FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

36
81

LAKE COUNTY
ASHTABULA COUNTY
LAK-1-12.89
ATB-1-0.00

S.R. 90 INTERCHANGE

QUANTITIES

STATION	CODE NUMBER AND SIZE: N-12-72 72X60			D-1-72 72X11	D-4-96 96X18	M-2-24 24X24	M-5-24 24X24	M-17-24 24X12	M-21-20 20X15	M-24-20 20X15	M-25-20 20X15	M-26-20 20X15	M-29-20 20X15	M-30-20 20X15	M-37-24N 24X12	M-38-24S 24X12	M-39-24E 24X12	M-40-24W 24X12	IM-17-24 24X12	IM-24-20 20X15	IM-29-20 20X15	R-1-48 48X48	R-10-30 30X36	R-13-30 30X36	R-35-24 24X24	W-49-48 48X48	R-1-36 36X36	R-69-60 60X48	R-7-48 48 x 60			SUPPORTS: 8" BEAM	3" D.P.	4" D.P.	1.12" D.P. BRC. PCS.	1.12" D.P. BRC. TOT.	CONC.
	EA.			EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.			FT.	FT.	FT.	EA.-FT.	FT.	CU.YD.
376+00	1																														17.5 17.5					.32
395+00	1																														17.5 17.5					.32
375+70																										1				17.5			1@1.66 1@4.16	5.82	.16
380+70																									1					17.5			2@2.66	5.32	.16
393+40																									1					17.5			2@2.66	5.32	.16
398+40																										1				17.5			1@1.66 1@4.16	5.82	.16
11+00						1	1	1					1						1		1									13.0 13.0		1@2.50	2.50	—
16+00					2																									11.5 11.5		2@7.66	15.30	—
17+50						1										1														11.5			—	—	—
RAMP D 379+10 ~~20+50~~				2		2				1				1																14.0 14.0		2@5.83	11.66	—
20+50																							1							11.5			—	—	—
383+90																						1			1					17.5			2@2.66	5.32	.16
21+25					1	1	1			1									1					1					13.5 13.5		1@7.66	7.66	—
21+20				3		2	1			1	1								1											15.5 15.5	3@5.83 1@4.75		22.24	—
13+20																										1				12.0			2@2.00	4.00	—
21+50					2	1	1					1									1									15.0 15.0	2@7.66		15.32	—
15+90					1	1	1				1										1									13.5 13.5		1@7.66	7.66	—
16+10				1			1												1											9.5 9.5	1@5.83 1@3.33 1@3.83		13.99	—
19+00						1											1													11.5			—	—	—
21+00					4																										15.0 15.0	4@7.66		30.64	—
26+00						1	1	1				1						1		1										13.0 13.0	~~1.0~~ ~~13.0~~	1@2.50	2.50	—
27+00						1			1																					11.5	~~1.5~~	—	—	—	—
29+80					2		1												1											11.5 11.5	~~1.5~~ ~~11.5~~	2@7.66 1@5.75	21.07	—
30+00					1		1											1			1									10.0 10.0	~~10.0~~ ~~10.0~~	1@7.66 1@6.33 1@4.16	18.15	—
RAMP B 390+60 ~~30+50~~				2		2					2																			14.0 14.0	~~12.0~~ ~~14.0~~	2@5.83	11.66	—
388+00																						1							17.5			2@2.66	5.32	.16
30+60																							1							11.5	~~1.5~~		—	—	—
33+00						2								1			1													11.5	~~1.5~~	2@2.50 2@2.75	10.50	—
35+00					2																									11.5 11.5	~~11.5~~ ~~7.5~~	2@7.66	15.32	—
40+00						1											1		1											13.0	~~13.0~~		—	—	—
~~379+10~~				~~2~~																										~~10.0~~ ~~10.0~~	~~2@5.83~~		~~11.66~~		
~~390+00~~				~~2~~																										~~10.0~~ ~~10.0~~	~~2@5.83~~		~~11.66~~		
RAMP B 395+50																											1			18.5			2@3.33	6.66	.16
RAMP D 375+00																											1			18.5			2@3.33	6.66	.16
TOTALS	2			~~8~~ 12	15	16	10	2	1	2	4	2	2	1	1	1	1	1	3	4	6	2	2	2	1	2	1	2	2			212 ~~175~~	364 ~~404~~	91.0	—	256.43 ~~266.43~~	1.92 ~~1.66~~

DELINEATOR QUANTITIES

POST MTD.		BRACKET MTD.	
C-2	C-3	C-2	C-3
EA.	EA.	EA.	EA.
~~98~~ 93	2	—	—

S.R. 7 INTERCHANGE

QUANTITIES

STATION	CODE NUMBER AND SIZE: N-12-72 72X60	S-66-5 108X84	S-99-6 144X84		D-4-96 96X18	M-2-24 24X24	M-5-24 24X24	M-5-36 36X36	M-25-20 20X15	M-37-24N 24X12	M-38-24S 24X12	IM-17-36 36X18	IM-29-20 20X15	IM-29-30 30X24	R-1-48 48X48	R-10-30 30X36	R-13-30 30X36	R-29-30 30X42	R-35-24 24X24	W-49-48 48X48	R-69-60 60X48	R-7-48 48 x 60			OVERHEAD I-129 No. 81	SUPPORTS: 8" BEAM	3" D.P.	4" D.P.	1.12" D.P. BRC. PCS.	1.12" D.P. BRC. TOT.	CONC.
	EA.	EA.	EA.		EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.			EA.	FT.	FT.		EA.-FT.	FT.	CU.YD.
681+00	1																								17.5 17.5					.32
701+40	1																								17.5 17.5					.32
1523+30		1																						I-60						7.20
1531+60			1																					I-60						7.20
679+00																					1				17.5		1@1.66 1@4.16	5.82	.16
684+00																				1					17.5		2@2.66	5.32	.16
698+00																				1					17.5		2@2.66	5.32	.16
703+00																					1				17.5		1@1.66 4@4.16	5.82	.16
1511+00								1				1		1												15.0	6@1.83	10.98	—
1517+00					2																				11.5 11.5		2@7.66	15.32	—
1520+00						1					1														11.5		—	—	—
1521+80																	1								11.5		—	—	—
RAMP D ~~684+75~~ 1522+00					2	1			1																11.5 11.5		2@7.66 1@5.75	21.07	—
689+90														1											17.5		2@2.66	5.32	.16
1522+30																			1							10.5	—	—	—
1522+50					2		1					1													11.5 11.5		2@7.66 1@5.75	21.07	—
1522+50														1											11.5		—	—	—
1522+60																	1								12.0		—	—	—
1532+50					2		1					1													11.5 11.5		2@7.66 1@5.75	21.07	—
1532+40																	1								12.0		—	—	—
1532+60														1											11.5		—	—	—
1532+70																			1						10.5		—	—	—
RAMP B ~~691+70~~ 1535+00					2	1			1																11.5 11.5		2@7.66 1@5.75	21.07	—
692+50														1											17.5		2@2.66	5.32	.16
1533+20																	1								11.5		—	—	—
1535+00						1				1															11.5		—	—	—
1540+00					2																				11.5 11.5		2@7.66	15.32	—
1545+50							1					1		1											15.0		6@1.83	10.98	—
~~697+70~~					~~2~~																				~~11.5~~ ~~11.5~~		~~2@7.66~~	~~15.32~~	
~~684+75~~					~~2~~																				~~11.5~~ ~~11.5~~		~~2@7.66~~	~~15.32~~	
RAMP B 702+00																					1				18.5		2@3.33	6.66	.16
RAMP D 680+00																					1				18.5		2@3.33	6.66	.16
TOTALS	2	1	1		12 ~~15~~	4	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2			2	212 ~~175~~	282 ~~328~~		—	183.12 ~~230.44~~	16.32 ~~16.00~~

DELINEATOR QUANTITIES

POST MTD.		BRACKET MTD.	
C-2	C-3	C-2	C-3
EA.	EA.	EA.	EA.
~~102~~ 96	2	—	—