

Notes

Cast top of wingwall flush with exterior beam face after beams have been erected.

For Abutment Sections and Details, see Sheet 10 of 12.

2'-6" x 2'-6" x 1'- $9^l_2$ " Abutment Corners to be included with Concrete Superstructures

## BILL OF MATERIAL SOUTH ABUTMENT

1	Dar	Ma	Cizo	Longth	Chana
١		Bar No. Size		Length	Shape
١	d(E) 26		#5	6′-3"	
1	d <sub>1</sub> (E) 26 d <sub>2</sub> (E) 6 d <sub>3</sub> (E) 6		#5	4'-1"	
-			#6	6′-9"	
			#6	4'-7"	
-					
-	h(E) 6		#5	17′-8"	
h <sub>1</sub> (E) 40		40	#5	12'-2"	
	n(E)	5 <i>2</i>	#6	6′-3"	
	p(E)	24	#5	22′-8"	
-	p1 (E)	20	#6	12′-2"	
	s(E)	22	#5	23′-5"	
	s1(E)	26	#5	9'-7"	
-	u(E)	20	#5	7′-3"	
-	u <sub>1</sub> (E) 6		#5	6′-6"	
-	u2(E)	6	#6	9′-10"	
1					
-	v(E)	38	#5	4'-5"	
1	v1(E)	16	#5	4′-5"	
1	v2(E)	52	#6	8'-4"	
1					
		re Exco	Cu. Yd.	90	
	Concre	te Struc	Cu. Yd.	34.1	
	Reinforcement Bars,			Pound	1 100
ı	Ероху	Coated	Pound	4,400	
ı	Furnishing Steel Piles,			Coot	140
	HP 12x		Foot	149	
١	Driving	Piles		Foot	149
١	Concre	te Enca	sement	Cu. Yd.	2.1
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For details of piles and Concrete Encasement, see sheet 11 of 12.

## PILE DATA

Type: HP 12x63
Nominal Required Bearing: 444k
Factored Resistance Available: 244k
Est. Length: 21.5 ft. (Wingwall)
Est. Length: 26.5 ft. (Cap)
No. Production Piles: 6
No. Test Piles: 0

CMT CCOpyright Cut, in CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613

	USER NAME =	DESIGNED	-	BPD	REVISED -	_
nc.		CHECKED	-	WLB	REVISED -	
	PLOT SCALE =	DRAWN	-	GLD	REVISED -	
	PLOT DATE =	CHECKED	-	DECEMBER 2013	REVISED -	

 $\downarrow_A$ 

9'-0"

11′-6"

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

11'-6"

3 pile spaces at 6'-0" = 18'-0"

23'-0"

PLAN

SOUTH ABUTMENT
STRUCTURE NO. 044-0062

SHEET NO. 9 OF 12 SHEETS

F.A. RTE. SECTION COUNTY TOTAL SHEETS NO.

163 34B-2 JOHNSON 37 21

CONTRACT NO. 78267