

Deck Sections

- A graphic program
- Details the Deck Cross Sections
 - Up to 5 partial sections
 - 3 drawing scale options
 - Up to 6 different cross slopes
 - Barrier and/or parapet/sidewalk options
 - Up to 20 longitudinal beams
 - Constant or variable beam spacing
- Calculates concrete quantities
- Creates the input file *GDOT – Reinforcing Steel*. (A program for producing reinforcing steel quantities and schedules – under development.)

Uses one (1) of following beams:

| | | |
|-----------------------|--------------|--------------------------|
| AASHTO Type I Mod PSC | AISC W27 | 2'-3" (27"h x 18"w) RCDG |
| AASHTO Type II PSC | AISC W30 | 2'-9" (33"h x 18"w) RCDG |
| AASHTO Type III PSC | AISC W33 | |
| AASHTO Type IV PSC | AISC W36 | |
| AASHTO Type V PSC | Plate Girder | |

Partial sections available:

| | |
|--------------------------------|----------------------------------|
| Thru Slab | all beams |
| Thru Diaphragm | AASHTO PSC, AISC or Plate Girder |
| Thru Slab At Midspan | RCDG |
| Thru Edge Beam | all beams |
| Thru Endwall | all beams |
| Thru Slab At Intermediate Bent | all beams |

Units

English Units

Version 1.0 Release Notes

Improvements:

VAX FORTRAN code has been transferred and recompiled for the PC. A Visual Basic application has been developed to create the input file, run the program and view the outputs.

Fixes:

This is the initial release.

System Requirements:

| | |
|-------------------------------|---|
| Operating System: | Tested with Windows NT 4.0, Windows 2000 or Windows XP Professional |
| Disk Space: | 2.1MB |
| Memory: | 64MB |
| Additional Required Software: | MicroStation/J with the GDOT Office of Bridge and Structural Design MicroStation Customization |

User's Manual

User's Manual is available in the program.

Installation Instructions:

1. Ensure that the GDOT Office of Bridge and Structural Design MicroStation Customization is installed. [Click here](#) to review the MicroStation Customization installation instructions.
2. Uninstall any old versions of GDOT – Deck Sections (Start | Settings | Control Panel | Add/Remove Programs).
3. Download the self-extracting .EXE file to a directory on your hard disk by clicking here: [Deck Sections](#) (you will need a FTP username and password to access this file; please contact [Bill DuVall](#))
4. This will download files to the directory you select on your hard drive. (e.g. C:\TEMP).
5. Execute c:\temp\SETUP.EXE and accept the defaults.

WARNING: Do not change the folder and file structure for Deck Sections during the installation. If the folder and file structure is changed, Deck Sections will not run.