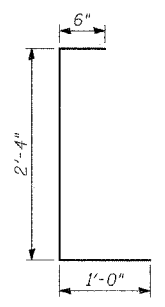


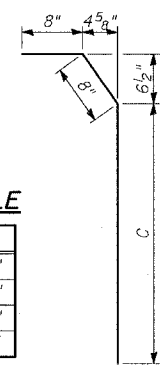
MARK TABLE

Bar	A	B
d(E)	6"	2'-6"
d ₁ (E)	6"	2'-6"
d ₂ (E)	11"	4'-4"
n(E)	8"	3'-4"
n ₁ (E)	1'-0"	4'-3"
n ₂ (E)	8"	3'-9"
n ₃ (E)	1'-0"	4'-9"
n ₄ (E)	8"	4'-0"
n ₅ (E)	1'-2"	5'-7"
n ₆ (E)	1'-2"	6'-0"

BARS d(E), d₁(E), d₂(E), n(E), n₁(E), n₂(E), n₃(E), n₄(E), n₅(E) & n₆(E)



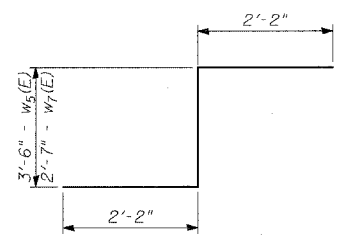
BAR d₂(E)



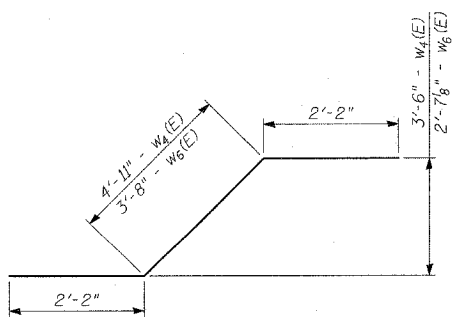
MARK TABLE

Bar	B
d ₃ (E)	3'-6"
d ₈ (E)	4'-4"
d ₉ (E)	4'-9"
d ₁₀ (E)	5'-1"

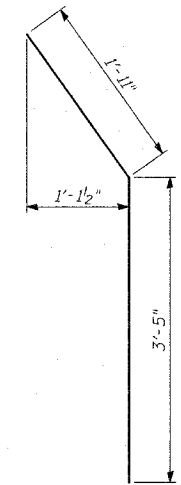
BARS d₃(E), d₈(E), d₉(E) & d₁₀(E)



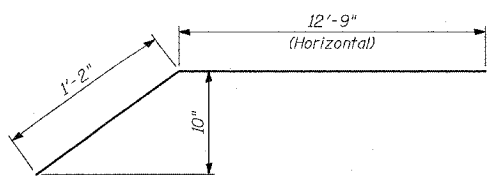
BAR w₅(E) and w₇(E)



BAR w₄(E) and w₆(E)



BAR d₇(E)



BAR e₉(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	638	#4	3'-0"	L
d ₁ (E)	622	#5	3'-0"	L
d ₂ (E)	622	#4	3'-10"	L
d ₃ (E)	523	#5	4'-10"	L
d ₄ (E)	31	#4	5'-3"	L
d ₅ (E)	10	#6	6'-6"	—
d ₆ (E)	21	#5	4'-3"	—
d ₇ (E)	21	#5	5'-4"]
d ₈ (E)	33	#5	5'-8"]
d ₉ (E)	33	#5	6'-1"]
d ₁₀ (E)	33	#5	6'-5"]
e(E)	72	#4	31'-8"	—
e ₁ (E)	24	#5	32'-2"	—
e ₂ (E)	24	#8	34'-6"	—
e ₃ (E)	42	#4	29'-8"	—
e ₄ (E)	12	#5	29'-8"	—
e ₅ (E)	14	#8	29'-8"	—
e ₆ (E)	6	#4	24'-8"	—
e ₇ (E)	2	#5	24'-8"	—
e ₈ (E)	2	#8	24'-8"	—
e ₉ (E)	6	#4	13'-11"]
h(E)	84	#5	32'-2"	—
h ₁ (E)	49	#5	29'-8"	—
h ₂ (E)	165	#4	31'-8"	—
h ₃ (E)	98	#4	29'-8"	—
h ₄ (E)	7	#5	24'-8"	—
h ₅ (E)	17	#4	24'-8"	—
n(E)	93	#4	4'-0"	L
n ₁ (E)	99	#6	5'-3"	L
n ₂ (E)	155	#4	4'-5"	L
n ₃ (E)	165	#6	5'-9"	L
n ₄ (E)	367	#4	4'-8"	L
n ₅ (E)	231	#7	6'-9"	L
n ₆ (E)	160	#7	7'-2"	L
t(E)	91	#6	7'-2"	—
t ₁ (E)	91	#5	7'-2"	—
t ₂ (E)	152	#6	8'-2"	—
t ₃ (E)	152	#5	8'-2"	—
t ₄ (E)	213	#7	9'-0"	—
t ₅ (E)	213	#5	9'-0"	—
t ₆ (E)	147	#7	9'-8"	—
t ₇ (E)	147	#5	9'-8"	—
v(E)	31	#4	4'-5"	—
v ₁ (E)	31	#4	4'-9"	—
v ₂ (E)	31	#4	5'-2"	—
v ₃ (E)	31	#4	7'-11"	—
v ₄ (E)	33	#5	7'-6"	—
v ₅ (E)	31	#4	8'-6"	—
v ₆ (E)	33	#5	8'-0"	—
v ₇ (E)	31	#4	6'-9"	—
v ₈ (E)	33	#5	6'-4"	—
v ₉ (E)	31	#4	7'-8"	—
v ₁₀ (E)	33	#5	7'-2"	—
v ₁₁ (E)	31	#4	8'-6"	—
v ₁₂ (E)	33	#5	8'-1"	—
v ₁₃ (E)	31	#4	7'-8"	—
v ₁₄ (E)	33	#5	6'-7"	—
v ₁₅ (E)	31	#4	8'-8"	—
w(E)	144	#5	30'-0"	—
w ₁ (E)	200	#5	32'-2"	—
w ₂ (E)	20	#5	34'-4"	—
w ₃ (E)	40	#5	33'-6"	—
w ₄ (E)	19	#5	9'-3"]
w ₅ (E)	19	#5	7'-10"]
w ₆ (E)	10	#5	8'-0"]
w ₇ (E)	10	#5	6'-11"]

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
v ₁₆ (E)	33	#5	7'-7"	—
v ₁₇ (E)	31	#4	9'-2"	—
v ₁₈ (E)	33	#5	8'-1"	—
v ₁₉ (E)	31	#4	9'-4"	—
v ₂₀ (E)	33	#6	8'-4"	—
v ₂₁ (E)	31	#4	9'-6"	—
v ₂₂ (E)	33	#6	8'-6"	—
v ₂₃ (E)	31	#4	9'-9"	—
v ₂₄ (E)	33	#6	8'-9"	—
v ₂₅ (E)	57	#4	10'-0"	—
v ₂₆ (E)	61	#6	9'-0"	—
v ₂₇ (E)	31	#4	8'-2"	—
v ₂₈ (E)	33	#5	7'-2"	—
v ₂₉ (E)	31	#4	8'-5"	—
v ₃₀ (E)	33	#5	7'-5"	—
v ₃₁ (E)	31	#4	8'-6"	—
v ₃₂ (E)	33	#5	7'-6"	—
v ₃₃ (E)	31	#4	8'-8"	—
v ₃₄ (E)	33	#5	7'-7"	—
w(E)	144	#5	30'-0"	—
w ₁ (E)	200	#5	32'-2"	—
w ₂ (E)	20	#5	34'-4"	—
w ₃ (E)	40	#5	33'-6"	—
w ₄ (E)	19	#5	9'-3"]
w ₅ (E)	19	#5	7'-10"]
w ₆ (E)	10	#5	8'-0"]
w ₇ (E)	10	#5	6'-11"]
Reinforcement Bars, Epoxy Coated		CU YD	72,920	
Protective Coat		SQ YD	764	
Concrete Structures		CU YD	612	

Reinforcement bars designated (E) shall be epoxy coated.

LAP SPLICES

Bar	Lap
#4	1'-8"
#5	2'-2"
#6	2'-7"
#8	4'-6"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 RETAINING WALL ALONG STATE ST.
 ENTRANCE RAMP AT 79TH ST.
 WALL 69 - BILL OF MATERIAL

S.N. 016-W975 DESIGNED BY: MAF, SNB
 SCALE: N.T.S. DRAWN BY: MAF, SNB
 DATE: MARCH 18, 2005 CHECKED BY: TD, MI