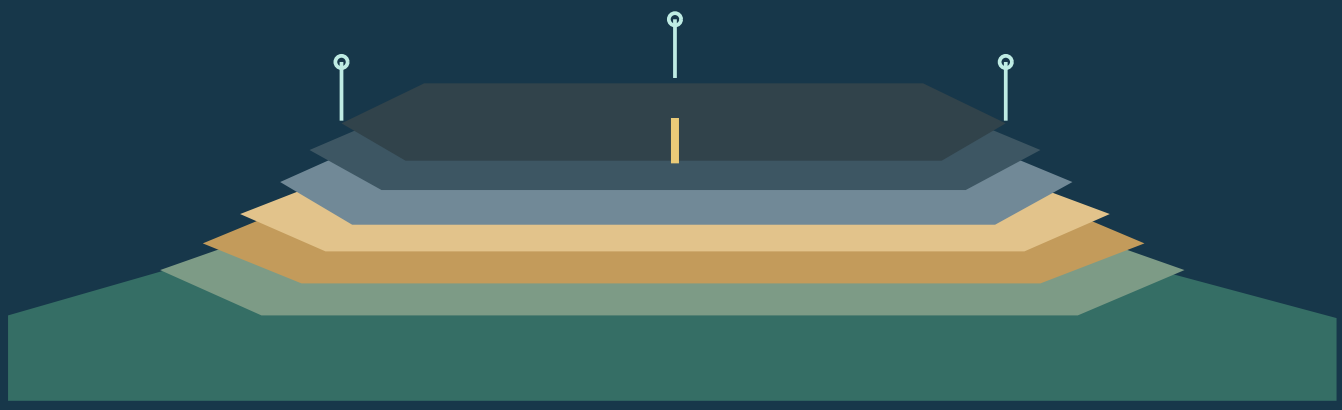
my ExcelSolutions®

Survey-to-billing workflows

ROAD LEVEL & QUANTITY CALCULATION SOFTWARE

Capture field levels. Calculate earthwork and pavement layers. Prepare linked billing sheets.

ROAD PROFILE | LAYER-WISE QUANTITY WORKFLOW



SURVEY LEVELS

EARTHWORK + LAYERS

BILLING EXPORTS

BUILT AROUND REAL ROAD-LEVEL CALCULATIONS

CORE CAPABILITIES

Turn field readings into calculated quantities.

One workbook supports level records, road layers, earthwork comparisons and structured billing outputs.

Chainage & offset setup

Generate Left / Centre / Right point sequences for each relevant road layer.

H.I. and R.L. computation

Work from TBM, Back Sight, Intermediate Sight and Fore Sight readings.

Earthwork quantities

Calculate embankment and, with valid initial survey, detailed cutting.

Layer-wise calculations

GSB, WBM First / Second / Third and Side Shoulder quantity workflows.

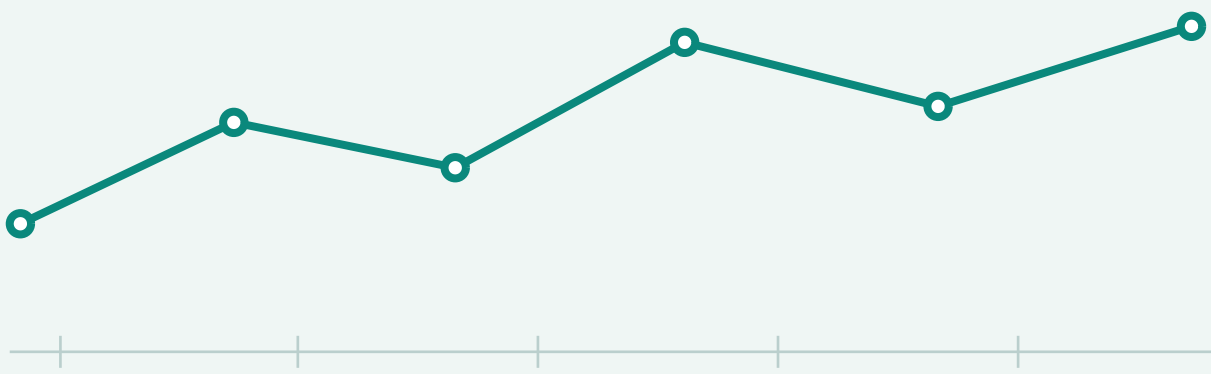
Validation & refresh

Validate inputs, then refresh connected result and billing calculations.

Level + billing export

Produce selected level-data and billing-data files from the workbook.

FROM FIELD LEVELS TO REPORTABLE QUANTITIES



ILLUSTRATIVE LONGITUDINAL PROFILE

EARTHWORK MODES

Two routes for initial-ground data.

Choose the workflow that matches the available, engineer-approved survey information.

A

ACTUAL INITIAL SURVEY

For valid, recorded initial-ground data.

- Use matching chainages and numeric offsets.
- Validate Initial against Final-1.
- Calculate embankment and chainage-wise cutting.

B

ASSUMED INITIAL

When actual initial survey is unavailable.

- Set approved K1:L1 assumption range.
- Create or refresh Assumed-1.
- Calculate approximate embankment quantity.

IMPORTANT ENGINEERING DISTINCTION

Assumed mode estimates embankment; it does not produce actual chainage-wise cutting from measured initial levels. Survey assumptions and approved parameters must be reviewed by the engineer.

CONTROLS FOR BILLING ACCURACY

GUTTER

Optional gutter measurements

CUTTING

Computed / rounded / approved basis

DEDUCTION

Contract-approved cutting percentage

WORKFLOW & DELIVERABLES

A clearer route from survey to bill.

Use the Main menu to control sequence creation, formula refresh, quantity output and report files.

01

Configure

Project, report selections and layer settings

02

Generate

Chainage and Left / Centre / Right sequences

03

Enter

Level readings and approved road survey data

04

Validate

Earthwork selections, data and approved deductions

05

Refresh & export

Result sheets, billing sheets and selected files

RESULT-1 TO RESULT-7 + BILLING-1 TO BILLING-7

Seven result sheets and linked billing formats cover earthwork and road layers, with selective Level Data and Billing Data exports.

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Engineering note: Verify survey data, approved widths, thicknesses and quantities.