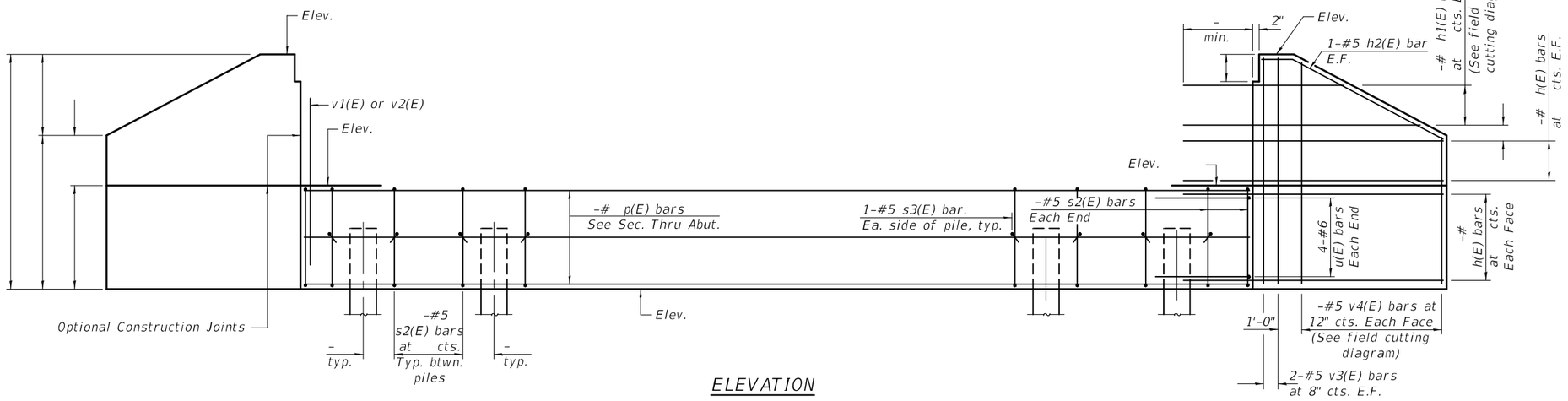
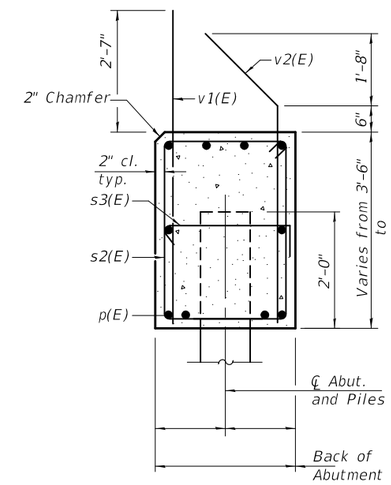
CELL / MODEL NAME	DESCRIPTION	DATE
AI-2440-0	Integral abutment; 24-40 inch depth beams; No skew	2/17/2017
AI-2440-L	Integral abutment; 24-40 inch depth beams; Left skew	2/17/2017
AI-2440-R	Integral abutment; 24-40 inch depth beams; Right skew	2/17/2017
AI-2440S-0	Integral abutment; 24-40 inch depth beams; Spiral; No skew	2/17/2017
AI-2440S-L	Integral abutment; 24-40 inch depth beams; Spiral; Left skew	2/17/2017
AI-2440S-R	Integral abutment: 24-40 inch depth beams; Spiral; Right skew	2/17/2017
AI-greater than 40-0	Integral abutment; Greater than 40 inch depth beams; No skew	2/17/2017
AI-greater than 40-L	Integral abutment; Greater than 40 inch depth beams; Left skew	2/17/2017
AI-greater than 40-R	Integral abutment; Greater than 40 inch depth beams; Right skew	2/17/2017
AI-greater than 40S-0	Integral abutment; Greater than 40 inch depth beams; Spiral; No skew	2/17/2017
AI-greater than 40S-L	Integral abutment; Greater than 40 inch depth beams; Spiral; Left skew	2/17/2017
AI-greater than 40S-R	Integral abutment; Greater than 40 inch depth beams; Spiral; Right skew	2/17/2017
AIS-0	Integral abutment; Slab bridge; No skew	2/17/2017
AIS-L	Integral abutment; Slab bridge; Left skew	2/17/2017
AIS-R	Integral abutment; Slab bridge; Right skew	2/17/2017

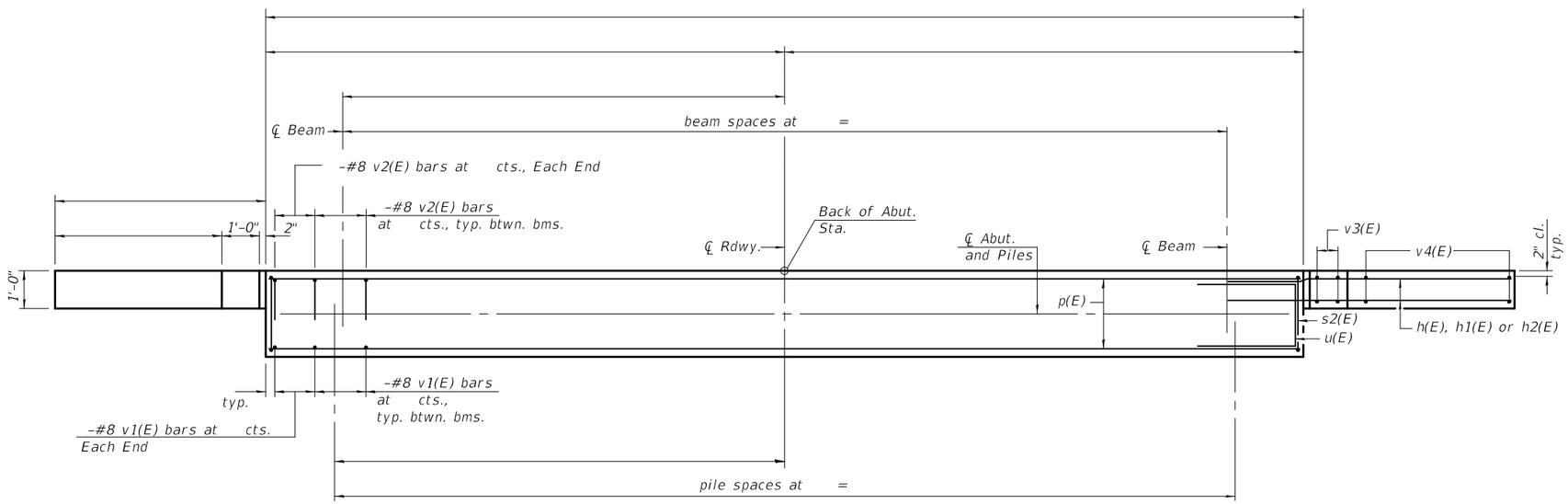
Notes:
Pour steps monolithically with cap.



ELEVATION



SEC. THRU ABUT.



PLAN

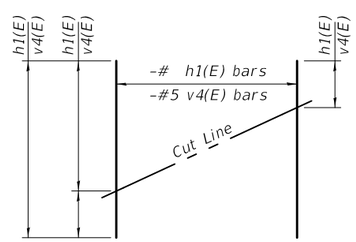
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
u(E)	8	#6		
v1(E)		#8	5'-11"	
v2(E)		#8	6'-2"	
v3(E)		#5		
v4(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

For details of piles see sheet of .

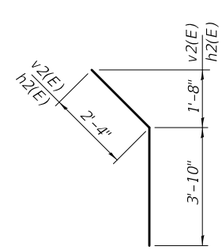
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

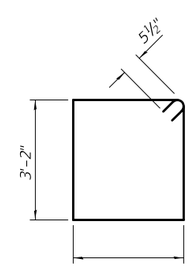


FIELD CUTTING DIAGRAM

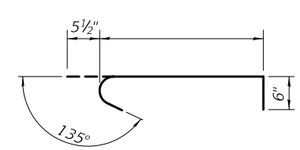
Order h1(E) and v4(E) full length. Cut as shown and use remainder of bars in opposite face.



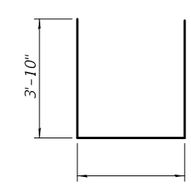
BAR v2(E) & h2(E)



BAR s2(E)



BAR s3(E)



BAR u(E)

AI-2440-0 2-17-2017

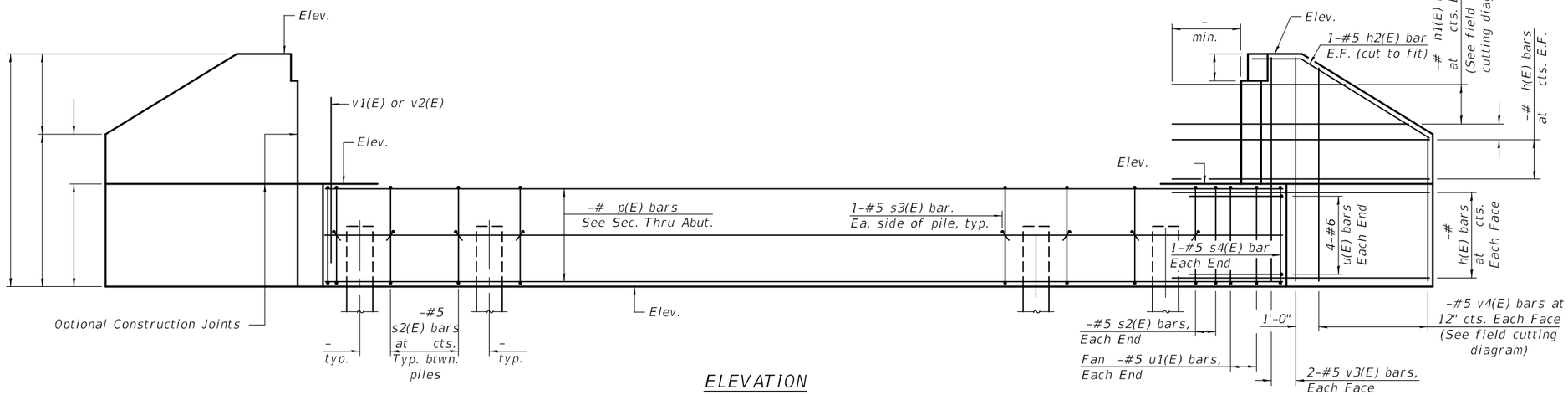
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

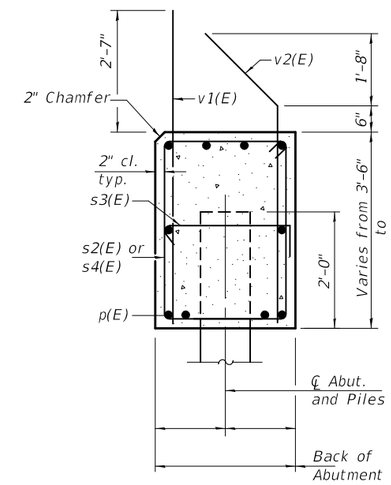
ABUTMENTS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Notes:
Pour steps monolithically with cap.

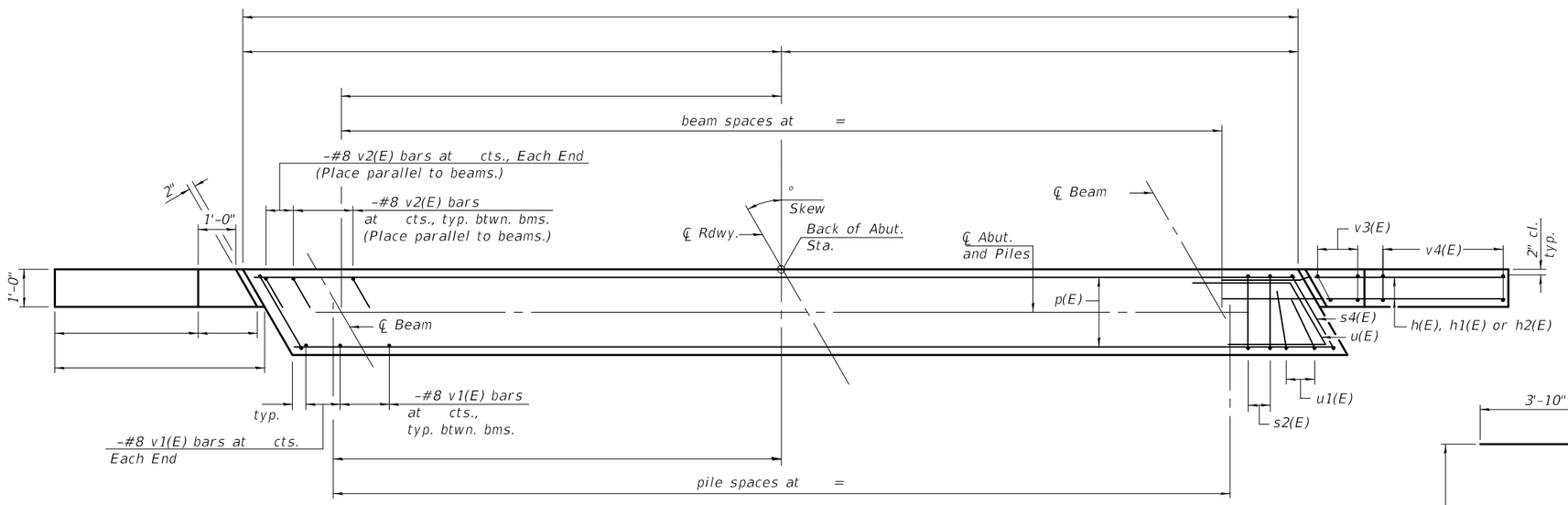


ELEVATION



SEC. THRU ABUT.

Dimensions at right angles to abutment.



PLAN

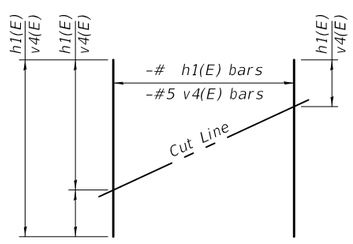
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
s4(E)		#5		
u(E)	8	#6		
u1(E)		#5		
v1(E)		#8	5'-11"	
v2(E)		#8	6'-2"	
v3(E)		#5		
v4(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

For details of piles see sheet of .

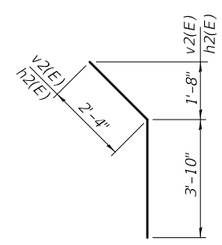
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

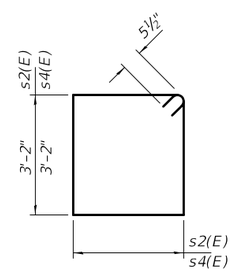


FIELD CUTTING DIAGRAM

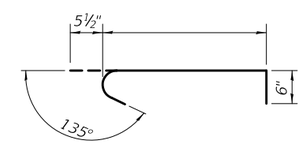
Order h1(E) and v4(E) full length. Cut as shown and use remainder of bars in opposite face.



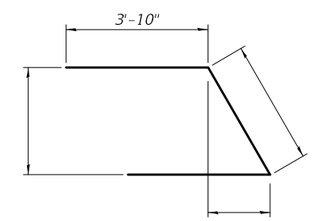
BAR v2(E) & h2(E)



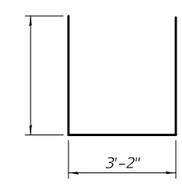
BAR s2(E) & s4(E)



BAR s3(E)



BAR u(E)



BAR u1(E)

AI-2440-L 2-17-2017

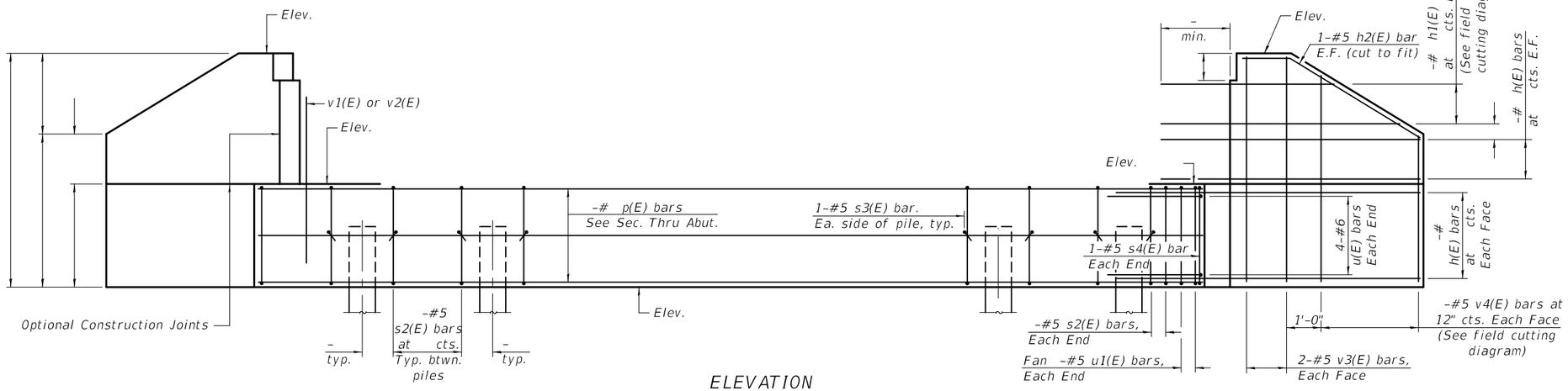
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

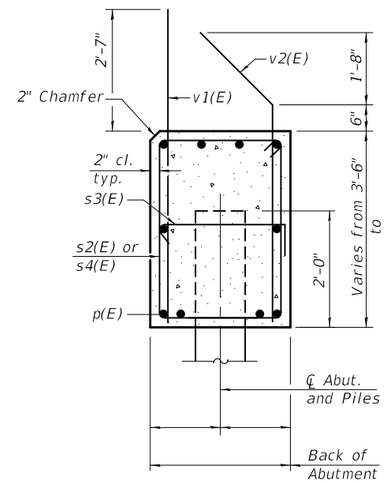
ABUTMENTS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Notes:
Pour steps monolithically with cap.

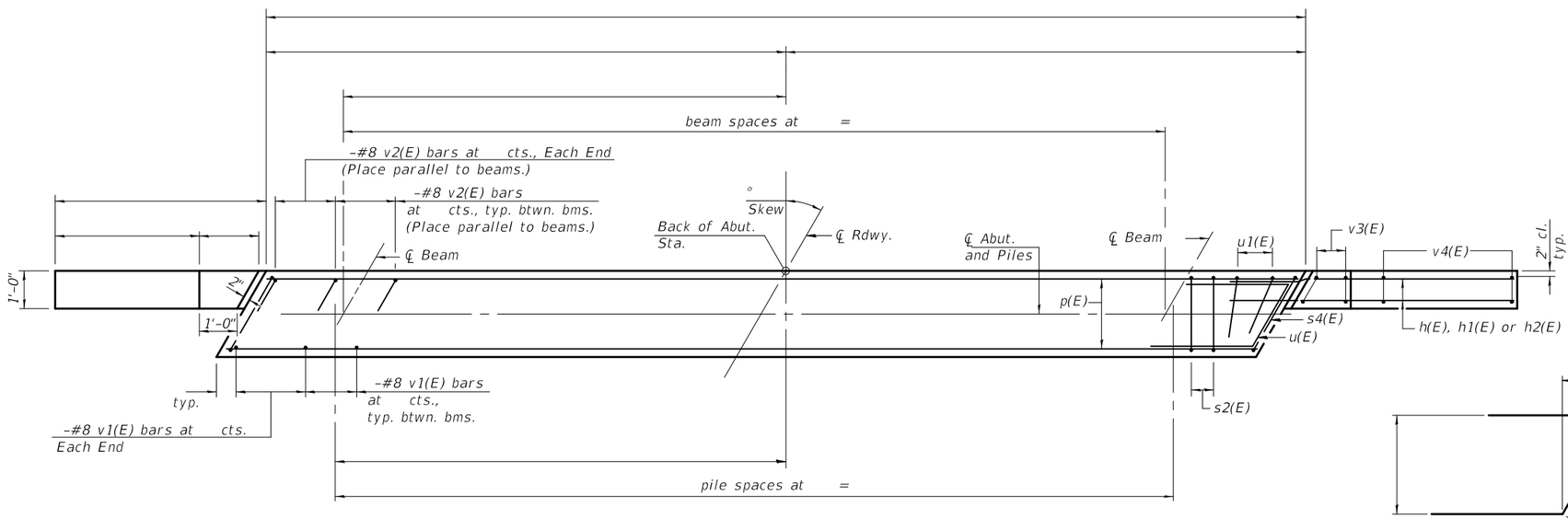


ELEVATION



SEC. THRU ABUT.

Dimensions at right angles to abutment.

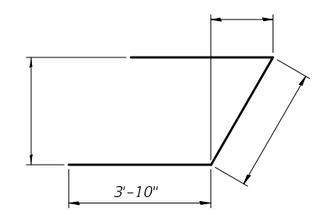


PLAN

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
s4(E)		#5		
u(E)	8	#6		
u1(E)		#5		
v1(E)		#8	5'-11"	
v2(E)		#8	6'-2"	
v3(E)		#5		
v4(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

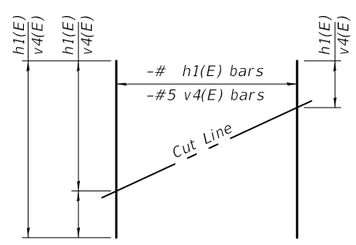
For details of piles see sheet of .



BAR u(E)

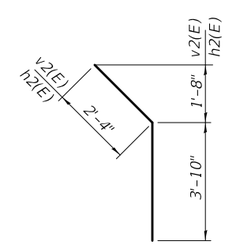
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

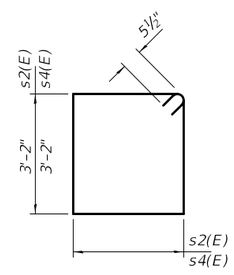


FIELD CUTTING DIAGRAM

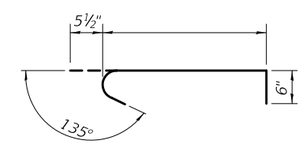
Order h1(E) and v4(E) full length. Cut as shown and use remainder of bars in opposite face.



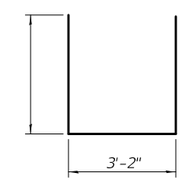
BAR v2(E) & h2(E)



BAR s2(E) & s4(E)



BAR s3(E)



BAR u1(E)

AI-2440-R 2-17-2017

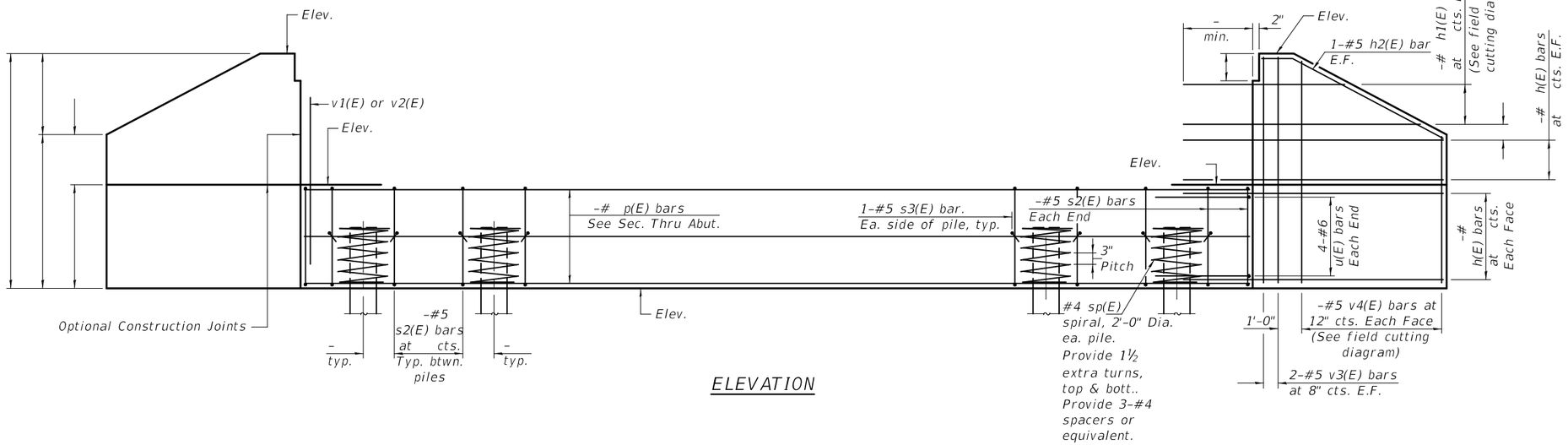
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

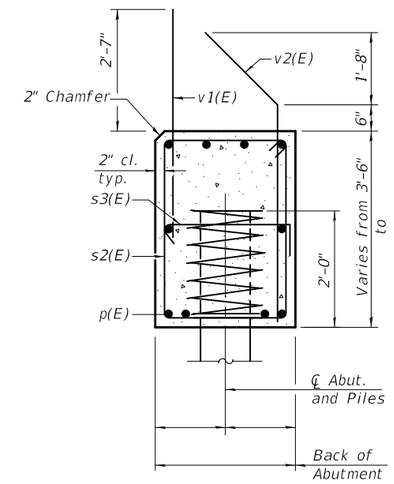
ABUTMENTS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

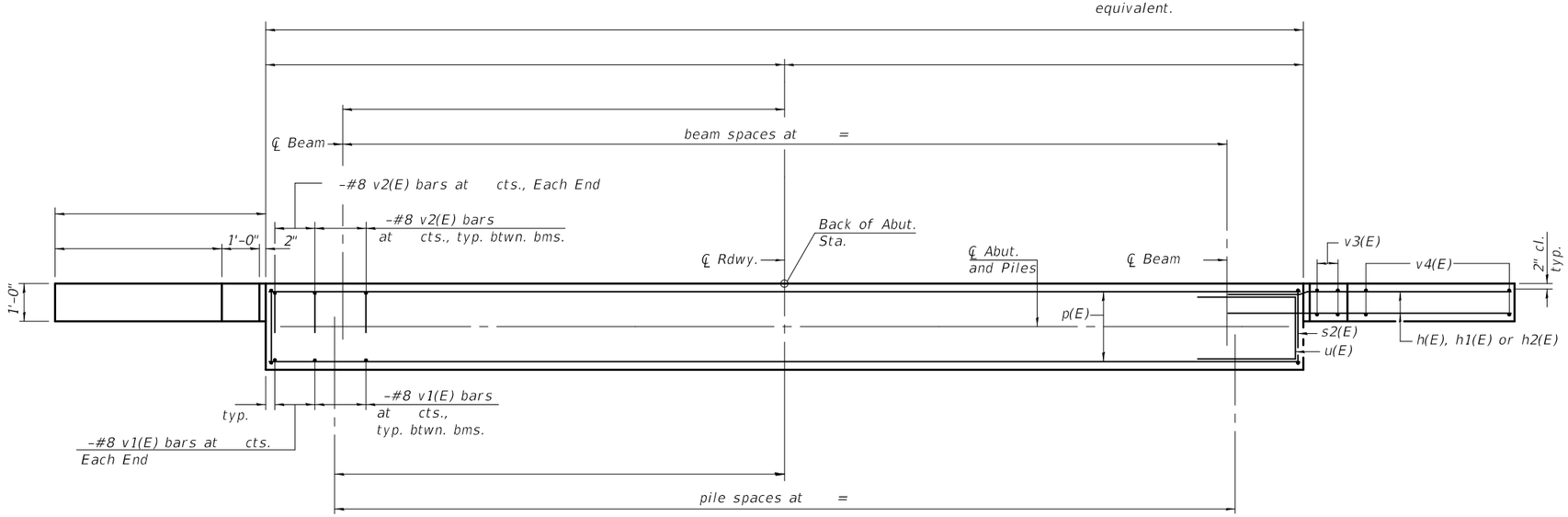
Notes:
Pour steps monolithically with cap.



ELEVATION



SEC. THRU ABUT.



PLAN

BILL OF MATERIAL

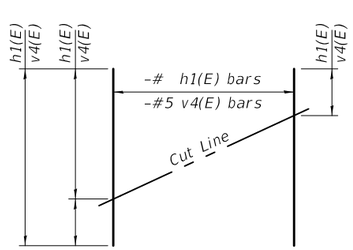
Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
* sp(E)		#4	2'-0"	
u(E)	8	#6		
v1(E)		#8	5'-11"	
v2(E)		#8	6'-2"	
v3(E)		#5		
v4(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

* Length is height of spiral.

For details of piles see sheet of .

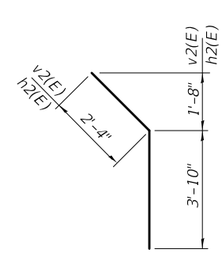
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

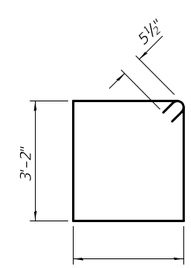


FIELD CUTTING DIAGRAM

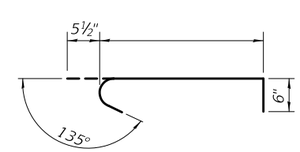
Order h1(E) and v4(E) full length. Cut as shown and use remainder of bars in opposite face.



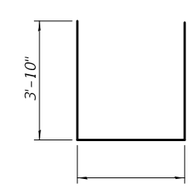
BAR v2(E) & h2(E)



BAR s2(E)



BAR s3(E)



BAR u(E)

AI-2440S-0 2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

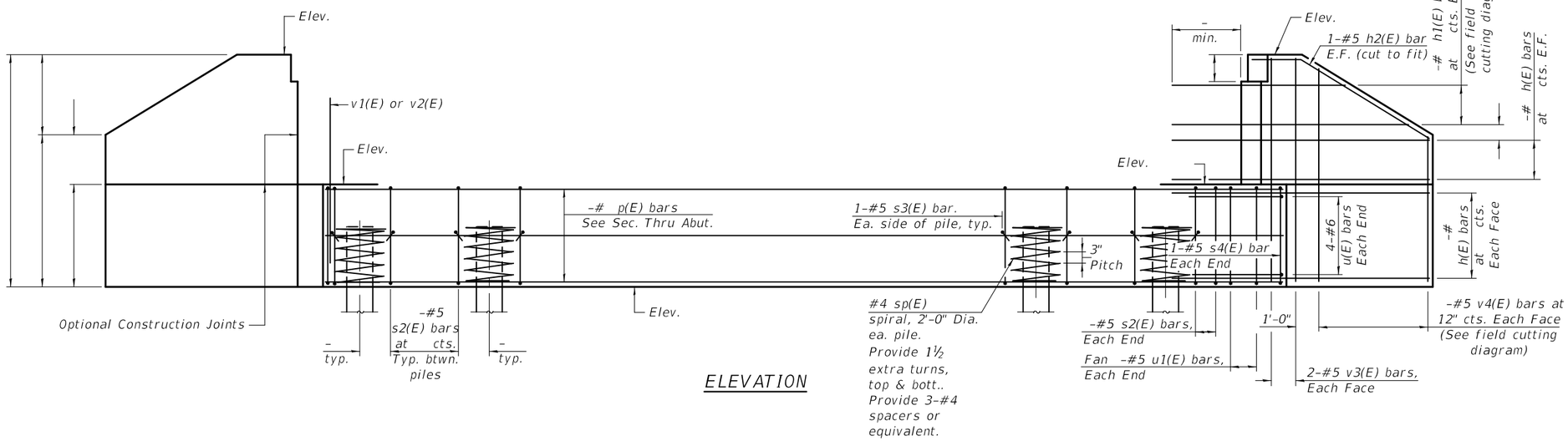
ABUTMENTS
STRUCTURE NO.

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

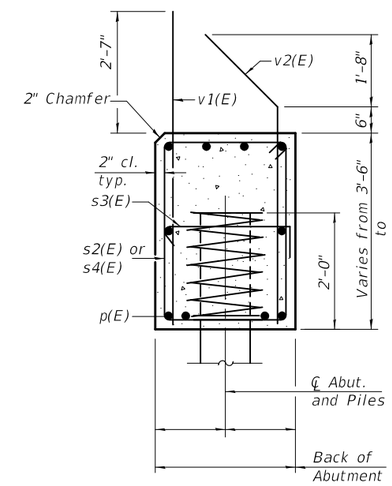
CONTRACT NO.

ILLINOIS FED. AID PROJECT

Notes:
Pour steps monolithically with cap.

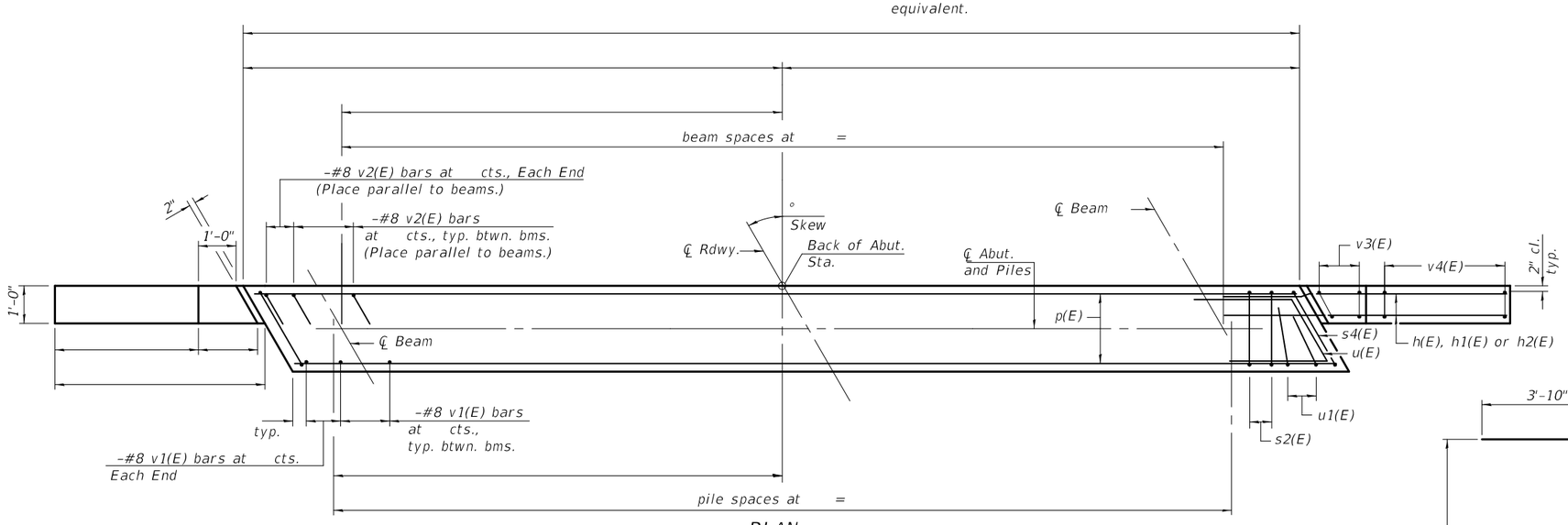


ELEVATION



SEC. THRU ABUT.

Dimensions at right angles to abutment.



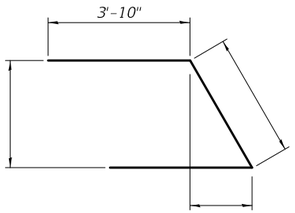
PLAN

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
s4(E)		#5		
* sp(E)		#4	2'-0"	
u(E)	8	#6		
u1(E)		#5		
v1(E)		#8	5'-11"	
v2(E)		#8	6'-2"	
v3(E)		#5		
v4(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

* Length is height of spiral.

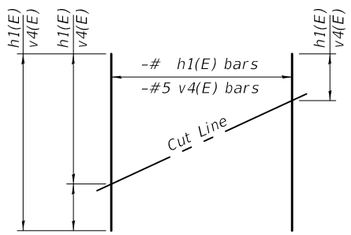
For details of piles see sheet of .



BAR u(E)

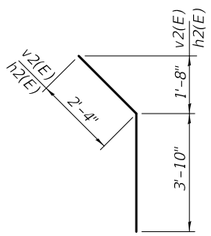
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

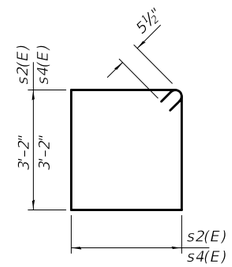


FIELD CUTTING DIAGRAM

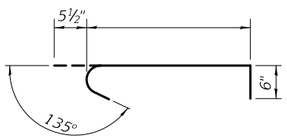
Order h1(E) and v4(E) full length. Cut as shown and use remainder of bars in opposite face.



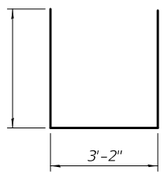
BAR v2(E) & h2(E)



BAR s2(E) & s4(E)



BAR s3(E)

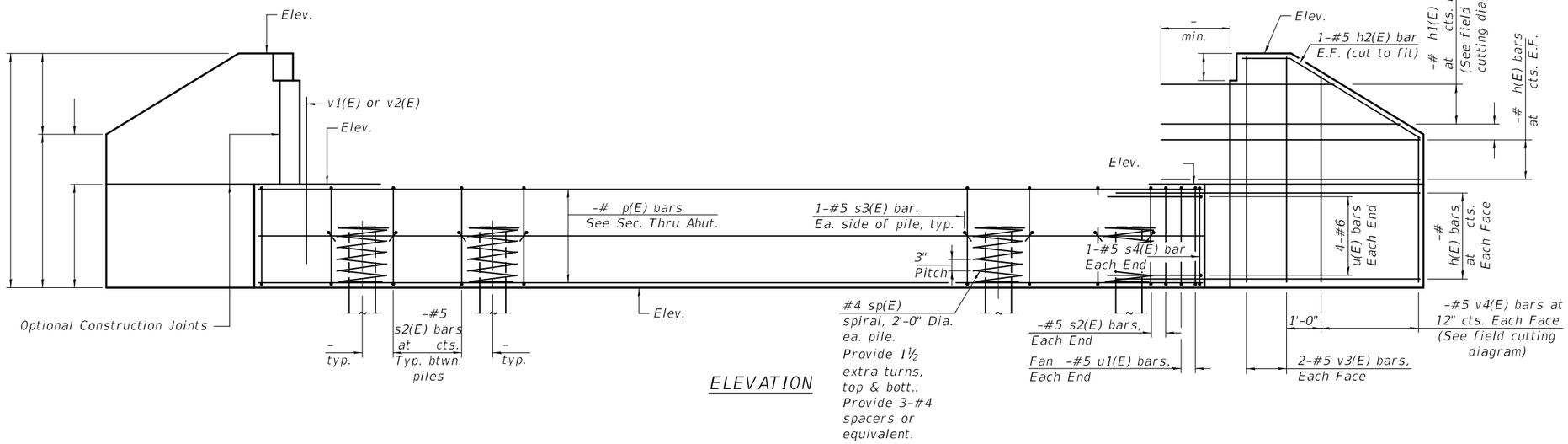


BAR u1(E)

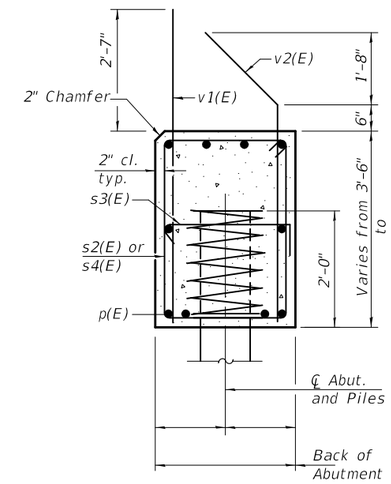
AI-2440S-L 2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ABUTMENTS STRUCTURE NO.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -							
	PLOT SCALE =	DRAWN -	REVISED -					CONTRACT NO.		
	PLOT DATE =	CHECKED -	REVISED -				ILLINOIS	FED. AID PROJECT		

Notes:
Pour steps monolithically with cap.

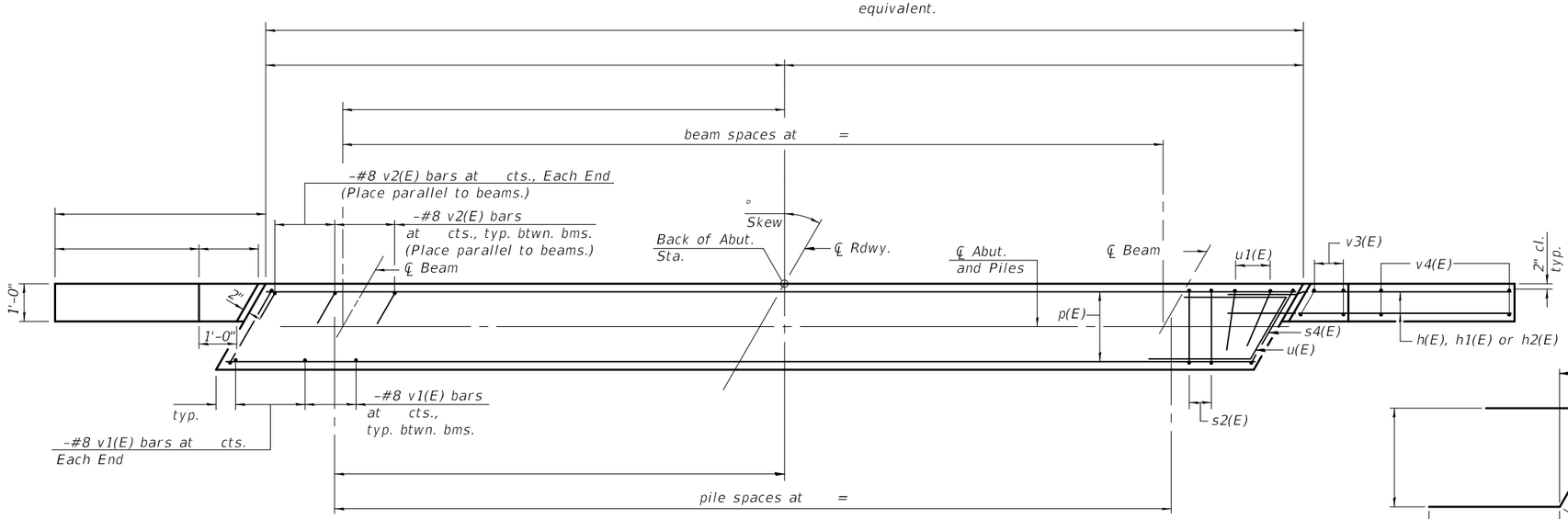


ELEVATION

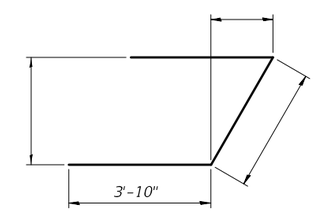


SEC. THRU ABUT.

Dimensions at right angles to abutment.



PLAN



BAR u(E)

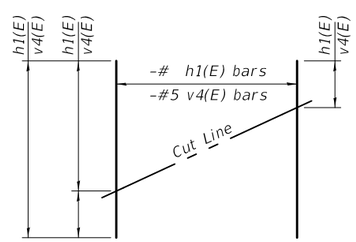
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
s4(E)		#5		
* sp(E)		#4	2'-0"	
u(E)	8	#6		
u1(E)		#5		
v1(E)		#8	5'-11"	
v2(E)		#8	6'-2"	
v3(E)		#5		
v4(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

* Length is height of spiral.
For details of piles see sheet of .

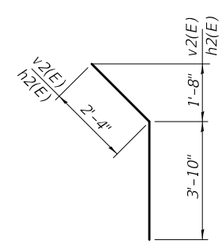
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

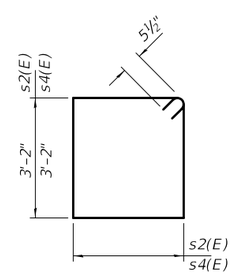


FIELD CUTTING DIAGRAM

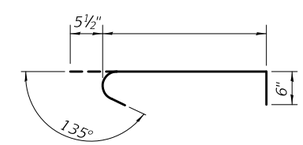
Order h1(E) and v4(E) full length. Cut as shown and use remainder of bars in opposite face.



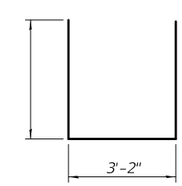
BAR v2(E) & h2(E)



BAR s2(E) & s4(E)



BAR s3(E)

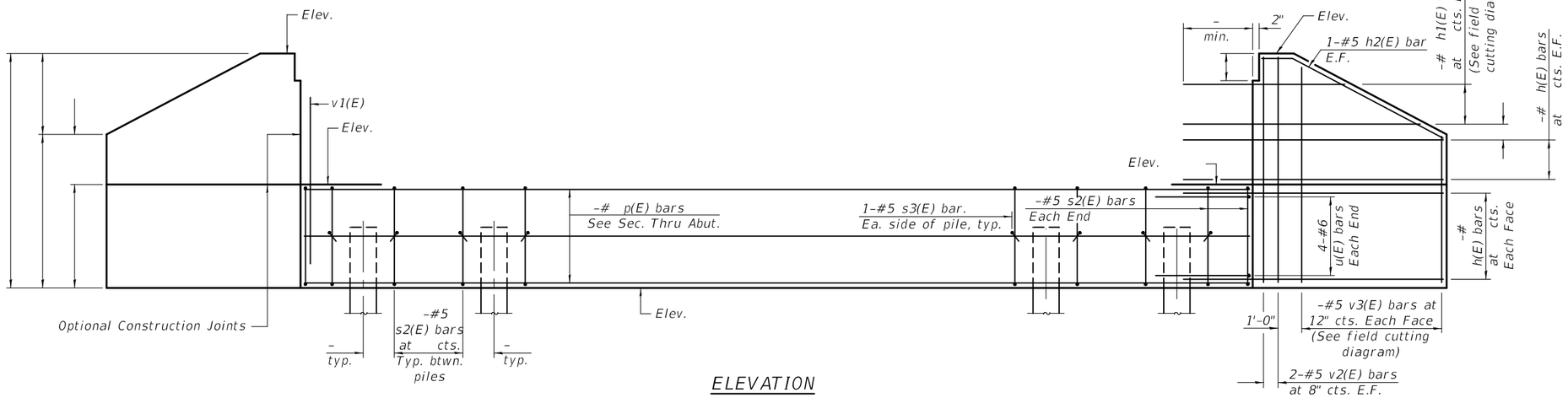


BAR u1(E)

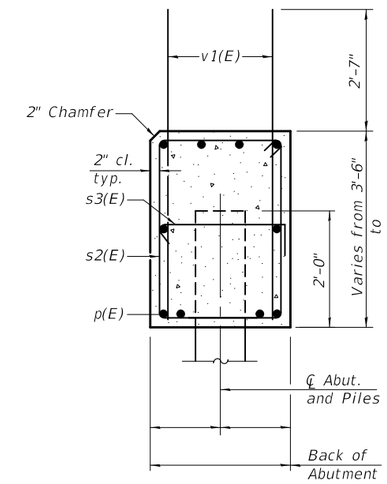
AI-2440S-R 2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ABUTMENTS STRUCTURE NO.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -							
	PLOT SCALE =	DRAWN -	REVISED -					CONTRACT NO.		
	PLOT DATE =	CHECKED -	REVISED -				ILLINOIS	FED. AID PROJECT		

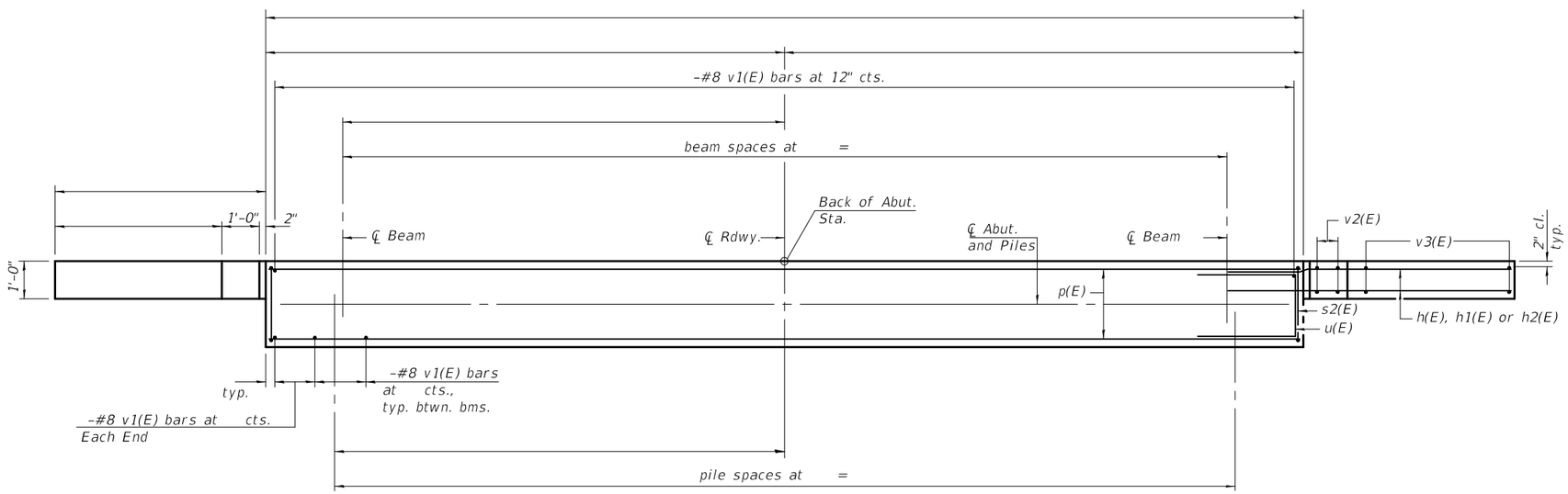
Notes:
Pour steps monolithically with cap.



ELEVATION



SEC. THRU ABUT.



PLAN

BILL OF MATERIAL

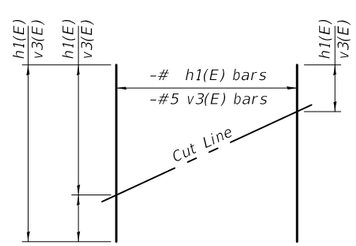
Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
u(E)	8	#6		
v1(E)		#8	5'-11"	
v2(E)		#5		
v3(E)		#5		

Structure Excavation	Cu. Yd.	
Concrete Structures	Cu. Yd.	
Reinforcement Bars, Epoxy Coated	Pound	
Furnishing - Piles,	Foot	
Driving Piles	Foot	
Test Pile,	Each	

For details of piles see sheet of .

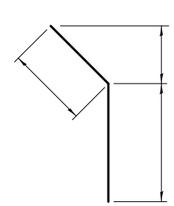
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

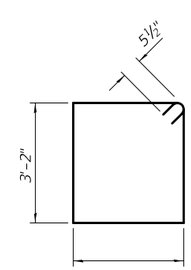


FIELD CUTTING DIAGRAM

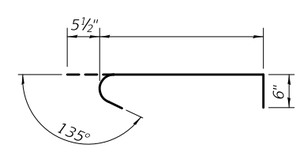
Order h1(E) and v3(E) full length. Cut as shown and use remainder of bars in opposite face.



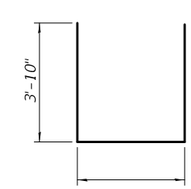
BAR h2(E)



BAR s2(E)



BAR s3(E)



BAR u(E)

AI->40-0 2-17-2017

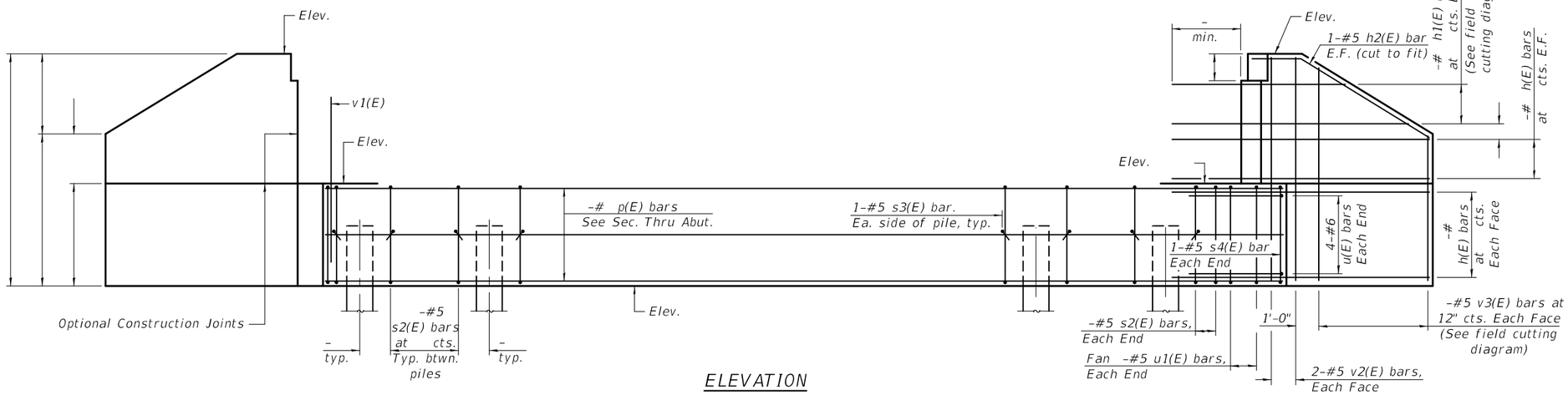
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

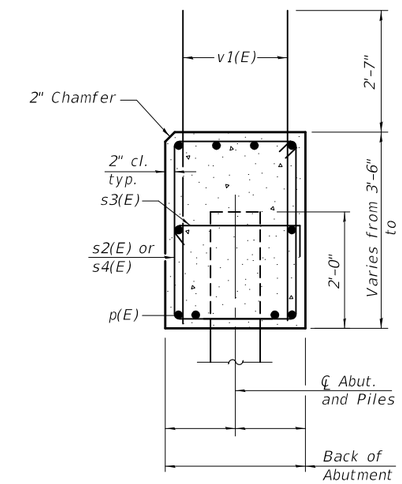
ABUTMENTS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Notes:
Pour steps monolithically with cap.

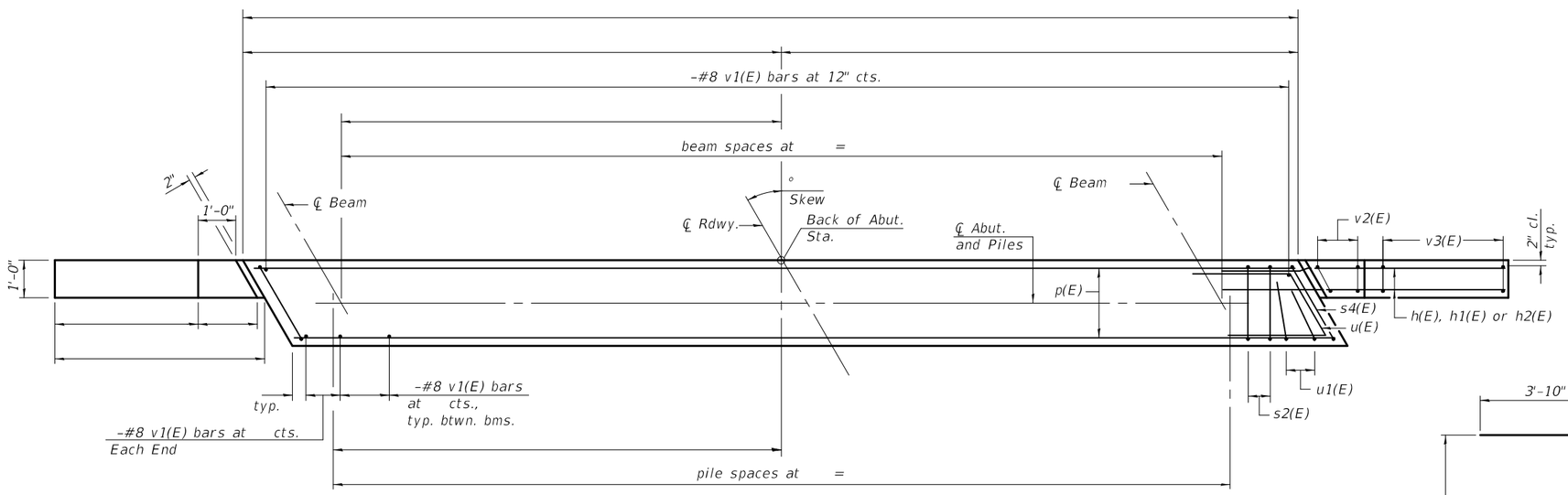


ELEVATION

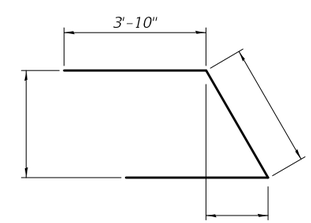


SEC. THRU ABUT.

Dimensions at right angles to abutment.



PLAN



BAR u(E)

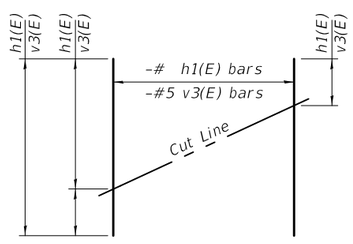
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
s4(E)		#5		
u(E)	8	#6		
u1(E)		#5		
v1(E)		#8	5'-11"	
v2(E)		#5		
v3(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

For details of piles see sheet of .

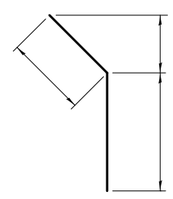
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

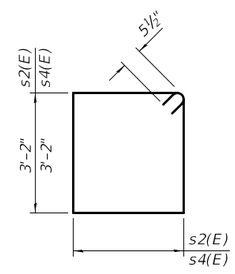


FIELD CUTTING DIAGRAM

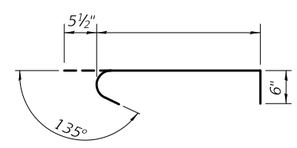
Order h1(E) and v3(E) full length. Cut as shown and use remainder of bars in opposite face.



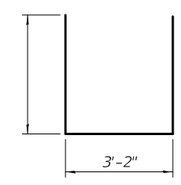
BAR h2(E)



BAR s2(E) & s4(E)



BAR s3(E)



BAR u1(E)

AI->40-L 2-17-2017

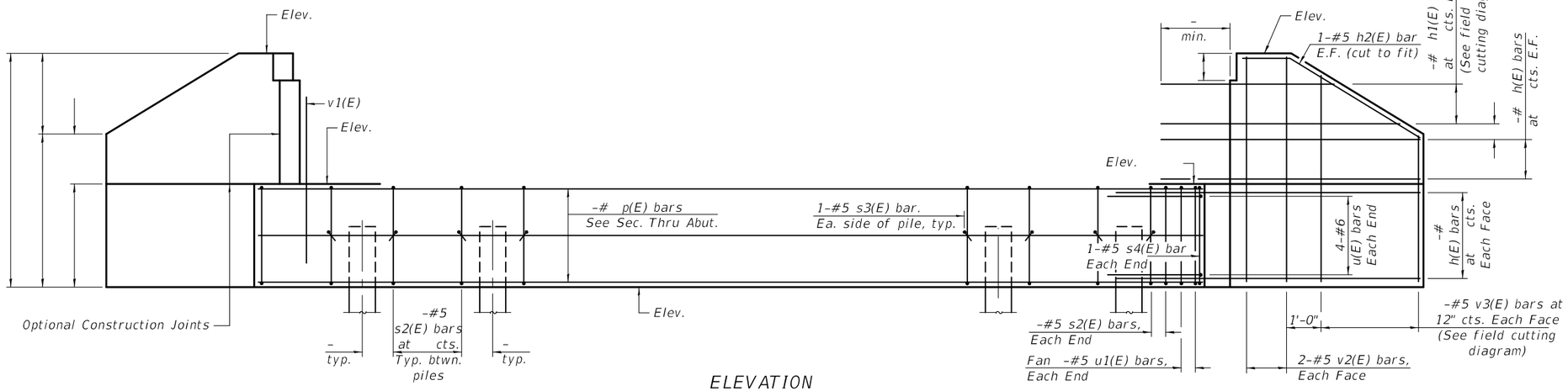
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

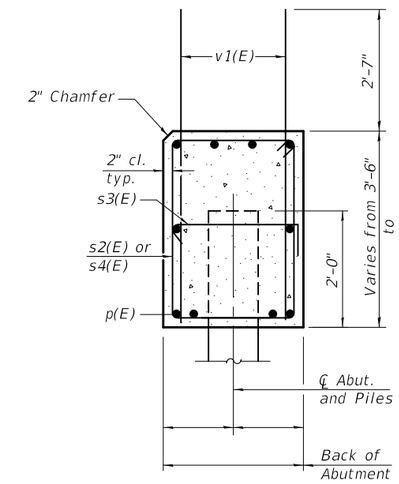
ABUTMENTS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Notes:
Pour steps monolithically with cap.

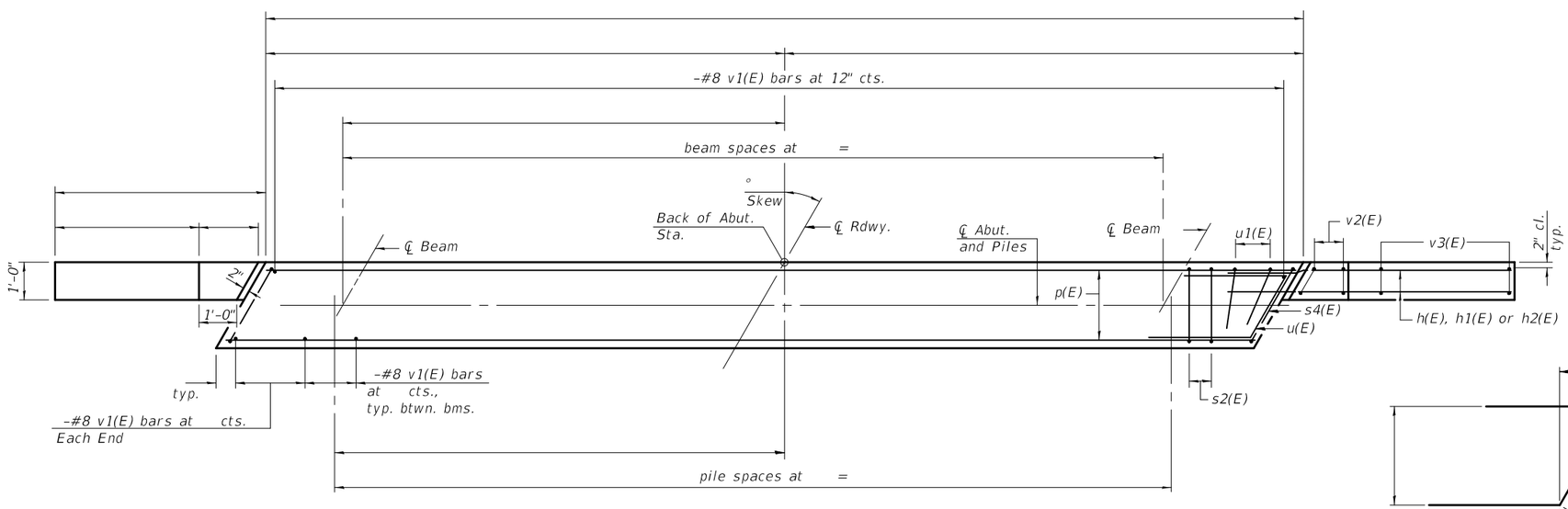


ELEVATION

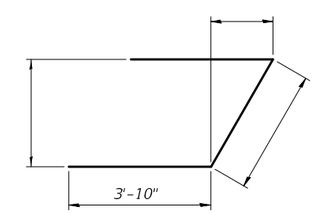


SEC. THRU ABUT.

Dimensions at right angles to abutment.



PLAN



BAR u(E)

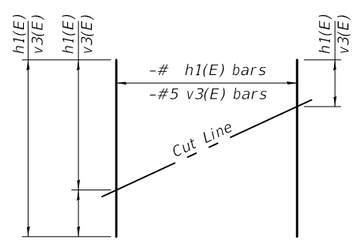
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
s4(E)		#5		
u(E)	8	#6		
u1(E)		#5		
v1(E)		#8	5'-11"	
v2(E)		#5		
v3(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

For details of piles see sheet of .

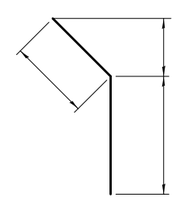
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

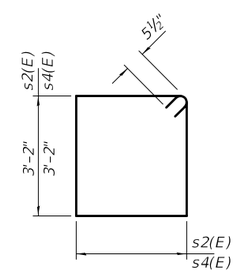


FIELD CUTTING DIAGRAM

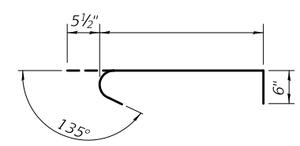
Order h1(E) and v3(E) full length. Cut as shown and use remainder of bars in opposite face.



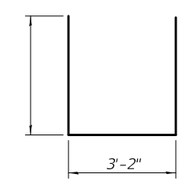
BAR h2(E)



BAR s2(E) & s4(E)



BAR s3(E)



BAR u1(E)

AI->40-R 2-17-2017

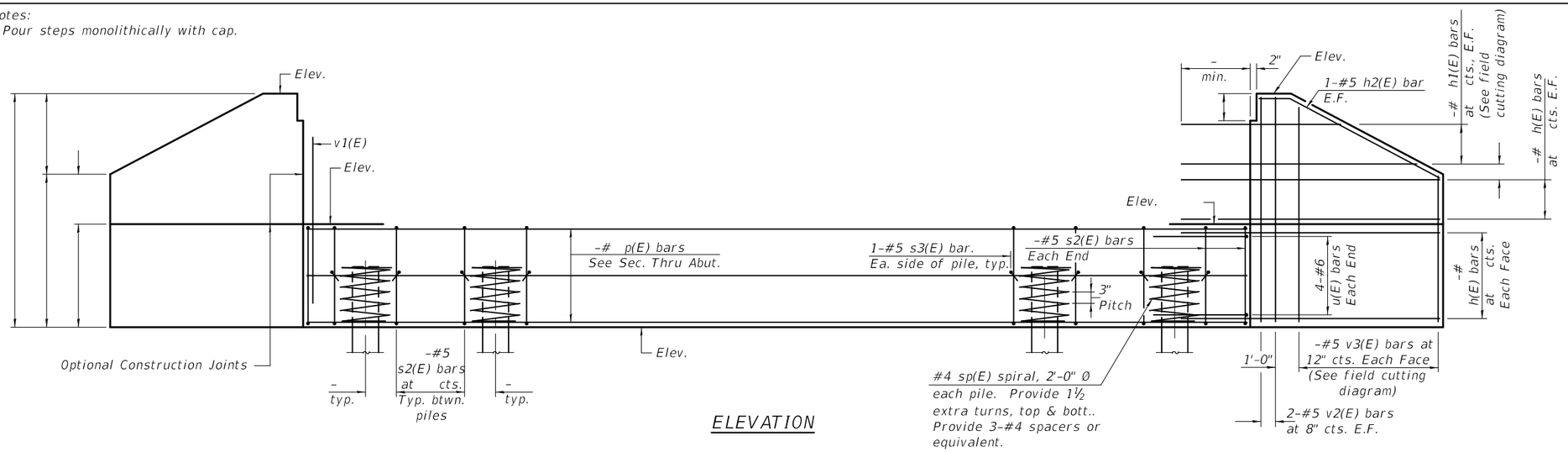
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

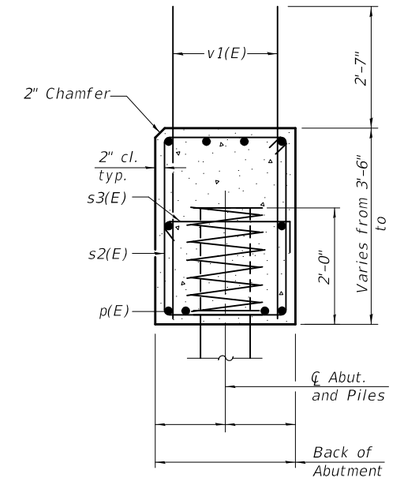
ABUTMENTS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

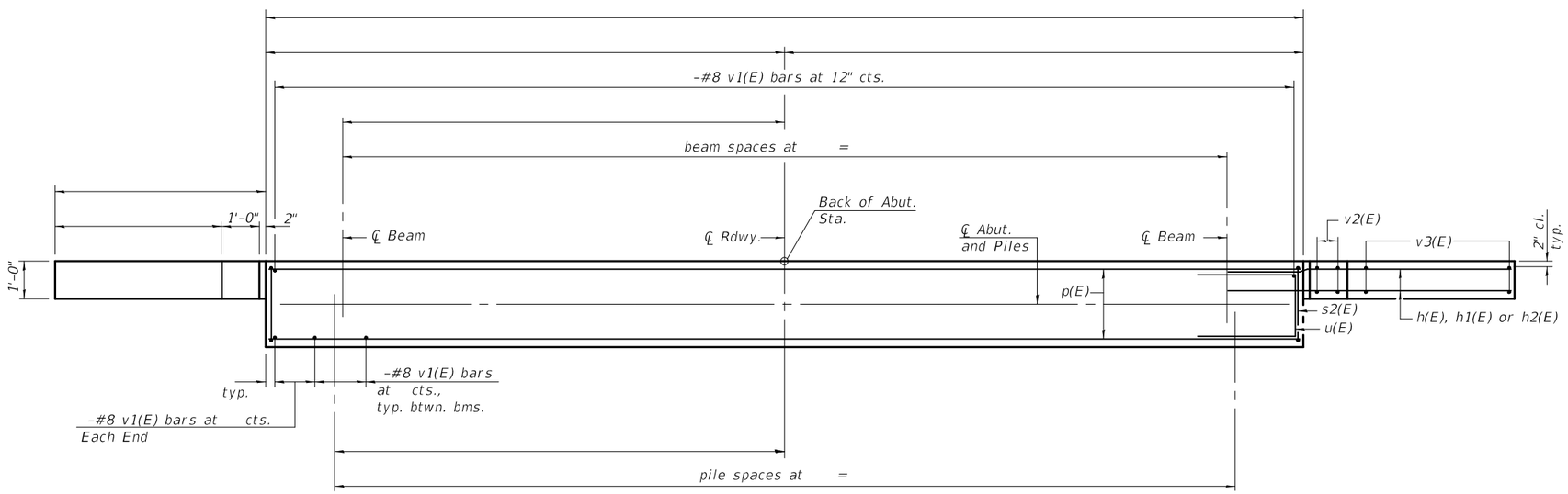
Notes:
Pour steps monolithically with cap.



ELEVATION



SEC. THRU ABUT.



PLAN

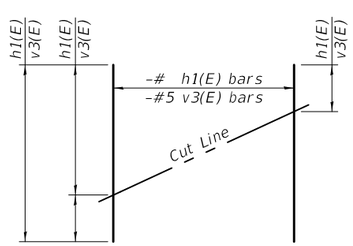
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
* sp(E)		#4	2'-0"	
u(E)	8	#6		
v1(E)		#8	5'-11"	
v2(E)		#5		
v3(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

* Length is height of spiral.
For details of piles see sheet of .

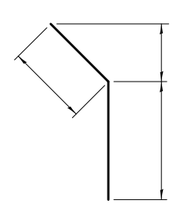
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

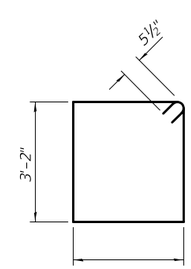


FIELD CUTTING DIAGRAM

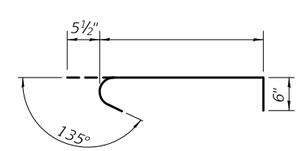
Order h1(E) and v3(E) full length. Cut as shown and use remainder of bars in opposite face.



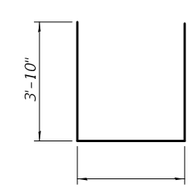
BAR h2(E)



BAR s2(E)



BAR s3(E)

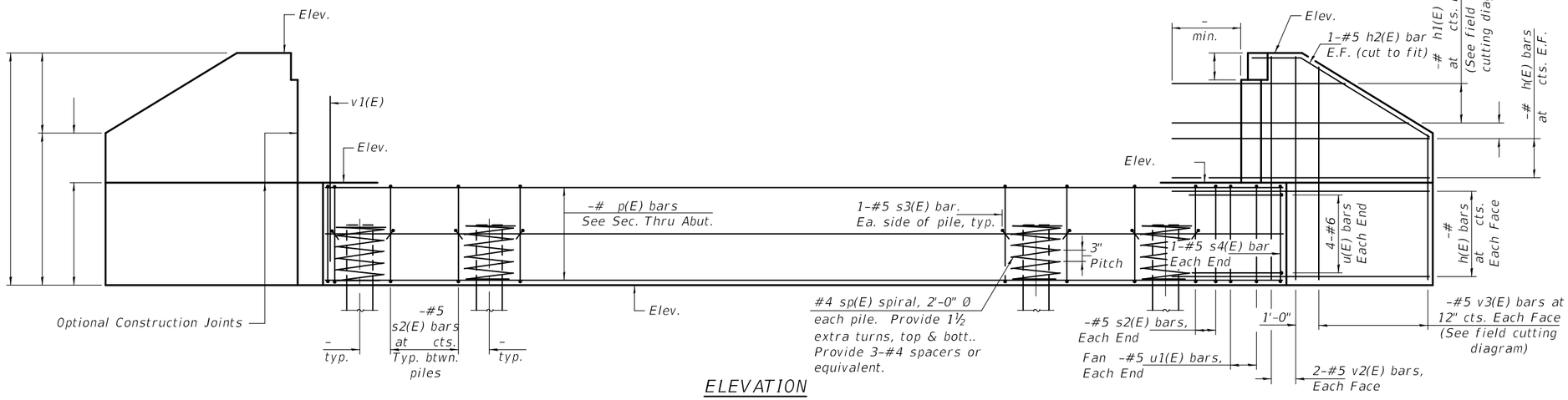


BAR u(E)

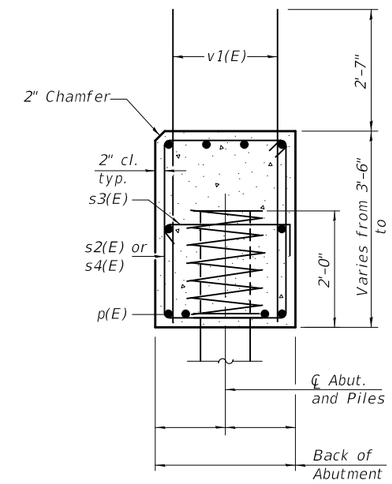
AI->40S-0 2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ABUTMENTS STRUCTURE NO.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -							
	PLOT SCALE =	DRAWN -	REVISED -					CONTRACT NO.		
	PLOT DATE =	CHECKED -	REVISED -				ILLINOIS	FED. AID PROJECT		

Notes:
Pour steps monolithically with cap.

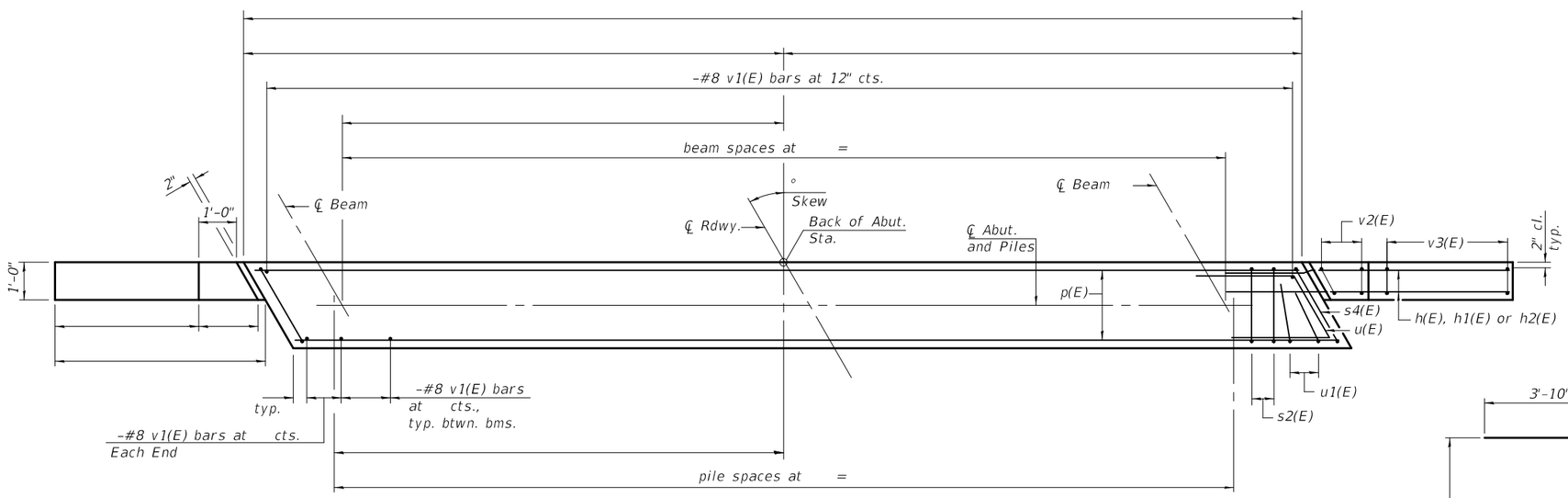


ELEVATION

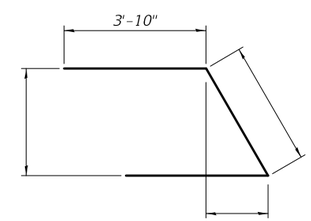


SEC. THRU ABUT.

Dimensions at right angles to abutment.



PLAN



BAR u(E)

BILL OF MATERIAL

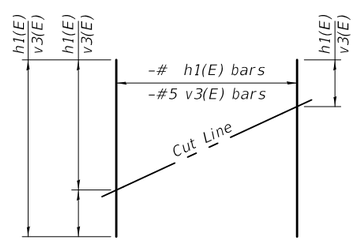
Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
s4(E)		#5		
* sp(E)		#4	2'-0"	
u(E)	8	#6		
u1(E)		#5		
v1(E)		#8	5'-11"	
v2(E)		#5		
v3(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

* Length is height of spiral.

For details of piles see sheet of .

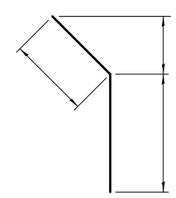
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

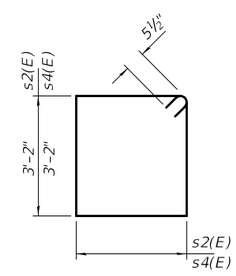


FIELD CUTTING DIAGRAM

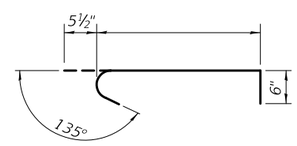
Order h1(E) and v3(E) full length. Cut as shown and use remainder of bars in opposite face.



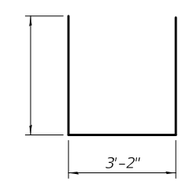
BAR h2(E)



BAR s2(E) & s4(E)



BAR s3(E)



BAR u1(E)

AI->40S-L 2-17-2017

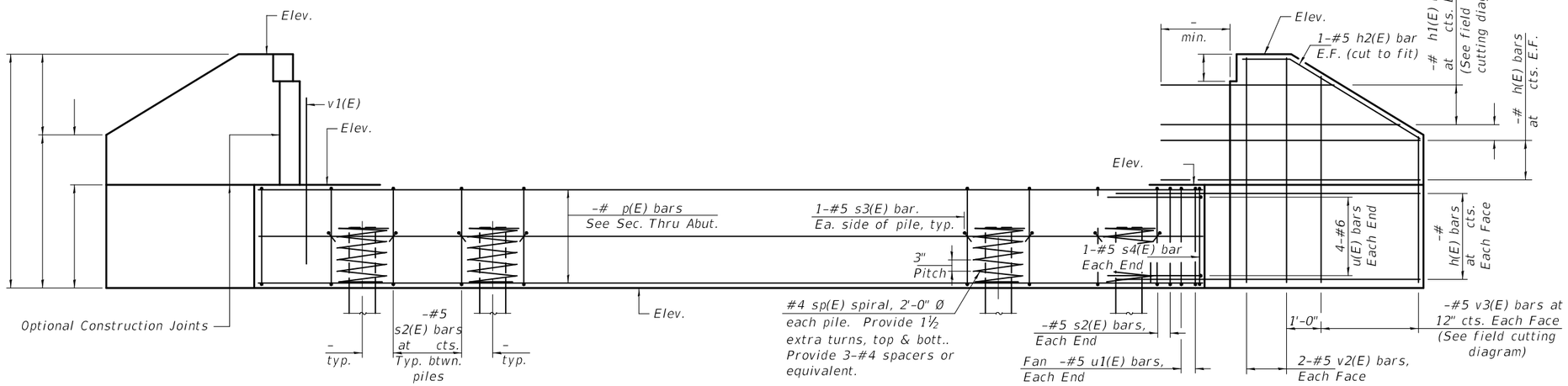
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

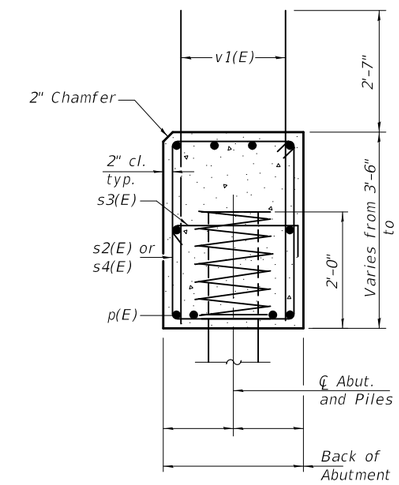
ABUTMENTS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Notes:
Pour steps monolithically with cap.

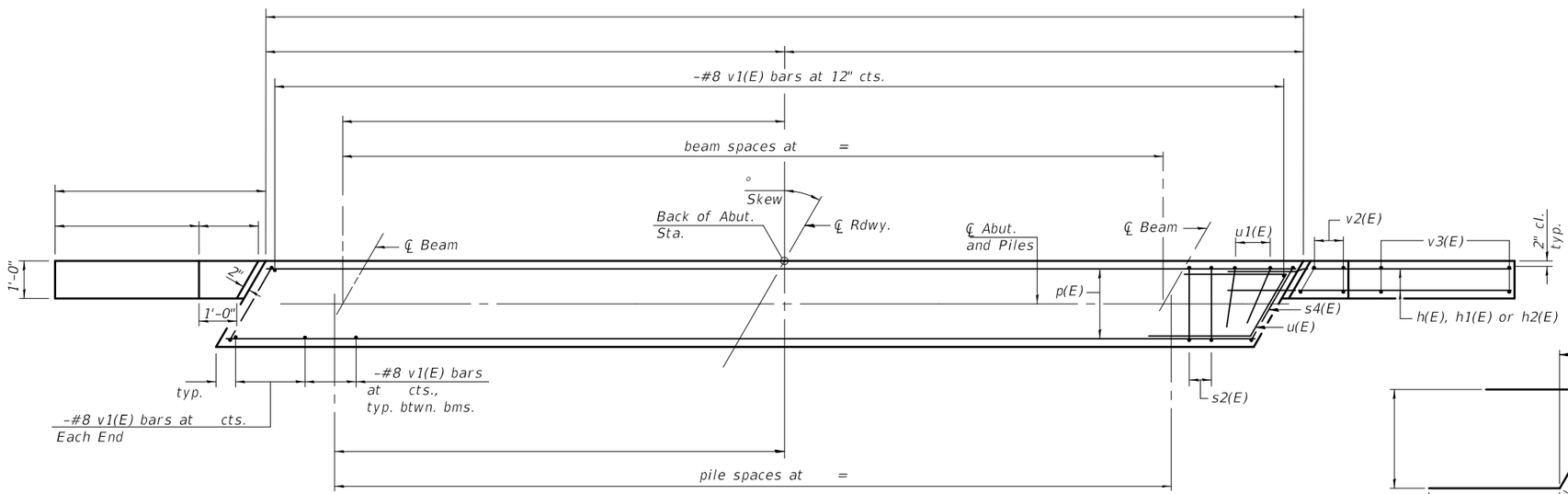


ELEVATION

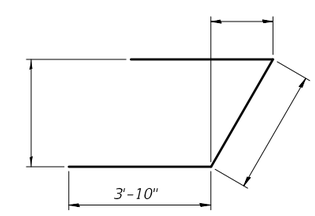


SEC. THRU ABUT.

Dimensions at right angles to abutment.



PLAN



BAR u(E)

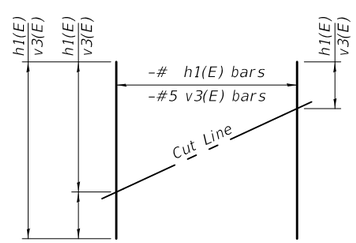
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)		#		
h2(E)	4	#5		
p(E)		#		
s2(E)		#5		
s3(E)		#5		
s4(E)		#5		
* sp(E)		#4	2'-0"	
u(E)	8	#6		
u1(E)	6	#5		
v1(E)		#8	5'-11"	
v2(E)		#5		
v3(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

* Length is height of spiral.
For details of piles see sheet of .

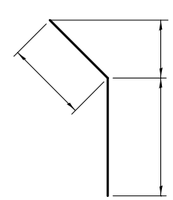
PILE DATA

Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:

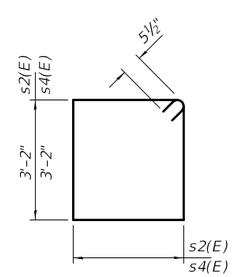


FIELD CUTTING DIAGRAM

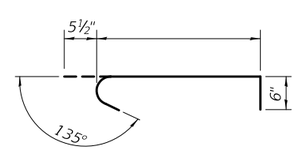
Order h1(E) and v3(E) full length. Cut as shown and use remainder of bars in opposite face.



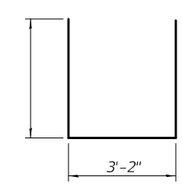
BAR h2(E)



BAR s2(E) & s4(E)



BAR s3(E)



BAR u1(E)

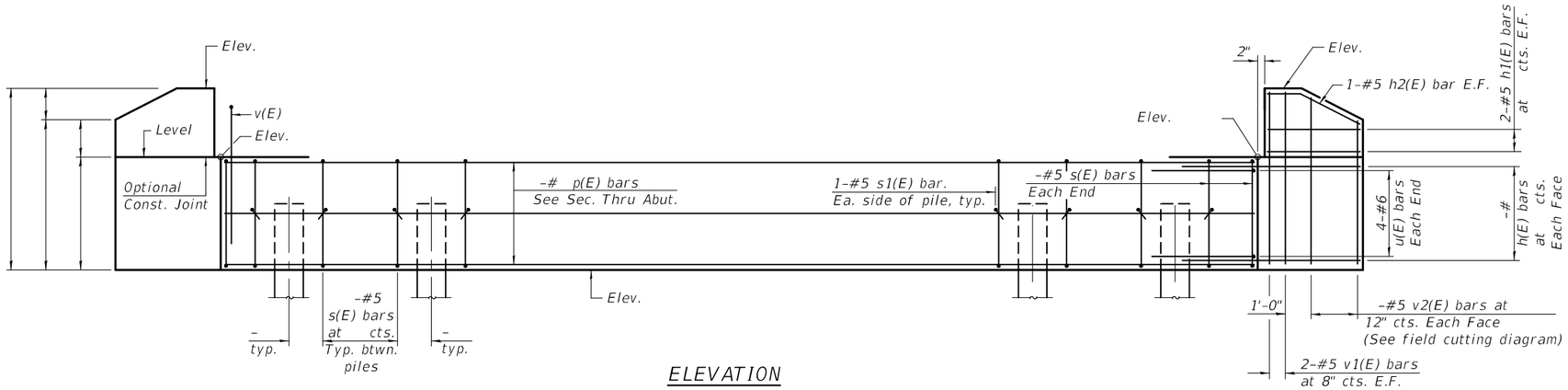
AI->40S-R 2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

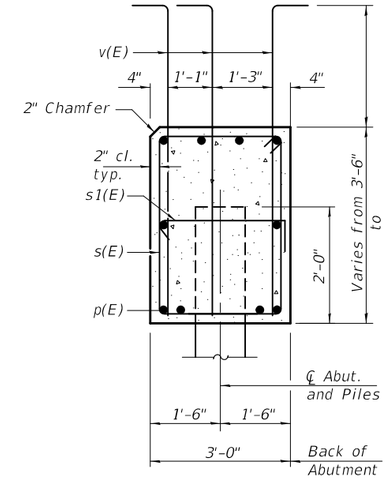
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENTS
STRUCTURE NO.

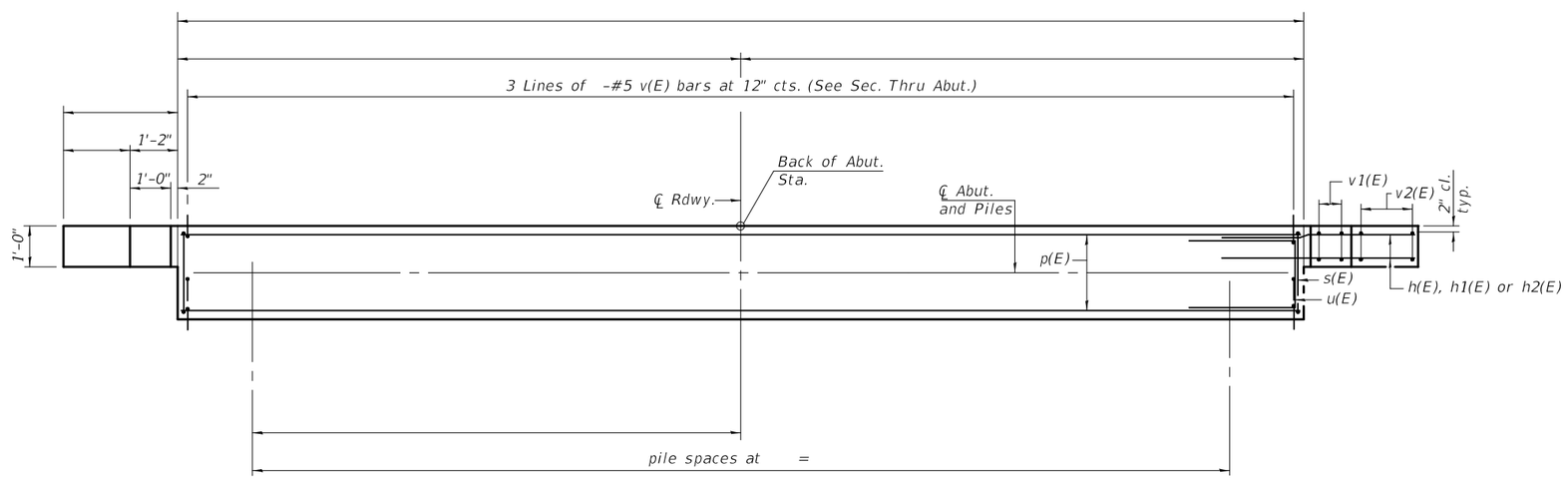
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



ELEVATION



SEC. THRU ABUT.



PLAN

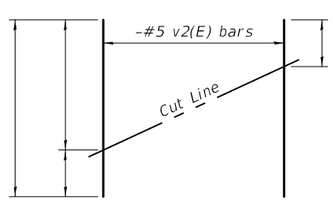
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)	8	#5		
h2(E)	4	#5		
p(E)		#		
s(E)		#5	12'-7"	
s1(E)		#5		
u(E)	8	#6	10'-3"	
v(E)		#5		
v1(E)	8	#5		
v2(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

For details of piles see sheet of .

PILE DATA

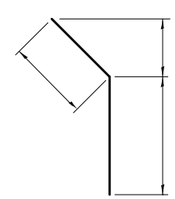
Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:



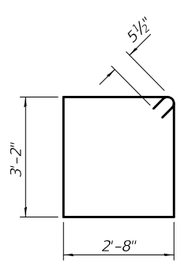
FIELD CUTTING DIAGRAM

Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.

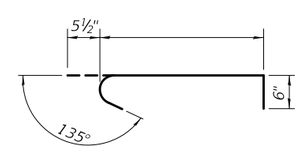
BAR v(E)



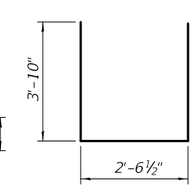
BAR h2(E)



BAR s(E)



BAR s1(E)



BAR u(E)

AIS-0 2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

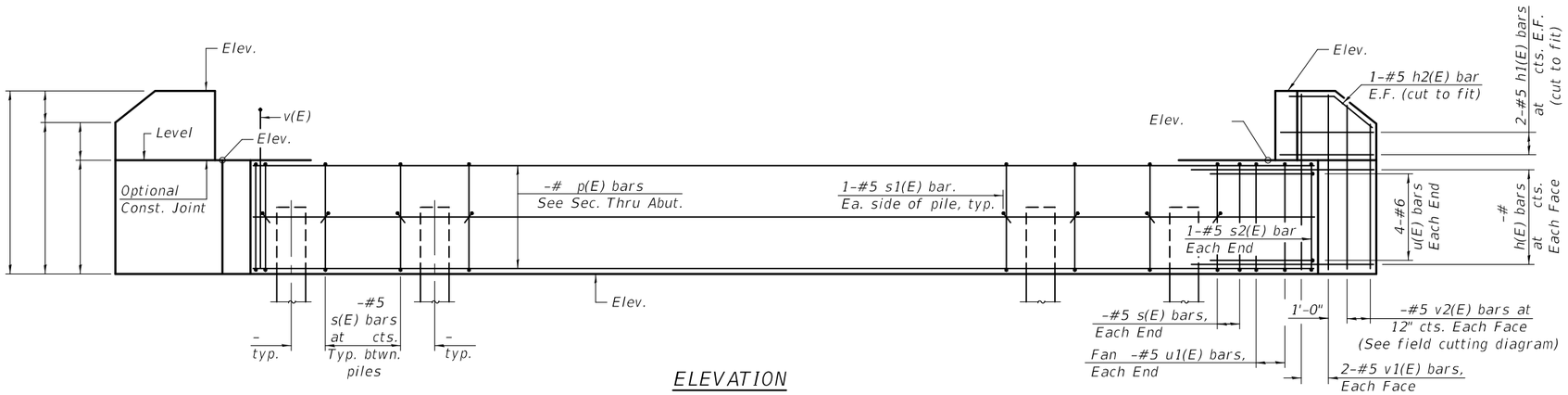
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENTS
STRUCTURE NO.

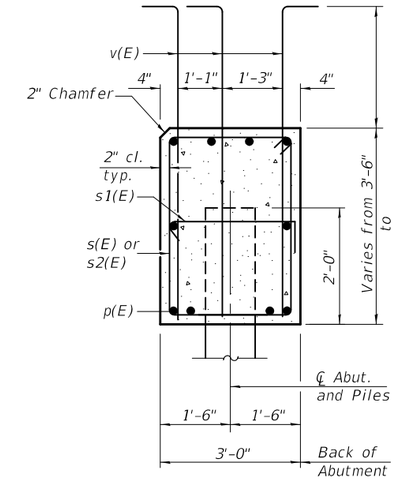
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.

CONTRACT NO.

ILLINOIS FED. AID PROJECT

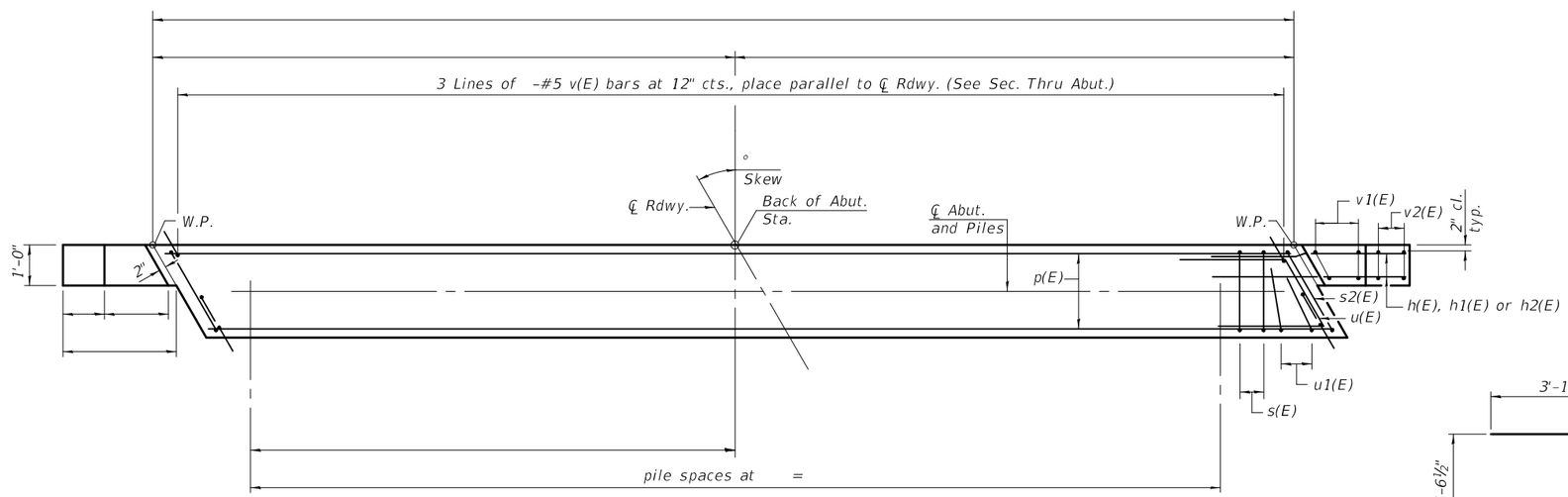


ELEVATION



SEC. THRU ABUT.

Dimensions at right angles to abutment.



PLAN

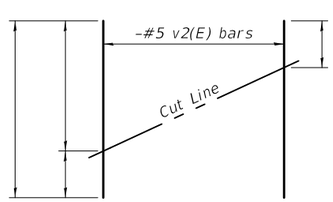
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)	8	#5		
h2(E)	4	#5		
p(E)		#		
s(E)		#5		
s1(E)		#5		
s2(E)		#5		
u(E)	8	#6		
u1(E)		#5		
v(E)		#5		
v1(E)	8	#5		
v2(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

For details of piles see sheet of .

PILE DATA

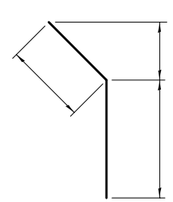
Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:



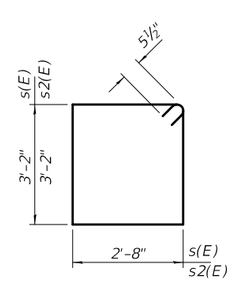
FIELD CUTTING DIAGRAM

Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.

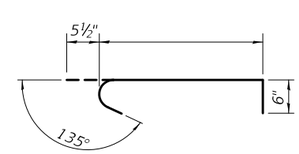
BAR v(E)



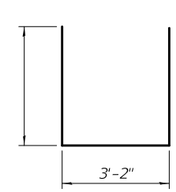
BAR h2(E)



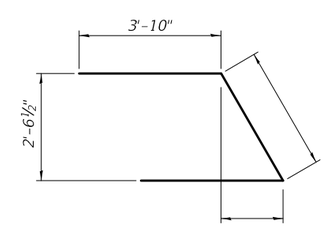
BAR s(E) & s2(E)



BAR s1(E)



BAR u1(E)



BAR u(E)

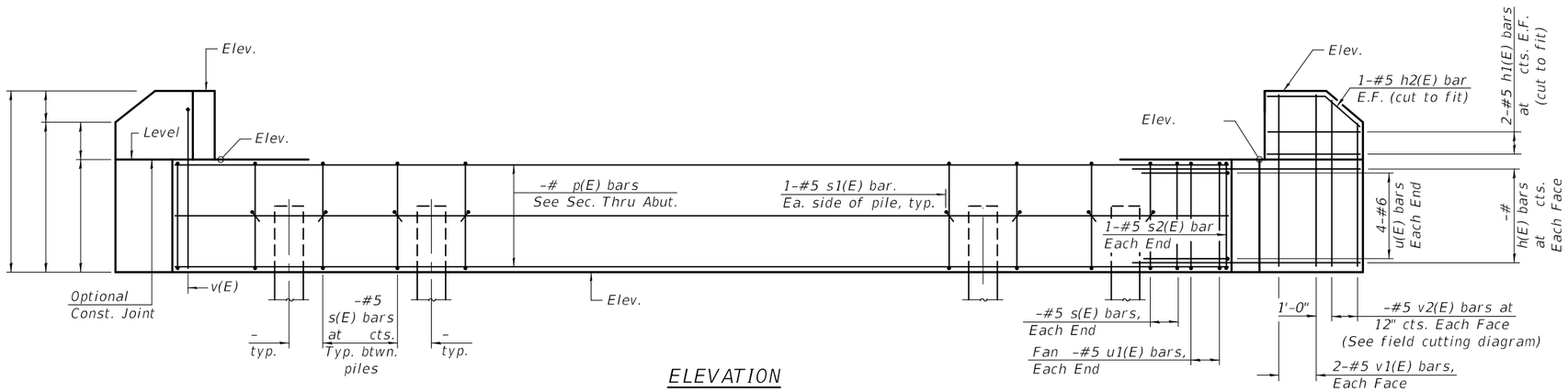
AIS-L 2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

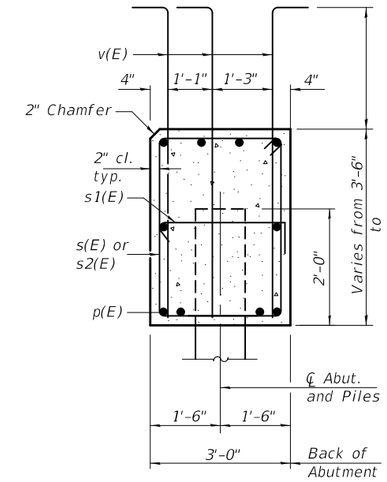
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENTS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

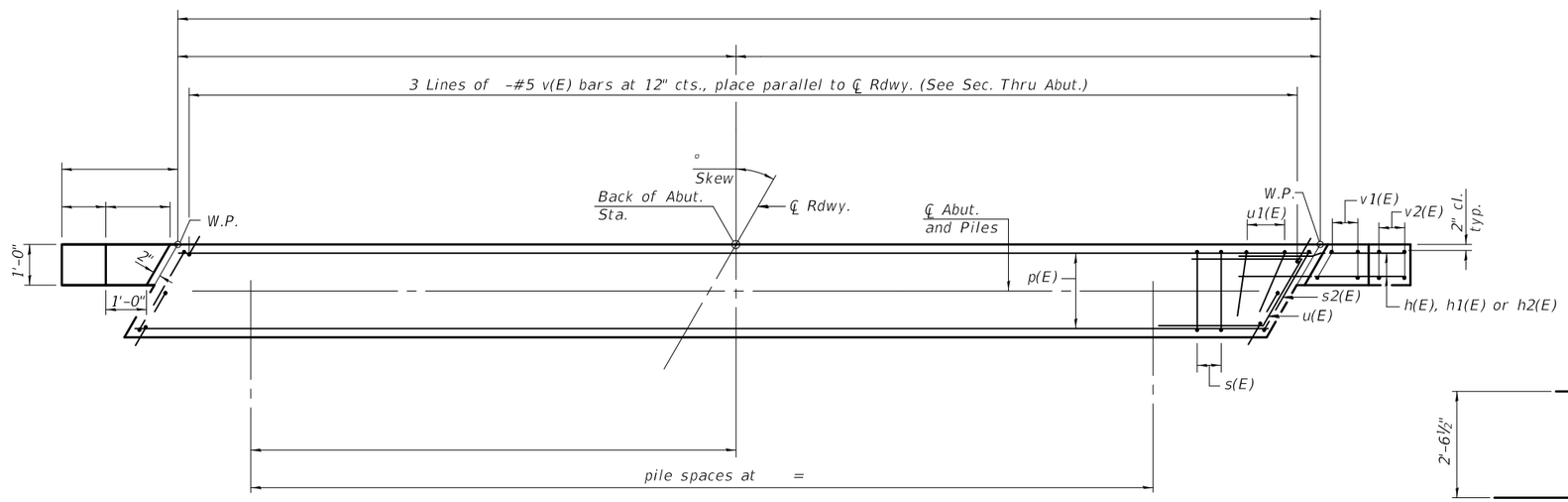


ELEVATION



SEC. THRU ABUT.

Dimensions at right angles to abutment.

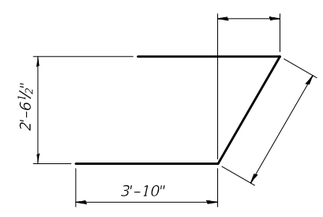


PLAN

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)		#		
h1(E)	8	#5		
h2(E)	4	#5		
p(E)		#		
s(E)		#5	12'-7"	
s1(E)		#5		
s2(E)		#5		
u(E)	8	#6	10'-3"	
u1(E)		#5		
v(E)		#5		
v1(E)	8	#5		
v2(E)		#5		
Structure Excavation			Cu. Yd.	
Concrete Structures			Cu. Yd.	
Reinforcement Bars, Epoxy Coated			Pound	
Furnishing - Piles,			Foot	
Driving Piles			Foot	
Test Pile,			Each	

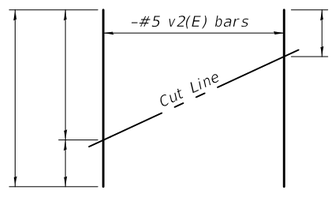
For details of piles see sheet of .



BAR u(E)

PILE DATA

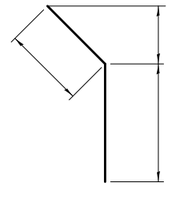
Type:
Nominal Required Bearing:
Factored Resistance Available:
Est. Length:
No. Production Piles:
No. Test Piles:



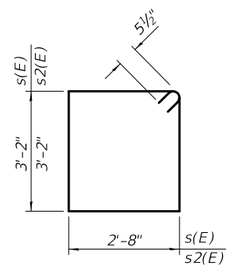
FIELD CUTTING DIAGRAM

Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.

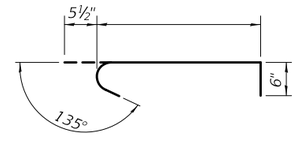
BAR v(E)



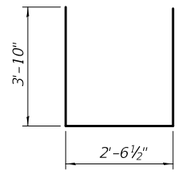
BAR h2(E)



BAR s(E) & s2(E)



BAR s1(E)



BAR u(E)

AIS-R 2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENTS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		