



ENGINEERING SERVICES
 500 N. GARY AVENUE
 60188
 (630) 871 - 6220

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY (1000)
40400100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	3600
40600300	AGGREGATE (PRIME COAT)	TON	36
44000008	BITUMINOUS SURFACE REMOVAL, 2.5"	SY	36000
44001700	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT	FT	650
44201711	CLASS D PATCHES TYPE IV, 5"	SY	770
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SY	36000
67100100	MOBILIZATION	LS	1
70102625	TRAFFIC CONTROL & PROTECTION, STANDARD 701606	LS	1
70102635	TRAFFIC CONTROL & PROTECTION, STANDARD 701701	LS	1
* 78000100	THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS	SF	375
* 78000200	THERMOPLASTIC PAVEMENT MARKING LINE, 4"	FT	26100
* 78000400	THERMOPLASTIC PAVEMENT MARKING LINE, 6"	FT	1100
* 78000600	THERMOPLASTIC PAVEMENT MARKING LINE, 12"	FT	600
* 78000650	THERMOPLASTIC PAVEMENT MARKING LINE, 24"	FT	350
88600600	DETECTOR LOOP REPLACEMENT	FT	600
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70	TON	6400
X4066770	LEVELING BINDER (MACHINE METHOD) SUPERPAVE N70	TON	2600
Z0000600	ADJUSTING FRAMES FOR INLETS	EA	1
Z0048665	RAILROAD LIABILITY INSURANCE	LS	1
60262700	INLETS TO BE RECONSTRUCTED	EA	28
XX000470	TOPSOIL, SEED, AND STRAW	FT	520

GENERAL NOTES

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED IN THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED GRAVEL OR CRUSHED STONE.

ALL SAW CUTTING SHALL BE INCLUDED IN THE UNIT COST OF THE ITEM INDICATED FOR REMOVAL.

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR A FLOURESCENT ORANGE VEST AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE INCLUDED IN THE CONTRACT.

NO STREET CLOSURES WILL BE ALLOWED.

THE CONTRACTOR SHALL REPLACE ALL STREET SIGNS AND MAIL BOXES REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION OR AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT.

ALL OPEN HOLES, BROKEN PAVEMENT AND TRENCHES RESULTING FROM STRUCTURE ADJUSTMENTS, CURB REPAIRS OR STORM SEWER WORK SHALL BE BACKFILLED TO GRADE BY THE END OF THE DAY.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED)

10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES AND THE VILLAGE OF CAROL STREAM ENGINEERING SERVICES DEPARTMENT

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.

WHEN MILLED PAVEMENT IN OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED. BUTT JOINTS ARE BEING INCLUDED IN THE COST OF REMOVAL

DRIVEWAYS SHALL REMAIN ACCESSIBLE DURING THE ENTIRE DURATION OF THE PROJECT.

ALL BITUMINOUS MIXTURES SHALL BE QC/QA. HEAT SCARIFICATION AND ASPHALT MODIFIER SHALL BE QC/QA.

THE CURB AND GUTTER REMOVAL AND REPLACEMENT AND PATCHING WILL NOT EXCEED THE QUANTITIES LISTED IN THE SUMMARY OF QUANTITIES

ABBREVIATIONS

GR	GRAVEL
CI	CAST IRON
DI	DUCTILE IRON
CL EL	CENTERLINE ELEVATION
P	POINT
G	GUTTER
C	CURB
BC	BACK OF CURB
EP	EDGE OF PAVEMENT
TF	TOP OF FRAME
TC	TOP OF CURB OR CONCRETE
CP	SURVEY CONTROL POINT
R	STRUCTURE TO BE RECONSTRUCTED
A	STRUCTURE TO BE ADJUSTED

LEGEND

EXISTING		PROPOSED	
---SA---	SANITARY SEWER OR SERVICE	○ GAS	GAS SERVICE VALVE
---ST---	STORM SEWER OR SERVICE	--- R.O.W. ---	CENTER LINE EASEMENT
--- W ---	WATER MAIN	--- T ---	RIGHT OF WAY (ROW)
--- WS ---	WATER SERVICE	--- TD ---	TELEPHONE CABLE
--- FM ---	FORCE MAIN	□ TEL	TELEPHONE VAULT
--- UD ---	PIPE UNDERDRAIN	○ TR	TELEPHONE RISER
--- PD ---	PIPE DRAIN	--- TV ---	CABLE TELEVISION (BURIED)
○	MANHOLE	□ CTV	CABLE T.V. RISER
○	CATCH BASIN	□ CTV	CABLE T.V. VAULT
□	INLET	--- E ---	UNDERGROUND ELECTRICAL
□	DRYWELL	○ EM	ELECTRIC METER
---	END SECTION	□ ET	PAD MOUNTED TRANSFORMER
○	FIRE HYDRANT	□ EV	ELECTRIC VAULT
○	WATER VALVE W/ BOX AND COVER	○ JB	JUNCTION BOX
○	WATER VALVE VAULT	○	UTILITY POLE w/ GUY ANCHOR
---	CLEANOUT	○	UTILITY POLE w/ LIGHT
○	WATER SERVICE BOX	○	LIGHT STANDARD
○	WATER METER	○	MAIL BOX
○	TO BE ABANDONED AND/OR REMOVED	○	TRAFFIC SIGNAL POST W/ SIGNAL HEAD
○	GAS LINE	○	HANDHOLE
○	GAS VALVE W/ BOX AND COVER	○	PAVEMENT CORE LOCATION
○	GAS VALVE VAULT		
○	GAS METER		
○	GAS RISER		

PROPOSED

	BITUMINOUS SURFACE REMOVAL - BUTT JOINT
	CLASS D PATCHES, TYPE IV-5"

CURB AND GUTTER REMOVAL AND REPLACEMENT SCHEDULE

STATION BEGIN	STATION END	LOCATION	LENGTH
100+50	100+54	55' LT	4'
100+80	100+96	40' LT	16'
105+40	105+54	30' LT	14'
107+00	107+05	30' LT	4'
108+70	108+74	30' LT	4'
112+70	113+05	30' LT	35'
113+20	113+56	30' LT	36'
116+50	117+50	30' LT	100'
118+90	119+03	30' LT	13'
125+45	125+77	30' LT	32'
129+40	129+62	30' LT	22'
132+85	133+33	30' LT	48'
140+40	140+80	30' LT	40'
141+65	141+71	30' LT	6'
144+60	144+64	30' LT	4'
149+45	149+76	30' LT	21'
150+80	150+85	30' LT	5'
101+45	101+59	35' RT	14'
112+60	112+91	30' RT	31'
113+15	113+35	30' RT	20'
114+00	114+05	30' RT	5'
114+40	114+44	30' RT	4'
118+35	118+40	30' RT	5'
123+65	123+72	30' RT	7'
125+90	126+20	30' RT	30'
144+80	144+93	40' RT	13'
145+25	145+25	70' RT	17'
146+25	146+25	30' RT	44'
147+40	147+40	30' RT	13'

INLET REPAIR SCHEDULE

STATION	LOCATION	WORK TO BE DONE
101+70	LT	REPAIR
101+70	RT	ADJUST
104+80	LT	REPAIR
104+80	RT	REPAIR
107+95	LT	REPAIR
107+95	RT	REPAIR
111+10	LT	REPAIR
111+10	RT	REPAIR
115+50	RT	REPAIR
117+90	RT	REPAIR
120+70	RT	REPAIR
123+40	RT	REPAIR
126+20	RT	REPAIR
126+50	RT	REPAIR
127+45	LT	REPAIR
129+70	LT	REPAIR
131+50	LT	REPAIR
133+20	LT	REPAIR
135+00	LT	REPAIR
136+80	LT	REPAIR
140+80	LT	REPAIR
143+55	LT	REPAIR
143+55	RT	REPAIR
144+95	RT	REPAIR
145+20	RT	REPAIR
145+50	RT	REPAIR
147+70	LT	REPAIR
147+70	RT	REPAIR
149+80	LT	REPAIR
149+80	RT	REPAIR
153+10	LT	REPAIR
153+10	RT	REPAIR

REVISIONS

NO.	DATE	DESCRIPTION
1	11/21/2005	PER FEDERAL AID DESIGN ENGINEER
2	12/22/2005	PER FEDERAL AID DESIGN ENGINEER

* REFER TO EQUIPMENT MANUFACTURERS SHOP DRAWING

PLAN SHEET DESIGNATION

COVER
G - GENERAL
H - HAZARDOUS MATERIALS
C - CIVIL
L - LANDSCAPE
S - STRUCTURAL
A - ARCHITECTURAL
I - INTERIORS
Q - EQUIPMENT
F - FIRE PROTECTION
P - PLUMBING
M - MECHANICAL
E - ELECTRICAL
T - TELECOMMUNICATIONS
R - RESOURCE

PROJECT NO.: M-8003 (652)
DWG FILE: LIES ROAD
SCALE: N/A
DRAWING DATE: 9/30/05
DESIGNED BY: JB
DRAWN BY: JB
CHECKED BY: BC
PLOTTED BY: MS

VILLAGE OF CAROL STREAM
 ILLINOIS

LIES ROAD (LAPP)
 PROJECT

SHEET TITLE

SUMMARY & SCHEDULE OF QUANTITIES, LEGEND, DETAILS AND GENERAL NOTES