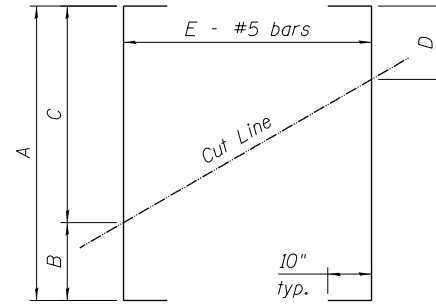


SECTION A-A

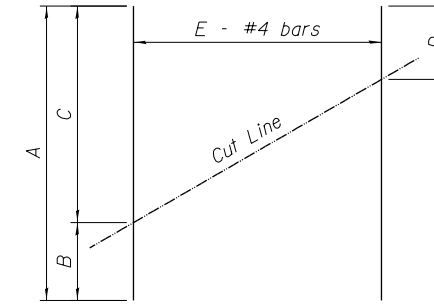


FIELD CUTTING DIAGRAM

Order bars full length.

FIELD CUTTING TABLE

Bar	A	B	C	D	E
n500(E)	10'-10"	5'-0"	5'-10"	5'-6"	5
n501(E)	12'-0"	5'-10"	6'-2"	6'-0"	8
n502(E)	13'-3"	6'-2"	7'-1"	6'-8"	13
n503(E)	15'-2"	7'-1"	8'-1"	7'-7"	13
n504(E)	16'-9"	8'-1"	8'-8"	8'-5"	13
n505(E)	12'-8"	4'-8"	8'-0"	6'-5"	11
n506(E)	15'-10"	7'-11"	7'-11"	7'-10"	4
n507(E)	14'-3"	7'-2"	7'-1"	6'-5"	16
n508(E)	12'-1"	6'-1"	6'-0"	5'-8"	10
n509(E)	10'-4"	5'-2"	5'-2"	4'-9"	6

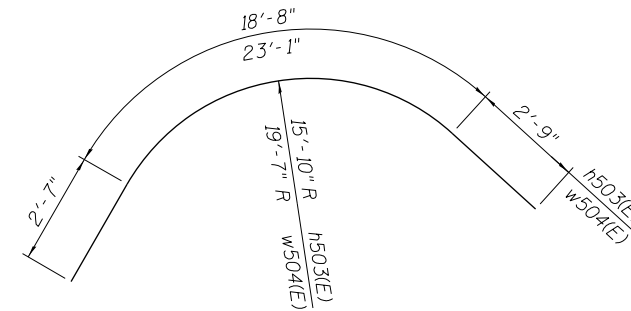


FIELD CUTTING DIAGRAM

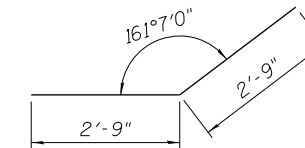
Order bars full length.

FIELD CUTTING TABLE

Bar	A	B	C	D	E
v500(E)	10'-10"	3'-8"	4'-4"	4'-1"	3
v501(E)	12'-0"	4'-5"	4'-9"	4'-7"	6
v502(E)	13'-3"	4'-9"	5'-8"	5'-3"	9
v503(E)	15'-2"	5'-8"	6'-8"	6'-2"	9
v504(E)	16'-9"	6'-8"	7'-3"	7'-0"	9
v505(E)	9'-8"	3'-3"	6'-5"	4'-11"	7
v506(E)	13'-0"	6'-6"	6'-6"	6'-5"	3
v507(E)	11'-5"	5'-9"	5'-8"	5'-0"	11
v508(E)	9'-3"	4'-8"	4'-7"	4'-3"	7
v509(E)	7'-6"	3'-10"	3'-8"	3'-4"	4



BARS h503(E) & w504(E)



BAR w502(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h500(E)	24	#4	27'-9"	—
h501(E)	24	#4	24'-10"	—
h502(E)	12	#4	10'-3"	—
h503(E)	12	#4	24'-0"	⤿
h504(E)	12	#4	32'-4"	—
h505(E)	12	#4	29'-5"	—
n500(E)	5	#5	12'-6"	—
n501(E)	8	#5	13'-8"	—
n502(E)	13	#5	14'-11"	—
n503(E)	13	#5	16'-10"	—
n504(E)	13	#5	18'-5"	—
n505(E)	11	#5	14'-4"	—
n506(E)	4	#5	17'-6"	—
n507(E)	16	#5	15'-11"	—
n508(E)	10	#5	13'-9"	—
n509(E)	6	#5	12'-0"	—
v500(E)	3	#4	10'-10"	—
v501(E)	6	#4	12'-0"	—
v502(E)	9	#4	13'-3"	—
v503(E)	9	#4	15'-2"	—
v504(E)	9	#4	16'-9"	—
v505(E)	7	#4	9'-8"	—
v506(E)	3	#4	13'-0"	—
v507(E)	11	#4	11'-5"	—
v508(E)	7	#4	9'-3"	—
v509(E)	4	#4	7'-6"	—
t500(E)	198	#5	5'-8"	—
t501(E)	198	#4	5'-8"	—
t502(E)	1	#5	5'-11"	—
t503(E)	1	#4	5'-11"	—
w500(E)	42	#4	27'-1"	—
w501(E)	7	#4	49'-0"	—
w502(E)	14	#4	5'-6"	⤿
w503(E)	14	#4	10'-1"	—
w504(E)	14	#4	28'-5"	⤿
w505(E)	28	#4	30'-11"	—
Concrete Superstructure		Cu. Yd.	143.2	
Protective Coat		Sq. Yd.	615	
Reinforcement Bars, Epoxy Coated		Pound	9,520	

8/10/24 PM 0161708-60W29-5165B-Rev+Wall.DET



USER NAME = BAWitorf	DESIGNED WJC	REVISED
	CHECKED MDS	REVISED
PLOT SCALE = 8x0.0000 ' / in.	DRAWN WJC	REVISED
PLOT DATE = 10/28/2013	CHECKED MDS	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS

SHEET NO. 4 OF 4 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	191
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				