F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2508	02-00039-00-PV	KENDALL	146	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

87333

PAVEMENT SCHEDULE

LOCATION	AGGREGATE SHOULDERS TYPE B 8" (SQ YD)	HOT MIX ASPHALT SHOULDERS 1½" (SQ YD)	CURB AND GUTTER REMOVAL AND REPLACEMENT (SQ FT)	REMOVAL AND REPLACEMENT OF CONCRETE DRIVEWAY (SQ YD)	AGGREGATE FOR TEMPORARY ACCESS (TON)
DOUGLAS ROAD					
19+45.00 - 23+07.21		291			
23+07.21 - 33+52.58					
33+52.58 - 43+02.59					
43+02.59 - 46+72.90					
46+72.90 - 54+24.03					
54+24.03 - 66+37.47					
66+37.47 - 74+98.81					
74+98.22 - 80+04.51/80+28.14					
80+04.51/80+28.14 - 83+34.53					
83+34.53 - 87+61.16	83				
SUBTOTAL - DOUGLAS ROAD	83	291			
SIDE STREETS					
OLD POST ROAD					
498+62.36 - 500+61.47					
MASON SQUARE ENTRANCE					545
BARNABY DRIVE 100+90.00					746
FARMINGTON LAKES DRIVE 200+30.86					1203
SAUGATUCK ROAD 301+19.74					670
LONG BEACH ROAD 400+66.25 - 403+00.00					1695
WIESBROOK ROAD					649
ENTRANCE 1					341
FERNWOOD ROAD 503+62.78 - 601+19.62			30	26	1953
TOWNE'S CROSSING 700+95.43					1355
NORTH MERCHANTS DRIVE					648
SUBTOTAL - SIDE STREETS			30	26	9804
TOTAL	83	291	30	26	9804

NOTE: SIDESTREET PAVEMENT REMOVAL IS INCLUDED WITH DRIVE-LANE PAVEMENT REMOVAL

SIGNAL SCHEDULE

ITEM	UNIT	INTERSECTIONS OF DOUGLAS ROAD						INTERCONNECT			TOTAL
		OLD POST	LONGBEACH	FERNWOOD	TOWNES CROSSING	U.S. ROUTE 30	FIFTH STREET	LONGBEACH TO FERNWOOD	FERNWOOD TO TOWNES CROSSING	TOWNES CROSSING TO U.S. ROUTE 30	
SIGN PANEL - TYPE 1	SQ FT		30	20	5						55
SIGN PANEL - TYPE 2	SQ FT		55	55	37.5						147.5
RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1									1
CONDUIT IN TRENCH, 1" DIA., GALVANIZED STEEL	FOOT	479	560	452	569	167					2227
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	639	645	405	273	326		620		30	2938
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	10	64	40	53						167
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	167	42	51	300	22					582
CONDUIT PUSHED, 1" DIA., GALVANIZED STEEL	FOOT	107	111	75							293
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	15	12	35							62
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT		20								20
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	273	165	224	352	78					1092
HANDHOLE	EACH	3	5	4	5			2			19
DOUBLE HANDHOLE	EACH	1	1	1	1						4
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1183	1270	892	854	379		620		30	5228
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1	1	1					4
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH		1	1	1						3
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	1	1	1	1	1				6
TRANSCEIVER - FIBER OPTIC	EACH		1	1	1						3
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	667	406	193							1266
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	987	682	561	239	250					2719
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	753	726	1608	903						3990
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	1601	716	905	887						4109
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2709	2697	1928	1926	923					10183
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT		50	50	50						150
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	EACH		1								1
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 15 FT.	EACH				1						1
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH		1	2							3
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH				1						1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH										0
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH		1								1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH				1						1
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1	2								3
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH		1								1
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH				1						1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 30 FT. AND 38 FT.	EACH			1							1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 40 FT. AND 48 FT.	EACH			1							1
CONCRETE FOUNDATION, TYPE A	FOOT		8	8	4						20
CONCRETE FOUNDATION, TYPE C	FOOT		4	4	4						12
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	11	52	30	39						132
DRILL EXISTING HANDHOLE	EACH	1				2					3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH		4	1	1						6
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1		5	5						11
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	1								2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1	6	5	3						15
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, POST MOUNTED	EACH		2								2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	1	2	2							5
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	3	12	14	11						40
INDUCTIVE LOOP DETECTOR	EACH	14	14	15	12	5					60
DETECTOR LOOP, TYPE I	FOOT	2262	1460	1689	1116	528					7055
LIGHT DETECTOR	EACH	2	2	2	2	2					10
LIGHT DETECTOR AMPLIFIER	EACH	1	1	1	1	1					5
PEDESTRIAN PUSH-BUTTON	EACH	1	4	2							7
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1	1	1					4
MODIFY EXISTING CONTROLLER	EACH	1				1	1				3
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1836				400					2236
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1	1						3
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT							1590	444	385	2419
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT							1590	444	385	2419
SERVICE INSTALLATION - GROUND MOUNTED	EACH		1	1	1						3
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO.6 1C	FOOT	434	506	400	449						1789
ELECTRIC CABLE IN CONDUIT, NO.20 3C, TWISTED, SHIELDED	FOOT	329	286	363	248	259					1485
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM					1					1
REMOVE EXISTING HANDHOLE	EACH	2				1					3

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.U. 2508 – DOUGLAS ROAD (U.S. RTE 34 TO U.S. RTE 30)

PAVEMENT SCHEDULE & SIGNAL SCHEDULE

SCALE: VERT. HORIZ.

DATE

DRAWN BY BAH

CHECKED BY CRF

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