

**GENERAL NOTES**

- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 GR60 AND SECTION 508 OF THE STANDARD SPECIFICATIONS. THE COST OF FURNISHING AND INSTALLING ALL REINFORCEMENT SHALL BE INCLUDED IN THE COST PER CU. M. OF CONCRETE STRUCTURES.
- CONCRETE FOR WALLS AND STEPS SHALL BE CLASS SI CONCRETE. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 503 OF THE STANDARD SPECIFICATIONS. THE EXPOSED FACES OF WALLS SHALL BE A TEXTURED FINISH. FORM LINERS SHALL BE USED ON THE EXPOSED VERTICAL FACES AS DIRECTED AND APPROVED BY THE ENGINEER. ALL TRENCHES, REINFORCEMENT AND FORMWORK SHALL BE APPROVED BY THE ENGINEER PRIOR TO POURING CONCRETE WALLS OR FOOTINGS. THE COST OF CONSTRUCTING WALLS AND STEPS IN PLACE, INCLUDING ALL FORM WORK, FORM LINERS, TRENCHING, EXCAVATIONS, BACKFILL AND JOINT FILLERS SHALL BE INCLUDED IN THE COST PER CU. M. OF CONCRETE STRUCTURES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EARTH RETENTION SYSTEMS AS REQUIRED TO CONSTRUCT WALLS TO PREVENT PROPERTY DAMAGE. ANY PROPERTY DAMAGE SHALL BE REPAIRED PER SECTION 107 OF THE STANDARD SPECIFICATIONS.
- RAILING SHALL BE IN ACCORDANCE WITH SECTION 509 OF THE STANDARD SPECIFICATIONS, EXCEPT AS NOTED. RAILING SHALL BE PAINTED IN ACCORDANCE WITH SECTION 506 OF THE STANDARD SPECIFICATIONS. THE FINISH SHALL BE SEMI-GLOSS BLACK. THE COST OF CONSTRUCTING AND INSTALLING RAILING IN PLACE, INCLUDING PAINTING AND GROUTING SHALL BE INCLUDED IN THE COST PER METER OF PIPE HANDRAIL.
- PIPE UNDERDRAINS 150 mm AND PIPE UNDERDRAINS 150 mm (SPECIAL) SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS. COMPLETELY FILL WITH GROUT ALL JOINTS WHEN CONNECTING THE UNDERDRAINS TO INLETS OR MANHOLES. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER IN PLACE FOR PIPE UNDERDRAINS 150 mm OR PIPE UNDERDRAINS 150 mm (SPECIAL).
- WATER SERVICE LINES REQUIRING ADJUSTMENTS SHALL BE PLACED 300 MM (MIN.) BELOW THE BOTTOM OF THE WALL. THE CITY OF DANVILLE REQUIRES A LICENSED PLUMBER TO DO THIS WORK.
- DRAINS OR TILES DISCOVERED WHILE EXCAVATING SHALL NOT BE CONNECTED TO THE PIPE UNDERDRAINS.

**TOTAL BILL OF MATERIALS**

ITEM	UNIT	TOTAL
CONCRETE STRUCTURES	CU. M.	114.0
POROUS GRANULAR BACKFILL	CU. M.	103.3
GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ. M.	1016.8
PIPE UNDERDRAINS 150 mm	METER	336.6
PIPE UNDERDRAINS 150 mm (SPECIAL)	METER	268.6
PIPE HANDRAIL	METER	7.2

**INDEX OF SHEETS**

- 1 WALL KEY PLAN AND GENERAL NOTES
- 2 WALL AND RAILING DETAILS
- 3-19 WALL 1 THRU 16 PLAN AND ELEVATIONS

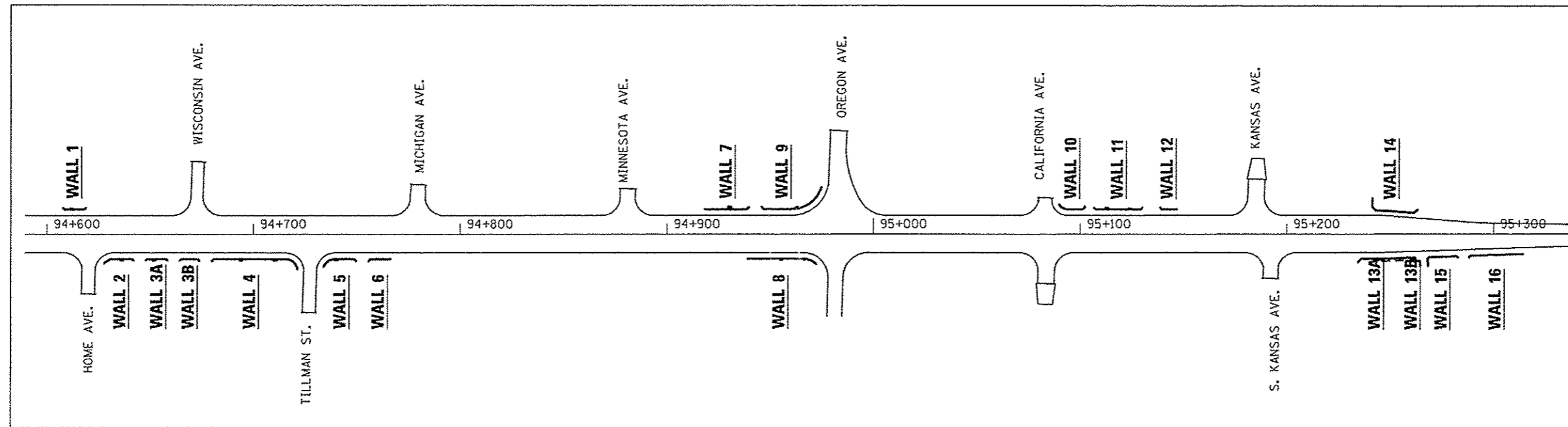
**WALL SCHEDULE**

WALL NUMBER	STATION TO STATION	CONCRETE STRUCTURES		POROUS GRANULAR BACKFILL		GEOTECHNICAL FABRIC FOR FRENCH DRAINS		PIPE UNDERDRAINS 150 mm		PIPE UNDERDRAINS 150 mm (SPECIAL)		PIPE HANDRAIL	
		CU M	CU M	SQ M	METER	METER	METER	METER	METER	METER			
1	94+607.52 TO 94+619.00	3.5	1.9	25.9	9.6	11.2							
2	94+627.62 TO 94+642.18	5.6	11.3	87.3	13.9	4.4							
3A	94+647.73 TO 94+658.60	3.7	2.2	27.4	9.2	27.8							
3B	94+664.21 TO 94+674.08	2.5	1.3	21.8	7.9	2.5							
4	94+679.73 TO 94+721.46	12.9	8.3	105.3	39.0	4.5							
5	94+733.74 TO 94+749.62	5.1	3.0	40.5	16.1	42.8							
6	94+755.35 TO 94+766.54	3.1	2.3	28.6	10.1	2.5							
7	94+918.06 TO 94+939.57	7.7	6.2	63.6	20.6	2.5							
8	94+938.85 TO 94+972.59	9.5	5.8	77.3	34.1	24.6							
9	94+945.38 TO 94+975.08	9.8	6.6	83.7	32.9	38.3							
10	95+089.55 TO 95+102.31	3.6	2.1	32.0	9.9	5.4							
11	95+106.50 TO 95+130.18	7.1	3.5	49.9	21.8	2.4							
12	95+138.36 TO 95+146.85	2.2	1.4	19.7	7.8	27.4							
13A	95+234.17 TO 95+262.11	13.7	24.1	122.1	26.5	32.8	7.2						
13B	95+260.03 TO 95+264.50	3.0	2.4	25.9	6.0								
14	95+241.11 TO 95+263.24	8.3	8.0	79.1	27.0	2.0							
15	95+268.10 TO 95+282.96	6.1	6.7	59.9	18.0	2.5							
16	95+287.77 TO 95+314.39	7.8	7.1	73.6	26.2	35.0							

**BLANK, WESSELINK, COOK & ASSOCIATES**  
**ENGINEERS - CONSULTANTS**  
**DECATUR, ILLINOIS**



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**WALL KEY PLAN**



FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WALL KEY PLAN AND GENERAL NOTES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					729	36(W.RS-1) & 342-2(W.RS)	VERMILION	298	134
		CHECKED -	REVISED -		SCALE: SHEET NO. 1 OF 19 SHEETS STA. TO STA.			CONTRACT NO. 90939				
		DATE -	REVISED -		(ILLINOIS) FED. AID PROJECT							