## GENERAL CONSTRUCTION NOTES PAVING AND STORM SEWERS

#### **SPECIFICATIONS**

THE LATEST EDITIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" SHALL GOVERN ALL WORK ASSOCIATED WITH THIS PROJECT. THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY GOVERN OTHER WORK ON THIS PROJECT AS INDICATED BY REFERENCE.

#### CARE IN EXCAVATION

CARE SHALL BE EXERCISED BY THE CONTRACTOR IN CARRYING OUT EARTH AND/OR TRENCHING OPERATIONS SO THAT LOCAL SERVICES, WATER VALVES, MANHOLES, CATCH BASINS, INLETS, BUFFALO BOXES, AND OTHER STRUCTURES ARE NOT DAMAGED OR REMOVED. ANY DAMAGE DONE BY THE CONTRACTOR, WHETHER THE STRUCTURE OR SERVICE IS VISIBLE AT THE GROUND SURFACE OR NOT, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS REQUIRED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

#### NOTIFICATION OF PUBLIC UTILITIES

PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OFFICIALS OF THE PUBLIC WORKS DEPARTMENT OF THE LOCAL MUNICIPALITY, J.U.L.I.E. AT 1-800-892-0123, AND OTHER PUBLIC AND PRIVATE UTILITIES SO THAT ARRANGEMENTS CAN BE MADE TO LOCATE THEIR VARIOUS FACILITIES WITHIN THE LIMITS OF CONSTRUCTION UNDER THIS CONTRACT, AS WELL AS TO PROVIDE ADEQUATE PROTECTION AND INSPECTION THERETO. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES IN THE FIELD.

BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 107.14 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCT-ION". ADEQUATE LIGHTING SHALL BE MAINTAINED FROM DUSK TO DAWN AT ALL LOCATIONS WHERE CONSTRUCTION OPERATIONS WARRANT, OR AS DESIGNATED BY

#### **EXCAVATED MATERIALS**

THE WASTE OBTAINED FROM EARTH OR TRENCH EXCAVATION INCLUDED UNDER THIS CONTRACT SHALL NOT BE DISPOSED OF BY THE CONTRACTOR UNTIL PERMISSION IS RECEIVED FROM THE OWNER SINCE THEY MAY REQUIRE THE CONTRACTOR TO DISPOSE OF THIS MATERIAL AT LOCATIONS AS DESIGNATED. THE CONTRACT UNIT PRICE BIDS FOR EARTH EXCAVATION SHALL INCLUDE DISPOSAL OF WASTE MATERIALS AS MAY OR MAY NOT BE DESIGNATED. ABOVE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THEREFORE, AS A PROVISION OF THIS CONTRACT, THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL SURPLUS TRENCH SPOIL MATERIALS OFF THE SITE AS WORK PROGRESSES. THE TEMPORARY STOCKPILLING OF THIS MATERIAL ON THE PROJECT SITE WILL NOT BE ALLOWED.

### PROTECTION OF SIGNS AND PROPERTY

ALL TRAFFIC SIGNS, STREET SIGNS, ETC., THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND PLACED AT NEW LOCATIONS AS DESIGNATED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED AT NO ADDITIONAL COST IN ACCORDANCE WITH ARTICLES 107.20 AND 107.21 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

SPECIAL ATTENTION IS DRAWN TO ARTICLE 105.06 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" WHICH REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT AND SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVING CONTROL OF ALL THE WORK AS THE AGENT OF THE GENERAL CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 108.07.

#### SAWING EXISTING IMPROVEMENTS

ALL PERMANENT TYPE PAVEMENTS OR OTHER PERMANENT IMPROVEMENTS WHICH ABUT THE PROPOSED IMPROVEMENT AND MUST BE REMOVED, SHALL BE SAWED AS DIRECTED PRIOR TO REMOVAL, ALL ITEMS SO REMOVED SHALL BE REPLACED WITH SIMILAR CONSTRUCTION MATERIALS TO THEIR ORIGINAL CONDITION OR BETTER. PAYMENT FOR SAWING SHALL BE INCLUDED IN THE COST FOR THE REMOVAL OF EACH ITEM, AND REPLACEMENT WILL BE PAID FOR UNDER THE RESPECTIVE ITEMS IN THE CONTRACT UNLESS OTHERWISE INDICATED, SAW CUTTING FOR PATCHES WILL BE INCIDENTAL TO THE PATCHING ITEM.

### CONSTRUCTION LAYOUT STAKES

THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH WOODEN STAKES OR OTHER LAYOUT MATERIALS FOR LAYOUT OF THE LINES AND GRADES OF THE PROJECT. FAILURE TO PROVIDE STAKES IN A TIMELY MANNER WILL RESULT IN A DELAY IN STAKEOUT WHICH WILL BE APPLICABLE AGAINST THE TIME LIMIT FOR COMPLETION SHOWN IN THE PROJECT SPECIFICATIONS, LINE AND GRADE WILL BE ESTABLISHED BY THE ENGINEER AT REGULAR INTERVALS ON PERMANENTLY PAVED SURFACES, SIDEWALKS OR STAKES AT THE ENGINEER'S OPTION, ALL WITHIN THE PUBLIC RIGHT—OF—WAY AND SHALL BE TRANSFERRED BY THE CONTRACTOR TO THE ACTUAL LINE OF CONSTRUCTION

#### PROJECT SAFETY

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

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 40 MM ( 1-1/2 INCHES WHERE THE SPEED LIMIT IS 80 KM/H (45 MPH) OR LESS AND 25 MM (1 INCH) WHERE THE SPEED LIMIT IS GREATER THAN 80 KM/H (45 MPH). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 75 MM (3 INCHES) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

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.

THE CONTRACTOR SHALL COMPLY WITH AND OBSERVE THE RULES AND REGULATIONS OF O.S.H.A. AND APPROPRIATE AUTHORITIES REGARDING SAFETY PROVISIONS. THE CONTRACTOR, ENGINEER, AND OWNER SHALL EACH BE RESPONSIBLE FOR THEIR OWN RESPECTIVE AGENTS AND EMPLOYEES.

THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS, OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS WORK IN ACCORDANCE WITH THE DOCUMENTS AND SPECIFICATIONS.

ALL ITEMS ASSOCIATED WITH CURB AND GUTTER, DRIVEWAYS AND PATCHING WILL NOT EXCEED THE QUANTITIES LISTED IN THE SUMMARY OF QUANTITIES.

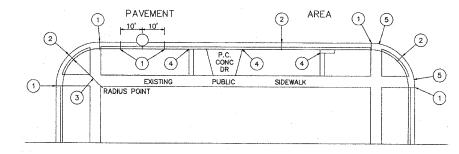
# SUMMARY OF QUANTITIES

	FAU RTE	SEC	TION	COUNTY	SHEETS	NO.
	(75TH ST)1691	05 0004				
	(751H S1)1691 (RIVER RD)1692	05-00012	1-00-K2	COOK	18	2
1	F.H.W.A. R			PROJECT	M-800	3(570)

CONTRACT NO. 83868

Code			Total		
No	Description	Unit	Quantity	75th Street	River Road
			1000		
20101400	Nitrogen Fertilizer Nutrient	Pound	3	1.74	1.66
20101500	Phosphorus Fertilizer Nutrient	Pound	3	1.74	1.66
20101600	Potassium Fertilizer Nutrient	Pound	3	1.74	1.66
20200100	Earth Excavation	CU YD	27	14	13
21101615	Topsoil Furnish and Place, 4"	SQ YD	235	120	115
25200110	Sodding, Salt Tolerant	SQ YD	235	120	115
25200200	Supplemental Watering	UNIT	10	5	5
40600200	Bituminous Materials (Prime Coat)	TON	18	8	10
40600300	Aggregate (Prime Coat)	TON	42	19	23
42300400	Portland Cement Concrete Driveway Pavement, 8"	SQ YD	126	46	80
44000200	Driveway Pavement Removal	SQ YD	298	151	147
44201749	Class D Patching, Type I, 9"	SQYD	5	5	PROPERTY MANAGEMENT AND ADDRESS OF THE PROPERTY ADDRESS OF THE
44201753	Class D Patching, Type II, 9"	SQ YD	34	22	12
4420 1757	Class D Patching, Type IV, 9"	SQ YD	483	100	
60250200	Catch Basins to be Adjusted	EACH	8	8	***************************************
60255600	Manhole to be Adjusted, (Special)	EACH	8	0	
60260100	Inlets to be Adjusted	EACH	9	9	
60266600	Valve Boxes to be Adjusted	EACH	5	5	
67100100	Mobilization	L SUM	1	0.5	0.5
70102620	Traffic Control and Protection, Standard 701501	L SUM	1	0.5	0.5
70300100	Short-Term Pavement Marking	FOOT	955	955	L
78000100	Thermoplastic Pavement Marking-Letters & Symbols	SQFT	523	523	
78000200	Thermoplastic Pavement Marking-Line 4"	FOOT	15490	15490	
78000400	Thermoplastic Pavement Marking-Line 6"	FOOT	1568	1568	
78000600	Thermoplastic Pavement Marking-Line 0	FOOT	572	572	(
78000650	Thermoplastic Pavement Marking-Line 12	FOOT	168	168	
78001100	Paint Pavement Marking-Letters & Symbols	SQFT	252	252	
78001110	Paint Pavement Marking-Lene 4"	FOOT	1288	1288	
78001130	Paint Pavement Marking-Line 4"	FOOT	1764	1764	
78001150	Paint Pavement Marking-Line 0	FOOT		Continue management of the continue of	CONTROL OF THE PARTY OF THE PAR
78001180	Paint Pavement Marking-Line 12  Paint Pavement Marking-Line 24"	FOOT	28 352	28	C
88600600	Detector Loop Replacement	Acres no services		352	
X3550100		FOOT	389	389	
	Bituminous Base Course, Superpave, 4"	SQ YD	172	105	67
X4066414	Bituminous Concrete Surface Course, Superpave, Mixture "C", N50	TON	2780	19	2761
X4066424	Bituminous Concrete Surface Course, Superpave, Mixture "D", N50	TON	1967	1967	C
X4066614	Bituminous Concrete Binder Course, Superpave, IL-19.0, N50	TON	2528	2528	C
X4067100	Polymerized Leveling Binder (Machine Method), Superpave, IL-4.75, N50	TON	1131	0	. 1131
X4409410	Bituminous Surface Removal, 2 1/4"	SQ YD	22901	0	22901
X4409423	Bituminous Surface Removal, 3 3/4"	SQ YD	18729	18729	C
XX003560	Curb and Gutter Removal and Replacement	FOOT	1151	489	662
Z0048665	Railroad Protective Liability Insurance	L SUM	1	1	C

#### \* SPECIALTY ITEMS



- 1. EXPANSION JOINTS AT TANGENT POINTS AND 150 FOOT INTERVALS, CONSISTING OF ONE INCH PREMOLDED JOINT FILLER MATERIAL WITH #8 DOWEL BARS, 18" IN LENGTH, GREASED, PROVIDE EXPANSION CAP ON ONE END. ALSO CONSTRUCT THIS JOINT TEN FEET EACH SIDE OF PROPOSED UNDERGROUND STRUCTURE.
- 2. CONTRACTION JOINTS AT TWENTY-FIVE FOOT INTERVALS AND AT THE CENTER OF RETURNS
- 3. ALL RADII SHALL BE 25 FEET TO THE BACK OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 4. LONGITUDINAL EXPANSION JOINT CONSISTING OF ONE INCH PREMOLDED JOINT FILLER.
- 5. DEPRESS CURB AT LOCATIONS WHERE PUBLIC WALKS INTERSECT CURB LINE AT STREET INTERSECTIONS, ALLEYS, AND OTHER LOCATIONS AS DIRECTED, FOR THE CONSTRUCTION OF RAMPED SIDEWALKS FOR ACCESS BY THE HANDICAPPED.

# JOINT DETAILS



# Frank Novotny & Associates, Inc.

GENERAL	NOTES		
SUMMARY OF	QUANTITIES		

SCALE	SHEET
NONE	311221
DATE	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
NOV., 2005	OF
FIELD BOOK NO.	18
FILE	SHEETS
	NONE