(4) 299 LF 15" SS, CL B. TY 2, @ 0.50%, TBF 0 CY

(5) 32 LF 18" SS, CL A. TY 2, @ 0.46%, TBF 2.33 CY

(6) 35 LF 24" SS, CL A. TY 2, @ 1.00%, TBF 2.22 CY

(7) 8 LF 18" SS, CL A. TY 2, @ 5.00%, TBF 0 CY

26 EX. STORM CATCHBASIN
RIM: 686.67 INV: 682.57
W 18" INV: 682.57
STA: 122+54 O/S: 14.1'R

27 EX. STORM CATCHBASIN
RIM: 685.85 INV: 683.35
STA: 122+59 O/S: 17.8'L
TO BE REMOVED

28 EX. STORM CATCHBASIN
RIM: 685.83 INV: 682.43
STA: 124+18 O/S: 15.0'R

29 EX. STORM CATCHBASIN
RIM: 684.74 INV: 681.24
STA: 126+13 O/S: 15.4'R
TO BE REMOVED

30 EX. STORM CATCHBASIN
RIM: 684.61 INV: 681.43
STA: 126+09 O/S: 19.2'L
TO BE REMOVED

31 EX. STORM CATCHBASIN
RIM: 685.44 INV: 682.14
STA: 126+23 O/S: 25.1'L

32 EX. STORM CATCHBASIN
RIM: 684.92 INV: 682.82
STA: 126+64 O/S: 48.2'L

8 EXISTING SANITARY MANHOLE
RIM: 686.89 INV: 674.29
STA: 123+09 O/S: 10.7'R

9 EXISTING SANITARY MANHOLE
RIM: 685.22 INV: 672.92
STA: 126+28 O/S: 12.2'R
ADJUST RIM TO: 685.60

10 EXISTING SANITARY MANHOLE
RIM: 685.53 INV: 674.03
STA: 126+27 O/S: 55.0'L

4 EX. W/M VALVE VAULT
RIM: 686.04 T/P: 680.74
STA: 126+56 O/S: 56.9'L

7 STORM SEWER CATCHBASIN
TY 'C' 48"ø TY 8 GRATE
WITH 9" FLAT TOP
RIM: 685.85 INV: 682.72
STA: 122+59 O/S: 17.8'L

8 STORM SEWER CATCHBASIN
TY 'C' 60"ø TY 8 GRATE
WITH 9" FLAT TOP
RIM: 684.75 INV: 681.25
15" N-S INV: 681.24
STA: 126+13 O/S: 15.4'R

9 STORM SEWER CATCHBASIN
TY 'C' 60"ø TY 8 GRATE
WITH 6" FLAT TOP
RIM: 684.60 INV: 681.60
STA: 126+09 O/S: 19.2'L

10 FLARED END SECTION
18" RCP INV: 682.00
STA: 126+09 O/S: 27.2'L

(x3) STORM OVER SANITARY
B/STORM = 682.40
T/SANITARY = 675.30

(x4) STORM OVER WATER
B/STORM = 682.50
T/WATER = 681.00

(x5) STORM OVER SANITARY
B/STORM = 681.10
T/SANITARY = 673.75

(x6) STORM OVER WATER
B/STORM = 681.40
T/WATER = 679.50

(x7) STORM UNDER GASMAIN

1665 DUFFY LANE

1560 ROBIN ROAD

DRAINAGE & UTILITY PLAN LEGEND

- EXISTING SANITARY STRUCTURE
- EXISTING SANITARY SEWER
- EXISTING WATERMAIN STRUCTURE
- EXISTING WATERMAIN
- EXISTING STORM SEWER STRUCTURE
- EXISTING STORM SEWER
- PROPOSED STORM SEWER STRUCTURE
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER PIPE
- PROPOSED STORM SEWER FLARED END SECTION
- PROPOSED STORM SEWER CATCHBASIN
- PROPOSED STORM SEWER INLET
- PROPOSED UTILITY CROSSING

GRAPHIC SCALE
20 0 10 20
(IN FEET)
Horz: 1 inch = 20 ft.
Vert: 1 inch = 5 ft.

MATCH LINE STATION 121+50 (SEE SHEET 14)

MATCH LINE STATION 127+00 (SEE SHEET 16)

ROW BY PRESCRIPTION

EXISTING ROW

BUSHLINE

OVERHEAD WIRES

12" RCP

10" WM

8" GAS

8" SAN

EX. FENCE

PROPOSED 3' GRAVEL SHOULDER

DUFFY LANE

RECONSTRUCTION LIMITS
STA: 126+40 54'L
MATCH EXISTING

RECONNECT EXISTING
≥12" RCP INTO CB#11

30'R

45'R

ADJ

PLAN & PROFILE LEGEND

- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- HOT-MIX DRIVEWAY PAVEMENT, 3"
- BRICK DRIVEWAY REMOVAL & REPLACEMENT
- AGGREGATE SHOULDERS (SPECIAL)
- HOT-MIX ASPHALT SURFACE REMOVAL – BUTT JOINT
- PERIMETER EROSION BARRIER —S—

WILMOT ROAD

PGL WILMOT RD.
℄ OF EXISTING WILMOT RD.

15" ST

12" ST

700	695	690	685	680	675	670

121+60	121+80	122+00	122+20	122+40	122+60	122+80	123+00	123+20	123+40	123+60	123+80	124+00	124+20	124+40	124+60	124+80	125+00	125+20	125+40	125+60	125+80	126+00	126+20	126+40	126+60	126+80	127+00
687.32	687.21	687.15	687.11	687.08	687.09	687.09	687.13	687.19	687.24	687.25	687.26	687.24	687.19	687.13	686.96	686.80	686.56	686.28	686.03	685.89	685.74	685.74	685.79	685.83	685.77	685.65	685.47
687.53	687.42	687.36	687.32	687.29	687.29	687.30	687.34	687.39	687.45	687.46	687.47	687.44	687.40	687.33	687.17	687.01	686.77	686.49	686.24	686.10	685.95	685.94	686.00	686.04	685.98	685.85	685.68

FILE NAME = 8101-055 PR4.DWG	USER NAME = GW3	DESIGNED - DJG	REVISED - 10.14.2011
		DRAWN - GW3	REVISED - 10.28.2011
	PLOT SCALE = 1:1	CHECKED - DJG	REVISED -
	PLOT DATE = 8/24/2011	DATE - 08.24.2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN & PROFILE

SCALE: 1"=20' | SHEET NO. 15 OF 40 SHEETS | STA. 121+50 | TO STA. 127+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2718	11-00012-00-RS	LAKE	40	15
		CONTRACT #: 63646		
		ILLINOIS FED. AID PROJECT		