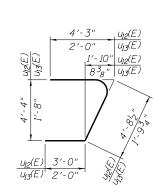
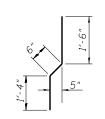


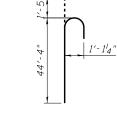
- 2. Install MSE Wall. See SN 016-1323

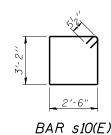
SUGGESTED CONSTRUCTION <u>SEQUENCE</u>

- 1. Install Permant Casing for Drilled Shafts.
- Plans for MSE wall details.
- 3. Pour Concrete for Drilled Shafts.





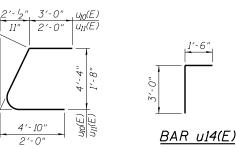




Bar splicer (E) For Exp. Jt. Details for #5 bars See Sheet S18 of S49 € HLMR. Brg.-· v11(E) 6" Dumbbell type $h_{12}(E)$ or $h_{13}(E) \stackrel{!}{\sim}$ nonmetallic water seal - V13(E) Slope 4 Bk. of between bearings h_{IO}(E) or h_{II}(E) Abut. 2" Chamfer - Const. joint V14(E) - p₁₀(E) or p₁₁(E) $p_{12}(E)$ or $p_{13}(E)$ Drilled Shaft

SECTION THRU ABUTMENT

Soil reinforcement and coping are not shown see other "Section Thru Abutment" for details. Casing shown in Section A-A.



BARS u10(E) & u11(E)

Notes:

Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure on sheet S14 of S49.

WEST ABUTMENT BILL OF MATERIAL

h₁₁(E)

h₁₂(E)

P13(E)

S10(E)

sp10(E)

U14(E)

ν₁₁(Ε)

v12(E)

ν<u>13</u>(Ε)

V14(E)

V15

#5 23'-3"

#5 17'-5"

#6 23′-3"

78′-9"

5′-11"

3'-4"

Cu. Yd.

Pound

Pound

Foot

Cu. Yd.

Sq. Ft.

L. Sum

L. Sum

#5 4'-6"

#5 9'-3"

#10 44'-0"

 \sim

6,820

17,740

367

61.0

481

#6

#9

#9

#5

#5

#6

40 #5 2'-6"

#5

#5

8 #9 *17′-5*"

8 #9

4

4

32

40

40

40

36

Concrete Structures

Reinforcement Bars

Reinforcement Bars,

Drilled Shaft in Soil

* Length is height of spiral.

Concrete Sealer

Bulkhead Tunnel

Locate Tunnel

Epoxy Coated Permanent Casing

Space reinforcement in cap to miss anchor bolts.

Pour steps monolithically with cap. For details of Bar Splicers, see sheet S43 of S49.

Quantity of embankment fill is included

with roadway quantities.

Min. lap for spirals = 2'-6".

и <u>із</u> (Е)' 2'-0" '			34/35		
<u>BARS</u>	u12(E)	&	u13(E)		

BAR v12(E) BAR v10(E)

WEST ABUTMENT DETAILS STRUCTURE NO. 016-1322 SHEET NO. S36 OF S49 SHEETS

F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
0383	0303-474HB-R		COOK	368	228
			CONTRACT	NO. 6	0F63
	ILLINOIS FEE	. AID	PROJECT		

COLLINS 123 N. Rocker Dr. 11- 60606 Chiral 930 Chiral 9

USER NAME =	DESIGNED - MAH	KEAIZED
	CHECKED - LDB	REVISED
PLOT SCALE =	DRAWN - DR	REVISED
PLOT DATE =	CHECKED - JMH	REVISED

SECTION A-A

Existing 8' \$\phi\$ tunnel is located near

West Abutment. Contractor shall field locate the tunnel within a 20' radius of the proposed caissons. If the

bulkheaded. Cost of locating tunnel paid for as Locate Tunnel. If tunnel

tunnel is found, the tunnel shall be

bulkheading is required, cost of

Details sheets.

bulkheading paid for as Bulkhead

Tunnel. See Special Provisions and Existing Tunnel Bulkhead Notes and

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**