WS ELEVATION DROP
(HEAD OF RIFFLE TO HEAD OF RIFFLE)

WATER SURFACE (WS)

AVERAGE BANKFULL (BKF) SLOPE

LOW BANK HEIGHT

AVERAGE WATER SURFACE SLOPE

GLIDE SLOPE   RIFFLE SLOPE   RUN SLOPE   POOL SLOPE

GLIDE

RIFFLE

RUN

POOL

GLIDE

RIFFLE

RUN

POOL

GLIDE

RIFFLE

RUN

THALWEG (TW)

DISTANCE ALONG STREAM CENTERLINE
(HEAD OF RIFFLE TO HEAD OF RIFFLE)

POOL LENGTH

GLIDE LENGTH

RIFFLE LENGTH

RUN LENGTH

AVERAGE BANKFULL (BKF) SLOPE

LOW FLOWWATER SURFACE

MAX POOL DEPTH

MAX GLIDE DEPTH

MAX RIFFLE DEPTH

MAX RUN DEPTH

POOL TO POOL SPACING (P_S)

Stantec

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Fort Collins, Colorado 80525-2903
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Client/Project
IOWA DEPARTMENT OF NATURAL RESOURCES

IOWA RIVER RESTORATION TOOLBOX

Title
LONGITUDINAL PROFILES

Permit-Seal

Project Number: XXXXXXXXXX

File Name: 13_14_Longitudinal_Profile.dwg

| DWN | CHKD | DSGN | XX.XX.XX |
| Dwn. | Chkd. | Dsgn. | YY.MM.DD |

Drawing No. LONGITUDINAL_PROFILE

Revision   Sheet

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