| FAS ROUTE NO | SEC | COUNTY | TOTAL SHEETS | SHEET NO |
|---|---|---|---|---|
| 188 | * | LEE | 22 | 10 |

ILLINOIS PROJECT BRS-188(121)

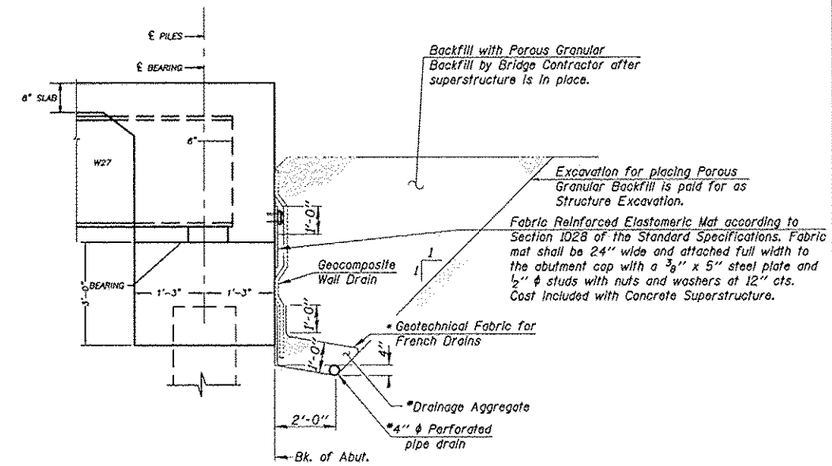
* 08-00303-00-BR

## BEAM #1

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATION | THEORETICAL GRADE ADJ. FOR DEAD LOAD DEFLECTION |
|---|---|---|---|---|
| Bk So. Abut | 9+13.42 | 13.500 | 661.039 | 661.039 |
| Cl Brg So Abut | 9+14.72 | 13.500 | 661.039 | 661.039 |
| A | 9+24.72 | 13.500 | 661.039 | 661.058 |
| B | 9+34.72 | 13.500 | 661.039 | 661.066 |
| C | 9+44.72 | 13.500 | 661.039 | 661.060 |
| D | 9+54.72 | 13.500 | 661.039 | 661.045 |
| Cl Brg Pier 1 | 9+63.88 | 13.500 | 661.039 | 661.039 |
| E | 9+73.88 | 13.500 | 661.039 | 661.056 |
| F | 9+83.88 | 13.500 | 661.039 | 661.080 |
| G | 9+93.88 | 13.500 | 661.039 | 661.093 |
| H | 10+03.88 | 13.500 | 661.039 | 661.091 |
| I | 10+13.88 | 13.500 | 661.039 | 661.072 |
| J | 10+23.88 | 13.500 | 661.039 | 661.048 |
| Cl Brg Pier 2 | 10+28.88 | 13.500 | 661.039 | 661.039 |
| K | 10+38.88 | 13.500 | 661.039 | 661.045 |
| L | 10+48.88 | 13.500 | 661.039 | 661.060 |
| M | 10+58.88 | 13.500 | 661.039 | 661.066 |
| N | 10+68.88 | 13.500 | 661.039 | 661.058 |
| Cl Brg No Abut | 10+78.05 | 13.500 | 661.039 | 661.039 |
| Bk No Abut | 10+79.34 | 13.500 | 661.039 | 661.039 |

## BEAM #2

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATION | THEORETICAL GRADE ADJ. FOR DEAD LOAD DEFLECTION |
|---|---|---|---|---|
| Bk So. Abut | 9+15.23 | 6.750 | 661.145 | 661.145 |
| Cl Brg So Abut | 9+16.53 | 6.750 | 661.145 | 661.145 |
| A | 9+26.53 | 6.750 | 661.145 | 661.164 |
| B | 9+36.53 | 6.750 | 661.145 | 661.172 |
| C | 9+46.53 | 6.750 | 661.145 | 661.166 |
| D | 9+56.53 | 6.750 | 661.145 | 661.151 |
| Cl Brg Pier 1 | 9+65.70 | 6.750 | 661.145 | 661.145 |
| E | 9+75.70 | 6.750 | 661.145 | 661.162 |
| F | 9+85.70 | 6.750 | 661.145 | 661.186 |
| G | 9+95.70 | 6.750 | 661.145 | 661.199 |
| H | 10+05.70 | 6.750 | 661.145 | 661.197 |
| I | 10+15.70 | 6.750 | 661.145 | 661.178 |
| J | 10+25.70 | 6.750 | 661.145 | 661.154 |
| Cl Brg Pier 2 | 10+30.70 | 6.750 | 661.145 | 661.145 |
| K | 10+40.70 | 6.750 | 661.145 | 661.151 |
| L | 10+50.70 | 6.750 | 661.145 | 661.166 |
| M | 10+60.70 | 6.750 | 661.145 | 661.172 |
| N | 10+70.70 | 6.750 | 661.145 | 661.164 |
| Cl Brg No Abut | 10+79.87 | 6.750 | 661.145 | 661.145 |
| Bk No Abut | 10+81.16 | 6.750 | 661.145 | 661.145 |




SECTION AT ABUTMENT
(TYPICAL EACH ABUTMENT)

* Included in the cost of pipe underdrains for structures.

## BEAM #3

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATION | THEORETICAL GRADE ADJ. FOR DEAD LOAD DEFLECTION |
|---|---|---|---|---|
| Bk So. Abut | 9+17.04 | 0.000 | 661.250 | 661.250 |
| Cl Brg So Abut | 9+18.33 | 0.000 | 661.250 | 661.250 |
| A | 9+28.33 | 0.000 | 661.250 | 661.269 |
| B | 9+38.33 | 0.000 | 661.250 | 661.277 |
| C | 9+48.33 | 0.000 | 661.250 | 661.271 |
| D | 9+58.33 | 0.000 | 661.250 | 661.256 |
| Cl Brg Pier 1 | 9+67.50 | 0.000 | 661.250 | 661.250 |
| E | 9+77.50 | 0.000 | 661.250 | 661.267 |
| F | 9+87.50 | 0.000 | 661.250 | 661.291 |
| G | 9+97.50 | 0.000 | 661.250 | 661.304 |
| H | 10+07.50 | 0.000 | 661.250 | 661.302 |
| I | 10+17.50 | 0.000 | 661.250 | 661.283 |
| J | 10+27.50 | 0.000 | 661.250 | 661.259 |
| Cl Brg Pier 2 | 10+32.50 | 0.000 | 661.250 | 661.250 |
| K | 10+42.50 | 0.000 | 661.250 | 661.256 |
| L | 10+52.50 | 0.000 | 661.250 | 661.271 |
| M | 10+62.50 | 0.000 | 661.250 | 661.277 |
| N | 10+72.50 | 0.000 | 661.250 | 661.269 |
| Cl Brg No Abut | 10+81.67 | 0.000 | 661.250 | 661.250 |
| Bk No Abut | 10+82.96 | 0.000 | 661.250 | 661.250 |

## BEAM #4

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATION | THEORETICAL GRADE ADJ. FOR DEAD LOAD DEFLECTION |
|---|---|---|---|---|
| Bk So. Abut | 9+18.85 | 6.750 | 661.145 | 661.145 |
| Cl Brg So Abut | 9+20.14 | 6.750 | 661.145 | 661.145 |
| A | 9+30.14 | 6.750 | 661.145 | 661.164 |
| B | 9+40.14 | 6.750 | 661.145 | 661.172 |
| C | 9+50.14 | 6.750 | 661.145 | 661.166 |
| D | 9+60.14 | 6.750 | 661.145 | 661.151 |
| Cl Brg Pier 1 | 9+69.31 | 6.750 | 661.145 | 661.145 |
| E | 9+79.31 | 6.750 | 661.145 | 661.162 |
| F | 9+89.31 | 6.750 | 661.145 | 661.186 |
| G | 9+99.31 | 6.750 | 661.145 | 661.199 |
| H | 10+09.31 | 6.750 | 661.145 | 661.197 |
| I | 10+19.31 | 6.750 | 661.145 | 661.178 |
| J | 10+29.31 | 6.750 | 661.145 | 661.154 |
| Cl Brg Pier 2 | 10+34.31 | 6.750 | 661.145 | 661.145 |
| K | 10+44.31 | 6.750 | 661.145 | 661.151 |
| L | 10+54.31 | 6.750 | 661.145 | 661.166 |
| M | 10+64.31 | 6.750 | 661.145 | 661.172 |
| N | 10+74.31 | 6.750 | 661.145 | 661.164 |
| Cl Brg No Abut | 10+83.48 | 6.750 | 661.145 | 661.145 |
| Bk No Abut | 10+84.77 | 6.750 | 661.145 | 661.145 |

## BEAM #5

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATION | THEORETICAL GRADE ADJ. FOR DEAD LOAD DEFLECTION |
|---|---|---|---|---|
| Bk So. Abut | 9+20.66 | 13.500 | 661.039 | 661.039 |
| Cl Brg So Abut | 9+21.95 | 13.500 | 661.039 | 661.039 |
| A | 9+31.95 | 13.500 | 661.039 | 661.058 |
| B | 9+41.95 | 13.500 | 661.039 | 661.066 |
| C | 9+51.95 | 13.500 | 661.039 | 661.060 |
| D | 9+61.95 | 13.500 | 661.039 | 661.045 |
| Cl Brg Pier 1 | 9+71.12 | 13.500 | 661.039 | 661.039 |
| E | 9+81.12 | 13.500 | 661.039 | 661.056 |
| F | 9+91.12 | 13.500 | 661.039 | 661.080 |
| G | 10+01.12 | 13.500 | 661.039 | 661.093 |
| H | 10+11.12 | 13.500 | 661.039 | 661.091 |
| I | 10+21.12 | 13.500 | 661.039 | 661.072 |
| J | 10+31.12 | 13.500 | 661.039 | 661.048 |
| Cl Brg Pier 2 | 10+36.12 | 13.500 | 661.039 | 661.039 |
| K | 10+46.12 | 13.500 | 661.039 | 661.045 |
| L | 10+56.12 | 13.500 | 661.039 | 661.060 |
| M | 10+66.12 | 13.500 | 661.039 | 661.066 |
| N | 10+76.12 | 13.500 | 661.039 | 661.058 |
| Cl Brg No Abut | 10+85.29 | 13.500 | 661.039 | 661.039 |
| Bk No Abut | 10+86.58 | 13.500 | 661.039 | 661.039 |

| | |
|---|---|
| DESIGNED: | DB |
| DRAWN: | BEH |
| CHECKED: | |
| DATE: | |

DECK ELEVATIONS
SECTION 08-00303-00-BR
F.A.S. 188 (INDIAN HEAD RD.)
LEE COUNTY
S.N. 052-3413

SCALE: 1"=

REVISIONS

| REVISION | DATE |
|---|---|

DESIGNED BY: DB
DRAWN BY: BEH
DRAWING NAME: deck.dwg
SURVEYED BY:
BOOK NO.:

wendler
wendler engineering services, inc.
GEOLOGISTS AND SOIL ENGINEERS
GEOTECHNICAL SURVEYS
www.wendlerg.com ph: 815.283.3261
Illinois Professional Design Firm No. 184-000848

DECK ELEVATIONS OF INDIAN HEAD ROAD BRIDGE REPLACEMENT FOR LEE COUNTY HIGHWAY DEPARTMENT

SHEET TITLE
DECK ELEVATIONS

JOB NUMBER 2080334
DATE 12/13/2012
SHEET NO. 10 of 22