



Public Notice

**U.S. Army Corps
of Engineers**

Pittsburgh District

In Reply Refer to
Notice No. below

US Army Corps of Engineers, Pittsburgh District
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Application No. 2010-335

Date: September 7, 2010

Notice No. 10-51

Closing Date: October 7, 2010

1. TO ALL WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of *Section 404 of the Clean Water Act*.

2. APPLICANT: Mr. David Folk
Department of General Services
Bureau of Engineering and Architecture
Tent Building, 18th and Herr Streets
Harrisburg, PA 17125

3. LOCATION: Unnamed Tributary to Turtle Creek (Dirty Camp Run), Allegheny County, Pennsylvania. (40 25' 12" N, 79 46'33"W).

4. PURPOSE AND DESCRIPTION OF WORK: The Pennsylvania Department of Environmental Protection (PADEP) is proposing to construct a flood protection project along an unnamed tributary to Turtle Creek (Dirty Camp Run) that frequently damages structures within the Borough of Pitcairn. The flood control project will be designed to manage the 100 year flood event. The unnamed tributary is locally known as Dirty Camp Run and drains an approximately 3 square mile watershed area. Dirty Camp Run and its associated tributaries currently have a Chapter 93 designated use as a Warm Water Fishery (WWF). In addition, Dirty Camp Run is a Clean Water Act 303 (d) listed stream with aquatic life that is impaired as a result of bank modifications and siltation.

Development of the Dirty Camp Run flood control project will impact approximately 7,000 feet of stream channel, which is approximately 2.59 acres of Waters of the United States below the Ordinary High Water Mark. There are no proposed wetland impacts associated with this project. The following is proposed beginning at Sugar Camp Park and continuing downstream to the mouth of Dirty Camp Run, entering Turtle Creek: The construction of a 230 foot long X 170 foot wide earthen debris basin in Sugar Camp Park, 400 feet of rock riprap-lined trapezoidal channel, 120 feet of 20 foot wide cast in place concrete 'U' channel, 85 feet of 18 feet wide to 20 feet wide cast in place concrete 'U' channel, 3920 feet of 18 foot wide cast in place concrete 'U' channel, 1980 feet of 18 foot wide precast concrete box culverts under Wall Avenue and Taylor Avenue. The unnamed tributary to Turtle Creek (Dirty Camp Run) flows to Turtle Creek, which flows to the Monongahela River.

Stream impacts will be mitigated by constructing the proposed catch basin in Sugar Camp Park and reducing downstream sediment load. Drawings of the proposed project are attached.

5. ENCROACHMENT PERMIT: The applicant must obtain a Water Obstruction and Encroachment Permit which includes 401 Water Quality Certification from the:

*Pennsylvania Department of Environmental Protection,
Rachael Carson State Office Building
P.O. Box 8460
Harrisburg, PA 17105-8460*

Telephone: 412-769-1100

6. IMPACT ON NATURAL RESOURCES: The District Engineer has consulted the most recently available information and has determined that the project is not likely to affect the continued existence of any endangered species or threatened species, or result in the destruction or adverse modification of habitat of such species which has been determined to be critical. This Public Notice serves as a request to the U. S. Fish and Wildlife Service for any additional information they may have on whether any listed or proposed to be listed endangered or threatened species may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1972 (as amended).

7. IMPACT ON CULTURAL RESOURCES: In a letter dated September 5, 2008 the Pennsylvania Historic and Museum Commission (PHMC) indicated that there may be historic buildings, structures, and/or archeological resources located within the project area; however, the activities described in the proposal should have no effect on these resources.

If we are made aware, as a result of comments received in response to this notice, or by other means, of specific archeological, scientific, prehistorical, or historical sites or structures which might be affected by the proposed work, the District Engineer will immediately take the appropriate action necessary pursuant to the National Historic Preservation Act of 1966 - Public Law 89-665 as amended (including Public Law 96-515).

8. PUBLIC INVOLVEMENT: Any person may request, in writing, within the comment period specified in the paragraph below entitled "RESPONSES," that a public hearing be held to consider this application. The requests for public hearing shall state, with particularity, the reasons for holding a public hearing.

9. EVALUATION: Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposals must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership

CELRP-OP-F
Public Notice No. 10-51

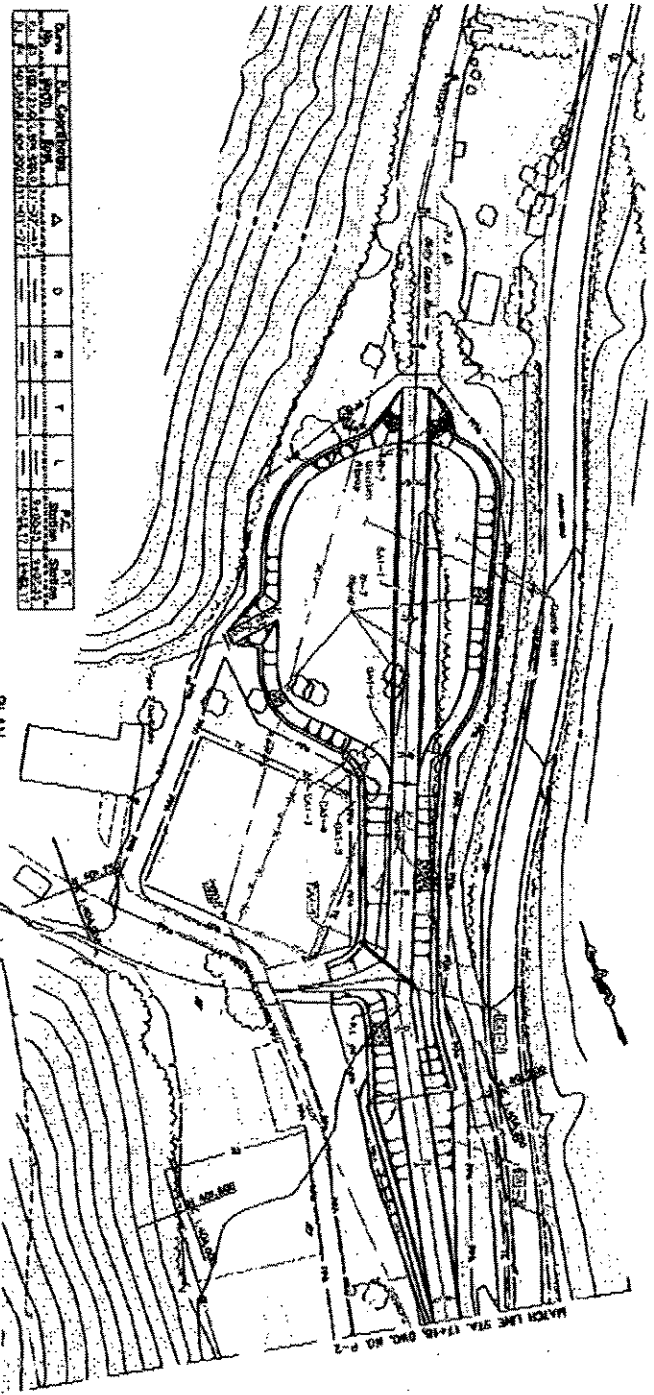
and, in general, the needs and welfare of the people. The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the overall public interest of the proposed activity. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act (40 CFR Part 230).

10. RESPONSES: A permit will be granted unless its issuance is found to be contrary to the public interest. Written statements concerning the proposed activity should be received in this office on or before the closing date of this Public Notice in order to become a part of the record and to be considered in the final determination. Any objections which are received during this period may be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. All responses to this notice should be directed to the Regulatory Branch, ATTN: Donald R. Bole at the above address, by telephoning (412) 395-7576, or by e-mail at Donald.R.Bole@usace.army.mil. Please refer to CELRP-OP-F 2010-335 in all responses.

FOR THE DISTRICT ENGINEER:

/SIGNED/
by Allen Edris
for

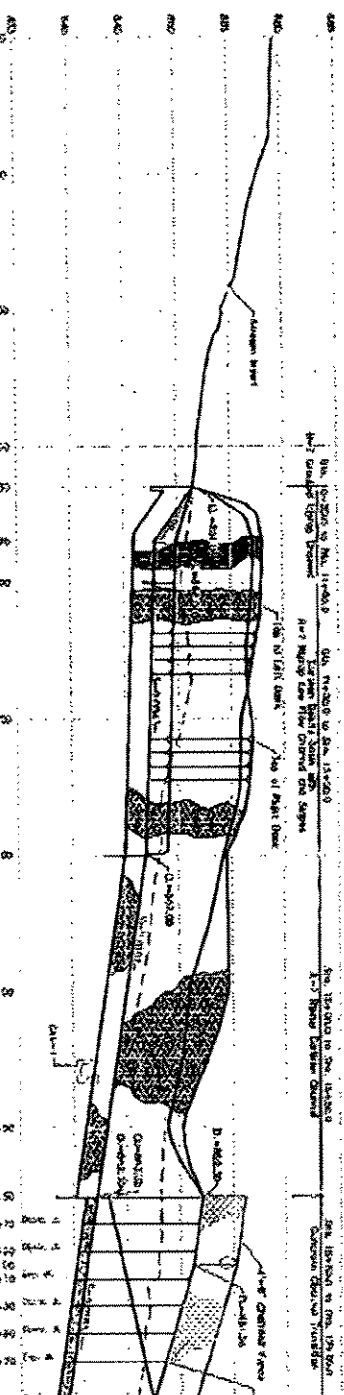
Marcia H. Haberman
Chief, Southern Section
Regulatory Branch



No.	Description	Location	Quantity	Unit	Remarks
1	Concrete Bridge	Station 1+00 to 1+50	1	Structure	As shown on plan
2	Embankment	Station 1+50 to 2+00	100	cu yd	As shown on plan
3	Ditch	Station 2+00 to 2+50	100	cu yd	As shown on plan

No.	Description	Location	Quantity	Unit	Remarks
4	Concrete Bridge	Station 3+00 to 3+50	1	Structure	As shown on plan
5	Embankment	Station 3+50 to 4+00	100	cu yd	As shown on plan
6	Ditch	Station 4+00 to 4+50	100	cu yd	As shown on plan

PLAN



PROFILE

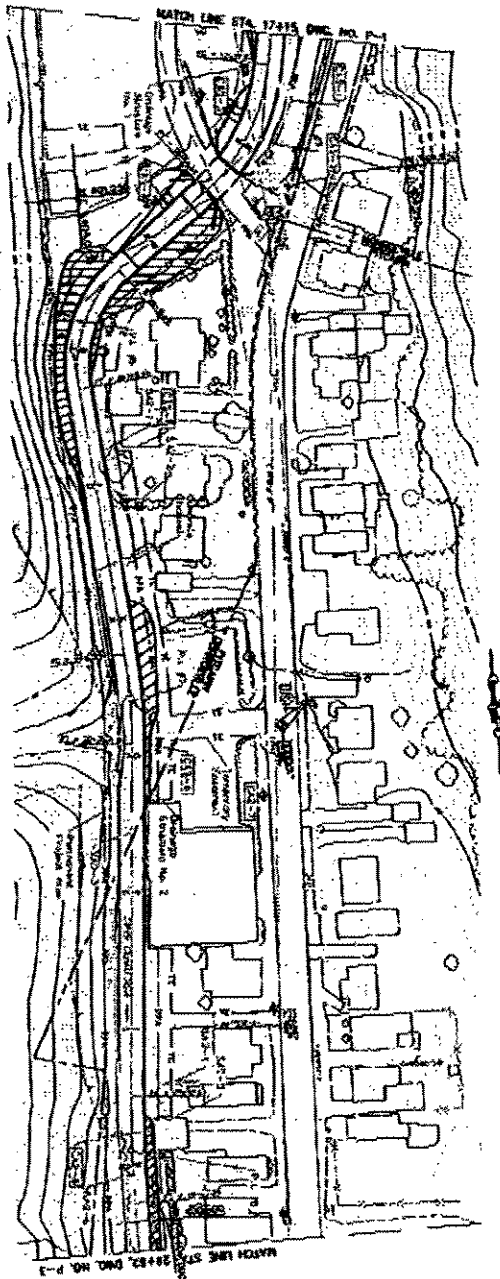
- 1. For Embankment, see Item 100-1.
- 2. For Ditch, see Item 100-2.
- 3. For Bridge, see Item 100-3.
- 4. For Concrete Bridge, see Item 100-4.
- 5. For Ditch, see Item 100-5.

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF WATER MANAGEMENT
 DEPARTMENT OF GENERAL SERVICES
 HARRISBURG, PENNSYLVANIA

PROJECT OF PROGRAM
 WATERWAY CONSTRUCTION

PLAN AND PROFILE

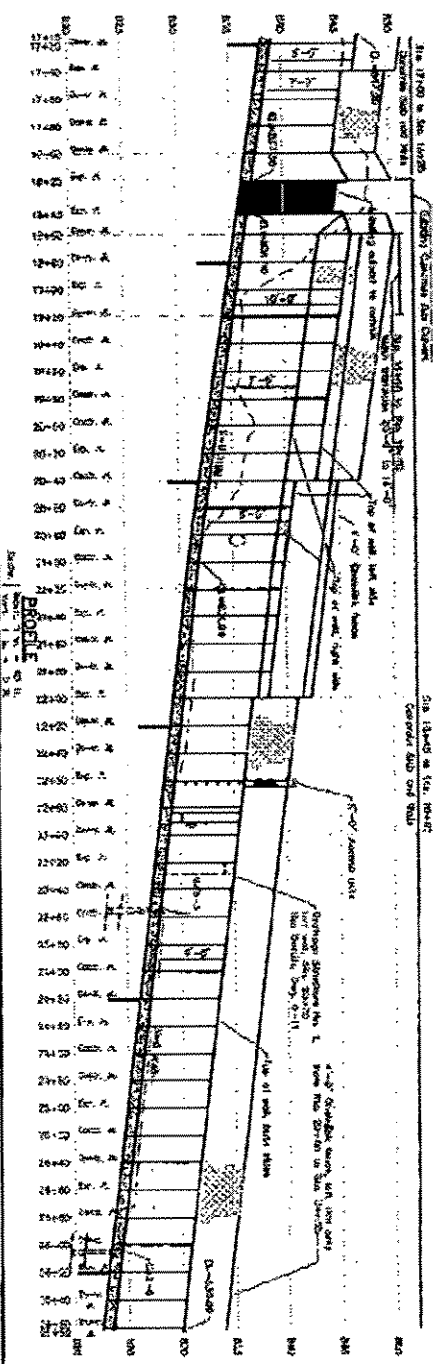
SHEET NO. **p-1**



PLAN
Scale: 1" = 40' 0"

Sta.	Description	Quantity	Unit	Material	Notes
17+00.00	Excavation	1000	cu yd	Common	
17+00.00	Concrete	100	sq ft	Structural	
17+00.00	Reinforcing Steel	100	lb	Structural	
17+00.00	Gravel	1000	cu yd	Common	
17+00.00	Asphalt	100	sq ft	Structural	
17+00.00	Paint	100	gal	Structural	
17+00.00	Lighting	100	ft	Structural	
17+00.00	Signage	100	sq ft	Structural	
17+00.00	Drainage	100	sq ft	Structural	
17+00.00	Landscaping	100	sq ft	Structural	
17+00.00	Utilities	100	sq ft	Structural	
17+00.00	Other	100	sq ft	Structural	

No.	Description	Quantity	Unit	Material	Notes
1	Excavation	1000	cu yd	Common	
2	Concrete	100	sq ft	Structural	
3	Reinforcing Steel	100	lb	Structural	
4	Gravel	1000	cu yd	Common	
5	Asphalt	100	sq ft	Structural	
6	Paint	100	gal	Structural	
7	Lighting	100	ft	Structural	
8	Signage	100	sq ft	Structural	
9	Drainage	100	sq ft	Structural	
10	Landscaping	100	sq ft	Structural	
11	Utilities	100	sq ft	Structural	
12	Other	100	sq ft	Structural	



PROFILE
Scale: 1" = 40' 0"

DATE: 10/15/10
BY: [Signature]

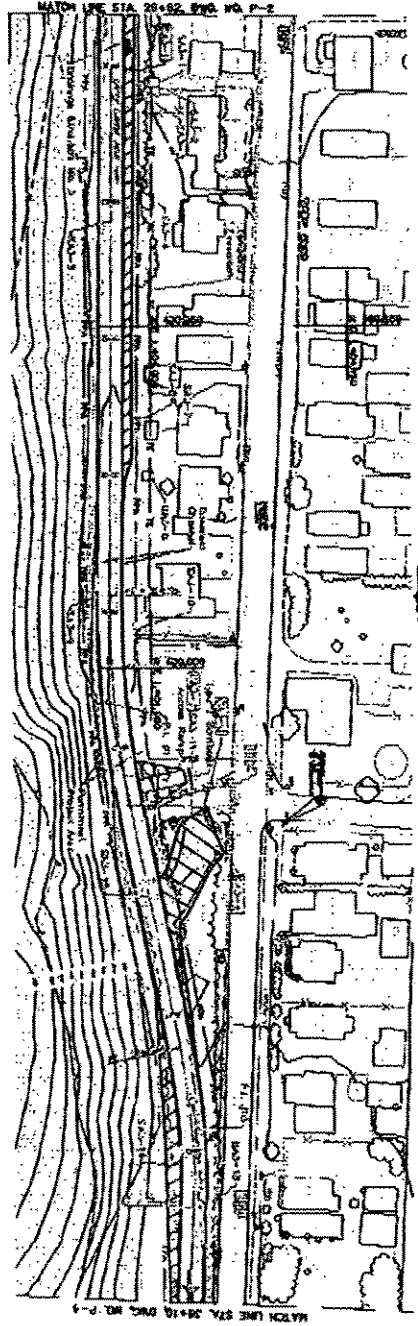
DEPARTMENT OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF WATER MANAGEMENT
 DEPARTMENT OF GENERAL SERVICES
 HARRISBURG, PENNSYLVANIA

PROJECT: PLAN AND PROFILE
 STA. 17+15.0 to STA. 28+82.0

P-2

REV. NO.	Description	Location
1	Excavation	Station 17+15.0
2	Concrete	Station 17+15.0
3	Reinforcing Steel	Station 17+15.0
4	Gravel	Station 17+15.0
5	Asphalt	Station 17+15.0
6	Paint	Station 17+15.0
7	Lighting	Station 17+15.0
8	Signage	Station 17+15.0
9	Drainage	Station 17+15.0
10	Landscaping	Station 17+15.0
11	Utilities	Station 17+15.0
12	Other	Station 17+15.0

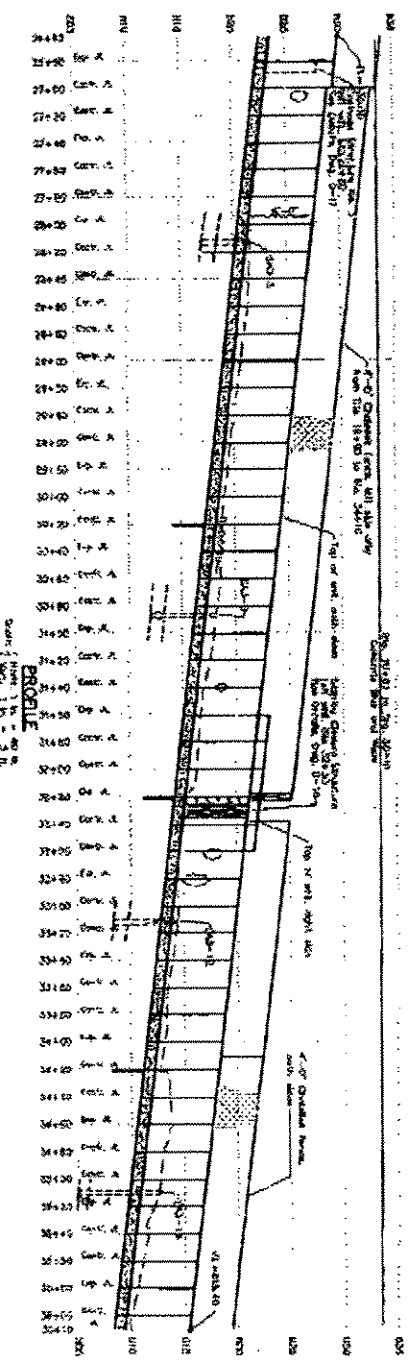
1. For Concrete Slabs, see Draw No. G-1
2. For Concrete Walls, see Draw No. G-1
3. For Reinforcing Steel, see Draw No. G-1



PLAN
Scale: 1" = 40' ±

No.	Description	Location	Quantity	Unit	Adjustment Required
1
2
3
4
5
6
7
8
9
10

No.	Description	Location	Quantity	Unit	Adjustment Required
11
12
13
14
15
16
17
18
19
20

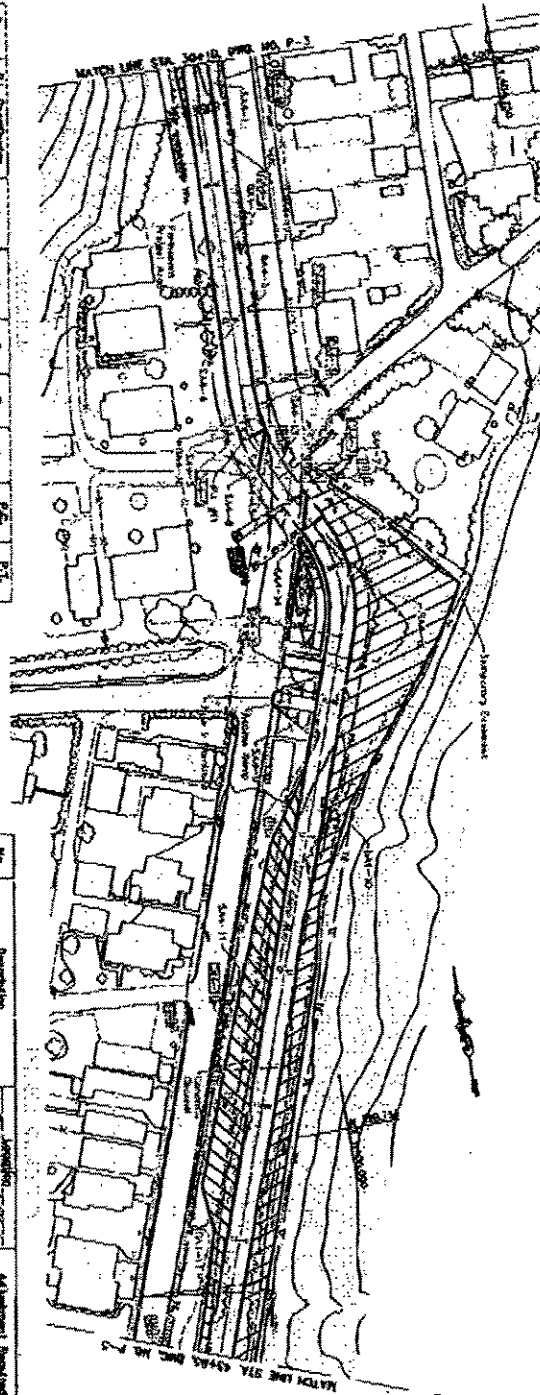


PROFILE
Scale: 1" = 40' ±

THE U.S. DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
WATERWAYS EXPERIMENTAL STATION
Vicksburg, Mississippi
Approved for Release by NSA on 05-08-2014 pursuant to E.O. 13526

1. For General Notes see Eng. No. 01-1
2. For General Notes see Eng. No. 01-11
3. For Structural Notes see Eng. No. 1

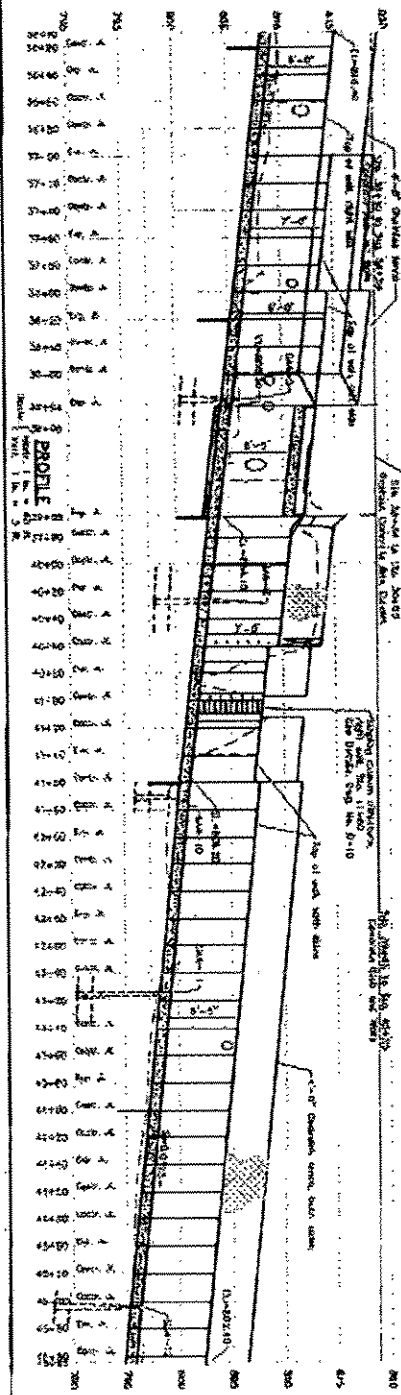
DEPARTMENT OF PENNSYLVANIA DIVISION OF WATERWAYS WATERWAYS ENGINEERING	
BOARD OF WATERWAYS ENGINEERS DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF WATER MANAGEMENT COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA	
PLAN AND PROFILE STA. 26+10.0 TO STA. 34+10.0	
DATE: _____ DRAWN BY: _____ CHECKED BY: _____	P-3



PLAN
Date: 12-20-09

No.	Description	Quantity	Unit	Notes
1	Concrete Bridge	1	Structure	See Item 1.0
2	Approach Slab	2	Slabs	See Item 2.0
3	Approach Piers	2	Piers	See Item 3.0
4	Approach Abutments	2	Abutments	See Item 4.0
5	Approach Retaining Walls	2	Walls	See Item 5.0
6	Approach Culverts	2	Culverts	See Item 6.0
7	Approach Ditches	2	Ditches	See Item 7.0
8	Approach Storm Sewers	2	Sewers	See Item 8.0
9	Approach Storm Sumps	2	Sumps	See Item 9.0
10	Approach Storm Pumps	2	Pumps	See Item 10.0
11	Approach Storm Pipes	2	Pipes	See Item 11.0
12	Approach Storm Manholes	2	Manholes	See Item 12.0
13	Approach Storm Inlets	2	Inlets	See Item 13.0
14	Approach Storm Catch Basins	2	Catch Basins	See Item 14.0
15	Approach Storm Filters	2	Filters	See Item 15.0
16	Approach Storm Screens	2	Screens	See Item 16.0
17	Approach Storm Grates	2	Grates	See Item 17.0
18	Approach Storm Gullies	2	Gullies	See Item 18.0
19	Approach Storm Drains	2	Drains	See Item 19.0
20	Approach Storm Easements	2	Easements	See Item 20.0

No.	Description	Quantity	Unit	Notes
1	Concrete Bridge	1	Structure	See Item 1.0
2	Approach Slab	2	Slabs	See Item 2.0
3	Approach Piers	2	Piers	See Item 3.0
4	Approach Abutments	2	Abutments	See Item 4.0
5	Approach Retaining Walls	2	Walls	See Item 5.0
6	Approach Culverts	2	Culverts	See Item 6.0
7	Approach Ditches	2	Ditches	See Item 7.0
8	Approach Storm Sewers	2	Sewers	See Item 8.0
9	Approach Storm Sumps	2	Sumps	See Item 9.0
10	Approach Storm Pumps	2	Pumps	See Item 10.0
11	Approach Storm Pipes	2	Pipes	See Item 11.0
12	Approach Storm Manholes	2	Manholes	See Item 12.0
13	Approach Storm Inlets	2	Inlets	See Item 13.0
14	Approach Storm Catch Basins	2	Catch Basins	See Item 14.0
15	Approach Storm Filters	2	Filters	See Item 15.0
16	Approach Storm Screens	2	Screens	See Item 16.0
17	Approach Storm Grates	2	Grates	See Item 17.0
18	Approach Storm Gullies	2	Gullies	See Item 18.0
19	Approach Storm Drains	2	Drains	See Item 19.0
20	Approach Storm Easements	2	Easements	See Item 20.0



COMMISSIONER OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER MANAGEMENT
DEPARTMENT OF GENERAL SERVICES
HARRISBURG, PENNSYLVANIA

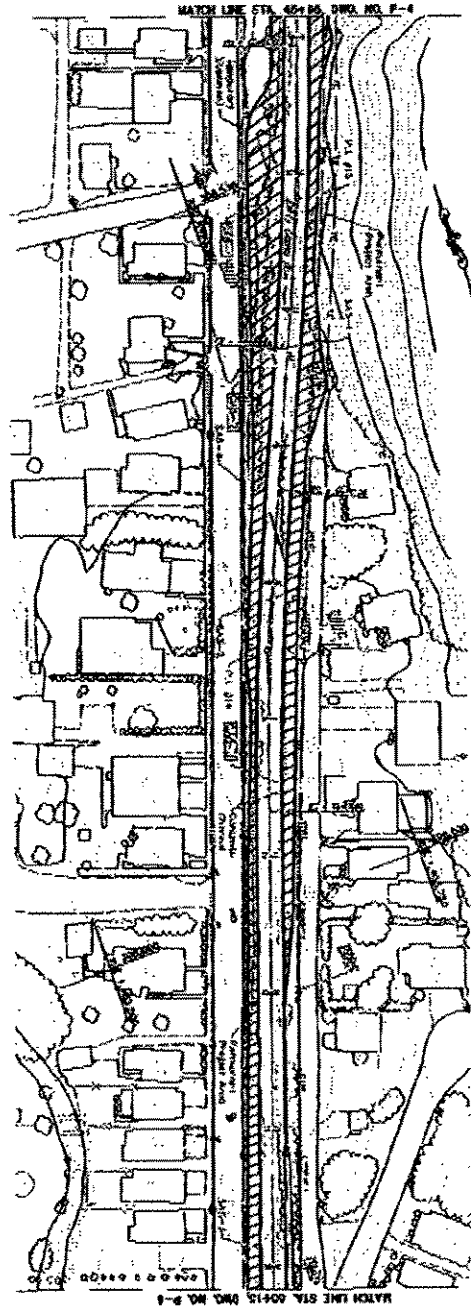
DESIGNER OF PROJECT
ALBERT COHEN CONSULTANTS
1000 MARKET STREET, SUITE 1000
PHILADELPHIA, PA 19102

PLAN AND PROFILE
STA. 39+10.0 TO STA. 45+85.0

P-4

No.	Description	Quantity	Unit	Notes
1	Concrete Bridge	1	Structure	See Item 1.0
2	Approach Slab	2	Slabs	See Item 2.0
3	Approach Piers	2	Piers	See Item 3.0
4	Approach Abutments	2	Abutments	See Item 4.0
5	Approach Retaining Walls	2	Walls	See Item 5.0
6	Approach Culverts	2	Culverts	See Item 6.0
7	Approach Ditches	2	Ditches	See Item 7.0
8	Approach Storm Sewers	2	Sewers	See Item 8.0
9	Approach Storm Sumps	2	Sumps	See Item 9.0
10	Approach Storm Pumps	2	Pumps	See Item 10.0
11	Approach Storm Pipes	2	Pipes	See Item 11.0
12	Approach Storm Manholes	2	Manholes	See Item 12.0
13	Approach Storm Inlets	2	Inlets	See Item 13.0
14	Approach Storm Catch Basins	2	Catch Basins	See Item 14.0
15	Approach Storm Filters	2	Filters	See Item 15.0
16	Approach Storm Screens	2	Screens	See Item 16.0
17	Approach Storm Grates	2	Grates	See Item 17.0
18	Approach Storm Gullies	2	Gullies	See Item 18.0
19	Approach Storm Drains	2	Drains	See Item 19.0
20	Approach Storm Easements	2	Easements	See Item 20.0

1. For General Notes, see Item 1.0.
2. For Construction Notes, see Item 2.0.
3. For Inspection Notes, see Item 3.0.
4. For Inspection Notes, see Item 4.0.
5. For Inspection Notes, see Item 5.0.

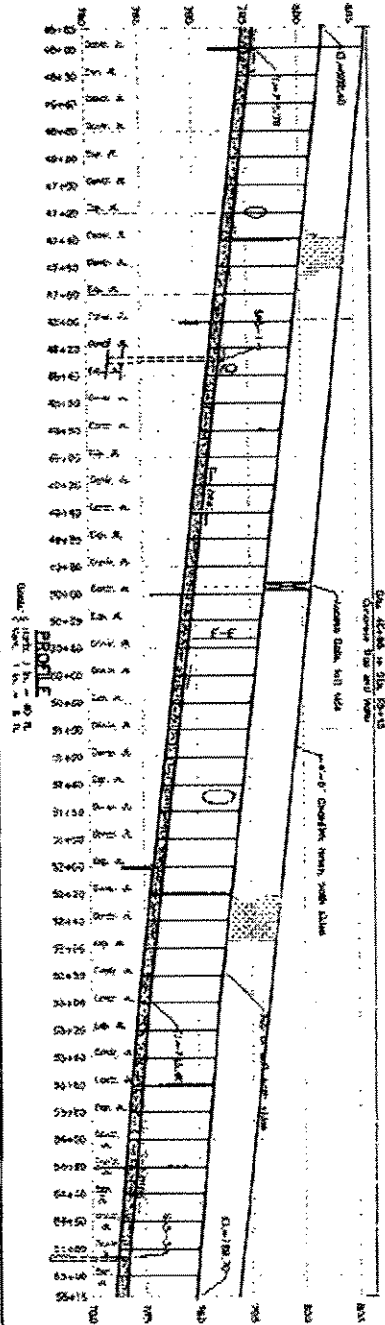


Station	Structure	Material	Notes
45+00	Structure 1	Concrete	Notes
45+10	Structure 2	Concrete	Notes
45+20	Structure 3	Concrete	Notes
45+30	Structure 4	Concrete	Notes
45+40	Structure 5	Concrete	Notes
45+50	Structure 6	Concrete	Notes
45+60	Structure 7	Concrete	Notes
45+70	Structure 8	Concrete	Notes
45+80	Structure 9	Concrete	Notes
45+90	Structure 10	Concrete	Notes
46+00	Structure 11	Concrete	Notes
46+10	Structure 12	Concrete	Notes
46+20	Structure 13	Concrete	Notes
46+30	Structure 14	Concrete	Notes
46+40	Structure 15	Concrete	Notes
46+50	Structure 16	Concrete	Notes
46+60	Structure 17	Concrete	Notes
46+70	Structure 18	Concrete	Notes
46+80	Structure 19	Concrete	Notes
46+90	Structure 20	Concrete	Notes
47+00	Structure 21	Concrete	Notes
47+10	Structure 22	Concrete	Notes
47+20	Structure 23	Concrete	Notes
47+30	Structure 24	Concrete	Notes
47+40	Structure 25	Concrete	Notes
47+50	Structure 26	Concrete	Notes
47+60	Structure 27	Concrete	Notes
47+70	Structure 28	Concrete	Notes
47+80	Structure 29	Concrete	Notes
47+90	Structure 30	Concrete	Notes
48+00	Structure 31	Concrete	Notes
48+10	Structure 32	Concrete	Notes
48+20	Structure 33	Concrete	Notes
48+30	Structure 34	Concrete	Notes
48+40	Structure 35	Concrete	Notes
48+50	Structure 36	Concrete	Notes
48+60	Structure 37	Concrete	Notes
48+70	Structure 38	Concrete	Notes
48+80	Structure 39	Concrete	Notes
48+90	Structure 40	Concrete	Notes
49+00	Structure 41	Concrete	Notes
49+10	Structure 42	Concrete	Notes
49+20	Structure 43	Concrete	Notes
49+30	Structure 44	Concrete	Notes
49+40	Structure 45	Concrete	Notes
49+50	Structure 46	Concrete	Notes
49+60	Structure 47	Concrete	Notes
49+70	Structure 48	Concrete	Notes
49+80	Structure 49	Concrete	Notes
49+90	Structure 50	Concrete	Notes

PLAN

No.	Description	Quantity	Unit	Notes
1	Structure 1	1	Structure	Notes
2	Structure 2	1	Structure	Notes
3	Structure 3	1	Structure	Notes
4	Structure 4	1	Structure	Notes
5	Structure 5	1	Structure	Notes
6	Structure 6	1	Structure	Notes
7	Structure 7	1	Structure	Notes
8	Structure 8	1	Structure	Notes
9	Structure 9	1	Structure	Notes
10	Structure 10	1	Structure	Notes
11	Structure 11	1	Structure	Notes
12	Structure 12	1	Structure	Notes
13	Structure 13	1	Structure	Notes
14	Structure 14	1	Structure	Notes
15	Structure 15	1	Structure	Notes
16	Structure 16	1	Structure	Notes
17	Structure 17	1	Structure	Notes
18	Structure 18	1	Structure	Notes
19	Structure 19	1	Structure	Notes
20	Structure 20	1	Structure	Notes
21	Structure 21	1	Structure	Notes
22	Structure 22	1	Structure	Notes
23	Structure 23	1	Structure	Notes
24	Structure 24	1	Structure	Notes
25	Structure 25	1	Structure	Notes
26	Structure 26	1	Structure	Notes
27	Structure 27	1	Structure	Notes
28	Structure 28	1	Structure	Notes
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30	Structure 30	1	Structure	Notes
31	Structure 31	1	Structure	Notes
32	Structure 32	1	Structure	Notes
33	Structure 33	1	Structure	Notes
34	Structure 34	1	Structure	Notes
35	Structure 35	1	Structure	Notes
36	Structure 36	1	Structure	Notes
37	Structure 37	1	Structure	Notes
38	Structure 38	1	Structure	Notes
39	Structure 39	1	Structure	Notes
40	Structure 40	1	Structure	Notes
41	Structure 41	1	Structure	Notes
42	Structure 42	1	Structure	Notes
43	Structure 43	1	Structure	Notes
44	Structure 44	1	Structure	Notes
45	Structure 45	1	Structure	Notes
46	Structure 46	1	Structure	Notes
47	Structure 47	1	Structure	Notes
48	Structure 48	1	Structure	Notes
49	Structure 49	1	Structure	Notes
50	Structure 50	1	Structure	Notes

No.	Description	Quantity	Unit	Notes
1	Structure 1	1	Structure	Notes
2	Structure 2	1	Structure	Notes
3	Structure 3	1	Structure	Notes
4	Structure 4	1	Structure	Notes
5	Structure 5	1	Structure	Notes
6	Structure 6	1	Structure	Notes
7	Structure 7	1	Structure	Notes
8	Structure 8	1	Structure	Notes
9	Structure 9	1	Structure	Notes
10	Structure 10	1	Structure	Notes
11	Structure 11	1	Structure	Notes
12	Structure 12	1	Structure	Notes
13	Structure 13	1	Structure	Notes
14	Structure 14	1	Structure	Notes
15	Structure 15	1	Structure	Notes
16	Structure 16	1	Structure	Notes
17	Structure 17	1	Structure	Notes
18	Structure 18	1	Structure	Notes
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21	Structure 21	1	Structure	Notes
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42	Structure 42	1	Structure	Notes
43	Structure 43	1	Structure	Notes
44	Structure 44	1	Structure	Notes
45	Structure 45	1	Structure	Notes
46	Structure 46	1	Structure	Notes
47	Structure 47	1	Structure	Notes
48	Structure 48	1	Structure	Notes
49	Structure 49	1	Structure	Notes
50	Structure 50	1	Structure	Notes



DEPARTMENT OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF WATER MANAGEMENT
 COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF GENERAL SERVICES
 HARRISBURG, PENNSYLVANIA

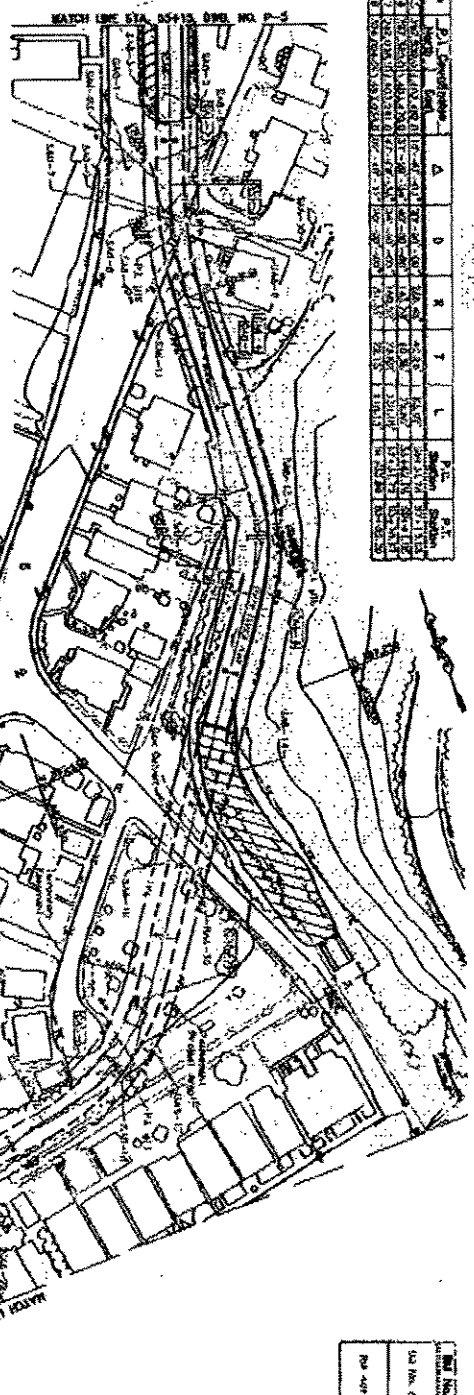
PROJECT: PLAN AND PROFILE
 STA. 45+00.0 TO STA. 55+15.0

P-5

DN 10-51

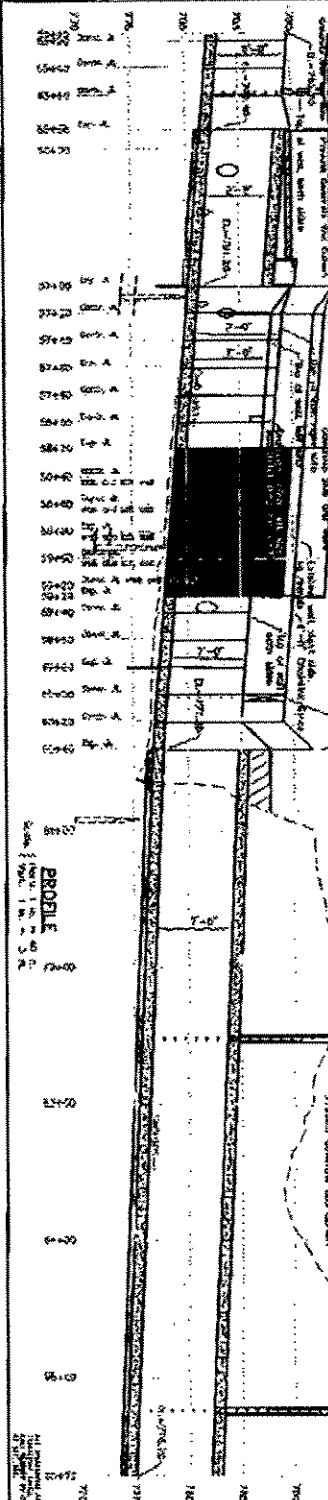
11 to 8

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50										
770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830



No.	Description	Quantity	Unit	Adjusted Quantity
1	Excavation	1000	cu yd	1000
2	Fill	500	cu yd	500
3	Concrete	100	cu yd	100
4	Reinforcing Steel	1000	lb	1000
5	Timber	1000	lf	1000
6	Gravel	1000	cu yd	1000
7	Asphalt	1000	sq yd	1000
8	Paint	1000	gal	1000
9	Lighting	1000	ft	1000
10	Signage	1000	sq ft	1000
11	Drainage	1000	sq ft	1000
12	Landscaping	1000	sq ft	1000
13	Utilities	1000	ft	1000
14	Structures	1000	sq ft	1000
15	Other	1000	sq ft	1000

No.	Description	Quantity	Unit	Adjusted Quantity
1	Excavation	1000	cu yd	1000
2	Fill	500	cu yd	500
3	Concrete	100	cu yd	100
4	Reinforcing Steel	1000	lb	1000
5	Timber	1000	lf	1000
6	Gravel	1000	cu yd	1000
7	Asphalt	1000	sq yd	1000
8	Paint	1000	gal	1000
9	Lighting	1000	ft	1000
10	Signage	1000	sq ft	1000
11	Drainage	1000	sq ft	1000
12	Landscaping	1000	sq ft	1000
13	Utilities	1000	ft	1000
14	Structures	1000	sq ft	1000
15	Other	1000	sq ft	1000

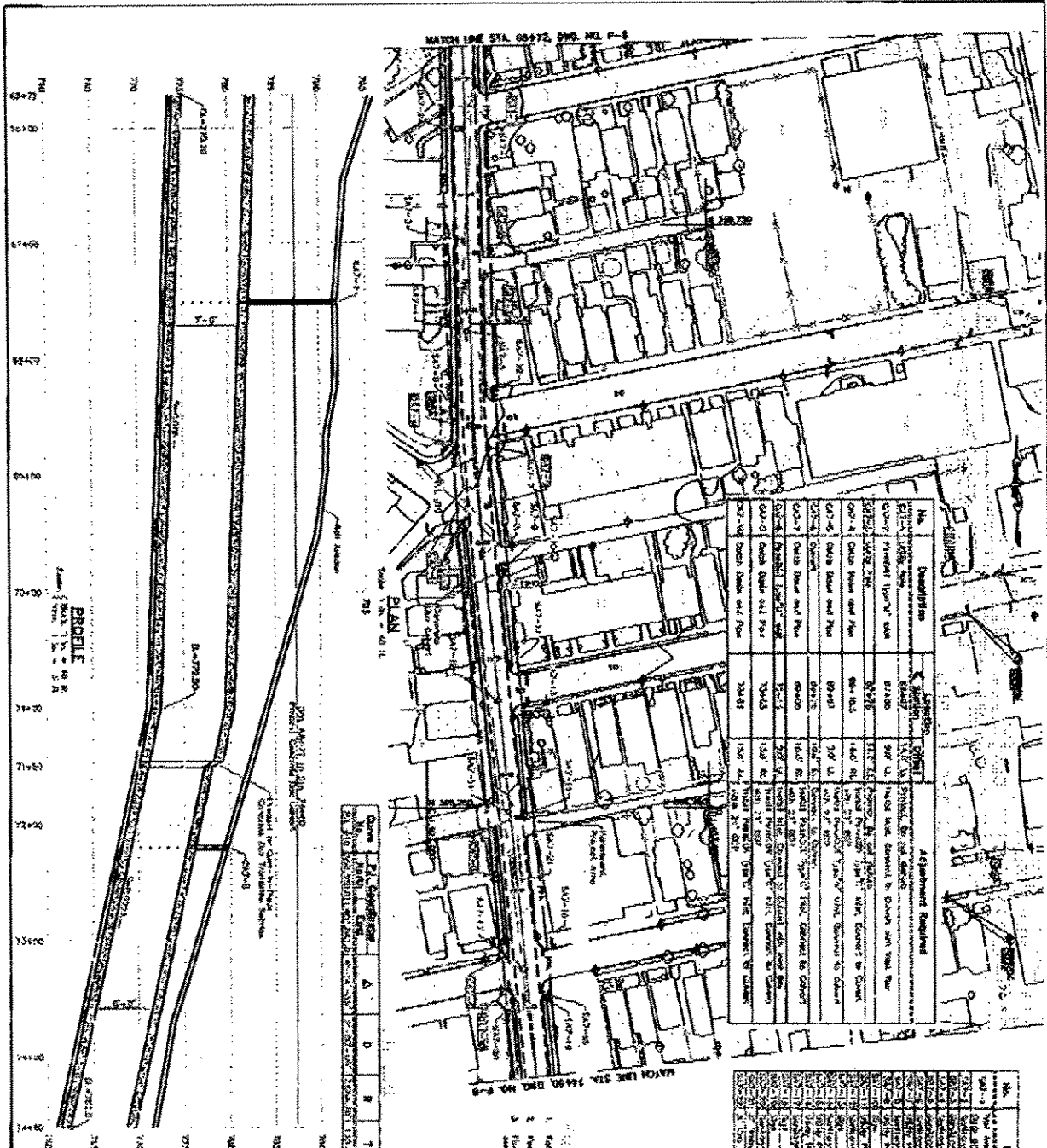


1. For design basis, see DWG No. P-1.
2. For general notes, see DWG No. P-1.
3. For special details, see DWG No. P-1.
4. For structure, consult the design book.
5. For structural details of this job, see DWG No. P-1.
6. For general notes, see DWG No. P-1.

Rev.	Date	Description
1	7/20/09	Initial design for No. 1 structure and related from station 770 to 830.
2	7/20/09	Revised design for structure and related from station 770 to 830.

COMMISSIONER OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF WATER MANAGEMENT
 COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF GENERAL SERVICES
 HARRISBURG, PENNSYLVANIA

DIVISION OF PROJECTS
 ALLEGANY COUNTY, PENNSYLVANIA
 PLAN AND PROFILE
 STA. 55+15.0 TO STA. 69+72.0
 P-6



No.	Description	Adjustment Required
00-01	Channel bed	0.00
00-02	Channel bed	0.00
00-03	Channel bed	0.00
00-04	Channel bed	0.00
00-05	Channel bed	0.00
00-06	Channel bed	0.00
00-07	Channel bed	0.00
00-08	Channel bed	0.00
00-09	Channel bed	0.00
00-10	Channel bed	0.00
00-11	Channel bed	0.00
00-12	Channel bed	0.00
00-13	Channel bed	0.00
00-14	Channel bed	0.00
00-15	Channel bed	0.00
00-16	Channel bed	0.00
00-17	Channel bed	0.00
00-18	Channel bed	0.00
00-19	Channel bed	0.00
00-20	Channel bed	0.00
00-21	Channel bed	0.00
00-22	Channel bed	0.00
00-23	Channel bed	0.00
00-24	Channel bed	0.00
00-25	Channel bed	0.00
00-26	Channel bed	0.00
00-27	Channel bed	0.00
00-28	Channel bed	0.00
00-29	Channel bed	0.00
00-30	Channel bed	0.00
00-31	Channel bed	0.00
00-32	Channel bed	0.00
00-33	Channel bed	0.00
00-34	Channel bed	0.00
00-35	Channel bed	0.00
00-36	Channel bed	0.00
00-37	Channel bed	0.00
00-38	Channel bed	0.00
00-39	Channel bed	0.00
00-40	Channel bed	0.00
00-41	Channel bed	0.00
00-42	Channel bed	0.00
00-43	Channel bed	0.00
00-44	Channel bed	0.00
00-45	Channel bed	0.00
00-46	Channel bed	0.00
00-47	Channel bed	0.00
00-48	Channel bed	0.00
00-49	Channel bed	0.00
00-50	Channel bed	0.00
00-51	Channel bed	0.00
00-52	Channel bed	0.00
00-53	Channel bed	0.00
00-54	Channel bed	0.00
00-55	Channel bed	0.00
00-56	Channel bed	0.00
00-57	Channel bed	0.00
00-58	Channel bed	0.00
00-59	Channel bed	0.00
00-60	Channel bed	0.00
00-61	Channel bed	0.00
00-62	Channel bed	0.00
00-63	Channel bed	0.00
00-64	Channel bed	0.00
00-65	Channel bed	0.00
00-66	Channel bed	0.00
00-67	Channel bed	0.00
00-68	Channel bed	0.00
00-69	Channel bed	0.00
00-70	Channel bed	0.00
00-71	Channel bed	0.00
00-72	Channel bed	0.00
00-73	Channel bed	0.00
00-74	Channel bed	0.00
00-75	Channel bed	0.00
00-76	Channel bed	0.00
00-77	Channel bed	0.00
00-78	Channel bed	0.00
00-79	Channel bed	0.00
00-80	Channel bed	0.00
00-81	Channel bed	0.00
00-82	Channel bed	0.00
00-83	Channel bed	0.00
00-84	Channel bed	0.00
00-85	Channel bed	0.00
00-86	Channel bed	0.00
00-87	Channel bed	0.00
00-88	Channel bed	0.00
00-89	Channel bed	0.00
00-90	Channel bed	0.00
00-91	Channel bed	0.00
00-92	Channel bed	0.00
00-93	Channel bed	0.00
00-94	Channel bed	0.00
00-95	Channel bed	0.00
00-96	Channel bed	0.00
00-97	Channel bed	0.00
00-98	Channel bed	0.00
00-99	Channel bed	0.00
01-00	Channel bed	0.00

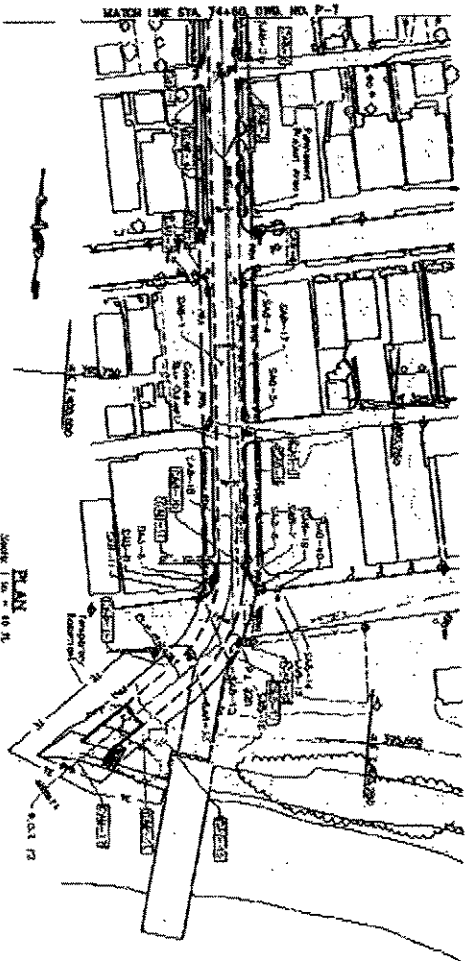
1. For channel bed, see page 10-1.
 2. For channel bed, see page 10-1.
 3. For channel bed, see page 10-1.

Dist. Sta.	Station	Station	Station
0+00	0+00	0+00	0+00
0+10	0+10	0+10	0+10
0+20	0+20	0+20	0+20
0+30	0+30	0+30	0+30
0+40	0+40	0+40	0+40
0+50	0+50	0+50	0+50
0+60	0+60	0+60	0+60
0+70	0+70	0+70	0+70
0+80	0+80	0+80	0+80
0+90	0+90	0+90	0+90
1+00	1+00	1+00	1+00

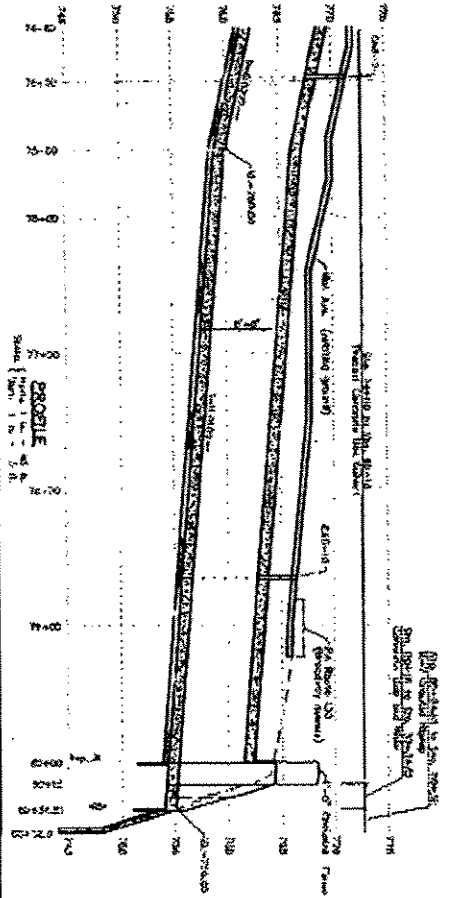
COMMISSIONER OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF WATER MANAGEMENT
 COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF GENERAL SERVICES
 HARRISBURG, PENNSYLVANIA

PLAN AND PROFILE
 STA. 65+72.0 to STA. 74+80.0
 P-7

Sheet No.	0	R	1	1
Project No.	7448.0			
Section	PLAN			
Station	7448.0			
Scale	1" = 10'			



PLAN
Scale: 1" = 10'



PROFILE
Scale: 1" = 10'

No.	Description	Quantity	Unit	Adjustment Required
100-1	Concrete Deck	1000	sq. ft.	None
100-2	Concrete Abutment	2	cu. yd.	None
100-3	Concrete Pier	10	cu. yd.	None
100-4	Concrete Spillway	1	cu. yd.	None
100-5	Concrete Approach	1	cu. yd.	None
100-6	Concrete Foundation	1	cu. yd.	None
100-7	Concrete Pier	10	cu. yd.	None
100-8	Concrete Abutment	2	cu. yd.	None
100-9	Concrete Spillway	1	cu. yd.	None
100-10	Concrete Approach	1	cu. yd.	None
100-11	Concrete Foundation	1	cu. yd.	None
100-12	Concrete Pier	10	cu. yd.	None
100-13	Concrete Abutment	2	cu. yd.	None
100-14	Concrete Spillway	1	cu. yd.	None
100-15	Concrete Approach	1	cu. yd.	None
100-16	Concrete Foundation	1	cu. yd.	None
100-17	Concrete Pier	10	cu. yd.	None
100-18	Concrete Abutment	2	cu. yd.	None
100-19	Concrete Spillway	1	cu. yd.	None
100-20	Concrete Approach	1	cu. yd.	None
100-21	Concrete Foundation	1	cu. yd.	None
100-22	Concrete Pier	10	cu. yd.	None
100-23	Concrete Abutment	2	cu. yd.	None
100-24	Concrete Spillway	1	cu. yd.	None
100-25	Concrete Approach	1	cu. yd.	None
100-26	Concrete Foundation	1	cu. yd.	None
100-27	Concrete Pier	10	cu. yd.	None
100-28	Concrete Abutment	2	cu. yd.	None
100-29	Concrete Spillway	1	cu. yd.	None
100-30	Concrete Approach	1	cu. yd.	None
100-31	Concrete Foundation	1	cu. yd.	None
100-32	Concrete Pier	10	cu. yd.	None
100-33	Concrete Abutment	2	cu. yd.	None
100-34	Concrete Spillway	1	cu. yd.	None
100-35	Concrete Approach	1	cu. yd.	None
100-36	Concrete Foundation	1	cu. yd.	None
100-37	Concrete Pier	10	cu. yd.	None
100-38	Concrete Abutment	2	cu. yd.	None
100-39	Concrete Spillway	1	cu. yd.	None
100-40	Concrete Approach	1	cu. yd.	None
100-41	Concrete Foundation	1	cu. yd.	None
100-42	Concrete Pier	10	cu. yd.	None
100-43	Concrete Abutment	2	cu. yd.	None
100-44	Concrete Spillway	1	cu. yd.	None
100-45	Concrete Approach	1	cu. yd.	None
100-46	Concrete Foundation	1	cu. yd.	None
100-47	Concrete Pier	10	cu. yd.	None
100-48	Concrete Abutment	2	cu. yd.	None
100-49	Concrete Spillway	1	cu. yd.	None
100-50	Concrete Approach	1	cu. yd.	None
100-51	Concrete Foundation	1	cu. yd.	None
100-52	Concrete Pier	10	cu. yd.	None
100-53	Concrete Abutment	2	cu. yd.	None
100-54	Concrete Spillway	1	cu. yd.	None
100-55	Concrete Approach	1	cu. yd.	None
100-56	Concrete Foundation	1	cu. yd.	None
100-57	Concrete Pier	10	cu. yd.	None
100-58	Concrete Abutment	2	cu. yd.	None
100-59	Concrete Spillway	1	cu. yd.	None
100-60	Concrete Approach	1	cu. yd.	None
100-61	Concrete Foundation	1	cu. yd.	None
100-62	Concrete Pier	10	cu. yd.	None
100-63	Concrete Abutment	2	cu. yd.	None
100-64	Concrete Spillway	1	cu. yd.	None
100-65	Concrete Approach	1	cu. yd.	None
100-66	Concrete Foundation	1	cu. yd.	None
100-67	Concrete Pier	10	cu. yd.	None
100-68	Concrete Abutment	2	cu. yd.	None
100-69	Concrete Spillway	1	cu. yd.	None
100-70	Concrete Approach	1	cu. yd.	None
100-71	Concrete Foundation	1	cu. yd.	None
100-72	Concrete Pier	10	cu. yd.	None
100-73	Concrete Abutment	2	cu. yd.	None
100-74	Concrete Spillway	1	cu. yd.	None
100-75	Concrete Approach	1	cu. yd.	None
100-76	Concrete Foundation	1	cu. yd.	None
100-77	Concrete Pier	10	cu. yd.	None
100-78	Concrete Abutment	2	cu. yd.	None
100-79	Concrete Spillway	1	cu. yd.	None
100-80	Concrete Approach	1	cu. yd.	None
100-81	Concrete Foundation	1	cu. yd.	None
100-82	Concrete Pier	10	cu. yd.	None
100-83	Concrete Abutment	2	cu. yd.	None
100-84	Concrete Spillway	1	cu. yd.	None
100-85	Concrete Approach	1	cu. yd.	None
100-86	Concrete Foundation	1	cu. yd.	None
100-87	Concrete Pier	10	cu. yd.	None
100-88	Concrete Abutment	2	cu. yd.	None
100-89	Concrete Spillway	1	cu. yd.	None
100-90	Concrete Approach	1	cu. yd.	None
100-91	Concrete Foundation	1	cu. yd.	None
100-92	Concrete Pier	10	cu. yd.	None
100-93	Concrete Abutment	2	cu. yd.	None
100-94	Concrete Spillway	1	cu. yd.	None
100-95	Concrete Approach	1	cu. yd.	None
100-96	Concrete Foundation	1	cu. yd.	None
100-97	Concrete Pier	10	cu. yd.	None
100-98	Concrete Abutment	2	cu. yd.	None
100-99	Concrete Spillway	1	cu. yd.	None
100-100	Concrete Approach	1	cu. yd.	None

No.	Description	Quantity	Unit	Adjustment Required
100-101	Concrete Deck	1000	sq. ft.	None
100-102	Concrete Abutment	2	cu. yd.	None
100-103	Concrete Pier	10	cu. yd.	None
100-104	Concrete Spillway	1	cu. yd.	None
100-105	Concrete Approach	1	cu. yd.	None
100-106	Concrete Foundation	1	cu. yd.	None
100-107	Concrete Pier	10	cu. yd.	None
100-108	Concrete Abutment	2	cu. yd.	None
100-109	Concrete Spillway	1	cu. yd.	None
100-110	Concrete Approach	1	cu. yd.	None
100-111	Concrete Foundation	1	cu. yd.	None
100-112	Concrete Pier	10	cu. yd.	None
100-113	Concrete Abutment	2	cu. yd.	None
100-114	Concrete Spillway	1	cu. yd.	None
100-115	Concrete Approach	1	cu. yd.	None
100-116	Concrete Foundation	1	cu. yd.	None
100-117	Concrete Pier	10	cu. yd.	None
100-118	Concrete Abutment	2	cu. yd.	None
100-119	Concrete Spillway	1	cu. yd.	None
100-120	Concrete Approach	1	cu. yd.	None
100-121	Concrete Foundation	1	cu. yd.	None
100-122	Concrete Pier	10	cu. yd.	None
100-123	Concrete Abutment	2	cu. yd.	None
100-124	Concrete Spillway	1	cu. yd.	None
100-125	Concrete Approach	1	cu. yd.	None
100-126	Concrete Foundation	1	cu. yd.	None
100-127	Concrete Pier	10	cu. yd.	None
100-128	Concrete Abutment	2	cu. yd.	None
100-129	Concrete Spillway	1	cu. yd.	None
100-130	Concrete Approach	1	cu. yd.	None
100-131	Concrete Foundation	1	cu. yd.	None
100-132	Concrete Pier	10	cu. yd.	None
100-133	Concrete Abutment	2	cu. yd.	None
100-134	Concrete Spillway	1	cu. yd.	None
100-135	Concrete Approach	1	cu. yd.	None
100-136	Concrete Foundation	1	cu. yd.	None
100-137	Concrete Pier	10	cu. yd.	None
100-138	Concrete Abutment	2	cu. yd.	None
100-139	Concrete Spillway	1	cu. yd.	None
100-140	Concrete Approach	1	cu. yd.	None
100-141	Concrete Foundation	1	cu. yd.	None
100-142	Concrete Pier	10	cu. yd.	None
100-143	Concrete Abutment	2	cu. yd.	None
100-144	Concrete Spillway	1	cu. yd.	None
100-145	Concrete Approach	1	cu. yd.	None
100-146	Concrete Foundation	1	cu. yd.	None
100-147	Concrete Pier	10	cu. yd.	None
100-148	Concrete Abutment	2	cu. yd.	None
100-149	Concrete Spillway	1	cu. yd.	None
100-150	Concrete Approach	1	cu. yd.	None

1. See General Notes, see Page 10, 11, 12, 13.
2. See Foundation Notes, see Page 10, 11, 12, 13.
3. See Bridge Notes, see Page 10, 11, 12, 13.
4. See Foundation Notes, see Page 10, 11, 12, 13.
5. See Bridge Notes, see Page 10, 11, 12, 13.

DEPARTMENT OF ENVIRONMENTAL PROTECTION
 DEPARTMENT OF WATER MANAGEMENT
 COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF GENERAL SERVICES
 HARRISBURG, PENNSYLVANIA

PROJECT OF PENNSYLVANIA
 AUTHORITY COUNTY, PENNSYLVANIA

PLAN AND PROFILE
 STA. 7448.0 TO END OF PROJECT

P-8

PN:10-51

11 of 11