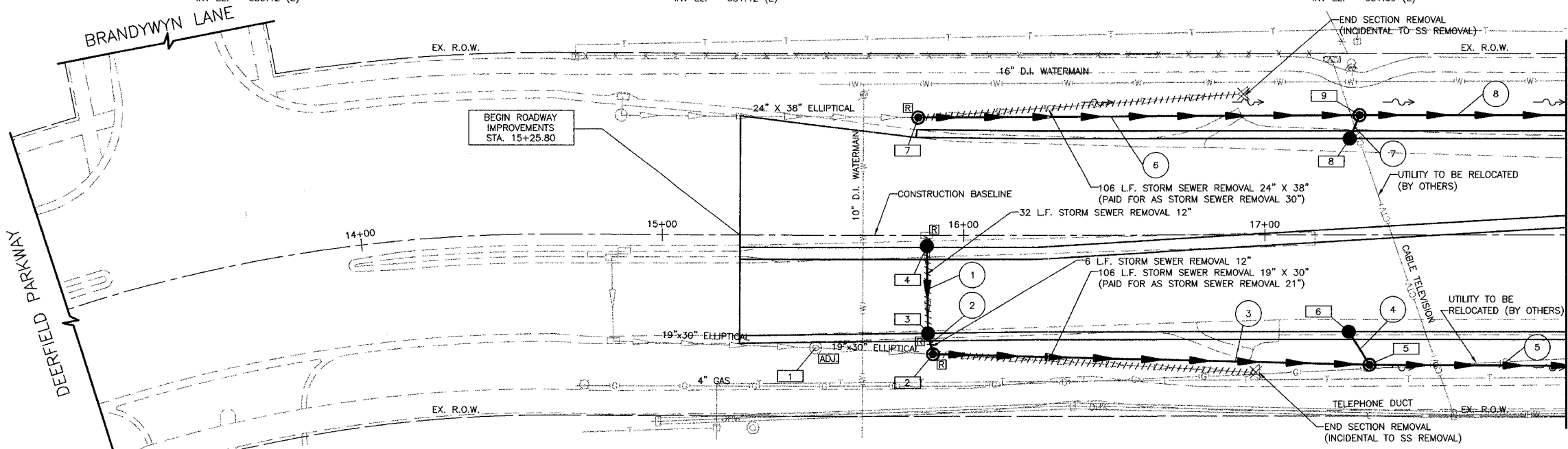


1	STA. 15+51, 37.5' RT. MH TO BE ADJUSTED RIM EL. = 690.13 EX RIM EL. = 690.43 PR	2	STA. 15+90, 39.5' RT. RD MH TY A, 5" DIA. W/ T-1F CL RIM EL. = 689.75 INV EL. = 686.32 (NW) INV EL. = 686.19 (EX. W) INV EL. = 685.42 (E)	3	STA. 15+88, 32.5' RT. RD CB TY A, 4" DIA. W/ T-24 F&G RIM EL. = 689.30 INV EL. = 686.43 (N) INV EL. = 686.33 (SE)	4	STA. 15+88, 4' RT. CB TY C W/ T-18 F&G RIM EL. = 689.82 INV EL. = 686.72 (S)	5	STA. 17+35, 43' RT. RD MH TY A, 5" DIA. W/ T-8 GRATE RIM EL. = 687.38 INV EL. = 683.42 (W) INV EL. = 683.08 (NW) INV EL. = 681.42 (E)	6	STA. 17+28, 32' RT. CB TY C W/ T-24 F&G RIM EL. = 687.17 INV EL. = 683.17 (S)	7	STA. 15+85, 39' LT. RD MH TY A, 5" DIA. W/ T-1F CL RIM EL. = 689.77 INV EL. = 685.50 (EX. W) INV EL. = 683.50 (E)	8	STA. 17+28, 32' LT. CB TY C W/ T-24 F&G RIM EL. = 687.17 INV EL. = 683.65 (NE)	9	STA. 17+31.5, 40' LT. RD MH TY A, 5" DIA. W/ T-1F CL RIM EL. = 686.49 INV EL. = 683.61 (SW) INV EL. = 681.79 (W) INV EL. = 681.69 (E)
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REF	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH	A47	LAKE	176	60
STA.	13+00	TO STA.	18+00	
03-00088-00-PP	LINE	SURFACE TRANSPORTATION FUNDING		
CONTRACT NUMBER 83807				



DRAINAGE AND UTILITY LEGEND (TYP.)

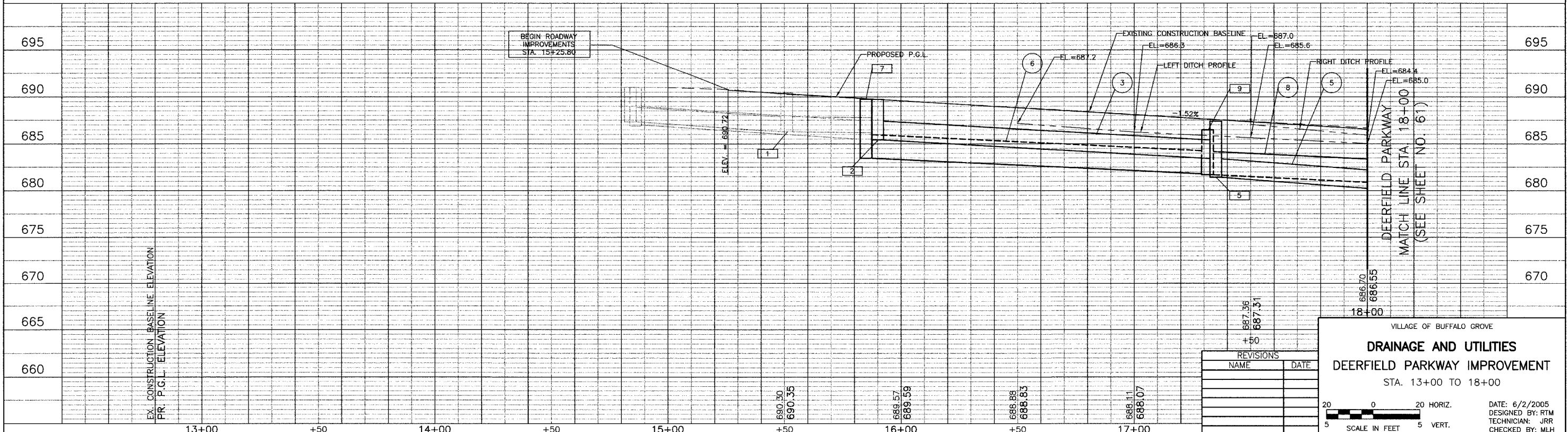
[Symbol]	STRUCTURE NO.
[Symbol]	PIPE NO.
[Symbol]	OVERHEAD WIRES

- | | | | |
|---|--------------------------------------------------------|---|---------------------------------------------------------|
| 1 | 29'-12" SS, CL. A, TY 1 @ 1.00%
T.B.F. = 4 CU. YD. | 5 | 186'-24" SS, CL. A, TY 1 @ 1.90% |
| 2 | 1'-12" SS, CL. A, TY 1 @ 1.00%
T.B.F. = 1 CU. YD. | 6 | 142'-30" SS, CL. A, TY 1 @ 1.20%
T.B.F. = 17 CU. YD. |
| 3 | 140'-24" SS, CL. A, TY 1 @ 1.43%
T.B.F. = 4 CU. YD. | 7 | 4'-12" SS, CL. A, TY 1 @ 1.00%
T.B.F. = 1 CU. YD. |
| 4 | 9'-12" SS, CL. A, TY 1 @ 1.00%
T.B.F. = 2 CU. YD. | 8 | 190'-30" SS, CL. A, TY 1 @ 1.20% |

GENERAL NOTES:
THE SIZE AND LOCATION OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE AN ESTIMATE FOR DESIGN PURPOSES ONLY, AND ARE NOT INTENDED FOR USE AS FIELD LOCATIONS FOR CONSTRUCTION. CALL JULIE 48 HOURS PRIOR TO CONSTRUCTION FOR CONFIRMATION OF EXISTING UNDERGROUND UTILITY LOCATIONS.

THE COST OF CONNECTING EXISTING STORM SEWER AND UNDERDRAIN TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER AND UNDERDRAIN TO EXISTING STRUCTURES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE FOR STORM SEWER AND UNDERDRAIN. HOWEVER, THE NECESSARY PIPE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" AND "UNDERDRAIN" OF THE TYPE AND SIZE REQUIRED.

PIPE UNDERDRAINS 4" (MODIFIED) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT AS MODIFIED BY THE PROJECT SPECIAL PROVISIONS AND LAKE COUNTY STANDARD LC6010 "SUB-SURFACE DRAINS", AT THE LOCATIONS SHOWN ON THE TYPICAL SECTIONS OR AS DIRECTED BY THE ENGINEER.



REVISIONS	
NAME	DATE

VILLAGE OF BUFFALO GROVE

DRAINAGE AND UTILITIES

DEERFIELD PARKWAY IMPROVEMENT

STA. 13+00 TO 18+00

DATE: 6/2/2005
DESIGNED BY: RTM
TECHNICIAN: JRR
CHECKED BY: MLH

SCALE IN FEET: 5 HORIZ., 5 VERT.

BID SET