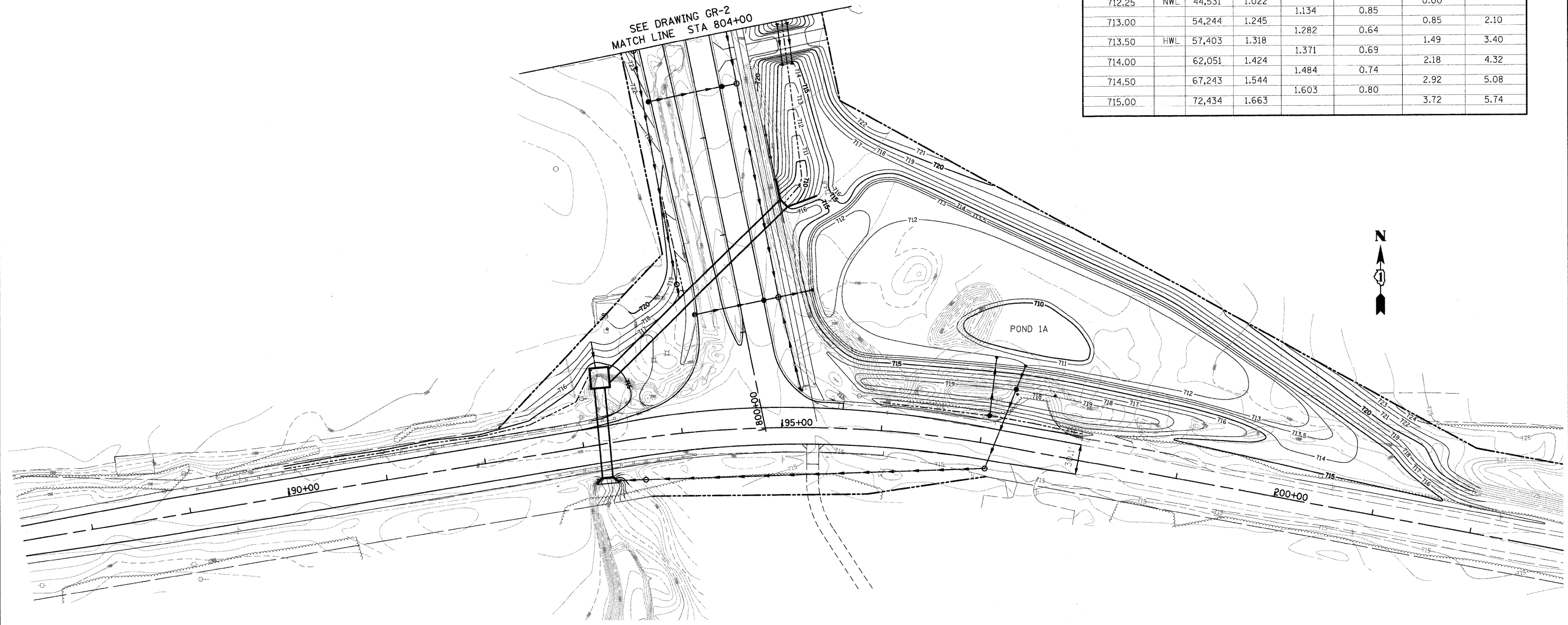


| | | | | |
|----------|-----------------------------|-----------------------|--------|----|
| POND: | MCLEAN BLVD BASIN - POND 1A | CENTERLINE ELEVATION: | 712.69 | FT |
| JOB NO.: | 07-1002 | ORIFICE RADIUS: | 0.5 | FT |
| PROJECT: | STEARNS RD. | ORIFICE COEFF: | 0.6 | |
| DATE: | 9/18/2008 | WEIR 2 ELEVATION: | 714.5 | FT |
| | | LENGTH OF WEIR: | 10 | FT |
| | | WEIR COEFF: | 3 | |

| ELEVATION (FT) | | AREA | | AVERAGE AREA (AC) | INCREMENTAL STORAGE (AC-FT) | CUMULATIVE STORAGE (AC-FT) | ORIFICE DISCHARGE (CFS) |
|----------------|-----|---------|-------|-------------------|-----------------------------|----------------------------|-------------------------|
| | | (SQ FT) | (AC) | | | | |
| 712.25 | NWL | 44,531 | 1.022 | 1.134 | 0.85 | 0.00 | |
| 713.00 | | 54,244 | 1.245 | 1.282 | 0.64 | 0.85 | 2.10 |
| 713.50 | HWL | 57,403 | 1.318 | 1.371 | 0.69 | 1.49 | 3.40 |
| 714.00 | | 62,051 | 1.424 | 1.484 | 0.74 | 2.18 | 4.32 |
| 714.50 | | 67,243 | 1.544 | 1.603 | 0.80 | 2.92 | 5.08 |
| 715.00 | | 72,434 | 1.663 | | | 3.72 | 5.74 |



| | | | | | | | | | | |
|---|-----------------------|-----------------------|------------------------|---|--|----------------------------------|---|--------------------|------------------|--------------|
| FILE NAME = I:\Dgn\Civil\Sheet\gr001.dgn | USER NAME = tthornton | DESIGNED - DRAWN - | REVISED - REVISED - | KANE COUNTY DIVISION OF TRANSPORTATION | NEW STEARNS ROAD - STAGE 2 GRADING PLAN - ILLINOIS ROUTE 31 | F.A.P. RTE. 361 | SECTION 06-00214-10-BR | COUNTY KANE | TOTAL SHEETS 219 | SHEET NO. 58 |
| PLOT SCALE = 1:50.0001 | CHECKED - | REVISED - | SCALE: | | | SHEET NO. OF SHEETS STA. TO STA. | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | CONTRACT NO. 63073 | | |
| PLOT DATE = 3/29/2009 | DATE = 3/27/09 | REVISED - | | | | | | | | |
| | | | | | | | | | | |