



BARS n20(E) & n21(E)

Min. Bar Laps
 #4 = 1'-8"
 #5 = 2'-2"
 #6 = 2'-7"
 #7 = 3'-5"

BILL OF MATERIAL				
BAR	SIZE	NO.	LENGTH	SHAPE
d6	4	16	8'-4"	—
n20(E)	7	48	7'-2"	—
n21(E)	6	44	4'-6"	—
h10	4	12	14'-7"	—
h20	4	80	10'-2"	—
n24	4	16	1'-6"	—
s10	4	8	23'-2"	—
s11	4	8	23'-4"	—
V20	4	12	12'-8"	—
V21	5	16	6'-6"	—
V22	5	16	8'-0"	—
V23	5	16	9'-6"	—
t20	5	100	8'-0"	—
w20	5	48	10'-0"	—
CONCRETE STRUCTURES			C.Y.	43.6
REINFORCEMENT BARS			LBS.	1001
REIN. BARS (EPOXY CTD.)			LBS.	3082

NOTES

Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 Reinforcement bars designated (E) shall be epoxy coated.
 All construction joints shall be bonded.

GENERAL NOTES

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
 EXPOSED EDGES SHALL BE BEVELED 3/4".
 REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31, M-42, OR M-53, GRADE 60.

GENERAL PLAN
US45 OVER PRAIRIE CREEK
FAS ROUTE 317 - SECTION 36BR
IROQUOIS COUNTY
STATION 1120+16.78
PROP. S.N. 038-2017