

**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 105.06 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 TAKEOUT 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.

**DRAINAGE STRUCTURE RECONSTRUCTION**

**NOTE:**

LOCATIONS OF DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED, SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.


FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	06-00080-00-BT	COOK	16	2
F.H.W.A. REG.	ILLINOIS PROJECT	HPP-3463(004)		

CONTRACT NO. 63220

**SUMMARY OF QUANTITIES**

Item No	Description	Unit	Quantity	26TH STREET	VILLAGE HALL	POLICE FACILITY	PUBLIC WORKS	FIRE DEPT.	PROJECT
				1ST AVE. TO DES PLAINES AVE.	PKING. LOT & RDWY. RESURF.	PKING. LOT & RDWY. RESURF.	PKING. LOT, YARD & RDWY. RESURF.	APRON & PAVMT. REHAB.	
20201500	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	240	40				200	
35800100	PREPARATION OF BASE	SQ YD	9,980		5380		4250	350	
35800200	AGGREGATE BASE REPAIR	TON	290		150		120	20	
35800300	AGGREGATE BASE REPAIR (SPECIAL)	TON	145		75		60	10	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	4,775	1100	1800	335	1450	90	
40600300	AGGREGATE (PRIME COAT)	TON	35	10	10	5	10		
40600535	LEVELING BINDER (HAND METHOD), N70	TON	20	20					
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	650	650					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	120	120					
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N60	TON	1,285		700		550	45	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N60	TON	1,440		600		520	30	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,270	1270					
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	105	40	65				
42001100	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	1,570				220	1350	
42001200	PAVEMENT FABRIC	SQ YD	1,570				220	1350	
42001300	PROTECTIVE COAT	SQ YD	1,975	340	65		220	1350	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	1,100	550	300	200	50		
42400800	DETECTABLE WARNINGS	SQ FT	135	10	85	10	30		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	6,355		1400	3355	1600		
44000181	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	11,000	11000					
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	9,980		5380		4250	350	
44000100	PAVEMENT REMOVAL	SQ YD	325	40	65		220		
44000600	SIDEWALK REMOVAL	SQ FT	1,100	550	300	200	50		
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	735	650	40	20	20	5	
44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	1,350					1350	
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	1,075	1000	25		50		
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	1,225	1000	25	100	100		
44300300	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	11,000	11000					
60248700	VALVE VAULT, TYPE A, 4' DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1	1			4	2	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	16	1	7	2			
60255500	MANHOLES TO BE ADJUSTED	EACH	8	5	2				
60260100	INLETS TO BE ADJUSTED	EACH	3	1		1	1		
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	1			2		
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	30	30					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10						10
67100100	MOBILIZATION	L SUM	1						1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1						1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,200	1200					
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	300	300					
70300220	TEMPORARY PAVEMENT MARKING - LINE, 4"	FOOT	5,500	5500					
70300240	TEMPORARY PAVEMENT MARKING - LINE, 6"	FOOT	5,500	5500					
70300280	TEMPORARY PAVEMENT MARKING - LINE, 12"	FOOT	150	150					
70300280	TEMPORARY PAVEMENT MARKING - LINE, 24"	FOOT	90	90					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	600	600					
72000100	SIGN PANEL-TYPE 1	SQ FT	13	9				4	
72900100	METAL POST-TYPE A	FOOT	30	20				10	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	300	300					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE, 4"	FOOT	5,500	5500					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE, 6"	FOOT	5,500	5500					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE, 12"	FOOT	150	150					
* 78000850	THERMOPLASTIC PAVEMENT MARKING - LINE, 24"	FOOT	90	90					
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	75		65		5	5	
* 78001110	PAINT PAVEMENT MARKING - LINE, 4"	FOOT	4,000		2300	1150	300	250	
* 78001130	PAINT PAVEMENT MARKING - LINE, 6"	FOOT	230	200	30				
* 78001150	PAINT PAVEMENT MARKING - LINE, 12"	FOOT	200	200					
* 78001180	PAINT PAVEMENT MARKING - LINE, 24"	FOOT	30		30				
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	25	25					
* 81400215	HEAVY-DUTY HANDHOLE TO BE ADJUSTED	EACH	1	1					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	620	500	120				
* 20017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	10	5	2	1	1	1	
* X7800200	PAINT PAVEMENT MARKING, CURB	FOOT	660		400	200	60		
XX003435	PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	40	40					
* XX006257	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	215	215					
Z0048685	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1						1

\* SPECIALTY ITEM


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PROJECT **VILLAGE OF NORTH RIVERSIDE, ILLINOIS**  
**VILLAGE WIDE BIKE PATH - STAGE 1**  
 26TH STREET RESURFACING (1ST AVENUE TO DES PLAINES AVENUE)  
 & VILLAGE COMMONS COMPLEX PARKING REHABILITATION  
 M.F.T. SECTION NO. 06-00080-00-BT

R E V I S I O N S			
NO.	BY	DATE	DESCRIPTION
1	JEF	5-27-09	PER I.D.O.T. REVIEW
2	JEF	6-03-09	PER I.D.O.T. REVIEW

GENERAL NOTES  
 SUMMARY OF QUANTITIES

PROJECT NO. 03049	SCALE NONE	SHEET 2 OF 16 SHEETS
DRAWN/DESIGNED JEP/AMS	DATE APRIL, 2009	
CHECKED/APPROVED JFP/JEF	FIELD BOOK NO. FILE	