

COMMONWEALTH OF PENNSYLVANIA
Department of Environmental Protection
Northwest Regional Office

June 28, 2012
Tel: 814-332-6984
Fax: 814-332-6117

SUBJECT: Maintenance Force Projects
PA DOT, District 1-0
DEP File No.: E61-9999
S.R. 4024-0050-1422 Walnut Creek
Summit Township, Erie County

TO: Robert E. Bell
Bridge and Structural Design Supervisor
District 1-0

FROM: Matt Supel
Water Pollution Biologist
Waterways and Wetlands

This is in reply to your letter dated May 23, 2012 and accompanying information concerning the referenced bridge maintenance projects.

The projects has been **reviewed and deemed acceptable** to be made part of DEP Permit No.E61-9999.

Attached to this acknowledgement is your Federal Clean Water Act Section 404 authorization in the form of the Pennsylvania State Programmatic General Permit (PASPGP-4).

This authorization includes the replacement of the existing superstructure of the SR 4024 bridge over Walnut Creek (CWF). **No machine access or scaffolding** in Walnut Creek is permitted under this authorization for the project scope submitted.

Please remember to follow the **Standards for Bridge Clearance, Channel Improvement and Bridge Rehabilitation Projects** when conducting the specified work.

Since Walnut Creek is a Lake Erie tributary and a migratory fish stream, no work shall be done in the stream channel between September 1 and April 30 without **prior written approval of the Pennsylvania Fish and Boat Commission**.

In stream disturbance shall be kept to an absolute minimum and an **Erosion and Sedimentation Control Plan in accordance with PA DOT Publication 464** shall be developed and implemented during construction.

Please keep a copy of this memo, Erosion and Sedimentation Control Plan and Standards for Bridge Clearance, Channel Improvement and Bridge Rehab Projects on the project at all times.

If you have any questions, please contact Matt Supel by e-mail at msupel@pa.gov or by phone at 814-332-6155.

cc: Allen Edris, US ACE, Pittsburgh
William Savage, PA Fish and Boat Commission

PASPGP-4 PERMIT COMPLIANCE, SELF-CERTIFICATION FORM

Project Name: S.R. 4020-0050-1422

Applicant Name: PA DOT, District 1-0

PA DEP Permit No.: E61-9999

Date of Issuance: June 28, 2012

Corps Permit No. (if available): _____

Date of Issuance: _____

Waterway: Walnut Creek

County: Erie

Dear Permittee:

In accordance with the compliance certification condition of your PASPGP-4 authorization, you are required to complete and sign this certification form and return it to the appropriate Corps of Engineers District in which the work is located:

U.S. Army Corps of Engineers,
Philadelphia District
Regulatory Branch
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390

U.S. Army Corps of Engineers,
Baltimore District
1631 South Atherton Street
Suite 101
State College, PA 16801-6260

U.S. Army Corps of Engineers,
Pittsburgh District
Regulatory Branch
Federal Building, 20th floor
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Please note that the permitted activity is subject to compliance inspections by U.S. Army Corps of Engineer's representatives. As a condition of this permit, failure to return this notification form, provide the required information below, or to perform the authorized work in compliance with the permit, can result in suspension, modification or revocation of your authorization in accordance with 33 CFR Part 325.7 and/or administrative, civil, and/or criminal penalties, in accordance with 33 CFR part 326.

Please provide the following information:

1. Date authorized work commenced: _____

2. Date authorized work completed: _____

3. Was all work, including any required mitigation, completed in accordance with your PASPGP-4 authorization?
 YES NO

4. Explain any deviations (use additional sheets if necessary)

5. Was mitigation accomplished through an approved in-lieu fee program?
 YES NO (if **YES** please provide documentation, if **NO** complete Nos. 6 and 7 below).

6. Wetland Mitigation: Required? YES NO Required Completion Date _____
Completed? YES NO Mitigation Monitoring Reports Required? Yes No

7. Attach labeled photographs showing completed work including mitigation area(s) (not required for PADEP GP's/Waivers)

I hereby certify that, except as noted above, that all work, including mitigation, has been completed in accordance with the terms and conditions, including special conditions of the above referenced permit.

<i>Applicant's Signature:</i>	<i>Consultant/Agent Signature:</i>
<i>Address:</i>	<i>Address</i>
<i>Telephone:</i>	<i>Telephone:</i>
<i>Email:</i>	<i>Email:</i>

PENNSYLVANIA STATE PROGRAMMATIC GENERAL PERMIT – 4 (PASPGP-4)

July 1, 2011

Please note: the full text of the PASPGP-4 may be viewed on the Baltimore District web site at <http://www.nab.usace.army.mil/Wetlands%20Permits/> or by calling the Corps at 814-235-0570

Applicant: PA DOT, District 1-0

State Authorization(s): E61-9999 June 28, 2012

Corps District:

Philadelphia

U.S. Army Corps of Engineers,
Philadelphia District
Regulatory Branch
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390

Baltimore

U.S. Army Corps of Engineers,
Baltimore District
Regulatory Branch
1631 South Atherton Street
Suite 101
State College, PA 16801-6260

Pittsburgh

U.S. Army Corps of Engineers,
Pittsburgh District
Regulatory Branch
Federal Building 20th floor
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

It has been determined that your proposed project, which includes the discharge of dredged and/or fill material and/or the placement of structures into waters of the United States, including wetlands, qualifies for Federal authorization under the provisions of Section 404 of the Clean Water Act and /or Section 10 of the River and Harbor Act of 1899, under the terms and conditions of the PASPGP-4.

All activities authorized under PASPGP-4 must comply with all conditions of the authorization, including General, Procedural, and Special Conditions. Failure to comply with all the conditions of the authorization, including project special conditions, will constitute a permit violation and may be subject to criminal, civil, or administrative penalties, and /or restoration.

The authorized activity must be performed in compliance with the following General Conditions to be authorized under PASPGP-4:

General Conditions:

- 1. Permit Conditions:** The permittee shall comply with all terms and conditions set forth in the PADEP authorization for use of this permit, including all conditions of Section 401 Water Quality Certification, and any subsequent amendment or modification to such authorization. The permittee shall conduct all work and activities in strict compliance with all approved maps, plans, profiles, and specifications used by PADEP and/or the Corps as the basis for its authorization or subsequent modification of authorization.
- 2. Aquatic Life Movements:** No activity may substantially disrupt the movement of those species of aquatic life indigenous to the waterbody, including those species which normally migrate through the area, unless the activity's primary purpose is to impound water. Culverts placed in streams must be appropriately depressed to maintain aquatic life movement and low flow conditions.
- 3. Threatened and Endangered Species:** If an activity is authorized under the PASPGP-4, and a Federally listed threatened or endangered species, or proposed species or critical habitat, is subsequently found to be present, all work must

cease, and the Corps and USFWS (or NMFS) must be notified. The PASPGP-4 verification is suspended and will not be re-issued until consultation pursuant to Section 7 of the ESA is concluded and adverse effects to Federally listed threatened, endangered, and proposed species and critical habitat are avoided. Furthermore, persons have an independent responsibility under Section 9 of ESA to not engage in any activity that could result in the "take" of a Federally listed species.

4. **Spawning Areas:** The permittee shall comply with all time-of-year restrictions as set forth by the PFBC or other designated agency. Discharges or structures in spawning or nursery areas shall not occur during spawning seasons, unless written approval is obtained by the PFBC or other designated agency. In addition, work in areas used for other time sensitive life span activities of fish and wildlife (such as hibernation or migration) may necessitate the use of seasonal restrictions for avoidance of adverse impacts to vulnerable species. Impacts to these areas shall be avoided or minimized to the maximum extent practicable during all other times of the year.
5. **Waterfowl Breeding and Wintering Areas:** Activities including discharges of dredged or fill material or the placement of structures in breeding and wintering areas of migratory waterfowl must be avoided to the maximum extent practicable.
6. **Shellfish Production:** No discharge of dredged or fill material and/or the placement of structures may occur in areas of concentrated shellfish production, unless the discharge is directly related to an authorized shellfish harvesting activity.
7. **Adverse Effects From Impoundments:** If the activity, including the discharge of dredged or fill material or the placement of a structure, creates an impoundment of water, the adverse effects on the aquatic system caused by the accelerated passage of water and/or the restriction of its flow, including impacts to wetlands, shall be minimized to the maximum extent practicable.
8. **Obstruction of High Flows:** To the maximum extent practicable, the activity must be designed to maintain pre-construction downstream flow conditions (i.e., location, capacity, and flow rates). Furthermore, the activity must not permanently restrict or impede the passage of normal or expected high flows (unless the primary purpose of the fill is to impound waters), and the structure or discharge of dredged and/or fill material shall be designed to withstand expected high flows.
9. **Erosion and Sediment Controls:** During construction, appropriate erosion and siltation controls must be used and maintained in effective operating condition in accordance with State regulations. All exposed soil and other fill material must be permanently stabilized.
10. **Suitable Material:** No activity, including discharges of dredged and/or fill material or the placement of structures, may consist of unsuitable material (i.e., asphalt, trash, debris, car bodies, etc.). No material discharged shall contain toxic pollutants in amounts that would violate the effluent limitation standards of §307 of the CWA.
11. **Temporary Fill:** Temporary fill in waters and wetlands authorized by the PASPGP-4 (i.e., access roads and cofferdams) shall be properly constructed and stabilized during use to prevent erosion and accretion. Temporary fill in wetlands shall be placed on geotextile fabric laid on existing wetland grade. Whenever possible, rubber or wooden mats should be used for equipment access through wetlands to the project area. Temporary fills shall be removed, in their entirety, to an upland site, and suitably contained to prevent erosion and transport to a waterway or wetland. Temporary fill areas shall be restored to their preconstruction contours, elevations, and hydrology and re-vegetated with non-invasive, native species.
12. **Equipment Working in Wetlands:** Measures must be taken to minimize soil disturbance when heavy equipment is used in wetland areas. These measures include, but are not limited to, avoiding the use of such equipment, use of timber mats or geotextile fabric, and the use of low pressure tire vehicles.
13. **Installation and Maintenance:** Any structure or fill authorized shall be properly installed and maintained to ensure public safety.
14. **PASPGP-4 Verification:**
 - a. The PASPGP-4 expires June 30, 2016, unless suspended or revoked.
 - b. Activities authorized under a project specific PASPGP-4 expire June 30, 2016, unless suspended, revoked, or the PADEP authorization expires, whichever date occurs sooner. Activities authorized under the project specific PASPGP-4

that have commenced construction or are under contract to commence construction will remain authorized provided the activity is completed within 12 months of the date of the PASPGP-4's expiration, modification, or revocation; or until the expiration date of the project specific verification, whichever is sooner.

15. One-Time Use: A PASPGP-4 authorization is valid to construct the project, or perform the activity, one time only, except for PASPGP-4 authorizations specifically issued for reoccurring maintenance activities.

16. Water Supply Intakes: No activity, including discharges of dredged and/or fill material and/or the placement of structures, may occur in the proximity of a public water supply intake and adversely impact the public water supply.

17. Cultural Resources: For all activities verified under a PASPGP-4, upon the discovery of the presence of previously unknown Historic Properties (historic or archaeological), all work must cease and the permittee must notify the SHPO and the Corps of Engineers. The PASPGP-4 authorization is not valid until it is determined, through the Section 106 consultation process, whether the activity will have an effect on the Historic Property. The PASPGP-4 may be re-verified and special conditions added if necessary, after an effects determination on the Historic Property is made. The PASPGP-4 authorization may be suspended and/or revoked in accordance with 33 CFR 325.7 for the specific activity if an adverse effect on the Historic Property cannot be avoided or mitigated.

18. Tribal Rights: No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

19. Corps Civil Works Projects: The PASPGP-4 does not authorize any work which will interfere with an existing or proposed Corps Civil Works project (i.e., flood control projects, dams, reservoirs, and navigation projects). The permittee understands and agrees that, if future operations by the United States require removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal, relocation, or alteration.

20. Navigation: No activity authorized under PASPGP-4 may cause more than a minimal adverse effect on navigation. No attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized herein. In addition, activities that require temporary causeways that prohibit continued navigational use of a waterway (i.e., temporary causeways extending greater than $\frac{3}{4}$ the width across the waterway) shall be removed in their entirety upon completion of their use. Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

21. Inspections: The permittee shall allow a District Engineer or his authorized representative(s) to make periodic inspections at any time deemed necessary in order to ensure that the work is being performed in accordance with all the terms and conditions of the PASPGP-4. The District Engineer may also require post-construction engineering drawings (as-built plans) for completed work.

22. PASPGP-4 Permit Compliance Self Certification Form: A Self Certification Form, regarding the PASPGP-4 authorized work and required mitigation, will be forwarded to each permittee with the PASPGP-4 verification. Every permittee, who receives a written PASPGP-4 verification, shall submit the signed Self Certification Form upon completion of the authorized work and required mitigation. The completed form shall be returned to the appropriate Corps District.

23. Permit Modifications: Any proposed modification of the authorized overall project that results in a change in the authorized impact to, or use of waters of the United States, including jurisdictional wetlands, must be approved by PADEP. Corps approval is also required if the overall project had been previously reviewed by the Corps as a Category III activity, or the proposed modification causes the overall project impacts to exceed 1.0 acre of waters of the United States, including jurisdictional wetlands, or 250 linear feet of streams, rivers, other watercourses and open water areas. Project modifications

that cause the overall project impacts to exceed 1.0 acre of waters of the United States, including wetlands, may not be eligible for PASPGP-4 and will be forwarded to the Corps for review.

24. Recorded Conservation Instruments: As per Part IV.A.26 and Part IV.B.4 and Part IV.C.8 of this permit, proposed Draft Conservation Instruments may be submitted by the applicant as part of the permit application package for review and approval. **When such proposed Conservation Instruments are submitted by the applicant, verification of the recorded deed restriction, conservation easement, or deed restricted open space area shall be forwarded to the appropriate Corps District and appropriate PADEP offices, prior to the initiation of any permitted work.**

25. Property Rights: This PASPGP-4 does not convey any property rights, either in real estate or material, or any exclusive privileges; nor does it authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws or regulations.

26. Navigable Waters of the United States (Section 10 Waters): In addition to the conditions referenced above, the following conditions are applicable for navigable waters of the United States eligible for the PASPGP-4. The PASPGP-4 may be used to authorize work in the following navigable waters of the United States:

- a. Codorus Creek – from the confluence with the Susquehanna River 11.4 miles upstream to the Indian Rock Dam in York, Pennsylvania;
- b. Main Stem Susquehanna River – from the confluence with the Chesapeake Bay upstream to Athens, Pennsylvania (approximately 4 miles south from the New York State line);
- c. West Branch of the Susquehanna River – from the confluence with the main stem Susquehanna River upstream to the dam at Lock Haven, Pennsylvania;
- d. Chester Creek – from the confluence with the Delaware River 2 miles upstream;
- e. Crum Creek – from the confluence with the Delaware River 1 mile upstream to the upstream side of the dam at Eddystone;
- f. Darby Creek – from the confluence with the Delaware River 5 miles upstream to the upstream side of 84th Street Bridge in Philadelphia;
- g. Delaware River – from the Morrisville-Trenton Railroad Bridge in Morrisville, Pennsylvania, including the West Branch of the Delaware River, upstream to the Pennsylvania/New York border at the 42nd parallel;
- h. Lehigh River – from the confluence with the Delaware River 72 miles upstream to the downstream side of PA Route 940 Bridge;
- i. Neshaminy Creek – from the confluence with the Delaware River, including the Neshaminy State Park Harbor Project at the mouth of Neshaminy creek, 4 miles upstream to the downstream side of the Newportville Bridge;
- j. Pennypack Creek – from the confluence with the Delaware River 2 miles upstream to the downstream side of Frankford Avenue Bridge in Philadelphia;
- k. Ridley Creek – from the confluence with the Delaware River 1 mile upstream to the upstream side of the Baltimore and Ohio Railroad Bridge in Chester, Pennsylvania;
- l. Schuylkill River – from the Fairmont Dam, 104 miles upstream to Port Carbon, Pennsylvania; and
- m. Schuylkill Navigation Channel (Manayunk Canal) – along the Schuylkill River for two miles from the Flat Rock dam to Lock Street in the Manayunk Section of Philadelphia, Pennsylvania.

27. For Aerial Transmission Lines Across Navigable Waters:

- a. The following minimum clearances are required for aerial electric power transmission lines crossing navigable waters of the United States. These clearances are related to the clearances over the navigable channel provided by existing fixed bridges, or the clearances which would be required by the United States

Coast Guard for new fixed bridges, in the vicinity of the proposed aerial transmission line. These clearances are based on the low point of the line under conditions producing the greatest sag, taking into consideration temperature, load, wind, length of span, and type of supports as outlined in the National Electrical Safety Code:

NOMINAL SYSTEM VOLTAGE (kV)	Minimum additional clearance (ft.) above clearance required for bridges.
115 and below	20
138	22
161	24
230	26
350	30
500	35
700	42
750-765	45

i. Clearances for communication lines, stream gauging cables, ferry cables, and other aerial crossings must be a minimum of ten feet above clearances required for bridges, unless specifically authorized otherwise by the District Engineer.

ii. Corps of Engineer regulation ER 1110-2-4401 prescribes minimum vertical clearances for power communication lines over Corps lake projects. In instances where both this regulation and ER 1110-2-4401 apply, the greater minimum clearance is required.

b. **Encasement:** The top of the cable, encasement, or pipeline shall be located a minimum of three feet below the existing bottom elevation of the streambed and shall be backfilled with suitable heavy material to the preconstruction bottom elevation. Where the cable, encasement, or pipeline is placed in rock, a minimum depth of one foot from the lowest point in the natural contour of the streambed shall be maintained. When crossing a maintained navigation channel, the requirements are a minimum of eight feet between the top of the cable, encasement, or pipeline and the authorized depth of the navigation channel. For maintained navigational channels, where the utility line is placed in rock, a minimum depth of two feet from the authorized depth of the navigation channel shall be maintained.

c. **As-built drawings:** Within 60 days of completing an activity that involves an aerial transmission line, submerged cable, or submerged pipeline across a navigable water of the United States (i.e., Section 10 waters), the permittee shall furnish the Corps and the National Oceanic and Atmospheric Administration, Nautical Data Branch, N/CS26, Station 7317, 1315 East-West Highway, Silver Spring, Maryland, 20910 with professional, certified as-built drawings, to scale, with control (i.e., latitude/longitude, state plane coordinates), depicting the alignment and minimum clearance of the aerial wires above the mean high water line at the time of survey or depicting the elevations and alignment of the buried cable or pipeline across the navigable waterway.

d. **Aids to Navigation:** The permittee must prepare and provide for United States Coast Guard (USCG) approval, a Private Aids To Navigation Application (CG-2554). The form can be found at: http://www.uscg.mil/forms/cg/CG_2554.pdf. Within 30 days of the date of receipt of the USCG approval, the permittee must provide a copy to the applicable Corps District.

By Authority of the Secretary of the Army:

David E. Anderson
Colonel, Corps of Engineers District
Engineer, Baltimore

Philip M. Secrist, III

Lieutenant Colonel, Corps of Engineers
District Engineer, Philadelphia

William H. Graham
Colonel, Corps of Engineers
District Engineer, Pittsburgh

PENNDOT FORM EDD-VI

ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE 1
VISUAL INSPECTION FORM

DATE: _____

SR/SEC: _____

COUNTY: _____

SEGMENT: _____

ECMS
Project#: _____

ACTIVITY: _____

Location: _____

Visual Site Inspection (EDD-PHASE 1):

- *Stressed Vegetation* Yes [] No []
- *Staining on Soils* Yes [] No []
- *Staining Along PennDOT ROW
or on ROW Materials* Yes [] No []
- *Detectable Odors* Yes [] No []

Comments: Attached additional pages or information as necessary.

Findings

Check one:

- Due diligence inspection performed and no visual evidence of a spill or release in project ROW was detected.
- Due diligence inspection performed and evidence of a spill or release in project ROW was detected. Phase 2 documents attached.
- Due diligence not applicable for this project. No waste or fill.

SIGNATURE: _____

PRINTED NAME: _____

TITLE: _____

ORGANIZATION: _____

*** FORM MUST BE MAINTAINED FOR A MINIMUM 5 YEARS IN THE PROJECT FILE***

PENNDOT EDD-VII

CLEAN FILL ENVIRONMENTAL DUE DILIGENCE [EDD] PHASE 2

DATE : _____

SR/SEC : _____ ECMS PROJECT # : _____

SEGMENT : _____

COUNTY : _____

ACTIVITY : _____

LOCATION : _____

A Phase 1 EDD was conducted for the above project and has identified evidence of a potential spill or release of regulated substances to the material. A Phase 2 EDD was performed.

Findings Check all that apply:

- 1. Based on the results of the Phase 2 investigations, it has been determined that **no** spill or release has occurred.
- 2. Based on the results of the Phase 2 investigations, there is documented evidence that a spill or release has occurred. **MUST COMPLETE ITEM 3**
- 3. If Item 2 is checked, Item 3 must be completed: The materials were Collected and sampled, in accordance with Appendix A of the PADEP Management of Fill Guidance, and
 - All regulated substances analyzed were reported as non-detectable. Form FP-001 must be completed along with the laboratory data, and provided to the property owner of the fill receiving site. Attach documentation.
 - The concentration of regulated substances detected were below the levels indicated in Table FP-1a/1b. Form FP-001 must be completed along with the laboratory data, and provided to the property owner of the fill receiving site. Attach documentation.
 - The concentration of regulated substances detected exceeds the levels in Table FP-1a/1b, but are below the levels indicated in Table GP-1a/1b. **The material is Regulated Fill** and must be approval by the PENNDOT Project Manager for use. If approved, PADEP General Permit WMGR096 must be obtained.
 - The concentration of regulated substances detected exceeds the levels in Table GP-1a/1b. **The materials are a waste.** Manage in accordance with applicable PA Solid Waste Management Act waste regulations. Attach documentation.

SIGNATURE : _____

PRINTED NAME : _____

TITLE : _____

ORGANIZATION : _____

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

NOTE: PERSONS INVOLVED IN PERFORMING EDD ACTIVITIES DO NOT NEED TO COMPLETE ALL STEPS OF THIS PROCESS. ONLY THOSE REQUIRED FOR PROPERLY CHARACTERIZING MATERIALS TO DETERMINE THEY ARE CLEAN FILL.

EDD Phase 2: STEP 1

- **Property ownership and use histories (deed reviews) for evidence of potential releases of wastes or chemicals from operations along the PennDOT ROW:**

Land and Property Use and Ownership Types Found (Check All That Apply):

- *Public* []
- *Private* []
- *Agricultural* []
- *Industrial* []
- *Commercial* []
- *Residential* []
- *Unused* []
- *Other* []

(Specify) _____

- **Searching environmental databases to determine the existence of potential impacts from any types of waste sites or related activities that exist or may have existed within the vicinity of the PennDOT ROW: (See Appendix 1)**

Databases Searched (Check All That Apply):

- *PennDOT* []
- *PA DEP* []
- *US EPA* []
- *Other* []

(Specify) _____

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

- **Conducting Interviews with All Relevant Parties to determine whether there had been any incidents that involved the release of substances directly to the PennDOT ROW:**

Interviews Conducted (Check All That Apply):

- *Former Property Owners* []
- *Current Property Owners* []
- *Former Land Owners* []
- *Current Land Owners* []
- *Fire Departments* []
- *Hazardous Materials Teams* []
- *Regulatory Agencies* []

(Specify) _____

- **Examination of aerial photographs in order to determine all land uses within the vicinity of the ROW:**

- Aerial Photographs Evaluated Yes [] No []; if “Yes”: refer to Appendix 1 for a Pennsylvania Department of Conservation and Natural Resources (PA DCNR) web site address for locating aerial photographs.

- **Examination of Sanborne or other fire insurance maps (*there is an additional cost for obtaining these*), in order to determine the existence of businesses that may have had any prior releases of **regulated substances** to the PennDOT ROW:**

- *Sanborne Fire Insurance Maps Examined* []; refer to Appendix 1 for web site address and telephone number for obtaining these maps;
- *Alternate Fire Insurance Maps Examined* []

(Specify) _____

EDD Phase 2 STEP 2:

- **Sampling and Analysis of PennDOT ROW Materials. If there is documented evidence of a spill or release, materials must be tested to determine if they are clean fill, **regulated fill, or** to characterize for proper waste disposal.**
- **Sampling and analysis should be conducted in accordance with Appendix A of the PA DEP Management of Fill Guidance: 258-2182-773 April 24, 2004.**

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

APPENDIX 1: LISTING OF WEB SITES AND RELATED CONTACTS FOR ENVIRONMENTAL DUE DILIGENCE DATABASE SEARCHES

Pennsylvania Department of Environmental Protection (PA DEP) -Related Sites

- **Pennsylvania Municipal and Residual Waste Facilities** (web link: www.dep.state.pa.us/dep/deputate/airwaste/wm/mrw/Docs/Landfill_list.htm); (this website contains descriptions of all Pennsylvania landfills and incinerators (site name, permit number, host county, municipality, and contact person), all arranged by PA DEP region; for more information, click on either the facility name link (this leads to the PA DEP Environmental Facility Application and Compliance Tracking System (E-Facts) information about any specific facility) or contact person (e-mail) link).
- **Pennsylvania Land Recycling and Environmental Remediation Standards Act (Act 2) Sites** (web link: www.pasitefinder.state.pa.us/Site_listing.asp); this website contains information on all Act 2 sites that have been completed to date and updates that are made to the website when needed; click on the “more details” box associated with each site listed to obtain an interactive “E-Map” location/link for any site selected along with pertinent site information).
- **Pennsylvania Hazardous Sites Cleanup Act (HSCA) Sites** (web link: www.dep.state.pa.us/dep/deputate/airwaste/wm/hscp/docs/HSCA_Site_List.pdf); this website brings up a list of Pennsylvania HSCA sites that are arranged by PA DEP Region and shows municipality, county, number and dates for HSCA responses (interim and remedial levels), in addition to the site status (complete, listed on Pennsylvania Priority List, or de-listed).
- **Pennsylvania Storage Tank Release and Active Storage Tank Sites** (web link for storage tank releases: www.dep.state.pa.us/dep/deputate/airwaste/wm/Tanks/Document/tank_release.htm); this website contains a listing of all known storage tank incidents, and is arranged by PA DEP region (with each regional incident alphabetized by county); other details included are facility I. D. #, site name, address, city, county, incident description, confirmation date, type of incident (underground storage tank release (petroleum or hazardous material), or above-ground storage tank release; click on the “Tank Incidents” PDF or Adobe Acrobat Files to see the entire list of storage tank releases to date); web link for active storage tanks: www.dep.state.pa.us/dep/deputate/airwaste/wm/tanks/storagetanks/tank_listings.htm; click on the PA DEP Regional links to obtain Excel spreadsheet lists of storage tanks; information similar to what can be found on the storage tank release sites (except releases) can be found on the active storage tanks list).

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

APPENDIX 1: LISTING OF WEB SITES AND RELATED CONTACTS FOR ENVIRONMENTAL DUE DILIGENCE DATABASE SEARCHES

United States Environmental Protection Agency (US EPA)-Related Sites

- ***Pennsylvania Comprehensive Environmental Response and Liability Act (CERCLA/Superfund) Sites*** (web link: www.epa.gov/reg3hwmd/super/PA/index.htm); this website contains information on all Pennsylvania Superfund sites, including name, address, city, county, zip code, US EPA I. D. number, and National Priority List (NPL) status; click on the site name to learn more about any Superfund site).
- ***Pennsylvania Resource Conservation and Recovery Act (RCRA) Facilities*** (web link: www.epa.gov/reg3wcmd/ca/pa.htm); this website contains information for all Pennsylvania RCRA sites, including facility name (click on this for more details), US EPA I. D. number, location (click on this link to get a map showing the site in relation to nearby roadways), environmental indicators (human exposure, groundwater – click on either of these to get the documentation sheets for either or both), and clean up status (initiated, remedy selected, complete with or without controls, construction completed)).
- ***Toxic Release Inventories (TRI)*** (web link: www.epa.gov/tri); this website is from the US EPA, and contains some background information about TRI is and how it is used; releases for specific areas can be found by entering a zip code on the title page; from here, the user can view the facilities that are part of the TRI for the zip code entered, and the extent of releases that have occurred over the years (starting with 1989, and continuing through 2001, the latest year for which TRI information is available); click on the name of any facility shown to obtain a detailed report about the releases and related activities associated with the facility (onsite, off-site, air emissions, water discharges, land disposal)).
- ***Comprehensive Federal and State Site Environmental Database (Enviro-Facts)*** (web link: www.epa.gov/enviro/index_java.html); this website contains information about virtually every type of environmental matter known, both in terms of facilities and the media affected by these facilities' collective activities; under the “**topics**” tab, click on the links related to “*waste*”, “*water*”, “*air*”, “*toxics*”, “*land*”, “*radiation*”, “*maps*”, and “*other*”, to determine the type of media information desired; under the “**advanced capabilities**” tab, click on the “*queries*”, “*maps*”, or “*reports*” links to locate more specific information; from here, the user will be led to a page where queries about any type of environmental site can be entered using a zip code, county or State abbreviation; click on the “find it” link to locate information about one or multiple environmental sites, or, to generate map locations for the any type of environmental site activity desired; the map is interactive, and the user can “zoom in” for closer details about the site; this database may include information on sites from the aforementioned Municipal and Residual Waste, Storage Tanks, RCRA, HSCA, CERCLA, Act 2, and TRI databases; sites with National Pollutant Discharge Elimination System (NPDES) and radiation-related permits also included in this database).

ENVIRONMENTAL DUE DILIGENCE PHASE 2: CLEAN FILL DETERMINATION

APPENDIX 1: LISTING OF WEB SITES AND RELATED CONTACTS FOR ENVIRONMENTAL DUE DILIGENCE DATABASE SEARCHES

Sites for Aerial Photographs and Fire Insurance Maps

- ***Aerial Photographs:*** Aerial photographs may be accessed via the Pennsylvania Department of Conservation and Natural Resources (PA DCNR) web site (web link: www.dcnr.state.pa.us/topogeo/gismaps/aerials.aspx.htm; click on the “Proceed to the new DCNR” link, then click on the “Aerial Photos” option; this will lead to a link for the U. S. Geological Survey’s Aerial Photo Finder; information can be sought, and site location maps can be generated by selecting the “zip code”, “populated place”, or “map location” options).
- ***Sanborne Fire Insurance Maps:*** These maps may be obtained from EDR Sanborne, Inc., at 1-800-352-0050, or at www.edrnet.com; click on the “Sanborne Maps” link, and then click on the phrase “Download Sample” to view an example of this map type. **There is an additional cost for obtaining these maps.**

ENVIRONMENTAL DUE DILIGENCE (EDD) PHASE I
VISUAL INSPECTION FORM

Date: June 27, 2012

SR/SEC: 4024-B00

COUNTY: Erie

SEGMENT: 0050

ECMS PROJECT #: 78834

ACTIVITY: VISUAL INSPECTION

Visual Site Inspection (EDD-PHASE 1):

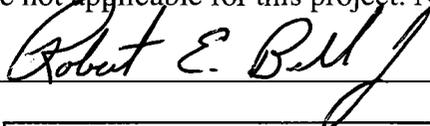
- Stressed Vegetation Yes No X
- Staining on Soils Yes No X
- Staining Along PennDOT ROW Or on ROW Materials Yes No X
- Detectable Odors Yes No X

Comments: Attach additional pages or information as necessary.

Findings

Check one:

- X Due diligence inspection performed and no visual evidence of a spill or release in project ROW was detected.
- Due diligence inspection performed and evidence of a spill or release in project ROW was detected. Phase 2 documents attached.
- Due diligence not applicable for this project. No waste or fill.

SIGNATURE: 

PRINTED NAME: Robert E. Bell, Jr.

TITLE: BRIDGE & STRUCTURAL DESIGN SUPERVISOR

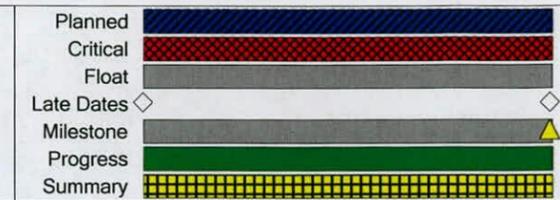
ORGANIZATION: PENNDOT 1-0

* FORM MUST BE MAINTAINED FOR A MINIMUM 5 YEARS IN THE PROJECT FILE*

Project Manager: Bob Bell
 Project Start: 07/02/2012
 Project Finish: 07Aug13

Run: 31Jul12

78834 - SR 4024 Cons SR 4024-B00 Construction Schedule



Activity ID	Activity Desc.	Duration	Total Float	Early Start	Early Finish	2013											
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul		
195	Pour Phase 2 Abutment 1 Diaphragms and Cheekwall	1d	0	08Jul13	08Jul13												195
200	Rebar and Form Phase 2 Abutment 2 Diaphragms and Cheekwall	1d	0	05Jul13	05Jul13												200
205	Pour Phase 2 Abutment 2 Diaphragms and Cheekwall	1d	0	08Jul13	08Jul13												205
206	Phase 2 Abutment 1 and 2 Diaphragms and Cheekwall Cure	3d	0	09Jul13	11Jul13												206
210	Install Phase 2 Waterproofing and Foundation Drain Abutment 1 & 2	1d	21d	09Jul13	09Jul13												210
220	Rebar and Form Phase 2 Deck	2d	0	12Jul13	15Jul13												220
225	Pour Phase 2 Deck	1d	0	16Jul13	16Jul13												225
226	Phase 2 Deck Cure	5d	5d	17Jul13	23Jul13												226
230	Rebar and Form Phase 2 Curb	1d	0	17Jul13	17Jul13												230
235	Pour Phase 2 Curb	1d	5d	24Jul13	24Jul13												235
236	Phase 2 Curb Cure	5d	5d	25Jul13	31Jul13												236
240	Rebar and Form Phase 2 Wings Abutment 1 and 2	2d	0	18Jul13	19Jul13												240
245	Pour Phase 2 Wings Abutment 1 and 2	1d	0	22Jul13	22Jul13												245
246	Phase 2 Wings Abutment 1 and 2 Cure	5d	0	23Jul13	29Jul13												246
250	Backfill Phase 2 Abutment 1 and 2	1d	0	30Jul13	30Jul13												250
255	Rebar and Form Phase 2 Approach Slabs Abutment 1 and 2	1d	0	31Jul13	31Jul13												255
260	Pour Phase 2 Approach Slabs Abutment 1 and 2	1d	0	01Aug13	01Aug13												260
261	Phase 2 Approach Slab Cure	2d	1d	02Aug13	05Aug13												261
265	Install Phase 2 Type 10M Barrier and Finish Approach Roadway	2d	0	02Aug13	05Aug13												265
270	Cleanup Project Site	2d	0	06Aug13	07Aug13												270
280	Open Full Width to Traffic	1d	1d	05Aug13	06Aug13												280
285	Total Working Days	68d	0	06May13	07Aug13												285

**PREVAILING WAGES PROJECT RATES****Project Name:** SR. 4024-B00**Awarding Agency:** PennDot**Contract Award Date:** 10/18/2012**Serial Number:** 12-04803**Project Classification:** Heavy/Highway**Determination Date:** 7/30/2012**Assigned Field Office:** Pittsburgh**Field Office Phone Number:** 412-565-5300**Toll Free Phone Number:** 877-504-8354**Erie County**

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Asbestos & Insulation Workers	8/1/2010		\$30.33	\$20.04	\$50.37
Asbestos & Insulation Workers	8/1/2011		\$31.63	\$20.04	\$51.67
Asbestos & Insulation Workers	8/1/2012		\$32.93	\$20.04	\$52.97
Boilermakers	6/1/2008		\$33.90	\$20.06	\$53.96
Bricklayer	5/1/2011		\$25.62	\$15.98	\$41.60
Bricklayer	11/1/2011		\$26.07	\$16.28	\$42.35
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/1/2009		\$25.79	\$10.63	\$36.42
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/1/2010		\$26.23	\$11.08	\$37.31
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/1/2011		\$26.86	\$11.36	\$38.22
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/16/2012		\$27.19	\$12.04	\$39.23
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/1/2013		\$27.50	\$12.73	\$40.23
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/1/2014		\$27.81	\$13.42	\$41.23
Cement Masons	5/1/2010		\$24.50	\$12.01	\$36.51

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Cement Masons	5/1/2011		\$25.15	\$12.31	\$37.46
Dockbuilder, Pile Drivers	1/1/2010		\$29.95	\$12.25	\$42.20
Dockbuilder, Pile Drivers	1/1/2011		\$30.35	\$13.10	\$43.45
Dockbuilder, Pile Drivers	1/1/2012		\$30.85	\$13.70	\$44.55
Dockbuilder, Pile Drivers	1/1/2013		\$31.45	\$14.20	\$45.65
Drywall Finisher	5/1/2009		\$20.27	\$11.70	\$31.97
Drywall Finisher	5/1/2010		\$20.52	\$12.45	\$32.97
Drywall Finisher	5/1/2011		\$20.53	\$13.44	\$33.97
Drywall Finisher	5/1/2012		\$20.53	\$14.43	\$34.96
Electric Lineman	3/1/2006		\$35.15	\$14.64	\$49.79
Electricians & Telecommunications Installation Technician	6/1/2008		\$26.20	\$15.62	\$41.82
Electricians & Telecommunications Installation Technician	6/1/2009		\$25.90	\$17.45	\$43.35
Electricians & Telecommunications Installation Technician	6/1/2010		\$27.70	\$17.25	\$44.95
Electricians & Telecommunications Installation Technician	6/1/2011		\$28.30	\$18.38	\$46.68
Elevator Constructor	1/1/2011		\$41.13	\$21.99	\$63.12
Elevator Constructor	1/1/2012		\$42.28	\$23.84	\$66.12
Glazier	6/1/2009		\$24.88	\$5.67	\$30.55
Glazier	6/1/2010		\$24.88	\$6.27	\$31.15
Glazier	9/1/2011		\$25.28	\$6.67	\$31.95
Glazier	9/1/2012		\$25.68	\$7.07	\$32.75
Glazier	9/1/2013		\$26.13	\$7.47	\$33.60
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	6/1/2010		\$25.74	\$21.63	\$47.37
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	6/1/2011		\$26.00	\$23.17	\$49.17
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	6/1/2012		\$27.02	\$23.50	\$50.52
Laborers (Class 01 - See notes)	5/1/2009		\$20.46	\$10.18	\$30.64
Laborers (Class 01 - See notes)	5/1/2010		\$20.66	\$10.78	\$31.44
Laborers (Class 01 - See notes)	5/1/2011		\$20.91	\$11.43	\$32.34
Laborers (Class 01 - See notes)	1/1/2012		\$20.91	\$11.65	\$32.56
Laborers (Class 02 - See notes)	5/1/2009		\$20.96	\$10.18	\$31.14
Laborers (Class 02 - See notes)	5/1/2010		\$21.16	\$10.78	\$31.94

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 02 - See notes)	5/1/2011		\$21.41	\$11.43	\$32.84
Laborers (Class 02 - See notes)	1/1/2012		\$21.41	\$11.65	\$33.06
Landscape Laborer	7/1/2009		\$18.25	\$9.05	\$27.30
Landscape Laborer	7/1/2010		\$18.25	\$9.90	\$28.15
Landscape Laborer (Skilled)	7/1/2009		\$18.67	\$9.05	\$27.72
Landscape Laborer (Skilled)	7/1/2010		\$18.67	\$9.90	\$28.57
Landscape Laborer (Tractor Operator)	7/1/2009		\$18.97	\$9.05	\$28.02
Landscape Laborer (Tractor Operator)	7/1/2010		\$18.97	\$9.90	\$28.87
Marble Finisher	6/1/2009		\$19.17	\$10.55	\$29.72
Marble Finisher	12/1/2009		\$19.32	\$11.05	\$30.37
Marble Finisher	6/1/2010		\$19.52	\$11.70	\$31.22
Marble Finisher	6/1/2011		\$20.57	\$11.85	\$32.42
Marble Finisher	12/1/2011		\$20.97	\$12.05	\$33.02
Marble Mason	6/1/2009		\$19.42	\$8.48	\$27.90
Marble Mason	12/1/2009		\$19.42	\$8.91	\$28.33
Marble Mason	12/1/2011		\$19.42	\$9.60	\$29.02
Millwright	6/1/2011		\$34.42	\$15.08	\$49.50
Millwright	6/1/2012		\$35.89	\$16.11	\$52.00
Millwright	6/1/2013		\$36.49	\$16.76	\$53.25
Millwright	6/1/2014		\$37.35	\$17.15	\$54.50
Operators (Class 01 - see notes)	5/1/2008		\$25.57	\$12.35	\$37.92
Operators (Class 01 - see notes)	5/1/2010		\$26.67	\$13.05	\$39.72
Operators (Class 01 - see notes)	5/1/2011		\$27.17	\$13.45	\$40.62
Operators (Class 02 -see notes)	5/1/2008		\$24.90	\$12.35	\$37.25
Operators (Class 02 -see notes)	5/1/2010		\$26.00	\$13.05	\$39.05
Operators (Class 02 -see notes)	5/1/2011		\$26.50	\$13.45	\$39.95
Operators (Class 03 - see notes)	5/1/2008		\$22.12	\$12.35	\$34.47
Operators (Class 03 - See notes)	5/1/2010		\$23.02	\$13.05	\$36.07
Operators (Class 03 - See notes)	5/1/2011		\$23.42	\$13.45	\$36.87
Operators (Class 04 - Surveying Instrument Man)	5/1/2008		\$22.41	\$12.35	\$34.76

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Class 04 - Surveying Instrument Man)	5/1/2010		\$23.31	\$13.05	\$36.36
Operators (Class 04 - Surveying Instrument Man)	5/1/2011		\$23.71	\$13.45	\$37.16
Operators (Class 04 - Surveying Party Chief)	5/1/2008		\$23.14	\$12.35	\$35.49
Operators (Class 04 - Surveying Party Chief)	5/1/2010		\$24.04	\$13.05	\$37.09
Operators (Class 04 - Surveying Party Chief)	5/1/2011		\$24.44	\$13.45	\$37.89
Operators (Class 04 - Surveying Rodman/Chainman)	5/1/2008		\$22.12	\$12.35	\$34.47
Operators (Class 04 - Surveying Rodman/Chainman)	5/1/2010		\$23.02	\$13.05	\$36.07
Operators (Class 04 - Surveying Rodman/Chainman)	5/1/2011		\$23.42	\$13.45	\$36.87
Painters (Brush and Roller)(Commercial)	5/1/2009		\$20.02	\$11.70	\$31.72
Painters (Brush and Roller)(Commercial)	5/1/2010		\$20.27	\$12.45	\$32.72
Painters (Brush and Roller)(Commercial)	5/1/2011		\$20.28	\$13.44	\$33.72
Painters (Brush and Roller)(Commercial)	5/1/2012		\$20.28	\$14.43	\$34.71
Painters (Spray and Sandblasting) (Commercial)	5/1/2009		\$20.77	\$11.70	\$32.47
Painters (Spray and Sandblasting) (Commercial)	5/1/2010		\$21.02	\$12.45	\$33.47
Painters (Spray and Sandblasting) (Commercial)	5/1/2011		\$21.03	\$13.44	\$34.47
Painters (Spray and Sandblasting) (Commercial)	5/1/2012		\$21.03	\$14.43	\$35.46
Pile Driver Divers (Building, Heavy, Highway)	1/1/2007		\$40.40	\$10.77	\$51.17
Pile Driver Divers (Building, Heavy, Highway)	1/1/2010		\$44.39	\$12.25	\$56.64
Pile Driver Divers (Building, Heavy, Highway)	1/1/2011		\$45.53	\$13.00	\$58.53
Pile Driver Divers (Building, Heavy, Highway)	1/1/2012		\$46.28	\$13.60	\$59.88
Pile Driver Divers (Building, Heavy, Highway)	1/1/2013		\$47.18	\$14.10	\$61.28
Plasterers	5/1/2008		\$21.25	\$11.55	\$32.80
Plasterers	6/1/2010		\$21.25	\$12.00	\$33.25
Plasterers	6/1/2011		\$21.25	\$12.45	\$33.70
Plumbers and Steamfitters	5/1/2009		\$32.20	\$16.44	\$48.64
Plumbers and Steamfitters	5/1/2010		\$33.38	\$17.38	\$50.76
Plumbers and Steamfitters	5/1/2011		\$34.16	\$17.96	\$52.12
Plumbers and Steamfitters	5/1/2012		\$35.07	\$18.42	\$53.49

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Plumbers and Steamfitters	5/1/2013		\$35.97	\$18.88	\$54.85
Pointers, Caulkers, Cleaners	7/1/2009		\$25.88	\$13.33	\$39.21
Pointers, Caulkers, Cleaners	12/1/2009		\$25.98	\$13.83	\$39.81
Pointers, Caulkers, Cleaners	6/1/2010		\$25.98	\$14.33	\$40.31
Pointers, Caulkers, Cleaners	12/1/2010		\$26.36	\$14.53	\$40.89
Pointers, Caulkers, Cleaners	6/1/2011		\$26.87	\$14.53	\$41.40
Pointers, Caulkers, Cleaners	12/1/2011		\$27.10	\$15.03	\$42.13
Roofers	6/1/2010		\$23.65	\$12.17	\$35.82
Roofers	6/1/2011		\$24.04	\$12.78	\$36.82
Sheet Metal Workers	7/1/2010		\$31.46	\$20.81	\$52.27
Sheet Metal Workers	1/1/2011		\$31.18	\$21.09	\$52.27
Sheet Metal Workers	7/1/2011		\$31.58	\$21.84	\$53.42
Sheet Metal Workers	1/1/2012		\$31.55	\$21.87	\$53.42
Sheet Metal Workers	7/1/2012		\$31.93	\$22.69	\$54.62
Sprinklerfitters	1/1/2010		\$33.85	\$17.60	\$51.45
Sprinklerfitters	1/1/2011		\$33.35	\$18.45	\$51.80
Sprinklerfitters	4/1/2011		\$34.18	\$18.45	\$52.63
Sprinklerfitters	1/1/2012		\$34.18	\$18.60	\$52.78
Sprinklerfitters	4/1/2012		\$35.21	\$18.65	\$53.86
Sprinklerfitters	1/1/2013		\$35.21	\$18.80	\$54.01
Stone Masons	12/1/2007		\$27.55	\$13.47	\$41.02
Stone Masons	12/1/2009		\$28.92	\$15.20	\$44.12
Stone Masons	6/1/2010		\$29.32	\$15.85	\$45.17
Stone Masons	12/1/2010		\$29.75	\$16.22	\$45.97
Stone Masons	6/1/2011		\$30.65	\$16.22	\$46.87
Stone Masons	12/1/2011		\$30.97	\$16.80	\$47.77
Terrazzo Finisher	6/1/2009		\$25.61	\$12.04	\$37.65
Terrazzo Finisher	12/1/2009		\$25.76	\$12.54	\$38.30
Terrazzo Finisher	12/1/2010		\$26.36	\$13.19	\$39.55
Terrazzo Finisher	6/1/2011		\$27.06	\$13.49	\$40.55
Terrazzo Finisher	12/1/2011		\$27.06	\$13.49	\$40.55

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Terrazzo Setter	6/1/2009		\$26.15	\$13.05	\$39.20
Terrazzo Setter	12/1/2009		\$26.30	\$13.55	\$39.85
Terrazzo Setter	6/1/2010		\$26.90	\$14.20	\$41.10
Terrazzo Setter	12/1/2010		\$26.90	\$14.20	\$41.10
Terrazzo Setter	6/1/2011		\$27.60	\$14.50	\$42.10
Terrazzo Setter	12/1/2011		\$27.60	\$14.50	\$42.10
Tile Finisher	6/1/2009		\$20.77	\$10.55	\$31.32
Tile Finisher	12/1/2009		\$20.92	\$11.05	\$31.97
Tile Finisher	6/1/2010		\$21.12	\$11.70	\$32.82
Tile Finisher	6/1/2011		\$22.17	\$11.85	\$34.02
Tile Finisher	12/1/2011		\$22.57	\$12.05	\$34.62
Tile Setter	6/1/2009		\$26.85	\$13.45	\$40.30
Tile Setter	12/1/2009		\$27.10	\$13.95	\$41.05
Tile Setter	6/1/2010		\$27.40	\$14.60	\$42.00
Tile Setter	6/1/2011		\$28.39	\$15.01	\$43.40
Tile Setter	12/1/2011		\$28.41	\$15.69	\$44.10
Tilesetters & Marble Masons	1/1/2010		\$29.95	\$12.25	\$42.20
Tilesetters & Marble Masons	1/1/2010		\$29.95	\$12.25	\$42.20
Tilesetters & Marble Masons	1/1/2011		\$30.35	\$13.00	\$43.35
Tilesetters & Marble Masons	1/1/2011		\$30.35	\$13.00	\$43.35
Tilesetters & Marble Masons	1/1/2012		\$30.85	\$13.60	\$44.45
Tilesetters & Marble Masons	1/1/2012		\$30.85	\$13.60	\$44.45
Tilesetters & Marble Masons	1/1/2013		\$31.45	\$14.10	\$45.55
Tilesetters & Marble Masons	1/1/2013		\$31.45	\$14.10	\$45.55
Truckdriver class 1(see notes)	1/1/2009		\$24.23	\$11.44	\$35.67
Truckdriver class 1(see notes)	1/1/2010		\$24.98	\$12.04	\$37.02
Truckdriver class 1(see notes)	1/1/2011		\$25.48	\$12.79	\$38.27
Truckdriver class 1(see notes)	1/1/2012		\$25.88	\$13.49	\$39.37
Truckdriver class 1(see notes)	1/1/2013		\$26.25	\$14.22	\$40.47
Truckdriver class 2 (see notes)	1/1/2009		\$24.38	\$11.51	\$35.89
Truckdriver class 2 (see notes)	1/1/2010		\$25.13	\$12.11	\$37.24

PREVAILING WAGES PROJECT RATES

Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Truckdriver class 2 (see notes)	1/1/2011		\$25.64	\$12.85	\$38.49
Truckdriver class 2 (see notes)	1/1/2012		\$26.02	\$13.57	\$39.59
Truckdriver class 2 (see notes)	1/1/2013		\$26.40	\$14.29	\$40.69
Truckdriver class 3 (see notes)	1/1/2009		\$24.91	\$11.75	\$36.66
Truckdriver class 3 (see notes)	1/1/2010		\$25.64	\$12.37	\$38.01
Truckdriver class 3 (see notes)	1/1/2011		\$26.15	\$13.11	\$39.26
Truckdriver class 3 (see notes)	1/1/2012		\$26.53	\$13.83	\$40.36
Truckdriver class 3 (see notes)	1/1/2013		\$26.90	\$14.56	\$41.46

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Carpenter Welder	1/1/2009		\$28.23	\$12.16	\$40.39
Carpenter Welder	1/1/2010		\$29.18	\$12.56	\$41.74
Carpenter Welder	1/1/2011		\$29.42	\$13.57	\$42.99
Carpenter Welder	1/1/2012		\$29.69	\$14.40	\$44.09
Carpenter Welder	1/1/2013		\$30.07	\$15.12	\$45.19
Carpenters	1/1/2009		\$27.53	\$12.16	\$39.69
Carpenters	1/1/2010		\$28.48	\$12.56	\$41.04
Carpenters	1/1/2011		\$28.72	\$13.57	\$42.29
Carpenters	1/1/2012		\$28.99	\$14.40	\$43.39
Carpenters	1/1/2013		\$29.37	\$15.12	\$44.49
Cement Finishers	1/1/2009		\$26.72	\$12.97	\$39.69
Cement Finishers	1/1/2010		\$27.62	\$13.42	\$41.04
Cement Finishers	1/1/2011		\$28.02	\$14.27	\$42.29
Cement Finishers	1/1/2012		\$28.22	\$15.17	\$43.39
Cement Finishers	1/1/2013		\$28.60	\$15.89	\$44.49
Iron Workers	6/1/2009		\$25.33	\$20.33	\$45.66
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	6/1/2010		\$25.74	\$21.63	\$47.37
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	6/1/2011		\$26.00	\$23.17	\$49.17
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	6/1/2012		\$27.02	\$23.50	\$50.52
Laborers (Class 01 - See notes)	1/1/2009		\$23.30	\$12.65	\$35.95
Laborers (Class 01 - See notes)	1/1/2010		\$23.75	\$13.55	\$37.30
Laborers (Class 01 - See notes)	1/1/2011		\$23.99	\$14.56	\$38.55
Laborers (Class 01 - See notes)	1/1/2012		\$24.07	\$15.58	\$39.65
Laborers (Class 01 - See notes)	1/1/2013		\$24.13	\$16.62	\$40.75
Laborers (Class 02 - See notes)	1/1/2009		\$23.46	\$12.65	\$36.11
Laborers (Class 02 - See notes)	1/1/2010		\$23.91	\$13.55	\$37.46
Laborers (Class 02 - See notes)	1/1/2011		\$24.15	\$14.56	\$38.71
Laborers (Class 02 - See notes)	1/1/2012		\$24.23	\$15.58	\$39.81
Laborers (Class 02 - See notes)	1/1/2013		\$24.29	\$16.62	\$40.91
Laborers (Class 03 - See notes)	1/1/2009		\$23.85	\$12.65	\$36.50

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 03 - See notes)	1/1/2010		\$24.30	\$13.55	\$37.85
Laborers (Class 03 - See notes)	1/1/2011		\$24.54	\$14.56	\$39.10
Laborers (Class 03 - See notes)	1/1/2012		\$24.62	\$15.58	\$40.20
Laborers (Class 03 - See notes)	1/1/2013		\$24.68	\$16.62	\$41.30
Laborers (Class 04 - See notes)	1/1/2009		\$24.30	\$12.65	\$36.95
Laborers (Class 04 - See notes)	1/1/2010		\$24.75	\$13.55	\$38.30
Laborers (Class 04 - See notes)	1/1/2011		\$24.99	\$14.56	\$39.55
Laborers (Class 04 - See notes)	1/1/2012		\$25.07	\$15.58	\$40.65
Laborers (Class 04 - See notes)	1/1/2013		\$25.13	\$16.62	\$41.75
Laborers (Class 05 - See notes)	1/1/2009		\$24.71	\$12.65	\$37.36
Laborers (Class 05 - See notes)	1/1/2010		\$25.16	\$13.55	\$38.71
Laborers (Class 05 - See notes)	1/1/2011		\$25.40	\$14.56	\$39.96
Laborers (Class 05 - See notes)	1/1/2012		\$25.48	\$15.58	\$41.06
Laborers (Class 05 - See notes)	1/1/2013		\$25.54	\$16.62	\$42.16
Laborers (Class 06 - See notes)	1/1/2009		\$21.55	\$12.65	\$34.20
Laborers (Class 06 - See notes)	1/1/2010		\$22.00	\$13.55	\$35.55
Laborers (Class 06 - See notes)	1/1/2011		\$22.24	\$14.56	\$36.80
Laborers (Class 06 - See notes)	1/1/2012		\$22.32	\$15.58	\$37.90
Laborers (Class 06 - See notes)	1/1/2013		\$22.38	\$16.62	\$39.00
Laborers (Class 07 - See notes)	1/1/2009		\$24.20	\$12.65	\$36.85
Laborers (Class 07 - See notes)	1/1/2010		\$24.65	\$13.55	\$38.20
Laborers (Class 07 - See notes)	1/1/2011		\$24.99	\$14.56	\$39.55
Laborers (Class 07 - See notes)	1/1/2012		\$25.07	\$15.58	\$40.65
Laborers (Class 07 - See notes)	1/1/2013		\$25.13	\$16.62	\$41.75
Laborers (Class 08 - See notes)	1/1/2009		\$25.70	\$12.65	\$38.35
Laborers (Class 08 - See notes)	1/1/2010		\$26.15	\$13.55	\$39.70
Laborers (Class 08 - See notes)	1/1/2011		\$26.49	\$14.56	\$41.05
Laborers (Class 08 - See notes)	1/1/2012		\$26.57	\$15.58	\$42.15
Laborers (Class 08 - See notes)	1/1/2013		\$26.63	\$16.62	\$43.25
Operators (Class 01 - see notes)	1/1/2009		\$26.38	\$14.44	\$40.82
Operators (Class 01 - see notes)	1/1/2010		\$27.18	\$14.99	\$42.17

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Class 01 - see notes)	1/1/2011		\$27.68	\$15.74	\$43.42
Operators (Class 01 - see notes)	1/1/2012		\$28.08	\$16.44	\$44.52
Operators (Class 01 - see notes)	1/1/2013		\$28.48	\$17.14	\$45.62
Operators (Class 02 -see notes)	1/1/2009		\$26.12	\$14.44	\$40.56
Operators (Class 02 -see notes)	1/1/2010		\$26.92	\$14.99	\$41.91
Operators (Class 02 -see notes)	1/1/2011		\$27.42	\$15.74	\$43.16
Operators (Class 02 -see notes)	1/1/2012		\$27.82	\$16.44	\$44.26
Operators (Class 02 -see notes)	1/1/2013		\$28.22	\$17.14	\$45.36
Operators (Class 03 - See notes)	1/1/2009		\$22.47	\$14.44	\$36.91
Operators (Class 03 - See notes)	1/1/2010		\$23.27	\$14.99	\$38.26
Operators (Class 03 - See notes)	1/1/2011		\$23.77	\$15.74	\$39.51
Operators (Class 03 - see notes)	1/1/2012		\$24.17	\$16.44	\$40.61
Operators (Class 03 - See notes)	1/1/2013		\$24.57	\$17.14	\$41.71
Operators (Class 03)	1/1/2011		\$23.77	\$15.74	\$39.51
Operators (Class 04 - See notes)	1/1/2009		\$22.01	\$14.44	\$36.45
Operators (Class 04 - See notes)	1/1/2010		\$22.81	\$14.99	\$37.80
Operators (Class 04 - See notes)	1/1/2011		\$23.31	\$15.74	\$39.05
Operators (Class 04 - See notes)	1/1/2012		\$23.71	\$16.44	\$40.15
Operators (Class 04 - See notes)	1/1/2013		\$24.11	\$17.14	\$41.25
Operators (Class 05 - See notes)	1/1/2009		\$21.76	\$14.44	\$36.20
Operators (Class 05 - See notes)	1/1/2010		\$22.56	\$14.99	\$37.55
Operators (Class 05 - See notes)	1/1/2011		\$23.06	\$15.74	\$38.80
Operators (Class 05 - See notes)	1/1/2012		\$23.46	\$16.44	\$39.90
Operators (Class 05 - See notes)	1/1/2013		\$23.86	\$17.14	\$41.00
Painters (Bridges, Stacks, Towers)	5/1/2009		\$22.52	\$11.70	\$34.22
Painters (Bridges, Stacks, Towers)	5/1/2010		\$22.77	\$12.45	\$35.22
Painters (Bridges, Stacks, Towers)	5/1/2011		\$22.78	\$13.44	\$36.22
Painters (Bridges, Stacks, Towers)	5/1/2012		\$22.78	\$14.43	\$37.21
Painters (Brush and Roller)(Industrial)	5/1/2009		\$20.52	\$11.70	\$32.22
Painters (Brush and Roller)(Industrial)	5/1/2010		\$20.77	\$12.45	\$33.22
Painters (Brush and Roller)(Industrial)	5/1/2011		\$20.78	\$13.44	\$34.22

PREVAILING WAGES PROJECT RATES

Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Painters (Brush and Roller)(Industrial)	5/1/2012		\$20.79	\$14.43	\$35.22
Painters (Spray and Sandblasting) (Industrial)	5/1/2009		\$21.27	\$11.70	\$32.97
Painters (Spray and Sandblasting) (Industrial)	5/1/2010		\$21.52	\$12.45	\$33.97
Painters (Spray and Sandblasting) (Industrial)	5/1/2011		\$21.53	\$13.44	\$34.97
Painters (Spray and Sandblasting) (Industrial)	5/1/2012		\$21.53	\$14.43	\$35.96
Piledrivers	1/1/2009		\$28.85	\$12.00	\$40.85
Piledrivers	1/1/2010		\$29.95	\$12.25	\$42.20
Piledrivers	1/1/2011		\$30.35	\$13.10	\$43.45
Piledrivers	1/1/2012		\$30.85	\$13.70	\$44.55
Piledrivers	1/1/2013		\$31.45	\$14.20	\$45.65
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2010		\$30.27	\$26.09	\$56.36
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2012		\$34.87	\$26.86	\$61.73

Notes:

If you can not find a classification under Heavy/Highway please refer to the Building classifications.

For further information on construction types review the ["Notes as Referenced in Predeterminations"](#) on the Labor and Industry Website. Go to www.dli.state.pa.us, scroll down to the picture labeled "Labor Law Compliance" and click the picture. Then scroll down on the left menu and click on the "Prevailing Wage" link.

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Building Notes for 33 County Building Laborers

[Industrial Board](#)

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[Labor Law Compliance](#)[Prevailing Wage](#)

BUILDING LABORERS

[Forms](#)

CLASS 1 - COMMON LABORER

[Quick Links](#)Building Laborer
Brick Removal for Alterations
Carryable Pumps
West Brick Buggy or Similar (Non Self-Propelled)
Stripper and Mover of Forms[Child Labor Law](#)[Minimum Wage Law](#)[Labor-Management
Cooperation](#)

As Follows:

- A. Cement Masons
- B. Footers
- C. Forms not to be used on the job
- D. Forms that are a Matter of Record

[Mediation Services](#)[Occupational and
Industrial Safety](#)[PENNSAFE](#)Tool Room Man
All Material Conveyors (Regardless of Power Used Including Starting and Stopping)
Pouring of Mortar or Aggregate into Blocks or Voids[Pennsylvania Labor
Relations Board](#)

CLASS 2 – SKILLED LABORER

[Log In](#)Air Track Helper
West Brick Buggy or Similar (Self-Propelled)
Power Wheelbarrows and Buggies
Walk Behind Forklift or Similar (Self-Propelled)
Wagon Drill Assistant
Drill Runner
Drill Runner's Assistant (Including Drill Mounted on Truck, Track or Similar)
Blaster's Assistant
All Operators of Compacting Equipment
Pipe Layer (5 Feet from the Building or Outside First Connection)
Burner
Jackhammer Man-Concrete Buster
Vibrator Operator
Clay Spade and/or Similar
Gunnite Nozzle Man
Blaster
Concrete Saw Operator
HOD Carrier
Scaffold Builder
Air Tract Operator
Bell and Bottom Man on Furnaces and Stacks
Grout Machine Feeder and Pump Operator
Gunnite Machine Operator or Similar
Gunnite Machine Potman or Similar
Lancer Assistant
Mortar Mixing Forklift or Similar (Self-Propelled)
GON Drill Assistant
Drill Runner
Drill Runner's Assistant (Including Drill Mounted on Truck, Track or Similar)
Blaster's Assistant
All Operators of Compacting Equipment

Burner
Jackhammer Man-Concrete Buster
Vibrator Operator
Clay Spade and/or Similar
Gunnite Nozzleman
Blaster
Concrete Saw Operator
HOD Carrier
Scaffold Builder
Air Track Operator
Bell and Bottom Man on Furnaces and Stacks
Grout Machine Feeder and Pump Operator
Gunnite Machine Operator or Similar
Gunnite Machine Potman or Similar
Lancer Assistant
Mortar Mixer
Mortar Mixer Machine (Regardless of Power Used, Including Starting and Stopping)
Wagon Drill Operator
Laser Cleaner
Lancer

CLASS 3

Asbestos Removal or Abatement Laborer

CLASS 4

Watchman and Flagman

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L&I Home[Safety and Labor-Management Relations](#) > [Labor Law Compliance](#)**Safety and Labor-Management Relations****Notes for 33 County Heavy and Highway Laborers * (See below)****Industrial Board**

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Labor Law Compliance**HEAVY AND HIGHWAY****Prevailing Wage****CLASS 1 - COMMON LABORER**

Forms

Quick Links

Asphalt Curb Sealer
Batcher Man (Weight)**Child Labor Law**Boatman
Coffer Dam
Drill Runner's Assistant**Minimum Wage Law**Fence Construction (Including Fence Machine Operator)
GABION (Erectors and Placers)**Labor-Management Cooperation**Landscape Laborers
Radio Actuated Traffic Control Operator
RIP RAP Work**Mediation Services**Sheeters and Shorers (Includes Lagging)
Water Boy**Occupational and Industrial Safety**Wood Chipper
Asphalt Tamper
Blaster's Assistant**PENNSAFE**Brakeman
Concrete Curing Pitman, Puddler**Pennsylvania Labor Relations Board**Electric Burs and/or Ginder
Form Stripper and Mover
Hydro Jet Blaster Nozzle Man
Manually Moved Emulsion Sprayer
(Bending, Aligning & Securing)**Log In**Scaffolds and Runways
Structural Concrete Top Surfacers
Walk Behind Street Sweeper
Welder's Assistant (Pipeline)**CLASS 2 – SEMI-SKILLED LABORER**Air Tool Operator (All Types)
Railroad Track Work
Burner
Carriable Pumps
Cribbing (Concrete or Steel)
Diamond Head Core Driller
Drill Runner's Assistant (Tunnel)
Highway Slab Reinforcement
Placers (Including Joint and Backer Setters)
Mechanical Joint Sealer; Dope Pot & Tar Kettle
Pipe Layers/Fusion Welders (Regardless of Materials)
Post Hole Auger (2 or 4 Cycle-Hand Operated)
Forklift (Walk Behind)
Asphalt, Batch and Concrete Plant
Operator (Manually Operated)
Caisson Men (Open Air)
Chain Saw Operator (Including Attachments)
Curb Machine Operator (Asphalt or Concrete-Walk Behind)
Form Setter (Road Forms Line Man)
Hydraulic Pipe Pusher
Liner Plates (Tile and Vitrified Clay)
Mechanical Compacting Equipment Operators

Mortar Mixer (Hand or Machine)
Muckers, Brakeman and All Other Labor (Includes Installation of Utility Lines)
Portable Single Unit Conveyor
Power Wheel Barrows and Buggies
Aid Porter or Similar
Sand Blaster
Vibrator Operator
All Railroad Track Work
Signal Man

**CLASS 3 - SKILLED LABORER
HEAVY AND HIGHWAY**

Asphalt Luteman/Raker
Blacksmith
Cement Mortar Lining Car Pusher
Cement Mortar Mixer (Pipe Relining)
Concrete Saw Operator (Walk Behind)
Crown Screed Adjuster
Elevated Roadway Drainage Construction
Erector of Overhead Signs
Miners and Drillers (Including Lining M Supporting and Form Workman, Setting of Shields, Miscellaneous Equipment and Jumbos)
Walk Behind Ditching Machine (Trencher Or Similar)
Blaster
Brick, Stone & Block Pavers and Block Cutters (Wood-Belgian-Asphalt)
Cement Mortar Pipe Reliners
Curb Cutters and Setters
Form Setter (Road Forms-Lead Man)
Guniting or Dry Pack Gun-Nozzle and Machine Man
Grout Machine Operator
Multi-Plate Pipe (Aligning and Securing)
Manhole or Catch Basin Builder
Placing Wire Mesh on Guniting Projects
Wagon Drill Operator (Air Track or Similar)
Welder

CLASS 4

Reinforcing Steel Placers (Bending, Aligning and Securing - Caldwell)

CLASS 5

High Burner (Any Burning Not Done From Deck)
Elder (Pipeline)

CLASS 6

Uniformed Flag Person/Signal Person (As per PENN DOT Specifications on Hardhats and Vests)
Watchman

CLASS 7

Toxic/Hazardous Waste Removal Laborer – Level C and D

CLASS 8

Toxic/Hazardous Waste Removal Laborer Levels A and B

****These notes pertain to projects whose rates were determined subsequent to March 23, 2009. Questions regarding rates prior to that date should be directed to the Bureau of Labor Law Compliance at 1-800-932-0665.***

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Definitions for Building Operators in the 33 County Area

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[Labor Law Compliance](#)

GROUP I OPERATORS BUILDING CONSTRUCTION

[Prevailing Wage](#)[Forms](#)

CLASS I

[Quick Links](#)[Child Labor Law](#)[Minimum Wage Law](#)[Labor-Management Cooperation](#)[Mediation Services](#)[Occupational and Industrial Safety](#)[PENNSAFE](#)[Pennsylvania Labor Relations Board](#)

Asphalt Paver, Asphalt Roller, Asphalt Plant Operator, Athey Loader, Auger (Truck or Tractor Mounted), Auto Grader (C.M.I. and similar), Backhoe (180° and 360° swing), Back-Filling Machine, Batch Plant, Bulldozer, Cable Layer, Cableway, Caisson Drill, Central Mix Plant, Compactor with Blade, Concrete Pump (all types), Over-Head Crane, Crane (Crawler or Truck Mounted)*, Tower Crane (Stationary or Climbing Type), Rough Terrain Crane**, Wagon Crane, Crushing and/or Screening Plant, Derrick Traveler, Derrick (all types)(when assistance is needed it will be an oiler or apprentice), Derrick Boats, Dragline, Drill (Davey or similar), Dredge, Drill (Well and Core)(Truck or Skid Mounted), Elevator, Excavating Equipment (all other), Fork Lift (Lull or similar), Franki Pile Machine (or similar), Guard Post Driver, Gradall (all types), Grader, Elevating Grader, Equipment Greaser, Helicopter, Helicopter Hoist Operators, Front End Loader, Skid Steer Loader (or similar), Hoist, Hydraulic Boom Truck, Jumbo Operator, Kocal, Koehring Scooper, Locomotive, Metro Chip Harvester (or similar), Mix Mobile, Mixer – Paver, Mucking Machine, Multiple Bowl Machines, Pile Driver (Sonic or similar), Scrapers, Shovels (powered), Slip Form Paver (C.M.I. and similar), Spreader (Concrete, Asphalt, or Stone), Tire Repairman (when assigned to a jobsite), Tower Mobile, Tractors (all types), Trencher, Tug Boat, Vermeer Saw, Welder (repairman), Whirley

* Cranes with Boom or Mast length (including jib) 100 ft or over shall be paid an additional \$.25 per hour for each 50-foot increment of additional boom and/or jib length)

** An Additional \$.25 per hour shall be paid when a jib is attached to the basic boom

Note: An additional \$.25 per hour shall be paid when any crane rated over 15 ton is placed on any building structure

[Log In](#)

CLASS II

Ballast Regulator, Boat (material or personnel)(powered), Boiler, Boring Machine, Compressor (combined with Air Tugger, Air Pump, Gunitite Machine, or Sand Blaster), Concrete Belt Placer, Concrete Saw, Conveyor, Carry Crane, Crushing/Screening Plants, Curb Builder (self-propelled), Forklifts (ridden or self-propelled), Form Line Machine, Generator (over 5KW), Grout Pump, Heaters, Hoist (monorail, roof, one drum-regardless of power used), Huck Machine (or similar), Hydraulic Jack (single or multiple)(power driven), Ladavator, Mortar Mixer, Mulching Machine, Pavement Breaker (self-propelled or ridden), Pin Puller (powered), Pipe Cleaning Machine, Pipe Dream, Power Broom (except push type), Pulverizer, Pumps (regardless of power used), Roller/Compactor, Refrigeration Plant, Ross Carrier (or similar), Seeding Machine, Slab Lifting Machine (hydraulic), Spray Cure Machine (power driven), Side Delivery Shoulder Spreader (attachment), Steam Jenny (or similar), Stone Crusher, Stone Spreader (self-propelled), Siphon (steam or air), Tie Tamper (multiple heads), Tractor (when used for landscaping, snaking, or hauling), Truck (Winch)(when hoisting and placing), Tube Finisher (C.M.I. and similar), Tugger, Water Blaster, Welding Machine, Well Point System

CLASS III

Brakeman, Deck Hand, Helicopter Signalman, Oiler*, Elevator (Alterations & Remodeling Commercial Buildings), Mechanic's Assistant

* Oiler on Truck Cranes: Under 50 ton rated capacity shall be paid an additional \$.10 per hour over the Class III base rate, 50 ton up to100 ton shall be paid an additional \$.25 per hour over the Class III base rate, and 100 ton or over shall be paid an additional \$1.00 per hour over the Class III base rate

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[Labor Law Compliance](#)[Prevailing Wage](#)

GROUP 1 OPERATORS HEAVY & HIGHWAY CONSTRUCTION

[Forms](#)[Quick Links](#)

CLASS I

[Child Labor Law](#)

Asphalt Paving Machine, Autograder (C.M.I. and similar), Backfiller, Backhoe (360° Swing and 180° Swing), Cableway, Caisson Drill (Similar to Hugh Williams), Central Mix Plant, Compactor with Blade, Cooling Plant, Concrete Paving Mixer, Concrete Pump (Self-propelled), Cranes*, Tower Cranes (Stationary or Climbing), Derrick, Derrick Boat, Bulldozer (with a gross weight over 25,000 lbs.), Dragline, Dredge, Elevating Grader, Franki Pile Machine, Gradall (remote control or otherwise), Grader (Power fine grade), Hi-lift or Front End Loader (Bucket 4 cy. and over), Hoist (2 drums or more in 1 unit), Hydraulic Boom Truck (Pivotal Cab), Kocal, Locomotive (Std. Gauge), Mechanic, Metro-chip Harvester or similar, Milling Machine (Roto Mill or similar), Mix Mobile (with Self Loading Attachment), Mucking Machine (Tunnel), Pile Driver Machine, Pipe Extrusion Machine, Pre-splitter Drill (self contained), Refrigeration Plant, Rough Terrain Cranes (25 ton and over), Rough Terrain Cranes (under 25 ton), Scrapers, Shovel-Power, Slip Form Paver (C.M.I. and similar), Trenching Machine (30,000 lbs. and over), Trenching Machine (under 30,000 lbs.), Tunnel Machine (Jarva or similar), Vermeer Saw, Whirley, Working Mechanical Foreman (Class I + \$.35)

[Minimum Wage Law](#)[Labor-Management Cooperation](#)[Mediation Services](#)[Occupational and Industrial Safety](#)[PENNSAFE](#)

* Cranes with Boom or Mast length (including jib) 101 ft or over shall be paid an additional \$.50 per hour for each 50-foot increment of additional boom and/or jib length)

[Pennsylvania Labor Relations Board](#)

CLASS II

Asphalt Plant Operator, Auger (Tractor Mounted), Auger (truck mtd.), Belt Loader (Euclid or similar), Bidwell Concrete Finishing Machine (or similar), Boring Machine, Cable Placer or Layer, Concrete Batch Plant (Electronically synchronized), Concrete Belt Placer (C.M.I. and similar), Concrete Finishing Machine and/or Spreader, Concrete Mixer (Over 1 cy.), Concrete Pump (Stationary), Core Drill (Truck or Skid mounted, similar to Penn Drill), Directional Drills (Over 3,000 lbs. Thrust), Bulldozer (with a gross weight of 25,000 lbs. and under), Ditch Witch-Saw, Force Feed Loader, Fork Lift (Lull or similar), Grader (Power, except fine grade), Head Grease Unit Operator (1st on job), Guard Rail Post Driver (Truck or Skid mounted), Hi-lift or Front End Loader (Bucket 4 cy. and under), Hydraulic Boom Truck (Non-Pivotal Cab), Job Work Boat (powered)(assistants will be deckhands), Jumbo Operator, Locomotive (narrow gauge), Minor Equipment Operator (4 or more units), Mucking Machine (not tunnel), Multi-Head Saw or Groover, Over-Head Crane, Power Asphalt Roller, Ross Carrier, Side Boom or Tractor Mounted Boom, Shuttle Buggy (Asphalt), Skid Steer Loader, Stone Crusher (Screening Plant-Washing Plants), Stone Spreader (Self Propelled), Truck Mounted Drill (Davey or similar), Welder, Well Point Pump Operator

CLASS III

Broom Finisher (C.M.I. or similar), Compactors/Rollers (Static or Vibratory) (Self Propelled), Curb Builder, Minor Equipment Operator (Two or Three units), Multi-Head Tie Tamper, Pavement Breaker (Self Propelled or Ridden), Soil Stabilizer Machine, Tire Repairman, Tractor (Snaking and Hauling), Well Driller and Horizontal Winch or "A" Frame Truck (When hoisting and lowering)

CLASS IV

Ballast Regulator, Compressor, Concrete Mixer (1cy. And under with skip), Concrete Saw (Ridden or self-propelled, Conveyor, Elevator (material hauling only), Fork-lift (Ridden or Self-propelled), Form Line Machine, Generator, Grout Pump, Heater (Mechanical), Hoist (Single Drum), Ladavator, Light Plant, Mulching Machine, Personnel Boat (powered), Pulverizer, Pumps, Seeding Machine, Spray Cure Machine (Power Driven), Sub-grader, Tie Puller, Tugger, Welding Machine (Gas or Diesel)

CLASS V

[Log In](#)

Deckhand, Farm Tractor, Fireman on Boiler, Mechanic's Helper, Oiler, Power Broom, Side Delivery Shoulder Spreader (attachment)

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[L&I Home](#)

[Safety and Labor-Management Relations](#) > [Labor Law Compliance](#)

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ASBESTOS REMOVAL -- ASBESTOS WORKER/LABORER

AMENDED FOR 11/21/97

[Industrial Board](#)

[Labor Law Compliance](#)

The removal of asbestos containing materials should be handled as follows:

[Prevailing Wage](#)

1. The removal of all insulation materials, whether they contain asbestos or not, from mechanical systems (pipes, boilers, ducts, flues, breachings, etc.) will be recognized as work to be classified as Asbestos Worker.

[Forms](#)

2. On all mechanical systems (pipes, boilers, ducts, flues, breachings, etc.) that are going to be scrapped, the removal of all insulating material, whether they contain asbestos or not, will be classified as Laborers.

[Quick Links](#)

[Child Labor Law](#)

3. The removal of all asbestos containing materials from walls, ceilings, floors, columns and all other non-mechanical structures and surfaces, etc., will be held to the classification of Laborers (with the exception of roofing materials).

[Minimum Wage Law](#)

[Labor-Management Cooperation](#)

4. The term "removal" shall not include sealing, labeling and dropping of scrap material into appropriate containers. After the drop, the final disposal will be classified as Laborers.

[Mediation Services](#)

[Occupational and Industrial Safety](#)

5. The loading at the designated area of all materials that have been removed, bagged and tagged, as well as clean-up and all unloading, burying and other work required at the disposal site should be classified as Laborers.

[PENNSAFE](#)

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[Safety and Labor-Management Relations](#) > [Labor Law Compliance](#)

**Safety and Labor-
Management Relations**

Notes for Building, Heavy, Highway Truckdriver

Industrial Board

Truckdriver Class 1

Labor Law Compliance

Single Axle

Prevailing Wage

Truckdrivers Class 2

Forms

Tandem
Tri-Axle
Semi-Trailer (Combination)

Quick Links

Child Labor Law

Truckdrivers Class 3

Minimum Wage Law

Speciality Vehicles

**Labor-Management
Cooperation**

Mediation Services

**Occupational and
Industrial Safety**

PENNSAFE

**Pennsylvania Labor
Relations Board**

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L&I Home[Safety and Labor-Management Relations](#) > [Labor Law Compliance](#)**Safety and Labor-Management Relations****Painters Notes for Building, Heavy, Highway Painters****Industrial Board****Cameron, Crawford, Forest, Potter & Warren Counties****Labor Law Compliance****Painters Class 1** - Industrial Rates (Heavy/Highway)**Prevailing Wage****Painters Class 2** - Commercial Rates (Building)

Forms

Allegheny, Fayette, Greene & Washington Counties

Quick Links

Painters Class 1 - Industrial Brush & Roll (Heavy/Highway)**Child Labor Law****Painters Class 2** - Industrial Sandblast & Spray (Heavy/Highway)**Minimum Wage Law****Painters Class 3** - Bridge, Hot Stack, & Transmission Towers (Heavy/Highway)**Labor-Management Cooperation****Painters Class 4** - Painter Tender I (Heavy/Highway)**Mediation Services****Painters Class 5** - Painter Tender II (Heavy/Highway)**Occupational and Industrial Safety****Painters Class 6** - Commercial Painting & Paperhanging (Building)**Armstrong, Beaver, Bedford, Blair, Butler, Cambria, Centre, Clarion, Clearfield, Elk, Fulton, Huntingdon, Indiana, Jefferson, Juniata, Lawrence, Mercer, Mifflin, Somerset, Venango & Westmoreland Counties****PENNSAFE****Pennsylvania Labor Relations Board****Painters Class 1** - Industrial Brush & Roll (Heavy/Highway)**Painters Class 2** - Industrial Sandblast & Spray (Heavy/Highway)**Painters Class 3** - Bridge, Hot Stack, & Transmission Towers (Heavy/Highway)**Painters Class 4** - Painter Tender I (Heavy/Highway)**Painters Class 5** - Painter Tender II (Heavy/Highway)**Painters Class 6** - Commercial Painting & Paperhanging (Building)**Bucks, Chester, Delaware, Montgomery & Philadelphia Counties****Painters Class 1** - Brush, Roller & Spray**Painters Class 2** - Bridge**Painters Class 3** - Wallcoverer**Adams, Berks, Bradford, Carbon, Clinton, Columbia, Cumberland, Dauphin, Franklin, Lackawanna, Lancaster, Lebanon, Lehigh, Luzerne, Lycoming, Monroe, Montour, Northampton, Northumberland, Perry, Pike, Schuylkill, Snyder, Sullivan, Susquehanna, Tioga, Union, Wayne, Wyoming & York Counties****Painters Class 1** - Commercial***Painters Class 2** - Industrial (includes Structural Steel, Industrial Spray & Sandblasting)***Painters Class 3** - Bridge*

* \$1.00per hour above the rate for all classifications for work done in the following manner: Steel, Spray,

Log In

Epoxy, HIPAC Coatings, Catalyzed Epoxy, Urethanes, Removers, Swing, Basket, and Sandblasting

Clinton County

Painters Class 1 - Spray

Painters Class 2 - Brush & Roller

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Steel Escalation Option

The undersigned hereby certifies that he/she is authorized to make a decision, on behalf of the Bidder, regarding application of the provisions of the Standard Special Provision entitled "Price Adjustment for Steel Cost Fluctuations" to the following project:

ECMS Project No. _____ S.R. _____, Section _____ Letting Date _____

SSP SUBSECTION	CATEGORY NAME	OPTION-IN*	OPTION-OUT**
4.a	Guide Rail and Metal Median Barrier	<input type="checkbox"/>	<input type="checkbox"/>
4.b	Reinforcement Bars	<input type="checkbox"/>	<input type="checkbox"/>
4.c	Piles	<input type="checkbox"/>	<input type="checkbox"/>
4.d	Steel Sign Structure(s)	<input type="checkbox"/>	<input type="checkbox"/>
4.e	Fabricated Structural Steel	<input type="checkbox"/>	<input type="checkbox"/>
4.f	Precast Reinforced Concrete Box Culvert(s) / Prestressed Concrete Bridge Beam(s)	<input type="checkbox"/>	<input type="checkbox"/>

* Checking here **elects** the option to apply the provisions of the SSP entitled "Price Adjustment for Steel Cost Fluctuations" to the steel used in applicable materials placed as part of the work items in the indicated category.

** Checking here **declines** the option to apply the provisions of the SSP entitled "Price Adjustment for Steel Cost Fluctuations" to the steel used in applicable materials placed as part of the work items in the indicated category.

CONTRACTOR NAME

X

SIGNATURE

PRINTED NAME

DATE

The apparent low bidder is required to submit this form via fax to (717) 705-1504 by 3:00 pm prevailing local time within 7 calendar days after the bid opening. When the seventh calendar day after the bid opening falls on a day PennDOT offices are closed, submit this form via fax by 3:00 pm prevailing local time on the next business day.

If a properly completed form is not provided by the apparent low bidder within the time specified, the Department will consider the option to apply the price adjustment provisions to the project to be declined (i.e. Option-OUT will be selected for the project). If the form, when provided within the time specified, has been completed such that the Department is unable to ascertain the bidder's intention with regard to the inclusion of any one of the applicable steel product categories, the Department will consider the option to apply the price adjustment provisions to that product category to be declined (i.e. Option-OUT will be selected for the category). No further opportunity to elect steel escalation for the project or an individual steel product category will be made available to the bidder.

API-136

Agreement No.
Date



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
DIVISION OF PLANT PROTECTION

COMPLIANCE AGREEMENT AND RELEASE

Name and Mailing Address of Establishment:

Location (s):

Regulated Articles Handled:

Approved Mill Facility Inside Quarantined Area Handling Ash Chips and Mulch (Excluding Firewood)

Applicable State Quarantines:

Pennsylvania Emerald Ash Borer Quarantine

I / We agree: that in authorizing and participating in these procedures and/or treatments as a basis for the certification of regulated articles,

1. no liability shall be attached either to the Pennsylvania Department of Agriculture or to any of its employees in the event of injury to the property or the regulated articles;
2. to handle, process and move regulated articles in accordance with the provisions of applicable plant quarantines;
3. to use all permits and certificates in accordance with the stipulations;
4. to maintain and offer for inspection such records as may be required;
5. to carry out all additional conditions, treatments, precautions and sanitary measures which may be required by the inspector in the following stipulations.

The affixing of the signatures will validate this agreement which shall remain in effect until cancelled but may be revised as necessary or revoked for noncompliance.

DATE SIGNED _____

PERSON / FIRM _____

FOR THE DEPARTMENT:

SIGNATURE _____

SIGNATURE _____

TITLE _____

TITLE _____

COMPLIANCE AGREEMENT STIPULATIONS

This establishment will ship regulated ash chips and mulch intrastate from a quarantined area ONLY after **ONE** of the following treatments is completed at the establishment's expense: (Circle those that apply)

1. Produce mulch chips that comply with the Mulch Sample Protocol provided in Attachment A-1
2. Composting process as provided in Attachment A-1.

The manufacturing/treatment process must take place within the quarantined area. Regulated articles that have undergone an approved treatment may be shipped throughout the year.

This establishment will ensure that each shipment of treated regulated material moved intrastate is accompanied by a completed State issued Certificate and will maintain copies of the Certificates at their premises. This establishment will ensure that Certificates are safeguarded from misuse, unauthorized use, and loss. No certificates are to be duplicated without the approval of the Pennsylvania Department of Agriculture. All certificates must be accounted for, including voids.

The Pennsylvania Department of Agriculture retains the right to conduct inspections of regulated articles, monitor inspection procedures, and examine shipment, treatment, and certificate records at any time. All records must be maintained for at least 36 months. All document requests will be filled within 48 hours of the initial request. Inspector copies must be forwarded to the issuing office once per month.

If **Establishment (Fill In)** fails to comply with the provisions of this Compliance Agreement and/or the Emerald Ash Borer Quarantine regulations, this Compliance Agreement will be canceled. In addition, violations of state regulations, including any alteration, forgery or unauthorized use of state forms, are subject to criminal prosecution carrying up to 90 days imprisonment and a fine of up to \$300 with respect to each violation. In addition, a person who violates this Compliance Agreement may be assessed a civil penalty of up to \$20,000 with respect to each violation.

Attachment A-1

MULCH SAMPLING PROTOCOL

Size Requirements and Screening Procedure for Hardwood Mulch and Chips in the Emerald Ash Borer Quarantine Area February 23, 2007

The following procedure should be followed to determine if hardwood and bark chips, nuggets, and mulch materials can be considered safe for movement from the emerald ash borer quarantine area:

Step 1. Using a 12inch diameter 3.25 inch deep sieve with 1.25 inch steel mesh openings (Fisher Scientific #04-884-1J) take 10 samples from random locations in the chip or mulch pile - - do not take all samples from the same location. If any chips are found that are greater than 2.5 inches in two dimensions the pile is rejected. If there are no chips found greater than 2.5 inches in two dimensions then proceed to Step 2.

Step 2. If four or more chips from the 10 samples do not pass through the sieve proceed to Step 3. If three or fewer chips from the 10 samples do not pass through the sieve, then the pile passes and can be moved.

Step 3. Resample. Take 10 additional samples from random locations in the chip pile. If any chips are found that are greater than 2.5 inches in two dimensions the pile is rejected. If there are no chips found greater than 2.5 inches then proceed to Step 4.

Step 4. If four or more chips from the 10 samples do not pass through/put through the sieve the pile is rejected. If three or fewer chips fail to pass through the sieve then the pile passes and can be moved.

NOTE: Mulch chips that do not meet the specified requirements as outlined above may be reground to meet this specification or composted as outlined below.

COMPOSTING REQUIREMENTS FOR HARDWOOD MULCH AND CHIPS IN THE EMERALD ASH BORER QUARANTINE AREA

To treat hardwood and bark chips, nuggets, and mulch material that are larger than 1.00 inches (2.54 cm) in two dimensions, to mitigate risk of spread of Emerald Ash Borer, they can be composted using the following procedure adapted from the Gypsy Moth Manual:

1. Compost piles must be a minimum of 200 cubic yards.
2. Internal temperature at a depth of 18 inches must reach 140 °F (60 °C) for four (4) continuous days.
3. Using a front-end loader or a bulldozer, remove the outer layer of the compost pile to a depth of three (3) feet.
4. Start a second compost pile using the recently-removed cover material as a core.
5. Move the core material from the first compost pile and place on the second compost pile as a cover at least three (3) feet deep.
6. Allow the second compost pile to remain undisturbed until the temperature reaches 140 °F (60 °C) for at least four (4) continuous days.
7. Remove the second compost pile and use as fully-composted material.

This procedure will allow continuous operation. After the first compost pile is "turned" to become the second compost pile, a new "first" compost pile can be started.

Electronic Stamp for EAB

This is a sample of certification stamp available for use as an attachment to commercial labels or invoices.



**Bridge / Structures Related Effective Policy Letters
For Contractor's Alternate Designs**

In addition to applicable portions of Design Manual Part 4, Pub 408, BC and BD standards, and AASHTO Bridge Specifications all applicable portions of the following design policy (strike-off) letters will apply for alternate designs developed by the contractor. These policy letters cover a variety of issues, concepts, and specifications. Unless specifically permitted by the Alternate Specifications Part A or Part B, the contractor is not permitted to utilize new concepts.

Number	Date	Subject
431-04-01	1/13/04	Quality Control of Design Submissions
431-06-01	1/24/06	Moratorium on Non-Composite Adjacent Prestressed Concrete Box Beam Bridges
431-09-14	12/2/09	Publication 15M, Design Manual Part 4 Change No. 1
431-10-12	8/29/10	Bridge Design Standards, BD-600M Series (Pub. 218M): September 2010 Edition
431-10-13	11/16/10	Bridge Construction Standards, BC-700M Series (Pub. 219M): October 2010 Edition
431-11-03	4/4/11	Publication 218M, BD-628M Modifications to Approach Slab Joints and Waterproofing Details Implementation into Active Projects in Construction
431-11-06	7/13/11	Modification to Publication 15M, Design Manual Part 4 Implementation Measures to Mitigate Corrosion Of Substructure J-Bar Reinforcement
431-11-08	7/29/11	Publication 15M, Design Manual Part 4 Addition of Section B 2.9P and Quality Assurance Form D-519 to Design Manual Part 4 for Construction Loading on Bridges
431-11-09	8/26/11	Publication 15M, Design Manual Part 4 Revision of Appendix J - Approved Commercially Available or Consultant - Developed Software
431-11-10	12/21/11	Summary of New Bridge and Structure Products
431-12-01	1/20/12	Publication 219M, BC-799M - Mechanically Stabilized Earth (MSE) Retaining Walls - Modifications to Drainage Pipe Requirements for 100-Year Design Life and Implementation into Active Projects
431-12-02	2/13/12	Implementation of AAAP Cement Concrete

16.7 STANDARDS FOR BRIDGE CLEARANCE, CHANNEL IMPROVEMENT, AND BRIDGE REHABILITATION (MAINTENANCE PROJECTS)

The following standards for Department maintenance bridge clearance, channel improvement and bridge rehabilitation projects have been developed and approved in cooperation with the Pennsylvania Department of Environmental Protection and the Pennsylvania Fish and Boat Commission. These procedures were developed for the purpose of streamlining the water obstruction permit process for Maintenance projects:

1. The "Proposed Work Schedule" (Exhibit 16.7.C) for bridge clearance and channel improvement and bridge rehabilitation projects shall be submitted concurrently to the Department of Environmental Protection (DEP), the Pennsylvania Fish and Boat Commission (PFBC) and the County Conservation District 30 days in advance of initiating work. Included in the submission will be a listing of the proposed program with a brief description of the type of work and a Type 3 County Map with noted project locations. The proposed work schedules shall be submitted to DEP Regional Offices and the Fish and Boat Commission at the following address:

Pennsylvania Fish and Boat Commission
Division of Environmental Services
450 Robinson Lane
Bellefonte, PA 16823-9620
Telephone (814) 359-5147

Addresses for the County Conservation Districts are listed in the Soil Erosion and Sedimentation Control Manual published by DEP.

A followup post card shall be sent to the proper PFBC Regional Headquarters and notify the County Conservation District ten (10) days in advance of starting work at any specific location identified in the proposed work schedules. If any agency required additional information, they will contact the appropriate Department of Transportation Office.

2. A work sketch shall be on site in the possession of the foreman in charge whenever work is being performed. The

project limits and dimensions are to be clearly indicated on the work sketch.

3. No work is to be done in PFBC approved stocked trout streams between March 1 and June 15 unless approved by a PFBC Regional Office.
4. Normal channel widths shall be excavated to no greater width than the stream channel width above and below the bridge. The remainder of the width shall be maintained as an elevated flood plain about six inches above water level. (See exhibits 16.7.A & .B).
5. Where appropriate, instream rock structures may be installed to encourage stream cleaning and prevent annual maintenance. These structures must be reflected on the "Proposed Work Schedule" and the "Proposed Work Sketch".
6. Material removed shall be deposited or spoiled outside of the floodplain. All disturbed areas should be restored to original contours, seeded and mulched. Excess excavated material shall not be deposited in any wetland, river, lake, water course, floodway, or other regulated waters of the Commonwealth without first applying for and receiving the written permission of DEP.
7. Minimize disturbance to existing vegetation. Tree and shrub growth on banks shall not be disturbed unless absolutely necessary.
8. Work area shall be limited to 50 feet upstream and downstream from the bridge or culvert. Exceptions to must be specifically identified in the "Proposed Work Schedules" and along with supporting data, be submitted under Item 1 for DEP approval.
9. Work should be accomplished by working from the stream banks. In those cases where this is not possible, the operation of equipment in the water is to be minimized.
10. When work involves repairs to piers, footers or wingwalls, the construction area should be enclosed wherever possible within a coffer dam.

11. When an access road is installed, storm water diversion shall be provided to assure the water will not flow along the access road into the work area. Erosion and sedimentation pollution control measures must be properly implemented and closely monitored to minimize erosion and prevent sediment from entering the stream channel.
12. Where it is necessary for construction equipment to cross the stream, a temporary stream crossing shall be provided for this purpose unless the stream flow is shallow and the streambed is of nonerodible material. This crossing can be a ford or a battery of pipes. Any fill material provided for the crossing shall be clean, granular material. Upon completion of the project, the temporary crossing shall be removed in its entirety and the disturbed areas restored, as close as possible, to its original condition.
13. Bridge rehabilitation projects, including bridge superstructure replacements are subject to the following conditions:
 - No reduction of horizontal or vertical clearance of the structure will occur.
 - No widening of a substructure for superstructure replacement will occur.
 - No roadway grade will be altered, other than that required for normal resurfacing.

Any repairs or maintenance involving modification of the structure from its original specifications and any repairs or reconstruction or replacement involving a substantial portion of the structure shall require the approval of DEP.
14. The Department of Environmental Protection shall have the discretion to require that a separate individual permit application be submitted for any project which the Department of Environmental Protection determines to have a significant effect upon the safety or protection of life, health, property or the environment.
15. Act 14, 1984 of the Pennsylvania Legislature requires that written notice be given to each municipality in which the activities are proposed at least thirty

(30) days prior to starting construction. It will not be necessary to present proof that the municipality has actually received the notification. A copy of the notice sent to the municipality should be filed in the project file. Files should be properly maintained and available for inspection by authorized employees of the Pennsylvania Department of Environmental Protection.