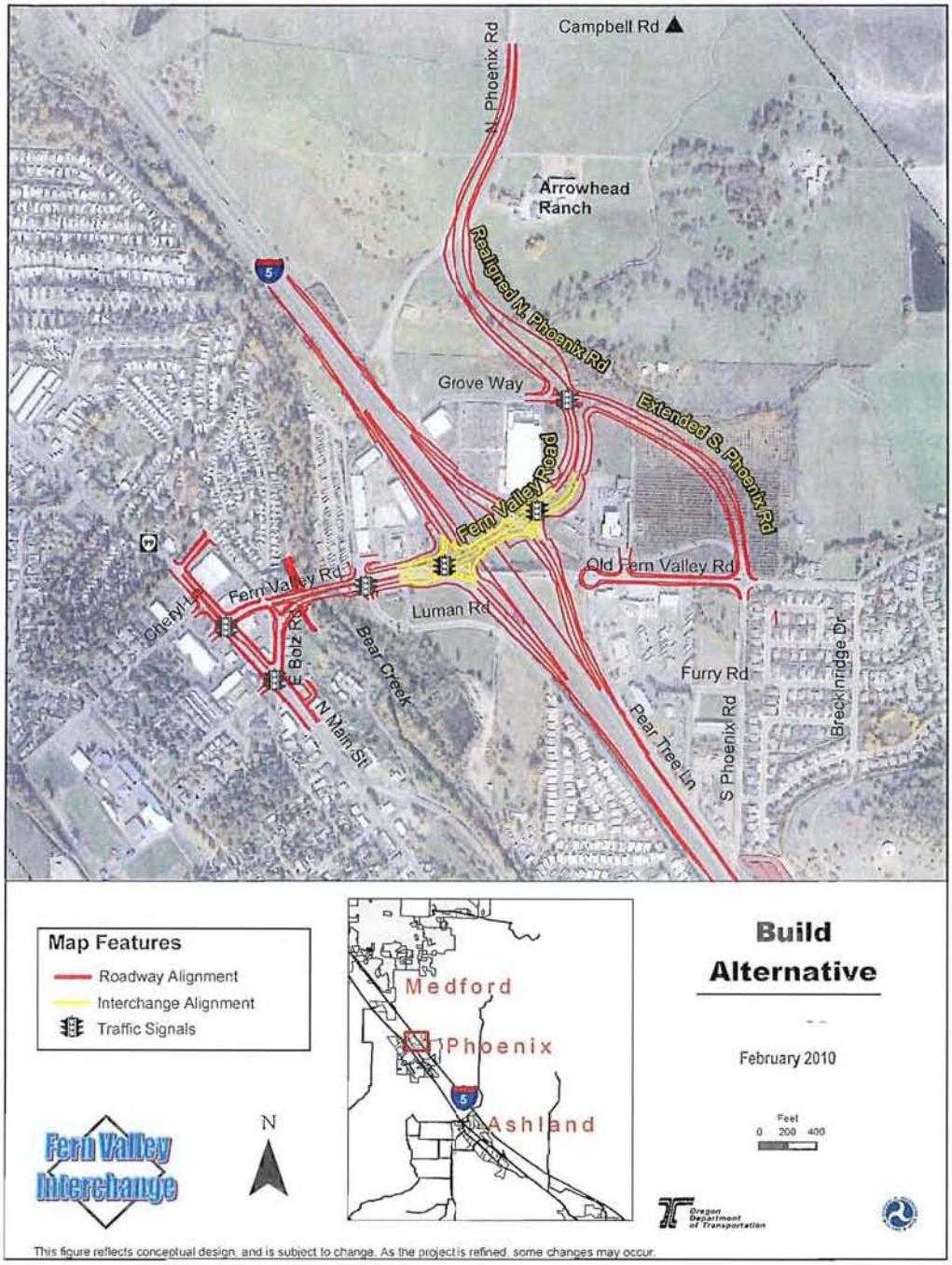
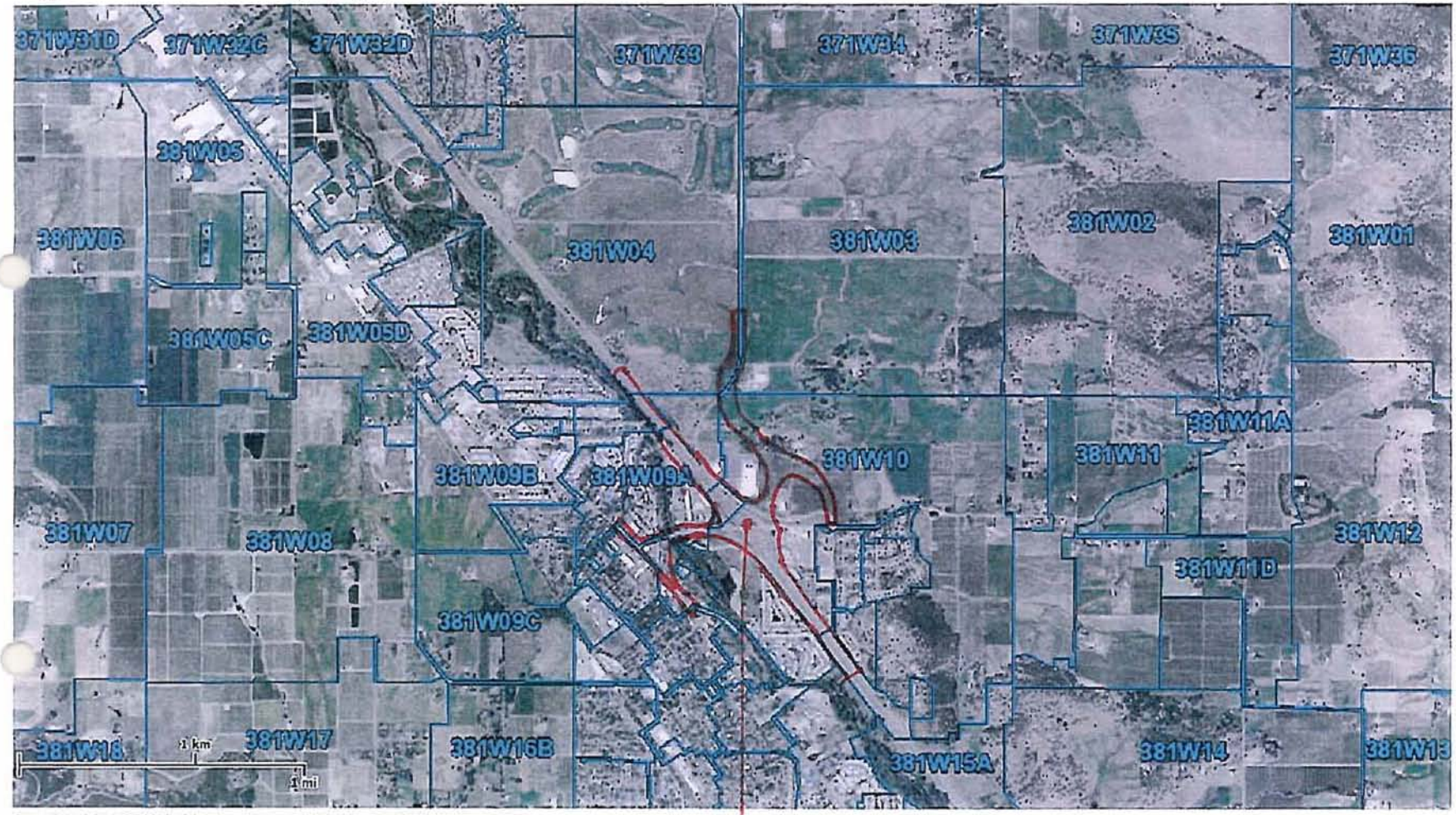

Campbell Rd
N. Phoenix Rd
Arrowhead Ranch
Realigned N. Phoenix Rd
Grove Way
Extended S. Phoenix Rd
Fern Valley Road
Old Fern Valley Rd
Fern Valley Rd
Luman Rd
Cheryl Ln
E Bolz Rd
Bear Creek
N Main St
Furry Rd
Pear Tree Ln
S Phoenix Rd
Breckinridge Dr
Map Features
Roadway Alignment
Interchange Alignment
Traffic Signals
Medford
Phoenix
Ashland
Build Alternative
February 2010
Feet
0 200 400
N
Fern Valley Interchange
Oregon Department of Transportation
This figure reflects conceptual design, and is subject to change. As the project is refined, some changes may occur.

Figure 1

I-5: Fern Valley Interchange

Figure 2: Tax Lot Map Key



Copyright 2011 ORMAP. All rights reserved. Wed Apr 18 2012 01:54:29 PM.

API

I-5: Fern Valley Interchange

Figure 2: Tax Lot Map Key

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API

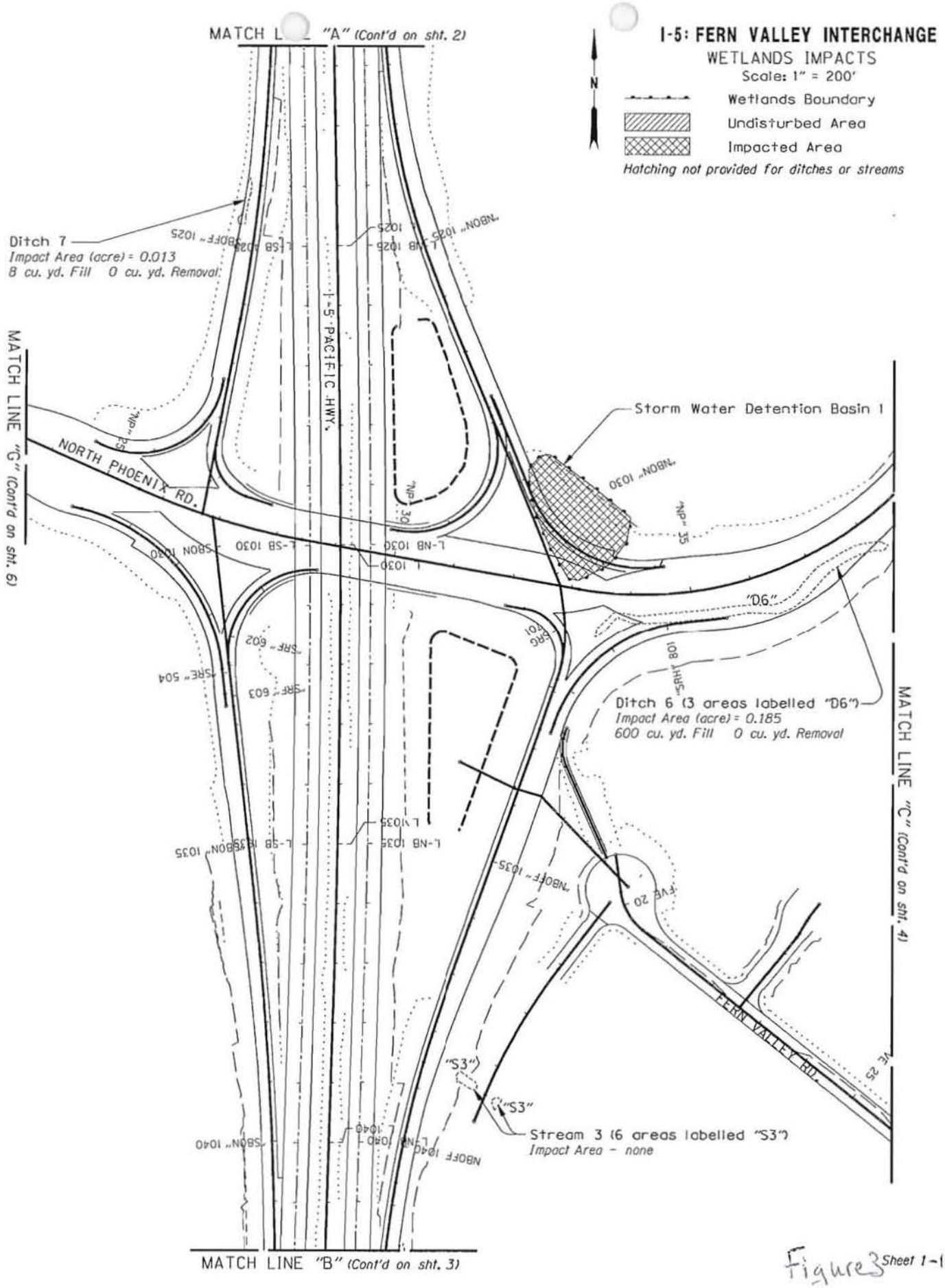
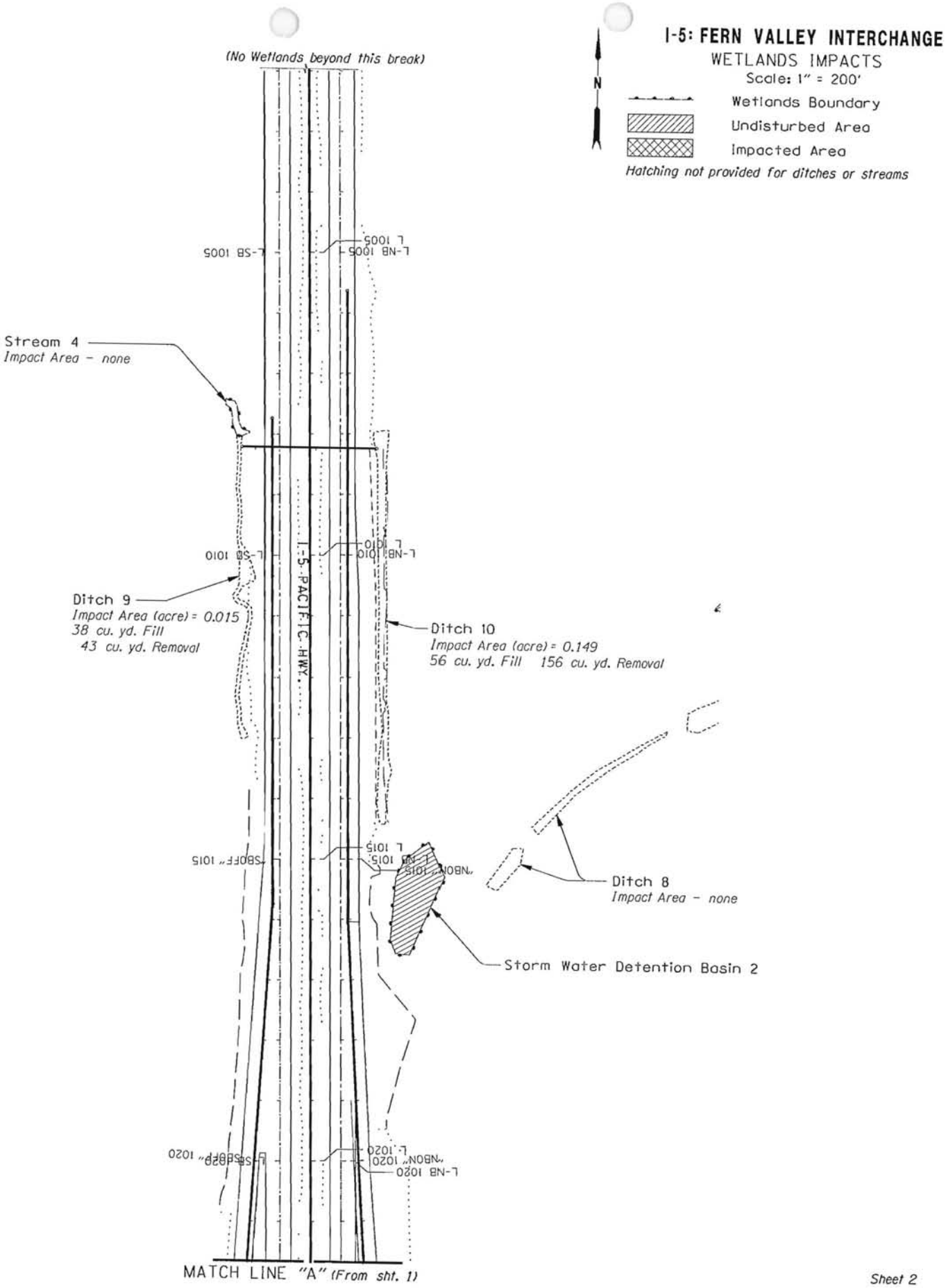
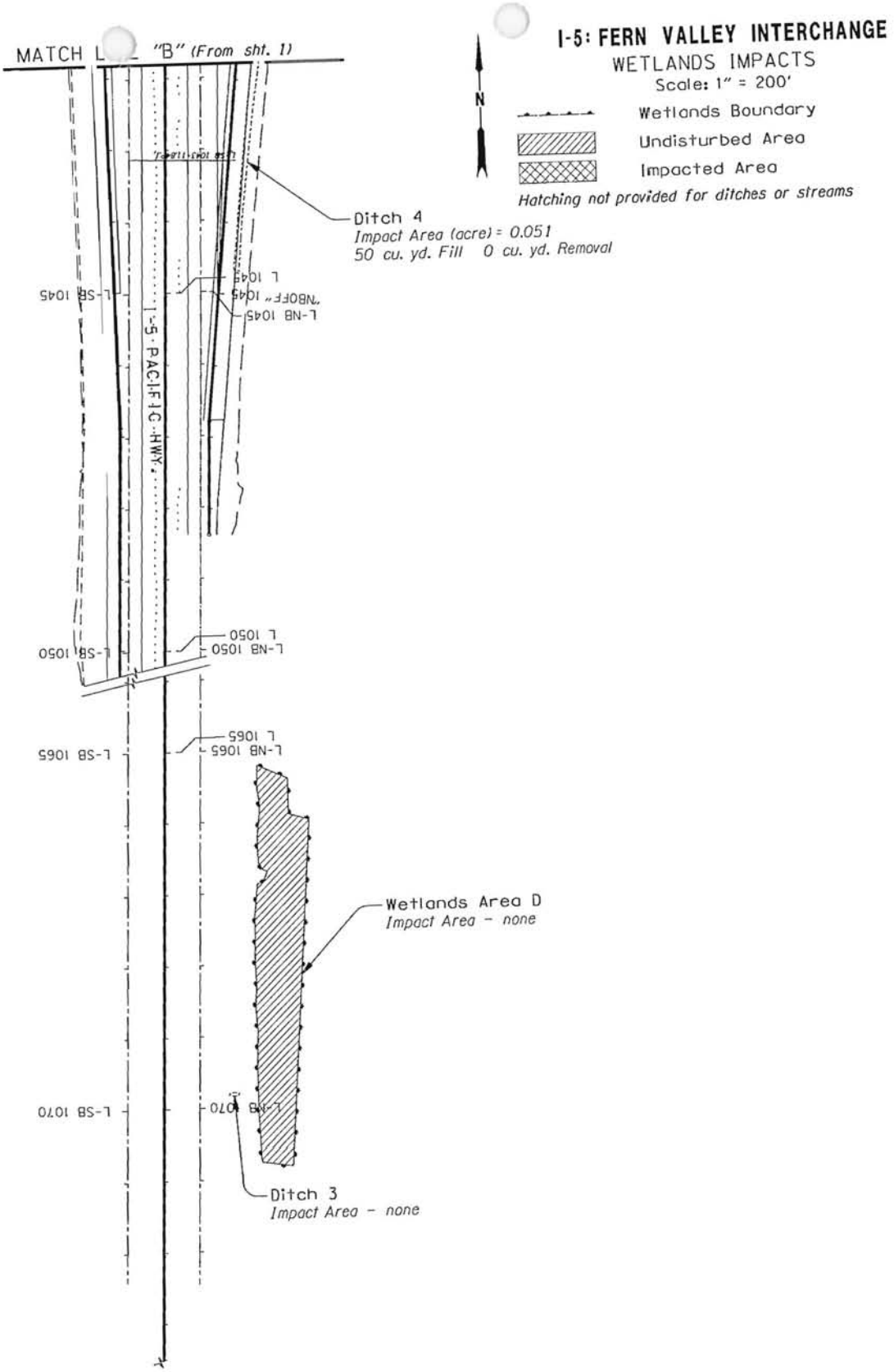


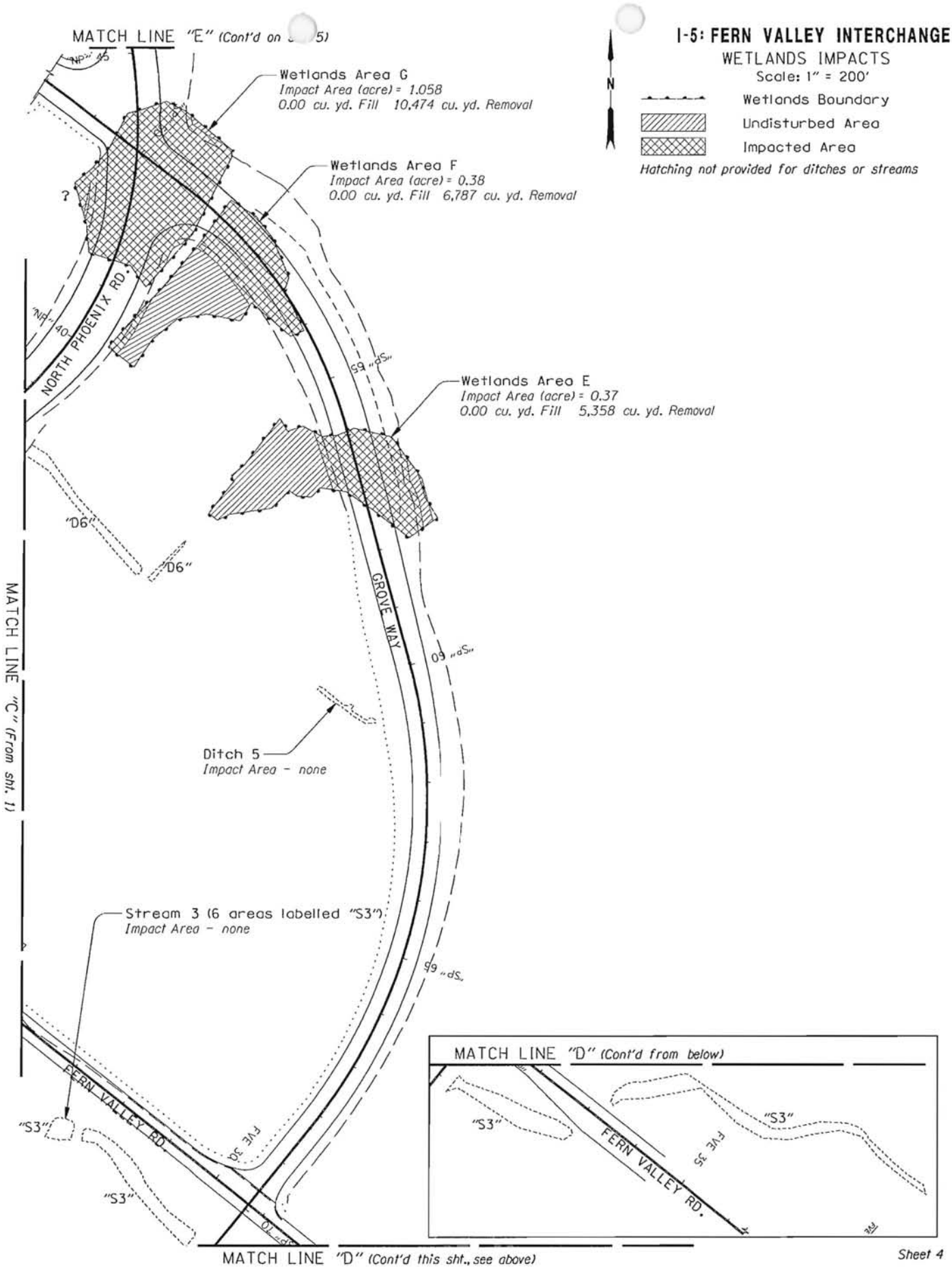
Figure 3 Sheet 1-1

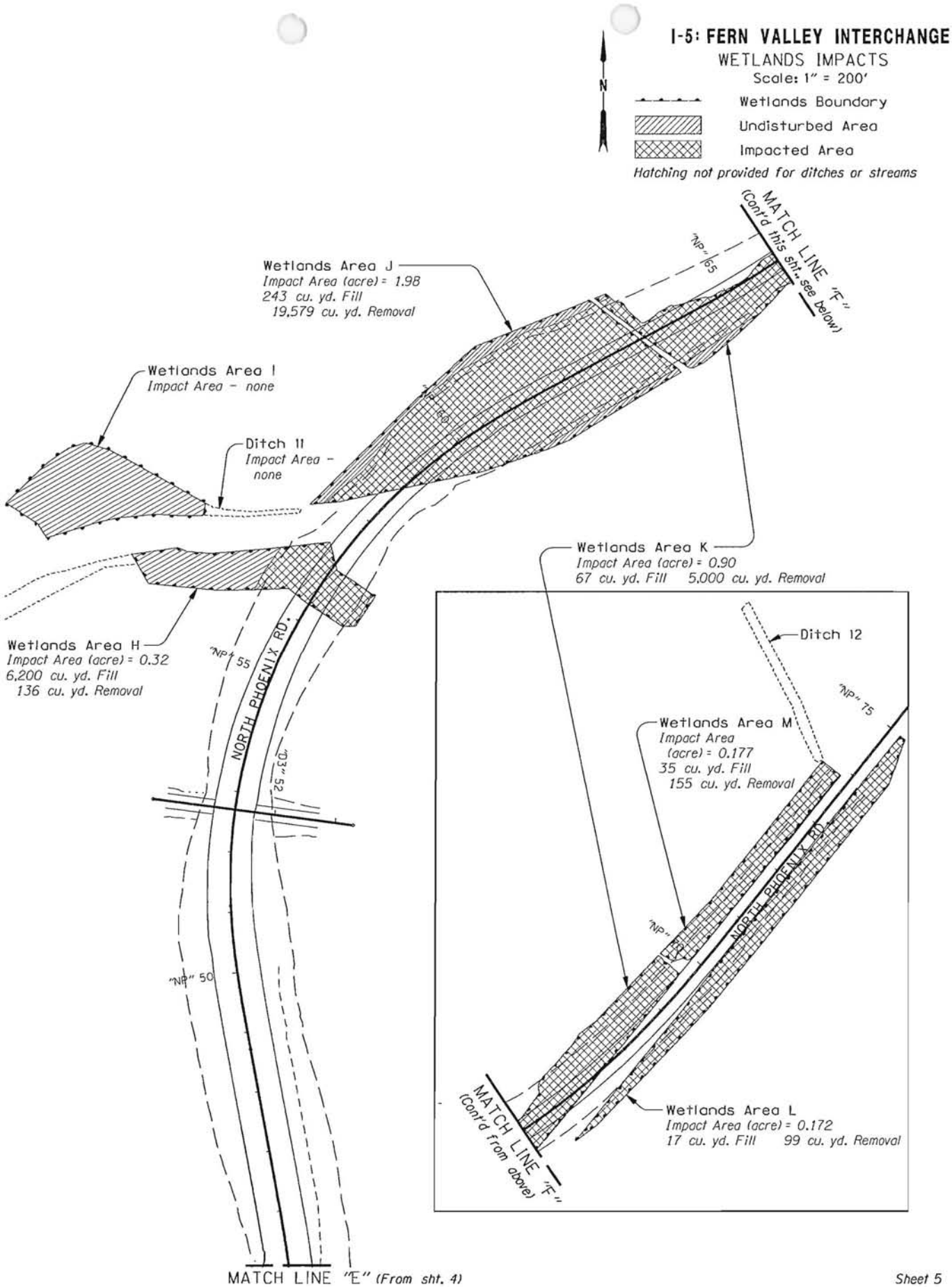

I-5: FERN VALLEY INTERCHANGE
WETLANDS IMPACTS
Scale: 1" = 200'
N
Wetlands Boundary
Undisturbed Area
Impacted Area
Hatching not provided for ditches or streams
(No Wetlands beyond this break)
L-SB 1005
L-NB 1005
L 1005
Stream 4
Impact Area - none
L-SB 1010
L-NB 1010
L 1010
I-5 PACIFIC HWY.
Ditch 9
Impact Area (acre) = 0.015
38 cu. yd. Fill
43 cu. yd. Removal
Ditch 10
Impact Area (acre) = 0.149
56 cu. yd. Fill 156 cu. yd. Removal
"SBOFF" 1015
L 1015
"NBON" 1015
Ditch 8
Impact Area - none
Storm Water Detention Basin 2
"SBOFF" 1020
L 1020
"NBON" 1020
L-NB 1020
MATCH LINE "A" (From sht. 1)

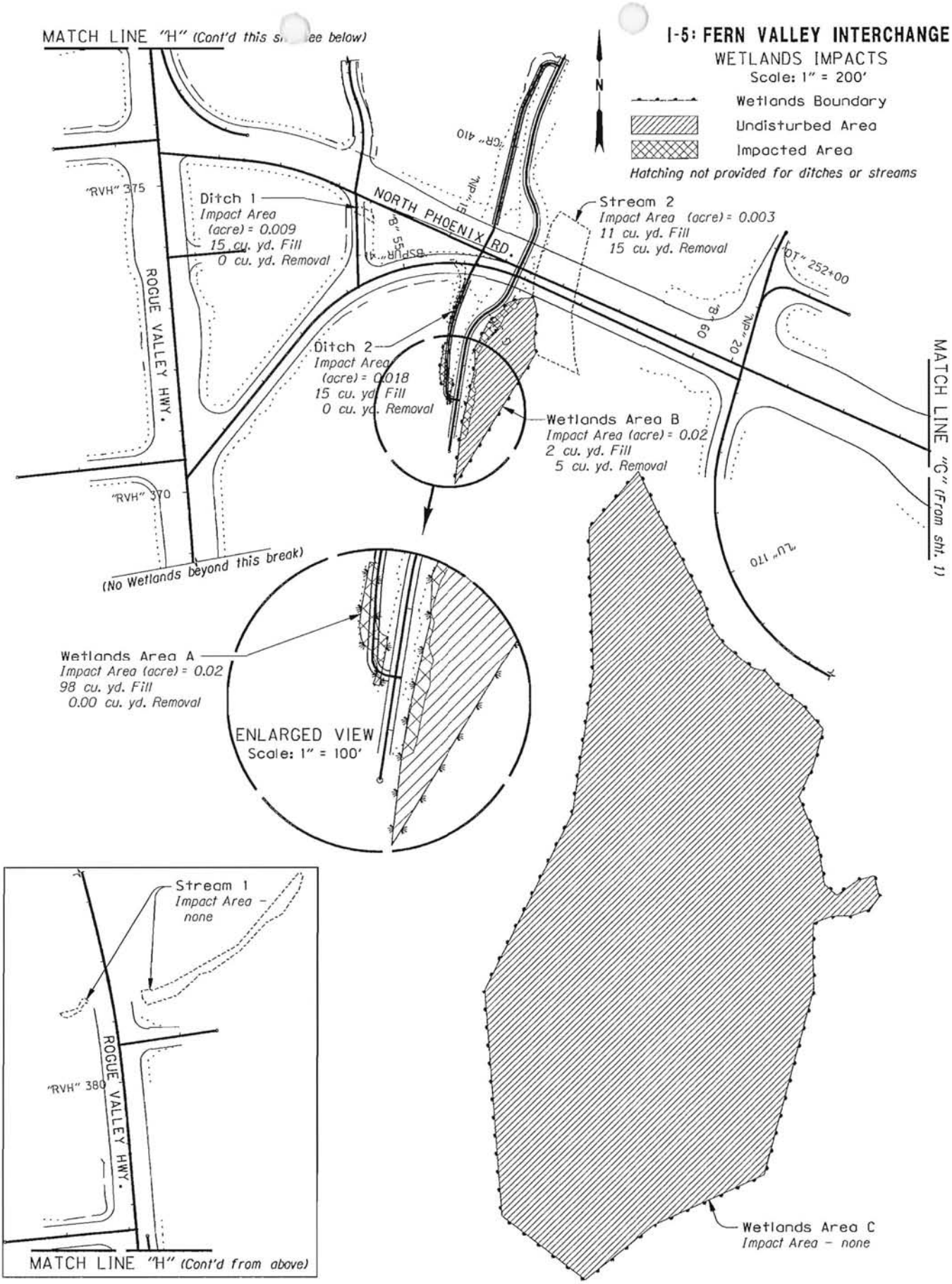
Sheet 2


I-5: FERN VALLEY INTERCHANGE
WETLANDS IMPACTS
Scale: 1" = 200'
N
Wetlands Boundary
Undisturbed Area
Impacted Area
Hatching not provided for ditches or streams
MATCH L "B" (From sht. 1)
Ditch 4
Impact Area (acre) = 0.051
50 cu. yd. Fill 0 cu. yd. Removal
L-SB 1045
L 1045
"NBOFF" 1045
L-NB 1045
I-5 PACIFIC HWY.
L-SB 1050
L 1050
L-NB 1050
L-SB 1065
L 1065
L-NB 1065
Wetlands Area D
Impact Area - none
L-SB 1070
L-NB 1070
Ditch 3
Impact Area - none

Sheet 3


I-5: FERN VALLEY INTERCHANGE
WETLANDS IMPACTS
Scale: 1" = 200'
N
Wetlands Boundary
Undisturbed Area
Impacted Area
Hatching not provided for ditches or streams
MATCH LINE "E" (Cont'd on
Wetlands Area G
Impact Area (acre) = 1.058
0.00 cu. yd. Fill 10,474 cu. yd. Removal
Wetlands Area F
Impact Area (acre) = 0.38
0.00 cu. yd. Fill 6,787 cu. yd. Removal
Wetlands Area E
Impact Area (acre) = 0.37
0.00 cu. yd. Fill 5,358 cu. yd. Removal
NORTH PHOENIX RD.
GROVE WAY
"D6"
Ditch 5
Impact Area - none
Stream 3 (6 areas labelled "S3")
Impact Area - none
FERN VALLEY RD.
"S3"
MATCH LINE "C" (From sht. 1)
MATCH LINE "D" (Cont'd this sht., see above)
MATCH LINE "D" (Cont'd from below)
Sheet 4


I-5: FERN VALLEY INTERCHANGE
WETLANDS IMPACTS
Scale: 1" = 200'
N
Wetlands Boundary
Undisturbed Area
Impacted Area
Hatching not provided for ditches or streams
MATCH LINE "F" (Cont'd this sht. see below)
"NP" 65
Wetlands Area J
Impact Area (acre) = 1.98
243 cu. yd. Fill
19,579 cu. yd. Removal
Wetlands Area I
Impact Area - none
Ditch 11
Impact Area - none
Wetlands Area K
Impact Area (acre) = 0.90
67 cu. yd. Fill 5,000 cu. yd. Removal
Wetlands Area H
Impact Area (acre) = 0.32
6,200 cu. yd. Fill
136 cu. yd. Removal
"NP" 55
NORTH PHOENIX RD.
"D3" 52
"NP" 50
Ditch 12
"NP" 75
Wetlands Area M
Impact Area
(acre) = 0.177
35 cu. yd. Fill
155 cu. yd. Removal
"NP"
NORTH PHOENIX RD.
MATCH LINE "F" (Cont'd from above)
Wetlands Area L
Impact Area (acre) = 0.172
17 cu. yd. Fill 99 cu. yd. Removal
MATCH LINE "E" (From sht. 4)
Sheet 5


I-5: FERN VALLEY INTERCHANGE
WETLANDS IMPACTS
Scale: 1" = 200'
Wetlands Boundary
Undisturbed Area
Impacted Area
Hatching not provided for ditches or streams
N
MATCH LINE "H" (Cont'd this sheet below)
"RVH" 375
"RVH" 370
ROGUE VALLEY HWY.
NORTH PHOENIX RD.
Ditch 1
Impact Area
(acre) = 0.009
15 cu. yd. Fill
0 cu. yd. Removal
Ditch 2
Impact Area
(acre) = 0.018
15 cu. yd. Fill
0 cu. yd. Removal
Stream 2
Impact Area (acre) = 0.003
11 cu. yd. Fill
15 cu. yd. Removal
"OT" 252+00
"NP" 20
"B" 60
"GR" 410
"NP" 15
"B" 55
"BSPUR" 4
Wetlands Area B
Impact Area (acre) = 0.02
2 cu. yd. Fill
5 cu. yd. Removal
MATCH LINE "G" (From sht. 1)
"LU" 170
(No Wetlands beyond this break)
Wetlands Area A
Impact Area (acre) = 0.02
98 cu. yd. Fill
0.00 cu. yd. Removal
ENLARGED VIEW
Scale: 1" = 100'
Stream 1
Impact Area -
none
"RVH" 380
ROGUE VALLEY HWY.
MATCH LINE "H" (Cont'd from above)
Wetlands Area C
Impact Area - none
Sheet 6

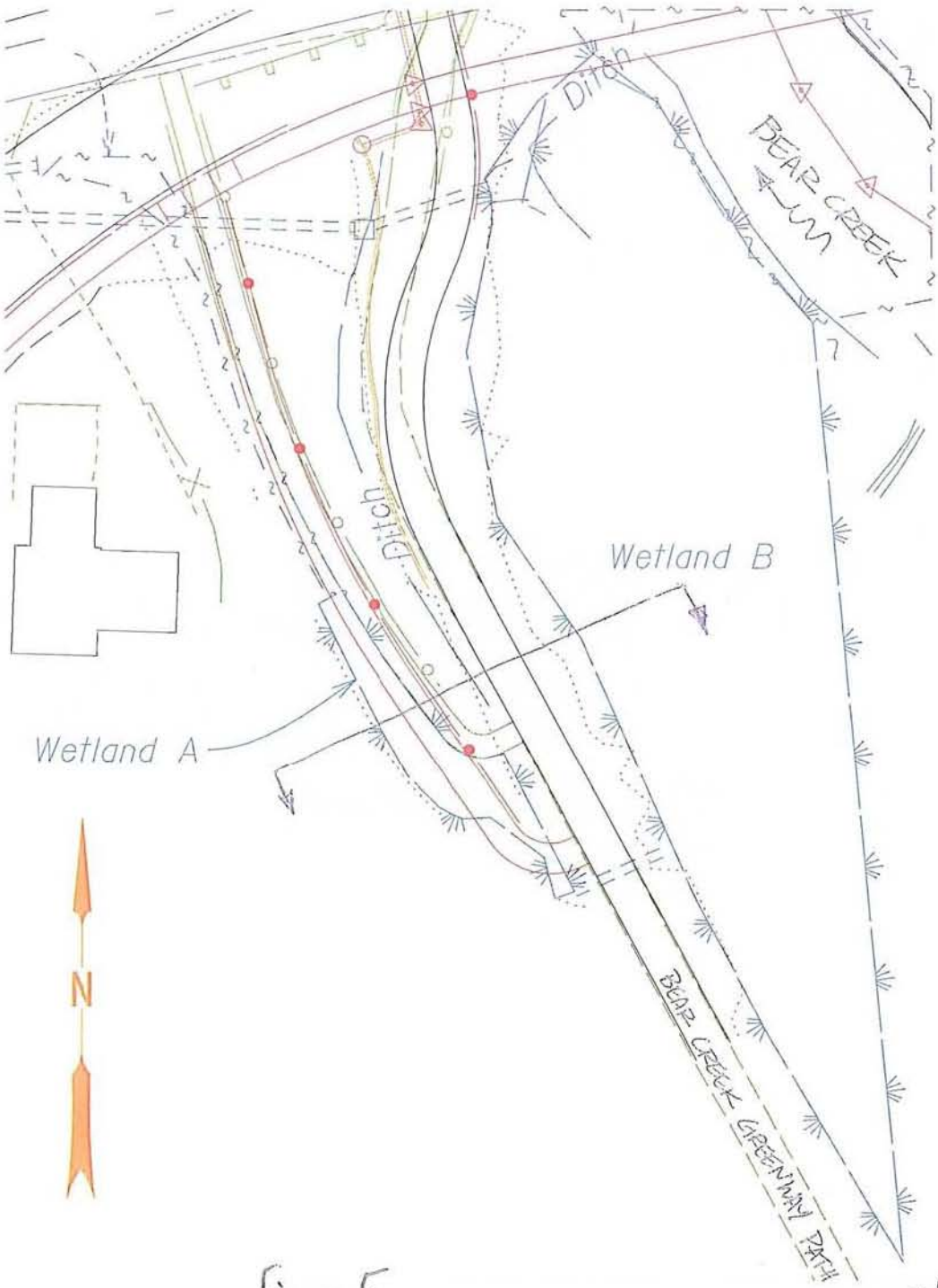
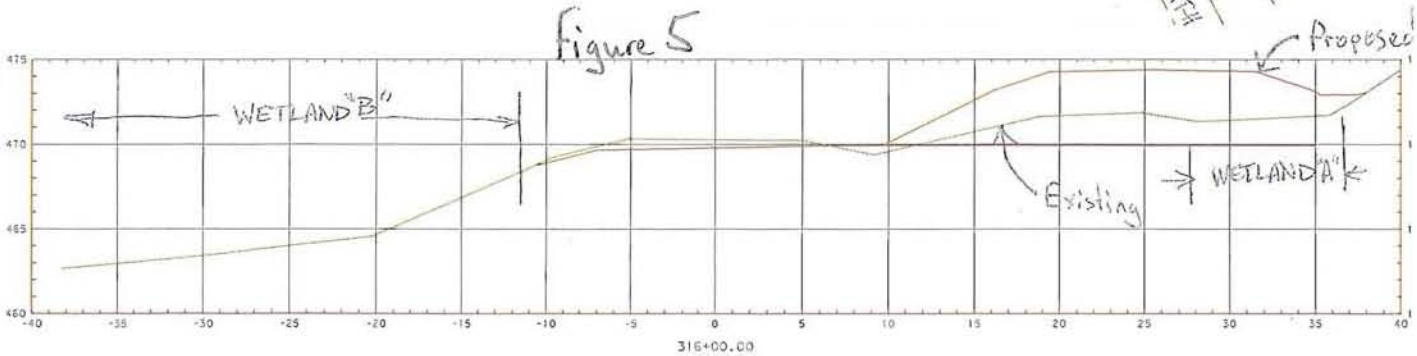

Ditch
BEAR CREEK
Ditch
Wetland B
Wetland A
N
BEAR CREEK GREENWAY PATH

figure 5


Proposed
WETLAND "B"
Existing
WETLAND "A"
475
470
465
460
-40
-35
-30
-25
-20
-15
-10
-5
0
5
10
15
20
25
30
35
40
316+00.00

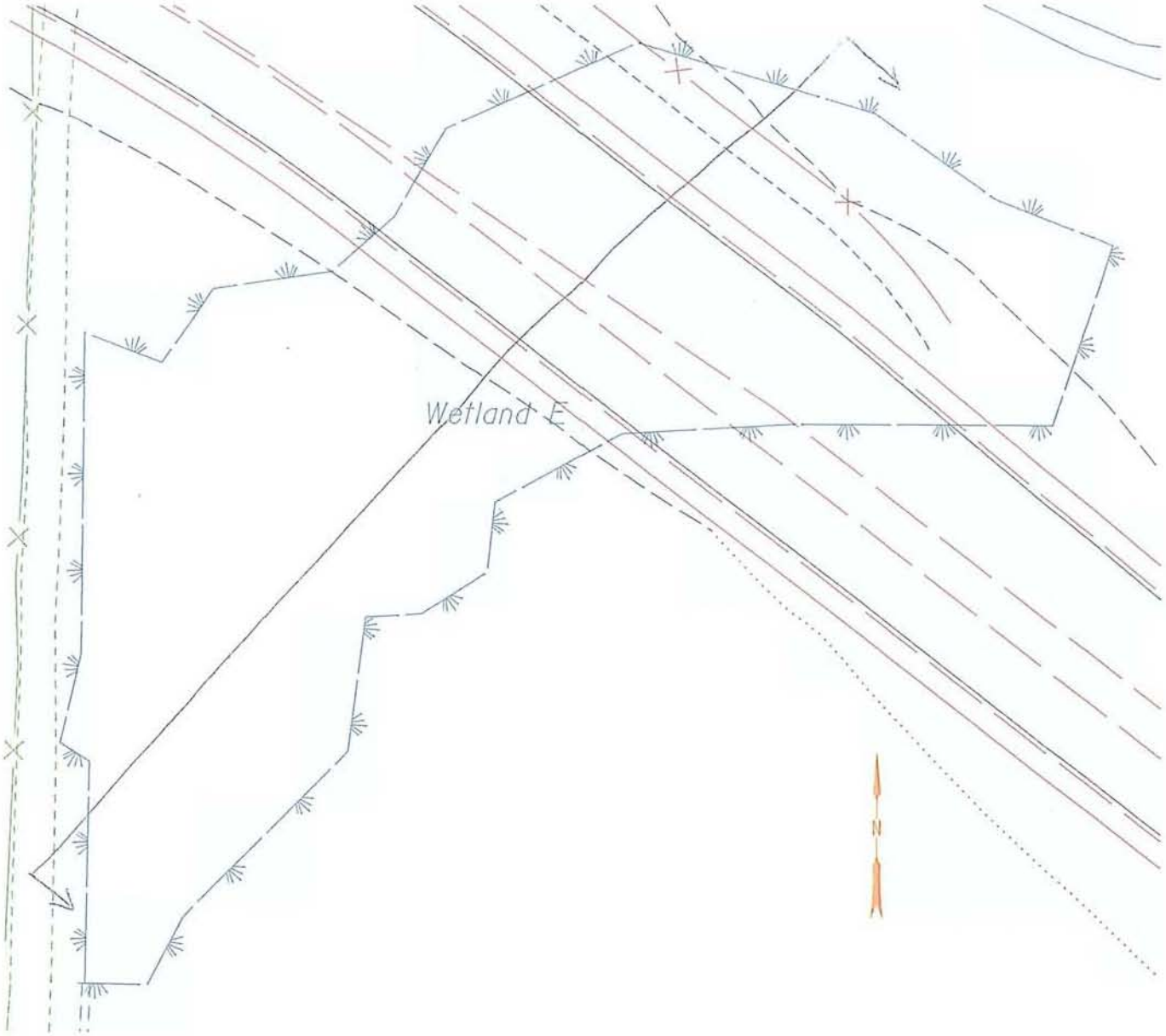
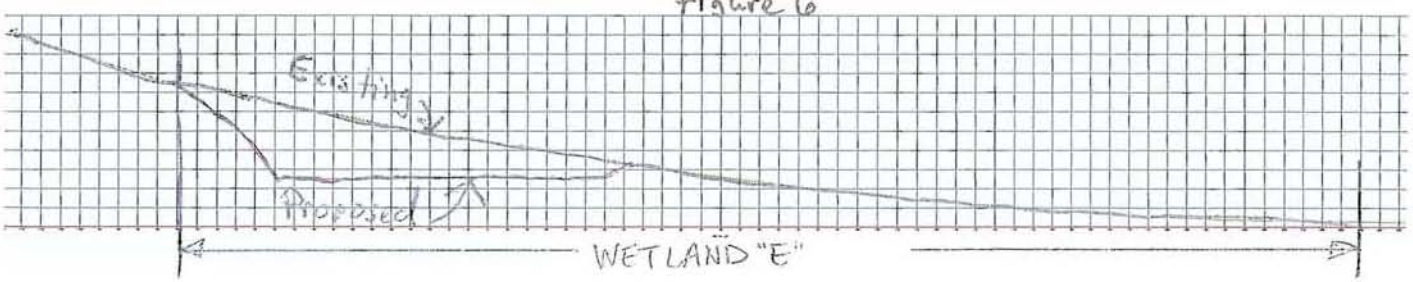


Figure 6



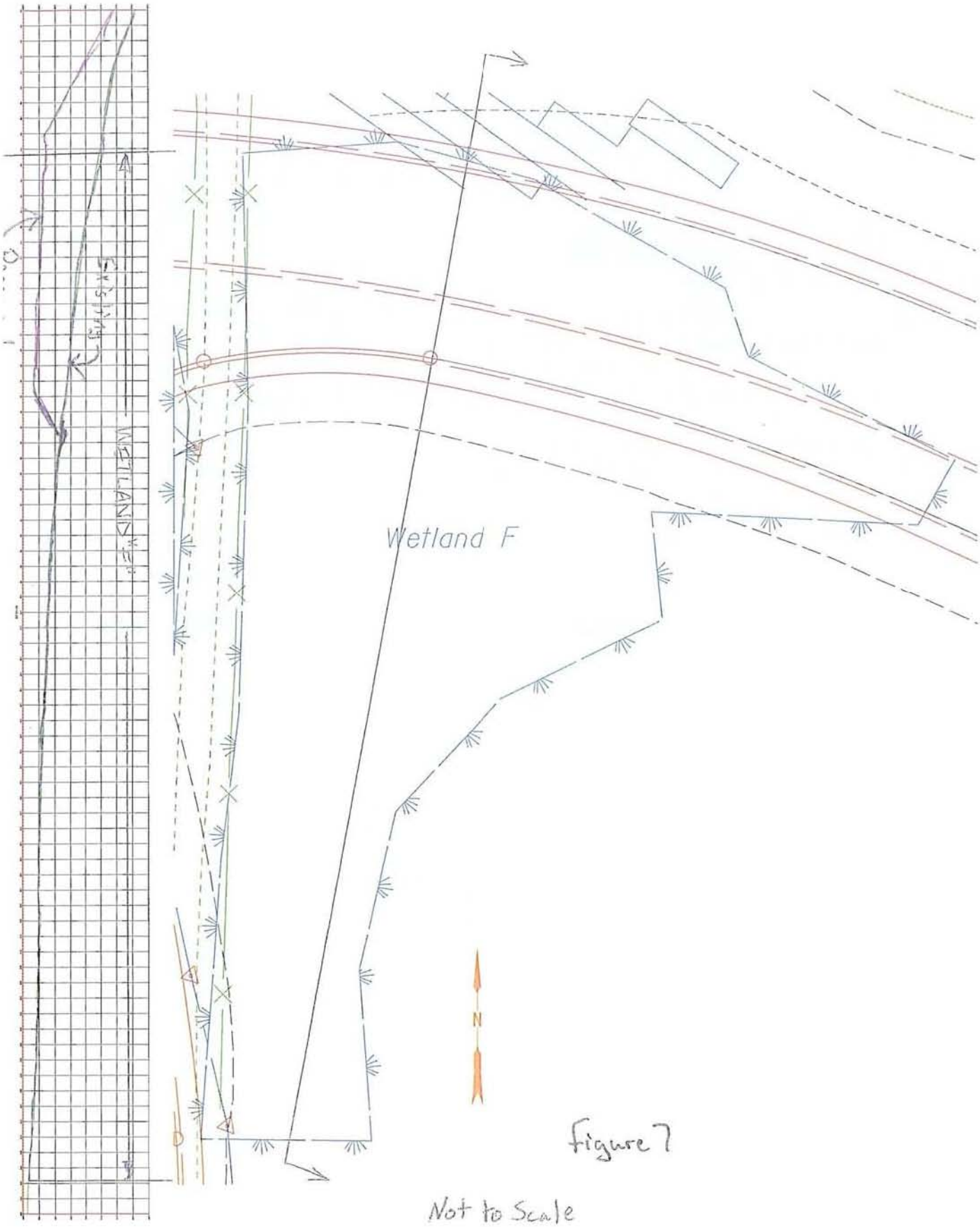


figure 7

Not to Scale

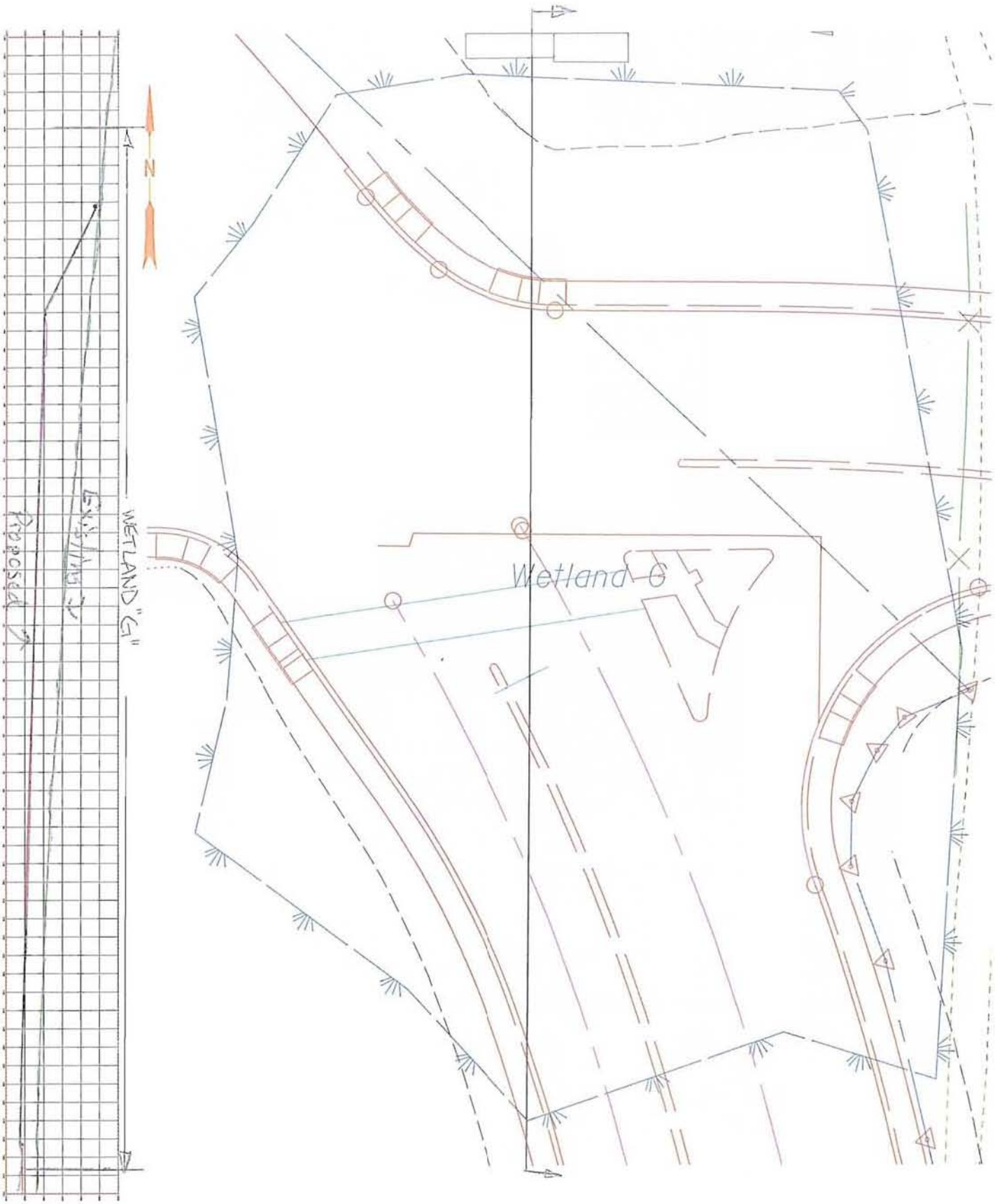
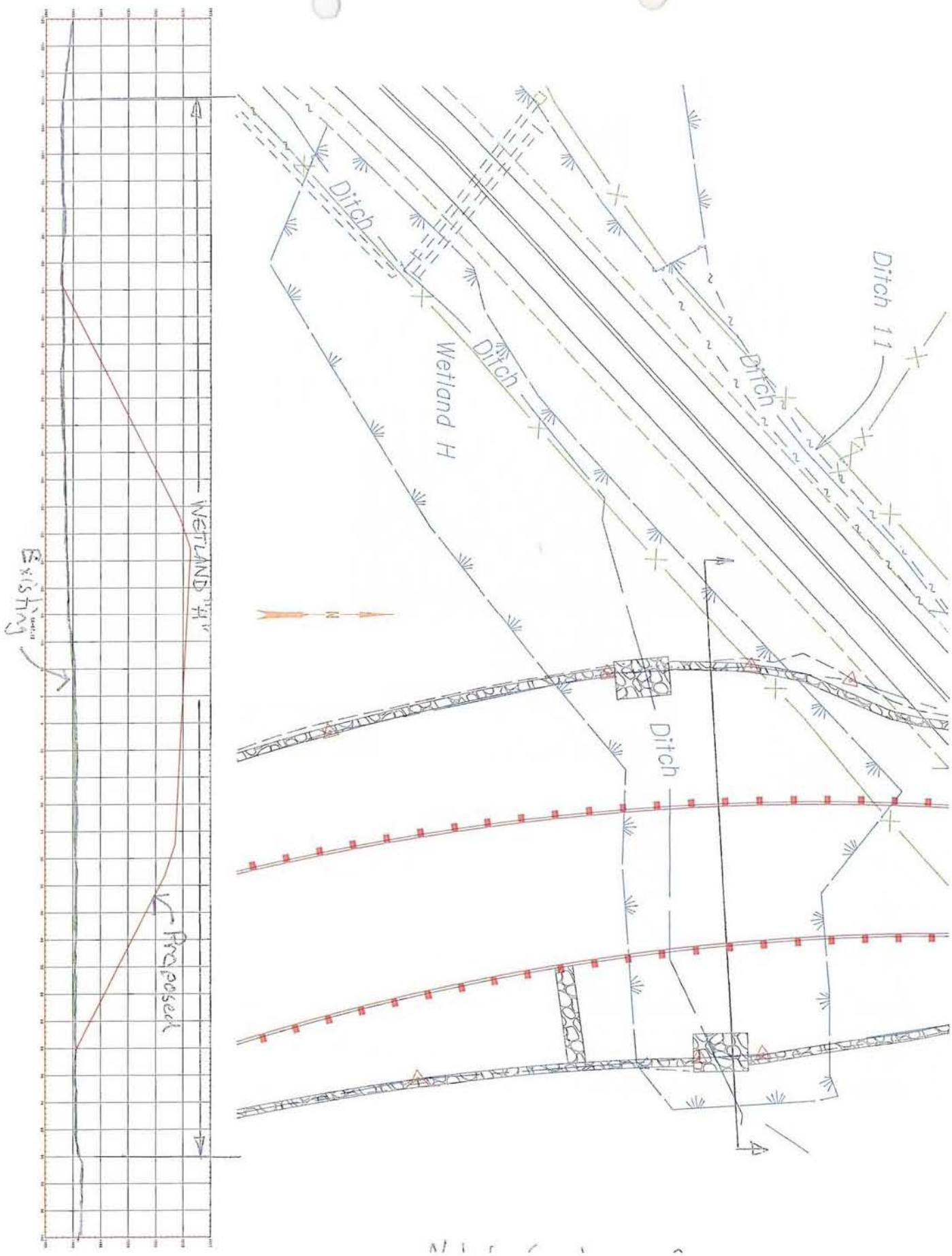
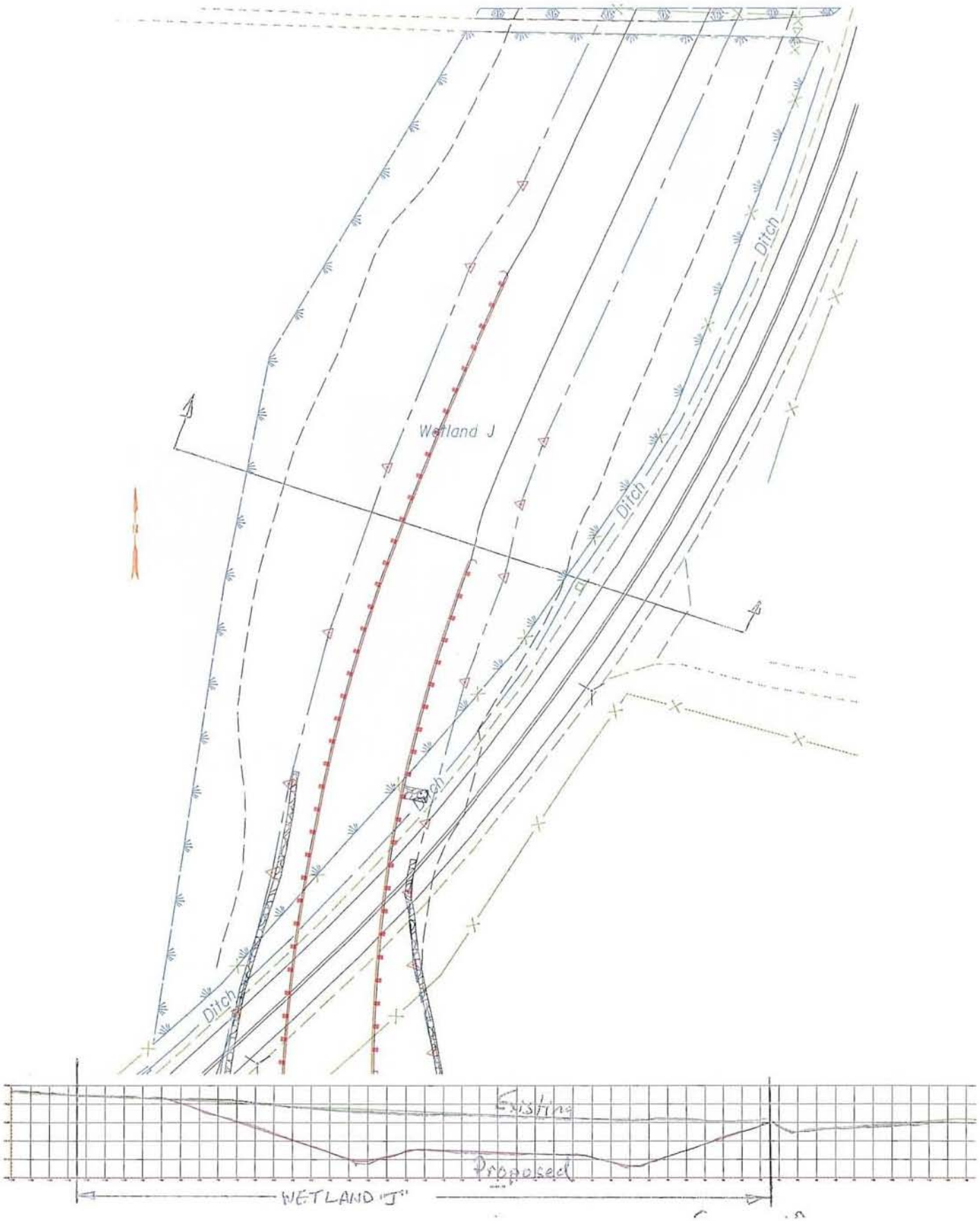


Figure 8


Ditch
Ditch
Ditch
Ditch
Ditch 11
Wetland H
WETLAND "H"
Existing
Proposed


Wetland J
Ditch
Ditch
Ditch
Ditch
Existing
Proposed
WETLAND "J"

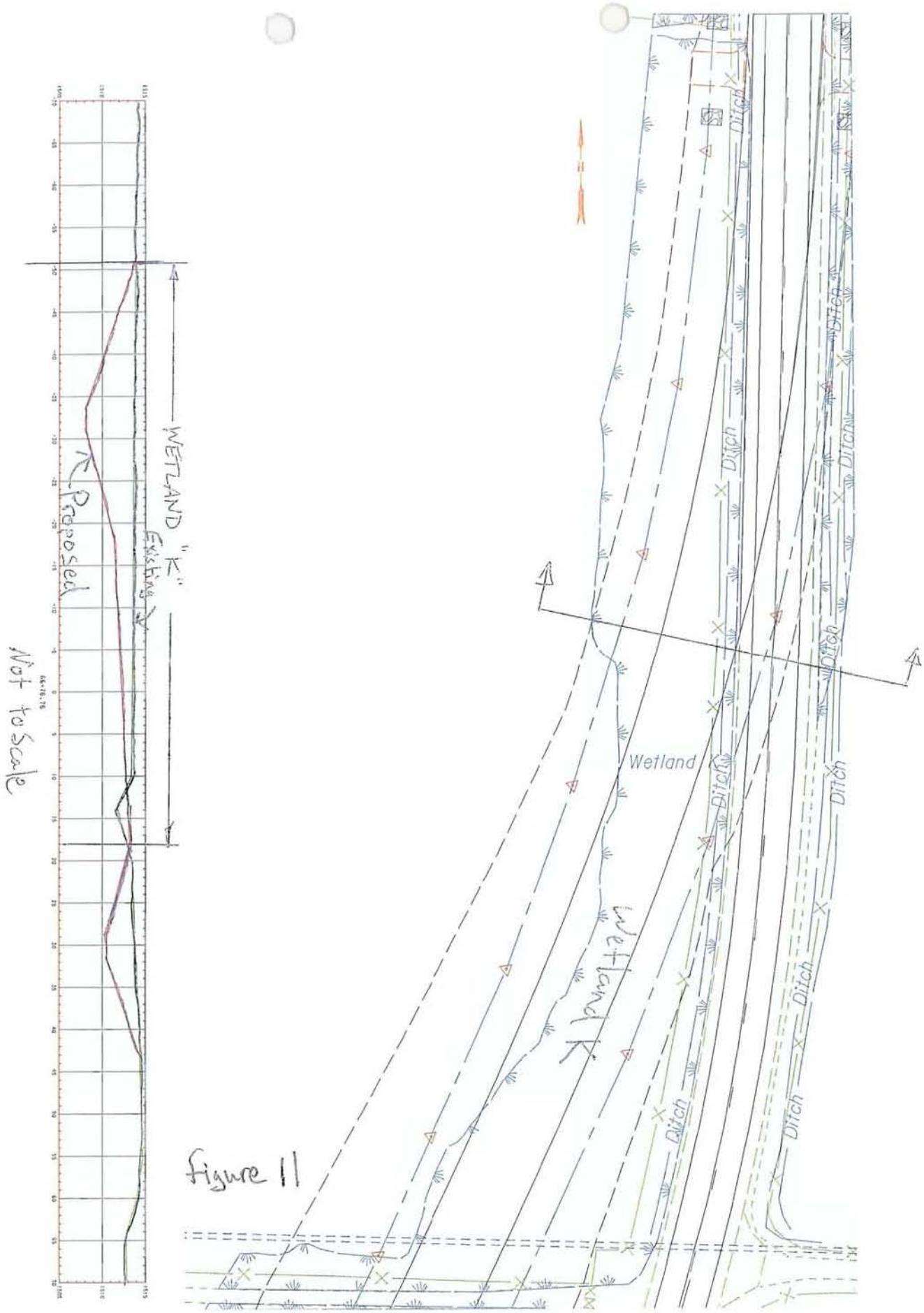

WETLAND "K"
Proposed
Existing
Not to Scale
Wetland
Ditch
Wetland K

figure 11

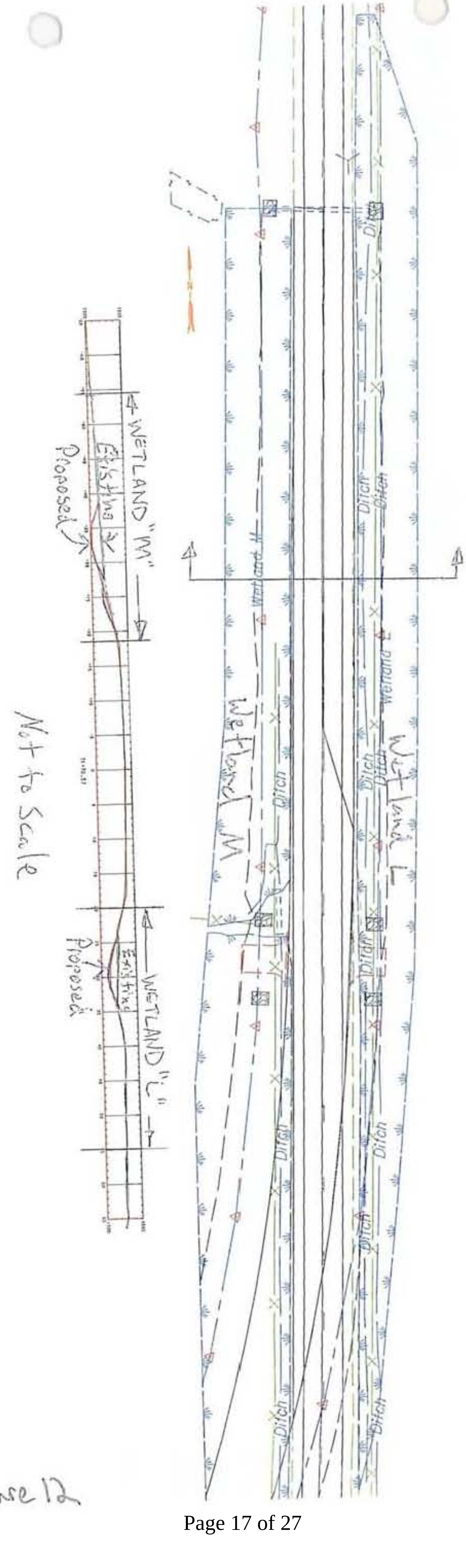
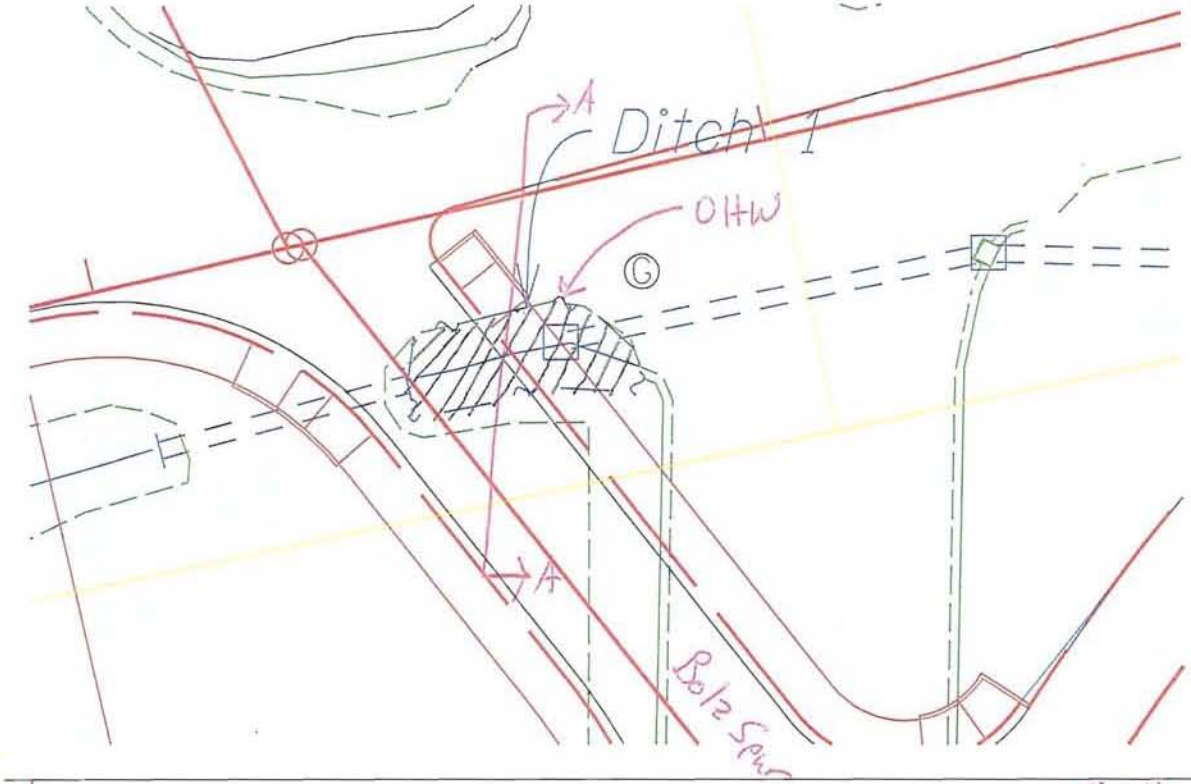
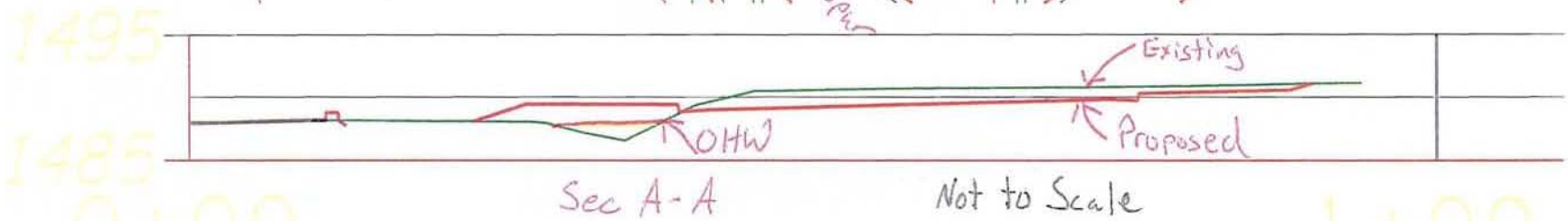

WETLAND "M"
Existing
Proposed
Not to Scale
WETLAND "L"
Existing
Proposed
Wetland M
Wetland L
Ditch
Wetland

figure 12





Sec A-A

Not to Scale

Ditch 1

Impact Area below OHW ~ 0.009 Acres
Fill below OHW ~ 15 CY
Removal below OHW ~ 0.0 CY

Figure 14

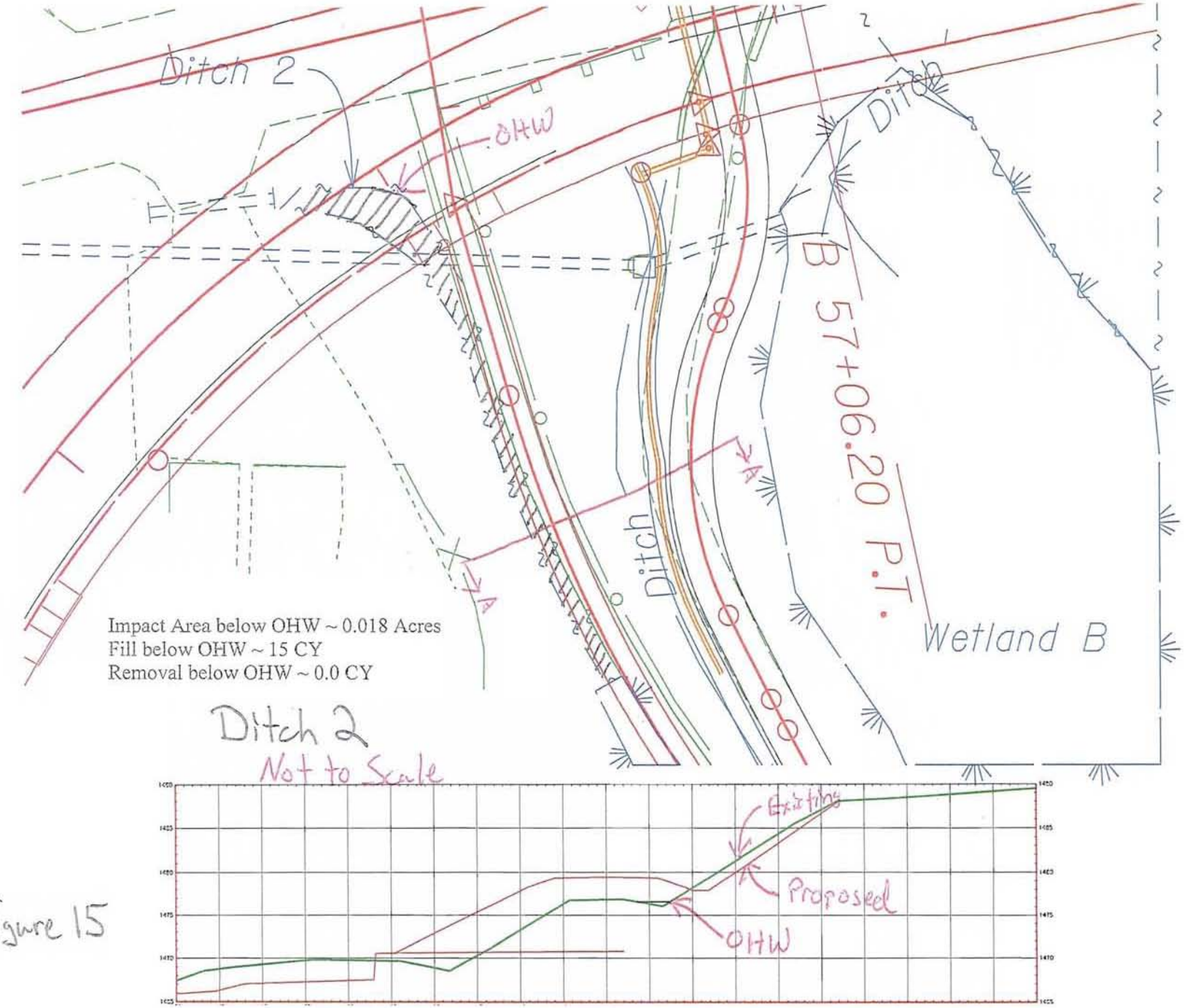

Ditch 2
OHW
Ditch
B 57+06.20 P.T.
Ditch
Wetland B
Impact Area below OHW ~ 0.018 Acres
Fill below OHW ~ 15 CY
Removal below OHW ~ 0.0 CY
Ditch 2
Not to Scale
Existing
Proposed
OHW

figure 15

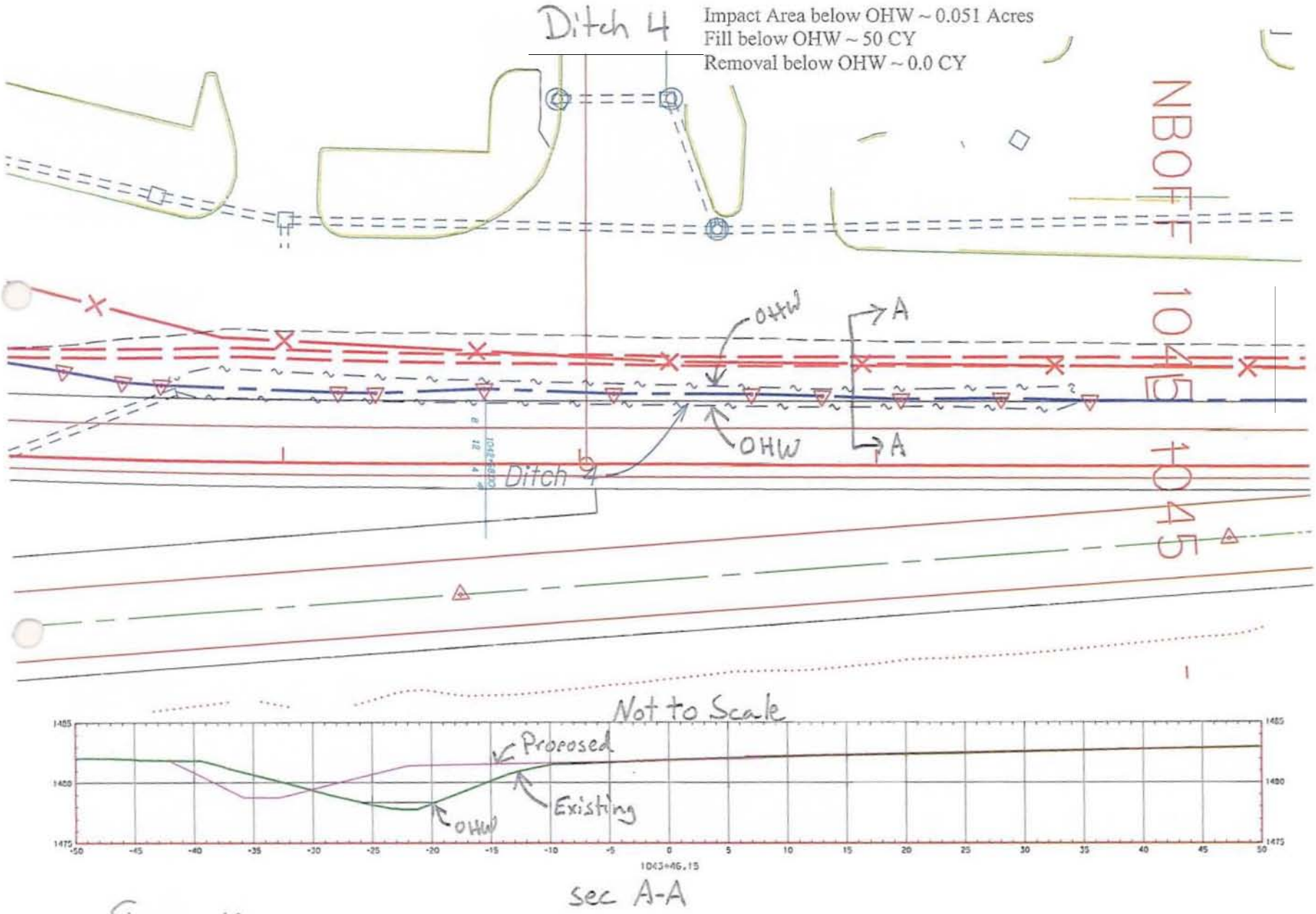
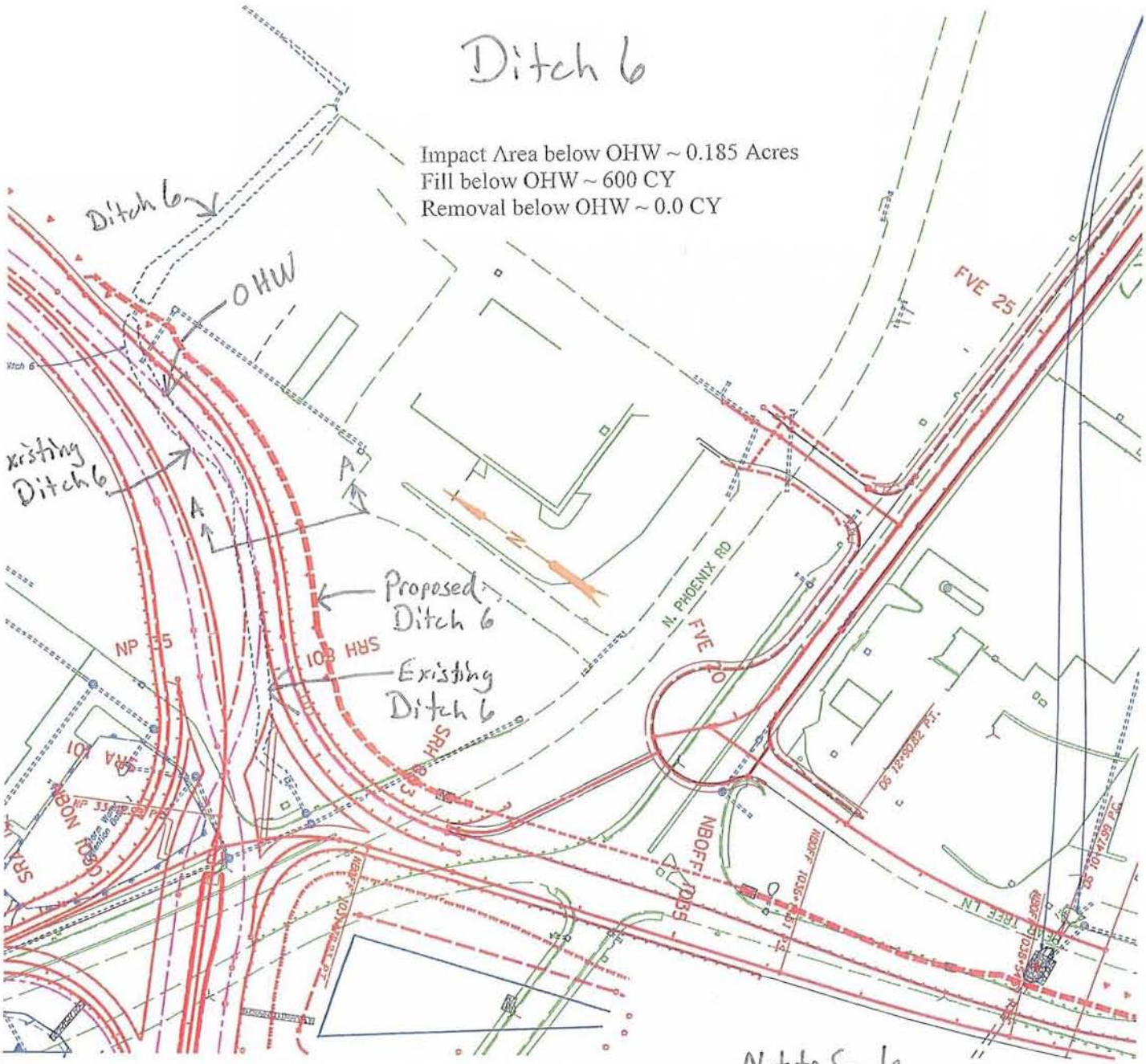
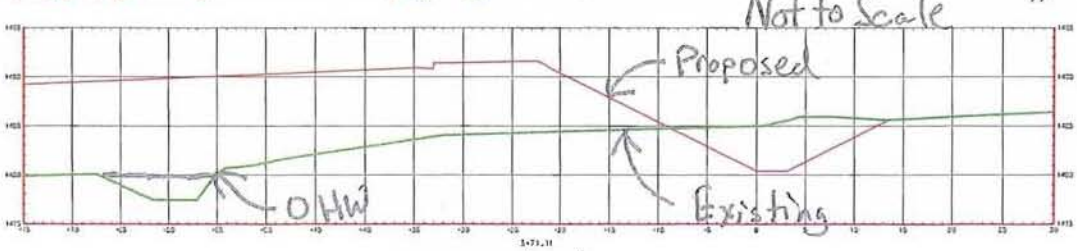

Ditch 4
Impact Area below OHW ~ 0.051 Acres
Fill below OHW ~ 50 CY
Removal below OHW ~ 0.0 CY
NBOFF 1045 1045
OHW
A
OHW
A
Ditch 4
Not to Scale
Proposed
Existing
OHW
1043+46.15
sec A-A

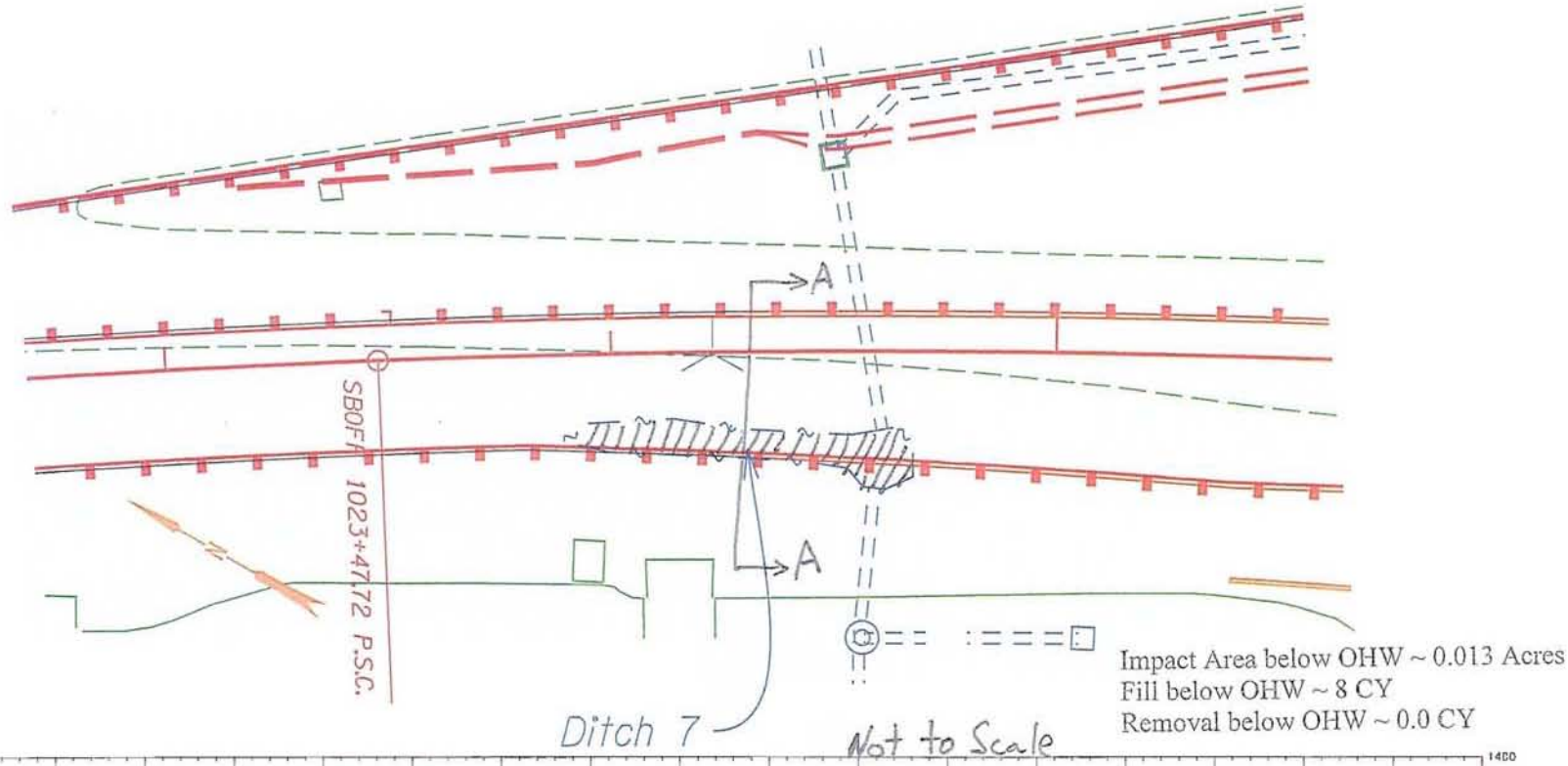
Figure 16





Sec A-A

Figure 17



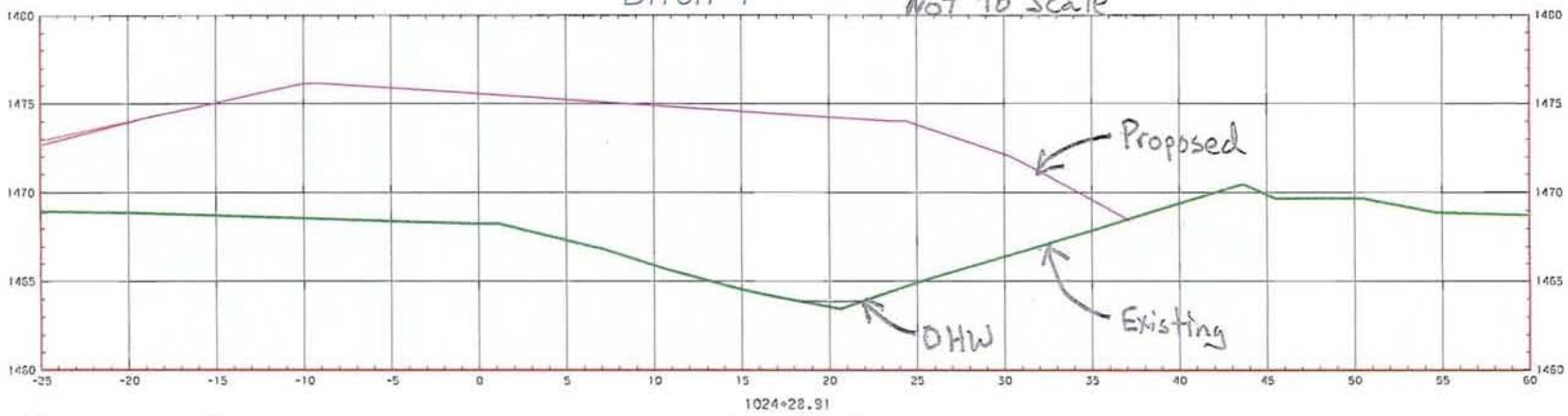


Figure 18

Sec A-A

Impact Area below OHW ~ 0.015 Acres
Fill below OHW ~ 38 CY
Removal below OHW ~ 43 CY

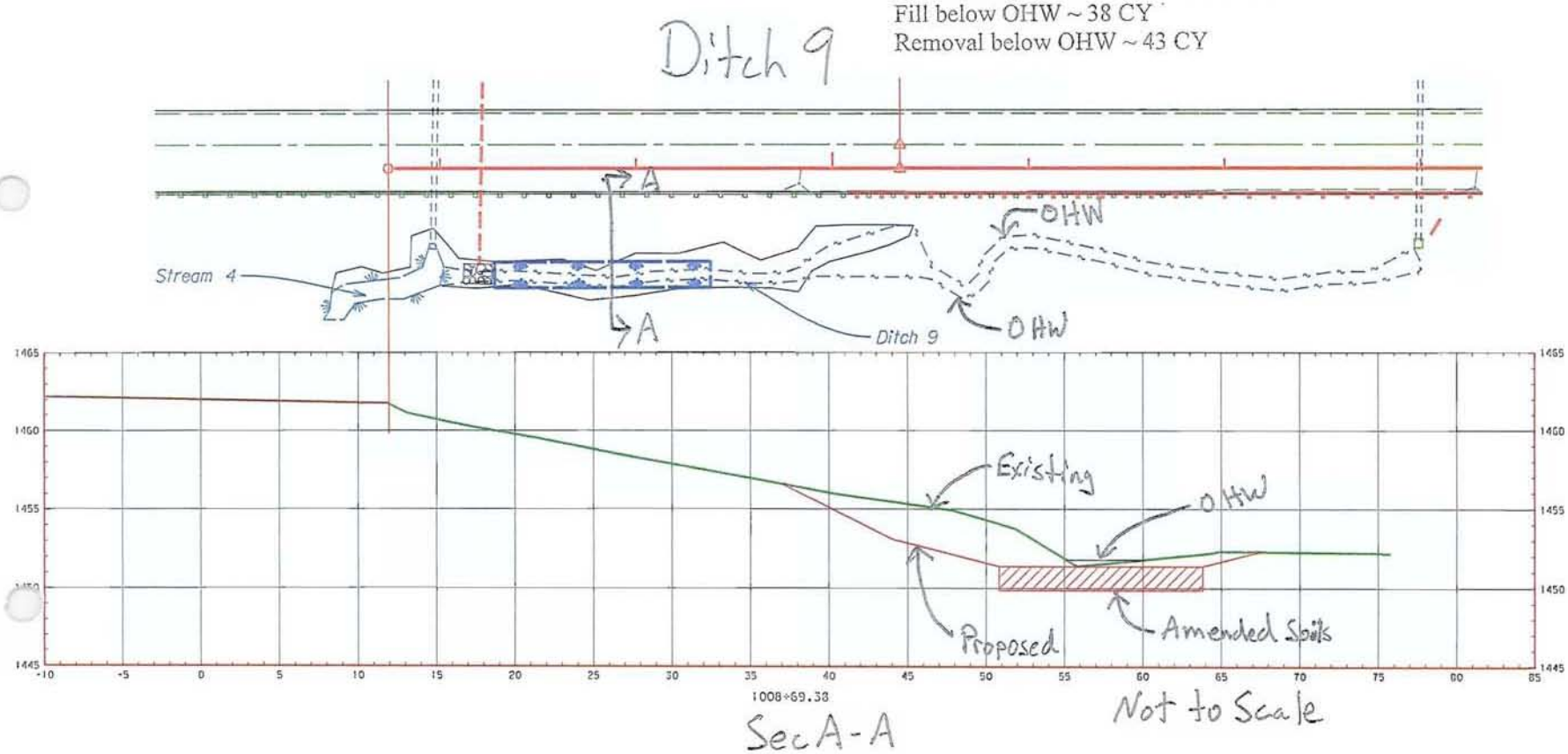


Figure 19

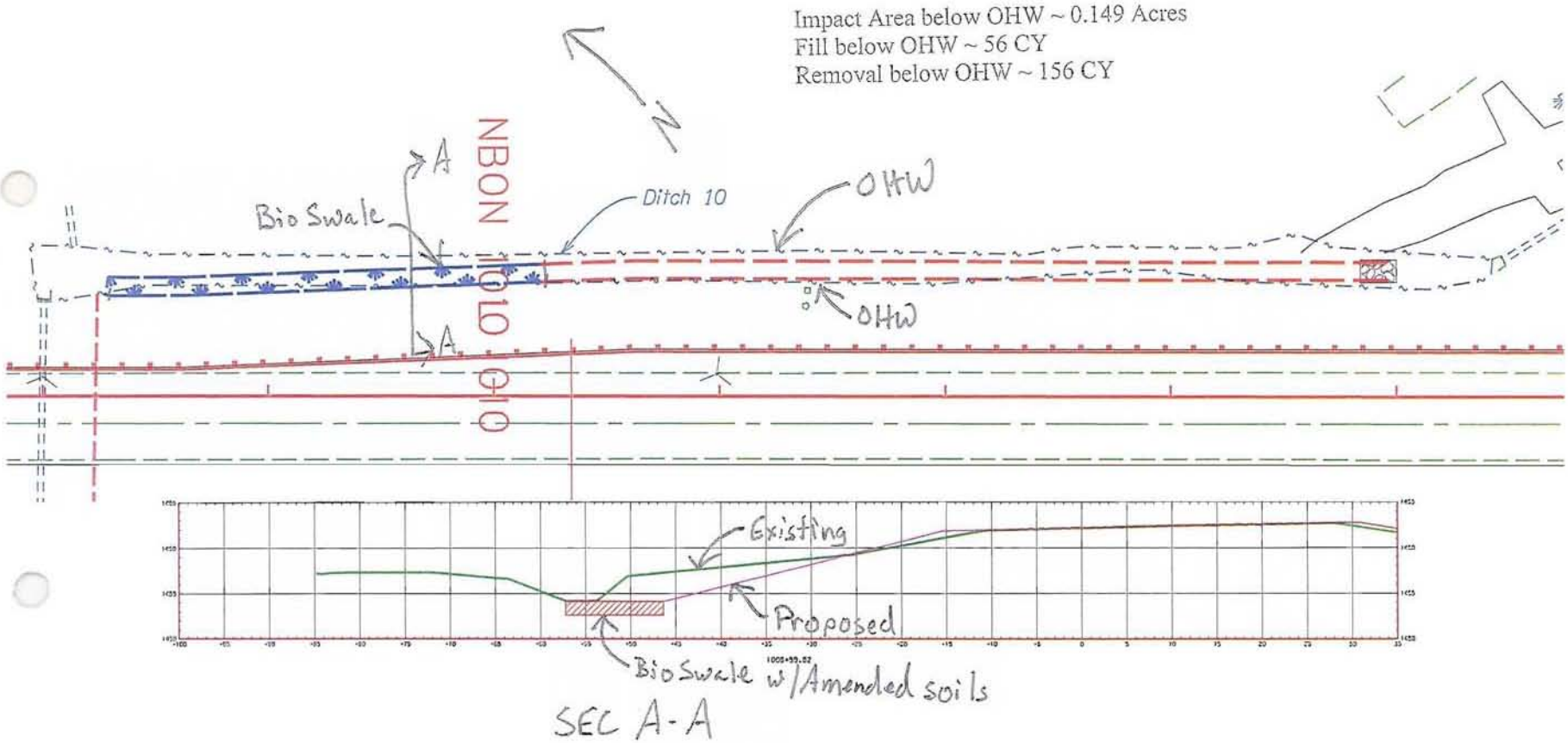

Impact Area below OHW ~ 0.149 Acres
Fill below OHW ~ 56 CY
Removal below OHW ~ 156 CY
N
A
A
Bio Swale
Ditch 10
OHW
OHW
NBON 1010 010
Existing
Proposed
Bio Swale w/Amended soils
SEC A-A

figure 20

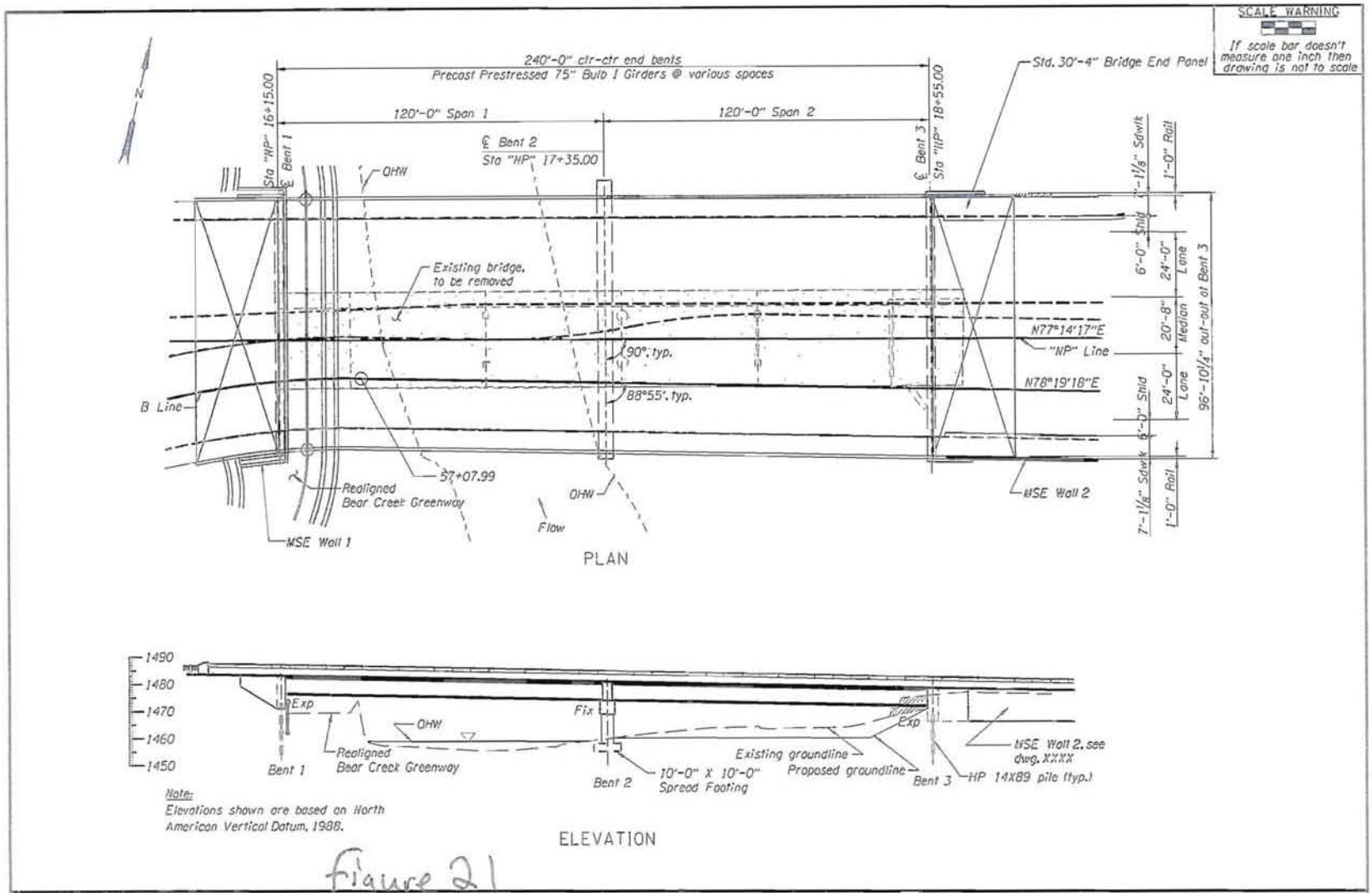


figure 21

OREGON DEPARTMENT OF TRANSPORTATION	I-5: FERN VALLEY INTERCHANGE, UNIT 2 PACIFIC HIGHWAY JACKSON COUNTY	FISH PASSAGE PLAN
REGION 3 - TECHNICAL CENTER		BEAR CREEK BRIDGE — SHEET NO.

F:\ODOT_DATA\Projects\12723_Fern_Valley_Interchange\12723_Inroads&Microstation\12723permit_sheets.dgn :: Default 4/17/2012 3:27:05 PM - 00wye30p

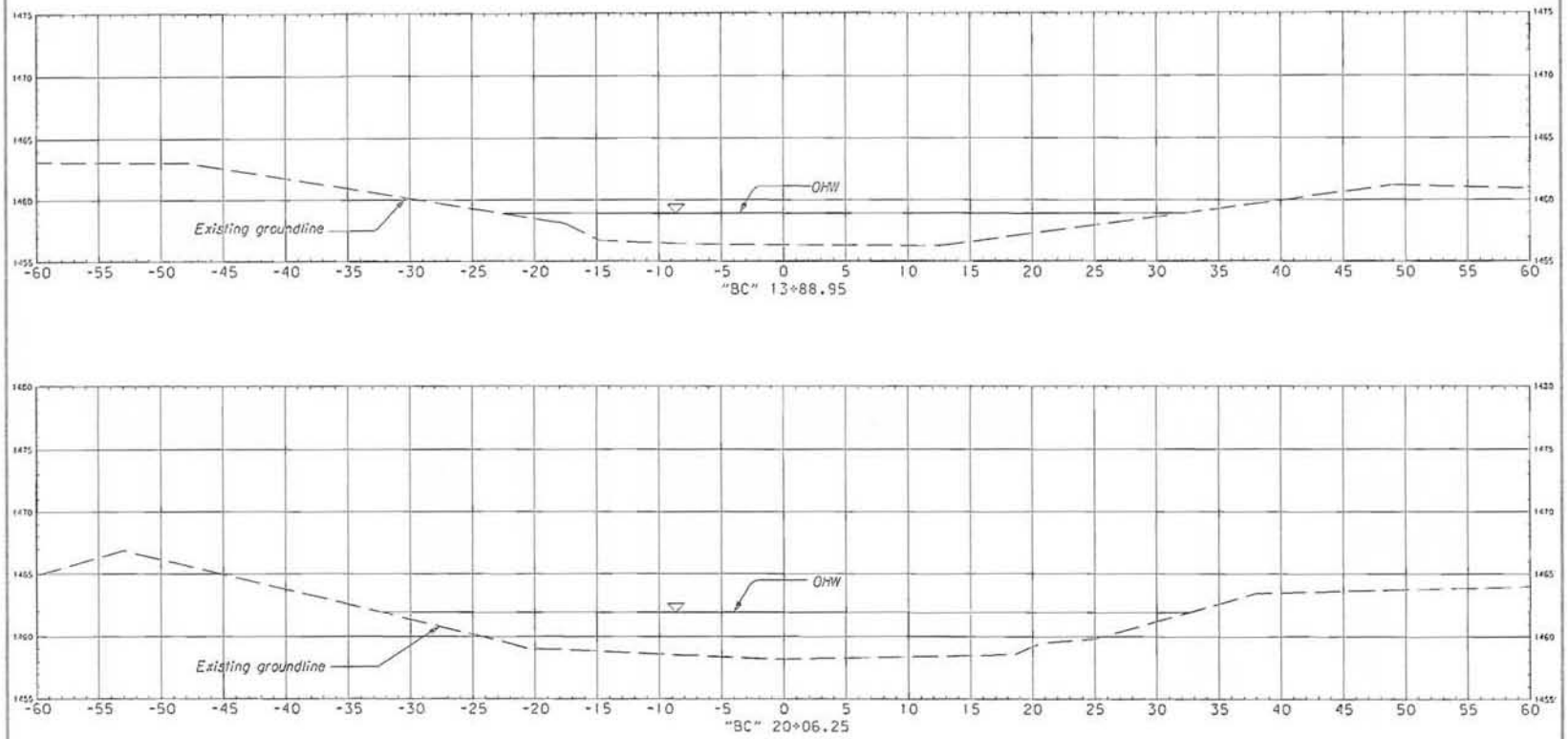
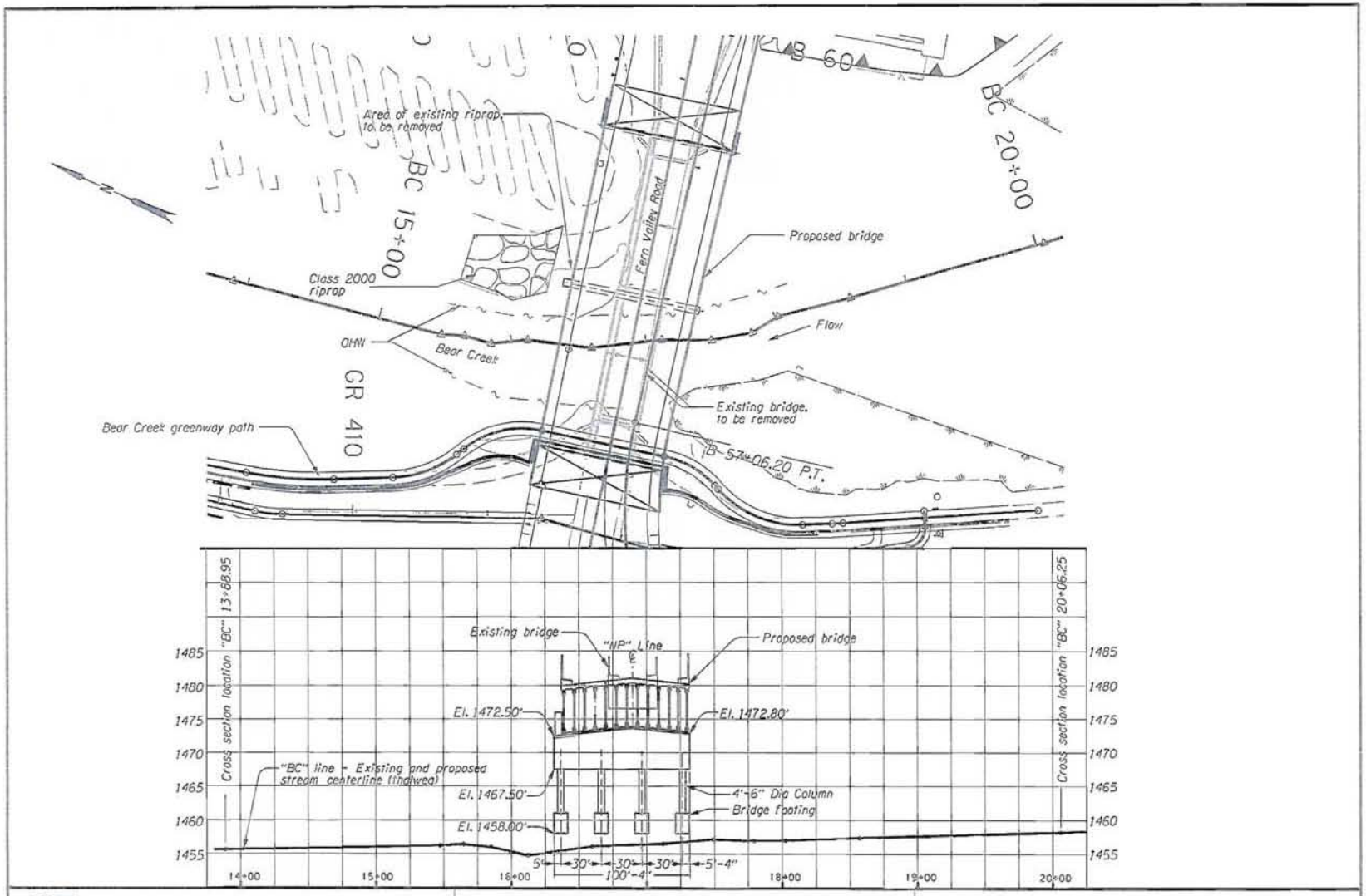


figure 22

OREGON DEPARTMENT OF TRANSPORTATION	I-5: FERN VALLEY INTERCHANGE, UNIT 2 PACIFIC HIGHWAY JACKSON COUNTY	FISH PASSAGE PLAN
REGION 3 - TECHNICAL CENTER		STREAM CHANNEL CROSS SECTIONS SHEET NO.

F:\ODOT_DATA\Projects\12723_Fern_Valley_Interchange\12723_Inroads&Microstation\12723permit_sheets.dgn :: Default 4/17/2012 1:24:03 PM - 002wye30p



OREGON DEPARTMENT OF TRANSPORTATION

REGION 3 - TECHNICAL CENTER

I-5: FERN VALLEY INTERCHANGE, UNIT 2
PACIFIC HIGHWAY
JACKSON COUNTY

figure 23

FISH PASSAGE PLAN

BEAR CREEK PLAN & PROFILE

SHEET NO.

F:\ODOT_DATA\Projects\12723_Fern_Valley_Interchange\12723_Inroads&Microstation\12723permit_sheets.dgn :: Default 4/17/2012 1:29:00 PM - 007ye30p