

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.

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 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".

SUPERINTENDENCE
SPECIAL ATTENTION IS DRAWN TO ARTICLE 105.08 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. 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.

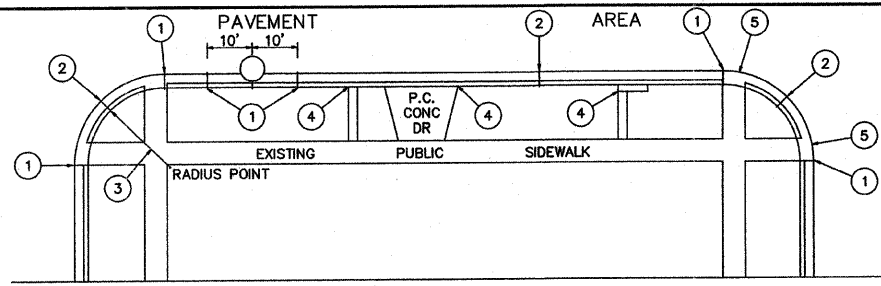
CONSTRUCTION LAYOUT STAKES
THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH WOODEN STAKES OR OTHER LAYOUT MATERIALS FOR LAYOUT OF THE LINES AND GRADES OF THE PROJECT. FAILURE TO PROVIDE STAKES IN A TIMELY MANNER WILL RESULT IN A DELAY IN STAKEOUT WHICH WILL BE APPLICABLE AGAINST THE TIME LIMIT FOR COMPLETION 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 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. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 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 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.

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



- 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.
- CONTRACTION JOINTS AT TWENTY-FIVE FOOT INTERVALS AND AT THE CENTER OF RETURNS.
- ALL RADII SHALL BE 25 FEET TO THE BACK OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- LONGITUDINAL EXPANSION JOINT CONSISTING OF ONE INCH PREMOLDED JOINT FILLER.
- 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

Item No	Description	Unit	Construction											
			Code 1000	Quantity	67th St.	Cobb St.	Lyons St.	Chester Ave.	Wenz Ave.	Conrad Ave.	Kane Ave.	Kimball Ave.	Misc.	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	513	63	121	114	78	43	51	17	26			
25200100	SODDING	SQ YD	513	63	121	114	78	43	51	17	26			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	15	2.1	2.7	3.3	1.4	1.4	1.4	1.8	0.9			
40600300	AGGREGATE (PRIME COAT)	TON	37	5.1	6.5	7.8	3.5	3.5	4	4.3	2.3			
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	2040	289	364	441	194	194	192	240	126			
40600895	CONSTRUCTING TEST STRIP	EACH	1										1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	95	33	25	37								
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3561	503	635	767	340	340	336	420	220			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	47	8.9	17	4.8	12.8		2		1.5			
42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SQ YD	20			20								
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ FT	212	23	85	104								
42400800	DETECTABLE WARNINGS	SQ FT	630	90	315	225								
44000100	PAVEMENT REMOVAL	SQ YD	20			20								
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4"	SQ YD	36330	5136	6475	7830	3465	3467	3425	4284	2248			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	293	53	101.2	41.9	76.1		11.9		8.9			
44000600	SIDEWALK REMOVAL	SQ FT	212	23	85	104								
44201737	CLASS D PATCHES, TYPE I, 8"	SQ YD	120										120	
44201741	CLASS D PATCHES, TYPE II, 8"	SQ YD	300										300	
44201745	CLASS D PATCHES, TYPE III, 8"	SQ YD	433						33				400	
44201747	CLASS D PATCHES, TYPE IV, 8"	SQ YD	529				129						400	
44300300	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	36425	5169	6500	7867	3465	3467	3425	4284	2248			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	68	11	15	17	5	5	4	3	8			
60255500	MANHOLES TO BE ADJUSTED	EACH	4			3		1						
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	1		1								
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	38	6	4	13	4	3	2	2	4			
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1		1									
67100100	MOBILIZATION	L SUM	1										1	
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1										1	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	65								65			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5096	1914		2078				1104				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2433	303	778	577	252	253			270			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1728		594	540			274	318				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	980	83	314	268	60	60	66	68	61			
* XX003435	PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	S.Y.	378	63.9		115	62.3	54	60.2	14.9	7.7			
44001100	COMBINATION CONCRETE CURB+GUTTER REMOVAL+REPL.	FOOT	2696	290	506	791	365	316	192	108	128			
XX006395	SHOTCRETE CURB AND GUTTER REPAIR	FOOT	600	42	23	47	56	61	63	58	51		199	
Z0048685	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1										1	

* SPECIALTY ITEM

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PROJECT: VILLAGE OF HODGKINS, ILLINOIS
LAPP STREET RESURFACING
MFT SECTION NO. 09-00016-00-RS

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	5-20-09	PER I.D.O.T. REVIEW

GENERAL NOTES
JOINT DETAILS
SUMMARY OF QUANTITIES

PROJECT NO. 09055	SCALE NONE	SHEET 2 OF 18 SHEETS
DRAWN/DESIGNED JFP/JLC	DATE APR., 2009	
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	