

**TOWN OF ALDEN
WORK SESSION
MARCH 26, 2012
7:00 P.M.**

VOUCHERS

- 1. BUDGET/TOM MALECKI per S/HM**

- 2. WATER LINES per S/HM**

- 3. REFUSE CONTRACT per S/HM**

- 4. TWO (2) NEW PICK UP TRUCKS per HS/CF**

- 5. BERGMANN AGREEMENT AMENDMENT per CW/MR**

- 6. DUMP BOX per PS/AS**

- 7. SHELTER AGREEMENT per TA/JS**

WS-3/26/12

February 27, 2012

Mr. Harry Milligan
Supervisor, Town of Alden
3311 Wende Road
Alden, NY 14004

Re: Additional Civil Engineering Services, Town of Alden Park Improvements

Dear Mr. Milligan:

As discussed with Colleen in previous phone calls, the football fields project schedule has been extended due to the fact the contractor has not completed his work before the end of the 2011 growing season. Because of this, Bergmann has expended additional efforts on the inspection of the fields. Also in dealing with the wetlands along the Trail project Bergmann has been monitoring these conditions to help provide the Army Corps of Engineer's enough information in making their decision if there will be any impacts to the wetlands during construction. This work was not initially part of our original scope, however we performed the work in hopes that it would fall within or original fee.

To account for the additional services, Bergmann would like to adjust our contract amount with the Town of Alden. The total contract amount itemized is as follows:

Existing Revised Contract	
Survey	\$9,000.00
Construction Documents	\$18,509.74
Construction Administration	\$9,000.00

Previous Additional Services	
Relocation of Existing Walking Path	\$1,880.00
Second Bid Package for Fields	\$2,700.00
<u>Sub Total</u>	<u>\$41,089.74</u>

New Additional Services	
Wetland Monitoring	\$1,500.00
CA work for Football Field	\$2,250.00
<u>Sub Total</u>	<u>\$3,750.00</u>
Total New Contract Amount	\$44,839.74

We would also like to adjust our reimbursable expenses budget to include an additional \$750. This will cover the expense the additional trips for inspections.

Please review these amounts and call me with any questions concerning these additional services.

Sincerely,
Bergmann Associates, Inc.



Andrew M. Hart, RLA, ASLA
Regional Business Segment Manager

Approved by: _____

Title: _____ Date: _____

Parks

Alden

Friday, March 9, 2012 11:23 AM

From: "Hart, Andrew" <ahart@bergmannpc.com>
To: "Colleen Rogers" <aldensuper@yahoo.com>
Cc: "Shaw, Eric" <eshaw@BERGMANNPC.com>

Hi Colleen we received your message and Eric will send out 4 copies of the bid packages for the trail to you today. Also, in terms of the additional visits for the Football Field we are looking at potentially 8-12 more depending on how long it takes the lawn to get established. Thanks, Andy

Andrew M. Hart, RLA, ASLA
BUSINESS SEGMENT MANAGER

Bergmann Associates
architects // engineers // planners
28 East Main Street // 200 First Federal Plaza
Rochester, New York 14614-1909
office: 585.232.5137 x422 // mobile: 585.957.2005
ahart@bergmannpc.com // www.bergmannpc.com

our people and our passion in every project.

Project Description and Purpose

The Town of Alden has received a grant from the New York State Office of Parks, Recreation and Historic Preservation through Title 9 of the Environmental Protection Act of 1993 to make improvements to the Alden Memorial Town Park and the Joe Panza Nature Trail.

The Joe Panza Nature Trail is an approximately 1.5 mile, 5 foot to 10 foot wide mulched hiking trail that occurs largely within the wooded portion of Alden Memorial Park. The trail is used as a passive hiking trail by the residents of the Town of Alden, as well as by the nearby high school's cross-country and track teams for practice.

Portions of the trail are seasonally muddy and over time have become depressed, further exacerbating the problem by trapping surface runoff. The goal of this project is to improve the muddy portions of the trail so that it can be used year round. The grant funding is intended to improve approximately 5,800 LF of mulch trail.

A topographic survey was performed for the park and trail in May 2011. At that time, a number of areas of standing water adjacent to the trail were surveyed and mapped. These can be found in the attached materials on the Overall Site Plan, Drawing C101. In addition, resources were checked to determine the presence or absence of potential wetlands on site. No New York State Department of Environmental Conservation (NYSDEC) mapped jurisdictional wetlands occur within the vicinity of the project site. However, mapped federal wetlands occur within the project site as shown on Drawing C101. Following the topographic survey, field visits were made to identify those portions of the trail in greatest need of repair. Those areas have been documented on Drawing C101 and Drawings C102 through C107 in greater detail.

During subsequent site visits between June 2011 and November 2011 (six in total), the conditions of these wet areas and the trail were observed and photographed to monitor any fluctuations in the amount of standing water and to gain a better understanding of the hydrologic conditions surrounding the trail. Photo locations are noted on Drawing C101.

To improve these trail areas, the proposed cross-section consists of Type 2 gravel of varying thickness (seven to ten inches) laid down over a geotextile fabric and topped with two to three inches of hardwood mulch. Up to three (3) inches of existing trail surface that contains unsuitable material (mulch mixed with muddy soils) will be removed to provide for a better base for the gravel. All improvements will occur within the footprint of the existing trail; no widening is planned. Where existing cross culverts occur, they will be replaced. In areas of obvious surface flow over the trail, culverts may be installed to allow for the free flow of water to either side of the trail. Culvert length will be limited to the existing trail width plus shoulders. During construction, silt fence will be installed along both sides of the trail in the selected work area and the Contractor's work limits will be limited to the existing trail width. This will eliminate disturbance and any potential impacts to areas beyond what is required to construct the improved trail sections.

Map C101 thru C107, C501
Photos: A-K



our people and our passion in every project

Alden Town Park - Joe Panza Nature Trail Improvements

Photographs of Field Observations: (Refer to Dwg. C101 for locations)

Area A Photos:



Photo A1 – June 1, 2011



Photo A2 – September 9, 2011





Photo A3 – October 19, 2011

Area B Photos:



ED Photo B1 – September 9, 2011



our people and our passion in every project



Photo B2 – October 19, 2011

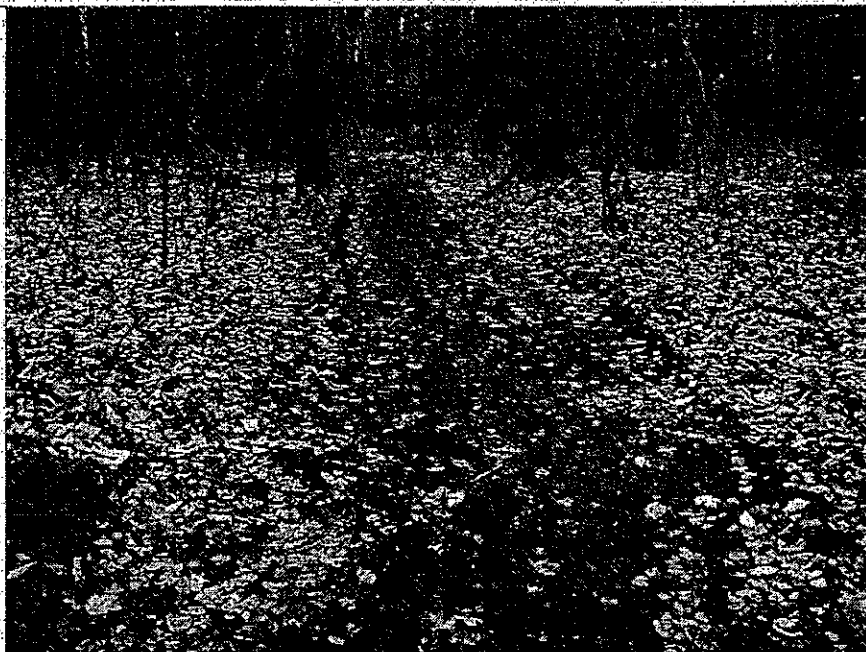


Photo B3 – November 16, 2011



Area C Photos:



Photo C1 – September 9, 2011



Photo C2 – October 24, 2011





Photo C3 – November 16, 2011

Area D Photos:



Photo D1 – September 9, 2011





Photo D2 – October 19, 2011



Photo D3 – November 16, 2011



Area E Photos:



Photo E1 – October 4, 2011



Photo E2 – October 19, 2011





Photo E3 – November 16, 2011

Area F Photos:



Photo F1 – September 9, 2011



our people and our passion in every project



Photo F2 – October 4, 2011



Photo F3 – November 16, 2011



Area G Photos:



Photo G1 – October 4, 2011



Photo G2 – October 19, 2011



Area H Photos:



Photo H1 – June 1, 2011



Photo H2 – September 9, 2011



Area I Photos:



Photo I1 – October 4, 2011



Photo I2 – November 16, 2011



Area J Photos:



Photo J1 – September 9, 2011



Photo J2 – November 16, 2011



Area K Photos:



Photo K1 – June 1, 2011



Photo K2 – September 9, 2011



our people and our passion in every project



Photo K3 – October 19, 2011



Photo K4 – November 16, 2011

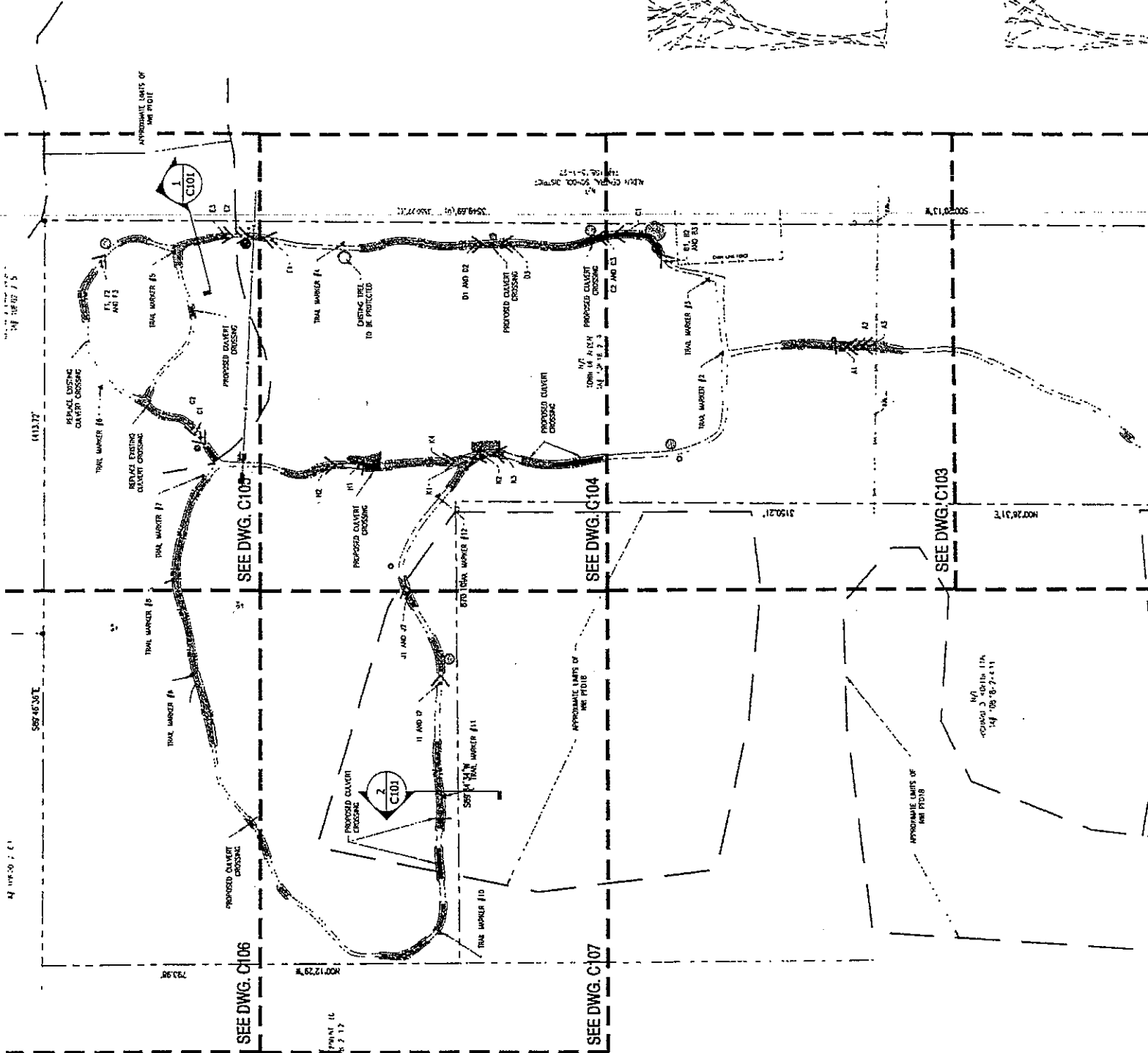


LEGEND

- [Patterned Box] = TRAIL RECONSTRUCTION SECTION A
- [Patterned Box] = TRAIL RECONSTRUCTION SECTION B
- [Line with Dashes] = SILT FENCE
- [Line with Dashes] = LIMITS OF NWI WETLANDS
- [Circle with Dots] = AREAS OF STANDING WATER AT TIME OF TOPOGRAPHIC SURVEY (MAY 9, 2011)
- [Circle with Dots] = AREAS OF STANDING WATER DURING SITE VISITS AFTER ORIGINAL FIELD SURVEY
- [Triangle with Dots] = PHOTOGRAPH LOCATION / DIRECTION

MAPPED WETLAND LEGEND

- PF01B = PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS SATURATED
- PF01E = PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS SEASONAL SATURATED
- PF04B = PALUSTRINE FORESTED NEEDLE-LEAVED EVERGREEN SATURATED



SEE DWG. C106

SEE DWG. C107

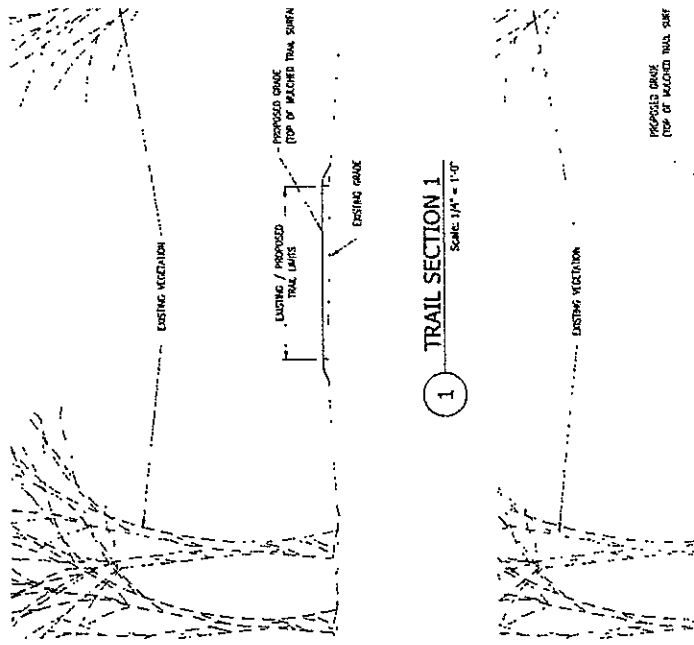
SEE DWG. C109

SEE DWG. C104

SEE DWG. C103

1

TRAIL SECTION 1
SCALE: 1/4" = 1'-0"



PROPOSED GROUND
TOP OF MATCHED TRAIL SURVEY

EXISTING VEGETATION

EXISTING GROUND

PROPOSED GROUND
TOP OF MATCHED TRAIL SURVEY

EXISTING / PROPOSED
TRAIL LINES

APPROXIMATE LIMITS OF
NWI PDI01B
DATE: 3-20-10
BY: 08-07-11

1" = 30' SCALE SHWT

LEGEND



= TRAIL RECONSTRUCT SECTION A



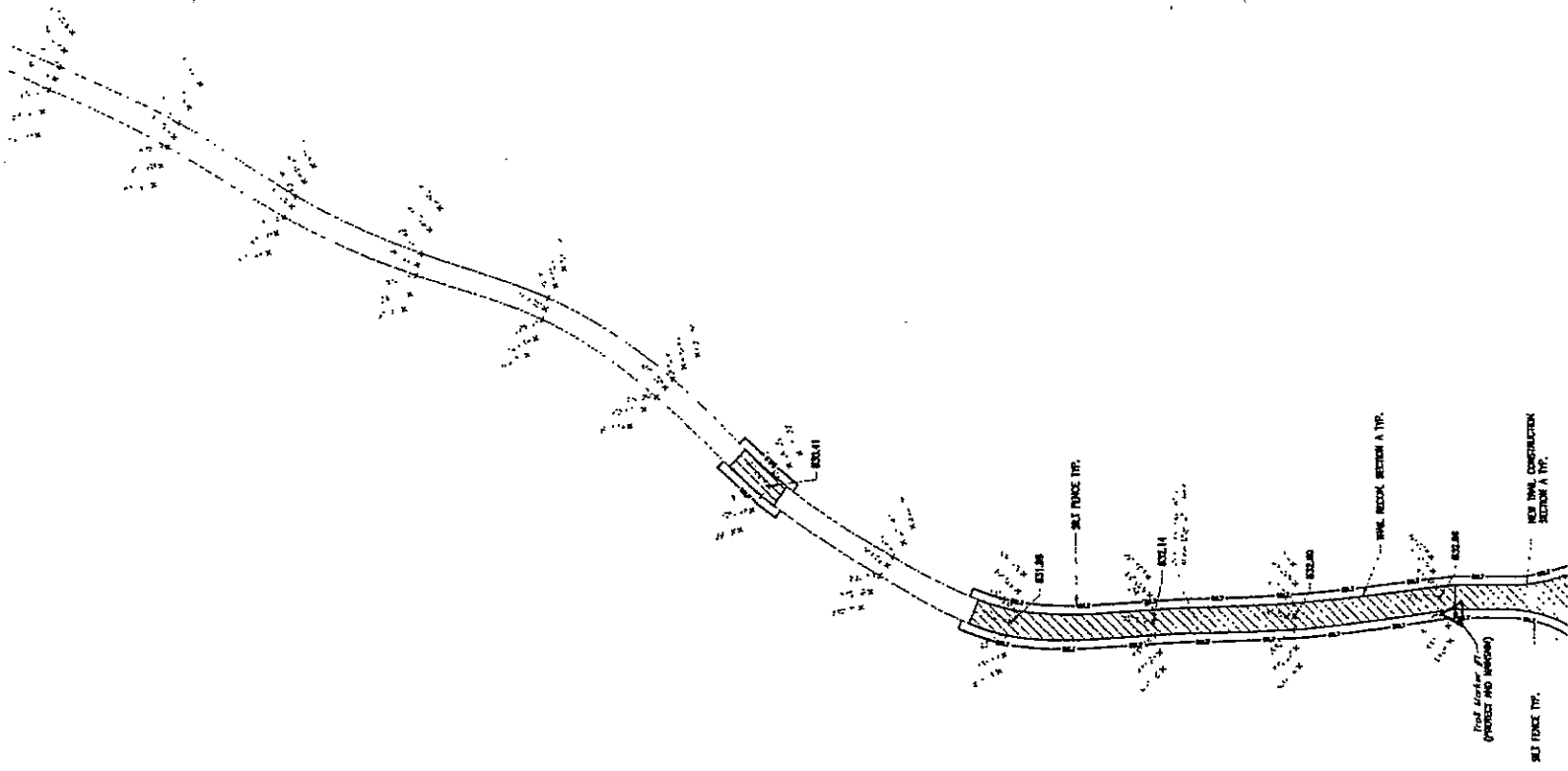
= TRAIL RECONSTRUCT SECTION B

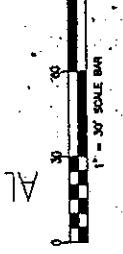
— = SILT FENCE

— · — · — = LIMITS OF NWI WET



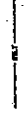


NOTES:

1. IF TRAIL ROOTS ARE ENCOUNTERED, USE STEEL PIPES AND PILE BENT PILING IN SPILL SOURCE AREAS OF CHANNELS OF UNDESIGNED MATERIAL.
2. NEW CULVERT PIPE TO BE CONSTRUCTED ON TRAIL, UNLESS OTHERWISE NOTED.

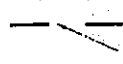
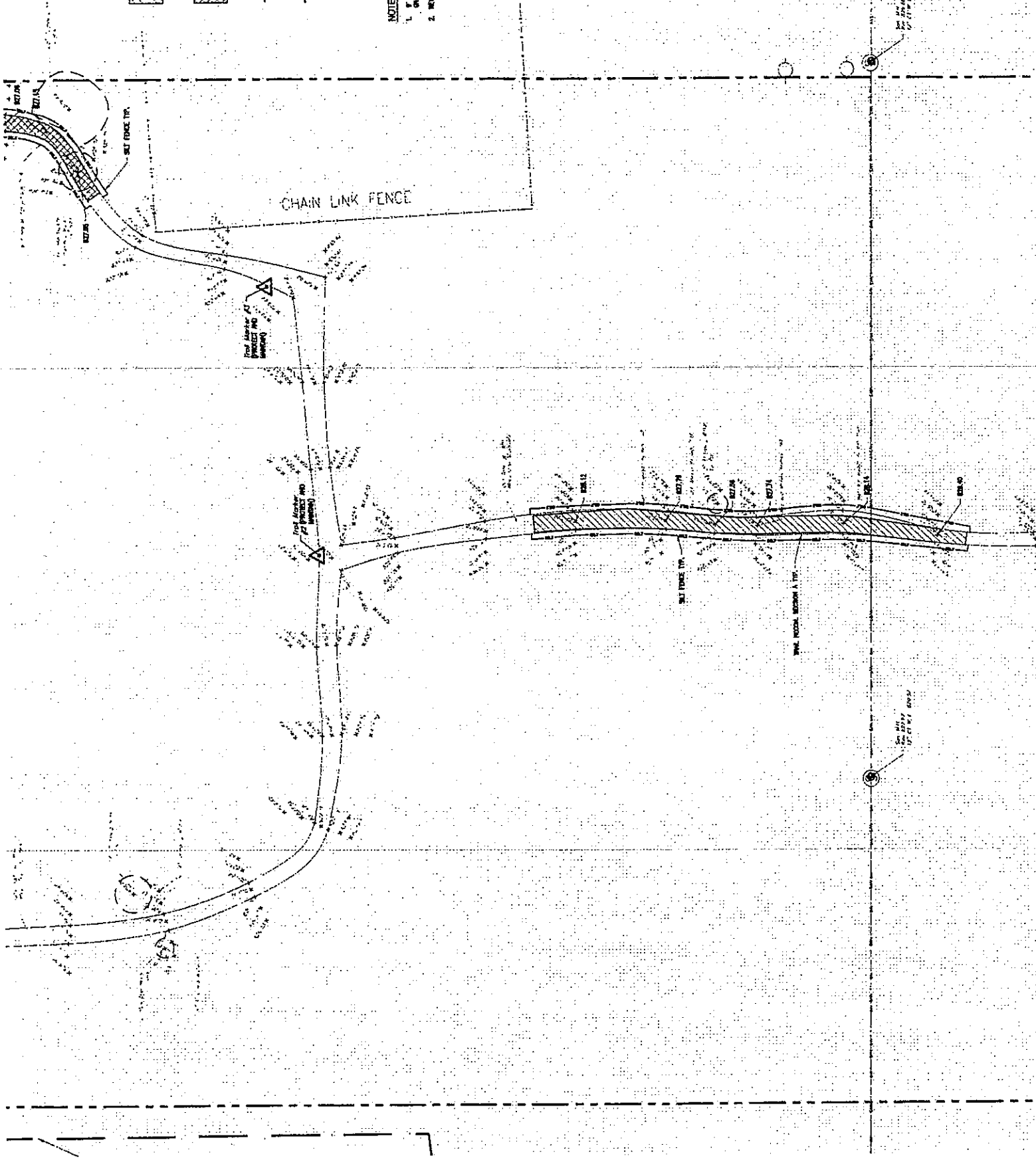




LEGEND:

-  = TRAIL RECONSTRUCTION SECTION A
-  = TRAIL RECONSTRUCTION SECTION B
-  = SILT FENCE
-  = LIMITS OF NWI '86
-  = STANDING WATER TIME OF SURVEY

NOTES:
 1. TREE ROOTS ARE ENCOUNTERED, CLEAR OBSTRUCTION AND APPLY FULL GRAVEL. REMOVE GRAVEL SURFACE INCREASE BY INCREASE OF TRUCK.
 2. NEW COLLECTOR PIPES TO BE LOCATED ON TRAIL UNDER OVERPASS. SEE

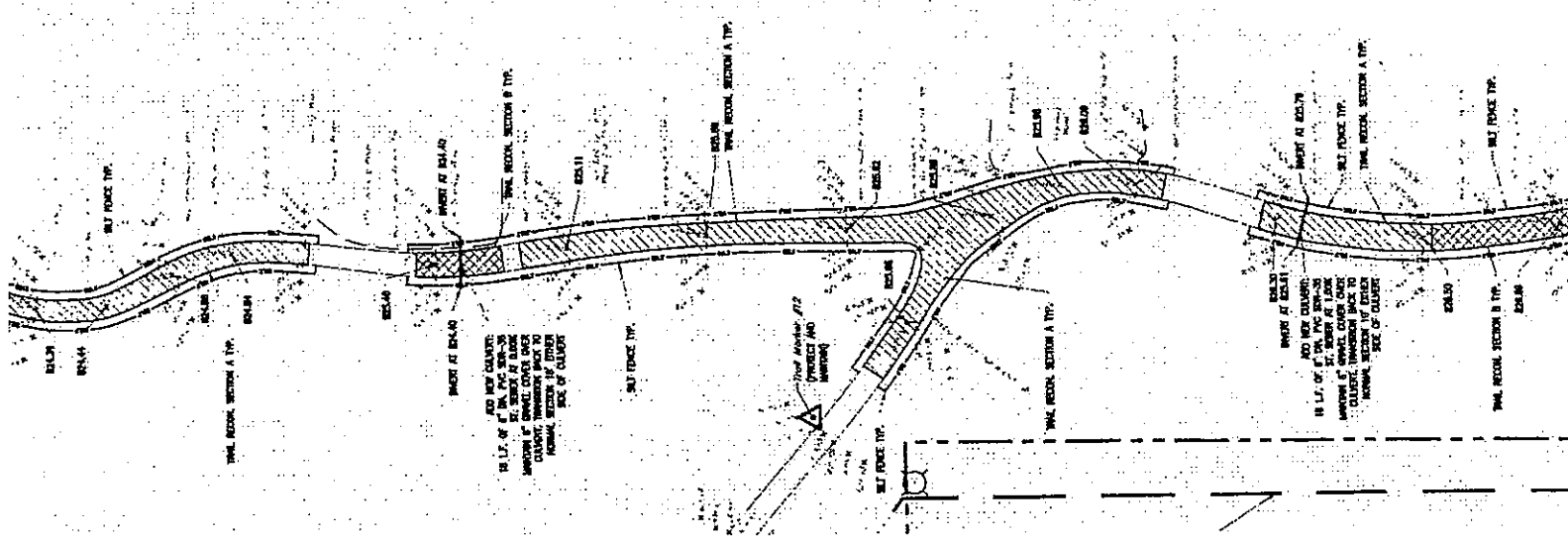
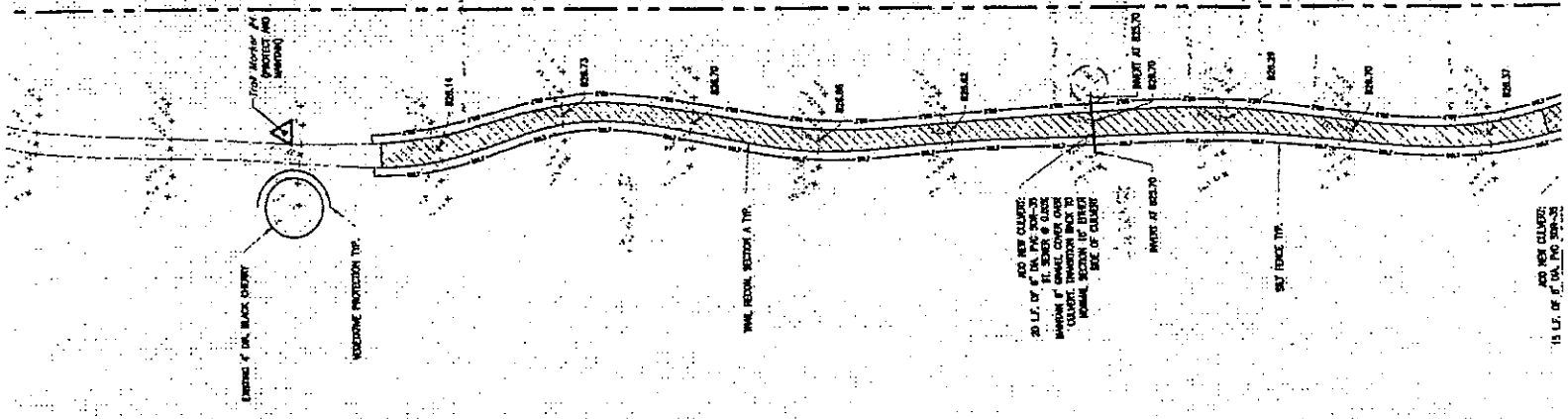






LEGEND

- [Patterned Box] = TRAIL RECONSTRUCTION SECTION A
- [Patterned Box] = TRAIL RECONSTRUCTION SECTION B
- [Line] = 6" DIA. PVC CURB
- [Line] = SILT FENCE
- [Line] = VEGETATIVE PROTECTION
- [Line] = LIMITS OF NWI WE
- [Circle] = STANDING WATER
- [Circle] = TIME OF SURVEY

NOTES:

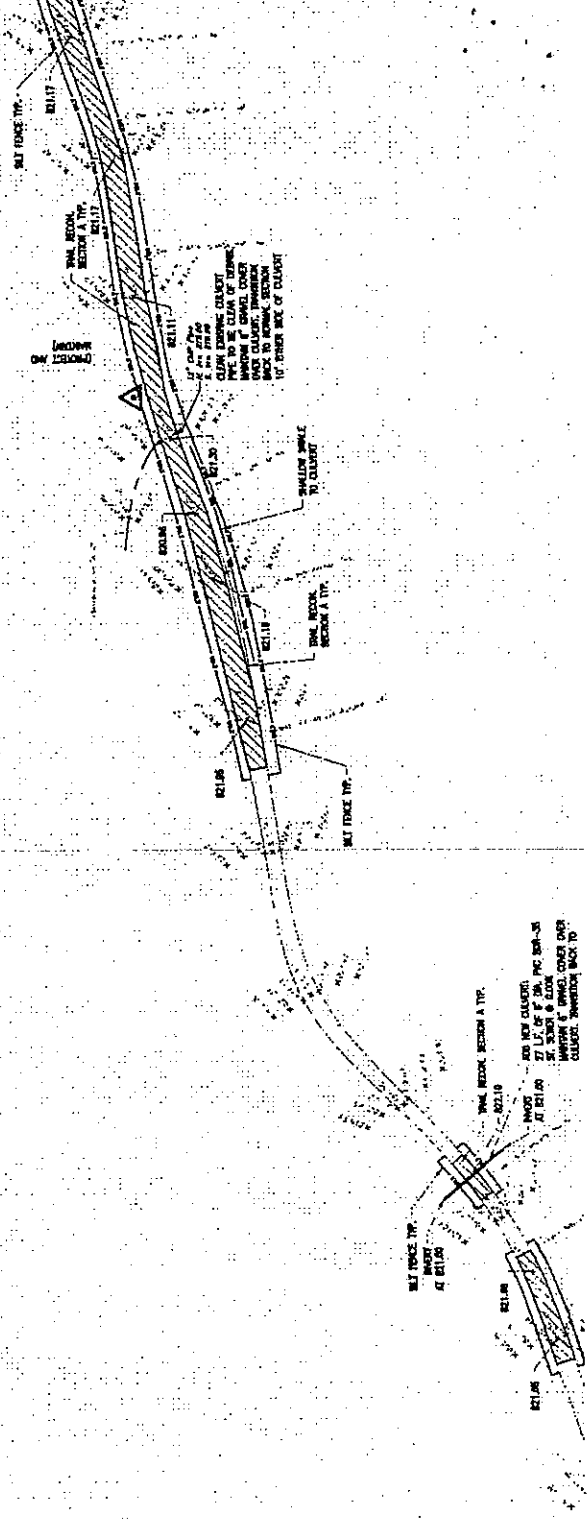
1. IF ANY ROOTS ARE ENCOUNTERED, CEASE EXCAVATION AND NOTIFY THE DISTRICT ENGINEER IMMEDIATELY.
2. CONTRACTOR TO BE CAUTIOUS WHEN EXCAVATING IN WETTER AREAS TO AVOID COLLAPSE.
3. ALL EXCAVATION SHALL BE COVERED AT THE END OF EACH DAY.



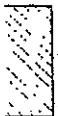


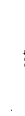
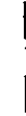

-  = TRAIL RECONSTRUCTION SECTION A
-  = TRAIL RECONSTRUCTION SECTION B
-  = SILT FENCE
-  = STANDING WATER AT TIME OF SURVEY

NOTES:

1. THE NOTE ARE RECONSTRUCTED CLEAR CHANNELS AND SPILLWAYS. FENCES AND DRAINS, REMOVE DRAINS, REMOVE FENCES BY WORKERS OF UNDESIRABLE MATERIAL.
2. THE CHANNELS ARE TO BE CONSIDERED AS WALKWAYS UNLESS OTHERWISE NOTED.



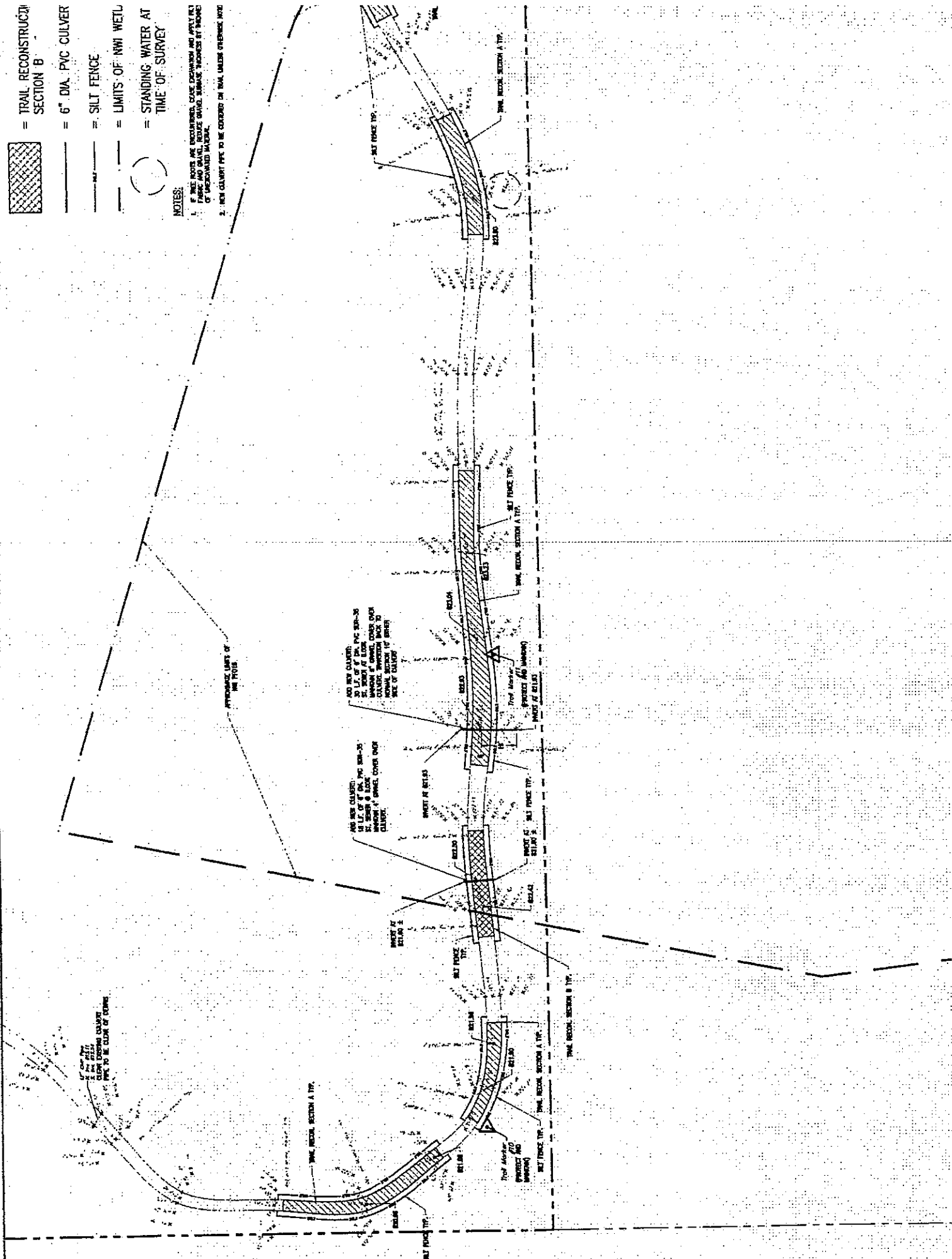
FOR NEW CHANNELS
 FROM STATION 821.00 TO 821.50
 WORKERS TO REMOVE
 MATERIAL & BRUSH. COVER OVER
 CHANNEL. RECONSTRUCT BACK TO

-  = TRAIL RECONSTRUCTION SECTION A
-  = TRAIL RECONSTRUCTION SECTION B
-  = 6" DIA. PVC CULVER
-  = SILT FENCE
-  = LIMITS OF NWI WETLAND
-  = STANDING WATER AT TIME OF SURVEY

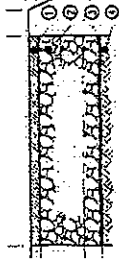
NOTES:

1. IF PIPE MOTES ARE ENCOUNTERED, CLOSE EXCAVATION AND APPLY 1/2" FABRIC AND GRAVEL. REMOVE GRAVEL. SURFACE THICKNESS BY SURFACE OF UNDERLAIN MATERIAL.

2. NEW CULVERT PIPE TO BE CONFORM TO THAT UNDER OVERLAP AREA



SEE SLICES TO BUILT UP USING EXISTING SOIL EXCAVATED FOR NEW BANK SECTION, 11%.



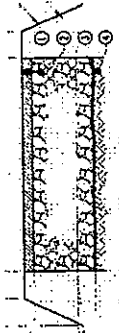
1. MESH PREPARED AND INSTALLED BY OTHERS.
2. SURFACE COURSE, TYPE 3 ASPHALT FIBER 304.17.
3. SAND CONTROLABLE FABRIC.
4. SUBGRADE.

CORNER SUBGRADE
CORNER COURSE SHALL HAVE AN LARGE THIN (10) SEVEN PERCENT FIBER UNDER WITH NO. 200 SILEX.
CORNER COURSE TO BE EXCAVATED 3" PRIOR TO INSTALLATION OF REPOSED SOIL. CLEANING NOTED ON DRAWINGS ARE TO TOP OF MESH SURFACE COURSE.

TRAIL SECTION A N.T.S.

SEED MIX "A"
AND 3. LBS./1000 S.F.
2% CHICKEN FEED
2% SHEEP FEED
1% TURKEY FEED
1% WHEAT FEED

DITCH MARKS
3' EXCAVATION

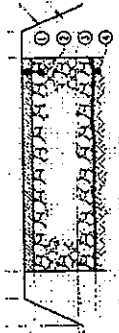


1. MESH PREPARED AND INSTALLED BY OTHERS.
2. SURFACE COURSE, TYPE 3 ASPHALT FIBER 304.17.
3. SAND CONTROLABLE FABRIC.
4. SUBGRADE.

CORNER SUBGRADE
CORNER COURSE SHALL HAVE AN LARGE THIN (10) SEVEN PERCENT FIBER UNDER WITH NO. 200 SILEX.
CORNER COURSE TO BE EXCAVATED 3" PRIOR TO INSTALLATION OF MESH FABRIC.
REPOSED SOIL. CLEANING NOTED ON DRAWINGS ARE TO TOP OF CORNER SURFACE COURSE.

TRAIL SECTION B N.T.S.

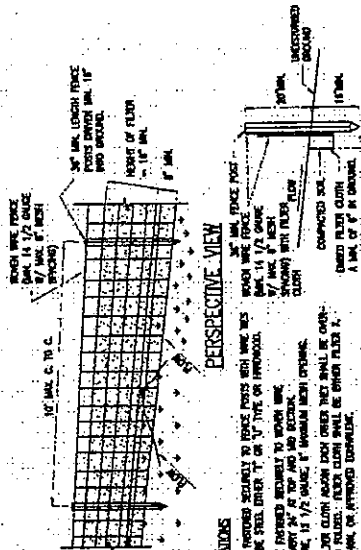
SEE SLICES TO BUILT UP USING EXISTING SOIL EXCAVATED FOR NEW BANK SECTION, 11%.



1. MESH PREPARED AND INSTALLED BY OTHERS.
2. SURFACE COURSE, TYPE 3 ASPHALT FIBER 304.17.
3. SAND CONTROLABLE FABRIC.
4. SUBGRADE.

CORNER SUBGRADE
CORNER COURSE SHALL HAVE AN LARGE THIN (10) SEVEN PERCENT FIBER UNDER WITH NO. 200 SILEX.
CORNER COURSE TO BE EXCAVATED 3" PRIOR TO INSTALLATION OF MESH FABRIC.
REPOSED SOIL. CLEANING NOTED ON DRAWINGS ARE TO TOP OF CORNER SURFACE COURSE.

TRAIL SECTION B N.T.S.



PERSPECTIVE VIEW

- CONSTRUCTION SPECIFICATIONS**
1. FENCE LINE SHALL BE SECURED TO FENCE POSTS WITH WIRE NETS OR STAPLES. FENCE SHALL BE STRETTED OVER 1" OR 1 1/2" TYPE OF APPROVAL. 1/2" MAX. 1/2" GAPS.
 2. FENCE FABRIC TO BE EXCAVATED NEARLY TO WORK LINE. FENCE SHALL BE EXCAVATED EVERY 10' AT TOP AND 10' AT BOTTOM. FENCE SHALL BE EXCAVATED 1 1/2" DEEP, 1" BROAD WITH 10% OVERLAP.
 3. WHEN TWO SECTIONS OF FENCE FABRIC MEET, OVERLAP SHALL BE COVERED BY THE WORKER AND TIGHTENED. FENCE FABRIC SHALL BE EXCAVATED 1" DEEP, 1" BROAD WITH 10% OVERLAP.
 4. PROPOSED UNITS SHALL BE EXCAVATED, DEMONSTRATED, OR APPROVED EQUIVALENT.
 5. WORKMANSHIP SHALL BE SUPERVISED AS NEEDED AND NECESSARY. MARKED WORK SHALL BE EXCAVATED IN THE 10' TRAIL.

SECTION VIEW

SILT FENCE INSTALLATION DETAIL

NO SCALE