

GRADING REPORT

COMPUTED BY: Colton Baker  
CHECKED BY: Andy Pinkley  
FEDERAL PROJECT NO:  
ROUTE NO. OR STREET: PCA1 & 3

SHEET 1 OF 4  
STATE NO.: 36ACOU-S3-002  
PIN: 133333.01  
COUNTY: Hardin

| ESTIMATED GRADING QUANTITIES                |                         |               |                       |                                                                                                                                                                                                                                             |               |             |
|---------------------------------------------|-------------------------|---------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|
| DESCRIPTION                                 | UNADJUSTED VOLUMES (CY) |               | ADJUSTED VOLUMES (CY) | BALANCE SUMMARY                                                                                                                                                                                                                             |               |             |
|                                             | EXC.                    | EMB.          | EXC.                  | SHRINK = 11 % SWELL = 11 %                                                                                                                                                                                                                  |               |             |
| MAINLINE                                    | 42314                   | 12712         | 37660                 | EXC.                      EMB.<br><br>54860                      VS.                      -12713<br><br>AVAILABLE                      =                      42147<br><br>WASTE MATERIAL                      =                      46784 |               |             |
| SIDE ROAD                                   | 18622                   | 0             | 16574                 |                                                                                                                                                                                                                                             |               |             |
| PVT. DRIVES, BUSINESS AND FIELD ENTRANCES   | 0                       | 0             |                       |                                                                                                                                                                                                                                             |               |             |
| INDEPENDENT DITCHES                         | 626                     | 0             | 558                   |                                                                                                                                                                                                                                             |               |             |
| EPSC                                        | 77                      | 0             |                       |                                                                                                                                                                                                                                             |               |             |
| OTHER (BRIDGE EXCAVATION, PAVEMENT, ETC...) | 0                       | 0             |                       |                                                                                                                                                                                                                                             |               |             |
| TOPSOIL (EMB.)                              | 464                     |               |                       |                                                                                                                                                                                                                                             |               |             |
| TOPSOIL (EXC.)                              | 1479                    |               |                       |                                                                                                                                                                                                                                             |               |             |
| TOPSOIL TOTALS (SEE TOPSOIL TABLE)          |                         |               |                       |                                                                                                                                                                                                                                             |               |             |
| ROCK (C.Y.)                                 |                         | TOTALS (C.Y.) |                       |                                                                                                                                                                                                                                             |               |             |
| EXC.                                        | EMB.                    | EXC. (UNCL.)  | EMB. (UNCL.)          | EXC (COMMON)                                                                                                                                                                                                                                | EXC. (AVAIL.) | EXC. (ADJ.) |
| 0                                           | 0                       | 63583         | 12713                 | 63583                                                                                                                                                                                                                                       | 61640         | 54860       |

Mainline PCA 1 Section with Special Ditches by Sta. Range

In this space, paste the earthwork data from the log files created by GEOPAK. The data is best displayed in 9-point Consolas font, with margins set to "narrow". These should be the default settings for this file. Paste data from the mainline, as well as each side road, driveway or special ditch. Separate each data set with copies of the text box above and use the text box to provide a description of each data set.

End Area Volume Report

Report Created: Wednesday, April 8, 2026  
Time: 10:11:35 AM

Cross Section  
Set Name: PCA1  
Alignment  
Name: PCA1  
Input Grid  
Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

| Baseli<br>ne<br>Station | ----- Station Quantities ----- |      |        |              |                  |       |            |              | Mass<br>Ordina<br>te |
|-------------------------|--------------------------------|------|--------|--------------|------------------|-------|------------|--------------|----------------------|
|                         | ----- Cut -----                |      |        |              | ----- Fill ----- |       |            |              |                      |
|                         | Fact<br>or                     | Area | Volume | Adjust<br>ed | Fact<br>or       | Area  | Volu<br>me | Adjust<br>ed |                      |
| 20100                   | 1                              | 0.4  | 0      | 0            | 1                | 640   | 0          | 0            | 0                    |
| 20120                   | 1                              | 0    | 0.2    | 0.2          | 1                | 505.8 | 424.4      | 424.4        | -424.2               |
| 20150                   | 1                              | 0    | 0      | 0            | 1                | 440.5 | 525.7      | 525.7        | -949.9               |

## GRADING REPORT

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SHEET 2 OF 4

CHECKED BY: Andy Pinkley

STATE NO.: 36ACOU-S3-002

FEDERAL PROJECT NO:

PIN: 133333.01

ROUTE NO. OR STREET: PCA1 &amp; 3

COUNTY: Hardin

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| 20200    | 1 | 0      | 0      | 0      | 1 | 1859.4 | 2129.5 | 2129.5 | 3079.5  |
| 20250    | 1 | 0      | 0      | 0      | 1 | 1770.2 | 3360.7 | 3360.7 | 6440.2  |
| 20300    | 1 | 0      | 0      | 0      | 1 | 1299.4 | 2842.2 | 2842.2 | 9282.4  |
| 20350    | 1 | 0      | 0      | 0      | 1 | 625    | 1781.8 | 1781.8 | 11064.2 |
| 20400    | 1 | 0      | 0      | 0      | 1 | 280.4  | 838.3  | 838.3  | 11902.6 |
| 20450    | 1 | 0      | 0      | 0      | 1 | 189.2  | 434.8  | 434.8  | 12337.4 |
| 20500    | 1 | 9.8    | 9      | 9      | 1 | 66.3   | 236.5  | 236.5  | 12564.9 |
| 20550    | 1 | 37.1   | 43.4   | 43.4   | 1 | 20.8   | 80.6   | 80.6   | 12602.1 |
| 20600    | 1 | 65.1   | 94.7   | 94.7   | 1 | 10.5   | 29     | 29     | 12536.4 |
| 20650    | 1 | 111.7  | 163.7  | 163.7  | 1 | 0.7    | 10.4   | 10.4   | -12383  |
| 20700    | 1 | 393.2  | 467.5  | 467.5  | 1 | 0      | 0.6    | 0.6    | 11916.2 |
| 20750    | 1 | 767.4  | 1074.6 | 1074.6 | 1 | 0      | 0      | 0      | 10841.6 |
| 20800    | 1 | 1234.5 | 1853.7 | 1853.7 | 1 | 0      | 0      | 0      | 8987.9  |
| 20850    | 1 | 1610.8 | 2634.6 | 2634.6 | 1 | 0      | 0      | 0      | 6353.3  |
| 20900    | 1 | 1729.6 | 3093   | 3093   | 1 | 0      | 0      | 0      | 3260.3  |
| 20946.38 | 1 | 1694.5 | 2941   | 2941   | 1 | 0      | 0      | 0      | -319.3  |
| 20950    | 1 | 1677.3 | 226    | 226    | 1 | 0      | 0      | 0      | -93.3   |
| 20951.52 | 1 | 1675.8 | 312.4  | 312.4  | 1 | 0      | 0      | 0      | 0       |
| 21000    | 1 | 1627.9 | 3060.4 | 3060.4 | 1 | 0      | 0      | 0      | 2967.1  |
| 21050    | 1 | 1219   | 2636.1 | 2636.1 | 1 | 0.3    | 0.3    | 0.3    | 5602.8  |
| 21058    | 1 | 1145.7 | 350.3  | 350.3  | 1 | 6.4    | 1      | 1      | 5952.2  |
| 21075    | 1 | 888.5  | 640.4  | 640.4  | 1 | 18.4   | 7.8    | 7.8    | 6584.8  |
| 21100    | 1 | 1180.7 | 958    | 958    | 1 | 0      | 8.5    | 8.5    | 7534.2  |
| 21123    | 1 | 1648.7 | 1205.1 | 1205.1 | 1 | 0      | 0      | 0      | 8739.3  |
| 21150    | 1 | 2142.5 | 1895.6 | 1895.6 | 1 | 0      | 0      | 0      | 10634.9 |

GRADING REPORT

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FEDERAL PROJECT NO:  
ROUTE NO. OR STREET: PCA1 & 3

SHEET 3 OF 4  
STATE NO.: 36ACOU-S3-002  
PIN: 133333.01  
COUNTY: Hardin

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|--------------|---|-----------|--------|--------|---|---|---------|---------|---------|-------------------|
| 21175        | 1 | 2613.1    | 2201.6 | 2201.6 | 1 | 0 | 0       | 0       | 12836.5 |                   |
| 21200        | 1 | 3087.5    | 2639.2 | 2639.2 | 1 | 0 | 0       | 0       | 15475.7 |                   |
| 21250        | 1 | 3908.3    | 6477.6 | 6477.6 | 1 | 0 | 0       | 0       | 21953.3 |                   |
| 21281        | 1 | 2382.7    | 3611.5 | 3611.5 | 1 | 0 | 0       | 0       | 25564.7 |                   |
| 21300        | 1 | 2187.1305 | 1607.9 | 1607.9 | 1 | 0 | 0       | 0       | 27172.6 |                   |
| 21325        | 1 | 7         | 1617   | 1617   | 1 | 0 | 0       | 0       | 28789.5 |                   |
| 21350        | 1 | 589.7     | 877.5  | 877.5  | 1 | 0 | 0       | 0       | 29667   |                   |
| 21380        | 1 | 85.4      | 375.1  | 375.1  | 1 | 0 | 0       | 0       | 30042.1 |                   |
| 21400        | 1 | 14.5      | 37     | 37     | 1 | 0 | 0       | 0       | 30079.2 | Independent Ditch |
| 21409.82     | 1 | 8.3       | 4.2    | 4.2    | 1 | 0 | 0       | 0       | 30083.3 | Independent Ditch |
| 21431.33     | 1 | 0         | 3.3    | 3.3    | 1 | 0 | 0       | 0       | 30086.6 | Independent Ditch |
| 21450        | 1 | 0         | 0      | 0      | 1 | 0 | 0       | 0       | 30086.6 | Independent Ditch |
| Grand Total: |   |           | 42799  | 42799  |   |   | 12712.3 | 12712.3 |         |                   |

Independent Ditch

Independent Ditch Sta 20946.38 to 210+58

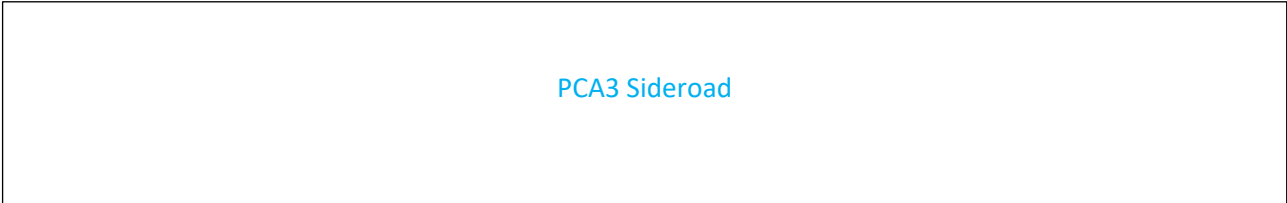
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| Station Quantities |       |  |  |  |  |  |  |  |  |
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GRADING REPORT

COMPUTED BY: Colton Baker  
CHECKED BY: Andy Pinkley  
FEDERAL PROJECT NO:  
ROUTE NO. OR STREET: PCA1 & 3

SHEET 4 OF 4  
STATE NO.: 36ACOU-S3-002  
PIN: 133333.01  
COUNTY: Hardin

|                                                      |       |       |
|------------------------------------------------------|-------|-------|
| 0                                                    | 0     |       |
| 25                                                   | 185   | 85.6  |
| 50                                                   | 127.8 | 144.8 |
| 75                                                   | 7.72  | 62.7  |
| 100                                                  | 38.6  | 21.4  |
| 125                                                  | 7.48  | 21.3  |
| 148.21                                               | 0     | 3.5   |
|                                                      |       | 339.4 |
| end areas measured in CADD along ditch template drop |       |       |



End Area Volume Report

Report Created: Wednesday, April 8, 2026  
Time: 7:59:27 AM

**Cross Section Set**  
**Name:** PCA 3 SIDE ROAD  
**Alignment Name:** PCA3  
**Input Grid Factor:** **Note:** All units in this report are in feet, square feet and cubic yards unless specified otherwise.

| Baseline<br>Station | ----- Station Quantities ----- |        |         |          |                  |      |        |          | Mass<br>Ordinate |
|---------------------|--------------------------------|--------|---------|----------|------------------|------|--------|----------|------------------|
|                     | ----- Cut -----                |        |         |          | ----- Fill ----- |      |        |          |                  |
|                     | Factor                         | Area   | Volume  | Adjusted | Factor           | Area | Volume | Adjusted |                  |
| 40000               | 1                              | 0      | 0       | 0        | 1                | 0    | 0      | 0        | 0                |
| 40050               | 1                              | 2087.9 | 1933.2  | 1933.2   | 1                | 0    | 0      | 0        | 1933.2           |
| 40100               | 1                              | 3483.9 | 5159.1  | 5159.1   | 1                | 0    | 0      | 0        | 7092.3           |
| 40150               | 1                              | 3208.9 | 6197    | 6197     | 1                | 0    | 0      | 0        | 13289.3          |
| 40200               | 1                              | 1374.2 | 4243.6  | 4243.6   | 1                | 0    | 0      | 0        | 17532.9          |
| 40242.6             | 1                              | 5.7    | 1088.6  | 1088.6   | 1                | 0    | 0      | 0        | 18621.5          |
| 40250               | 1                              | 0      | 0.8     | 0.8      | 1                | 0    | 0      | 0        | 18622.2          |
|                     |                                |        |         |          |                  |      |        |          |                  |
| Grand Total:        |                                |        | 18622.2 | 18622.2  |                  |      | 0      | 0        |                  |