

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY (1000-2A)
** 20800250	TRENCH BACKFILL, SPECIAL	CU YD	19
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2920
21400100	GRADING AND SHAPING DITCHES	FOOT	40
** 25000400	NITROGEN FERTILIZER NUTRIENT	LBS	35
** 25000500	PHOSPHORUS FERTILIZER NUTRIENT	LBS	35
** 25000600	POTASSIUM FERTILIZER NUTRIENT	LBS	35
** 25200110	SODDING, SALT TOLERANT	SQ YD	2920
25200200	SUPPLEMENTAL WATERING	UNIT	10
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	1,670
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GAL	1,271
40800030	AGGREGATE PRIME COAT	TON	26
44000030	BITUMINOUS SURFACE REMOVAL - VARIABLE DEPTH	SQ YD	4,527
44201713	CLASS D PATCHES, TYPE I, 6"	SQ YD	2
44201717	CLASS D PATCHES, TYPE II, 6"	SQ YD	59
44201721	CLASS D PATCHES, TYPE III, 6"	SQ YD	320
44201723	CLASS D PATCHES, TYPE IV, 6"	SQ YD	1,925
44600100	HEAT SCARIFYING	SQ YD	12,707
44600300	ASPHALT MODIFIER	FOOT	80
50105220	PIPE CULVERT REMOVAL	FOOT	80
542A5473	PIPE CULVERTS, CLASS A, TYPE I EQUIVALENT ROUND-SIZE 18"	FOOT	60
60255500	MANHOLES TO BE ADJUSTED	EACH	4
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3
70102620	TRAFFIC CONTROL & PROTECTION - STANDARD 701501	LSUM	1
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS & SYMBOLS	SQ FT	83
70300625	TEMPORARY PAINT PAVEMENT MARKING - LINE 4"	FOOT	484
70300635	TEMPORARY PAINT PAVEMENT MARKING - LINE 6"	FOOT	75
70300660	TEMPORARY PAINT PAVEMENT MARKING - LINE 24"	FOOT	208
** 70000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83
** 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	484
** 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	75
** 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	192
** 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	208
X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	5
X4066424	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX 'D' N50	TON	1,475
X4067190	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50	TON	548
X4066330	MANHOLES TO BE RECONSTRUCTED WITH NEW GRATE (SPECIAL)	EACH	1
67150100	TRAFFIC CONTROL & PROTECTION - STANDARD 701501	LSUM	1

** INDICATE SPECIALTY ITEMS

GENERAL NOTES

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OF 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 OLYMPIA FIELDS ENGINEER, BAXTER & WOODMAN, INC.

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 IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 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.

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 NON-QC/QA.

STATION	ENTRANCES					DRIVEWAY PAVEMENT (SQ YD)
	EXIST DRIVES APRONS (TYPE)	RES OR CURB	WIDTH @ 4' BACK OF CURB (FT)	WIDTH @ CURB (FT)	LENGTH (FT)	
203RD STREET						
11+58	BIT	C	31	41	4	16.0
13+18	BIT	C	42	50	4	20.4
21+44	BIT	R	23	34	4	12.7
25+12	BIT	R	16	22	4	8.4
38+80	BIT	R	17	28	4	10.0
42+09	BIT	R	20	28	4	10.7
42+47	BIT	R	20	26	4	10.2
TOTAL BITUMINOUS DRIVEWAY PAVEMENT**						88.0

** BITUMINOUS PAVEMENT REMOVAL AND REPLACEMENT SHALL BE PAID FOR AS SHOWN IN THE PROPOSED TYPICAL SECTIONS.

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

ITEM	AC TYPE	VOIDS	RAP
CLASS D PATCHES, 6"			
BIT. CONC. BINDER COURSE, SUPERPAVE, IL-19, N50	PG 58-22	4% @ 50 Gyr	25%
BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX 'D' N50	PG 64-22	4% @ 50 Gyr	15%
POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE IL-4.75, N50	SBS/SBR PG 76-28	2.5% @ 50 Gyr	0%

UNIT WEIGHT OF BITUMINOUS ITEMS FOR CALCULATION OF THEORETICAL YIELD IS EQUAL TO 112 LBS/SQYD/IN

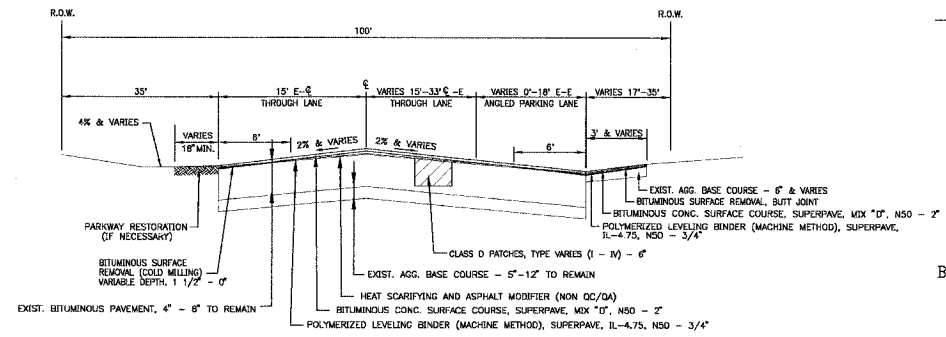
LEGEND

EXISTING

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

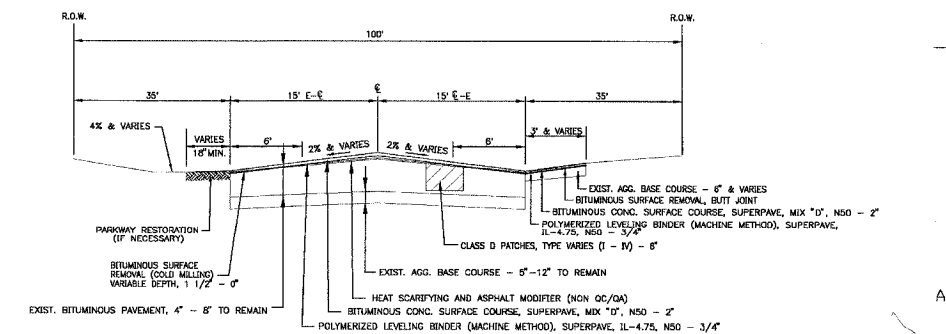
PROPOSED

SMH-A, MH-A, WV-A, AND WW-A,	SANITARY MANHOLE, MANHOLE, WATER VALVE BOX OR WATER VALVE VAULT TO BE ADJUSTED
MH-R (SP)	MANHOLES TO BE RECONSTRUCTED WITH NEW GRATE (SPECIAL)
////	BITUMINOUS SURFACE REMOVAL - BUTT JOINT
XX SQ. YD.	CLASS D PATCHES, TYPE VARIES (I - IV) - 6"
XXXX	DRIVEWAY REMOVAL & REPLACEMENT



EXISTING AND PROPOSED TYPICAL SECTION

207TH STREET (SCOTT DRIVE)
STATION 14+08 TO STATION 44+58.75



EXISTING AND PROPOSED TYPICAL SECTION

207TH STREET (SCOTT DRIVE)
STATION 14+08 TO STATION 44+58.75

SCHEDULE OF MANHOLE ADJUSTMENTS

MANHOLES TO BE ADJUSTED	
10+77	24.3' LT
25+50	32.5' LT
44+33	25.6' RT
44+52	1.1' LT
TOTAL	4 EACH

SCHEDULE OF VALVE BOX ADJUSTMENT

VALVE BOXES TO BE ADJUSTED	
12+09	22.3' RT
16+12	23.8' RT
20+28	28.3' RT
TOTAL	3 EACH

SCHEDULE OF VALVE VAULT ADJUSTMENTS

VALVE VAULTS TO BE ADJUSTED	
39+11	18.9' RT
TOTAL	1 EACH

SCHEDULE OF SANITARY MANHOLE ADJUSTMENTS

SANITARY MANHOLES TO BE ADJUSTED	
28+96	14.0' RT
32+41	13.0' RT
35+63	14.0' RT
38+81	15.9' RT
42+03	6.8' RT
TOTAL	5 EACH

SCHEDULE OF MANHOLE RECONSTRUCTS W/ NEW GRATE (SPECIAL)

MANHOLES TO BE RECONSTRUCTED WITH NEW GRATE (SPECIAL)	
25+22	27.0' LT
TOTAL	1 EACH

SCHEDULE OF PAVEMENT PATCHING

CLASS D PATCHES, TYPE I, 6"				
START	END	WIDTH	AREA	
12+77	12+81	4	2.0	
TOTAL			2.0	SQ YD

SCHEDULE OF PAVEMENT PATCHING

CLASS D PATCHES, TYPE II, 6"				
START	END	WIDTH	AREA	
28+20	28+35	4	7.0	
32+30	32+60	4	14.0	
39+55	39+61	14	10.0	
39+75	39+80	14	8.0	
39+90	39+96	14	9.0	
40+50	40+57	14	11.0	
TOTAL			59.0	SQ YD

SCHEDULE OF PAVEMENT PATCHING

CLASS D PATCHES, TYPE III, 6"				
START	END	WIDTH	AREA	
11+20	11+24	46	21.0	
11+35	11+39	46	21.0	
12+05	12+47	5	23.0	
12+65	12+69	46	21.0	
14+60	14+65	28	16.0	
15+50	15+55	28	16.0	
16+90	16+95	28	16.0	
17+85	17+90	28	16.0	
18+20	18+25	28	16.0	
20+40	20+46	28	19.0	
24+31	24+37	28	19.0	
28+85	29+15	5	17.0	
31+40	31+65	6	17.0	
40+05	40+11	28	19.0	
40+25	40+31	28	19.0	
41+95	42+10	14	23.0	
44+15	44+21	31	21.0	
TOTAL			320.0	SQ YD

SCHEDULE OF PAVEMENT PATCHING

CLASS D PATCHES, TYPE IV, 6"				
START	END	WIDTH	AREA	
10+25	10+70	VARIES	172.0	
13+03	13+10	28	30.0	
15+64	16+29	VARIES	53.0	
18+50	19+41	VARIES	317.0	
20+95	21+20	VARIES	47.0	
25+80	27+45	VARIES	525.0	
28+35	29+05	5	39.0	
29+35	29+87	VARIES	77.0	
30+70	31+40	VARIES	89.0	
34+10	36+40	VARIES	221.0	
36+45	37+05	6	40.0	
38+80	39+40	VARIES	58.0	
41+80	42+46	8	59.0	
42+40	42+80	14	62.0	
43+10	43+60	14	78.0	
43+38	43+96	VARIES	58.0	
TOTAL			1925.0	SQ YD



Baxter & Woodman
Crystal Lake, Illinois 815.459.1260
Burlington, Wisconsin 262.763.7834
Mokena, Illinois 708.478.2090
DeKalb, Illinois 815.787.3111

CONSULTANTS

NO.	DATE	DESCRIPTION	PER	COMMENTS
1	07/08/04			

REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWING

PLAN SHEET DESIGNATION

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

PROJECT NO: 010146
DWG FILE: DWGNM
SCALE: AS SHOWN
DRAWING DATE: 11-12-03
DESIGNED BY: JER
DRAWN BY: TJB
CHECKED BY: LDH
PLOTTED BY: TJB 05-19-05 11:18
CLIENT:

VILLAGE OF OLYMPIA FIELDS ILLINOIS

207TH STREET STP (LAPP) PROJECT

SHEET TITLE

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