F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	154A
STA. 432+83.12	TO STA. 470+56.84			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B01

UNDERDRAIN SCHEDULE

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
117+33.07 - 116+10.00	30.00 RT - 30.00 RT	123.1	127	1.0
116+10.00 - 114+00.00	30.00 RT - 20.40 RT	210.0	46	70.5
119+45.94 - 120+94.00	22.80 RT - 17.86 RT	148.1	128	1.0
120+94.00 - 123+11.00	17.86 RT - 10.63 RT	217.0	42	1.0
123+11.00 - 124+09.71	10.63 RT - 10.00 RT	98.7	45	45.5
201+11.12 - 202+19.00	26.52 RT - 23.44 RT	107.9	225	1.0
202+19.00 - 204+00.00	23.44 RT - 28.29 RT	181.0	54	61.5
198+83.26 - 197+83.00	10.00 RT - 15.23 RT	100.3	228	1.0
197+83.00 - 195+83.00	15.23 RT - 10.00 RT	200.0	52	1.0
195+83.00 - 193+81.00	10.00 RT - 10.00 RT	202.0	53	1.0
193+72.43 - 193+81.00	10.00 RT - 10.00 RT	8.6	53	1.0
458+87.81 - 458+87.81	24.50 LT - 60.50 LT	36.0	35	2.0
458+72.81 - 458+72.81	24.50 LT - 60.50 LT	36.0	36	2.0
458+87.81 - 458+87.81	41.48 RT - 18.50 LT	60.0	31	2.0
458+77.81 - 458+77.81	41.48 RT - 18.29 LT	60.0	32	2.0
460+81.50 - 461+48.00	45.58 RT - 45.58 RT	66.5	313	2.0
461+48.00 - 462+18.00	45.58 RT - 45.58 RT	70.0	314	2.0
462+18.00 - 462+88.00	45.58 RT - 45.58 RT	70.0	315	2.0
462+88.00 - 463+58.00	45.58 RT - 45.58 RT	70.0	316	2.0
463+58.00 - 464+28.00	45.58 RT - 45.58 RT	70.0	317	2.0
464+28.00 - 465+08.00	45.58 RT - 45.58 RT	80.0	318	2.0
465+08.00 - 465+88.00	45.58 RT - 44.00 RT	80.0	319	2.0
465+88.00 - 466+68.00	44.00 RT - 42.23 RT	80.0	320	2.0
466+68.00 - 467+48.00	42.23 RT - 40.45 RT	80.0	321	2.0
467+48.00 - 468+28.00	40.45 RT - 38.68 RT	80.0	322	2.0
468+28.00 - 468+57.32	36.68 RT - 38.03 RT	29.3	327	2.0
468+57.32 - 469+08.00	38.03 RT - 36.90 RT	50.7	323	2.0
469+08.00 - 469+88.00	36.90 RT - 35.13 RT	80.0	324	2.0
470+12.81 - 469+88.00	34.57 RT - 35.13 RT	24.8	324	2.0

EXISTING ABANDONED SEWER/CULVERT SCHEDULE (FILL WITH CLSM)

LOCATION	UPSTREAM STATION	OFFSET	DIA. (IN)	LENGTH (FT)	CLSM (CY)
SB EXT RAMP	116+38.12	93.52 LT	24	189	22
NB ENT RAMP	202+06.65	89.76 LT	24	190	23
IL 60	434+54.14	71.11 LT	42	155	55.3
IL 60	434+44.80	73.75 LT	12	20	0.6
IL 60	434+54.14	71.11 LT	36	17	4.5
IL 60	435+12.40	55.33 LT	12	24	0.7
IL 60	435+04.24	71.05 LT	29X45	50	13.7
IL 60	436+40.70	55.31 LT	12	29	0.8
IL 60	437+59.94	53.83 LT	12	35	1.0
IL 60	438+85.18	45.14 LT	12	28	0.8
IL 60	441+00.81	33.60 LT	12	74	2.2
IL 60	436+30.84	43.00 RT	12	23	0.7
IL 60	437+57.46	43.36 RT	12	28	0.8
IL 60	438+81.34	43.57 RT	12	43	1.3
IL 60	441+15.65	32.85 RT	12	23	0.7
IL 60	450+00.68	33.15 LT	12	89	2.6
IL 60	452+00.00	80.84 LT	30	158	28.8
IL 60	453+25.27	4.20 LT	12	74	2.2
IL 60	455+58.80	11.86 LT	12	56	1.6
IL 60	457+99.42	49.97 LT	12	61	1.8
IL 60	458+57.22	50.17 LT	12	20	0.6
IL 60	449+79.00	33.50 RT	18	86	5.6
IL 60	453+22.41	31.49 RT	12	21	0.6
IL 60	455+57.73	31.02 RT	12	18	0.5
IL 60	458+01.35	31.22 RT	12	81	2.4
IL 60	458+87.94	30.92 RT	12	32	0.9
IL 60	458+55.97	30.97 RT	12	81	2.4
IL 60	462+83.37	1.38 LT	12	33	0.97
IL 60	464+86.05	2.06 LT	12	32	0.93
IL 60	472+26.25	3.82 LT	12	35	1.02

NOTES:

(1) INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.

(2) INDICATES CATCH BASIN TYPE A WITH FLAT SLAB TOP.

(3) INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."

(4) INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.

(5) FES=FLARED END SECTION, ES=END SECTION. SIZE NOTED IN SCHEDULE IS GIVEN IN INCHES.

(6) SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

(7) CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

(8) CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)

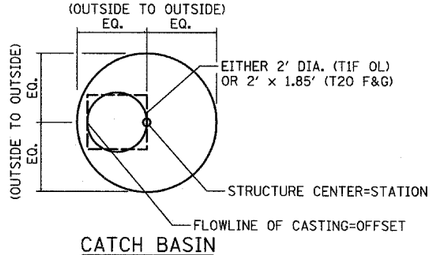
(9) FLOWLINE OF CASTING IS LOCATED AT ℄ OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.

(10) SLOPED HEAD WALLS TYPE III, ISTHA STANDARD B10-00. SIZE NOTED IN SCHEDULE IS GIVEN IN INCHES.

(11) PIPE SLOPES ARE BASED ON SLOPED PIPE DRAIN DESIGN. SEE SHEET "DRAINAGE DETALS-SHEET 4 OF 4."

(12) INDICATES REINFORCED CONCRETE END SECTION, CAST IN PLACE, IDOT STANDARD 542106-01.

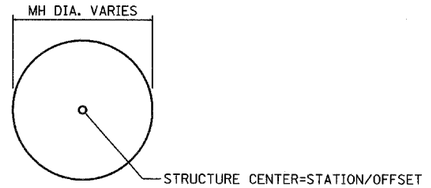
(13) INDICATES REINFORCED CONCRETE END SECTION, CAST IN PLACE, WITH PARALLEL WING WALLS IDOT STANDARD 542001.



CATCH BASIN

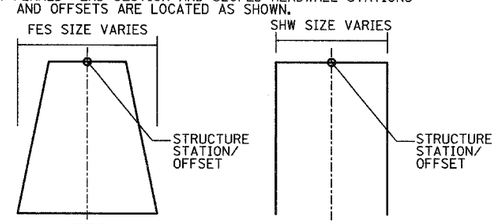
(PRECAST REINFORCED CONCRETE SECTION)

(14) MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE.



MANHOLE

(15) FLARED END SECTION AND SLOPED HEADWALL STATIONS AND OFFSETS ARE LOCATED AS SHOWN.



FES SHW

NOTES CONTINUED:

(16) CATCH BASIN, TYPE G-2, WITH A TYPE G-2 FRAME AND GRATE, ISTHA STANDARD B8-00. SIZE NOTED IN SCHEDULE IS GIVEN IN FEET-INCHES.

(17) PIPE TO PIPE CONNECTION.

✱ OR △ ALL OR A PORTION OF THIS SEWER SHALL BE OF WATER MAIN GRADE (△) OR RUBBER GASKET (✱) PER STANDARD SPECIFICATION REQUIREMENTS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

TY·LIN INTERNATIONAL

REVISIONS NAME	DATE
⚠1 ADDENDUM 1	08/31/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS RTE 60 OVER I-94

DRAINAGE SCHEDULE

EXISTING ABANDONED SEWER/CULVERT SCHEDULE AND PIPE UNDERDRAIN SCHEDULE

SCALE: NONE DRAWN BY: NSB

DATE: MAY 8, 2007 CHECKED BY: DA