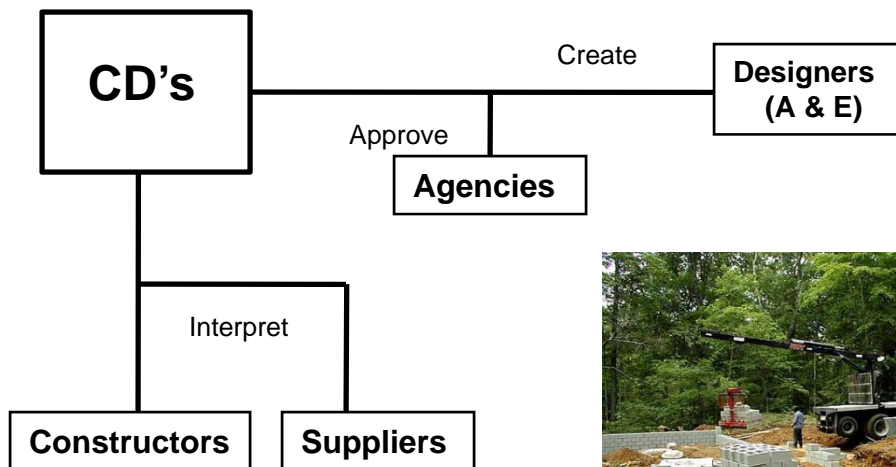


Suppliers & Agencies

- Suppliers interpret the CD's with the coordination of the Constructors.
- Agencies approve the CD's with the coordination of the Designers



Suppliers

Suppliers require products to supply.

Products require manufacturers to:

- Make Products – Individual packaged products (roofing, toilets, light fixtures...)
- Process Materials – Turning raw materials into bulk supplies (Concrete, asphalt....)
- Fabricate Materials – Modify bulk materials to fit projects (Steel and rebar.)

Supplier Roles

Vendors/Suppliers:

- **Distributors of products made by others.**
- **May supply many different kinds of products.**
- **May manufacture own products plus supply other supporting products.**
- **May be a rental agency for equipment**

Manufacturer's representatives:

- **Direct agent for the manufacturer of the product.**
- **Acts as a source of information keeping products in the eyes of those who need them.**
- **Usually fills no orders but passes them through to the manufacturer.**

Suppliers require a knowledge of:

- **Project CD's**
- **Codes & Regulations**
- **Estimating**
- **Logistics & Transportation**
- **Construction Conditions**
- **New product development & uses for current products.**



Governmental Agencies

- **Federal State and Local level agencies work for the Public Benefit & Safety**
- **Set standards for design & construction**
- **Review and approve projects in which public safety is a concern:**
 - **Chief Building officials, plan examiners and building inspectors who are enforcement officers of the building code.**
- **Program, plan, design and review projects sponsored by their agency (ODOT, Counties and Cities)**
 - **May act as PM for design performed by local consultants.**
 - **May design projects “in house”**
- **Act as PM/CM for public projects under their jurisdiction. (New roads, bridges, treatment plants...)**



CET Grad Dossier



Name: Chad Arkenberg

Graduated: 2005

Employer: Hanson Pipe & Products

Location: Sidney, Ohio

Type of Organization:

Precast Concrete Pipe Supplier

Job Title:

Estimator & Assistant Engineer

My normal tasks include: Quantity takeoff, quoting projects, preparing shop drawings, coordinating projects with customers/contractors .

The best thing about my job is: My job has many different functions so it never really gets boring.

The hardest thing about my job is:
Customers always want their materials yesterday so sometimes it gets a little crazy. .

The neatest project I've worked on is:
In the office so I don't get to see the actual projects.

The class that helped me the most:
All the CET courses.

I wish I'd paid more attention to:
The structural courses.

One piece of advice for freshman: Have fun but make sure that you get the work done that needs to be done finished!

CET Grad Dossier



Name: Brad Carpenter
Graduated: 2006
Employer: Dewitt Rebar
Location: Holland, Ohio
Type of Organization:
Reinforcing Steel Fabricator
Job Title: Project Manager

My normal tasks include: Manage the rebar shop, schedule deliveries, price/ order stock materials, and job costing.

The best thing about my job is: I have my own office and I am my own boss. Everything falls down to me weather everything is going bad or good. As much as I loved working in the field as a ironworker having an office job will save my body in the future.

The hardest thing about my job is:

Taking blame for something someone else has done. Being in charge you take all responsibility and sometimes it is hard to deal with.

The neatest project I've worked on is:

We supply reinforcing steel for most of the Toledo area but just to list a few popular jobs we have worked on: Bass Pro Shop-Rossford, OH, Khalahari Resort- Sandusky, OH.

The class that helped me the most:

I would say the best thing I learned in school was any class Dr Kissoff taught about keeping a notebook and being organized. One thing I have found is that you need to keep very good documentation of everything. Being organized with your paper work is the only to go.

One piece of advice for freshman: Save your text books. Even if your job does not relate to the book itself someone may ask you a question because of your degree and your books will come in handy when you forget a formula or calculation.

CET Grad Dossier



Name: Dan Baker

Graduated: 2003

Employer: Miami County Engr.

Location: Troy, Ohio

Type of Organization:

Governmental Highway Agency

Job Title: Civil Engineer

My normal tasks include: Addressing property owners concerns, Project inspection, Construction staking/surveying, Preliminary property/ROW research, Inspection of culverts & bridges, Topographic aerial, Road culvert design, Pavement & culvert construction estimating, Meetings with other government entities such as ODOT, Township Trustees, and Municipalities.

The best thing about my job is: The wide variety of projects that I may be involved with in a single day/week allows me to work both indoors and outside.

The hardest thing about my job is: Interaction with the public always has the potential to be difficult.

The neatest project I've worked on is: In 2005/2006 the Eldean Covered bridge underwent a historic rehab.

The class that helped me the most: Surveying, Structural Design, AutoCAD/Land Development, Hydraulic & Hydrology, and Soils & Foundations are all subjects that I am involved with.

I wish I'd paid more attention to: The structural design classes, including the prerequisites, would have benefited me in both my work duties and professional advancement such as the FE/PE exams.

One piece of advice for freshman: Study all subjects as if you plan to work in that field of study, no matter what the subject. A well educated graduate is given much more respect than someone who merely "made it through" and has a degree.