



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. 200400948

Date: July 11, 2005

Notice No. 05-45

Closing Date: August 11, 2005

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 (33 U.S.C. 1344).

2. **APPLICANT:** PA Dept. of General Services
Bureau of Engineering and Architecture
18th and Herr Streets
Harrisburg, PA 17125

3. **LOCATION:** in Turtle Creek, in Export, Westmoreland County, Pennsylvania

4. **PURPOSE AND DESCRIPTION OF WORK:** The applicant is proposing to construct a flood protection project for the Borough of Export that is designed to contain the 100 year flood within the top of bank of Turtle Creek. The flood protection project will affect approximately 4,876 l.f. of stream length. The project will consist of several different types of channel, including construction of concrete U-channels, concrete box culverts, trapezoidal channels with grass lining, trapezoidal channel with grouted riprap lining, and channel bank widening. The design includes: 2,813 feet of concrete U-channel, having a minimum wall height of 5 1/2 feet and a minimum width of 20 feet; construction of two concrete box culverts, with a combined length of 200 feet; 355 feet of trapezoidal channel lined with grouted riprap; 1,060 feet of trapezoidal earth channel with a 5' wide low flow channel and 15 foot wide elevated flood plain (The left bank and elevated floodplain will be grass lined and protected with turf reinforcement mat. The right bank of the creek along Kennedy Avenue will be lined with grouted riprap.); channel widening for 115 feet at the upstream end of the project to transition from low capacity earth channel and floodplain to the concrete channel; channel bank widening for 333 feet at the downstream end of the project (the channel banks will be widened from a point one foot above the existing stream invert and the existing stream bottom will not be disturbed.) This project is phase one of a two phase plan to contain the 100- year flood along Turtle Creek. This project was designed to protect public health, safety, and property by alleviating flood related damages along Turtle Creek in the Borough of Export. The total earth disturbance for this construction project is under 4.0 acres. Excavation for the concrete channels, box culverts, upstream channel widening and

trapezoidal channels will follow along the stream bed and extend for approximately 15 feet on each side of the stream's centerline. No buildings will be affected by this project. Drawings of the proposed project are attached to this notice.

5. ENCROACHMENT PERMIT: The applicant is required to obtain an encroachment permit which includes State 401 Water Quality Certification from the:

Pennsylvania Department of Environmental Protection
South Central Regional Office
Bureau of Waterways Engineering
Rachel Carson State Office Building
P.O. Box 8460
Harrisburg, PA 17105-8460

Telephone: 717-787-1731

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: The National Register of Historic Places has been consulted, and it has been determined that there are no properties currently listed on the register which would be directly affected by the proposed work. 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).

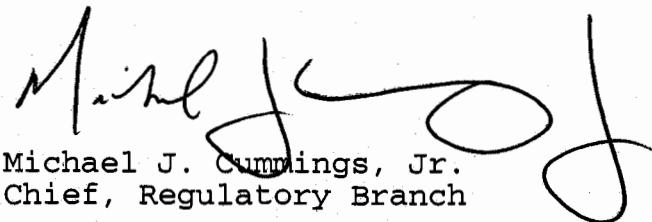
8. PUBLIC INVOLVEMENT: Any person may request, in writing, within the comment period specified in the paragraph below entitled "RESPONSES," that a public hearing be held to consider this application. The requests for public hearing shall state, with particularity, the reasons for holding a public hearing.

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 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 Christina L. Schroeder, at the above address, by telephoning (412) 395-7375, or by e-mail at Christina.L.Schroeder@usace.army.mil. Please refer to CELRP-OP-F 200400948 in all responses.

FOR THE DISTRICT ENGINEER:



Michael J. Cummings, Jr.
Chief, Regulatory Branch

PROJECT

LOCATION MAP

Scale: 1 in. = 9 mi.

PROJECT LIMITS

PROJECT LIMITS

**BOROUGH OF EXPORT
MUNICIPALITY OF MURRYSVILLE**

**TURTLE CREEK
LOCATION AND
VICINITY MAP**

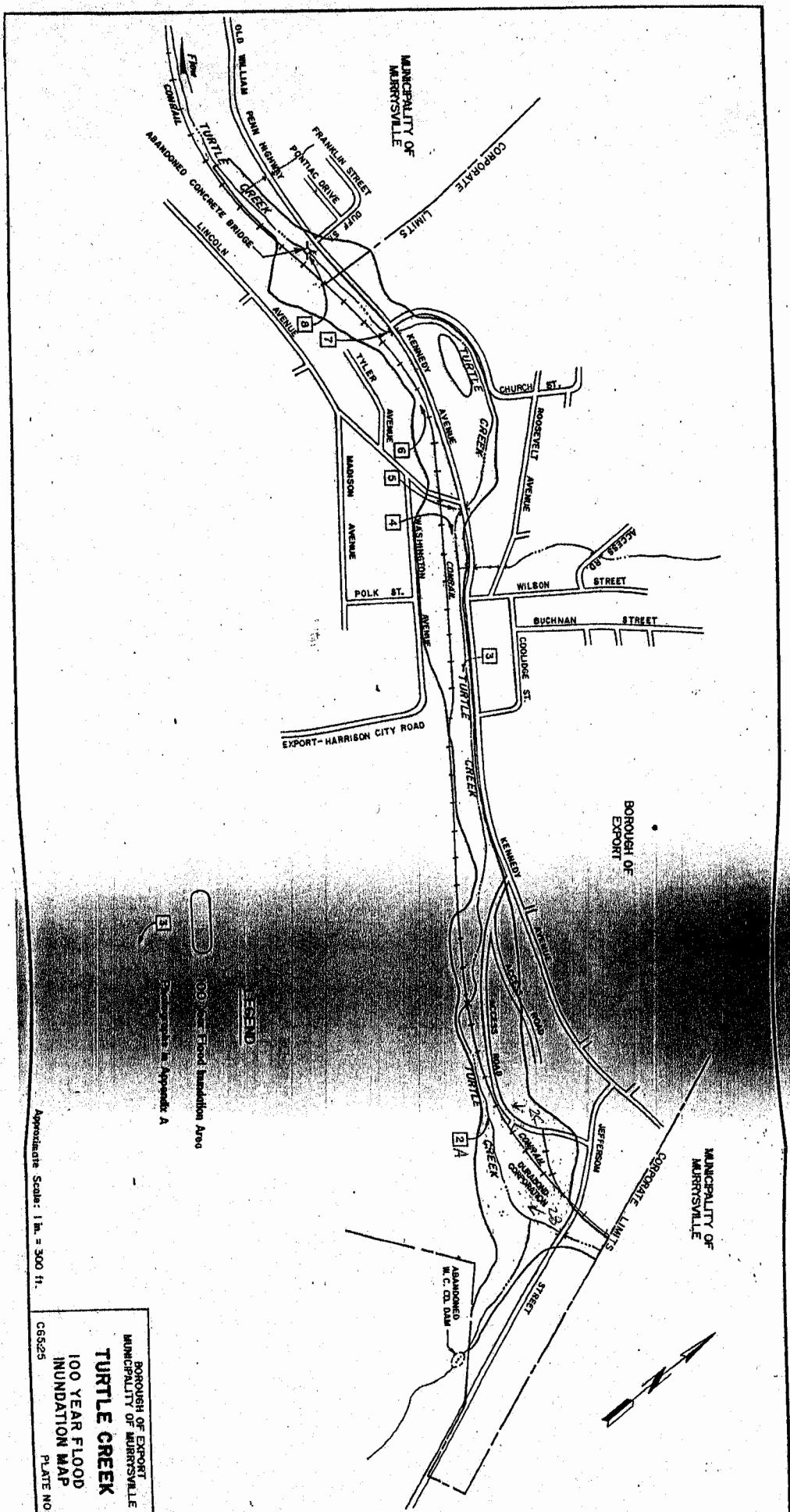
VICINITY MAP

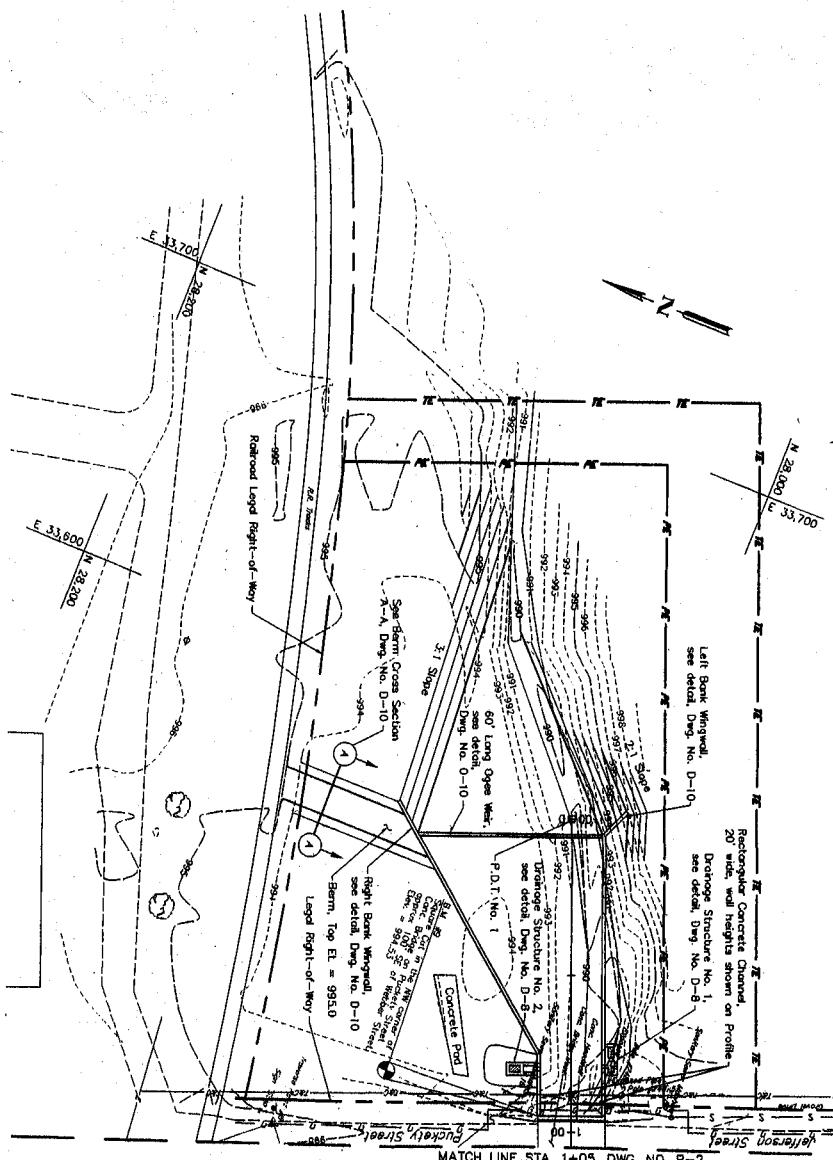
Scale: 1 in. = 2000 ft.

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Scale: 1 in. = 20 ft.

Scale: 1 in. = 20 ft.

BENCH MARK DATA

B.M. No.	Elevation	Location
9	994.53	Square cut in NW corner of concrete bridge on Puckley Street.

TRAVERSE POINT REFERENCE

Traverse Point	Coordinates	
	North	East
#8	28.075.12	33.453.47



ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 10-22-01 BY CM/ML			
DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF WATER MANAGEMENT COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA			
PROJECT NO. D.G.S. 163-13			
BOROUGH OF EXPORT FLOOD PROTECTION PROJECT BOROUGH OF EXPORT WESTMORELAND COUNTY, PENNSYLVANIA			
PLAN AND PROFILE			
Sheet 19	10-Acres	Section No.	
Owner or Contractor	Title		
As Shown			
P-1			

PLAN AND PROFILE

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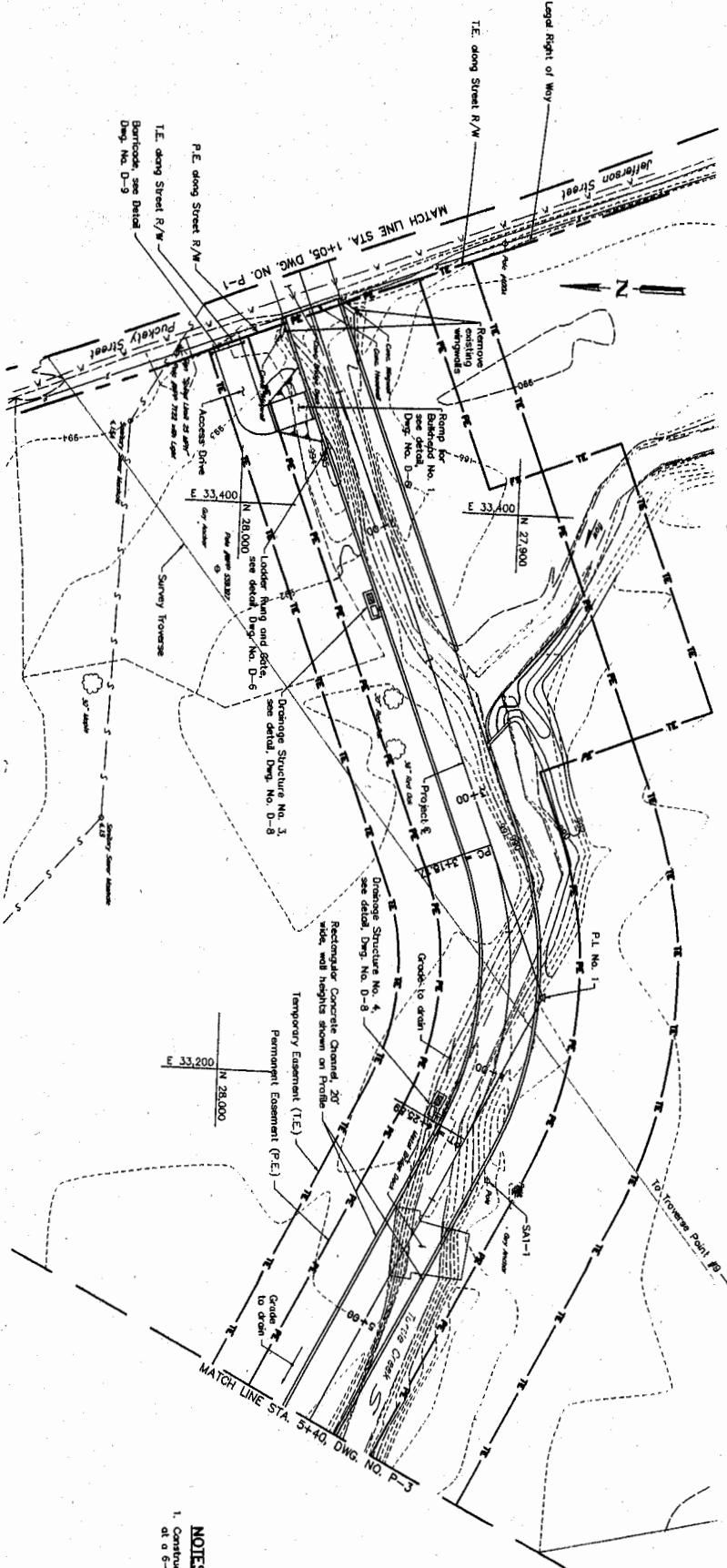
CURVE NO. 1

P.I. No. 1 N 27-883.96
E 33-320.59
A = 48-28-23°
R = 12-60-00
T = 57-32'
L = 07-72'
P.C. Sta. 3+18.17
P.T. Sta. 4+25.86

NOTES:
1. Construct Access Drive with Select Material Surfacing
at a 6-inch thickness.

Traverse Point	Coordinates
#9	N 27-883.96 E 33-320.59

Note: None a reference.

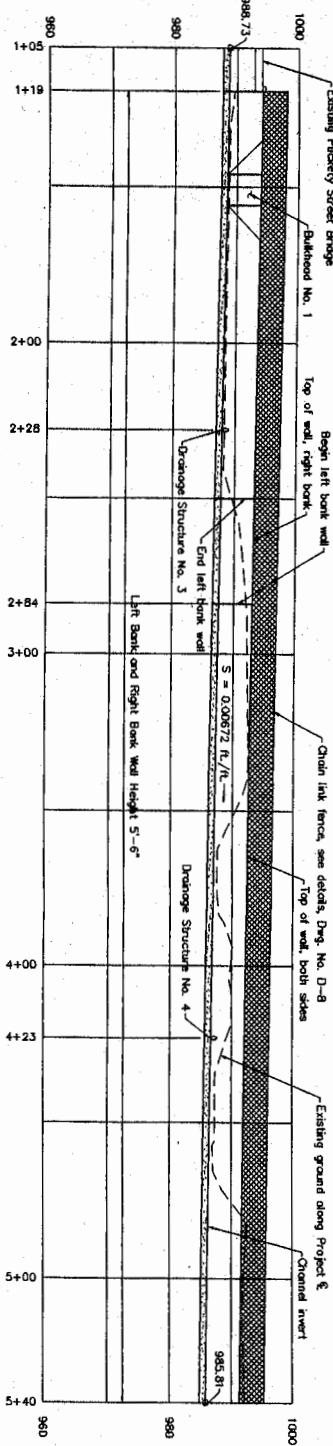


SPONSOR ADJUSTMENTS

No.	Description	Location	Offset	Adjustment Required
S.A.I.-1	Utility Pole	4+25	14' LL	Polesets

PLAN

Scale: 1 in. = 20 ft.



PROFILE

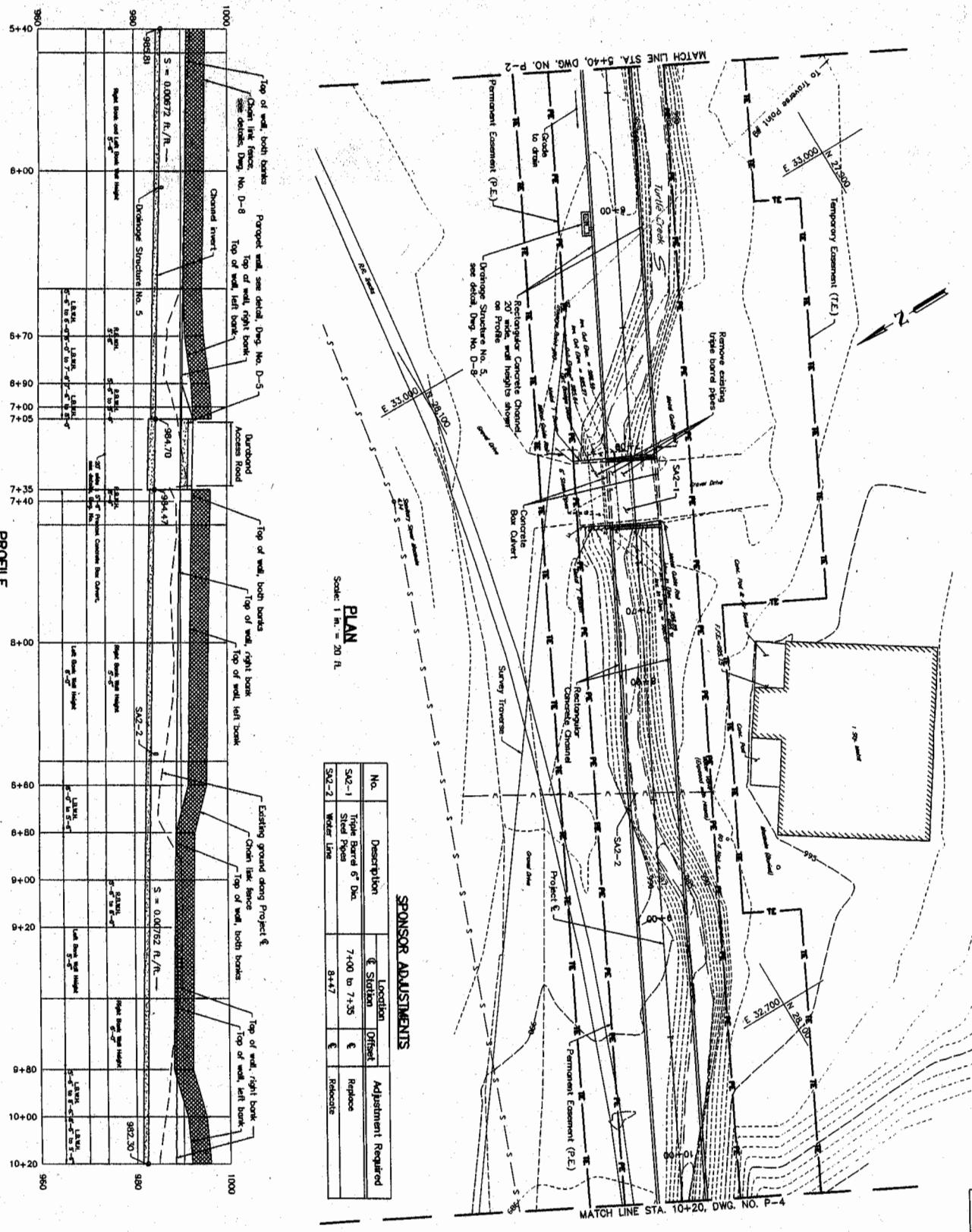
Scale: { Horz. 1 in. = 20 ft.
Vert. 1 in. = 10 ft.

All dimensions are shown
in feet unless otherwise
stated. All dimensions
are to be read in combination
with the scale.

PLAN AND PROFILE

Time or M.L.F.	Date	Drawing No.
On Behalf of	As Subcon-	P-2

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B.M. No.	Elevation	Location
8	1001.93	Mail in Post #7125 at the entrance to Dundonald's Plant off Puckley Street.

TRAVERSE DATA	
Survey No.	Coordinates
North	East
25.02779	33.00115

c: Traverse Point #10 does not have a reference.

ALL DIMENSIONS AND DESIGN CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE.

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CURVE NO. 3

P.L. No. 3 (E 28,800.70)
 A = 08° 27' 52"
 D = 15° 00' 00"
 R = 381.97'
 L = 221.21'
 P.C. Sta. 16+63.76
 P.T. Sta. 16+63.76

Match Line STA 16+63.76
 wall heights shown on Profile —
 T.E. along Railroad R/W

20+320

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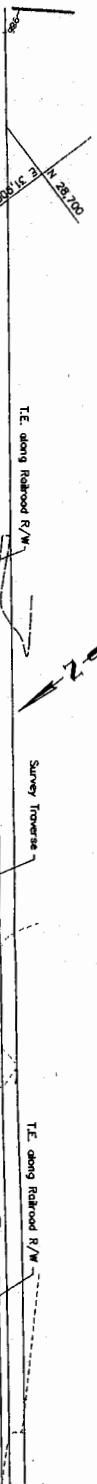
20+320

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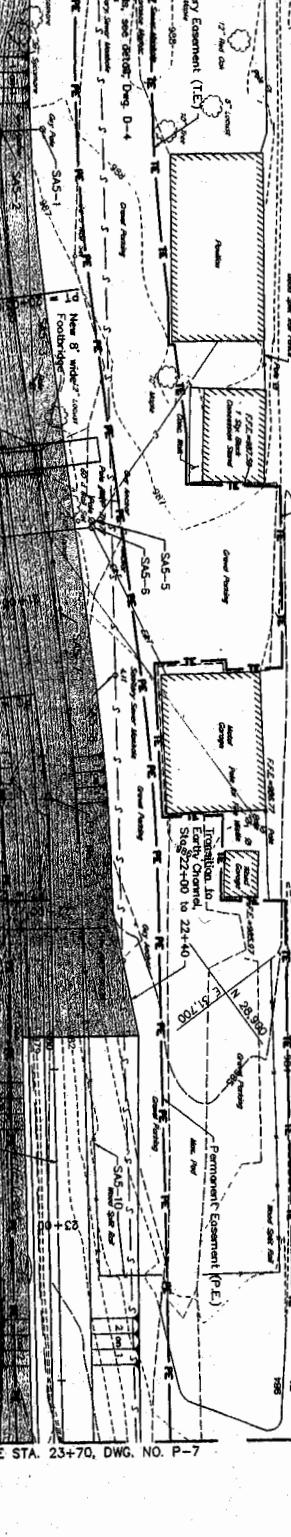
CURVE NO. 4

CURVE NO. 5



P.L. No. 4 N 28,922.47
E 31,976.10
D = 11° - 42' - 05"
R = 107.40
T = 31.30
L = 11° - 01' - 00"
P.C. Sta. 18+86.02
P.T. Sta. 20+03.04

P.L. No. 5 N 28,982.75
E 31,764.80
D = 06° - 38' - 41"
R = 104.90
T = 31.30
L = 88.45
P.C. Sta. 21+30.53
P.T. Sta. 21+48.53



PLAT MADE ON DATE _____
BY _____ FOR _____, L.L.C.
AND APPROVED BY _____
ON _____

Survey Traverses
R.R. Survey

TRAVERSE POINT REFERENCES

No Scale

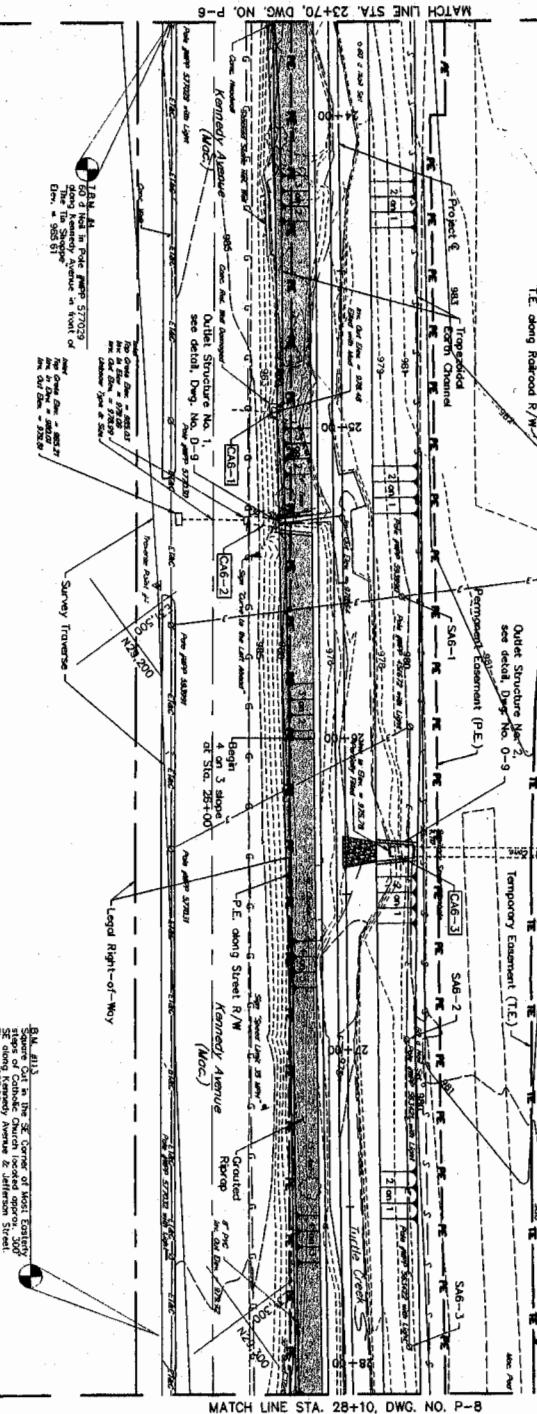
Traverse Point	Coordinates
P-8	North 29.183.43 East 31.505.17

MATCH LINE STA. 23+70, DWG. NO. P-8

TRAVERSE POINT #4
ELEV. = 985.91

B.M. No.	Elevation	Location
P-8	985.91	Neck in Pole 23+70/03 along Kennedy Avenue in front of the Catholic Church located at the corner of Kennedy Avenue and Main Street.

NOTES:
1. Pole R-5 Rises on right channel bank from Sta. 23+70 to Sta. 28+10. Then ground, see Cross Sections.



PLAN

Scale: 1 in. = 20 ft.

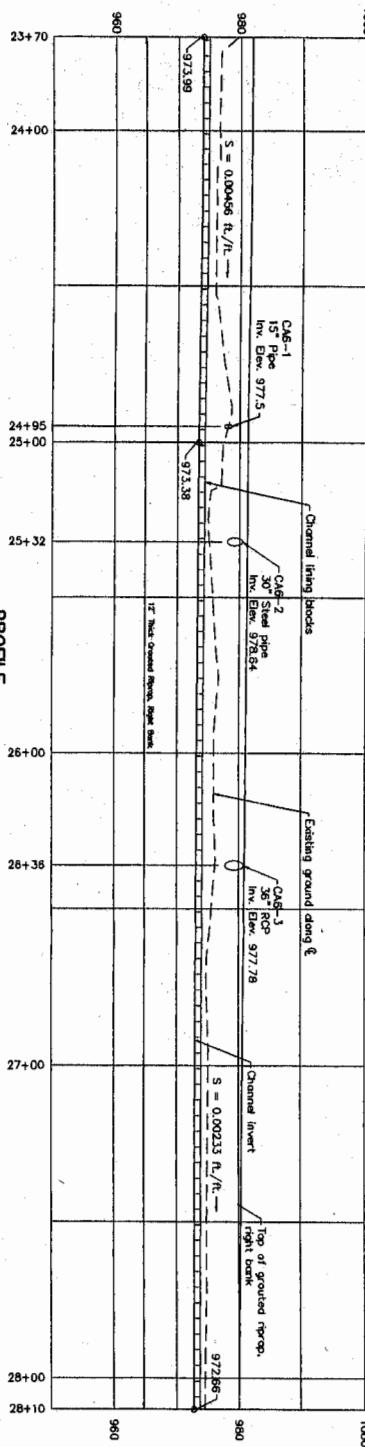
CONTRACTOR ADJUSTMENTS

No.	Description	Location	Offset	Adjustment Required
C46-1	Storm Sewer Pipe	24+95	28 ft. Extend and Bore	
C46-2	30' Steel Pipe	25+30	21 ft. Connect to Outlet Structure	
C46-3	36' RCP	26+36	15' LL Cut and Connect to Outlet Structure	

SPONSOR ADJUSTMENTS

No.	Description	Location	Offset	Adjustment Required
SA6-1	Utility Pole	25+55	19' LL	Relocate
SA6-2	Utility Pole	26+98	19' LL	Relocate
SA6-3	Utility Pole	27+98	19' LL	Relocate

1000
23+70
24+00
24+95
25+00
25+32
26+00
26+36
27+00
28+00
28+10



PROFILE
Scale: 1 in. = 20 ft.
VERT. 1 in. = 10 ft.

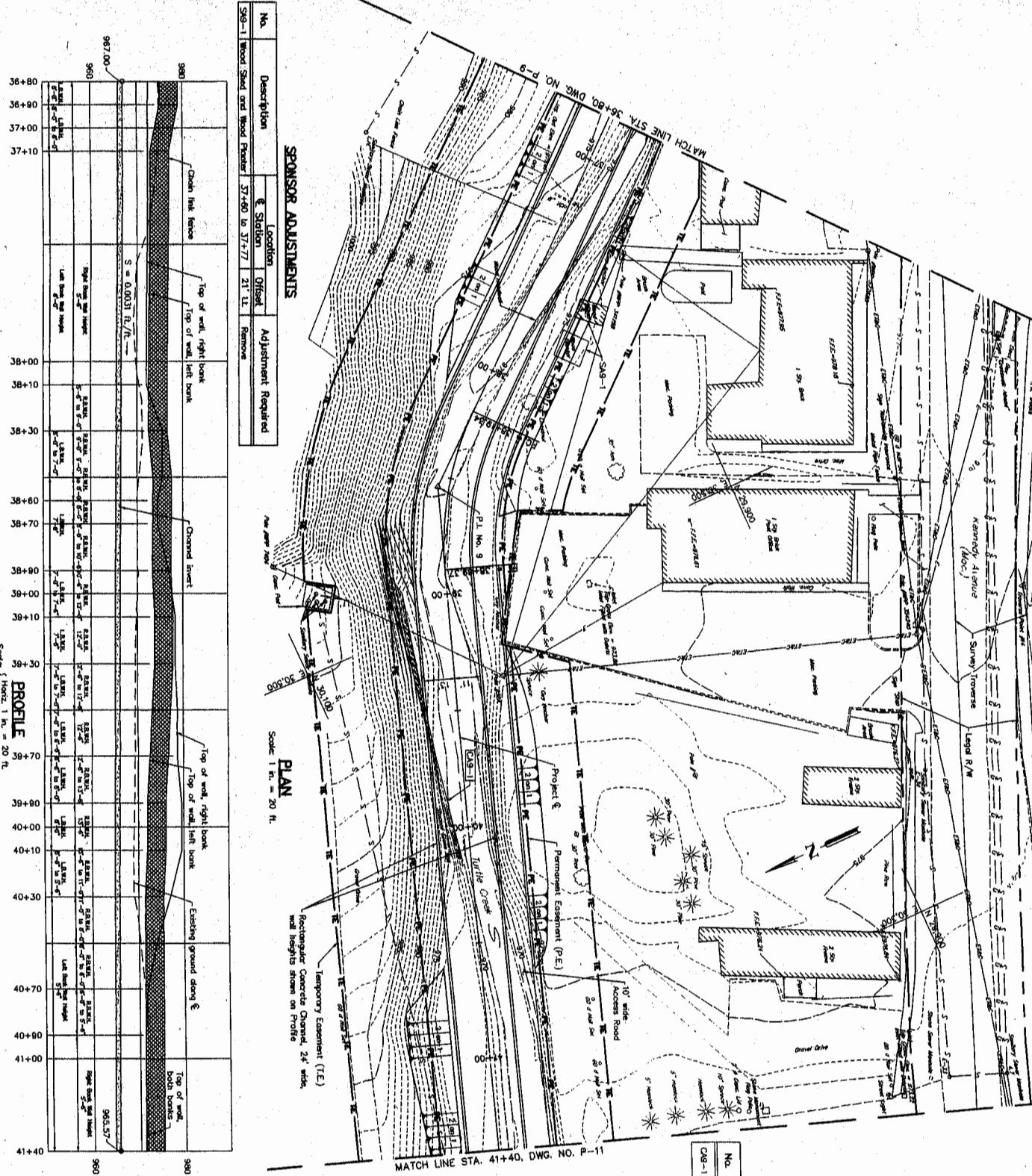
ALL Dimensions ARE IN FEET
Contractor Shall Be Ocredited
After Work Is Completed
At The Site

PLAN AND PROFILE

Sheet No.	Date	Drawing No.
P-7	As Shown	

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CONTRACTOR ADJUSTMENTS

Traverse Point	Coordinates	
	North	East
#14	22,801.53	30,408.93

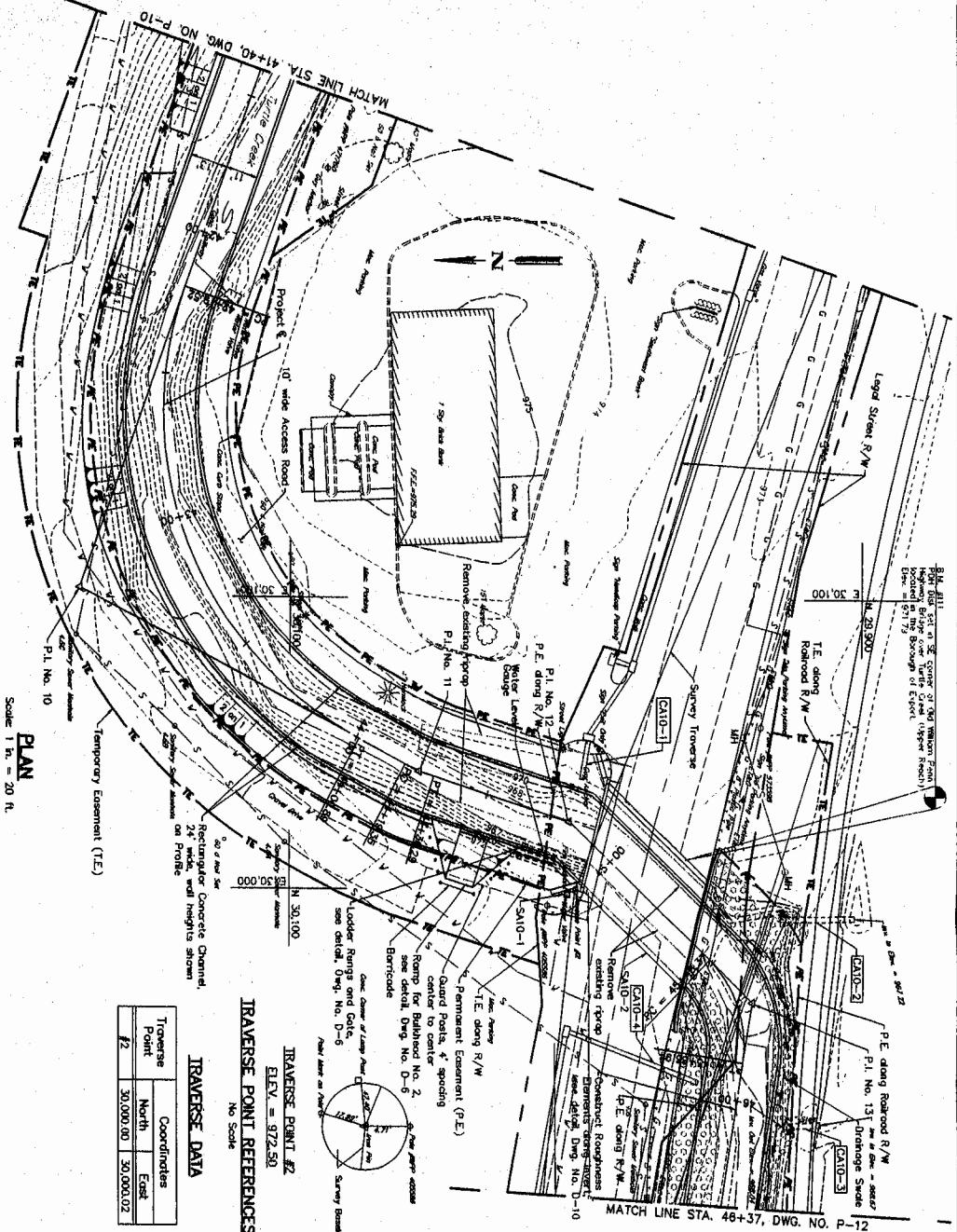
Note: Traverse Point #4 does not

TRAVERSE DATA

L = 70.02
P.C. Sto. 38+19.34
P.T. Sto. 38+89.37

CURVE NO. S
P.L. No. 9 { N 30.01634
E 30.55188

HARRISBURG, PENNSYLVANIA	PROJECT NO. D.G.S. 183-13
DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF WATER MANAGEMENT COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA	
BOROUGH OF EXPORT FLOOD PROTECTION PROJECT BOROUGH OF EXPORT MESSENGER AND COUNTY, PENNSYLVANIA	PLAN AND PROFILE
NAME BY NAME BY NAME BY	DATE DATE DATE
P - 10	



BENCH MARK DATA

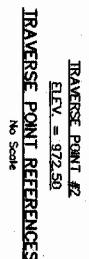
B.M. No.	Elevation	Location
111	971.79	PDH Disk in SE corner of the downstream Kennedy Avenue Bridge over Turtle Creek

CONTRACTOR ADJUSTMENTS

No.	Description	Location	Station	Offset	Adjustment Required
SAL-0-1	Fire Hydrant		44-85	25' R.	Relocate (COMPLETED)
SAL-0-2	Kennedy Avenue Bridge	44-899 to 45-30	LL. E. RI.	Rodocate (COMPLETED)	

MOTES

1. Grade the Kennedy Avenue wall to the existing drainage right-of-way, then do Stas. 46-48.
 2. Remove existing riprap upstream of the Kennedy Avenue Bridge and from under the bridge, as needed.
 3. Grout the existing riprap on left channel bank beginning at Station 46-15.
 4. Continue grouting to end of existing riprap, approximately Stas. 47-15.
 4. Install a water level gauge on the right channel wall at Sta. 44-70.

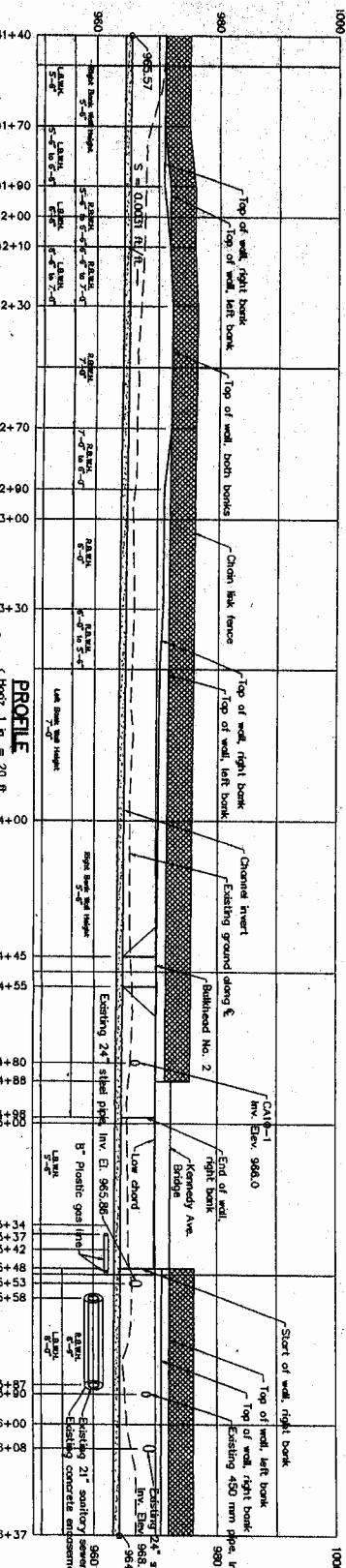


TRAVERSE DATA

Traverse Point	Coordinates	
	North	East
#2	30,000.00	30,000.02



Scale: 1 in. = 20 ft.



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The logo for the Pennsylvania Department of Environmental Protection (DEP). It features a blue shield-shaped background with a white border. Inside the shield, there is a stylized landscape illustration with green land, blue water, and white clouds. The text "DEPARTMENT OF ENVIRONMENTAL PROTECTION" is written in a serif font at the top of the shield, and "PENNSYLVANIA" is written in a smaller serif font below it.

BOROUGH OF EXPORT
FLOOD PROTECTION PROJECT
BOROUGH OF EXPORT
WESTMORELAND COUNTY, PENNSYLVANIA

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