



NDDOT Survey Manuals Memorandum No. 01-2008

TO: All NDDOT Survey Staff and Prequalified Consultants
FROM: NDDOT Surveys and Photogrammetry
DATE: March 3, 2008
SUBJECT: Changes to NDDOT Survey Training Manuals

Introduction

The following changes are broken down by manual title and are as follows:

GPS Manual Operations

- Elevation mask changed throughout document from 13 to 15 degrees for data collection. OPUS Elevation to remain at 13 degrees. Pages: 11, 17, 23, 24, 34, 35, 36, and 37 of 54,.
- Added RTK/Infill Survey Style. Pages: 36 and 37 of 54.

Note: The Index has been updated to accommodate the above changes.

Online Positioning User Service (OPUS)

No changes at this time.

Robotic and Conventional Total Stations

No changes at this time.

Data Collection



ND DEPT OF TRANSPORTATION SURVEYS & PHOTOGRAMMETRY

TRAINING SUBJECT:

- Updated Aerial panel placement. Aerial panels are now 2-leg panels with pin located at the inside intersection. Page: 4 of 58.
- Addition of new options available from the Map screen. Page: 30 of 58
- Addition of RTK/Infill Processing Procedures. Pages: 31 to 40 of 58.
- Added Creating a Micro-Station drawing from an ASCII text file. Pages 41 to 58 of 58.

Note: The Index has been updated to accommodate the above changes.

Design to Construction Survey Automation

- Added Creating a DTX file with Geopak. Pages: 31 to 40 of 46
- Added Importing a DTX file into TGO DTMLink. Pages 41 to 46 of 46

Note: The Index has been updated to accommodate the above changes.

As-Built for Earthwork Quantities

No changes at this time.