



**PRECAST WALL TYPE C
DRILLED SHAFT LOCATIONS**

| Point | Station** | Offset** |
|-------|------------|------------|
| D1 | 3700+64.33 | 93.60' LT |
| D2 | 3700+62.14 | 94.19' LT |
| D3 | 3700+59.98 | 94.86' LT |
| D4 | 3700+57.85 | 95.62' LT |
| D5 | 3700+55.74 | 96.46' LT |
| D6 | 3700+53.68 | 97.39' LT |
| D7 | 3700+51.65 | 98.40' LT |
| D8 | 3700+49.67 | 99.49' LT |
| D9 | 3700+47.73 | 100.66' LT |
| D10 | 3700+45.84 | 101.90' LT |
| D11 | 3700+44.00 | 103.22' LT |
| D12 | 3700+42.22 | 104.62' LT |
| D13 | 3700+40.79 | 105.82' LT |
| D14 | 3700+39.44 | 107.03' LT |
| D15 | 3700+36.89 | 109.56' LT |
| D16 | 3700+35.68 | 110.88' LT |
| D17 | 3700+34.21 | 112.60' LT |
| D18 | 3700+32.81 | 114.38' LT |
| D19 | 3700+31.49 | 116.22' LT |
| D20 | 3700+31.62 | 118.78' LT |
| D21 | 3700+33.60 | 120.42' LT |
| D22 | 3700+35.87 | 120.45' LT |
| D23 | 3700+38.13 | 120.39' LT |
| D24 | 3700+40.39 | 120.24' LT |
| D25 | 3700+42.64 | 119.99' LT |
| D26 | 3700+44.88 | 119.66' LT |
| D27 | 3700+47.10 | 119.24' LT |
| D28 | 3700+49.30 | 118.73' LT |
| D29 | 3700+51.48 | 118.13' LT |
| D30 | 3700+53.64 | 117.44' LT |
| D31 | 3700+55.78 | 116.67' LT |
| D32 | 3700+57.87 | 115.81' LT |
| D33 | 3700+59.93 | 114.86' LT |
| D34 | 3700+61.84 | 113.85' LT |
| D35 | 3700+63.44 | 112.53' LT |
| D36 | 3700+64.67 | 110.93' LT |
| D37 | 3700+66.41 | 107.11' LT |
| D38 | 3700+67.27 | 104.79' LT |
| D39 | 3700+67.97 | 102.64' LT |
| D40 | 3700+68.58 | 100.46' LT |
| D41 | 3700+69.10 | 98.25' LT |
| D42 | 3700+69.54 | 96.03' LT |
| D43 | 3700+68.55 | 94.04' LT |
| D44 | 3700+66.54 | 93.11' LT |

** Stations and Offsets are taken at the center of the drilled shafts.

PRECAST WALL TYPE C DIMENSIONS

| Point | Station*** | Offset*** | A |
|-------|------------|------------|-----------|
| P1 | 3700+65.65 | 94.32' LT | 2'-4" |
| P2 | 3700+62.42 | 95.15' LT | 2'-4" |
| P3 | 3700+59.24 | 96.17' LT | 2'-4" |
| P4 | 3700+56.13 | 97.38' LT | 2'-4" |
| P5 | 3700+53.11 | 98.78' LT | 2'-4" |
| P6 | 3700+50.17 | 100.35' LT | 2'-4" |
| P7 | 3700+47.33 | 102.10' LT | 2'-4" |
| P8 | 3700+44.60 | 104.02' LT | 2'-4" |
| P9 | 3700+41.99 | 106.10' LT | 2'-4" |
| P10 | 3700+39.52 | 108.34' LT | 2'-4" |
| P11 | 3700+37.18 | 110.72' LT | 2'-4" |
| P12 | 3700+34.99 | 113.23' LT | 2'-4" |
| P13 | 3700+32.95 | 115.88' LT | 2'-4" |
| P14 | 3700+32.51 | 118.34' LT | 2'-2 3/4" |
| P15 | 3700+34.75 | 119.45' LT | 8 1/2" |
| P16 | 3700+38.08 | 119.39' LT | 8 1/2" |
| P17 | 3700+41.41 | 119.13' LT | 8 1/2" |
| P18 | 3700+44.71 | 118.68' LT | 8 1/2" |
| P19 | 3700+47.97 | 118.02' LT | 8 1/2" |
| P20 | 3700+51.21 | 117.17' LT | 8 1/2" |
| P21 | 3700+54.38 | 116.12' LT | 8 1/2" |
| P22 | 3700+57.47 | 114.89' LT | 8 1/2" |
| P23 | 3700+60.49 | 113.47' LT | 8 1/2" |
| P24 | 3700+62.70 | 111.85' LT | 8 1/2" |
| P25 | 3700+64.25 | 109.61' LT | 8 1/2" |
| P26 | 3700+65.56 | 106.54' LT | 8 1/2" |
| P27 | 3700+66.68 | 103.40' LT | 8 1/2" |
| P28 | 3700+67.61 | 100.20' LT | 8 1/2" |
| P29 | 3700+68.35 | 96.94' LT | 8 1/2" |
| P30 | 3700+67.85 | 94.75' LT | 1'-8 1/2" |

*** Stations and Offsets are taken at the B.F. of wall at base.

BILL OF MATERIAL

| Item | Unit | Total Quantity |
|------------------------------------|---------|----------------|
| Drilled Shaft Concrete Foundations | Cu. Yd. | 3.8 |
| Precast Wall Type C | Foot | 110 |

* Length is measured along F.F. of wall at base.

Notes:
 Contractor is responsible for verifying structural integrity of reinforcement.
 Rubbed Finish shall be applied to F.F. and top of wall. Cost included with Precast Wall Type C.
 Stations and offsets are taken along the Peoria Street centerline.
 Skate deterrents shall be spaced at ±2'-0" centers. See Detail B on sheet 5 of 7. Cost included with Precast Wall Type C.
 For expansion joint detail, see sheet 4 of 7.
 The holes for the drilled shafts shall not be drilled next to each other to avoid collapsing holes.
 Precast units to match slope of existing sidewalk. Top of Drilled Shaft Concrete Foundations to maintain a consistent grade change from existing sidewalk.

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| | | |
|-----------------------------|----------------|---------|
| USER NAME = BAWIort | DESIGNED WJC | REVISED |
| PLOT SCALE = 8.0000' / 1in. | CHECKED DL | REVISED |
| PLOT DATE = 8/19/2014 | DRAWN WJC | REVISED |
| | CHECKED DL/KAH | REVISED |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PRECAST WALL TYPE C DETAILS

SHEET NO. 6 OF 7 SHEETS

| | | | | |
|---------------------------|-----------|--------|--------------------|-----------|
| MUN | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2090 | 2013-0741 | COOK | 58 | 53 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 60X62 | |