

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 UTILITY 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 OR 811, 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.

TRAFFIC CONTROL DEVICES

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

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 INCLUDED IN THE COST OF THE COMBINATION CURB AND GUTTER REMOVAL ITEM, 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".

SUPERINTENDENCE

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. SAWCUTTING FOR PATCHES WILL BE INCLUDED IN THE COST OF 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 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 HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

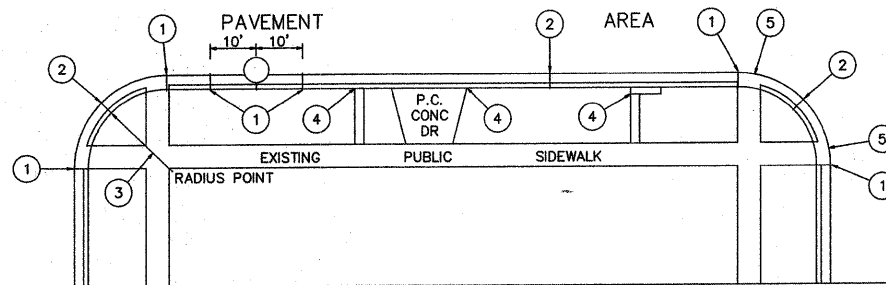
THE CONTRACTOR SHALL COMPLY WITH AND OBSERVE THE RULES AND REGULATIONS OF O.S.H.A. AND APPROPRIATE AUTHORITIES REGARDING SAFETY PROVISIONS. THE CONTRACTOR, ENGINEER, AND OWNER SHALL EACH BE RESPONSIBLE FOR THEIR OWN RESPECTIVE AGENTS AND EMPLOYEES.

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.

SPECIAL PROJECT NOTES

DRIVEWAY REPAIR BETWEEN THE CURB AND THE PROPERTY LINE SHALL BE COMPLETED PER THE VILLAGE ORDINANCE. THE INSTALLATION IS DETAILED IN THESE PLANS AND IN THE SPECIAL PROVISIONS.

ALL PATCHING WILL BE MARKED OUT AND CONSTRUCTED AFTER MILLING. A PROOF ROLL WILL BE REQUIRED.



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

SUMMARY OF QUANTITIES

Specialty Item	Special Provision	Item No	Description	Unit	Quantity	Construction Code 1000
		20200100	EARTH EXCAVATION	CU YD	250	
	SP	20200410	EARTH EXCAVATION (SPECIAL)	CU YD	635	
		31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	980	
		21101605	TOPSOIL FURNISH AND PLACE, 2"	SQ YD	10,654	
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	198	
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	198	
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	198	
		25200100	SODDING	SQ YD	10,654	
		25200200	SUPPLEMENTAL WATERING	UNIT	287	
		28000500	INLET AND PIPE PROTECTION	EACH	25	
		28000510	INLET FILTERS	EACH	250	
		35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	16,816	
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	
		40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	15	
		40600300	AGGREGATE (PRIME COAT)	TON	55	
		40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,451	
		40600895	CONSTRUCTING TEST STRIP	EACH	1	
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	895	
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,900	
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MX "D", N50	TON	5,108	
		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	2,786	
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	18,471	
		44000100	PAVEMENT REMOVAL	SQ YD	16,816	
		44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	31,617	
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,786	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	31,336	
		44000600	SIDEWALK REMOVAL	SQ FT	18,471	
		44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	100	
		44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	300	
		44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	1,000	
	SP	44300300	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	34,828	
	SP	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2	
	SP	60220400	MANHOLES, TYPE A, SPECIAL, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	
	SP	60238900	INLETS, TYPE A, SPECIAL, TYPE 1 FRAME, OPEN LID	EACH	6	
		60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	
		60255500	MANHOLES TO BE ADJUSTED	EACH	13	
		60257900	MANHOLES TO BE RECONSTRUCTED	EACH	3	
		60260100	INLETS TO BE ADJUSTED	EACH	106	
		60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	
	SP	60266610	VALVE BOXES TO BE ADJUSTED (SPECIAL)	EACH	6	
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	7	
	SP	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	64	
		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	14	
		60500060	REMOVING INLETS	EACH	5	
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	
		67100100	MOBILIZATION	L SUM	1	
		70102820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	
		70102835	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	
		70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	
		70300100	SHORT-TERM PAVEMENT MARKING	FOOT	800	
		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	600	
*		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	37	
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	610	
*		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,408	
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	170	
*	SP	81400115	HANDHOLE TO BE ADJUSTED	EACH	2	
*	SP	88600600	DETECTOR LOOP REPLACEMENT	FOOT	450	
	SP	X0326144	TACTILE/DETECTABLE WARNING SURFACE	SQ FT	1,752	
	SP	X6063401	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	31,336	
	SP	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	
Δ	SP	Z0076600	TRAINEES	HOUR	1,500	
	SP	XX003313	REMOVE AND REINSTALL BRICK PAVER	SQ FT	279	
	SP	XX006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	5,350	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, JOINT DETAILS, &
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

Frank Novotny & Associates, Inc.
Civil Engineer
Municipal Consultants
825 Midway Drive • Wilmette, IL • 60091 • Telephone: (800) 887-8840 • Fax: (800) 887-0128
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 084-000026

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	09-00047-00-RS	COOK	57	2
CONTRACT NO. 63443				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT HPP-0797(123)				

FILE NAME =	USER NAME =	DESIGNED -- THK	REVISED -- AMS 1/22/10
		DRAWN -- JFP-JEP	REVISED -- AMS 1/29/10
	PLOT SCALE =	CHECKED -- JLC	REVISED --
	PLOT DATE =	DATE -- 1/22/10	REVISED --