

ROUTE 460 CONNECTOR, PHASE I CORRIDOR Q
(UNDER CONSTRUCTION)

ROUTE 460 CONNECTOR, PHASE II CORRIDOR Q

SHEET 1 OF 14
BIZZACK CONSTRUCTION, LLC
US 460 CONNECTOR (PHASE II)
USACE PERMIT NO. NAO-2013-1972
VDOT PROJ. # 0460-013-849, P101, R201, C501
FHWA PROJ. # APD-013-1 (069)

INTERCHANGE: ROUTE 460 CONNECTOR/CFX

SHEET 2 OF 14

SHEET 3 OF 14

SHEET 4 OF 14

SHEET 5 OF 14

SHEET 6 OF 14

SHEET 7 OF 14

SHEET 8 OF 14

SHEET 9 OF 14

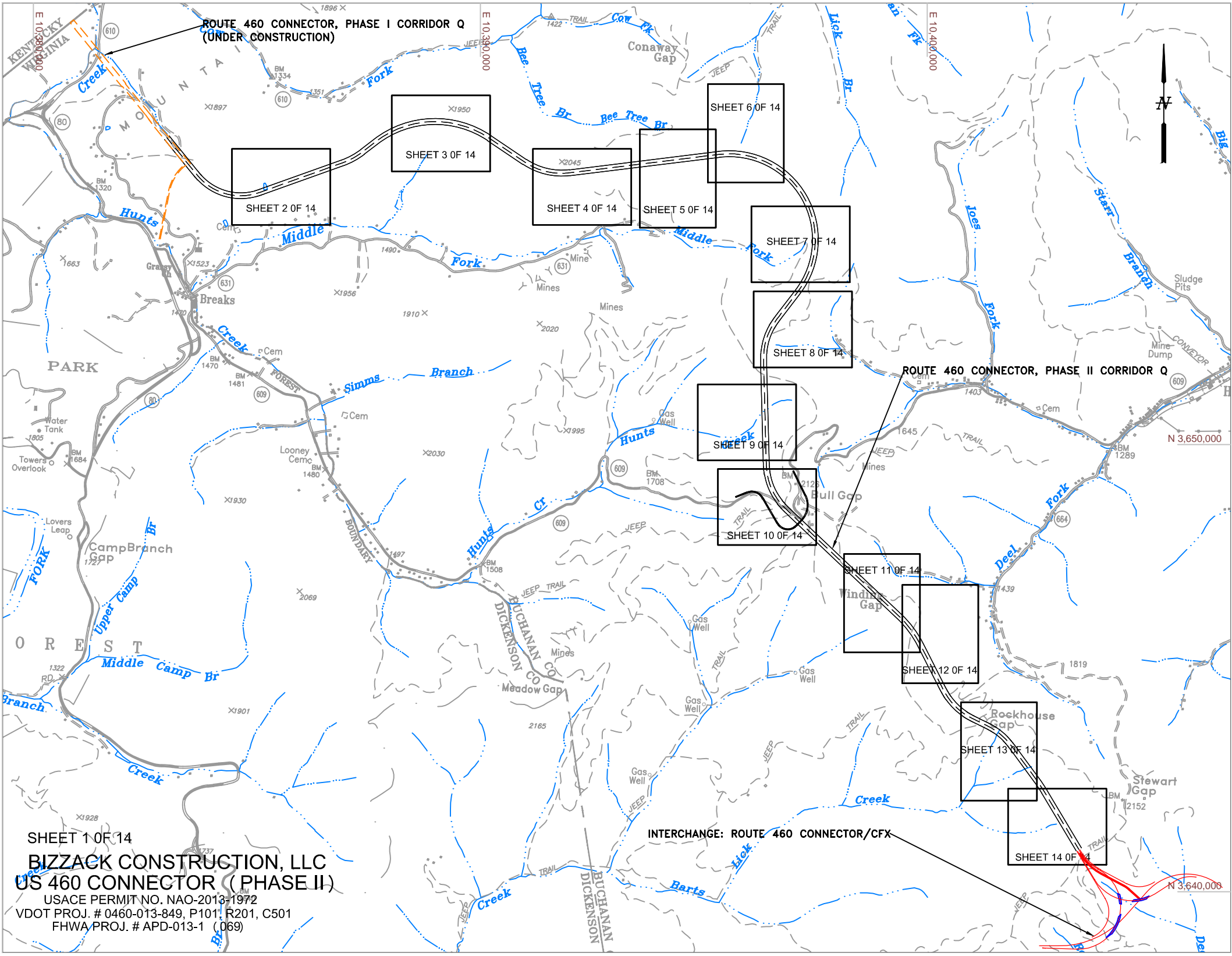
SHEET 10 OF 14

SHEET 11 OF 14

SHEET 12 OF 14

SHEET 13 OF 14

SHEET 14 OF 14





N 3,640,000



E 10,385,000

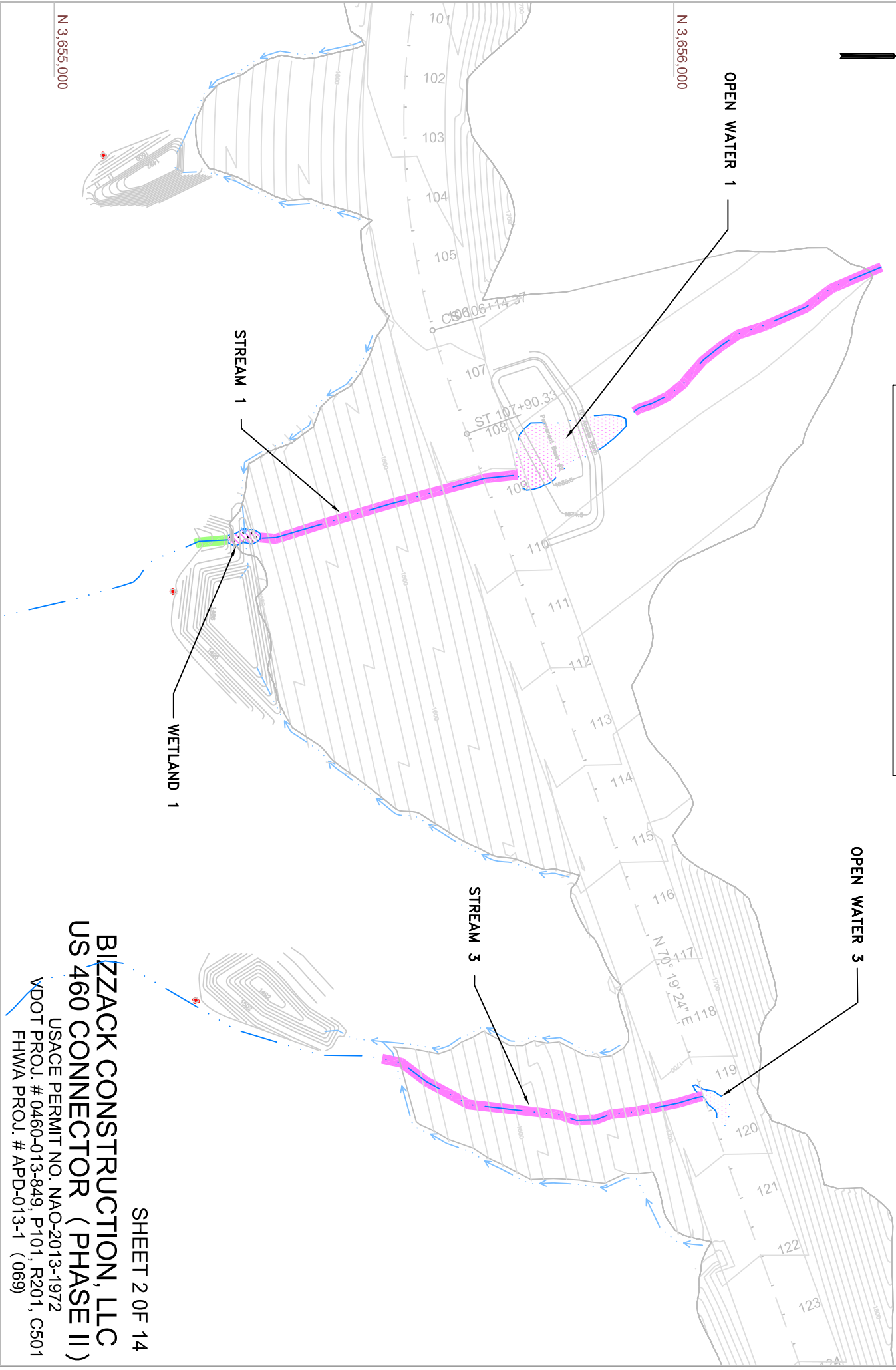
E 10,386,000

IMPACT SITE	LFT. OR AC.
STREAM 1 PERMANENT	900
STREAM 1 TEMPORARY	50
STREAM 3 PERMANENT	540
WETLAND 1 PERMANENT	0.02
OPEN WATER 1 PERMANENT	0.28
OPEN WATER 3 PERMANENT	0.03

LEGEND	
	PERMANENT IMPACT
	TEMPORARY IMPACT

N 3,656,000

N 3,655,000



SHEET 2 OF 14

BIZZACK CONSTRUCTION, LLC
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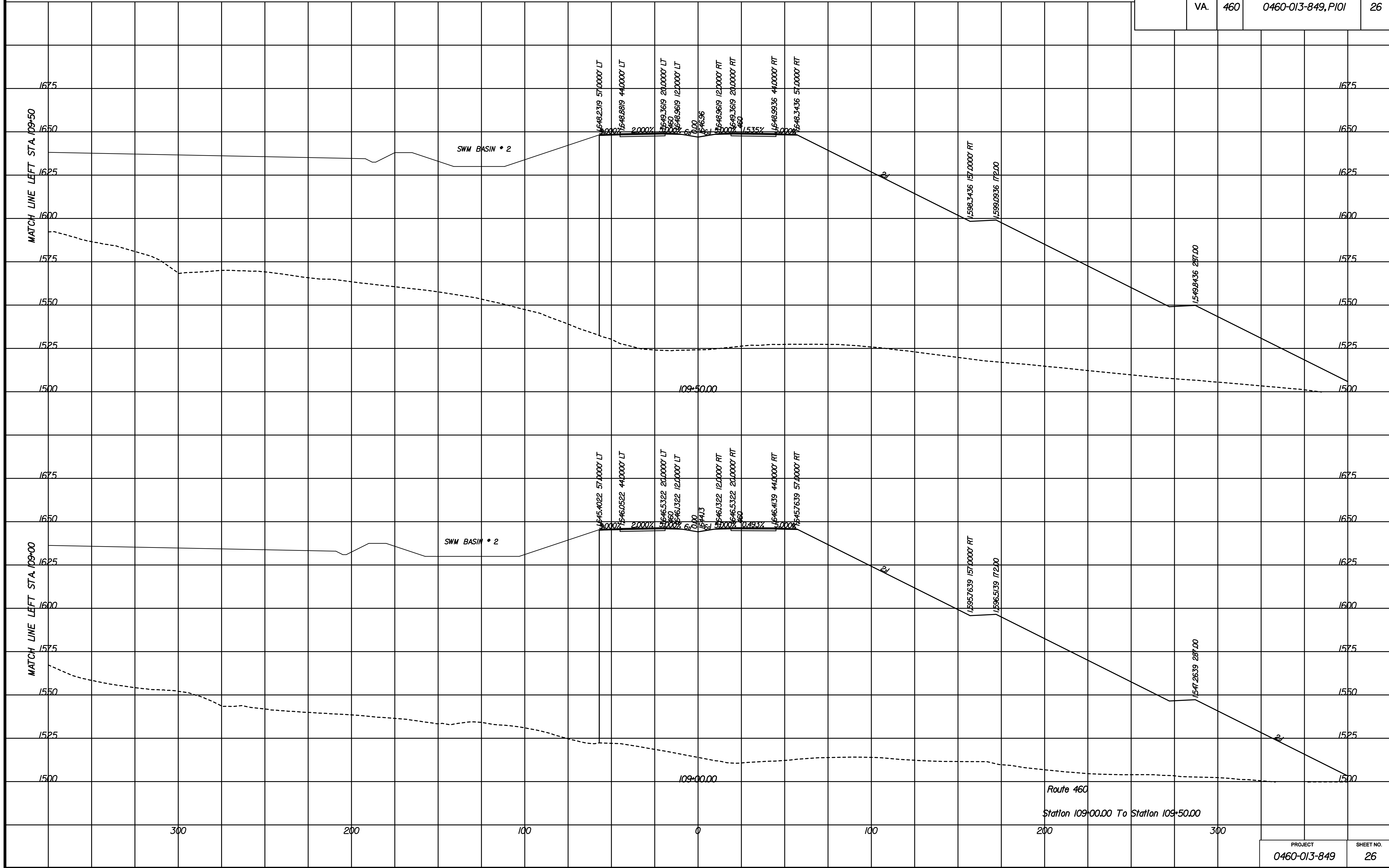
PROJECT MANAGER WWW
SURVEYED BY, DATE XXX
DESIGN BY YY
SUBSURFACE UTILITY BY, DATE ZZZ

CROSS SECTIONS

SCALE 1 IN. = 25 FT

DESIGN FEATURES RELATING TO CONSTRUCTION
OR TO REGULATION AND CONTROL OF TRAFFIC
MAY BE SUBJECT TO CHANGE AS DEEMED
NECESSARY BY THE DEPARTMENT

REVISED	STATE	ROUTE	STATE	PROJECT	SHEET NO.
	VA.	460		0460-013-849, P101	26



#TIMES#AMP#



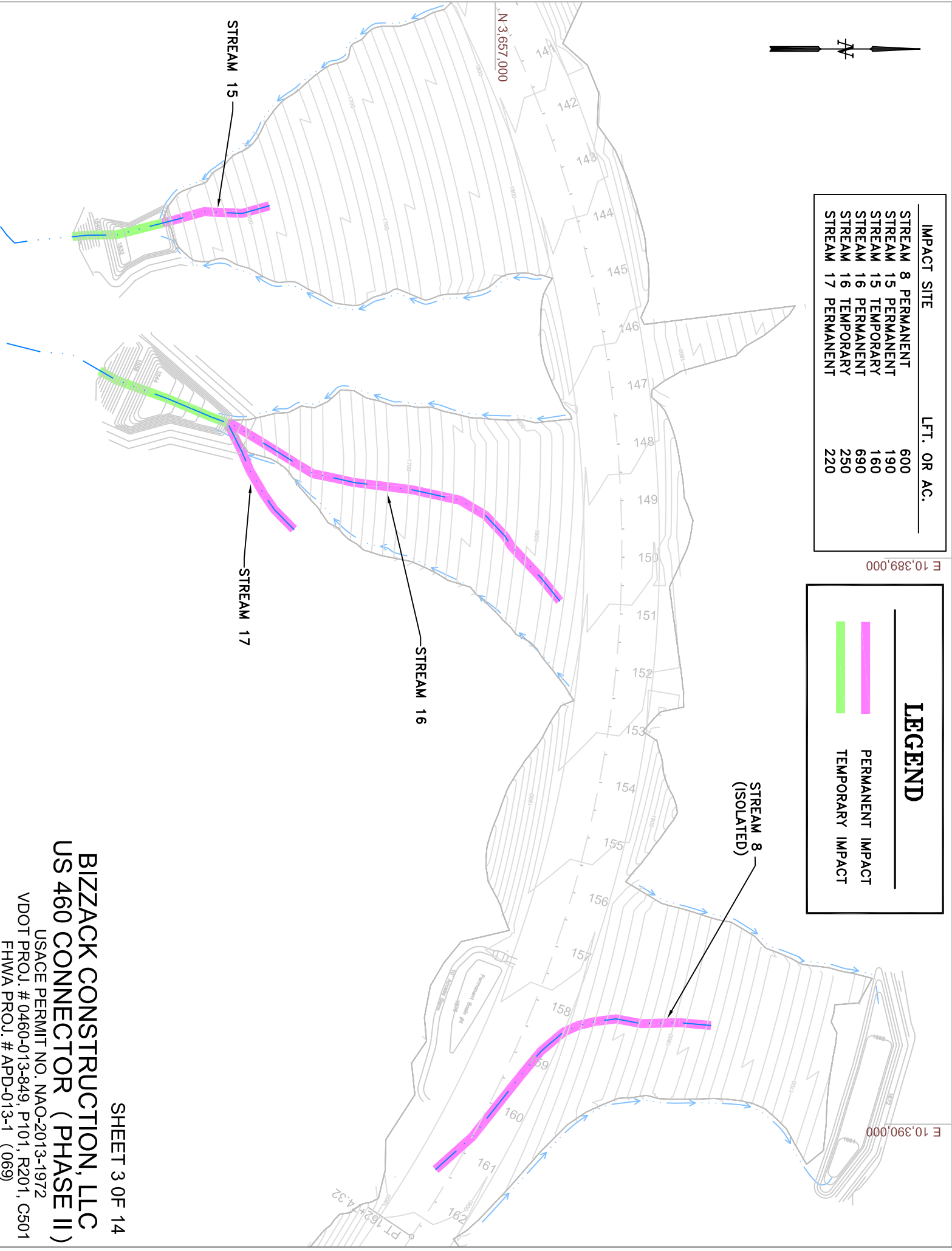
IMPACT SITE	LFT. OR AC.
STREAM 8 PERMANENT	600
STREAM 15 PERMANENT	190
STREAM 15 TEMPORARY	160
STREAM 16 PERMANENT	690
STREAM 16 TEMPORARY	250
STREAM 17 PERMANENT	220

E 10,389,000

LEGEND

PERMANENT IMPACT	TEMPORARY IMPACT
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E 10,390,000



STREAM 15

STREAM 17

STREAM 16

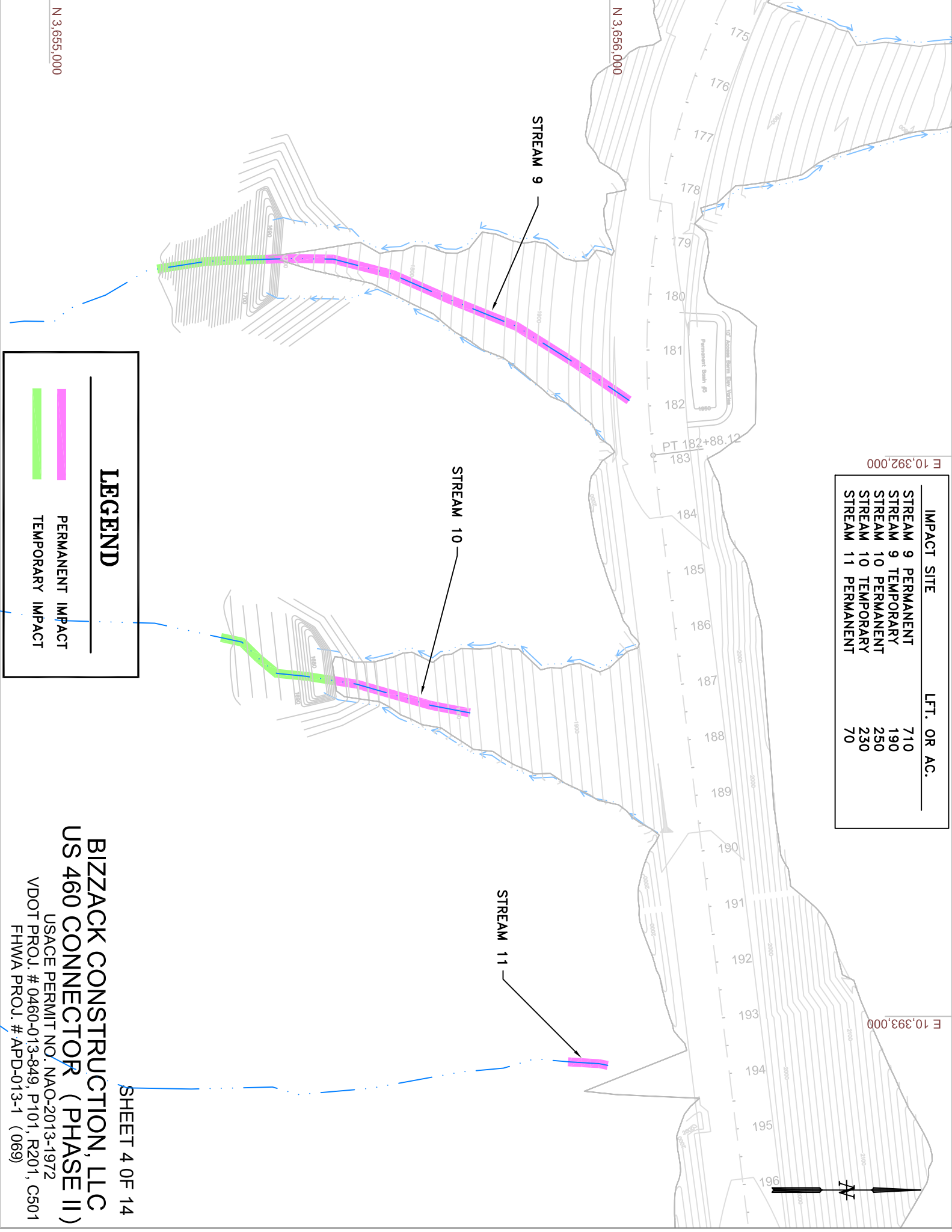
STREAM 8
(ISOLATED)

SHEET 3 OF 14

BIZZACK CONSTRUCTION, LLC
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VDOT PROJ. # 0460-013-849, P101, R201, C501
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IMPACT SITE	LFT. OR AC.
STREAM 9 PERMANENT	710
STREAM 9 TEMPORARY	190
STREAM 10 PERMANENT	250
STREAM 10 TEMPORARY	230
STREAM 11 PERMANENT	70



LEGEND

PERMANENT IMPACT

TEMPORARY IMPACT

SHEET 4 OF 14

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 FHWA PROJ. # APD-013-1 (069)

N 3,655,000

E 10,392,000

E 10,393,000



STREAM 9

STREAM 10

STREAM 11

Permanent Basin #9

PT 182+88.12

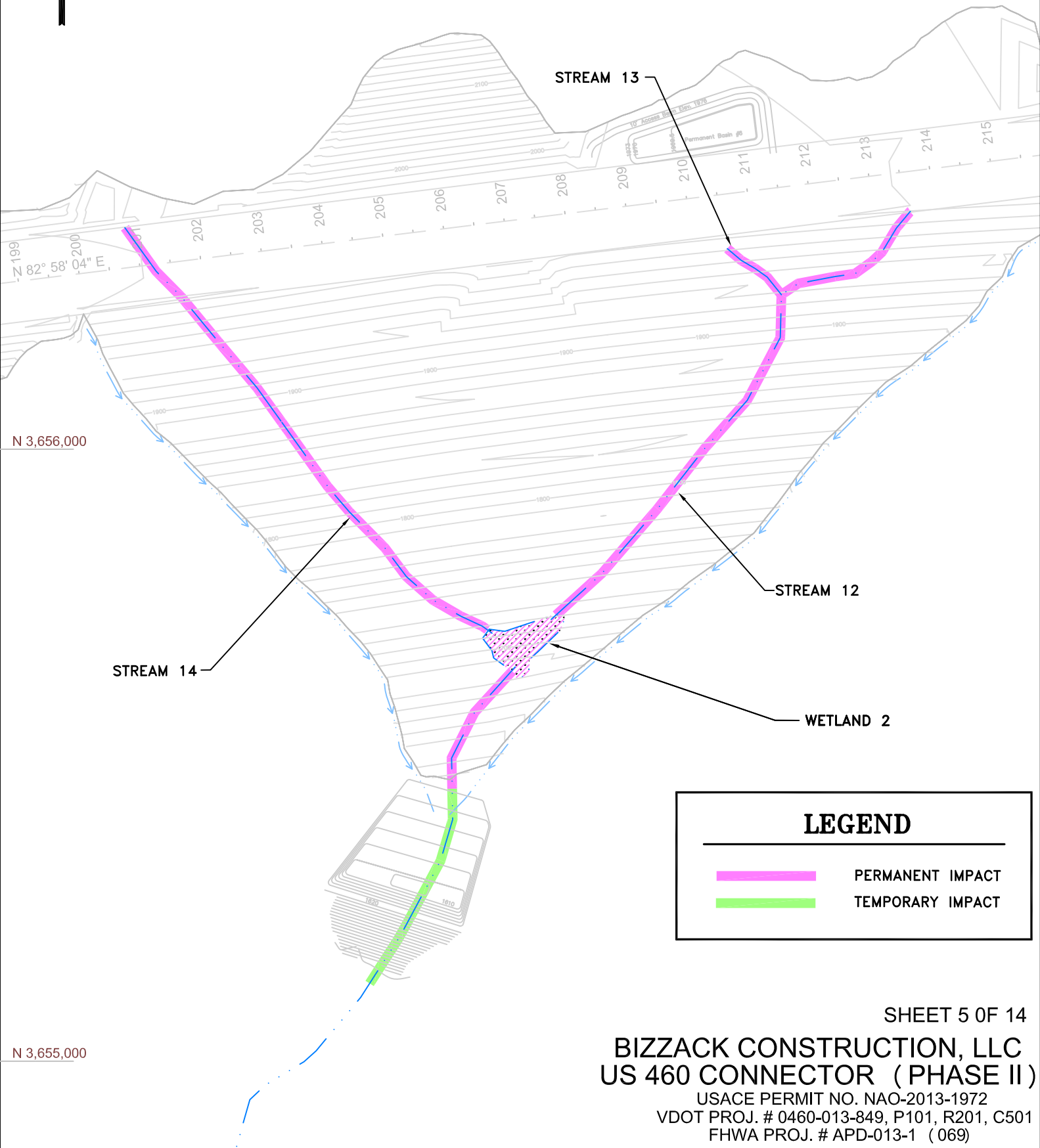
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N 3,657,000

E 10,394,000

E 10,395,000

IMPACT SITE	LFT. OR AC.
STREAM 12 PERMANENT	1,140
STREAM 12 TEMPORARY	350
STREAM 13 PERMANENT	120
STREAM 14 PERMANENT	890
WETLAND 2 PERMANENT	0.15



N 3,656,000

N 3,655,000

STREAM 13

STREAM 14

STREAM 12

WETLAND 2

LEGEND

PERMANENT IMPACT

TEMPORARY IMPACT

SHEET 5 OF 14

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IMPACT SITE	LFT. OR AC.
STREAM 6 PERMANENT	140
STREAM 7 PERMANENT	1,170
STREAM 7 TEMPORARY	320
OPEN WATER 5 PERMANENT	0.15
OPEN WATER 7 PERMANENT	0.07

E 10,396,000

N 3,658,000



STREAM 7

STREAM 6

OPEN WATER 5

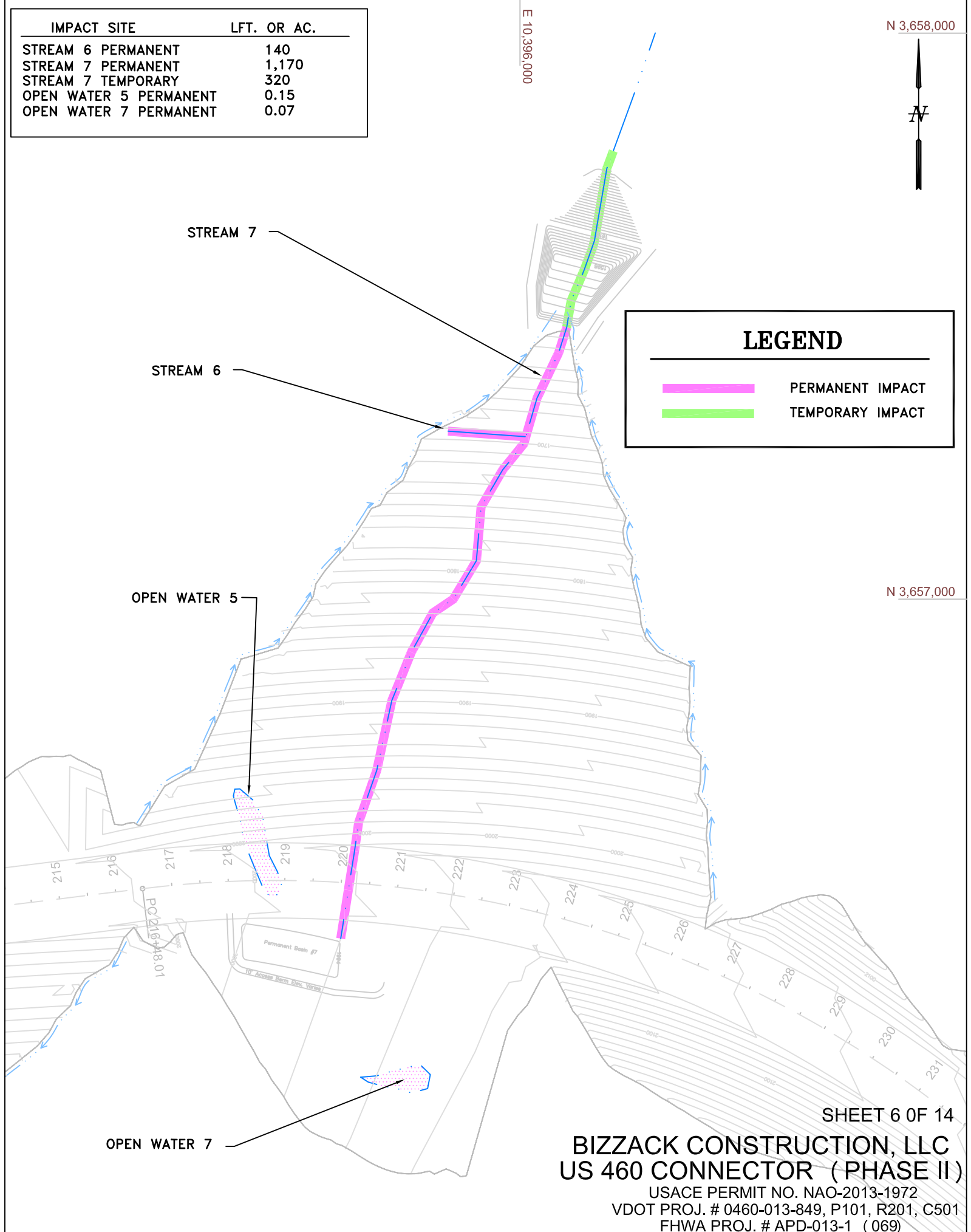
OPEN WATER 7

LEGEND

PERMANENT IMPACT

TEMPORARY IMPACT

N 3,657,000



SHEET 6 OF 14

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IMPACT SITE	LFT. OR AC.
MIDDLE FORK PERMANENT	480
MIDDLE FORK TEMPORARY	260

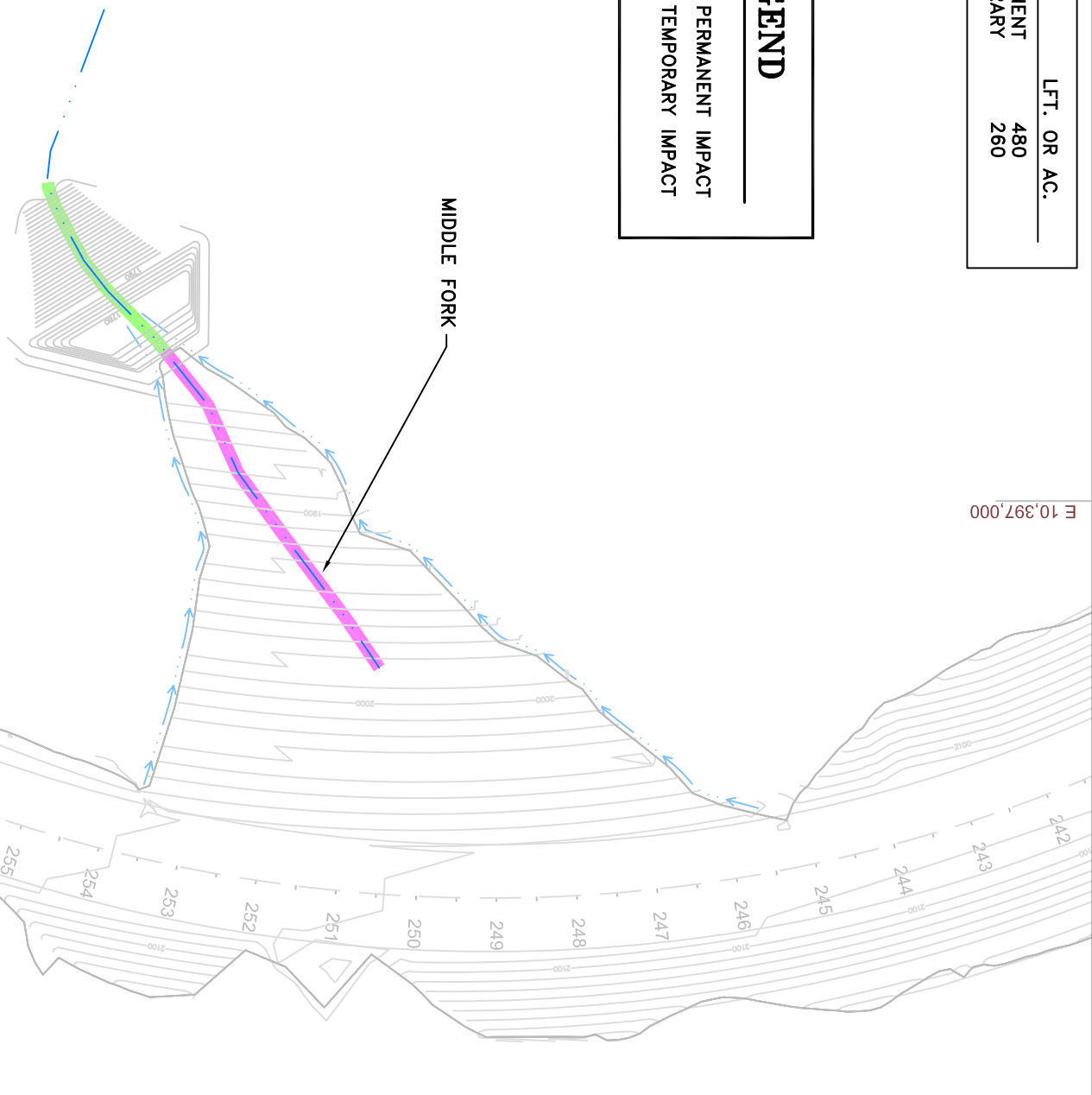
N 3,655,000

LEGEND

	PERMANENT IMPACT
	TEMPORARY IMPACT

E 10,397,000

E 10,398,000



MIDDLE FORK

N 3,654,000

SHEET 7 OF 14

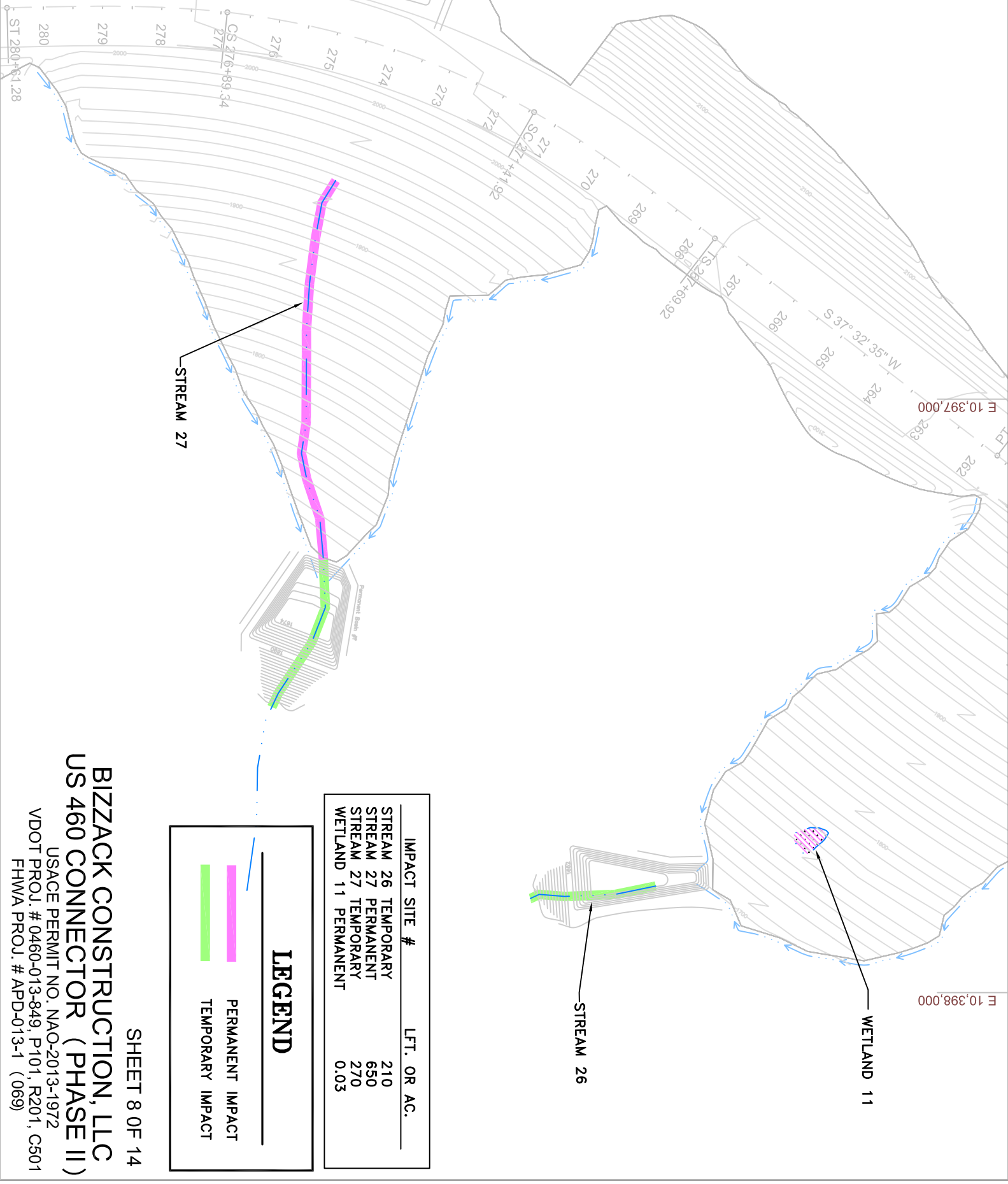
BIZZACK CONSTRUCTION, LLC US 460 CONNECTOR (PHASE II)

USACE PERMIT NO. NAO-2013-1972
VDOT PROJ. # 0460-013-849, P101, R201, C501
FHWA PROJ. # APD-013-1 (069)



N 3,653,000

N 3,652,000



E 10,397,000

E 10,398,000

IMPACT SITE #	LFT. OR AC.
STREAM 26 TEMPORARY	210
STREAM 27 PERMANENT	650
STREAM 27 TEMPORARY	270
WETLAND 11 PERMANENT	0.03

LEGEND

- PERMANENT IMPACT
- TEMPORARY IMPACT

SHEET 8 OF 14

BIZZACK CONSTRUCTION, LLC US 460 CONNECTOR (PHASE II)

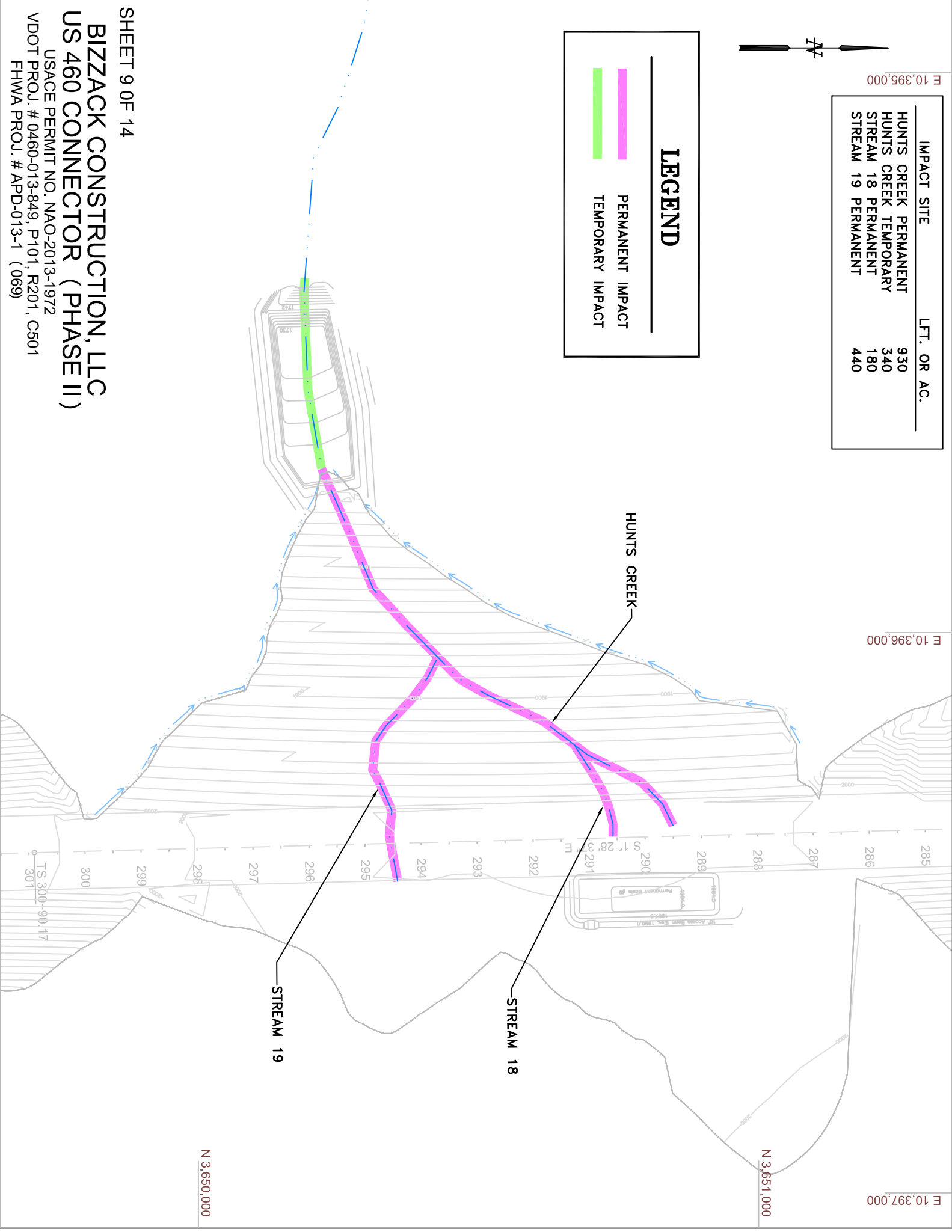
USACE PERMIT NO. NAO-2013-1972
VDOT PROJ. # 0460-013-849, P101, R201, C501
FHWA PROJ. # APD-013-1 (069)

IMPACT SITE	LFT. OR AC.
HUNTS CREEK PERMANENT	930
HUNTS CREEK TEMPORARY	340
STREAM 18 PERMANENT	180
STREAM 19 PERMANENT	440



LEGEND

	PERMANENT IMPACT
	TEMPORARY IMPACT



SHEET 9 OF 14

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 VDOT PROJ. # 0460-013-849, P101, R201, C501
 FHWA PROJ. # APD-013-1 (069)

N 3,650,000

N 3,651,000

E 10,397,000

E 10,396,000

E 10,395,000

HUNTS CREEK

STREAM 18

STREAM 19

TS 300+90.17
307

300

299

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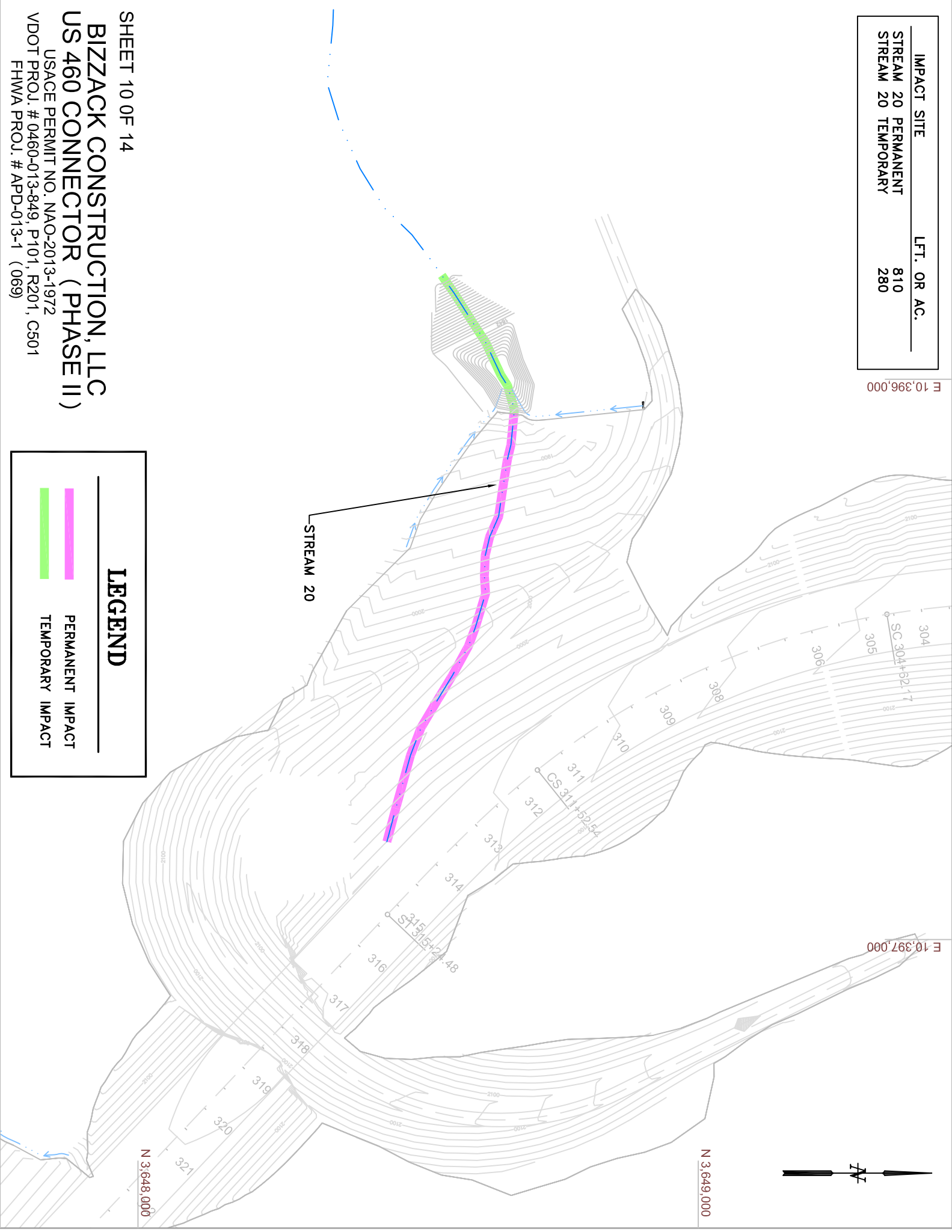
1730

1730

IMPACT SITE	LFT. OR AC.
STREAM 20 PERMANENT	810
STREAM 20 TEMPORARY	280

E 10,396,000

E 10,397,000



LEGEND

	PERMANENT IMPACT
	TEMPORARY IMPACT

SHEET 10 OF 14

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USACE PERMIT NO. NAO-2013-1972
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FHWA PROJ. # APD-013-1 (069)

N 3,648,000

N 3,649,000

IMPACT SITE		LFT. OR AC.
STREAM 21	PERMANENT	330
STREAM 22	PERMANENT	960
STREAM 22	TEMPORARY	230
STREAM 23	PERMANENT	70
STREAM 23	TEMPORARY	270
STREAM 29	PERMANENT	670
STREAM 29	TEMPORARY	90
WETLAND 5	PERMANENT	0.15
WETLAND 6	PERMANENT	0.09
OPEN WATER 6	PERMANENT	0.18

E 10,399,000

STREAM 29

N 3,647,000

WETLAND 5

WETLAND 6

OPEN WATER 6

STREAM 23

N 3,646,000

STREAM 21


STREAM 22


SHEET 11 OF 14

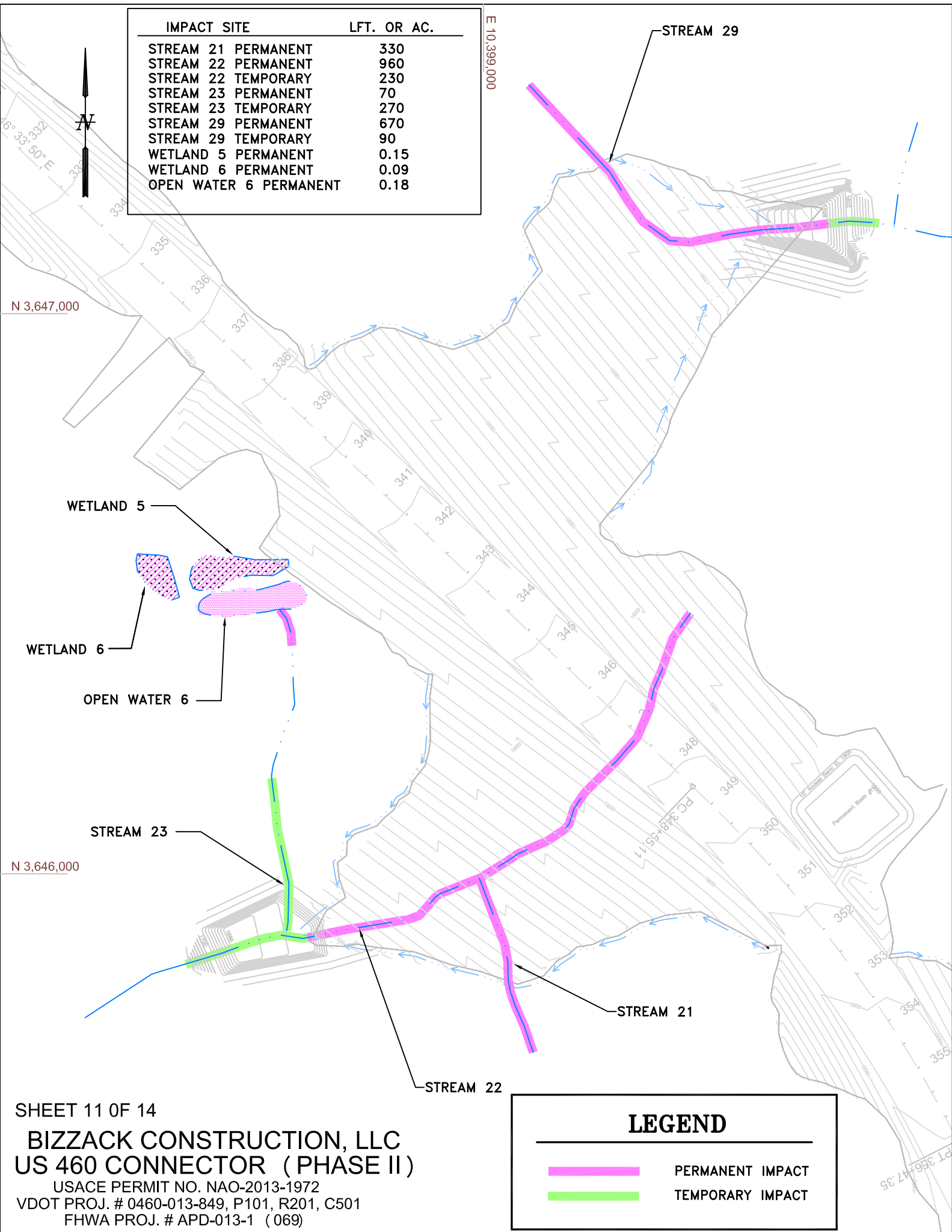
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LEGEND

 PERMANENT IMPACT

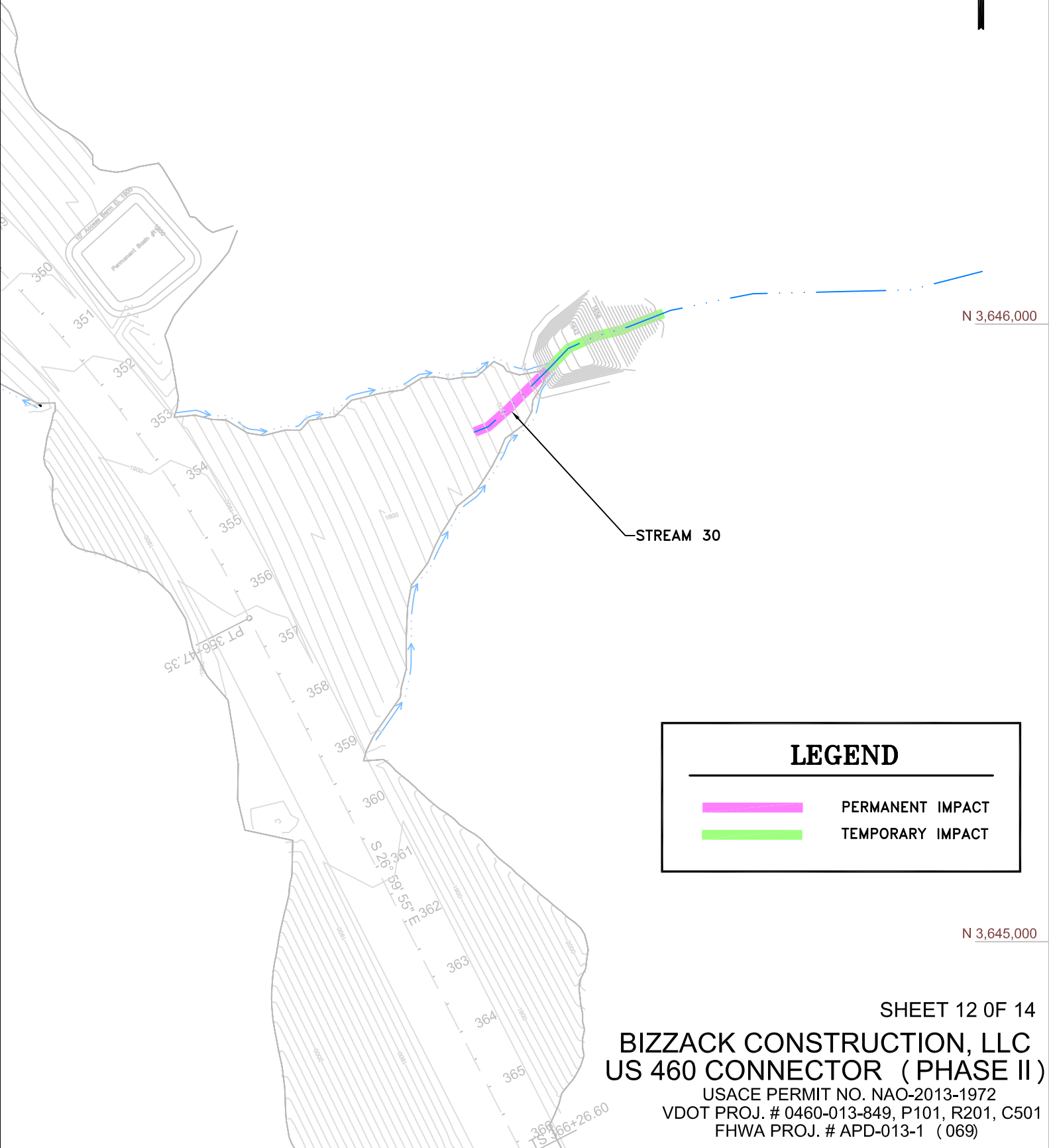
 TEMPORARY IMPACT





E 10,400,000

E 10,401,000

IMPACT SITE	LFT. OR AC.
STREAM 30 PERMANENT	160
STREAM 30 TEMPORARY	210



N 3,646,000

LEGEND	
	PERMANENT IMPACT
	TEMPORARY IMPACT

N 3,645,000

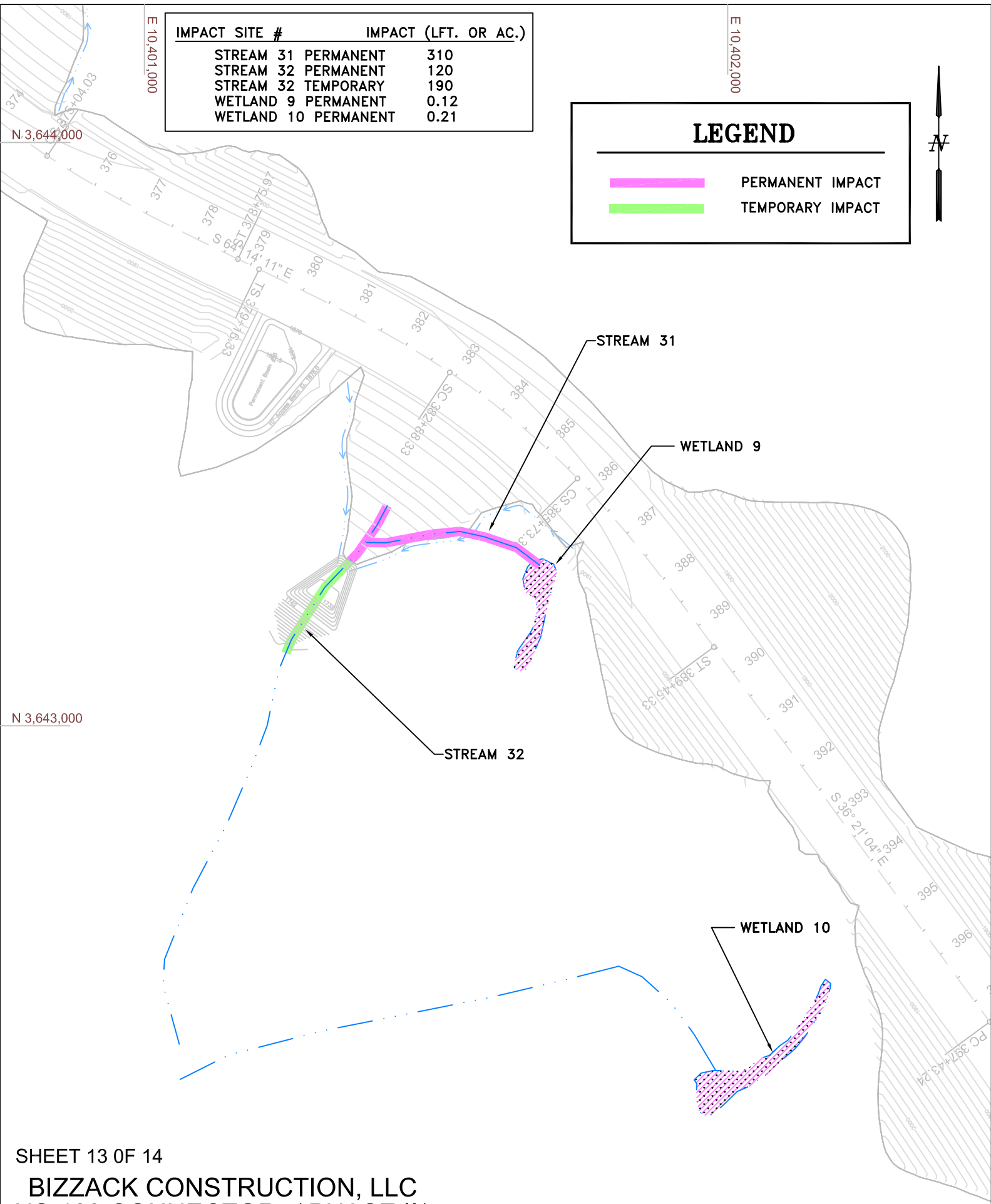
SHEET 12 OF 14
BIZZACK CONSTRUCTION, LLC
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IMPACT SITE #		IMPACT (LFT. OR AC.)
STREAM 31	PERMANENT	310
STREAM 32	PERMANENT	120
STREAM 32	TEMPORARY	190
WETLAND 9	PERMANENT	0.12
WETLAND 10	PERMANENT	0.21

LEGEND

PERMANENT IMPACT

TEMPORARY IMPACT



SHEET 13 OF 14

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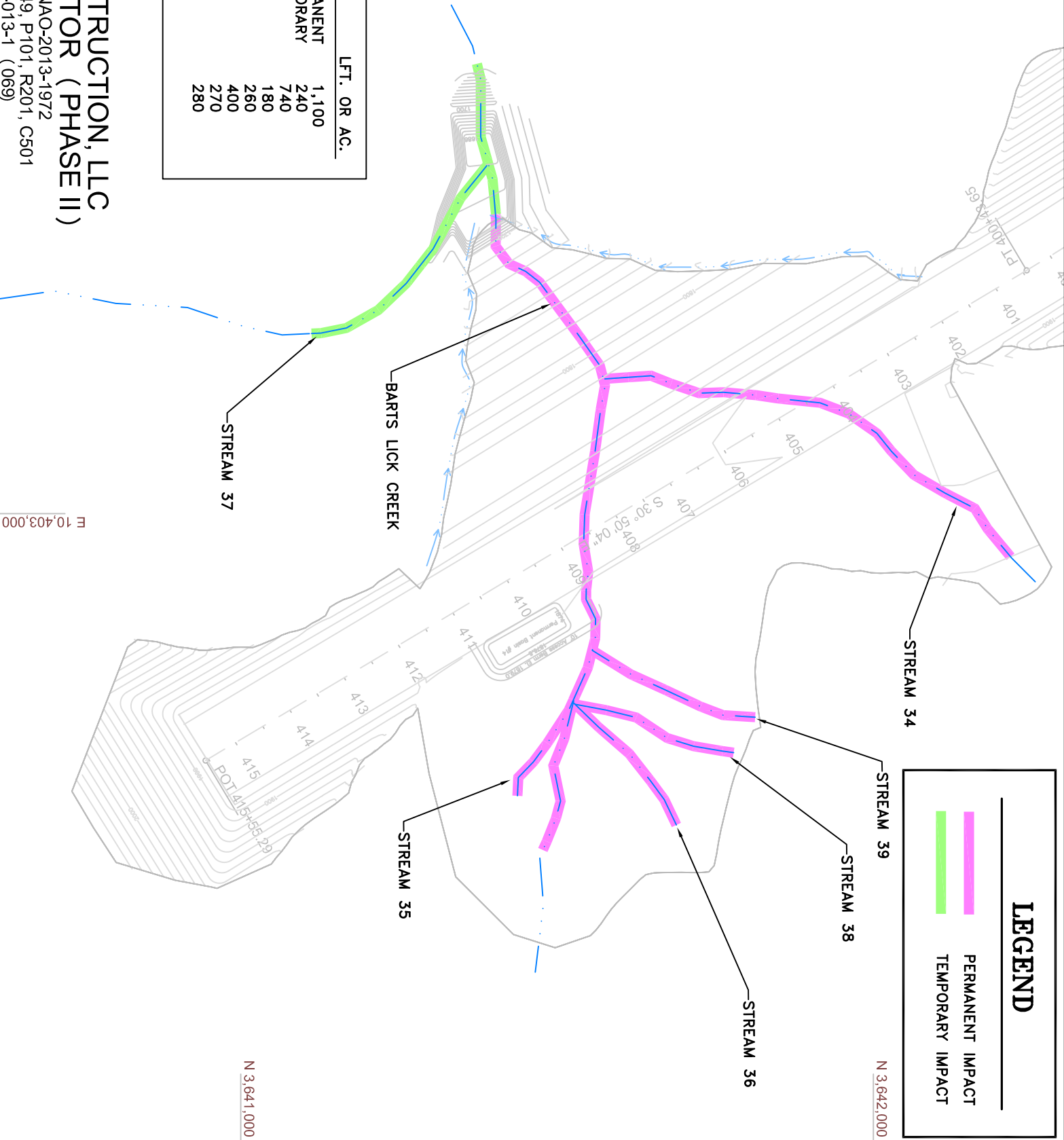


IMPACT SITE	LFT. OR AC.
BARTS LICK CREEK PERMANENT	1,100
BARTS LICK CREEK TEMPORARY	240
STREAM 34 PERMANENT	740
STREAM 35 PERMANENT	180
STREAM 36 PERMANENT	260
STREAM 37 TEMPORARY	400
STREAM 38 PERMANENT	270
STREAM 39 PERMANENT	280

SHEET 14 OF 14

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FHWA PROJ. # APD-013-1 (069)



LEGEND

- PERMANENT IMPACT
- TEMPORARY IMPACT

E 10,403,000

N 3,641,000

N 3,642,000