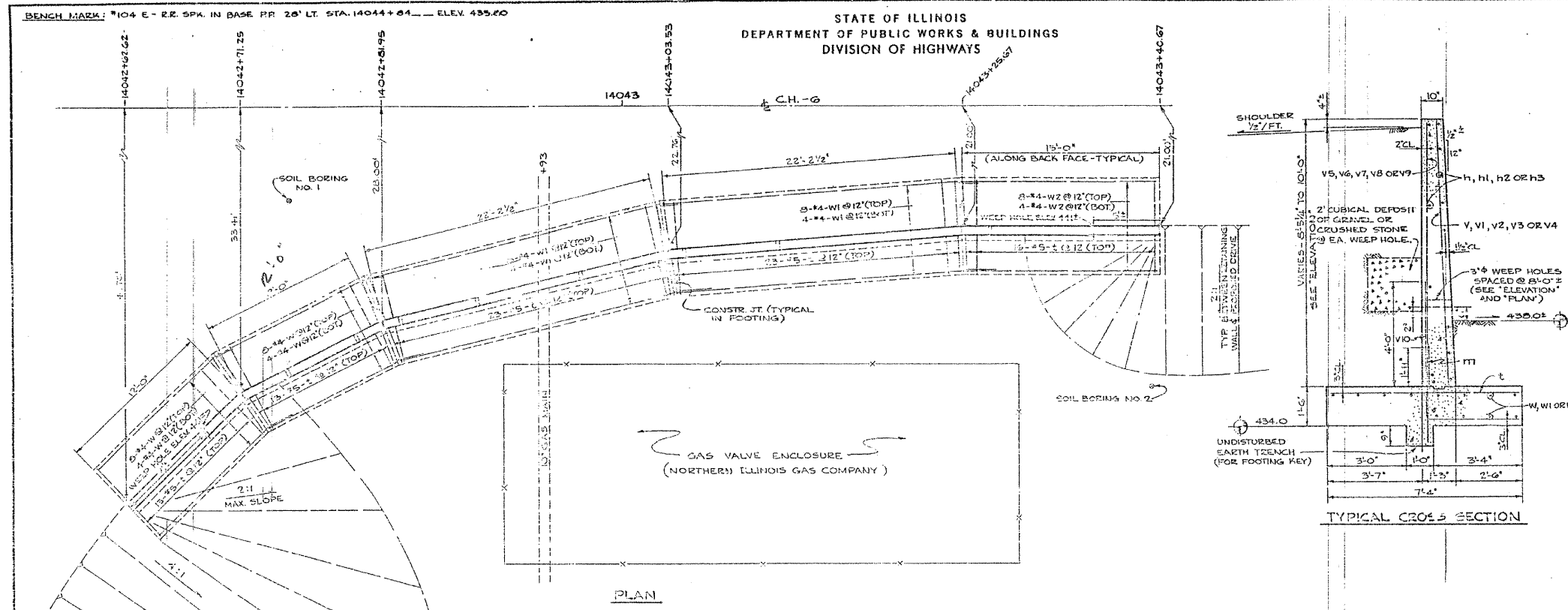
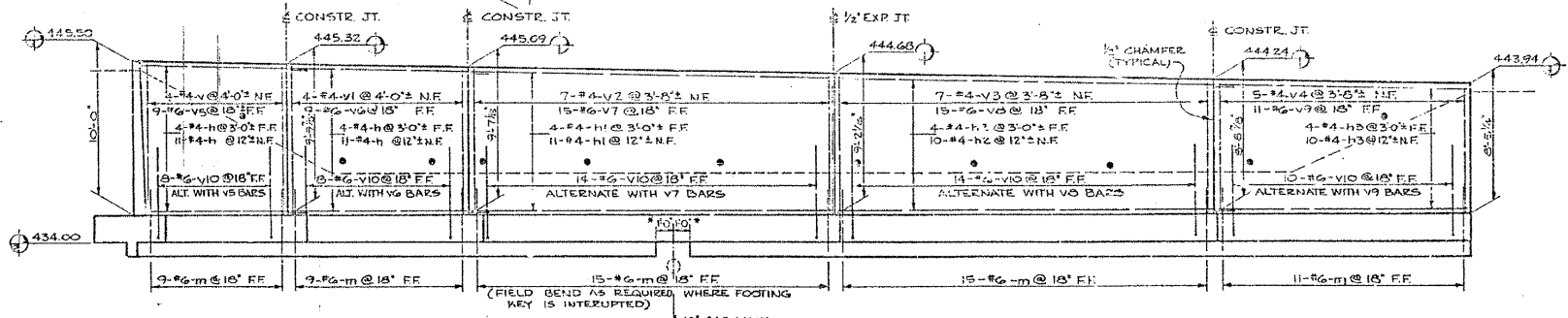


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	193
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
#991&2 R-3&3-1HS-1-BR-2		CONTRACT: 62253		



**BILL OF MATERIAL**

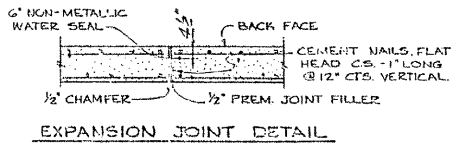
BAR	NO.	SIZE	LENGTH	CU YDS.	WEIGHT
h	30	#4	15'-0"	—	—
h1	15	#4	21'-11"	—	—
h2	14	#4	23'-5"	—	—
h3	14	#4	14'-9"	—	—
m	59	#6	3'-11"	—	—
t	58	#5	6'-10"	—	—
v	4	#4	9'-5"	—	—
v1	4	#4	9'-5"	—	—
v2	7	#4	9'-0"	—	—
v3	7	#4	3'-7"	—	—
v4	5	#4	5'-3"	—	—
v5	4	#6	7'-0"	—	—
v6	9	#6	9'-5"	—	—
v7	15	#6	9'-0"	—	—
v8	15	#6	8'-7"	—	—
v9	11	#6	8'-5"	—	—
v10	5	#6	6'-7"	—	—
w	24	#4	14'-0"	—	—
w1	24	#4	24'-0"	—	—
w2	12	#4	14'-8"	—	—
CLASS X CONCRETE				CU YDS.	6
REINFORCEMENT BARS				LBS.	4



**GAS MAIN ELEVATIONS (TOP)**  
 27' RT. OF E. CH.-G = 433.10  
 27' LT. OF E. CH.-G = 432.24

**ELEVATION**  
 \* ADJUST AS REQUIRED TO SUIT PROTECTION PROVIDED FOR GAS MAIN BY UTILITY CO.

"N.F." - INDICATES NEAR FACE.  
 "F.F." - INDICATES FAR FACE.



DESIGNED	L.J.L.	EXAMINED	
CHECKED	F.E.T.	PASSED	
DRAWN	L.S.	APPROVED	
CHECKED	L.J.L.		

**GENERAL NOTES:**  
 CLASS X CONCRETE SHALL BE USED THROUGHOUT.  
 MINIMUM LAP FOR ALL BAR SPLICES BE 20 DIAMETERS UNLESS OTHERWISE SPECIFIED.  
 THE BACKFACE OF RETAINING WALL SHALL BE WATERPROOFED FROM TOP OF FOOTING TO FINISHED EARTH GRADE IN ACCORDANCE WITH ARTICLE 51.21 OF STANDARD SPECIFICATIONS.  
 EXPOSED CONCRETE EDGES SHALL BE CHAMFERED 3/4" UNLESS OTHERWISE SPECIFIED.  
 GAS MAIN PROTECTION TO BE PROVIDED AND INSTALLED BY UTILITY.  
**DESIGN STRESSES:**  
 f<sub>s</sub> = 20000 PSI REINFORCEMENT  
 f<sub>c</sub> = 1000 PSI  
 n = 10  
 MAXIMUM SOIL PRESSURE = 2000 LB/FT<sup>2</sup>

**NOTE:**  
 SEE FOLLOWING SHEET FOR SOIL BORINGS

ILLINOIS DIVISION OF HIGHWAYS  
 F.A.I. 57  
 SECTION 99-1HS-1 WILL COUNT  
 RETAINING WALL

**FOR INFORMATION ONLY**