

FAU ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1009	*	COOK	9	1
ILLINOIS PROJECT: M-8003 (451)				
CONTRACT NO.: 83801				
* 01-00015-00-RS				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

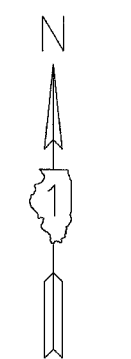
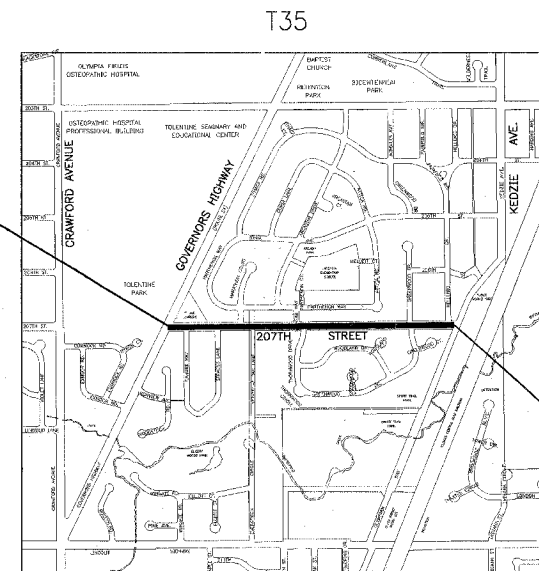
PLANS FOR PROPOSED LOCAL AGENCY PAVEMENT PRESERVATION PROJECT FAU 1009 (207TH STREET) RESURFACING SECTION: 01-00015-00-RS GOVERNORS HIGHWAY TO OLYMPIAN WAY PROJECT NO.: M-8003 (451) VILLAGE OF OLYMPIA FIELDS COOK COUNTY JOB NO.: C-91-007-05

INDEX OF SHEETS

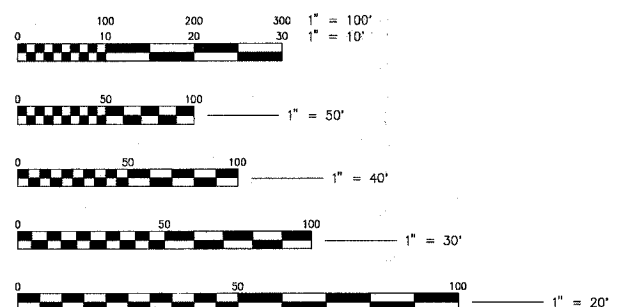
SHEET NO.	TITLE
1	COVER SHEET
2	SUMMARY & SCHEDULE OF QUANTITIES, TYPICAL SECTIONS, LEGEND, DETAILS & GENERAL NOTES
3	207TH STREET PLAN SHEET: STA. 10+24.51 TO STA. 31+50
4	207TH STREET PLAN SHEET: STA. 31+50 TO STA. 44+56.75
5	IDOT DISTRICT ONE TYPICAL PAVEMENT MARKINGS
6	IDOT PAVEMENT MARKING LETTERS & SYMBOLS FOR TRAFFIC STAGING
7	IDOT BUTT JOINT & BITUMINOUS TAPER DETAILS
8	IDOT TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
9	IDOT TRAFFIC CONTROL & PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

STANDARD
NO.

000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-01	CLASS C AND D PATCHES
701501-03	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
702001-05	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS



NOT TO SCALE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED SIZE PLANS, THE ABOVE SCALES SHALL BE USED.

DESIGN DESIGNATION
207TH STREET (SCOTT DRIVE)
LOCAL ROADS

TRAFFIC DATA
207TH STREET (SCOTT DRIVE)
POSTED OR DESIGN SPEED = 30 MPH
2023 ADT = 450

LOCATION MAP

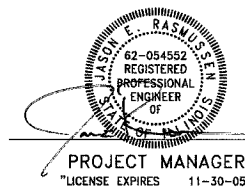
GROSS LENGTH OF PROJECT = 3,432.24 LIN. FT. OR 0.650 MILES
NET LENGTH OF PROJECT = 3,432.24 LIN. FT. OR 0.650 MILES



Baxter & Woodman

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

BENCHMARK
B.M. ◉ RIM OF 2nd WATER VALVE VAULT, EAST OF DANUBE WAY,
SOUTH SIDE OF 207th STREET.
ELEVATION = 710.47



PROJECT MANAGER
"LICENSE EXPIRES 11-30-05"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED May 19, 2005 *James J. Jones*
LOCAL AGENCY REPRESENTATIVE

APPROVED May 19, 2005 *Chao JH*
LOCAL ROADS ENGINEER

APPROVED May 27, 2005 *Diana O'Keefe HP*
DISTRICT ENGINEER

CALL JULIE 1-800-892-0123
WITH THE FOLLOWING:
COUNTY = COOK
CITY-TWNSHIP= OLYMPIA FIELDS - RICH TOWNSHIP
SEC. & 1/4 SEC. NO. = SE & SW 1/4 - SEC. 14, NE & NW 1/4 - SEC. 23
48 HOURS BEFORE YOU DIG
EXCLUDING SAT., SUN. & HOLIDAYS

CONTRACT NO. 83801

I.D.O.T. FEDERAL AID DESIGN ENGINEER: JESSICA MILLER 847-705-4487 SCHAUMBURG, IL.

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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 CDAT)	GAL	1,271
40800030	AGGREGATE PRIME CDAT	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	80
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
78000100	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					
	EXIST DRIVES APRONS (TYPE)	RES OR CURB	WIDTH @ 4' BACK OF CURB (FT)	WIDTH @ CURB (FT)	LENGTH (FT)	DRIVEWAY PAVEMENT (SQ YD)
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"	PG 58-22	4% @ 50 Gyr	25%
BIT. CONC. BINDER COURSE, SUPERPAVE, IL-19, N50			
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

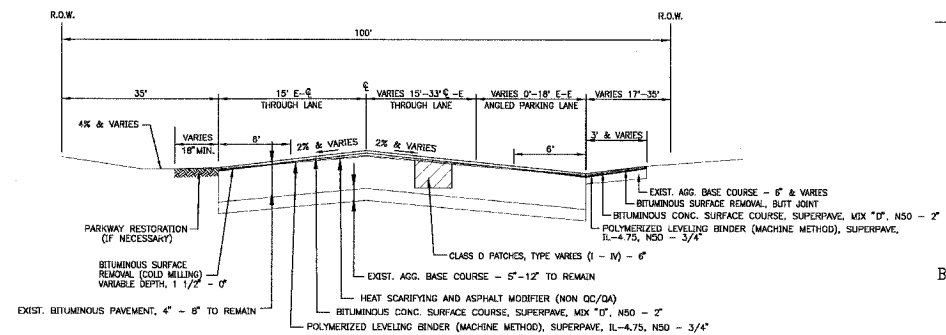
LEGEND

EXISTING

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

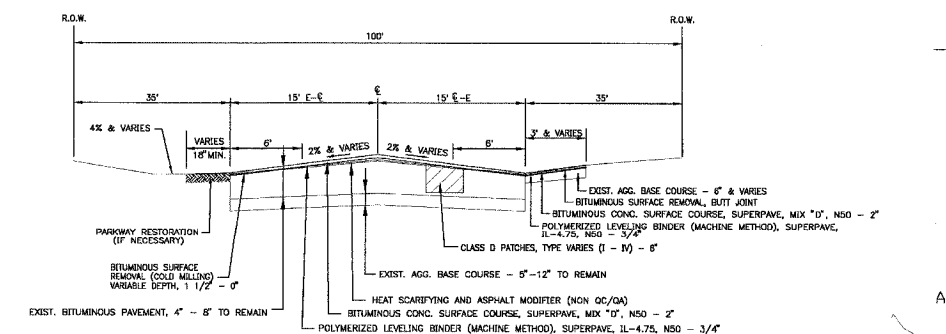
PROPOSED

SMH-A, MH-A, W-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)
XXXXXX	BITUMINOUS SURFACE REMOVAL - BUTT JOINT
XXXXXX	CLASS D PATCHES, TYPE VARIES (I - IV) - 6"
XXXXXX	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

BAXTER
WOODMAN
Consulting Engineers

Baxter & Woodman

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

www.baxwood.com

CONSULTANTS

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

REVISIONS

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

REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWING

PLAN SHEET DESIGNATION

COVER

- 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

F.A.U. ROUTE NO.	SECTION 5	COUNTY	TOTAL SHEETS	SHEET NO.
1009	*	COOK	9	3
ILLINOIS PROJECT: M-8003 (481)				
CONTRACT NO.: 83801				
* 01-00015-00-RS				

BAXTER & WOODMAN
Consulting Engineers

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Crystal Lake, Illinois 815.459.1260
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Mokena, Illinois 708.478.2090
DeKalb, Illinois 815.787.3111
Grayslake, Illinois 847.223.5088
www.bazwood.com

CONSULTANTS

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PLAN SHEET DESIGNATION

C	COVER
G	GENERAL
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L	LANDSCAPE
S	STRUCTURAL
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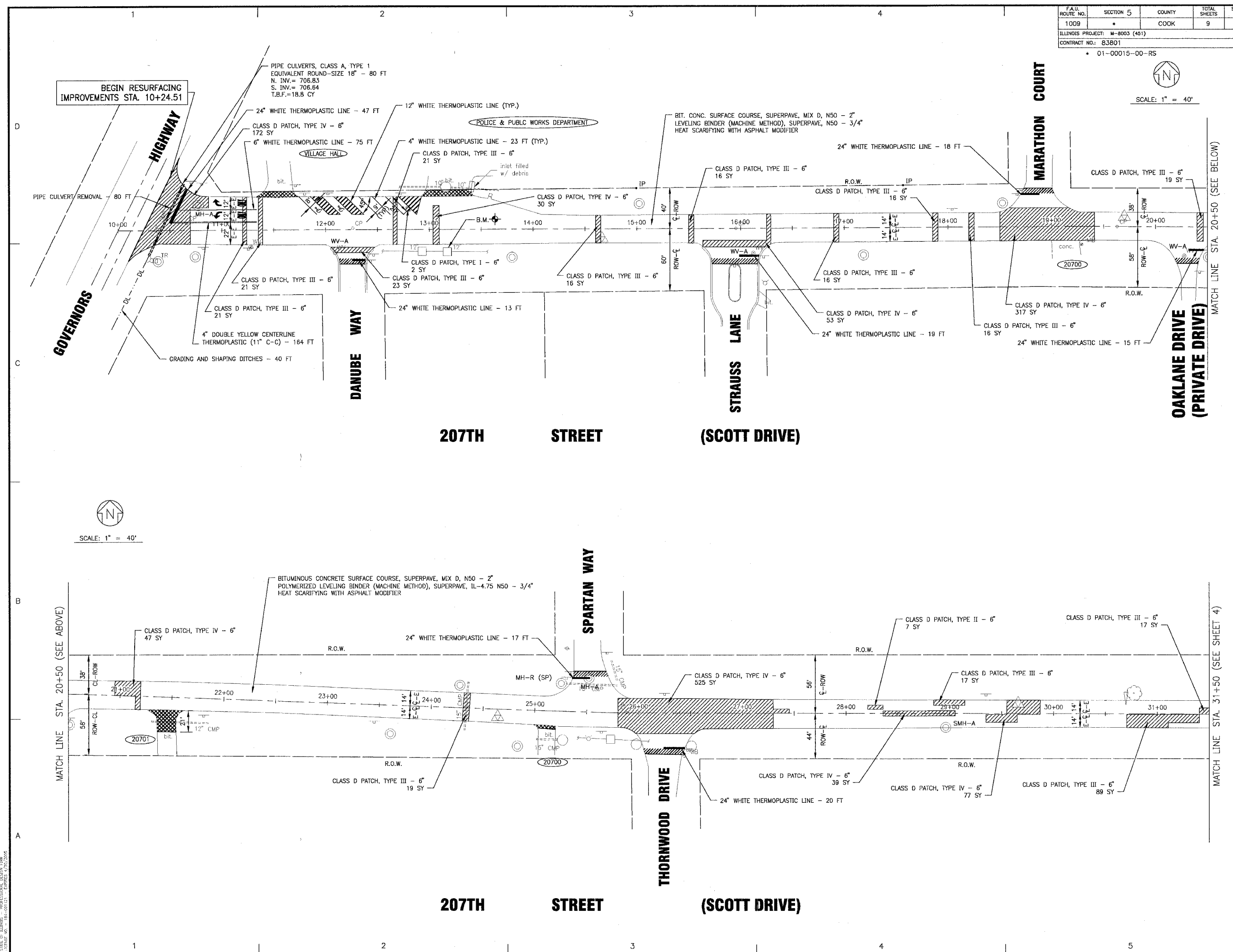
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SCALE:	AS SHOWN
DRAWING DATE:	11-12-03
DESIGNED BY:	JER
DRAWN BY:	TJB
CHECKED BY:	LDH
PLOTTED BY:	TJB 05-19-05

VILLAGE OF OLYMPIA FIELDS
ILLINOIS
207TH STREET STP.
LAPP IMPROVEMENTS
CRAWFORD TO KEDZIE AVENUE

SHEET TITLE

207TH STREET
STA. 10+24.51 TO STA. 31+50
ROADWAY & PAVEMENT MARKING
PLAN

3 OF 9



CONSULTING ENGINEER: BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL DESIGNER
 LICENSE NO. 181-001131 EXPIRES 1/30/2009



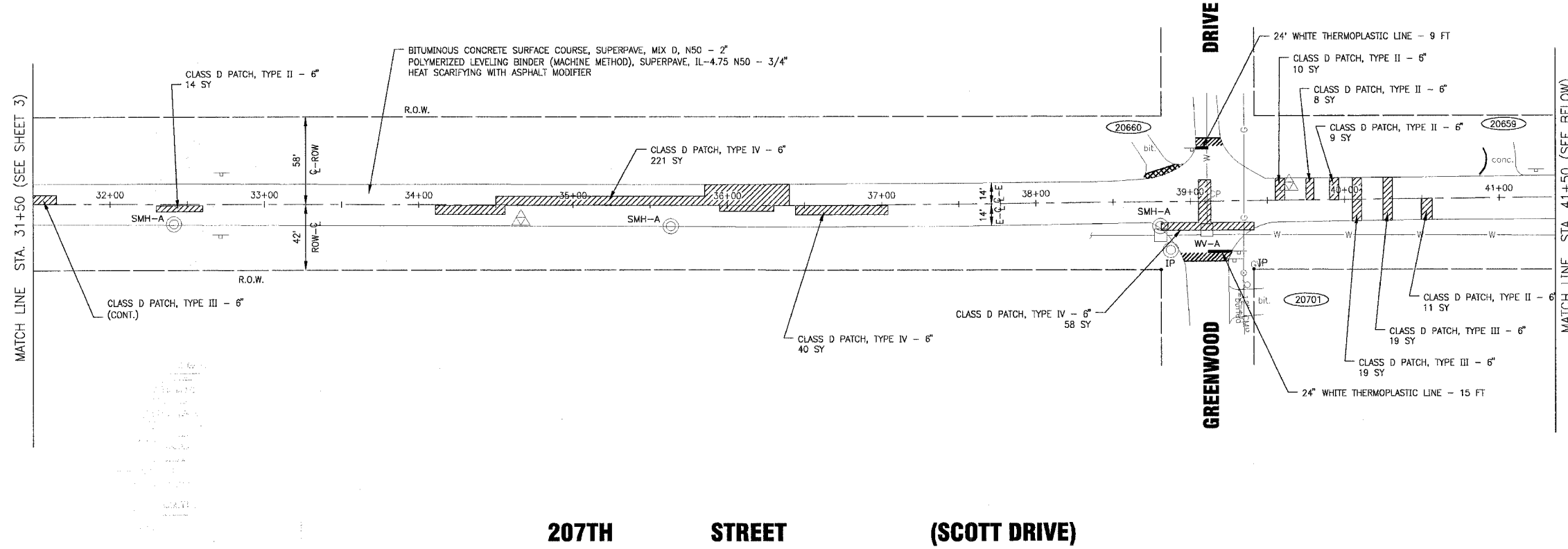
SCALE: 1" = 40'

F.U. ROUTE NO.	SECTION 5	COUNTY	TOTAL SHEETS	SHEET NO.
1009	*	COOK	9	4
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* 01-00015-00-RS				



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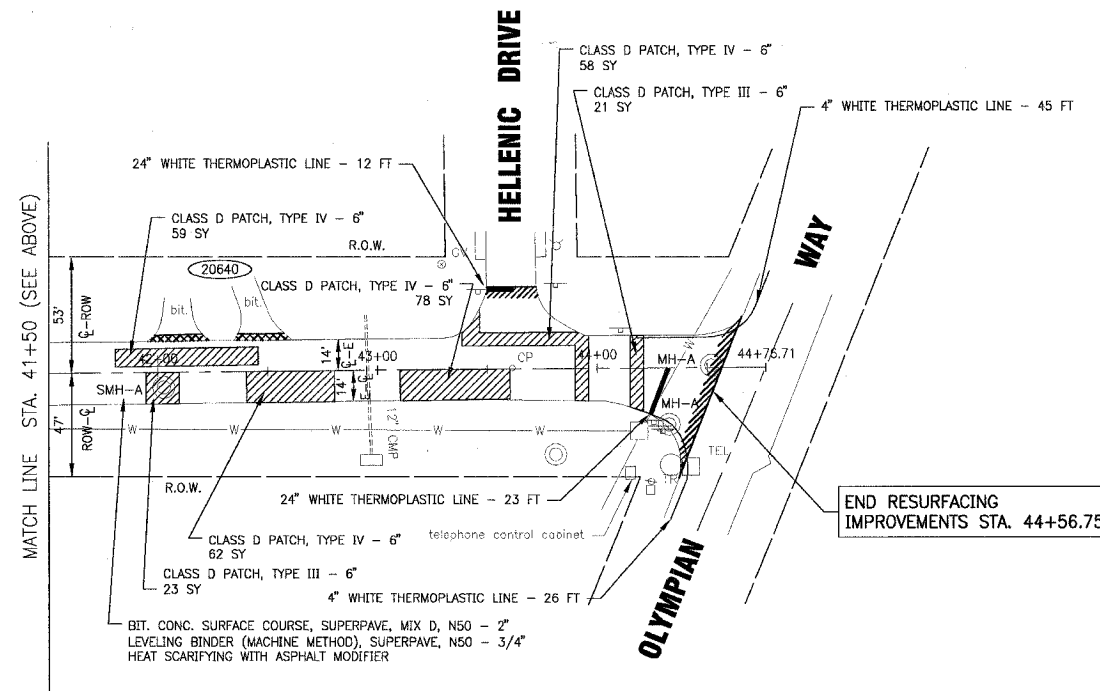
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207TH STREET (SCOTT DRIVE)



SCALE: 1" = 40'



207TH STREET (SCOTT DRIVE)

NO.	DATE	DESCRIPTION	PER	COMMENTS
1	07/09/04			

REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWING

PLAN SHEET DESIGNATION

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PLOTTED BY:	TJB 05-19-05

CLIENT

**VILLAGE OF OLYMPIA FIELDS
 ILLINOIS
 207TH STREET STP.
 LAPP IMPROVEMENTS
 CRAWFORD TO KEDZIE AVENUE**

SHEET TITLE

**207TH STREET
 STA. 31+50 TO STA. 44+56.75
 ROADWAY & PAVEMENT MARKING
 PLAN**

BAXTER & WOODMAN CONSULTING ENGINEERS, INC.
 100 WEST LEXINGTON AVENUE, SUITE 200, DEERFIELD, ILLINOIS 60015
 LICENSE NO. 01-00015-00-RS

