

81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	LOCATION	REMARKS
		271	51 + 65	54 + 33 RT
		330	52 + 36	55 + 65 LT
		310	54 + 34	57 + 43 RT
		320	73 + 09	76 + 14 LT
		294	84 + 15	86 + 93 RT
		305	120 + 90	124 + 00 RT
		257	126 + 54	129 + 17 RT
		294	144 + 63	147 + 44 LT
		262	149 + 91	152 + 31 LT
		267	152 + 31	155 + 05 LT
TOTAL		2,910.00		

83600100	LIGHT POLE FOUNDATION	EACH	LOCATION	REMARKS
		1.00	52 + 36	LT 44.6'
		1.00	54 + 34	RT 61.0'
		1.00	57 + 42	RT 76.3'
		1.00	76 + 12	LT 112.2'
		1.00	78 + 95	LT 92.3'
		1.00	84 + 10	RT 106.7'
		1.00	102 + 61	RT 110.5'
		1.00	123 + 80	RT 87.2'
		1.00	126 + 54	RT 88.8'
		1.00	134 + 07	LT 89.5'
		1.00	144 + 61	LT 115.9'
		1.00	147 + 44	LT 107'
		1.00	149 + 89	LT 100.5'
		1.00	152 + 42	LT 92.5'
		1.00	155 + 05	LT 82.5'
TOTAL		15.00		

83800650	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	LOCATION	REMARKS
		4.00	52 + 36	LT 44.6'
		4.00	54 + 34	RT 61.0'
		4.00	57 + 42	RT 76.3'
		4.00	76 + 12	LT 112.2'
		4.00	78 + 95	LT 92.3'
		4.00	84 + 10	RT 106.7'
		4.00	102 + 61	RT 110.5'
		4.00	123 + 80	RT 87.2'
		4.00	126 + 54	RT 88.8'
		4.00	134 + 07	LT 89.5'
		4.00	144 + 61	LT 115.9'
		4.00	147 + 44	LT 107'
		4.00	149 + 89	LT 100.5'
		4.00	152 + 42	LT 92.5'
		4.00	155 + 05	LT 82.5'
TOTAL		60.00		

84200700	LIGHTING FOUNDATION REMOVAL	EACH	LOCATION	REMARKS
		1.00	52 + 46	LT
		1.00	54 + 48	RT
		1.00	57 + 32	RT
		1.00	60 + 00	RT
		1.00	71 + 40	LT
		1.00	76 + 00	LT
		1.00	80 + 60	LT
		1.00	84 + 00	RT
		1.00	102 + 70	RT
		1.00	123 + 90	RT
		1.00	126 + 65	RT
		1.00	133 + 15	LT
		1.00	144 + 70	LT
		1.00	147 + 34	LT
		1.00	150 + 00	LT
		1.00	152 + 32	LT
		1.00	154 + 80	LT
TOTAL		17.00		

84200800	POLE FOUNDATION, REMOVED	EACH	LOCATION	REMARKS
		1.00	138 + 23	LT
		1.00	154 + 40	LT
TOTAL		2.00		

84200805	POLE FOUNDATION REMOVED, METAL	EACH	LOCATION	REMARKS
		1.00	154 + 40	LT
		1.00	174 + 79	LT
TOTAL		2.00		

Z0021500	EXPANSION JOINT	3"	FOOT	LOCATION	REMARKS
			24	177 + 75	STAGE 1D
			24	177 + 75	STAGE 1E
			24	177 + 75	STAGE 1F
			15	52 + 86	STAGE 1E
			4	52 + 86	STAGE 1C
			11	52 + 86	STAGE 1B
			11	52 + 86	STAGE 1B
TOTAL			78.0		

Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	LOCATION	REMARKS
		1.00	1486 + 85	USE IN STAGES 1E, 1C & 1B IN IOWA BARRIER WALL
		1.00	1497 + 60	USE IN STAGES 1E, 1C & 1B IN IOWA BARRIER WALL
TOTAL		2.0		

Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	LOCATION	REMARKS
		1.00	1486 + 85	USE IN STAGES 1E, 1C & 1B IN IOWA BARRIER WALL
		1.00	1497 + 60	USE IN STAGES 1E, 1C & 1B IN IOWA BARRIER WALL
TOTAL		2.0		

Z0056220	SAND MODULE IMPACT ATTENUATOR TO BE REMOVED	EACH	LOCATION	REMARKS
		24.0	84 + 64	
TOTAL		24.0		

XX001874	PERMANENT DITCH CHECKS	EACH	LOCATION	REMARKS
		1.0	111 + 25	
		1.0	131 + 75	
		1.0	135 + 75	
		1.0	162 + 25	
TOTAL		4.0		

XX002866	CONCRETE BARRIER WALL (SPECIAL)	CU.YD.	LOCATION	REMARKS
		69.00	1493 + 00	1497 + 60 State of IOWA barrier wall
TOTAL		69.00		

XX003982	VIDEO VEHICLE DETECTION SYSTEM	L.SUM	LOCATION	REMARKS
		0.5	154 + 81	LT 81' SCALE VIDEO CAMERA POLES
		0.5	155 + 66	LT 81' SCALE VIDEO CAMERA POLES
TOTAL		1.00		

X0324652	TRACER CABLE	FOOT	LOCATION	REMARKS
		4,041.00	94 + 30	134 + 00 EASTBOUND SCALE FIBER OPTIC
		4,280.00	144 + 00	184 + 55 WESTBOUND SCALE FIBER OPTIC
		330	52 + 36	55 + 65 LT
		116	54 + 57	LT/RT
		107	54 + 57	55 + 65 LT
		19	54 + 34	54 + 55 RT
		310	54 + 34	57 + 43 RT
		320	73 + 09	76 + 14 LT
		294	84 + 15	86 + 93 RT
		305	120 + 90	124 + 00 RT
		257	126 + 54	129 + 17 RT
		294	144 + 63	147 + 44 LT
		262	149 + 91	152 + 31 LT
		267	152 + 31	155 + 05 LT
TOTAL		11,202.0		

X0324915	RELOCATE LIGHTING UNITS AND POLES	EACH	LOCATION	REMARKS
		1.00	52 + 46	TO 52 + 36 LT
		1.00	54 + 48	TO 54 + 34 RT
		1.00	57 + 32	TO 57 + 42 RT
		1.00	76 + 00	TO 76 + 14 LT
		1.00	80 + 60	TO 78 + 95 LT
		1.00	84 + 00	TO 84 + 15 RT
		1.00	102 + 70	TO 102 + 61 RT
		1.00	123 + 90	TO 124 + 00 RT
		1.00	126 + 65	TO 126 + 54 RT
		1.00	133 + 15	TO 133 + 07 LT
		1.00	144 + 70	TO 144 + 60 LT
		1.00	147 + 34	TO 147 + 44 LT
		1.00	150 + 00	TO 149 + 89 LT
		1.00	152 + 32	TO 152 + 42 LT
		1.00	154 + 80	TO 155 + 05 LT
TOTAL		15.00		

X0712400	TEMPORARY PAVEMENT	SQ. YD.	LOCATION	REMARKS
		634.00	81 + 20	82 + 50 WB TEMPORARY PAVEMENT
TOTAL		634.00		

X0919000	TEMPORARY PAVEMENT REMOVAL	SQ. YD.	LOCATION	REMARKS
		634.00	81 + 20	82 + 50 WB TEMPORARY PAVEMENT
TOTAL		634.00		

X4400198	CONCRETE BARRIER REMOVAL (SPECIAL)	FOOT	LOCATION	REMARKS
		460.00	1493 + 00	1497 + 60 State of IOWA Barrier Wall
TOTAL		460.00		

X8410105	TEMPORARY LIGHTING SYSTEM	EACH	LOCATION	REMARKS
		1.00	82 + 50	MEDIAN CROSS-OVER LIGHTING
		1.00	183 + 20	MEDIAN CROSS-OVER LIGHTING
TOTAL		2.0		

# 2001356	REMOVE AND REPLACE WEATHER STATION	EACH	LOCATION	REMARKS
		1.00	63 + 40	
TOTAL		1.00		