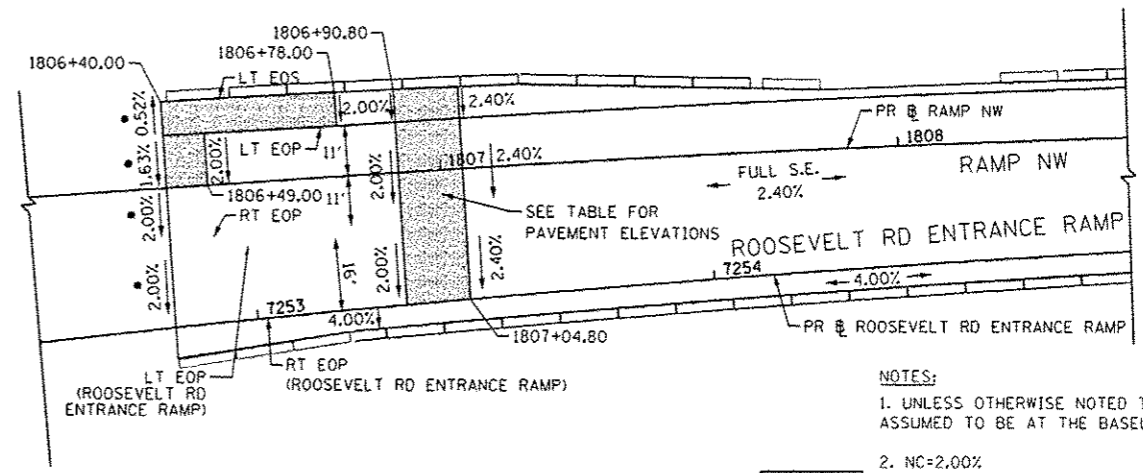


• MEET EXISTING CROSS SLOPES AND ELEVATIONS. FIELD VERIFY AND ADJUST AS NECESSARY.

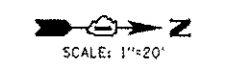
| PAVEMENT CROSS SLOPE AND ELEVATION - RAMP NW |        |        |        |        |       |        |        |        |        |              |        |        |              |        |        |      |     |        |
|--|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------------|--------|--------|--------------|--------|--------|------|-----|--------|
| STATION<br>RAMP NW                           | LT EOS |        |        | LT EOP |       |        | RT EOP |        |        | LT EOP (ROS) |        |        | RT EOP (ROS) |        |        | PGL  |     |        |
|  | O/S    | %      | ELEV.  | O/S    | %     | ELEV.  | O/S    | %      | ELEV.  | O/S          | %      | ELEV.  | O/S          | %      | ELEV.  | O/S  | %   | ELEV.  |
| 1806+40.00                                   | -18.93 | -0.52% | 575.94 | -11.51 | 1.63% | 575.98 | 11.51  | -2.00% | 575.57 | 14.56        | -2.00% | 575.50 | 30.57        | -2.00% | 575.18 | 0.00 | N/A | 575.80 |
| 1806+49.00                                   | -18.86 | 0.08%  | 575.92 | -11.39 | 2.00% | 575.92 | 11.39  | -2.00% | 575.46 | 14.24        | -2.00% | 575.40 | 30.24        | -2.00% | 575.08 | 0.00 | N/A | 575.69 |
| 1806+50.00                                   | -18.85 | 0.14%  | 575.92 | -11.37 | 2.00% | 575.90 | 11.37  | -2.00% | 575.45 | 14.20        | -2.00% | 575.39 | 30.21        | -2.00% | 575.07 | 0.00 | N/A | 575.68 |
| 1806+60.00                                   | -18.74 | 0.81%  | 575.84 | -11.23 | 2.00% | 575.78 | 11.23  | -2.00% | 575.33 | 13.87        | -2.00% | 575.28 | 29.88        | -2.00% | 574.96 | 0.00 | N/A | 575.56 |
| 1806+70.00                                   | -18.60 | 1.47%  | 575.77 | -11.09 | 2.00% | 575.66 | 11.09  | -2.00% | 575.21 | 13.58        | -2.00% | 575.16 | 29.58        | -2.00% | 574.84 | 0.00 | N/A | 575.44 |
| 1806+78.00                                   | -18.46 | 2.00%  | 575.71 | -11.00 | 2.00% | 575.56 | 11.00  | -2.00% | 575.12 | 13.36        | -2.00% | 575.07 | 29.37        | -2.00% | 574.75 | 0.00 | N/A | 575.34 |
| 1806+80.00                                   | -18.43 | 2.00%  | 575.68 | -11.00 | 2.00% | 575.53 | 11.00  | -2.00% | 575.09 | 13.31        | -2.00% | 575.04 | 29.32        | -2.00% | 574.72 | 0.00 | N/A | 575.31 |
| 1806+90.80                                   | -18.24 | 2.00%  | 575.54 | -11.00 | 2.00% | 575.39 | 11.00  | -2.00% | 574.95 | 13.03        | -2.00% | 574.91 | 29.04        | -2.00% | 574.59 | 0.00 | N/A | 575.17 |
| 1807+00.00                                   | -18.07 | 2.26%  | 575.47 | -11.00 | 2.26% | 575.31 | 11.00  | -2.26% | 574.81 | 12.79        | -2.26% | 574.77 | 28.80        | -2.26% | 574.41 | 0.00 | N/A | 575.06 |
| 1807+04.80                                   | -17.98 | 2.40%  | 575.43 | -11.00 | 2.40% | 575.26 | 11.00  | -2.40% | 574.73 | 12.67        | -2.40% | 574.69 | 28.67        | -2.40% | 574.31 | 0.00 | N/A | 575.00 |



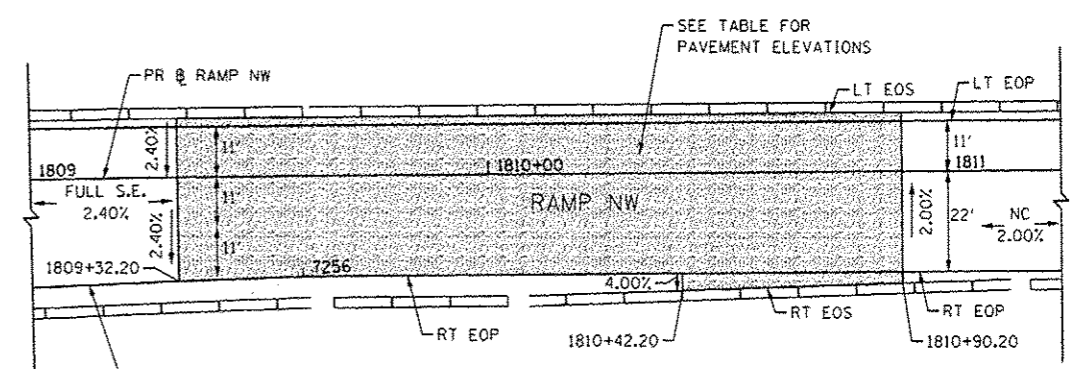
NOTES:  
1. UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE  
2. NC=2.00%

PAVEMENT CROSS SLOPE TRANSITIONS

**RAMP NW P-CIR-NW-2  
SUPERELEVATION TRANSITION FROM  
NORMAL CROWN TO FULL SE**



| PAVEMENT CROSS SLOPE AND ELEVATION - RAMP NW |        |        |        |        |        |        |        |        |        |        |        |        |      |     |        |     |   |       |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|-----|--------|-----|---|-------|
| STATION<br>RAMP NW                           | LT EOS |        |        | LT EOP |        |        | RT EOP |        |        | RT EOS |        |        | PGL  |     |        |     |   |       |
|  | O/S    | %      | ELEV.  | O/S    | %      | ELEV.  | O/S    | %      | ELEV.  | O/S    | %      | ELEV.  | O/S  | %   | ELEV.  | O/S | % | ELEV. |
| 1809+32.20                                   | -13.00 | 2.40%  | 572.08 | -11.00 | 2.40%  | 572.04 | 22.00  | -2.40% | 571.24 | N/A    | N/A    | N/A    | 0.00 | N/A | 571.77 |     |   |       |
| 1809+40.00                                   | -13.00 | 2.18%  | 571.96 | -11.00 | 2.18%  | 571.92 | 22.00  | -2.18% | 571.20 | N/A    | N/A    | N/A    | 0.00 | N/A | 571.68 |     |   |       |
| 1809+50.00                                   | -13.00 | 1.90%  | 571.82 | -11.00 | 1.90%  | 571.78 | 22.00  | -1.90% | 571.15 | N/A    | N/A    | N/A    | 0.00 | N/A | 571.57 |     |   |       |
| 1809+60.00                                   | -13.00 | 1.63%  | 571.70 | -11.00 | 1.63%  | 571.67 | 22.00  | -1.63% | 571.13 | N/A    | N/A    | N/A    | 0.00 | N/A | 571.49 |     |   |       |
| 1809+61.00                                   | -13.00 | 1.60%  | 571.69 | -11.00 | 1.60%  | 571.66 | 22.00  | -1.60% | 571.13 | 26.75  | -4.00% | 570.94 | 0.00 | N/A | 571.48 |     |   |       |
| 1809+70.00                                   | -13.00 | 1.35%  | 571.60 | -11.00 | 1.35%  | 571.57 | 22.00  | -1.35% | 571.13 | 26.75  | -4.00% | 570.94 | 0.00 | N/A | 571.42 |     |   |       |
| 1809+80.00                                   | -13.00 | 1.07%  | 571.52 | -11.00 | 1.07%  | 571.50 | 22.00  | -1.07% | 571.15 | 26.75  | -4.00% | 570.96 | 0.00 | N/A | 571.38 |     |   |       |
| 1809+90.00                                   | -13.00 | 0.79%  | 571.46 | -11.00 | 0.79%  | 571.44 | 22.00  | -0.79% | 571.18 | 26.75  | -4.00% | 570.99 | 0.00 | N/A | 571.36 |     |   |       |
| 1810+00.00                                   | -13.00 | 0.51%  | 571.42 | -11.00 | 0.51%  | 571.41 | 22.00  | -0.51% | 571.24 | 26.75  | -4.00% | 571.05 | 0.00 | N/A | 571.35 |     |   |       |
| 1810+10.00                                   | -13.00 | 0.23%  | 571.40 | -11.00 | 0.23%  | 571.40 | 22.00  | -0.23% | 571.32 | 26.72  | -4.00% | 571.13 | 0.00 | N/A | 571.37 |     |   |       |
| 1810+20.00                                   | -13.00 | -0.05% | 571.40 | -11.00 | -0.05% | 571.40 | 22.00  | 0.05%  | 571.42 | 26.46  | -4.00% | 571.24 | 0.00 | N/A | 571.41 |     |   |       |
| 1810+30.00                                   | -13.00 | -0.32% | 571.42 | -11.00 | -0.32% | 571.43 | 22.00  | 0.32%  | 571.54 | 26.20  | -4.00% | 571.37 | 0.00 | N/A | 571.47 |     |   |       |
| 1810+40.00                                   | -13.00 | -0.60% | 571.47 | -11.00 | -0.60% | 571.48 | 22.00  | 0.60%  | 571.68 | 25.93  | -4.00% | 571.52 | 0.00 | N/A | 571.54 |     |   |       |
| 1810+42.20                                   | -13.00 | -0.66% | 571.48 | -11.00 | -0.66% | 571.49 | 22.00  | 0.66%  | 571.71 | 25.88  | -4.00% | 571.55 | 0.00 | N/A | 571.56 |     |   |       |
| 1810+50.00                                   | -13.00 | -0.88% | 571.53 | -11.00 | -0.88% | 571.54 | 22.00  | 0.88%  | 571.83 | 25.67  | -3.03% | 571.72 | 0.00 | N/A | 571.64 |     |   |       |
| 1810+60.00                                   | -13.00 | -1.16% | 571.61 | -11.00 | -1.16% | 571.63 | 22.00  | 1.16%  | 572.01 | 25.41  | -1.78% | 571.95 | 0.00 | N/A | 571.76 |     |   |       |
| 1810+70.00                                   | -13.00 | -1.44% | 571.71 | -11.00 | -1.44% | 571.74 | 22.00  | 1.44%  | 572.21 | 25.15  | -0.53% | 572.20 | 0.00 | N/A | 571.90 |     |   |       |
| 1810+80.00                                   | -13.00 | -1.72% | 571.83 | -11.00 | -1.72% | 571.87 | 22.00  | 1.72%  | 572.43 | 24.89  | 0.72%  | 572.45 | 0.00 | N/A | 572.05 |     |   |       |
| 1810+90.20                                   | -13.00 | -2.00% | 571.98 | -11.00 | -2.00% | 572.02 | 22.00  | 2.00%  | 572.68 | 24.62  | 2.00%  | 572.73 | 0.00 | N/A | 572.24 |     |   |       |



NOTES:  
1. UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE  
2. NC=2.00%

PAVEMENT CROSS SLOPE TRANSITIONS

**RAMP NW CURVE P-CIR-NW-2 AND P-CIR-NW-3  
SUPERELEVATION TRANSITION FROM  
FULL SE TO NORMAL CROWN**

FILE PATH: C:\Users\alrod\OneDrive\Desktop\131313\Final Sheets\016628-Ramp-Super-Trans-Data-01.dgn



|                                     |                 |                      |
|-------------------------------------|-----------------|----------------------|
| DIGIDW28-shc-SuperTrans-Data-01.dgn | DESIGNED - KAM  | REVISED - 05/27/2014 |
| USER NAME = alizadehn               | DRAWN - NSA     | REVISED -            |
| PLOT SCALE = 40.0000' / in.         | CHECKED - KCF   | REVISED -            |
| PLOT DATE = 5/29/2014               | DATE - 04/28/14 | REVISED -            |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION DETAILS  
RAMP NW

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. TO STA.

| F.A.L. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 90/94/290                 | 2013-010R | COOK   | 747          | 75        |
| CONTRACT NO. 60W28        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |