

## SECTION 7 - STANDARD DRAWINGS

### INTRODUCTION

This section contains standard drawings to be used with the construction and material specifications. Together with the specifications many jobs can be designed and constructed without a large engineering input. Standard drawings are intended for small jobs and usually have limits to avoid situations that require more detailed engineering design.

Many of the standard drawings require additional information before use. Practice dimensions often vary with site features. The dimensions and labels to make the drawings match the requirements imposed by site conditions should be included on the provided blanks in the drawings where appropriate.

The standard drawings dated before January 1999 were created using VersaCad Version 6.0 Software. New and revised drawings since January 1999 were created using AutoCad version 14, AutoCad LT 97, and AutoCAD 2000 software. All of the standard drawings created in versions prior to AutoCAD 2000 have been converted to AutoCAD 2000 (.dwg) format. This conversion from VersaCad to AutoCAD 2000 format resulted in some loss of information. Every effort has been made to rectify these discrepancies, but some caution is recommended to ensure that the drawings contain the required information before use.

All references to IDOT in the standard drawings refer to the *Illinois Department of Transportation Standard Specifications for Road and Bridge Construction*, adopted January 1, 2002. The standard drawings use the 'RR' designation in place of a gradation number. Assume the 'RR' to be synonymous with 'Gradation'.

All of the drawings are available in the DXF format. This will allow conversion of the drawings into most CAD systems. For non-AutoCAD users, the drawings are also available in DWF and PDF format. DWF files can be viewed and printed by downloading Autodesk WHIP! software. PDF files can be viewed and printed by downloading Adobe Acrobat software. Using WHIP! software with the DWF files is the preferred method for obtaining electronic versions of the standard drawings for non-AutoCAD users because it preserves many of the AutoCAD features, such as layer control and cursor location.

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