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SCANNED DATE:

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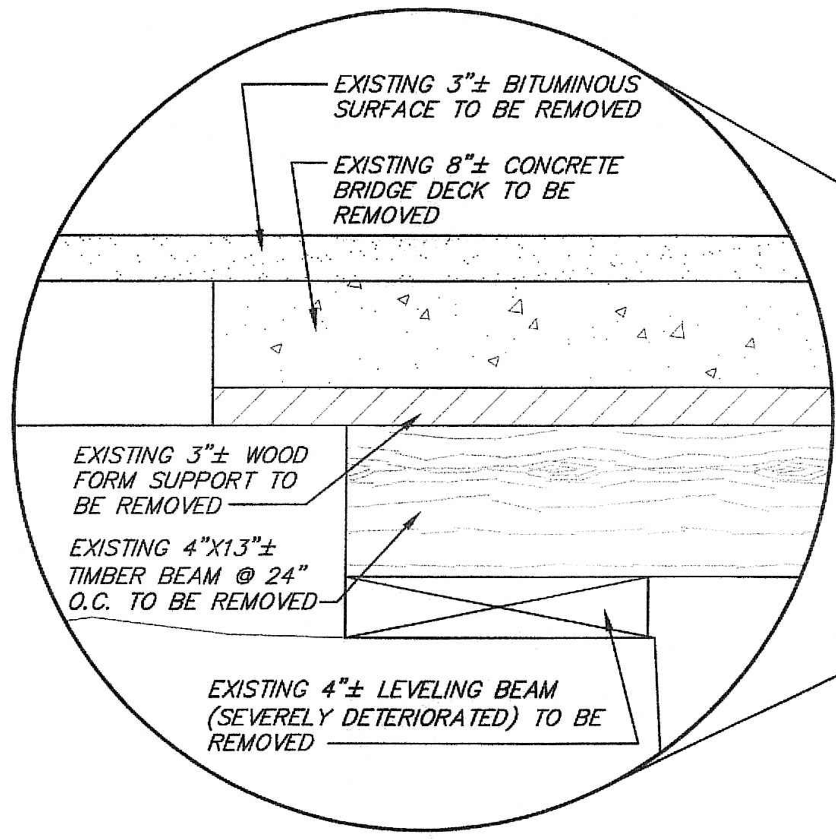
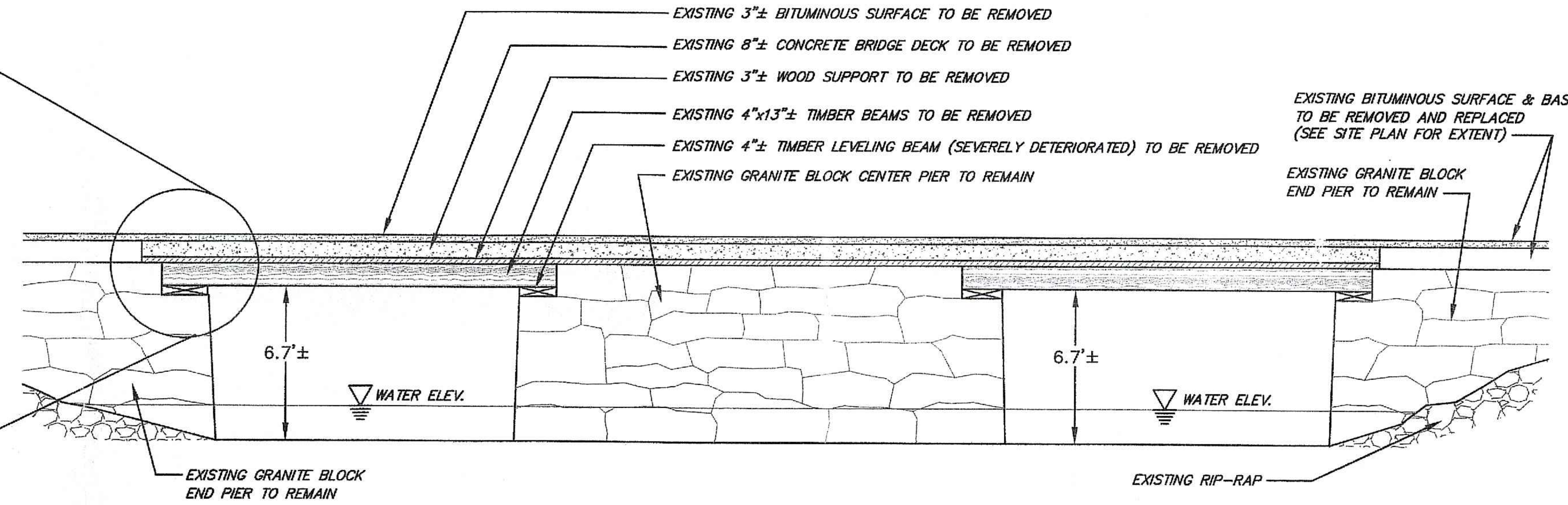


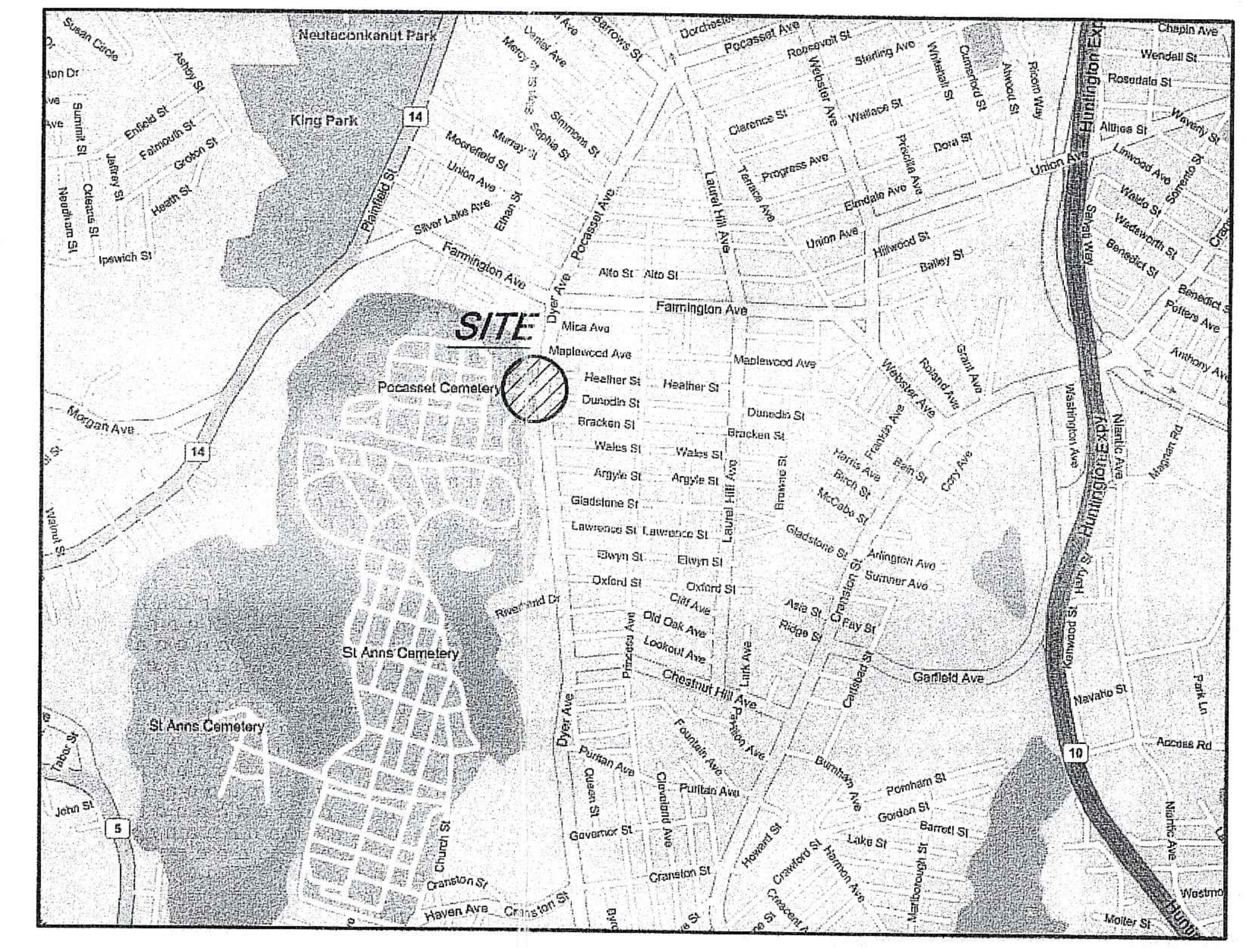
TYPICAL EXISTING BRIDGE STRUCTURE

SCALE: 1" = 1'



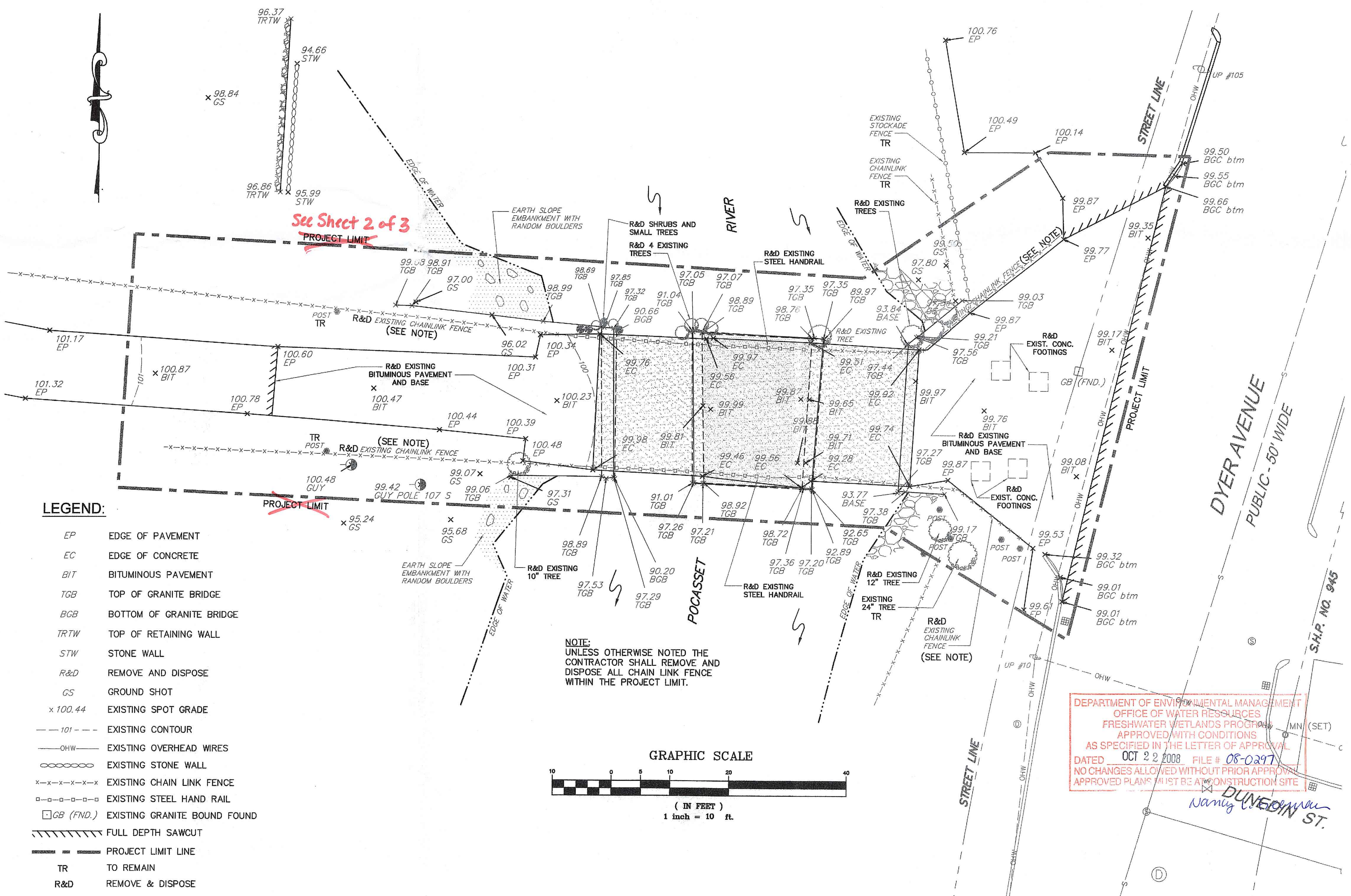
EXISTING BRIDGE SECTION

SCALE: 1" = 5'



LOCATION MAP

NOT TO SCALE



NOTE:
UNLESS OTHERWISE NOTED THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL CHAIN LINK FENCE WITHIN THE PROJECT LIMIT.

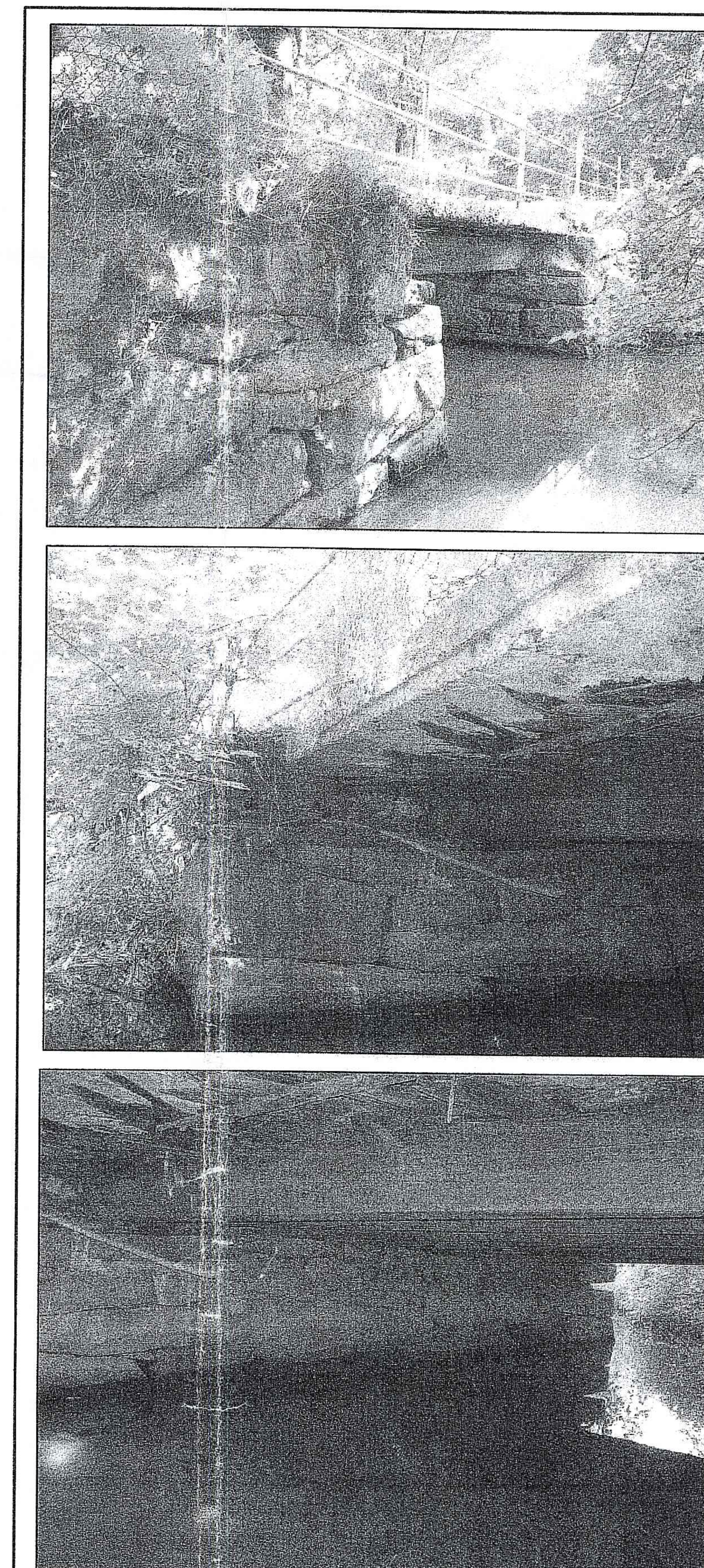
GRAPHIC SCALE

(IN FEET)
1 inch = 10 ft.

LEGEND:

EP	EDGE OF PAVEMENT
EC	EDGE OF CONCRETE
BIT	BITUMINOUS PAVEMENT
TGB	TOP OF GRANITE BRIDGE
BGB	BOTTOM OF GRANITE BRIDGE
TRTW	TOP OF RETAINING WALL
STW	STONE WALL
R&D	REMOVE AND DISPOSE
GS	GROUND SHOT
× 100.44	EXISTING SPOT GRADE
— — 101 — —	EXISTING CONTOUR
——OHW——	EXISTING OVERHEAD WIRES
OOOOOOO	EXISTING STONE WALL
x—x—x—x—x	EXISTING CHAIN LINK FENCE
□—□—□—□—□	EXISTING STEEL HAND RAIL
□ GB (FND.)	EXISTING GRANITE BOUND FOUND
⧵⧵⧵⧵⧵⧵⧵	FULL DEPTH SAWCUT
▬ ▬ ▬	PROJECT LIMIT LINE
TR	TO REMAIN
R&D	REMOVE & DISPOSE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 22 2008 FILE # 08-0297
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy [signature]



CATALDO ASSOCIATES INC.
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Project:

POCASSET CEMETERY ACCESS BRIDGE REPLACEMENT

417 DYER AVENUE
CRANSTON
RHODE ISLAND

Prepared For:

RECEIVED
SEP 17 2008
ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES

POCASSET CEMETERY

417 DYER AVENUE
CRANSTON
RHODE ISLAND

RALPH A. CATALDO
No. 3330
REGISTERED PROFESSIONAL ENGINEER
9-17-08

Issue Date: SEPTEMBER 17, 2008

Revisions

No.	Date	Description

Project Number: 3154-01

Scale: AS NOTED

Designed By: N/A

Drawn By: M.A.D. Checked By: R.D.L.

Sheet Title:

EXISTING CONDITIONS & DEMOLITION PLAN

C1

Sheet Number: 1 of 3

SCANNED DATE: 9/17/2008 11:32:42 AM EDT
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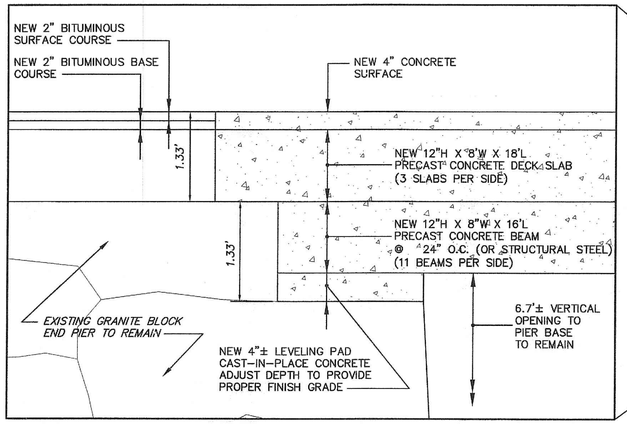
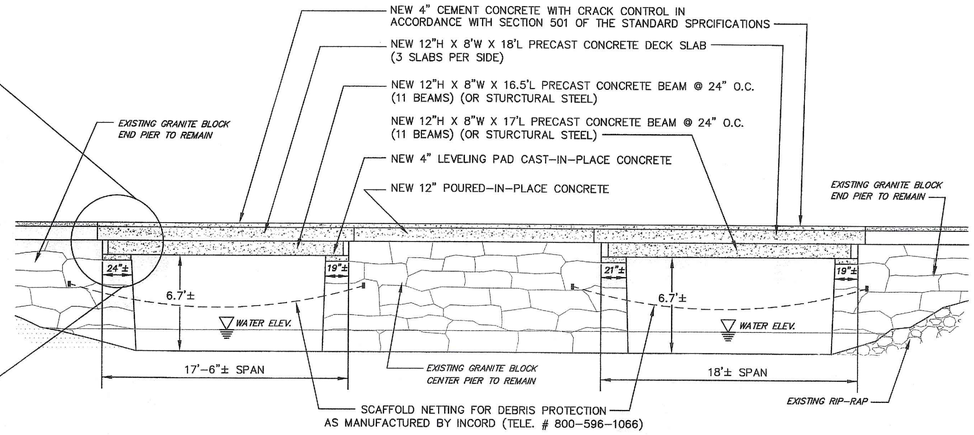


TYPICAL PROPOSED BRIDGE STRUCTURE

SCALE: 1" = 1'



PROPOSED BRIDGE SECTION

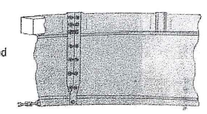
SCALE: 1" = 5'

Lightweight Turbidity Curtain

Application: Calm waters with little current, such as lakes, ponds, canals and shoreline areas.

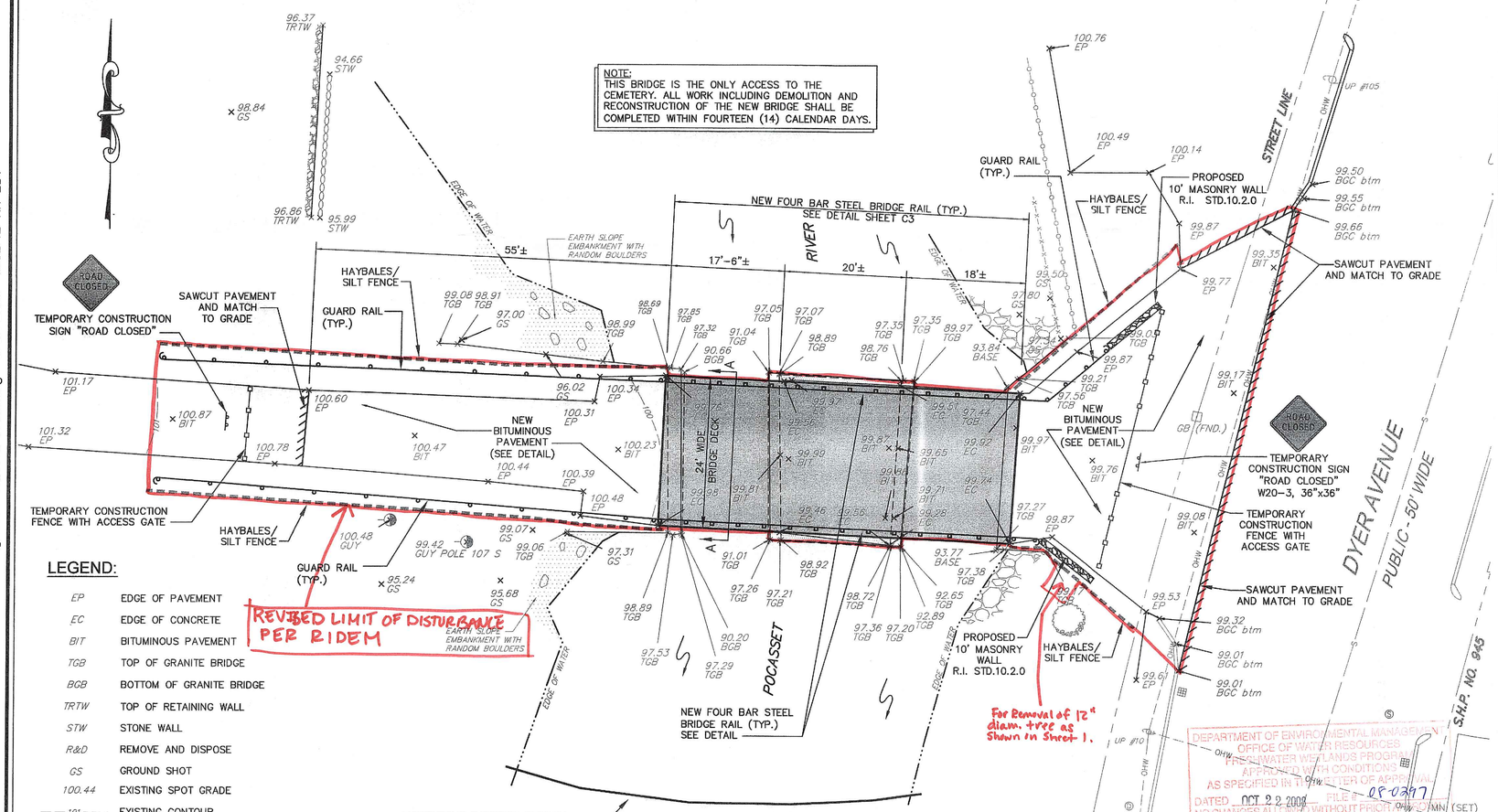
Specifications

- Fabric - Polyester reinforced vinyl high visibility yellow
- Connector - Sections are laced together through grommets and load lines are bolted together.
- Flotation - 6" expanded polystyrene over 9 lbs./ft. buoyancy.
- Ballast - 1/4" galvanized chain (.7 lbs/ft).



AS MANUFACTURED BY GEOTECHNICAL SUPPLY, INC.

NOTE:
THIS BRIDGE IS THE ONLY ACCESS TO THE CEMETERY. ALL WORK INCLUDING DEMOLITION AND RECONSTRUCTION OF THE NEW BRIDGE SHALL BE COMPLETED WITHIN FOURTEEN (14) CALENDAR DAYS.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED OCT 22 2008 FILE # 08-0297
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL (SET)
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy T. Freeman

LEGEND:

EP	EDGE OF PAVEMENT
EC	EDGE OF CONCRETE
BIT	BITUMINOUS PAVEMENT
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BGB	BOTTOM OF GRANITE BRIDGE
TRTW	TOP OF RETAINING WALL
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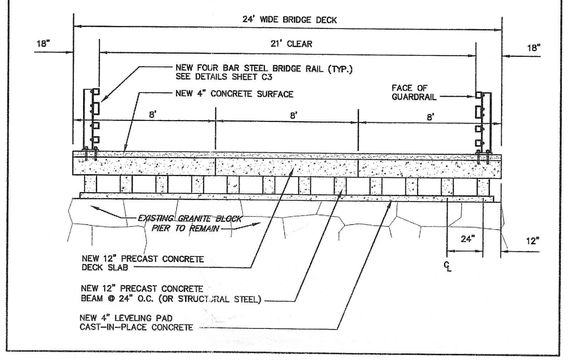
R&D	REMOVE AND DISPOSE
GS	GROUND SHOT
100.44	EXISTING SPOT GRADE
101	EXISTING CONTOUR
OHW	EXISTING OVERHEAD WIRES
	EXISTING STONE WALL
	PROPOSED GUARD RAIL
	PROPOSED BRIDGE RAIL
GB (FND.)	EXISTING GRANITE BOUND FOUND
	FULL DEPTH SAWCUT
	HAYBALE/SILT FENCE

GRAPHIC SCALE

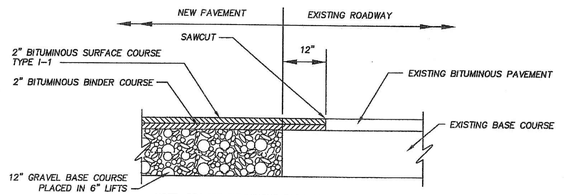
10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.



SECTION A-A

SCALE: 1" = 4'



PAVEMENT DETAIL

NOT TO SCALE

NOTES:

1. PROSPECTIVE BRIDGE REPLACEMENT CONTRACTORS SHALL VISIT THE SITE PRIOR TO SUBMITTING THEIR BIDS. THEY SHOULD BECOME THOROUGHLY FAMILIAR WITH THE WORK THAT NEEDS TO BE DONE AS THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE STRUCTURAL ENGINEERING PLANS AND DETAILS STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF RHODE ISLAND, THE CONTRACTOR SHALL PRESENT A MINIMUM OF 6 COPIES OF ALL SHOP DRAWINGS WITH EACH SUBMISSION.
2. THE BRIDGE REPLACEMENT STRUCTURAL MEMBERS SHALL BE DESIGNED TO COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS AND SHALL BE CAPABLE OF SUPPORTING H-20 WHEEL LOADING.
3. THE BRIDGE COMPONENTS SHALL BE AS MANUFACTURED BY OLD CASTLE PRECAST CONCRETE, REHOBOTH, MA.
4. ONCE ALL OF THE EXISTING BRIDGE COMPONENTS HAVE BEEN REMOVED THE CONTRACTOR SHALL INSPECT AND EVALUATE THE CONDITIONS OF THE EXISTING GRANITE PIERS. THE PIERS SHALL BE REPAIRED AS REQUIRED AND BE MADE READY TO RECEIVE THE NEW BRIDGE INSTALLATION.
5. ALL WORK PERFORMED ON THIS PROJECT SHALL BE HELD IN STRICT COMPLIANCE WITH THE STATE OF RHODE ISLAND, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE LATEST EDITION AND ADDENDA (STANDARD SPECIFICATIONS).
6. AT THE TIME OF EXECUTION OF THE CONTRACT, THE SUCCESSFUL BIDDER SHALL FURNISH A CONTRACT BOND IN A SUM EQUAL TO THE FULL AMOUNT OF THE CONTRACT. THE SUCCESSFUL BIDDER WILL OBTAIN AND CARRY FOR THE PERIOD OF TIME REQUIRED FOR THE COMPLETION OF THE WORK ASSOCIATED WITH THE PERMIT -- LIABILITY, WORKER'S COMPENSATION AND PROPERTY DAMAGE INSURANCE POLICY OR POLICIES. (SEE THE R.I.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTIONS 103 AND 107)
7. THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL TREES AND OTHER VEGETATION THAT IS GROWING OUT OF THE GRANITE BLOCK BRIDGE PIERS. ALL VOIDS THAT ARE LEFT AS A RESULT OF TREE OR OTHER VEGETATION REMOVAL SHALL BE CHINKED WITH STONE AND NON-SHRINK HYDRAULIC CEMENT.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL DEBRIS AND CONSTRUCTION MATERIALS FROM ENTERING THE POCASSET RIVER. IN THE EVENT THAT ANY DOES FALL INTO THE RIVER, THE CONTRACTOR SHALL REMOVE IT IMMEDIATELY, AT HIS EXPENSE.

CATALDO ASSOCIATES, INC.
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JOHNSTON, RI 02919 FAX: (401) 453-4117
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Project:

POCASSET CEMETERY ACCESS BRIDGE REPLACEMENT

417 DYER AVENUE
CRANSTON
RHODE ISLAND

Prepared For:

POCASSET CEMETERY

417 DYER AVENUE
CRANSTON
RHODE ISLAND

RALPH A. CATALDO
No. 3330
REGISTERED
9-17-08
PROFESSIONAL ENGINEER

Issue Date: SEPTEMBER 17, 2008

Revisions

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Project Number: 3154-01
Scale: AS NOTED
Designed By: R.D.L.
Drawn By: M.A.D. Checked By: R.D.L.

Sheet Title:

SITE PLAN

C2

Sheet Number: 2 of 3

SCANNED DATE: 9/17/2008 11:32:42 AM EDT
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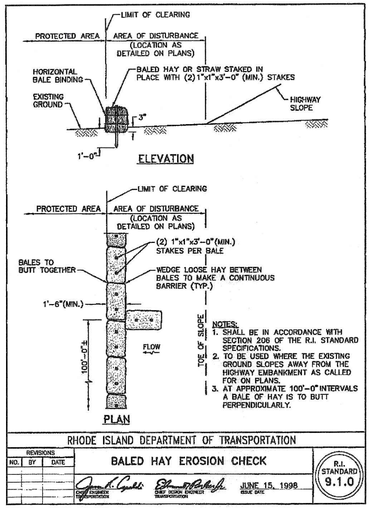

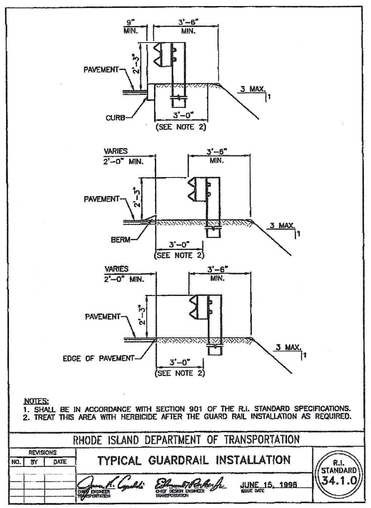

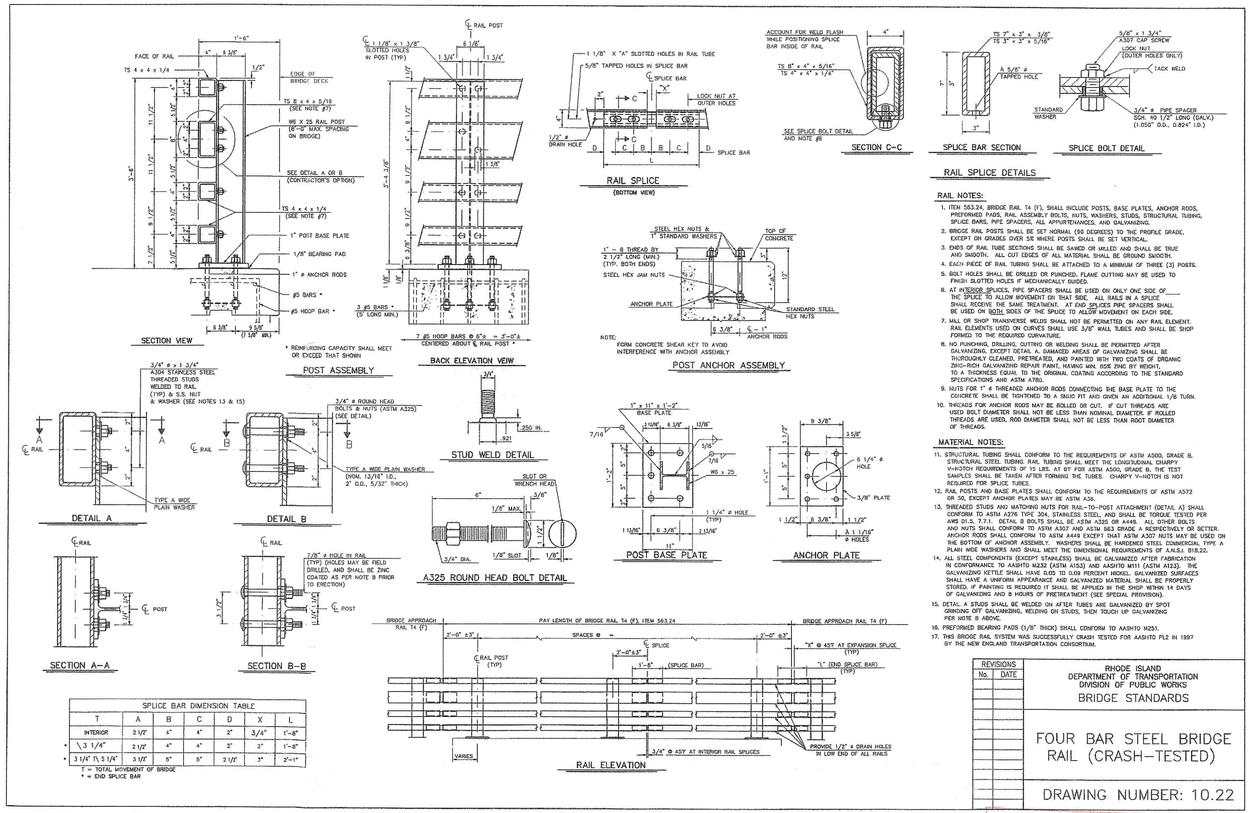

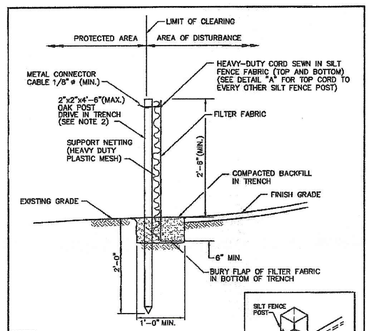

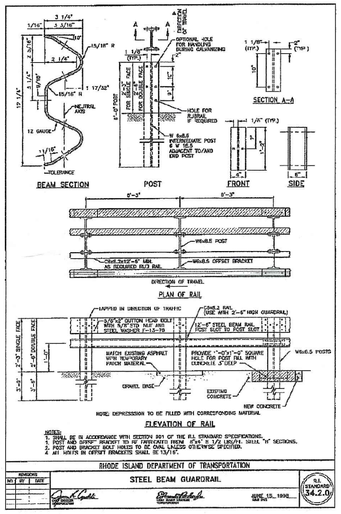

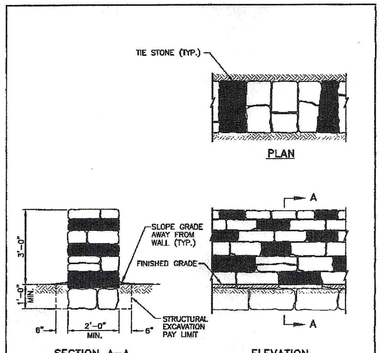

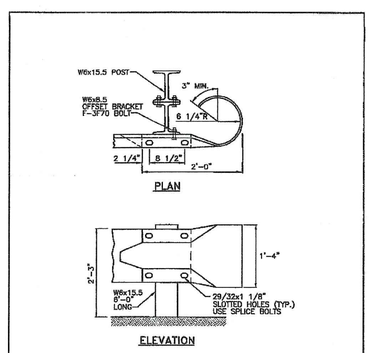

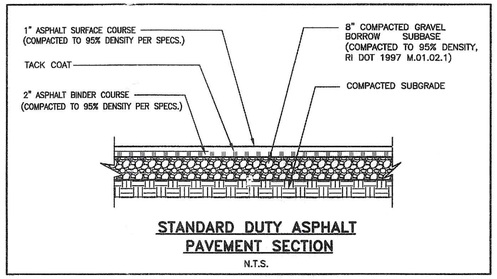

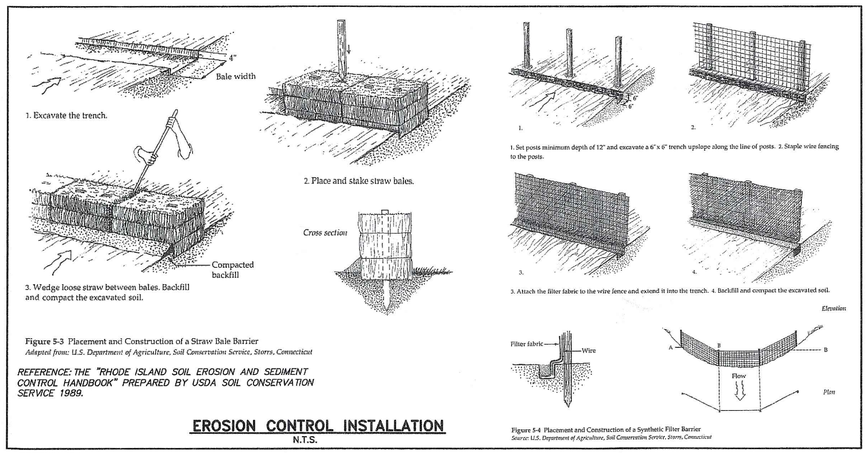

Figure 5-3 Placement and Construction of a Straw Bale Barrier
Adapted from: U.S. Department of Agriculture, Soil Conservation Service, Storrs, Connecticut

REFERENCE: THE "RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY USDA SOIL CONSERVATION SERVICE 1989.

Figure 5-4 Placement and Construction of a Synthetic Filter Barrier
Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, Connecticut

EROSION CONTROL NOTES

1. PRIOR TO START OF CONSTRUCTION, HAYBALES, SILT FENCES AND ALL OTHER SPECIFIED EROSION CONTROL MEASURES SHALL BE IN PLACE.
2. THE CONTRACTOR SHALL BE REQUIRED TO ESTABLISH AND FULLY MAINTAIN ALL REQUIRED EROSION AND SEDIMENTATION CONTROLS.
3. SHOULD SEDIMENTS ENTER A CRITICAL AREA, THE CONTRACTOR SHALL IMMEDIATELY CLEAN AND RESTORE THE EFFECTED AREA.
4. SILT FENCE (TEMPORARY) SHALL BE
   - INSTALLED DOWNSLOPE OF THE LIMITS OF PROPOSED CONSTRUCTION AS SHOWN ON THE DRAWINGS.
   - INSTALLED PRIOR TO THE COMMENCEMENT OF THE PROPOSED WORK.
   - MAINTAINED ON A REGULAR BASIS.
5. THE HAYBALES OR SILT FENCE SHALL BE CHECKED WEEKLY BY THE CONTRACTOR FOR UNDERMINING OR DETERIORATION.
6. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
7. ADDITIONAL HAYBALES OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR HIS DESIGNEE.
8. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
9. CARE SHALL BE TAKEN SO AS NOT TO PLACE "REMOVED SEDIMENTS" WITHIN THE PATH OF EXISTING, NEWLY CREATED (BOTH TEMPORARY AND PERMANENT) OR PROPOSED WATERCOURSES OR THOSE AREAS SUBJECTED TO STORMWATER FLOW (A.S.S.F.).
10. THE CONSTRUCTION SUPERINTENDENT SHALL HAVE OVERALL RESPONSIBILITY FOR PLAN IMPLEMENTATION OF NON-STRUCTURAL MEASURES AND FOR SEEING THAT APPROPRIATE WORKERS ARE AWARE OF THE PROVISIONS OF THE PLAN.
11. REFERENCE THE "RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE USDA SOIL CONSERVATION SERVICE 1989, AS A GUIDE.
12. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.

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417 DYER AVENUE CRANSTON RHODE ISLAND

Prepared For:

POCASSET CEMETERY

417 DYER AVENUE CRANSTON RHODE ISLAND

RALPH A. CATALDO No. 3330 REGISTERED 9-17-08 PROFESSIONAL ENGINEER

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Sheet Title:

DETAILS

C3
Sheet Number: 3 of 3