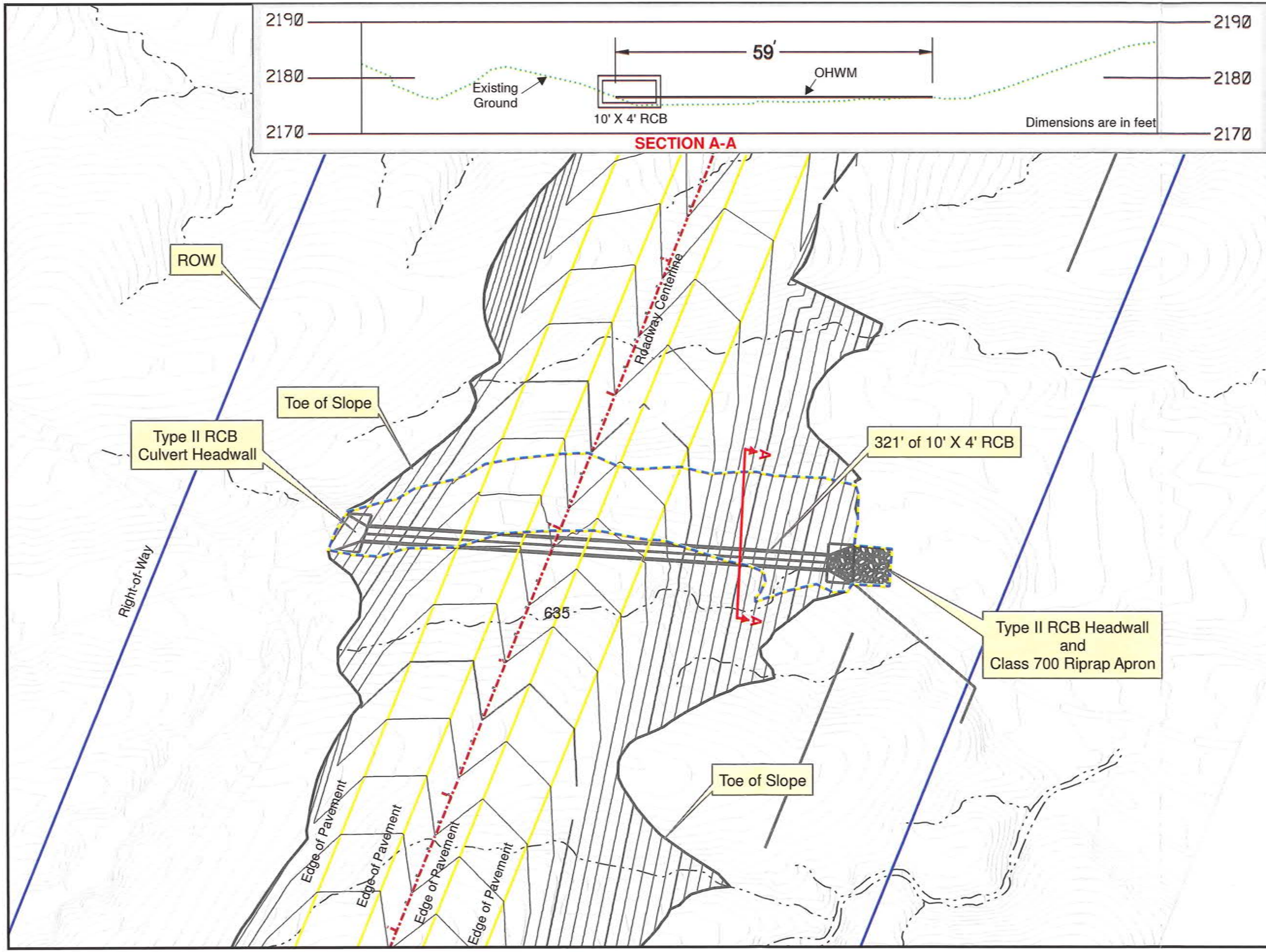
Summary Table

Impacted Area	0.47	acres
Dirt Volume	310	cu yd
Concrete Volume	0.74	cu yd

N

0 25 50 100
Feet

Wash No. 7



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

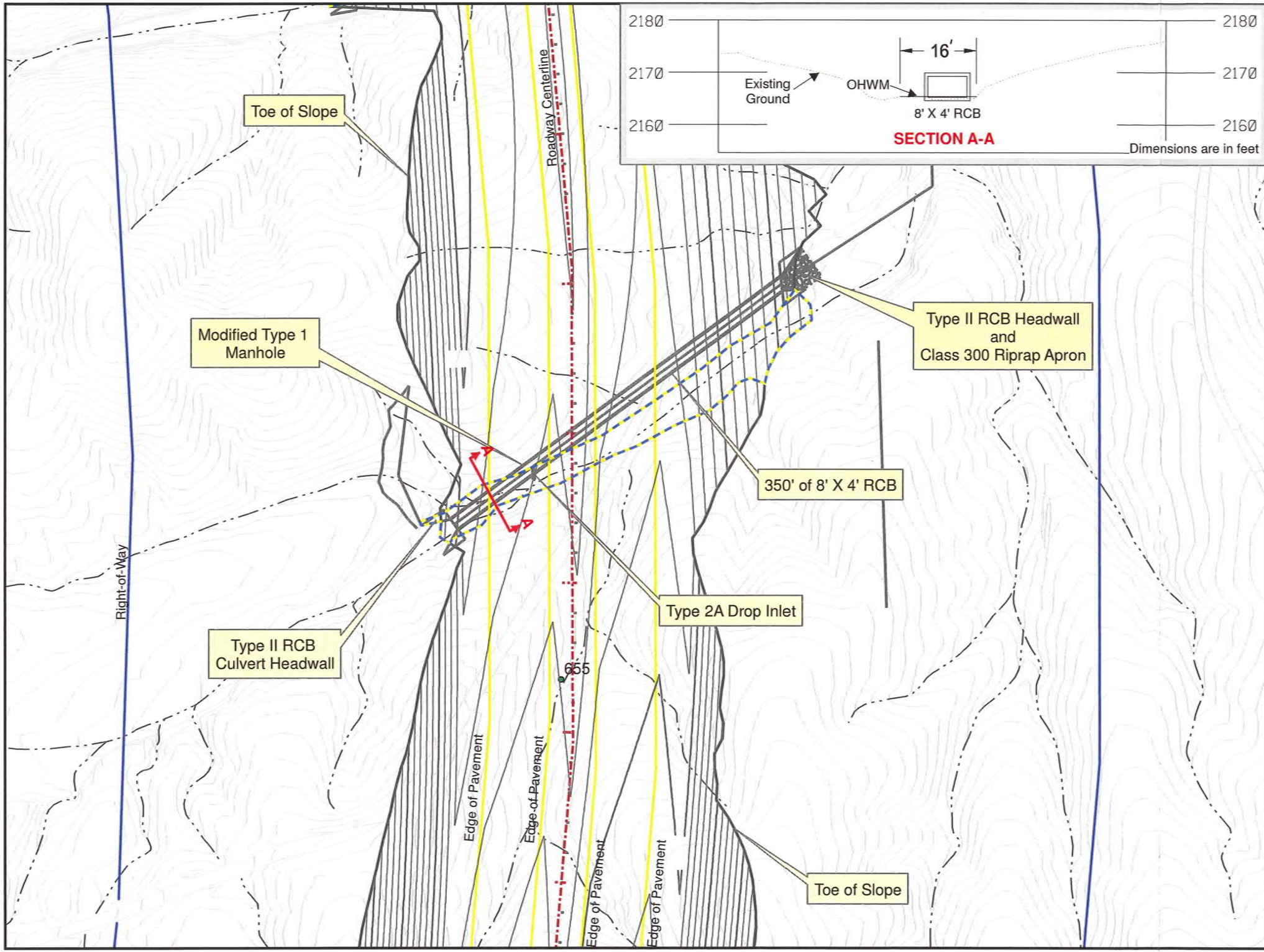
Summary Table

Impacted Area	0.46	acres
Dirt Volume	650	cu yd
Concrete Volume	20.51	cu yd

N

0 25 50 100
Feet

Wash No. 8



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

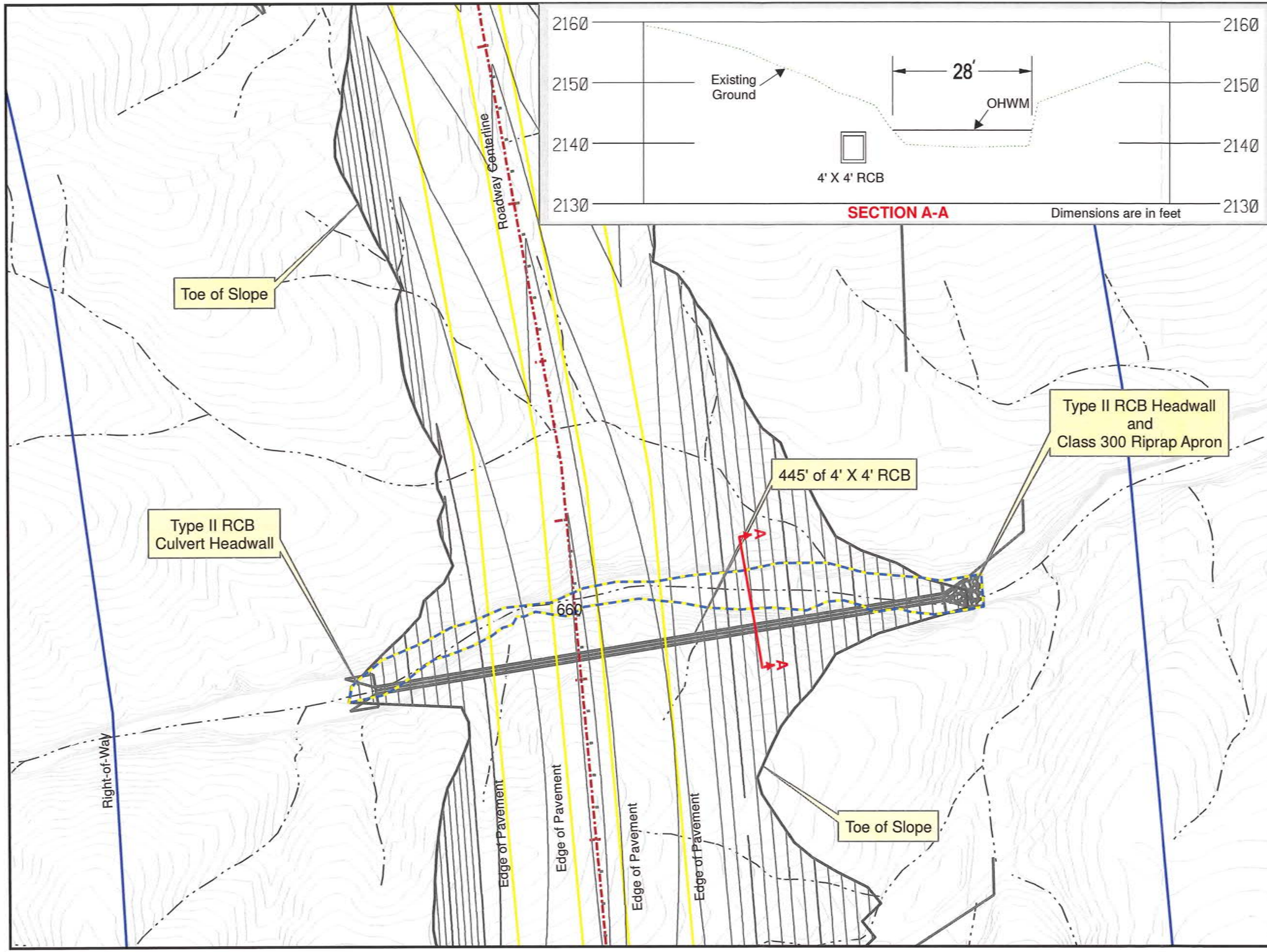
Summary Table

Impacted Area	0.13	acres
Dirt Volume	50	cu yd
Concrete Volume	10.62	cu yd

N

0 25 50 100
Feet

Wash No. 9



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

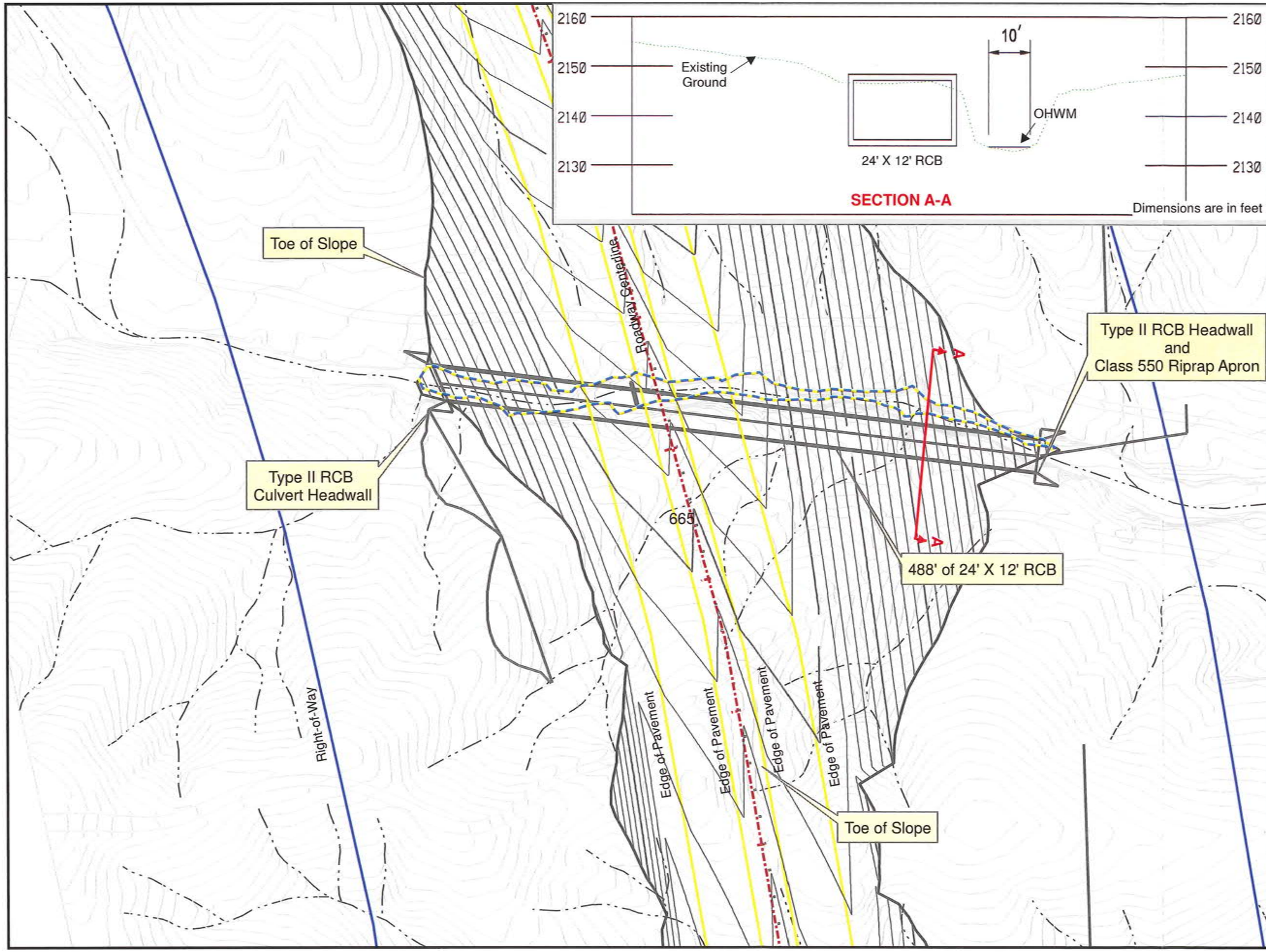
Summary Table

Impacted Area	0.16	acres
Dirt Volume	670	cu yd

N

0 25 50 100
Feet

Wash No. 10



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

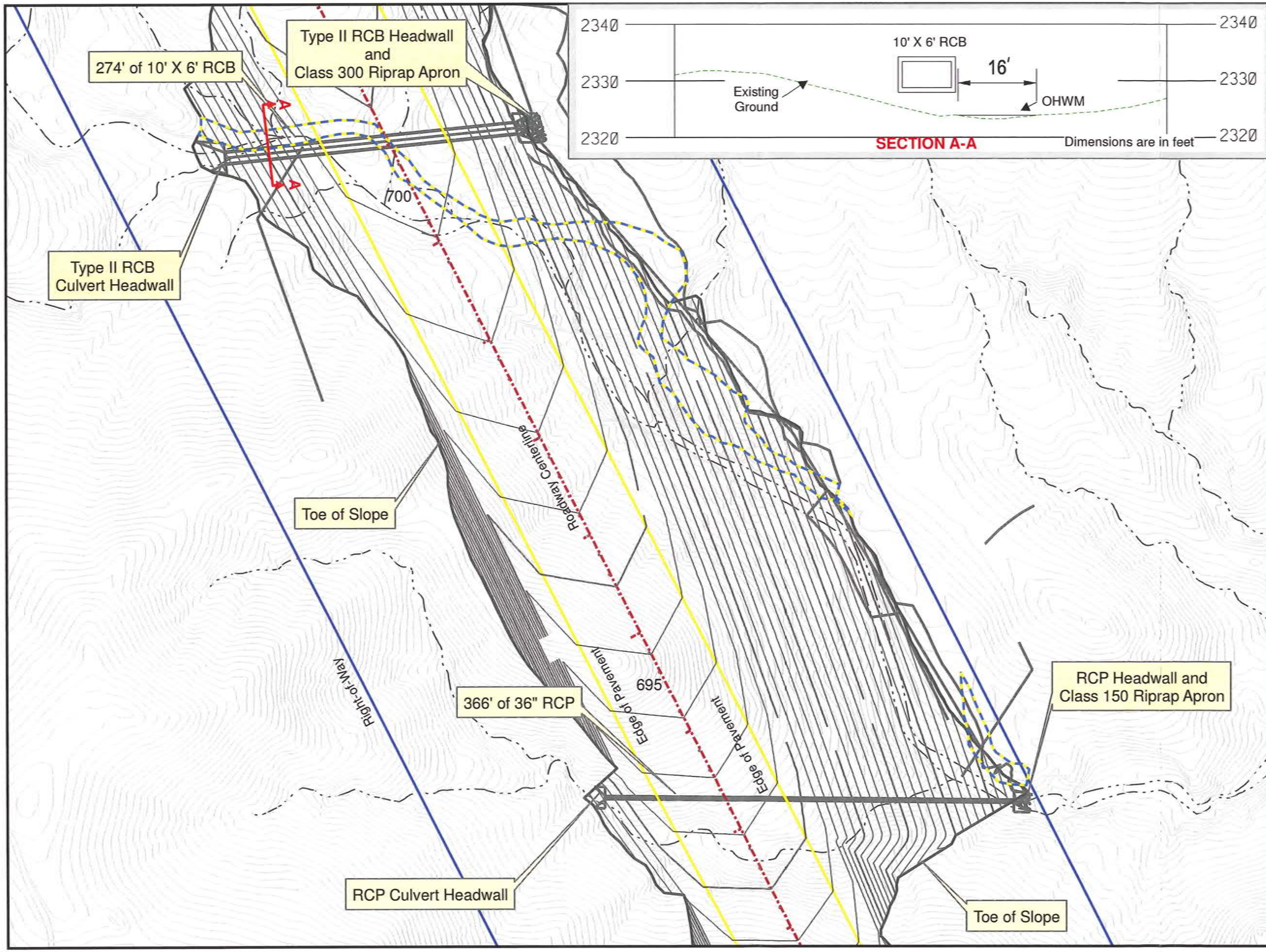
Summary Table

Impacted Area	0.14	acres
Dirt Volume	80	cu yd

N

0 30 60 120
Feet

Wash No. 11



I-11 Boulder City Bypass
Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

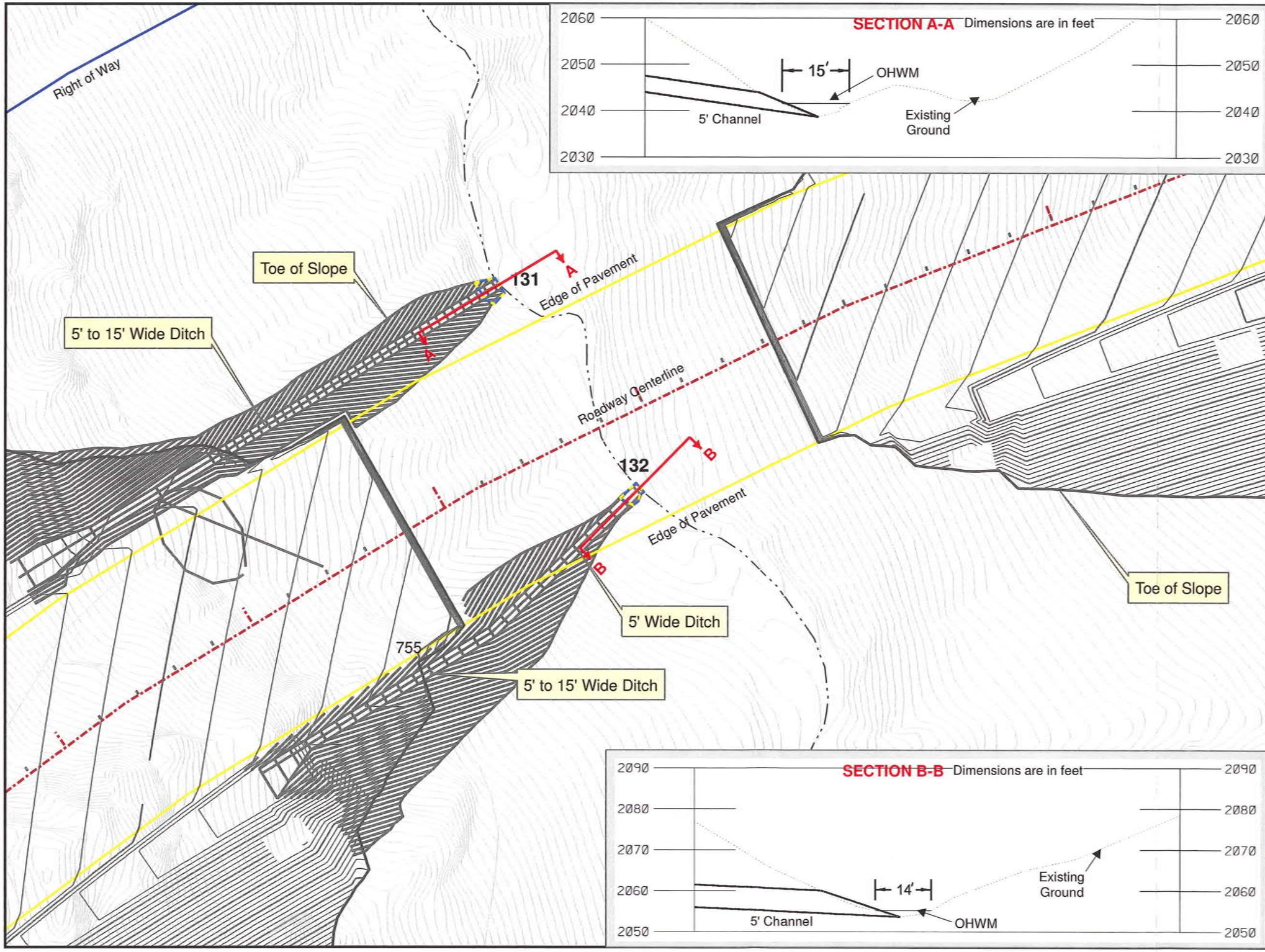
Summary Table

Impacted Area	0.36	acres
Dirt Volume	210	cu yd

N

0 37.5 75 150
Feet

Wash No. 12



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

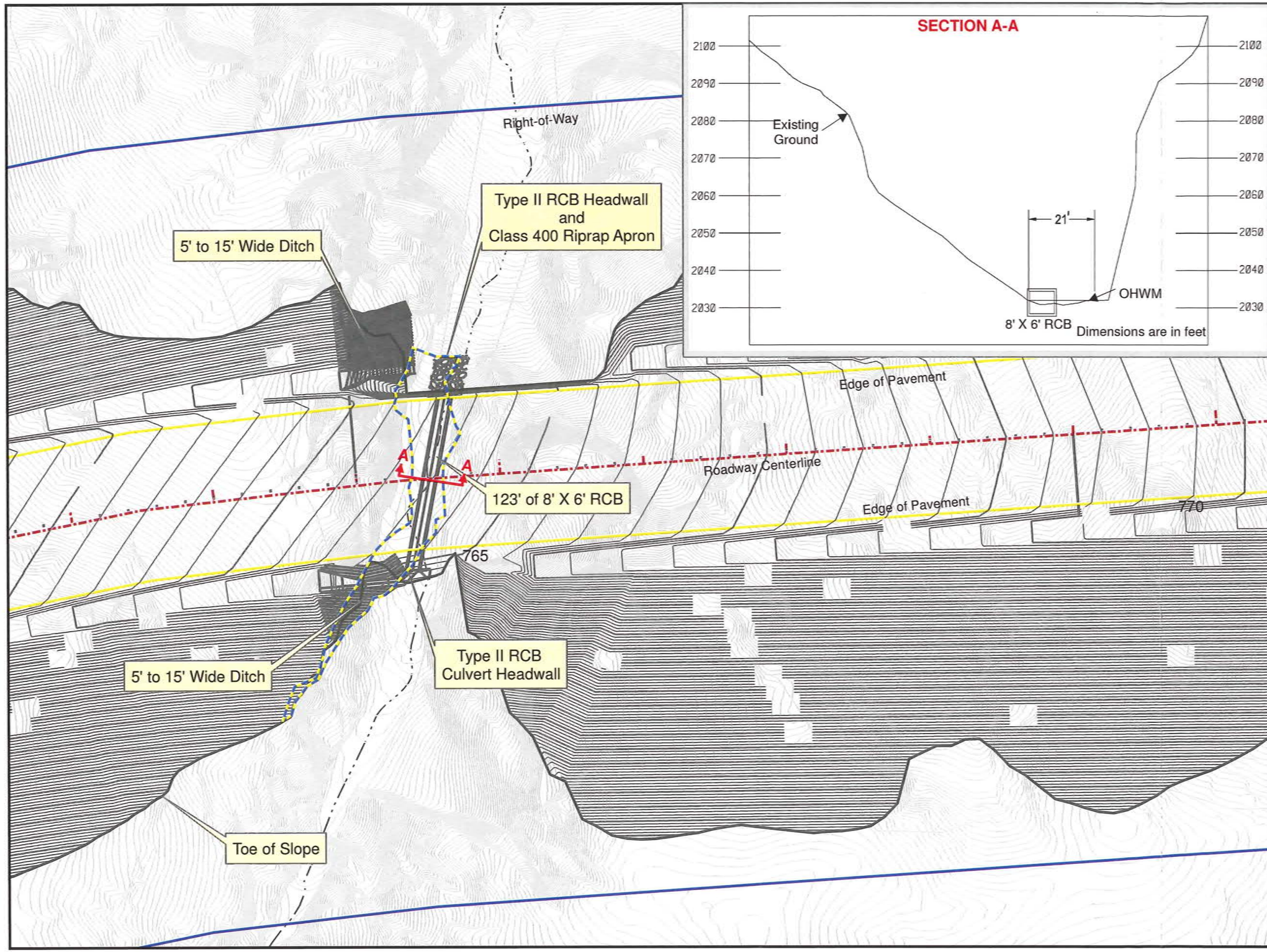
Summary Table

Impacted Area	0.003	acres
Dirt Volume	0.38	cu yd

N

0 15 30 60
Feet

Wash No. 13



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

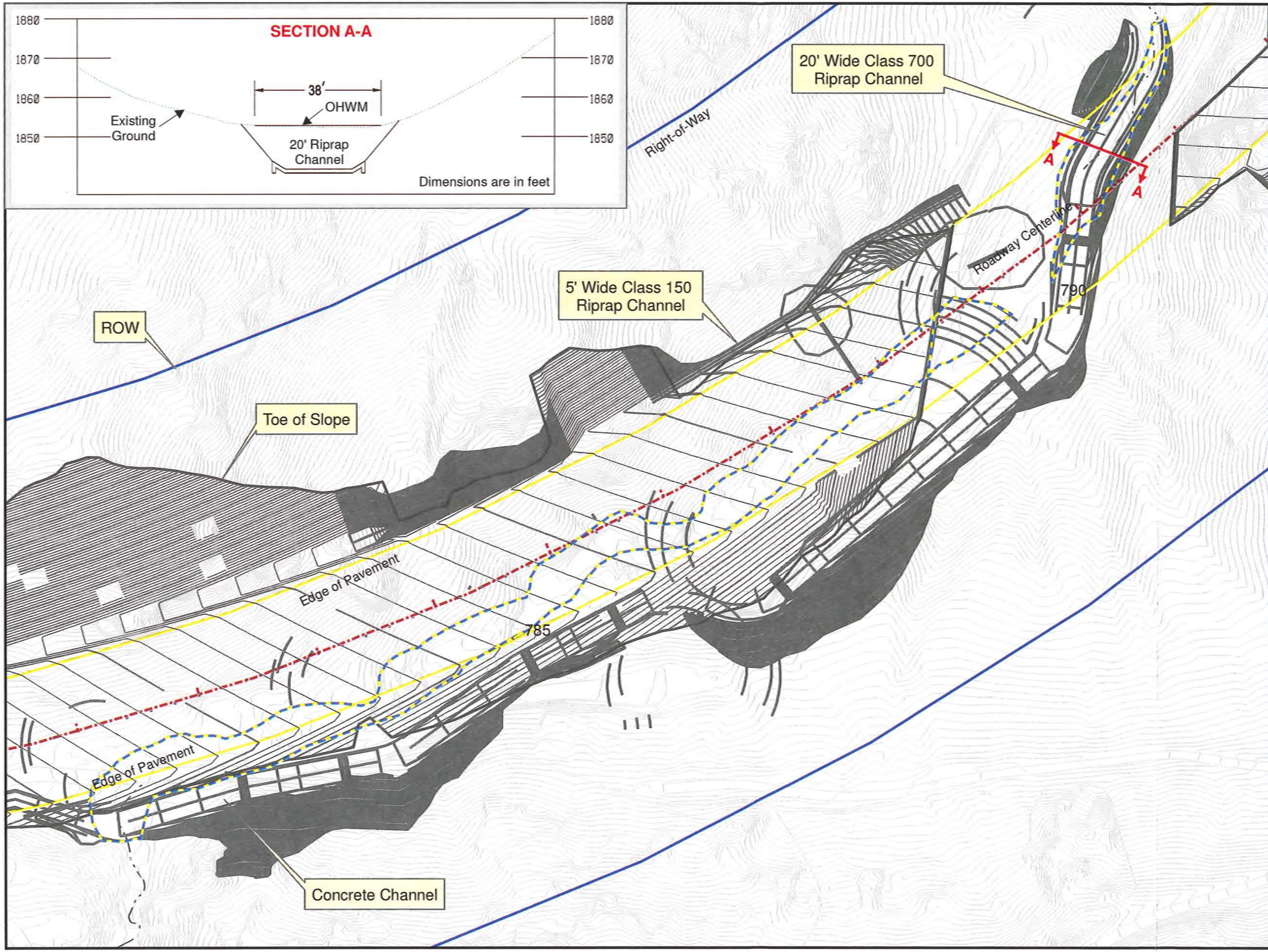
Summary Table

Impacted Area	0.13	acres
Dirt Volume	120	cu yd
Concrete Volume	2.66	cu yd

N

0 25 50 100
Feet

Wash No. 14



I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

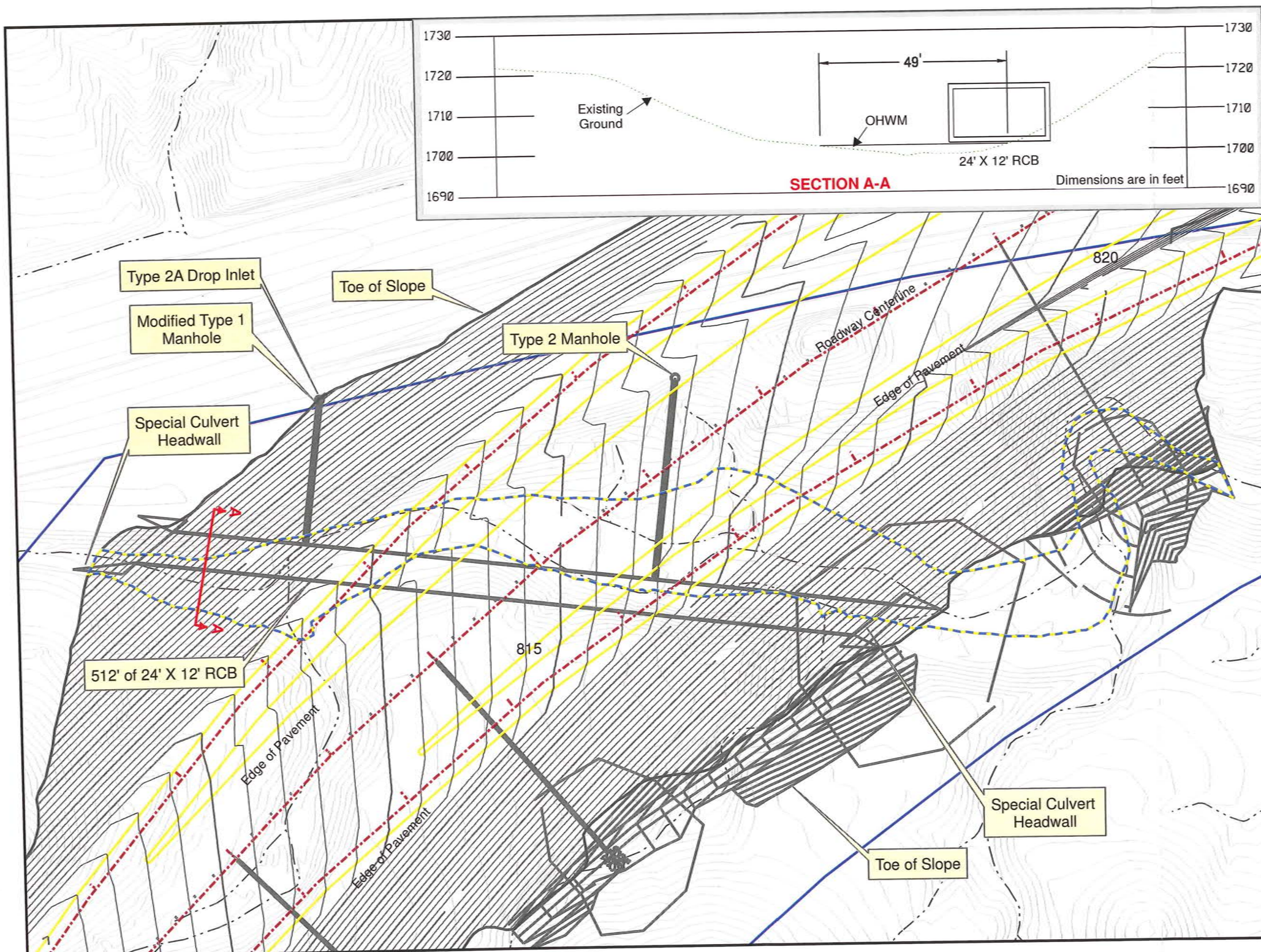
Summary Table

Impacted Area	1.05	acres
Dirt Volume	880	cu yd

N

0 30 60 120
Feet

Wash No. 15



RTC

I-11 Boulder City Bypass Design Build Project

Legend

- Impacted Waters of the US
- Project Boundary
- Culvert
- Centerline
- Edge of Pavement
- Contour
- XXX Stationing

Summary Table

Impacted Area	1.00	acres
Dirt Volume	1810	cu yd

N

0 30 60 120
Feet

Wash No. 16

Vicinity Map
NTS

REGIONAL TRANSPORTATION COMMISSION
RTC
OF SOUTHERN NEVADA

RFP No. 14-011A
PWP-CL-2014-149

Index of Sheets

1	COVER SHEET
2 - 2K	TYPICAL SECTIONS
4 - 4D	LOCATION CONTROL
5 - 56	CONSTRUCTION PLANS
57 - 130	PROFILES
131 - 139	NEVADA INTERCHANGE
140 - 142	NDOT PHASE 1 EMBANKMENT

2014
CONSTRUCTION PLANS FOR
I-11 BOULDER CITY BYPASS DESIGN BUILD PROJECT
PRELIMINARY PLANS

Regional Transportation Commission of Southern Nevada

Approved:

Tina Quigley, General Manager

THE Louis Berger Group, INC.
500 AMIGO COURT, SUITE 100 • LAS VEGAS, NEVADA • 89119
PHONE (702) 736-6532 • FAX (702) 736-0704

AGENCY	PLANS REVIEWED BY	DATE
CENTRAL TELEPHONE COMPANY DBE: CENTURY LINK		
LAS VEGAS VALLEY WATER DISTRICT		
SOUTHWEST GAS CORPORATION		
NEVADA ENERGY [TRANSMISSION]		
NEVADA ENERGY [DISTRIBUTION]		
CLARK COUNTY WATER RECLAMATION DISTRICT		
COX COMMUNICATIONS, LAS VEGAS, INC		
FREEWAY ARTERIAL SYSTEM OF TRANSPORTATION (FAST)		
TW TELECOM, INC.		

AGENCY	PLANS REVIEWED BY	DATE
SOUTHERN NEVADA WATER AUTHORITY		
CLARK COUNTY FIRE DEPARTMENT		

REVISIONS

REV. NO.	DATE	DESCRIPTION	APPROVED

PRELIMINARY
4 / 14 / 2014
NOT FOR CONSTRUCTION

COVER SHEET
SHEET No. 1
Sheet 1 of 157

BID No. :

I-11 BOULDER CITY BYPASS DESIGN BUILD PROJECT

REVISED TO 4-14-2014 - US SURVEY FEET

PRELIMINARY
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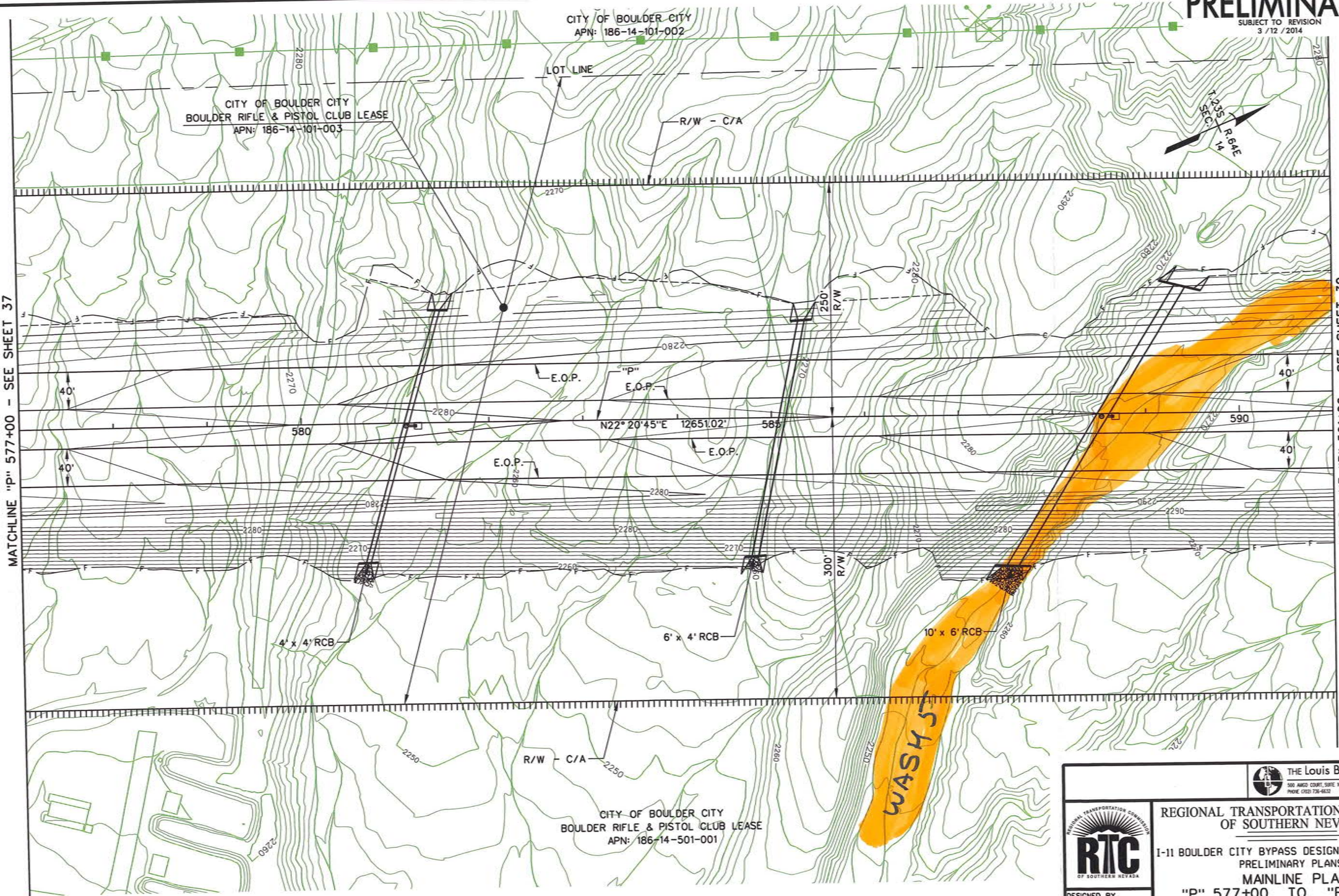
3 /12 /2014

SHEET NO. 38



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I-11 BOULDER CITY BYPASS DESIGN BUILD PROJECT
PRELIMINARY PLANS

MAINLINE PLAN
"P" 577+00 TO "P" 591+00

RFP No. 14-011A

PWP-CL-2014-149

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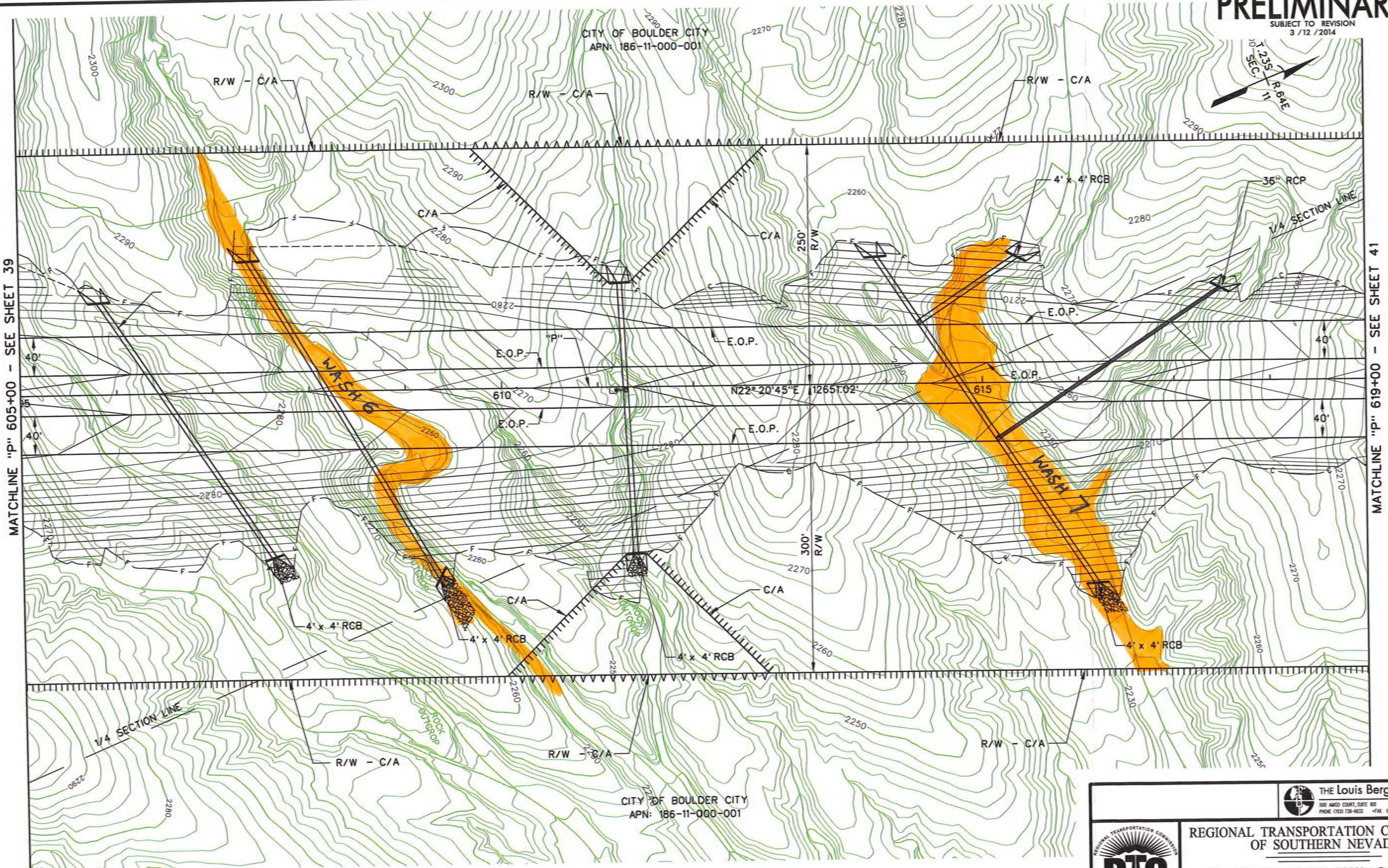
3 /12 /2014

SHEET NO. 40



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PRELIMINARY PLANS
MAINLINE PLAN
"P" 605+00 TO "P" 619+00

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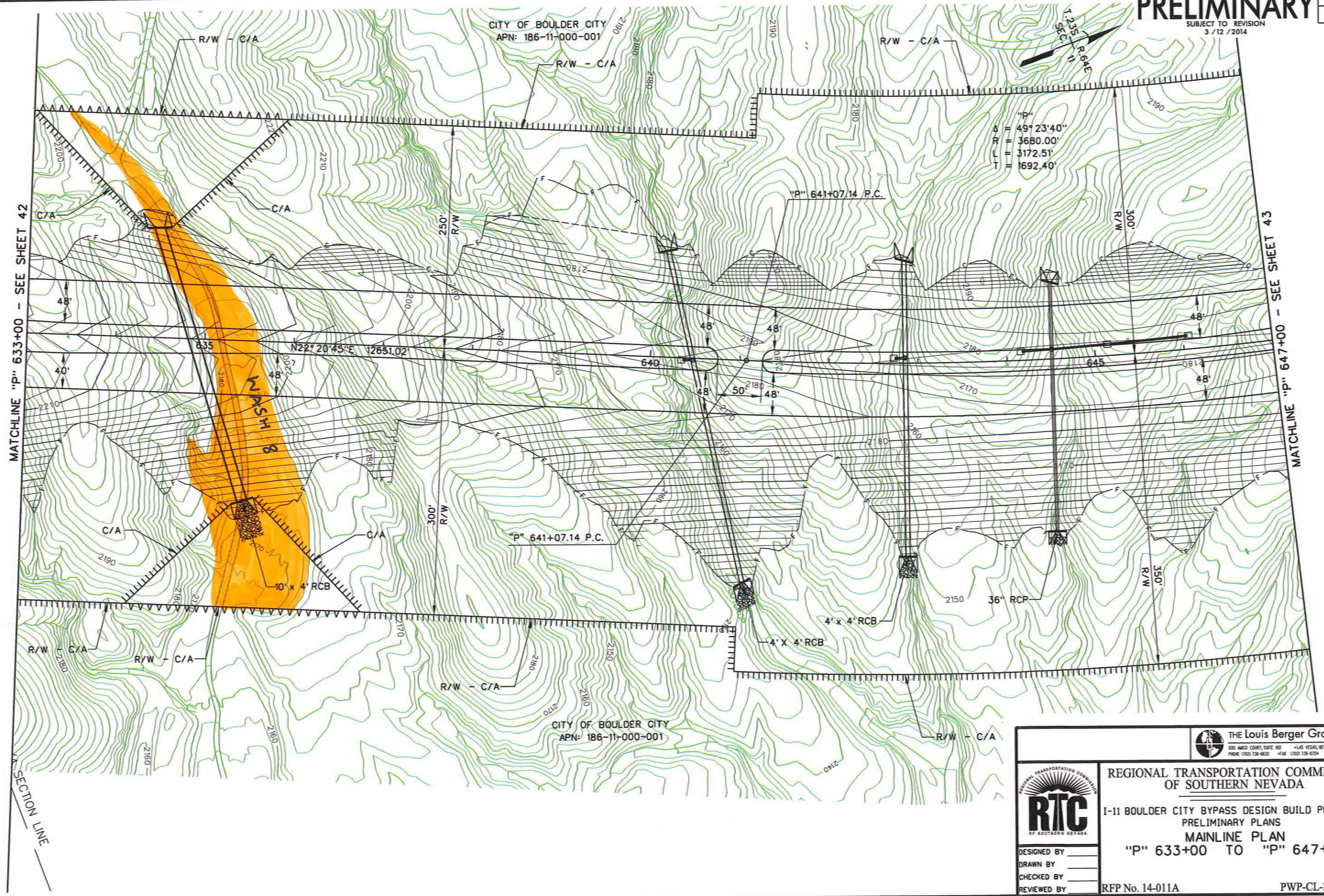
3 /12 /2014

SHEET NO. 42



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PRELIMINARY PLANS

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"P" 633+00 TO "P" 647+00

RFP No. 14-011A

PWP-CL-2014-149

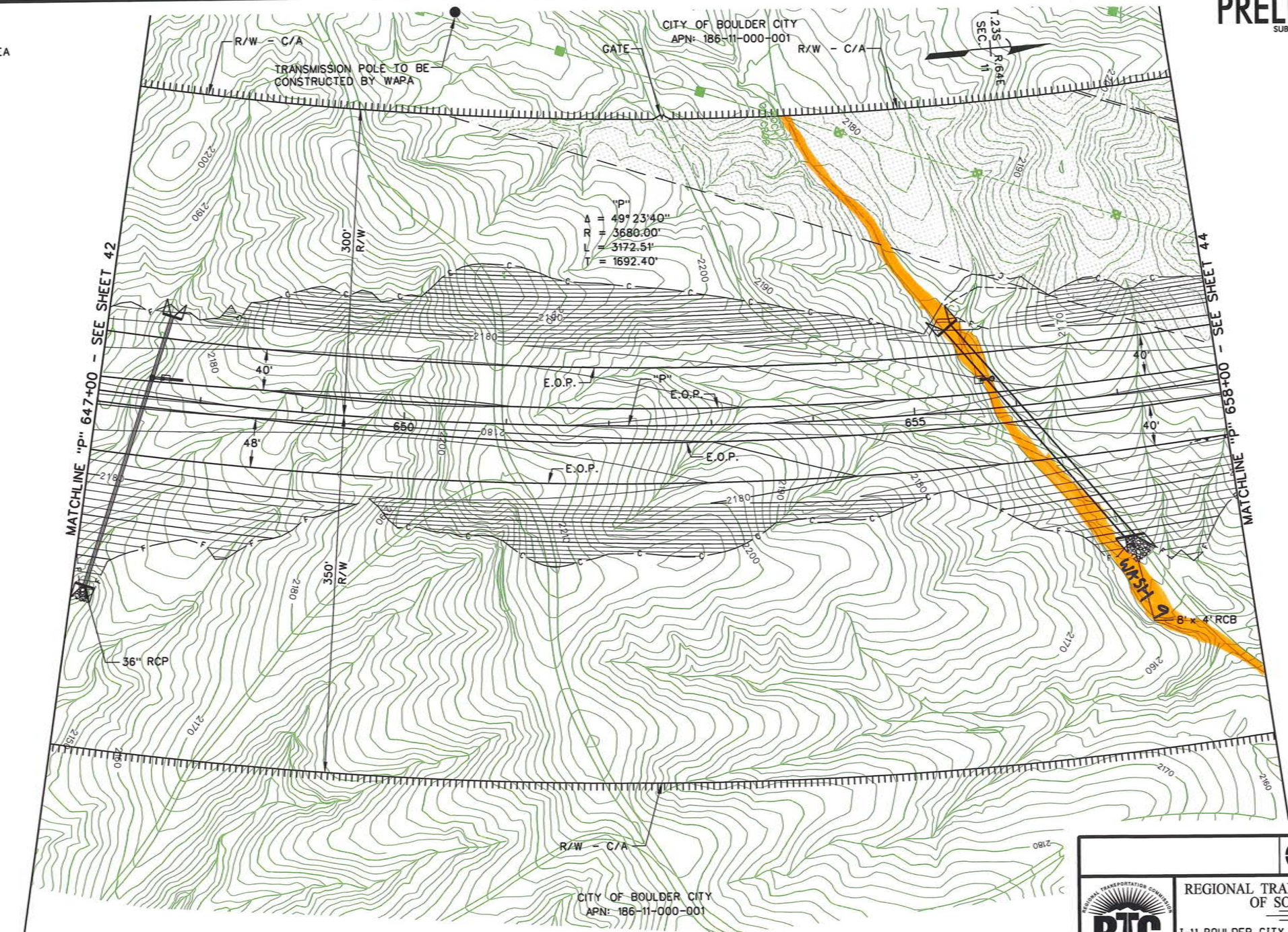
PRELIMINARY

SUBJECT TO REVISION
3 /12 /2014

SHEET NO. 43

LEGEND:

LICENSE AREA



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PRELIMINARY PLANS

MAINLINE PLAN
"P" 647+00 TO "P" 658+00

RFP No. 14-011A

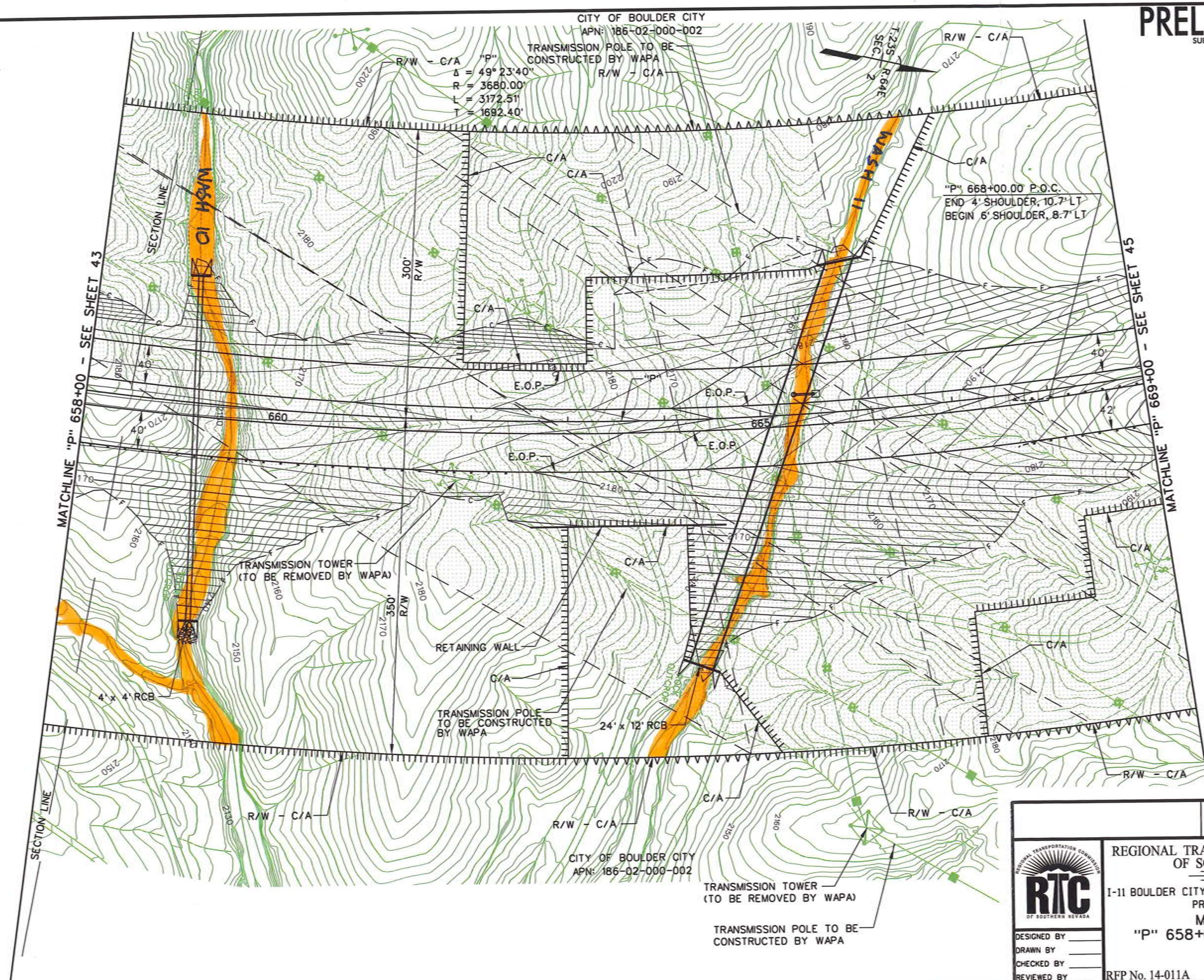
PWP-CL-2014-149

PRELIMINARY
SUBJECT TO REVISION
3 /12 /2014

SHEET NO. 44

LEGEND:

LICENSE AREA



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I-11 BOULDER CITY BYPASS DESIGN BUILD PROJECT
PRELIMINARY PLANS

MAINLINE PLAN
"P" 658+00 TO "P" 661+00

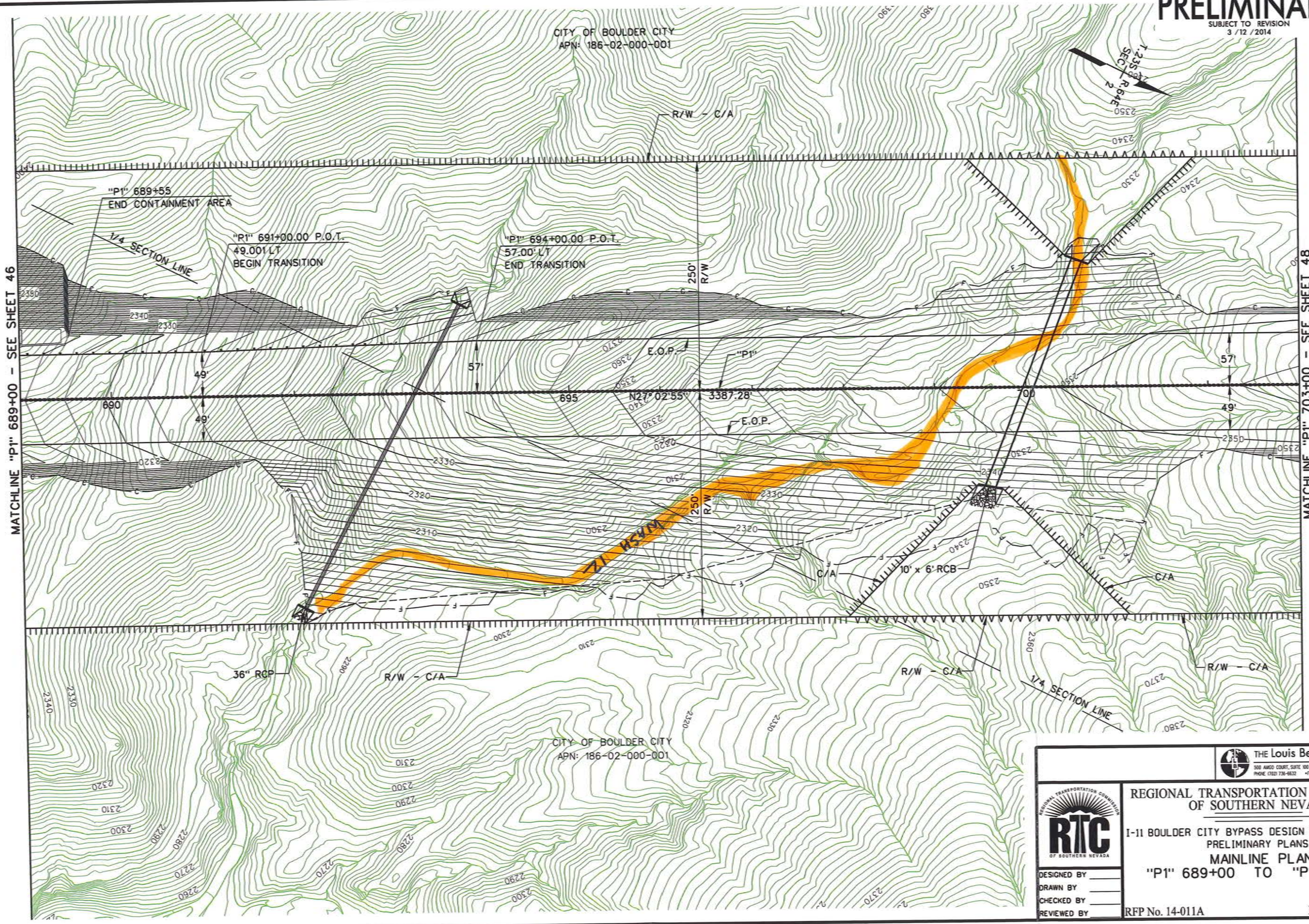
RFP No. 14-011A

PWP-CL-2014-149

PRELIMINARY

SUBJECT TO REVISION
3 /12 /2014

SHEET NO. 47



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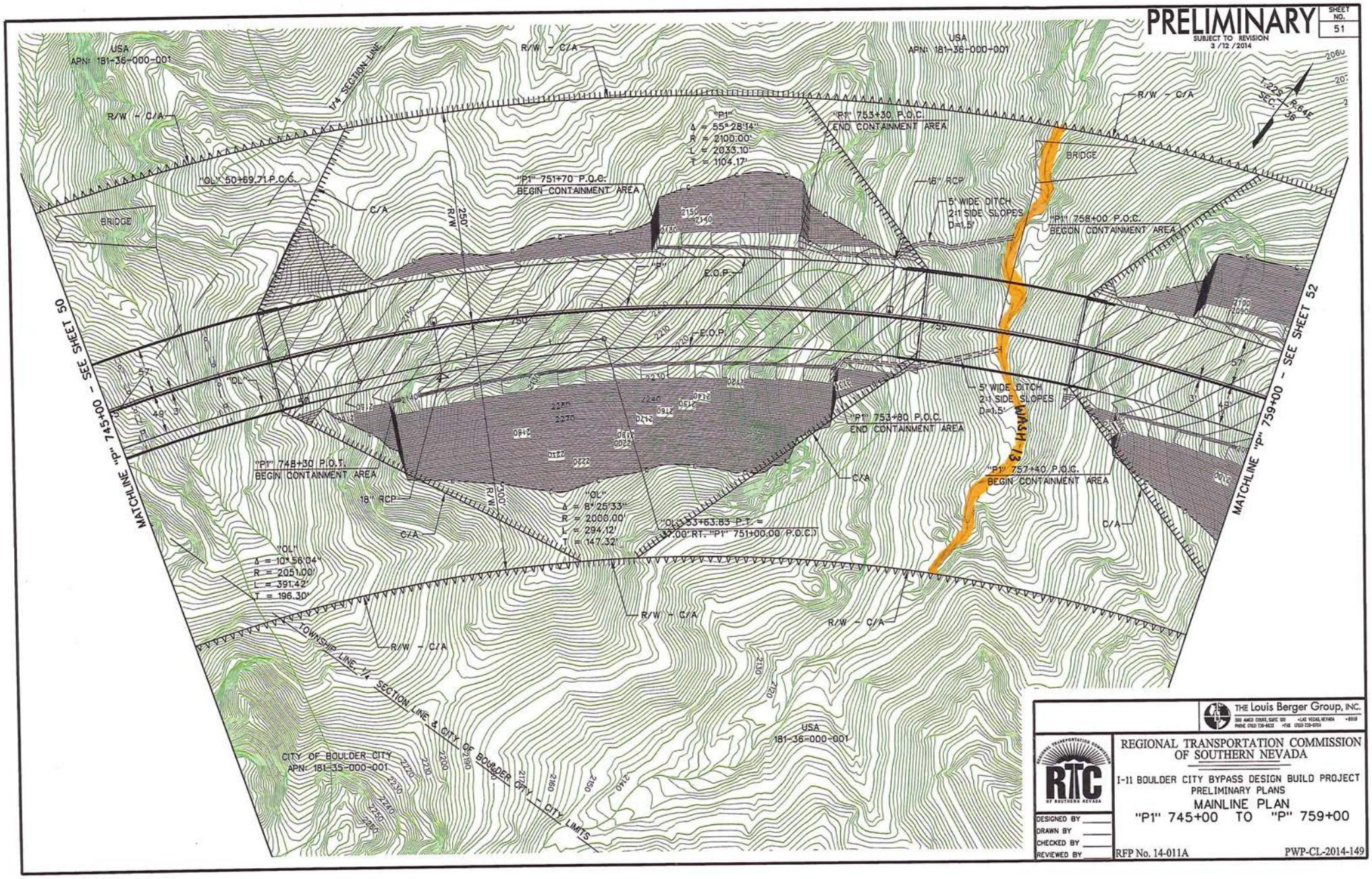
PRELIMINARY PLANS

MAINLINE PLAN
"P1" 689+00 TO "P" 703+00

RFP No. 14-011A

PWP-CL-2014-149


PRELIMINARY
SUBJECT TO REVISION
3/12/2014
SHEET NO. 51
USA
APN: 181-36-000-001
R/W - C/A
1/4 SECTION LINE
"OL" 50+69.71 P.C.C.
BRIDGE
C/A
"P1" 751+70 P.O.C.
BEGIN CONTAINMENT AREA
"P1"
Δ = 55°28'14"
R = 2100.00'
L = 2033.10'
T = 1104.17'
"P1" 753+30 P.O.C.
END CONTAINMENT AREA
18" RCP
5' WIDE DITCH
2:1 SIDE SLOPES
D=1.5'
"P1" 758+00 P.O.C.
BEGON CONTAINMENT AREA
T.22S. R.64E.
SEC. 36
E.O.P.
MATCHLINE "P" 745+00 - SEE SHEET 50
MATCHLINE "P" 759+00 - SEE SHEET 52
"P1" 748+30 P.O.T.
BEGIN CONTAINMENT AREA
"P1" 753+80 P.O.C.
END CONTAINMENT AREA
"P1" 757+40 P.O.C.
BEGIN CONTAINMENT AREA
WASH 13
"OL"
Δ = 8°25'33"
R = 2000.00'
L = 294.12'
T = 147.32'
"OL" 53+63.83 P.T. =
37.00' RT. "P1" 751+00.00 P.O.C.)
"OL"
Δ = 10°56'04"
R = 2051.00'
L = 391.42'
T = 196.30'
TOWNSHIP LINE, 1/4 SECTION LINE & CITY OF BOULDER CITY - CITY LIMITS
CITY OF BOULDER CITY
APN: 181-35-000-001
USA
181-36-000-001
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REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA
RTC
I-11 BOULDER CITY BYPASS DESIGN BUILD PROJECT
PRELIMINARY PLANS
MAINLINE PLAN
"P1" 745+00 TO "P" 759+00
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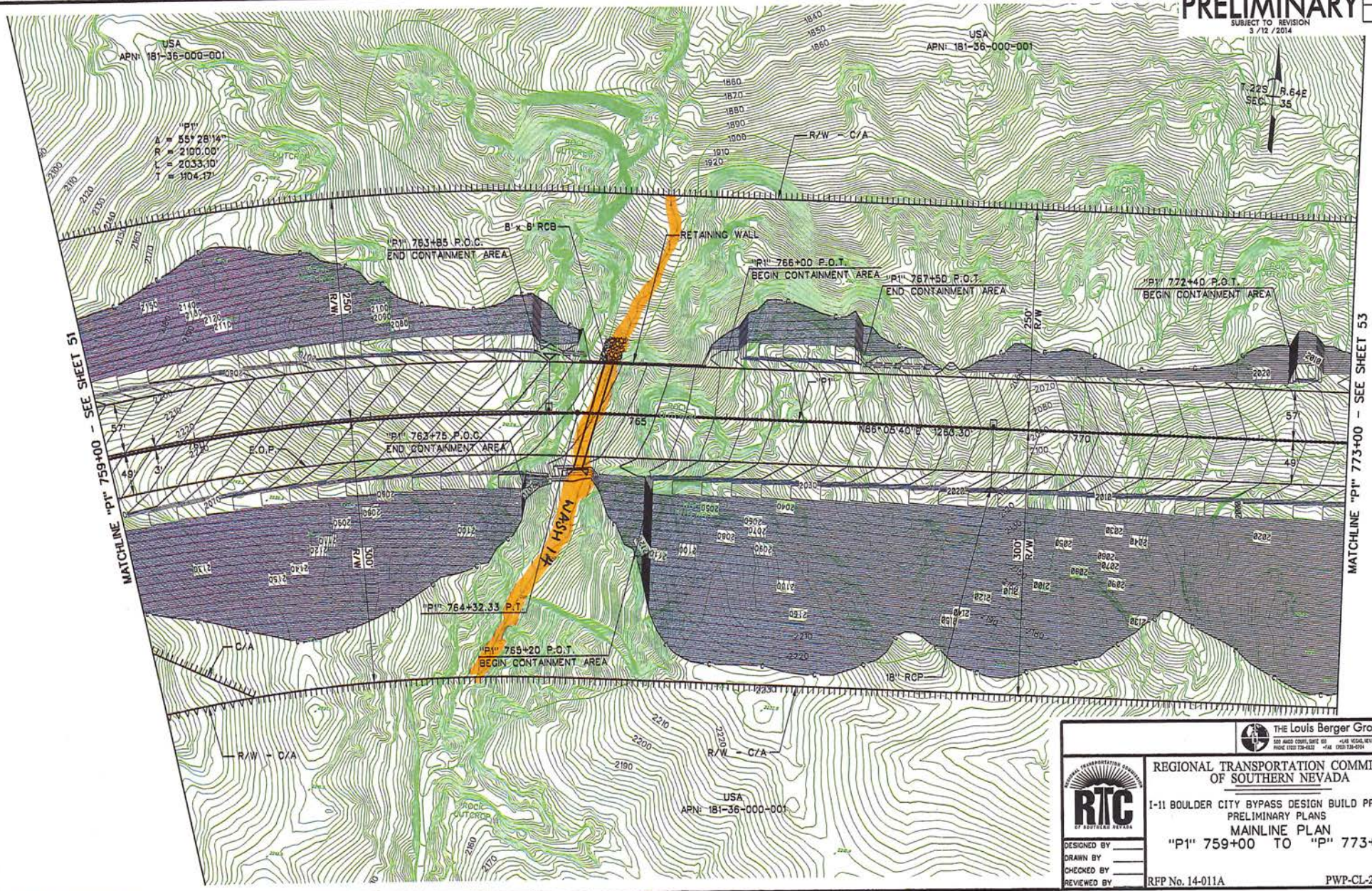
PWP-CL-2014-149


PRELIMINARY
SUBJECT TO REVISION
3 /12 /2014
SHEET NO. 52
USA
APN: 181-36-000-001
"P1"
Δ = 55°28'14"
R = 2100.00'
L = 2033.10'
T = 1104.17'
T.22S R.64E
SEC. 35
R/W - C/A
8' x 8' RCB
RETAINING WALL
"P1" 763+85 P.O.C.
END CONTAINMENT AREA
"P1" 766+00 P.O.T.
BEGIN CONTAINMENT AREA
"P1" 767+50 P.O.T.
END CONTAINMENT AREA
"P1" 772+40 P.O.T.
BEGIN CONTAINMENT AREA
"P1" 763+75 P.O.C.
END CONTAINMENT AREA
N66°05'40"E 1266.30'
E.O.P.
WASH 14
"P1" 764+32.33 P.T.
"P1" 765+20 P.O.T.
BEGIN CONTAINMENT AREA
18" RCP
ROCK OUTCROP
MATCHLINE "P1" 759+00 - SEE SHEET 51
MATCHLINE "P1" 773+00 - SEE SHEET 53
THE Louis Berger Group, INC.
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I-11 BOULDER CITY BYPASS DESIGN BUILD PROJECT
PRELIMINARY PLANS
MAINLINE PLAN
"P1" 759+00 TO "P" 773+00
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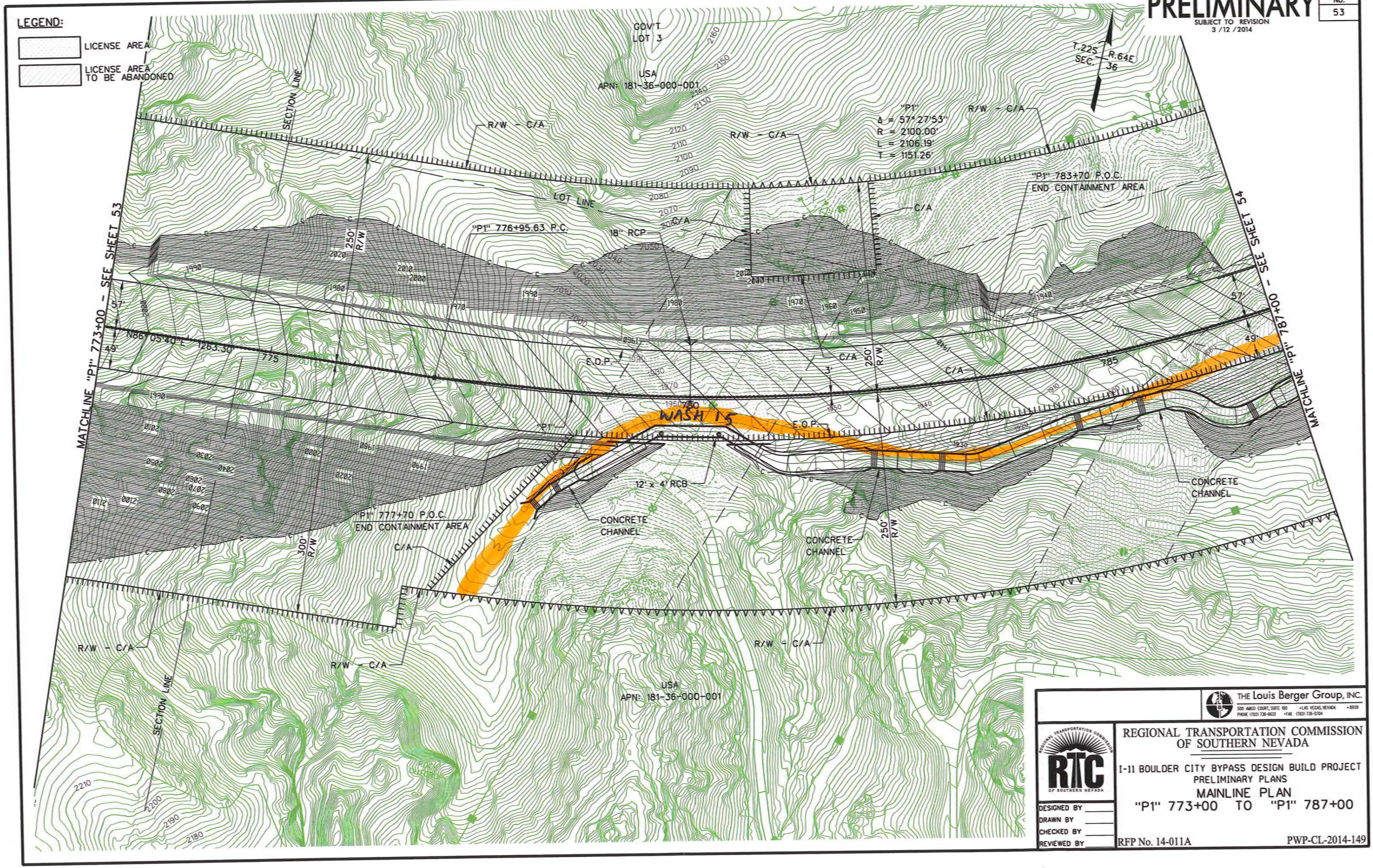
PWP-CL-2014-149

PRELIMINARY

SUBJECT TO REVISION
3 /12 /2014

SHEET NO. 53



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I-11 BOULDER CITY BYPASS DESIGN BUILD PROJECT
PRELIMINARY PLANS
MAINLINE PLAN
"P1" 773+00 TO "P1" 787+00

DESIGNED BY
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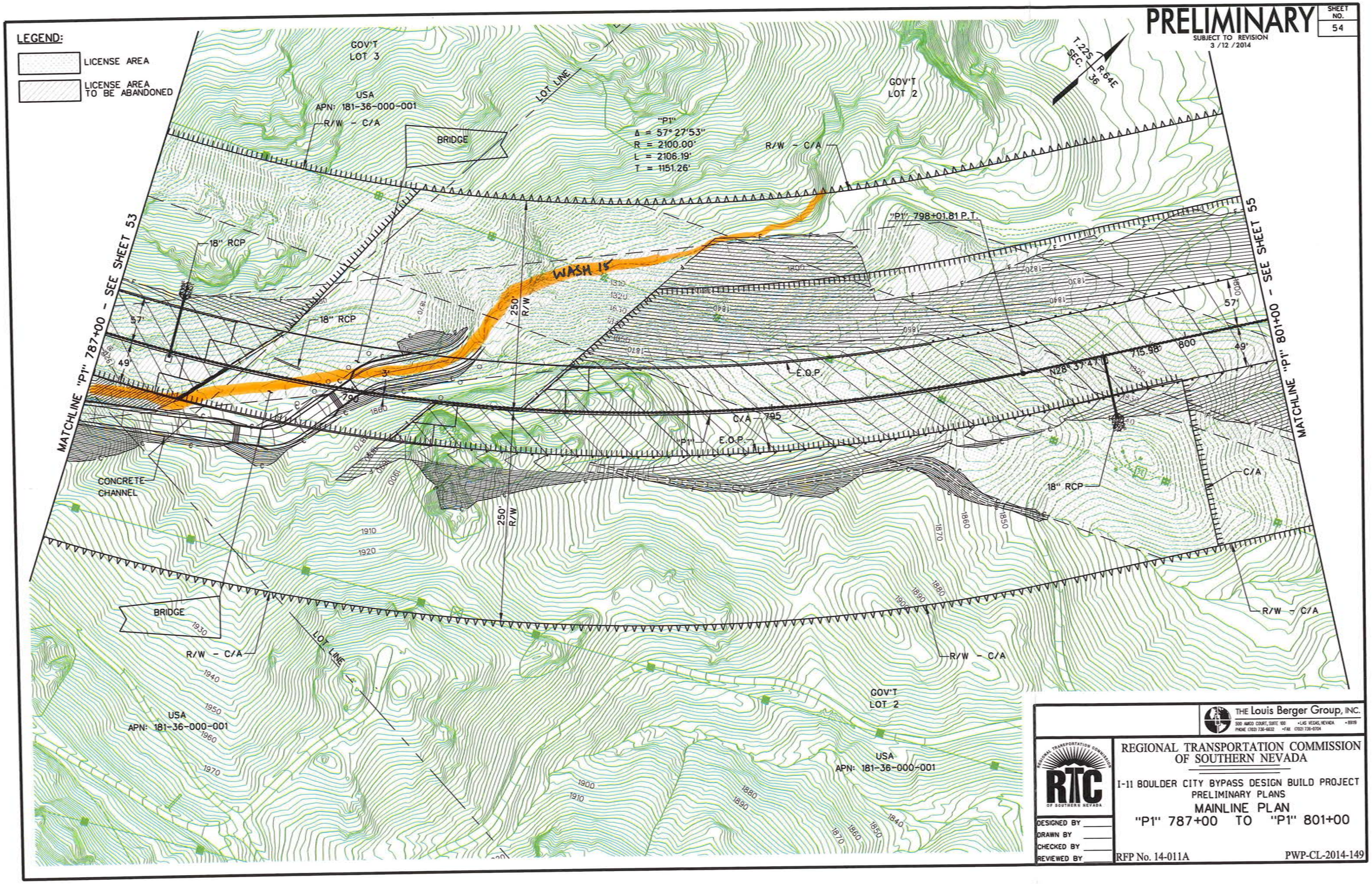
RFP No. 14-011A

PWP-CL-2014-149


PRELIMINARY
SUBJECT TO REVISION
3/12/2014
SHEET NO. 54
LEGEND:
LICENSE AREA
LICENSE AREA TO BE ABANDONED
GOV'T LOT 3
USA
APN: 181-36-000-001
R/W - C/A
BRIDGE
LOT LINE
"P1"
Δ = 57° 27'53"
R = 2100.00'
L = 2106.19'
T = 1151.26'
GOV'T LOT 2
T.22S
SEC. 36
R.64E
"P1" 798+01.81 P.T.
WASH 15
18" RCP
250' R/W
MATCHLINE "P1" 787+00 - SEE SHEET 53
MATCHLINE "P1" 801+00 - SEE SHEET 55
57'
49'
E.O.P.
C/A 795
"P1"
N28° 37' 47"
715.98'
800
CONCRETE CHANNEL
C/A
GOV'T LOT 2
USA
APN: 181-36-000-001
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RTC
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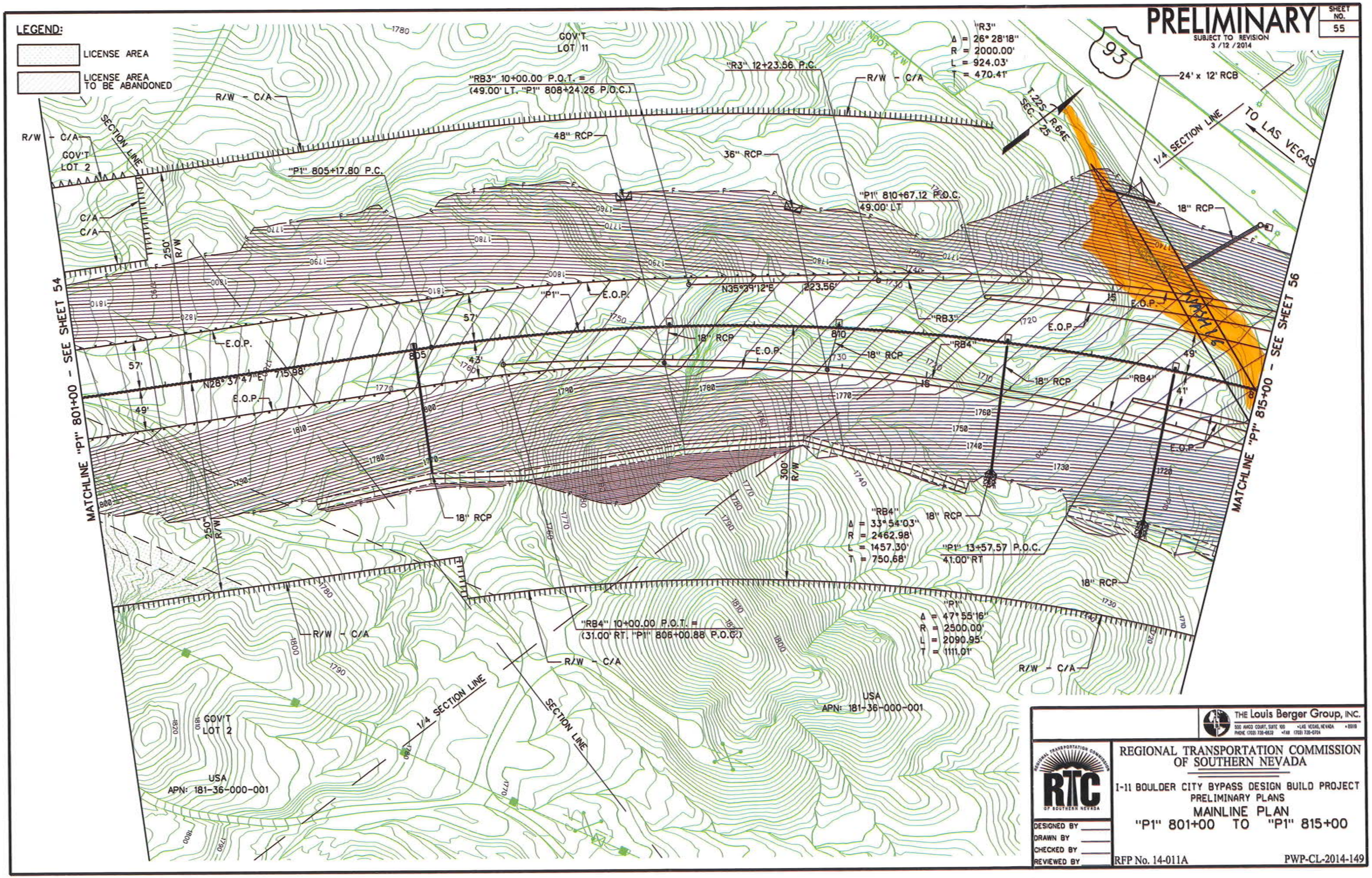
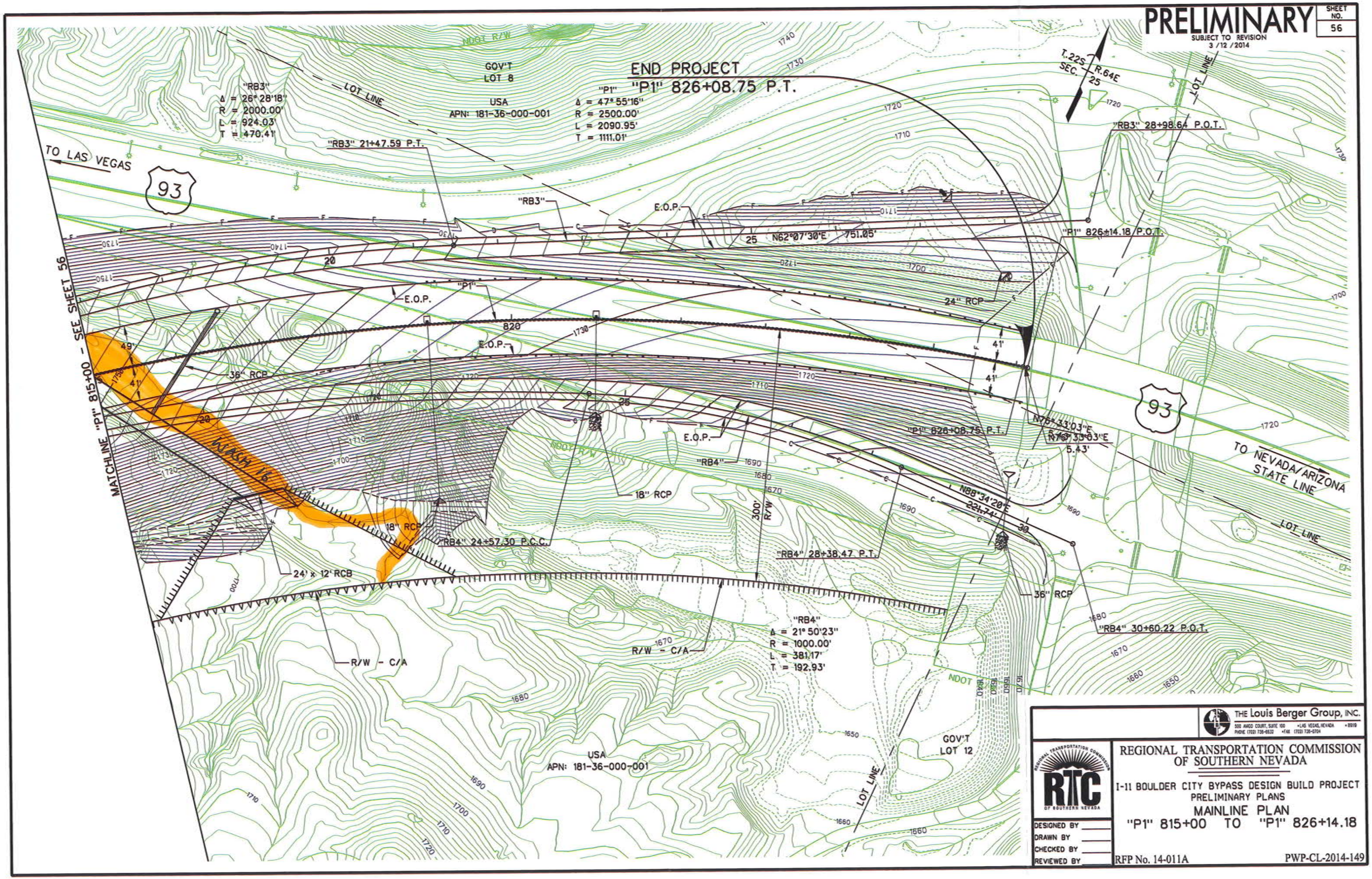
PRELIMINARY PLANS
MAINLINE PLAN
"P1" 787+00 TO "P1" 801+00
DESIGNED BY
DRAWN BY
CHECKED BY
REVIEWED BY
RFP No. 14-011A
PWP-CL-2014-149



PRELIMINARY
SUBJECT TO REVISION
3/12/2014
SHEET NO. 55
LEGEND:
LICENSE AREA
LICENSE AREA TO BE ABANDONED
GOV'T LOT 11
"R3"
Δ = 26° 28'18"
R = 2000.00'
L = 924.03'
T = 470.41'
"RB3" 10+00.00 P.O.T. =
(49.00' LT. "P1" 808+24.26 P.O.C.)
"R3" 12+23.56 P.C.
R/W - C/A
24' x 12' RCB
TO LAS VEGAS
1/4 SECTION LINE
SECTION LINE
GOV'T LOT 2
48" RCP
36" RCP
"P1" 805+17.80 P.C.
"P1" 810+67.12 P.O.C.
49.00' LT
18" RCP
N35°39'12"E 223.56'
"P1"
E.O.P.
"RB3"
"RB4"
N28°37'47"E 715.98'
MATCHLINE "P1" 801+00 - SEE SHEET 54
MATCHLINE "P1" 815+00 - SEE SHEET 56
"RB4"
Δ = 33°54'03"
R = 2462.98'
L = 1457.30'
T = 750.68'
"P1" 13+57.57 P.O.C.
41.00' RT
"P1"
Δ = 47°55'16"
R = 2500.00'
L = 2090.95'
T = 1111.01'
"RB4" 10+00.00 P.O.T. =
(31.00' RT. "P1" 806+00.88 P.O.C.)
USA
APN: 181-36-000-001
GOV'T LOT 2
USA
APN: 181-36-000-001
THE Louis Berger Group, INC.
REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA
I-11 BOULDER CITY BYPASS DESIGN BUILD PROJECT
PRELIMINARY PLANS
MAINLINE PLAN
"P1" 801+00 TO "P1" 815+00
DESIGNED BY
DRAWN BY
CHECKED BY
REVIEWED BY
RFP No. 14-011A
PWP-CL-2014-149


PRELIMINARY
SUBJECT TO REVISION
3 /12 /2014
SHEET NO.
56
END PROJECT
"P1" 826+08.75 P.T.
"RB3"
Δ = 26°28'18"
R = 2000.00'
L = 924.03'
T = 470.41'
"P1"
Δ = 47°55'16"
R = 2500.00'
L = 2090.95'
T = 1111.01'
GOV'T
LOT 8
USA
APN: 181-36-000-001
LOT LINE
NDOT R/W
TO LAS VEGAS
93
"RB3" 21+47.59 P.T.
"RB3" 28+98.64 P.O.T.
"P1" 826+14.18 P.O.T.
N62°07'30"E 751.05'
E.O.P.
24" RCP
36" RCP
18" RCP
24' x 12' RCB
"RB4" 24+57.30 P.C.C.
"RB4" 28+38.47 P.T.
"RB4" 30+60.22 P.O.T.
"RB4"
Δ = 21°50'23"
R = 1000.00'
L = 381.17'
T = 192.93'
R/W - C/A
300' R/W
N76°33'03"E 5.43'
N88°34'20"E 221.74'
TO NEVADA/ARIZONA STATE LINE
MATCHLINE "P1" 815+00 - SEE SHEET 56
WASH 16
GOV'T
LOT 12
THE Louis Berger Group, INC.
REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA
I-11 BOULDER CITY BYPASS DESIGN BUILD PROJECT
PRELIMINARY PLANS
MAINLINE PLAN
"P1" 815+00 TO "P1" 826+14.18
DESIGNED BY
DRAWN BY
CHECKED BY
REVIEWED BY
RFP No. 14-011A
PWP-CL-2014-149