F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112R-N	McHENRY	266	94
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62537

IL. RTE. 31

IL. RTE. 176

1220+00

300+00

1120+00

STONE DUMPED RIP RAP, 15 SQ YD

STONE DUMPED RIP RAP, 17 SQ YD

STONE DUMPED RIP RAP, 30 SQ YD

INV. 873.00

INV. 873.00

INV. 873.00

INV. 871.00

1.5%

RIM = 870.00

RIM = 870.00

TERRA COTTA AVENUE

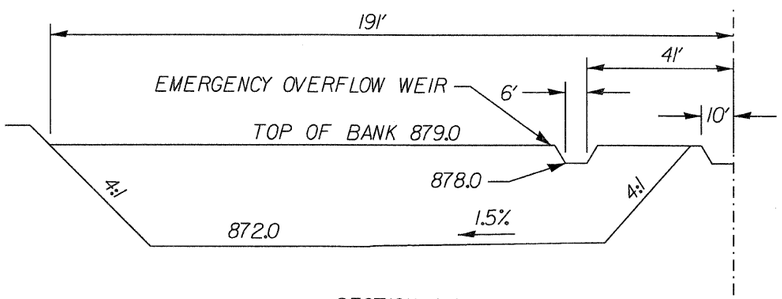
NWL=871.0
HWL=876.5
STORAGE VOLUME=2.76 Ac-Ft

22 IN. RESTRICTOR
INV=870.88

EMERGENCY OVERFLOW WEIR

STONE DUMPED RIP RAP, 14 SQ YD

Water Surface Elevation	Detention Basin Storage Volume (AC-FT)
873	0.3850
874	0.9548
875	1.6081
876	2.3482
877	3.1782
878	4.1011
879	5.1197



SECTION A-A

PLAN
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
NOTE BOOK
NO.
STRUCTURE NO(S)/FNS CHKD

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.U. ROUTE 336
IL RTE 31 AND IL RTE 176

DETENTION BASIN

0 20' 40'
1" = 20'

DATE: 02/10/2012
DRAWN BY: SMP
CHECKED BY: BDH