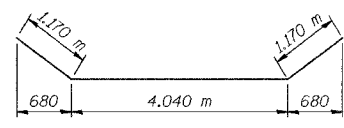
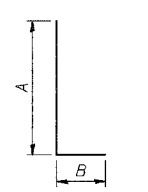


BAR h 111 (E)

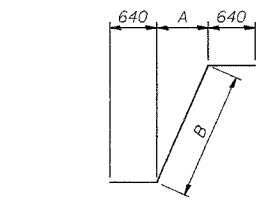
BAR h 112 (E)



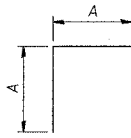
BAR h 107 (E)



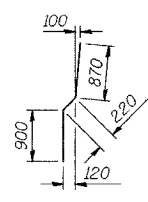
BARS n 100 (E) thru n 108 (E)



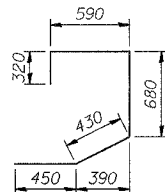
BARS w 107 (E), w 109 (E), w 111 (E) or w 113 (E)



BARS w 108 (E), w 110 (E), w 112 (E) or w 114 (E)



BARS v 102 (E)



BAR v 109 (E)

BAR DIMENSIONS

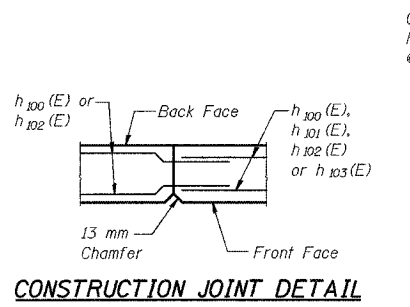
Bar	A	B
n 100 (E)	482 m	260
n 101 (E)	4.82 m	400
n 102 (E)	4.62 m	260
n 103 (E)	4.62 m	400
n 104 (E)	3.42 m	260
n 105 (E)	3.42 m	320
n 106 (E)	2.06 m	260
n 107 (E)	2.06 m	320
n 108 (E)	1.21 m	260
w 107 (E)	1.37 m	1.94 m
w 108 (E)	1.37 m	-
w 109 (E)	1.07 m	1.51 m
w 110 (E)	1.07 m	-
w 111 (E)	770	1.09 m
w 112 (E)	770	-
w 113 (E)	970	1.37 m
w 114 (E)	970	-

BILL OF MATERIAL

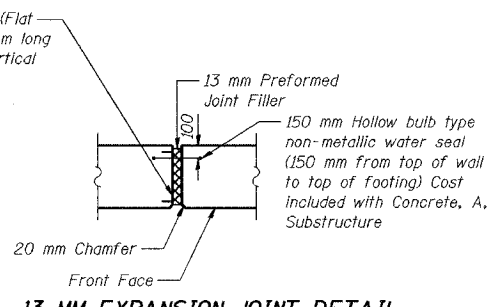
Bar	No.	Size	Length (m)	Shape
n 100 (E)	106	#15	5.29	—
n 101 (E)	507	#15	7.10	—
n 102 (E)	979	#15	7.84	—
n 103 (E)	24	#15	5.40	—
n 104 (E)	54	#15	2.30	—
n 105 (E)	22	#15	1.10	—
n 106 (E)	2	#15	2.15	—
n 107 (E)	16	#15	6.38	—
n 108 (E)	30	#15	7.90	—
n 109 (E)	2	#15	6.93	—
n 110 (E)	8	#15	0.90	—
n 111 (E)	272	#20	2.86	—
n 112 (E)	4	#20	2.74	—
n 113 (E)	16	#15	0.60	—
n 114 (E)	67	#15	2.11	—
n 100 (E)	282	#15	5.08	J
n 101 (E)	552	#25	5.22	J
n 102 (E)	225	#15	4.88	J
n 103 (E)	441	#25	5.02	J
n 104 (E)	298	#15	3.68	J
n 105 (E)	582	#20	3.74	J
n 106 (E)	44	#15	2.32	J
n 107 (E)	77	#20	2.38	J
n 108 (E)	56	#15	1.47	J
v 100 (E)	371	#25	4.10	—
v 101 (E)	1007	#20	4.10	—
v 102 (E)	921	#20	3.70	—
v 103 (E)	72	#20	2.70	—
v 100 (E)	282	#15	4.22	—
v 101 (E)	282	#20	3.28	—
v 102 (E)	851	#20	1.99	I
v 103 (E)	225	#15	3.46	—
v 104 (E)	225	#20	2.52	—
v 105 (E)	300	#15	3.60	—
v 106 (E)	300	#20	2.66	—
v 107 (E)	48	#15	3.75	—
v 108 (E)	44	#20	2.75	—
v 109 (E)	402	#20	2.47	J
v 110 (E)	14	#15	4.03	—
v 111 (E)	21	#15	4.73	—
w 100 (E)	60	#15	8.52	—
w 101 (E)	210	#15	9.90	—
w 102 (E)	240	#15	8.84	—
w 103 (E)	130	#15	9.29	—
w 104 (E)	26	#15	4.85	—
w 105 (E)	130	#15	8.10	—
w 106 (E)	52	#15	5.59	—
w 107 (E)	15	#15	3.22	J
w 108 (E)	15	#15	2.74	J
w 109 (E)	15	#15	2.79	J
w 110 (E)	15	#15	2.14	J
w 111 (E)	26	#15	2.37	J
w 112 (E)	26	#15	1.54	J
w 113 (E)	13	#15	2.65	J
w 114 (E)	13	#15	1.94	J
w 115 (E)	20	#15	7.90	—
Test Pile, 356 mm	Each	5		
Excavation, Foundation, Unclassified	m ³	2,794.1		
Concrete, A, Substructure	m ³	1,609.4		
Reinforcing Bars, Epoxy Coated	kg	107,030		
Surface Seal	L Sum	0.03		
Pile, Concrete, Steel Shell Encased, 6.35 mm, 356 mm Geocomposite Wall Drain	m ²	1,119		
Pipe, Underdrain, Perf, 1.63 mm, 150 mm	m	253.5		
Noise Abatement Wall Anchor Rod Assembly	Each	69		
Span Anchor Rod Assembly	Each	2		
B Borrow	m ³	840.2		
Structural Backfill	m ³	3,988.3		
Masonry Coating	L Sum	0.07		

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET
68-14	2626.2-R-2	LAKE COUNTY, INDIANA	1207	1057

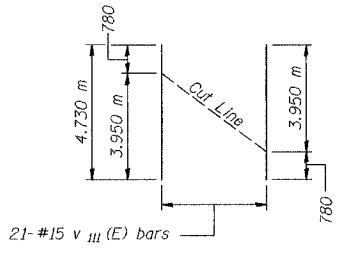
CONTRACT NO. 62114 INDOT DES. NO. 0100987 SHEET NO. S-15 20 SHEETS



CONSTRUCTION JOINT DETAIL



13 MM EXPANSION JOINT DETAIL



FIELD CUTTING DIAGRAM

Order v 111 (E) bars full length. Cut as shown and use remainder of bars in opposite face.

DESIGNED	KFA
CHECKED	BPS
DRAWN	MJB
CHECKED	GSP

The estimated Surface Seal area is 440.2 m²
The estimated Masonry Coating area is 440.2 m²

NOTES:
See Sheet S-14 for Wall and Parapet Sections and Anchor Rod Assembly Details
See Sheet S-16 for Rustication details.
Reinforcement bars designated (E) shall be epoxy coated.
All dimensions are in millimeters (mm) except as noted.
See Typical Section on Sheet S-2 for Drainage Details and Surface Seal Limits.

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41
WALL SECTIONS AND DETAILS (2 OF 2)
SECTION 2626.2-R-2
LAKE COUNTY, INDIANA
STATION 7+945.232 TO STATION 8+196.892
STRUCTURE NO. 016-W919
DATE 09/05
AMERICAN
CONSULTING ENGINEERS