

SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	P.5	P.7	P.8	P.32	P.32	P.105	P.106	P.107	P.116	P.136	P.139		01/SAF/21						
									8				8	632	64950	8	EACH	TRAFFIC SIGNALS CONTINUED	
									1,244				1,244	632	65200	1,244	FT	LOOP DETECTOR LEAD-IN CABLE	
									471				471	632	69800	471	FT	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG	
									4				4	632	70000	4	EACH	POWER SERVICE	
									4				4	632	70400	4	EACH	CONDUIT RISER, 2" DIAMETER	
									8				8	632	87140	8	EACH	COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 12	
									8				8	632	87150	8	EACH	COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 13	
									4				4	632	89802	4	EACH	PEDESTAL, 5', TRANSFORMER BASE	
									4				4	632	90100	4	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	
									1,518				1,518	632	30400	1,518	FT	MESSENGER WIRE, 7 STRAND, ½" DIAMETER WITH ACCESSORIES	
									1,518				1,518	632	30600	1,518	FT	TETHER WIRE, WITH ACCESSORIES	
									4				4	633	65511	4	EACH	CABINET, TYPE TS-2, AS PER PLAN	P.114
									4				4	633	67100	4	EACH	CABINET FOUNDATION	
									4				4	633	67200	4	EACH	CONTROLLER WORK PAD	
									4				4	633	75001	4	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	P.114
									232				232	809	64550	232	FT	ETHERNET CABLE, OUTDOOR-RATED	
									4				4	809	65990	4	EACH	ITS DEVICE, MISC.:RELOCATE EXISTING COMMUNICATIONS	
									8				8	809	69001	8	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	P.115
									12				12	809	69101	12	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	P.115
									4				4	809	69123	4	EACH	ATC CONTROLLER, AS PER PLAN	P.115
									3				3	809	65990	3	EACH	ITS DEVICE, MISC.:32" ITS PULL BOX w/ PAD & STANDARD LID ASSEMBLY, TYPE 2	
									LS				LS	809	70000	LS		MAINTAINING ITS DURING CONSTRUCTION	
																		RETAINING WALLS	
										145	145		290	622	10121	290	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN	P.136
																		MAINTENANCE OF TRAFFIC	
				1					160				160	614	11110	160	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
				8					1				1	614	12380	1	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
									8				8	614	12384	8	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	
			65						65				65	614	13310	65	EACH	BARRIER REFLECTOR, TYPE 1, ONE WAY	
			65						65				65	614	13350	65	EACH	OBJECT MARKER, ONE WAY	
				0.24					0.24				0.24	614	20110	0.24	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT	
				0.1					0.1				0.1	614	21100	0.1	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
									0.47				0.47	614	22100	0.47	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT	
									440				440	614	23200	440	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT	
									188				188	614	24200	188	FT	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT	
													50	616	10000	50	MGAL	WATER	
									3,234				3,234	622	41100	3,234	FT	PORTABLE BARRIER, UNANCHORED	
																		INCIDENTALS	
													LS	614	11000	LS		MAINTAINING TRAFFIC	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

Environmental
DesignGroup

14801 CLEVELAND COLUMBUS,
OHIO 43201-1100
P. 612
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000

DESIGNER

WES

REVIEWER

JES 03/24/25

PROJECT ID

114818

SHEET

P.30

TOTAL

P.142