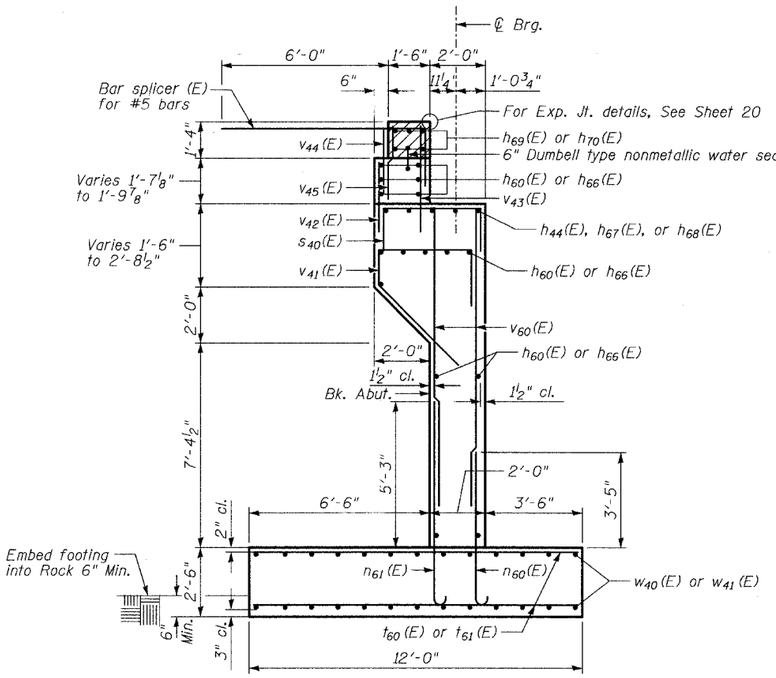
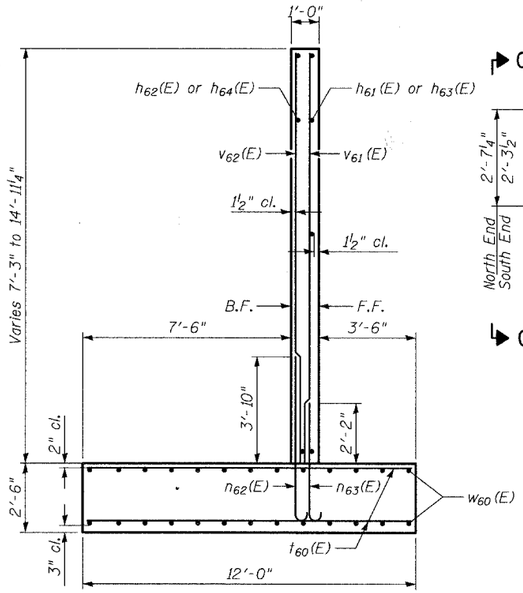
F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	•	DUPAGE	563	349
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

SHEET NO. - 35
50 - SHEETS

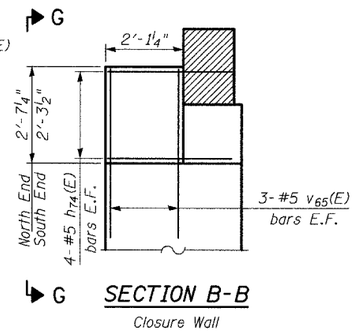
• 00-00114-00-PV CONTRACT NO. 63024



SECTION A-A



SECTION C-C



SECTION B-B

Closure Wall

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$h_{44}(E)$	10	#5	22'-9"	
$h_{60}(E)$	66	#5	28'-5"	
$h_{61}(E)$	8	#5	23'-8"	
$h_{62}(E)$	8	#5	23'-4"	
$h_{63}(E)$	4	#5	23'-7"	
$h_{64}(E)$	4	#5	22'-11"	
$h_{65}(E)$	2	#5	23'-1"	
$h_{66}(E)$	99	#5	31'-6"	
$h_{67}(E)$	5	#5	20'-5"	
$h_{68}(E)$	5	#5	28'-2"	
$h_{69}(E)$	10	#6	28'-7"	
$h_{70}(E)$	15	#6	31'-10"	
$h_{71}(E)$	2	#5	10'-11"	
$h_{72}(E)$	4	#5	2'-5"	
$h_{73}(E)$	2	#5	7'-7"	
$h_{74}(E)$	16	#5	3'-4"	
$h_{75}(E)$	21	#7	13'-11"	
$h_{76}(E)$	12	#7	12'-10"	
$h_{77}(E)$	8	#7	6'-8"	
$h_{78}(E)$	2	#7	15'-0"	
$h_{79}(E)$	2	#7	8'-0"	
$h_{95}(E)$	14	#7	2'-11"	
$h_{96}(E)$	28	#7	7'-4"	
$h_{98}(E)$	2	#5	4'-4"	
$h_{99}(E)$	2	#5	6'-1"	
$n_{60}(E)$	141	#5	6'-3"	
$n_{61}(E)$	141	#7	8'-4"	
$n_{62}(E)$	25	#5	5'-0"	
$n_{63}(E)$	33	#8	7'-0"	
$n_{64}(E)$	408	#9	8'-0"	
$n_{65}(E)$	4	#6	6'-10"	
$s_{40}(E)$	95	#5	6'-8"	
$s_{41}(E)$	27	#5	7'-8"	

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$t_{60}(E)$	304	#8	11'-8"	
$t_{61}(E)$	30	#8	12'-3"	
$v_{41}(E)$	147	#5	10'-11"	
$v_{42}(E)$	147	#4	2'-9"	
$v_{43}(E)$	147	#4	3'-10"	
$v_{44}(E)$	147	#5	2'-4"	
$v_{45}(E)$	147	#4	2'-11"	
$v_{60}(E)$	294	#5	10'-8"	
$v_{61}(E)$	11	#5	21'-6"	
$v_{62}(E)$	15	#6	21'-9"	
$v_{63}(E)$	3	#5	14'-9"	
$v_{64}(E)$	3	#6	14'-9"	
$v_{65}(E)$	12	#5	4'-6"	
$v_{66}(E)$	6	#5	15'-8"	
$v_{67}(E)$	6	#5	18'-0"	
$v_{68}(E)$	4	#5	10'-8"	
$v_{69}(E)$	8	#5	5'-2"	
$w_{60}(E)$	52	#6	41'-8"	
$w_{61}(E)$	52	#6	43'-8"	
v_{60}	192	#9	12'-8"	
v_{61}	216	#9	17'-7"	
v_{62}	12	#9	21'-9"	
* sp_{60}	16	#4	13'-0"	
* sp_{61}	18	#4	18'-0"	
* sp_{62}	1	#4	22'-0"	

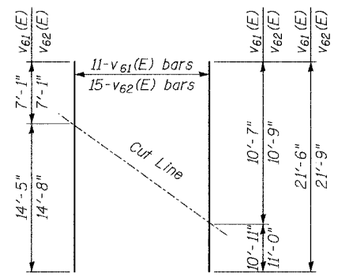
Structure Excavation	Cu Yd	1,273
Concrete Structures	Cu Yd	377
Reinforcement Bars	Pound	27,610
Reinforcement Bars, Epoxy Coated	Pound	49,870
Bridge Seat Sealer	Sq Ft	291
Concrete Sealer	Sq Ft	1,453
Geocomposite Wall Drain	Sq Yd	163
Porous Granular Embankment, Special	Cu Yd	234
Bar Splicers	Each	173
Drilled Shaft in Soil	Cu Yd	40.4
Drilled Shaft in Rock	Cu Yd	71.8

Min. lap for spirals = 1'-8"

* Length is height of spiral.

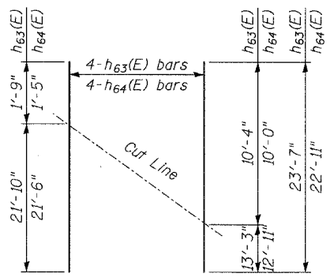
FIELD CUTTING DIAGRAM

Order $v_{61}(E)$ and $v_{62}(E)$ bars full length. Cut to fit and use the remainder of bars in adjacent end.



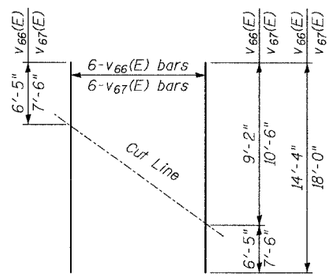
FIELD CUTTING DIAGRAM

Order $h_{63}(E)$ and $h_{64}(E)$ bars full length. Cut to fit and use the remainder of bars in adjacent end.



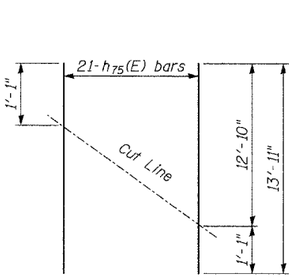
FIELD CUTTING DIAGRAM

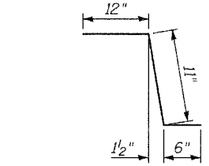
Order $v_{66}(E)$ and $v_{67}(E)$ bars full length. Cut to fit and use the remainder of bars in the opposite face.



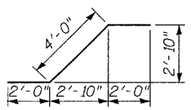
FIELD CUTTING DIAGRAM

Order $h_{75}(E)$ bars full length. Cut to fit and use the remainder of bars in the opposite face.

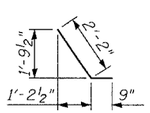




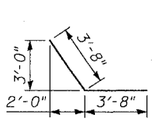
BAR $h_{72}(E)$



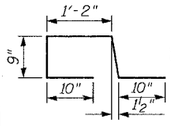
BAR $h_{79}(E)$



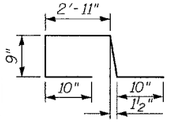
BAR $h_{95}(E)$



BAR $h_{96}(E)$



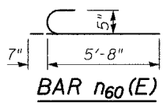
BAR $h_{98}(E)$



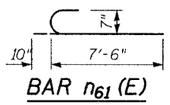
BAR $h_{99}(E)$

TYLIN INTERNATIONAL

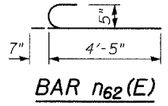
DESIGNED	-	PL
CHECKED	-	SP
DRAWN	-	PL
CHECKED	-	SP



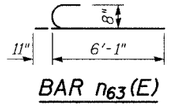
BAR $n_{60}(E)$



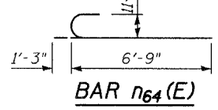
BAR $n_{61}(E)$



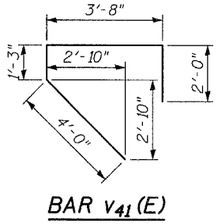
BAR $n_{62}(E)$



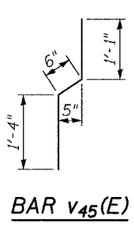
BAR $n_{63}(E)$



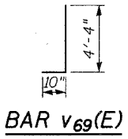
BAR $n_{64}(E)$



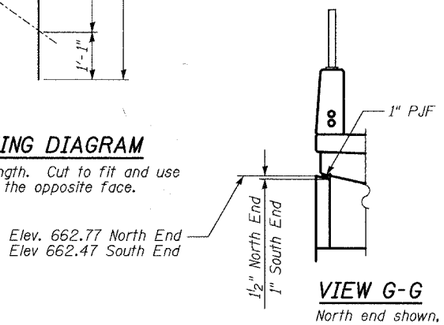
BAR $v_{41}(E)$



BAR $v_{45}(E)$



BAR $v_{69}(E)$



VIEW G-G

North end shown, south end opposite hand.

NOTE:

1. Hatched area to be poured after Superstructure falsework has been removed. Quantity of Concrete included with Concrete Superstructure.

REVISIONS	
NAME	DATE

EAST ABUTMENT SECTIONS AND DETAILS

75th STREET OVER THE
WEST BRANCH OF THE DUPAGE RIVER
FAP 369
SECTION 00-00114-00-PV STA. 151+38.03
DUPAGE COUNTY
S.N. 022-3118

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