

SUPERELEVATION TABLES

SUPERELEVATION TRANSITIONS AT CURVE PMILL-7						
LT EOP	PGL ELEV.	X-SLOPE	PR ϕ STATION	X-SLOPE	PGL ELEV.	RT EOP
752.13	752.79	-2.00% (NC)	577+33.97	-2.00% (NC)	752.79	752.35
751.04	751.66	-2.00% (NC)	577+78.97	0.00% (ZG)	751.66	751.66
749.97	750.55	-2.00% (NC)	578+23.30	2.00% (RC)	750.55	751.03
748.72	749.43	-2.67% (SE)	578+67.97 (PC)	2.67% (SE)	749.43	750.13
747.33	748.31	-4.00% (SE)	579+12.97	4.00% (SE)	748.31	749.82
741.17	742.05	-4.00% (SE)	583+83.53	4.00% (SE)	742.05	742.93
741.69	742.28	-2.67% (SE)	584+28.53 (PT)	2.67% (SE)	742.28	742.87
742.06	742.50	-2.00% (NC)	584+73.20	2.00% (RC)	742.50	742.94
742.28	742.72	-2.00% (NC)	585+17.53	0.00% (ZG)	742.72	742.72
742.96	743.40	-2.00% (NC)	585+62.53	-2.00% (NC)	743.40	742.96

SUPERELEVATION TRANSITIONS AT CURVE PMILL-8						
LT EOP	PGL ELEV.	X-SLOPE	PR ϕ STATION	X-SLOPE	PGL ELEV.	RT EOP
742.22	742.66	-2.00% (NC)	585+04.53	-2.00% (NC)	742.66	742.22
742.88	742.88	0.00% (ZG)	585+49.53	-2.00% (NC)	742.88	742.44
743.54	743.10	2.00% (RC)	585+93.86	-2.00% (NC)	743.10	742.66
743.90	743.31	2.67% (SE)	586+38.53 (PC)	-2.67% (SE)	743.31	742.72
744.32	743.44	4.00% (SE)	586+83.53	-4.00% (SE)	743.44	742.56
746.76	745.60	4.00% (SE)	592+83.83	-4.00% (SE)	745.60	744.72
747.59	746.88	2.67% (SE)	593+28.33 (PT)	-2.67% (SE)	746.88	746.29
748.90	748.36	2.00% (RC)	593+73.50	-2.00% (NC)	748.36	747.89
749.13	748.70	1.56% **	593+83.25	-1.56% **	748.70	748.33
750.02	750.02	0.00% (ZG)	594+17.83	-2.00% (NC)	750.02	749.51
751.27	751.82	-2.00% (NC)	594+62.83	-2.00% (NC)	751.82	751.28

- PROJECTED ELEVATION AT PROPOSED INTERSECTION
- STATION SUPERELEVATED FROM BRIDGE TRANSITION

SUPERELEVATION TRANSITIONS AT BRIDGE TRANSITION						
LT CROWN	PGL ELEV.	X-SLOPE	PR ϕ STATION	X-SLOPE	PGL ELEV.	RT CROWN
747.95	747.73	2.00% (RC)	593+55.21	-2.00% (NC)	747.73	747.51
749.28	749.45	-1.56% (SE)	594+03.21	-1.56% (SE)	749.45	749.28
751.13	751.35	-2.00% (NC)	594+51.21	-2.00% (NC)	751.35	751.13
751.22	751.44	-2.00% (NC)	601+10.94	-2.00% (NC)	751.44	751.22
749.65	749.82	-1.56% (SE)	601+58.94	-1.56% (SE)	749.82	749.65
748.25	748.47	-2.00% (NC)	602+06.94	-2.00% (NC)	748.47	748.25

SUPERELEVATION TRANSITIONS AT CURVE PRIVER-2						
LT EOP	PGL ELEV.	X-SLOPE	PR ϕ STATION	X-SLOPE	PGL ELEV.	RT EOP
754.49	754.82	-2.00% (NC)	21+10.47	-2.00% (NC)	754.82	754.51
754.97	754.97	0.00% (ZG)	21+55.47	-2.00% (NC)	754.97	754.64
755.32	754.98	2.00% (RC)	22+00.47	-2.00% (NC)	754.98	754.64
755.30	754.96	2.00% (SE)	22+15.47 (PC)	-2.00% (SE)	754.96	754.62
755.38	754.87	3.00% (SE)	22+45.47	-3.00% (SE)	754.87	754.36
746.10	745.51	3.00% (SE)	26+07.53	-3.00% (SE)	745.51	745.00
749.43	748.89	2.00% (SE)	26+37.53 (PT)	-2.00% (NC)	748.89	748.55
749.17	748.61	2.00% (RC)	26+52.53	-2.00% (NC)	748.61	748.27
747.87	747.87	0.00% (ZG)	26+97.53	-2.00% (NC)	747.87	747.53
746.75	747.31	-2.00% (NC)	27+42.53	-2.00% (NC)	747.31	746.97

- PROJECTED ELEVATION AT PROPOSED INTERSECTION

COMPANY NAME: HRGreen
 PROJECT CONTRACT: 090071-19-06-001
 DATE PLOTTED: 7/23/2012 11:23:41 AM
 FILE NAME: 090071-19-06.dgn
 PLOT DRIVER: pldrvr
 PEN TABLE: standard-frans.tbl



USER NAME = jettans	DESIGNED = JPA	REVISED =
FILE NAME = 090071-19-06.dgn	DRAWN = SVJ	REVISED =
PLOT SCALE = N.T.S.	CHECKED = JLP	REVISED =
PLOT DATE = 7/23/2012	DATE = 7/23/12	REVISED =

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	