STRUCT NO.	STATION	OFFSET	RIM ELEV	INV ELEV		STRUCTURE TYPE
9	14+81.80	21.76 LT	767.53	764.73 N	764.73 S	CATCH BASIN TYPE C W/TYPE 1 FRAME OPEN LID
10	14+35.57	18.00 LT	765.39	763.41 N	763.41 S	CATCH BASIN TYPE C W/TYPE 24 FRAME & GRATE
11	13+82.72	22.79 LT	764.84	761.90 N	761.90 S	CATCH BASIN TYPE C W/TYPE 1 FRAME OPEN LID
11A	12+79.87	18.00 LT	761.15	758.96 N,S	759.31 E	CATCH BASIN TYPE C W/TYPE 24 FRAME & GRATE
12	11+18.53	18.00 RT	758.53	756.41 S	756.41 W	CATCH BASIN TYPE C W/TYPE 24 FRAME & GRATE
12A	11+11.43	18.00 RT	758.54	756.54 N		CATCH BASIN TYPE C W/TYPE 1 FRAME OPEN LID
13	11+53.00	18.00 LT	758.68	756.58 W		CATCH BASIN TYPE C W/TYPE 24 FRAME & GRATE
13A	11+18.53	18.00 LT	758.53	755.70 N,S	755.96 E	CATCH BASIN TYPE C W/TYPE 1 FRAME OPEN LID
21	12+80.09	16.27 RT	761.51	757.94 N,S 758.68 E	759.51 W	CATCH BASIN TYPE A W/TYPE 4 FRAME & GRATE FLAT TOP SLAB
22	13+70.01	20.61 RT	763.71	761.46 S	761.96 N	CATCH BASIN TYPE C W/TYPE 1 FRAME OPEN LID
23	12+80.09	31.50 RT	760.50	758.80 W		INLET TYPE A W/TYPE 1 FRAME OPEN LID
24	11+53.00	27.89 LT	759.39	756.48 N,E,S		MANHOLE TYPE A 4' DIA. TYPE 1 FRAME CLOSED LID
25	12+71.57	20.32 RT	761.73	757.74 N	757.48 S	MANHOLE TYPE A 4' DIA. TYPE 1 FRAME CLOSED LID

LEGEND

- CENTERLINE AND STATIONING — 15+00
- RIGHT OF WAY LINE
- PR. DITCH/SWALE FLOW LINE
- PR. SHEET FLOW LINE
- PR. OUTLET
- PR. CULVERT SIZE-TYPE
- PR. HEADWALL/ENDWALL
- RP. LOCAL STORM LINE — 12"L
- PR. STORM SEWER LINE — 12"
- RP. SANITARY SEWER LINE
- PR. INLET
- PR. CATCH BASIN
- PR. MANHOLE
- PR. FLARED END SECTION
- PR. STORM SEWER REMOVAL

9'-12" SS-TY1 RCP @1.1%
STORM SEW WM REQ 35'-15" ~~DI WM QUALITY~~ PIPE TY1 @2.2%
48'-18" SS-TY1 RCP @1.5%
EXISTING LOCAL SEWER TO REMAIN
53'-15" STORM SEW WM REQ PIPE TY1 @2.9%
103'-15" DI WM QUALITY PIPE TY1 @2.9%
81' EXISTING 12" STORM SEWER TO BE CLEANED
127'-15" DI WM QLTY TY1 @2.0%
15' PR TEMP EASE
EX. ROW
MATCHLINE STATION 11+00
41'-12" SS-TY1 RCP @1.0%
15+00
20+00
PIPE UNDERDRAIN 6" (TYP) EXTEND 30' FROM SAG INSTALL ACROSS TIFFANY AT SAG
44'-12" SS-TY1 RCP @1.0%
15'-8" SS-TY1 RCP @0.8%
46'-15" DI WM QLTY TY1 @2.9%
SAN METER
EMP EASE
10' PR TEMP EASE
90'-12" SS-TY1 RCP @3.9%
110' EXISTING 12" STORM SEWER TO BE CLEANED
13'-12" SS-TY1 RCP @1.0%
9'-12" SS-TY1 RCP @2.2%
RECONNECT EX. SS TO PROP. MH

℄ LAKE ST STA. 11+99.83
℄ IL RTE 173 STA. 10+00.00
RT DRV ℄ STA. 13+81
RT DRV ℄ STA. 14+56
℄ LT DRV STA. 14+01
℄ LT DRV STA. 14+98
℄ RT DRV STA. 15+08
EXISTING ℄ PROFILE
PROPOSED ℄ PROFILE
+2.74%
53'-15" DI WM QUALITY PIPE TY1 @2.9% (LT)
28'-18" DI WM QUALITY PIPE TY1 @1.5% (LT)
48'-18" SS-TY1 RCP @1.5% (LT)
35'-15" DI WM QUALITY PIPE TY1 @2.2% (LT)
127'-15" DI WM QUALITY PIPE TY1 @2.0% (LT)
11A(LT) 21(RT)
INV=759.31 (LT)
INV=764.73
INV=761.90
INV=763.41
46'-15" DI WM QUALITY PIPE TY1 @2.9%
103'-15" DI WM QUALITY PIPE TY1 @2.9% (LT)
90'-12" SS-TY1 RCP (RT)
INV=758.96 (LT)
INV=757.94 (RT)
9'-12" SS-TY1 RCP @ 2.2% (RT)
INV=757.48 (RT)
INV=757.74 (RT)
INV=756.48 (RT)
INV=755.70
INV=754.98
INV=750.00
SEE IL173 DRAINAGE PLAN SHEET FOR DETAILS
EX 12" WATER
EST. DEPTH
INV=754.56
EX 12" SAN RT
EX 8" SAN LT
EX 12" SS (LT)
EX 12" SS (RT)
SAN METER
CX4 RCB
EX 48" RCP
EX 30" RCP
EX. INV=744.84
EX. INV=744.64

760.70	760.72	759.40	759.58	759.07	759.05	759.11	759.13	759.74	759.82	760.78	761.07	762.39	762.44	763.90	763.81	765.06	765.17	766.46	766.54	767.71	767.79	768.90	768.87	770.01	769.79	770.55	770.54	771.00	771.11	771.57	771.85	771.72	771.71	770.97	770.08	768.45	766.82	764.79
10+00		11+00		12+00		13+00		14+00		15+00		16+00		17+00		18+00		19+00		20+00		21+00																		

DESIGNED	- JKO	REVISED	-
DRAWN	- JKO	REVISED	-
CHECKED	- NH	REVISED	-
DATE	- 2/6/2013	REVISED	-

AEG Ltd.
3100 Dundee Road, Suite 502, Northbrook, IL 60062
847.753.8020 office 847.753.8023 fax

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 173
AT TIFFANY ROAD

SCALE: 1"=50' | SHEET NO. 2 OF 3 SHEETS | STA. 11+00.00 TO STA. 16+33.94

PLAN & PROFILE
DRAINAGE AND UTILITY PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	134-N-1	LAKE	62	23
		CONTRACT NO. 60L28		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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