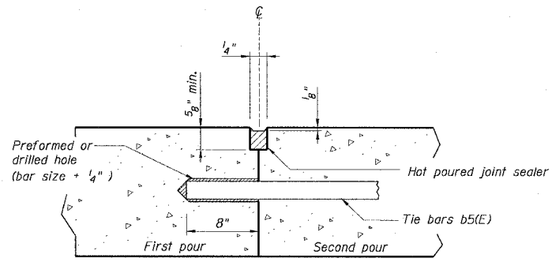
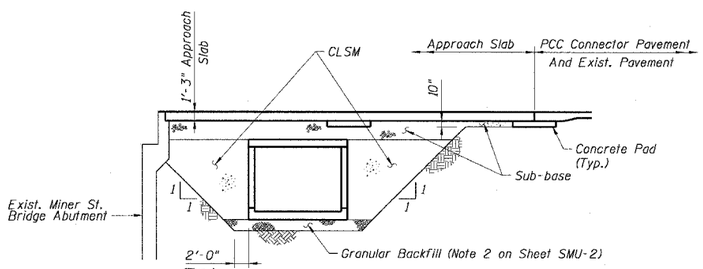
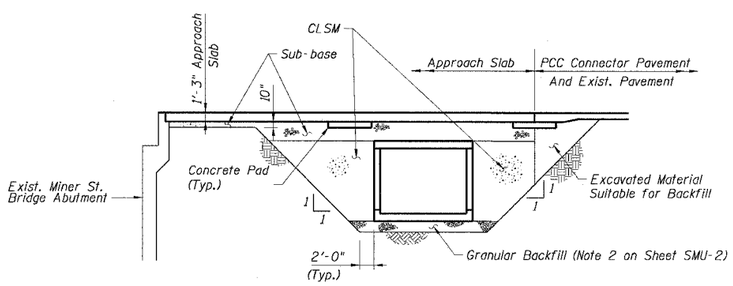


LONGITUDINAL CONSTRUCTION JOINT

(Tie Bar Grouted in place)



SECTION A_A

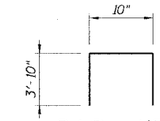


SECTION B-B

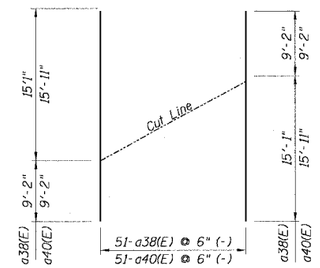
LIMITS OF EXCAVATION AND BACKFILL

CLSM denotes Controlled Low-Strength Material. Upper pay limit of CLSM shall be the top of culvert top slab. Unit weight of CLSM shall be between 110 pcf and 130 pcf. Side slopes shall be stepped or serrated to prevent wedging action of the backfill against the structure.

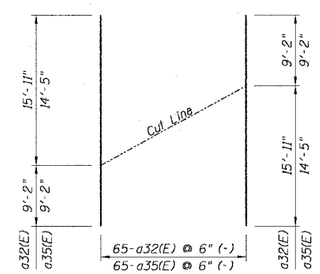
Sub-base denotes Sub-base Granular Material, Type B.



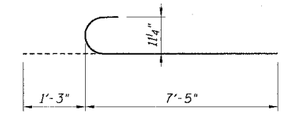
BAR u1(E)



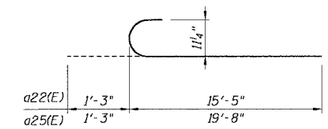
BARS a38(E) & a40(E) CUTTING DIAGRAM WEST BOUND



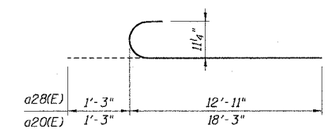
BARS a32(E) & a35(E) CUTTING DIAGRAM EAST BOUND



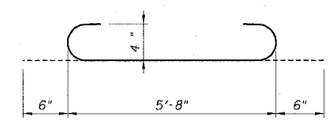
BAR a2(E)



BARS a22(E) & a25(E)



BARS a28(E) & a30(E)



BARS a51(E)

NOTE:

Rotate a10(E) and a30(E) bar hooks in field to maintain required bar clearances.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	66	#5	16'-0"	
a2(E)	283	#9	8'-8"	
a3(E)	6	#5	17'-6"	
a4(E)	25	#5	17'-2"	
a6(E)	6	#5	27'-3"	
a7(E)	52	#5	14'-2"	
a9(E)	52	#5	16'-4"	
a11(E)	115	#4	16'-0"	
a22(E)	65	#9	16'-8"	
a25(E)	65	#9	20'-11"	
a28(E)	51	#9	14'-2"	
a30(E)	51	#9	19'-6"	
a32(E)	33	#9	25'-1"	
a35(E)	33	#9	23'-7"	
a38(E)	26	#9	24'-3"	
a40(E)	26	#4	25'-1"	
a50(E)	106	#4	5'-8"	
a51(E)	106	#4	6'-8"	
b1(E)	36	#4	17'-5"	
b2(E)	120	#5	17'-5"	
b3(E)	34	#4	13'-9"	
b4(E)	112	#5	13'-9"	
b5(E)	116	#6	2'-0"	
h1(E)	48	#5	17'-6"	
h2(E)	48	#5	19'-5"	
h3(E)	48	#5	16'-2"	
u1(E)	23	#4	8'-6"	

Bridge Approach Pavement (Special)	Sq. Yd.	358
Bridge Approach Pavement Connector (PPC)	Sq. Yd.	61
Protective Coat	Sq. Yd.	419
For Information Only		
Reinforcement Bars, Epoxy Coated	Pound	44110
Bar Splicer	Each	48

DESIGNED BY: DGC CHECKED BY: BJM
DRAWN BY: RJ CHECKED BY: BJM

PLANS PREPARED BY:

CTE | AECOM

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REVISION	
DATE	DESCRIPTION

SCALE: NONE

SMU-10 FR-416

MINER ST. APPROACH SLAB DETAILS

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