



DRAINAGE LEGEND

PRC	PRECAST REINFORCED CONCRETE
FES	FLARED END SECTION
EQRS	ELLIPTICAL EQUIVALENT ROUND SIZE
CL	CLASS
T	TYPE

DRAINAGE GENERAL NOTES:

- THE CONTRACTOR SHALL COORDINATE THE PROPOSED DRAINAGE SYSTEM CONSTRUCTION WITH ALL OTHER UTILITY ADJUSTMENTS AND INSTALLATIONS AS APPROVED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN CONSTRUCTION OF THE PROPOSED DRAINAGE SYSTEM.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT CONTRACTORS EXPENSE. THIS WORK SHALL MEET THE SATISFACTION OF THE ENGINEER.
- ROADWAY AND DITCH PROFILES ARE SHOWN ON PROFILE SHEETS.
- SEE BOX CULVERT PLANS FOR DETAILS OF BOX CULVERTS.
- LATERAL DISTANCES FROM THE CENTERLINES/BASELINES ON ALL INLETS IN A CURB LINE ARE AT THE EDGE OF PAVEMENT. LATERAL DISTANCES FROM THE CENTERLINES/BASELINES ON ALL INLETS OR MANHOLES ARE TO THE CENTER OF L.I.D.
- ALL CULVERT PIPES UNDER DRIVEWAYS SHALL MATCH FLOW LINES OF DITCH.
- ALL PIPE UNDERDRAIN HEADWALLS INSTALLED PER STANDARD 601001.
- ALL CORRUGATED METAL PIPE (CMP) REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION.
- ALL RIPRAP DIMENSIONS AND CLASS SHOWN ON EROSION CONTROL PLANS.

- (A) +81.45, 98.44 RT, GRATE 714.05
- (B) +01.92, 97.25 RT, INV 712.94
INLET BOX STD. 542531
- (C) +98.45, 97.25 RT, INV 706.50
PRC FES, 24"
- (D) +50.86, 97.25 RT, INV 706.50
PRC FES, 24"
- (E) +98.08, 97.25 RT, INV 712.02
INLET BOX STD. 542531
- (F) +18.58, 97.25 RT, GRATE 713.13

FOR BRIDGE AND APPROACH SLAB DRAINAGE INFORMATION SEE BRIDGE GENERAL PLAN.

SW WET BASIN

DATA POINT	FR C STA.	OFFSET, RT
A1	160+66.54	111.83
A2	160+68.45	102.21
A3	161+31.67	102.21
A4	162+87.38	102.96
A5	163+40.12	102.96
A6	163+50.12	112.96
A7	163+50.12	146.85
A8	163+40.45	156.85
A9	160+86.43	120.06
B1	159+06.16	116.45
B2	158+88.90	79.06
B3	159+00.76	52.35
B4	159+26.27	38.13
B5	161+31.67	38.13
B6	162+82.76	38.88
B7	163+62.89	38.88
B8	164+12.89	88.88
B9	164+12.89	160.53
B10	163+54.84	220.49
B11	160+61.29	179.01
B12	159+68.78	140.74

NW WET BASIN

DATA POINT	FR C STA.	OFFSET, RT
C1	166+08.50	151.46
C2	165+70.74	113.32
C3	165+70.09	98.84
C4	165+84.72	83.17
C5	166+05.32	84.83
C6	166+52.85	93.67
C7	166+71.13	95.36
C8	167+08.58	95.36
C9	169+29.36	95.36
C10	169+68.81	95.36
C11	169+72.31	114.73
C12	168+87.58	141.28
D1	165+63.64	213.44
D2	165+07.00	156.23
D3	165+03.26	73.18
D4	165+33.34	41.83
D5	165+88.80	42.02
D6	166+13.75	40.54
D7	166+55.49	35.44
D8	169+25.29	31.00
D9	171+45.03	31.00

NW WET BASIN

DATA POINT	FR C STA.	OFFSET, RT
D10	173+15.96	51.12
D11	173+31.66	52.87
D12	174+66.54	51.85
D13	174+76.54	61.85
D14	174+76.54	67.00
D15	174+66.54	77.00
D16	173+15.44	76.85
D17	169+29.53	199.42

FOR WET BASIN DATA POINT LOCATION, SEE DRAINAGE PLAN 6 FOR DETAILS.

1 Revised 6/1/2011, GC

USER NAME = czyszog	DESIGNED STS/GC	REVISED -
PLOT SCALE = 50.0000 FT / IN.	DRAWN RDT	REVISED -
PLOT DATE = 6/1/2011	CHECKED GC	REVISED -
	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2
DRAINAGE PLAN 5
STA 741+50 TO 756+50
SCALE: 1"=50' SHEET NO. 194 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 194
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 64813		