



# **MAINE TOWNSHIP**

## **Highway Department**

ED BEAUVAIS  
Highway Commissioner

### **PROPOSAL FOR:**

Maine Township  
Highway Department

2025 Paving Project

April 23, 2025

By Order Of:  
Ed Beauvais  
Maine Township Highway Commissioner

1401 Redeker Road, Des Plaines, IL 60016-3413 • (847) 297-5225 (847) 297-6723(FAX)

## PROPOSAL

TO:           Ed Beauvais  
              Township Highway Commissioner  
              Maine Township  
              1700 Ballard Road, Park Ridge, IL 6006

FROM: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## INSTRUCTIONS TO BIDDERS

### LEGAL NOTICE INVITATION FOR BID

Legal Notice is hereby given that Maine Township Road District is accepting bids for the following projects:

2025 Paving Project

Specifications may be downloaded by going to Maine Township website [mainetown.com](http://mainetown.com)

There will be no charge associated with obtaining electronic copies of the bid documents starting April 23, 2025. For more information contact Ted Ward, Engineer at (847) 722-4043. Bids **MUST** be made on the forms provided. All bidders **MUST** be pre-qualified by the Illinois Department of Transportation for road construction and **MUST** meet the Illinois Department of Transportation's requirements for bonding and insurance (*documentation proving both of these items must be included with the bid or the bidder will be disqualified*) and **MUST** be in compliance with the Prevailing Wage Act. All bids must be received no later than 9:30 a.m. on May 8, 2025 at Maine Township Town Hall, 1700 Ballard Road, Park Ridge, Illinois, 60068. Bid opening will be held at 9:30 a.m. on the same day at Maine Township Town Hall. The Highway Commissioner reserves the right to reject any and all bids and to accept any proposal in its entirety or part thereof if in the judgment of the Highway Commissioner the best interests of the Township will be promoted thereby.

All bids shall be accompanied by a bid bond, certified check or cashier's check in the amount of 10% of the bid.

By Order Of:  
Ed Beauvais  
Maine Township Highway Commissioner

Peter Gialamas  
Maine Township Clerk

**MAINE TOWNSHIP**  
**2025 PAVING PROJECT**

**PROPOSAL**

**GENERAL CONDITIONS**

1. The bidder shall submit his proposal on the form furnished by the Township Highway Commissioner.
2. The proposal shall be executed properly and the bidder shall indicate in figures, a unit price for each of the separate items called or in the proposal, he shall show the products of the respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the proposal shall be the summation of said products. All writing shall be with ink or typewriter, except the signature of the bidder shall always be written with ink.
3. The Township Highway Commissioner reserves the right to reject any or all proposals, and to accept any proposal in its entirety or part thereof if in the judgement of the Township Highway Commissioner the best interests of the Township will be promoted thereby.
4. The successful bidder shall not be liable for any delays in manufacturing, shipping or delivery of materials caused by fire, strikes, lockouts, differences with workmen, accidents, war, insurrection, etc., or any other reason over which the bidder has no control.
5. If the successful bidder fails or refuses to furnish any part or all of the materials of work called for in the contract, the Township Highway Commissioner reserves the right to secure such materials or work in the open market and to charge the difference in cost to the successful bidder.

**SPECIFICATIONS**

The successful bidder shall meet the requirements of the most current issue of the State of Illinois "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

## CONTROL OF MATERIALS

All materials used in the contract shall meet the requirement of the Standard Specifications.

Sampling and inspection will be conducted and whenever practicable and when so conducted suitable space and facilities, as may be required by the purchaser, shall be furnished by the supplier. The representative of the purchaser shall be permitted to sample the cars, trucks or tanks as they are loaded, while en route, or while or after delivery is made.

If any material is rejected for failure to meet the requirements of the Stand Specifications and a retest is requested, the successful bidder shall pay the cost of the demurrage, if any, resulting from delay caused by such retest.

## BOND

The successful bidder, within fifteen days from the date contract is awarded, shall deposit with the Township Highway Commissioner a bond for the full amount of the contract. This bond shall be a surety bond, acceptable to the Township Highway Commissioner and shall be conditioned upon the faithful performance of the bidder's contract.

## **PROPOSAL AGREEMENTS**

In accordance with the advertisement, special provisions and specifications attached hereto and which are a part hereof, the undersigned proposes to furnish all labor, materials and equipment and to perform all work named and described in the proposal, for the sum of the products obtained by multiplying each of the estimated quantities tabulated in the Schedule of Prices, by the respective unit prices submitted. The undersigned agrees to deliver, stockpile and apply all materials as specified to the location or locations as directed by the Township Highway Commissioner. It is understood and agreed that the Township Highway Commissioner reserves the right;

- a) To increase or decrease the quantities in the contract provided the total price for all such increases or decreases does not exceed twenty-five percent (25%) of the original contract price.

Should any changes in quantities be made which result in increased or decreased quantities of work to be performed, payment shall be made at the contract unit prices for the work actually done.

No allowance will be made for any change in anticipated profits nor shall such changes be considered as waiving or invalidating any condition or provision of the contract.

- b) To cancel the entire contract or any part thereof, if conditions over which the Township Highway Commissioner has no control force the halting of the work by the Township Highway Commissioner.

### **PAYMENT**

Every thirty days, the Township Highway Commissioner will take an approximate estimate in writing of the materials in place complete, the amount of work performed and the value thereof at the contract unit prices. A warrant on the Township Treasurer will then be prepared and signed by the Township Highway Commissioner for the payment of such materials or work.

The successful bidder agrees to replace any or all bid items which have been paid for under the contract and which have been rejected for failing to meet the specifications.

### **PREVAILING WAGE**

All wages paid by the Contractor and Subcontractors shall be in compliance with "An Act regulating wages of laborers, mechanics and other workmen employed in any public works by the State, County, City or any public body or any political Subdivision or by anyone under contract for public works," approved June 26, 1941, as amended, except that where a prevailing wage violates a Federal Law, order, or ruling, the rate conforming to the Federal law, order or ruling shall govern.

## SPECIAL PROVISIONS

### 1. BITUMINOUS CONCRETE REMOVAL (VARIABLE DEPTH)

DESCRIPTION: This work consists of removing the existing bituminous concrete to varying depths as shown on the detail or as directed by Maine Township Highway Department.

GENERAL REQUIREMENTS: This work under this item shall be in accordance with Section 440 of the Standard Specification, except as herein modified.

Equipment: The equipment used for the bituminous concrete removal shall be a self-propelled grinding machine capable of removing in one pass, a layer of pavement at least 6 feet in width and 0 to 4 inches in depth. The grinding machine shall be on not less than a 6-foot wheelbase and shall be capable of grinding variable depths required. It shall be required that the material be wind rolled and conveyed by a continuous conveyor to a truck for removal from the construction site. It shall also have an effective means for removing excess material from the surface and for preventing any dust from the operation escaping into the air.

The nature and condition of the equipment and the manner of performing the work shall be such that the ground surface is not torn, gouged, shoved, or otherwise injured by the grinding operations. Removing the pavement to the required depth adjacent to the structures in the pavement surface such as drain castings and utility covers shall be accomplished in a manner satisfactory to the Commissioner.

The milling of side streets at intersections, alley returns, and other confined areas may be accomplished through the use of smaller, more maneuverable machines other than specified above.

Sewer protection: Prior to the start of grinding operations and until all excess material, dust or debris is removed by a mechanical sweeper, all catch basins and open lid manholes shall be plated or have burlap placed between lid and frame to prevent any grinding debris from entering the sewer system. Any debris entering a manhole shall be immediately removed.

Debris Removal: Upon completion of the grinding operation any excess material, dust or debris remaining on the pavement shall be removed by means of a mechanical sweeper following directly behind the grinding operation.

Disposal: Grindings shall be immediately removed from the site and legally disposed of on accordance with Article 202.03 of the Standard Specifications. Stockpiling of any debris or material resulting from this work shall not be allowed.

Butt Joints: Saw cutting and removing the pavement to construct butt joints is included in this item and shall be accomplished in a manner satisfactory to the Commissioner. No separate payment will be made for saw cutting and constructing butt joints.

METHOD OF MEASUREMENT: Bituminous Concrete Removal (Variable Depth) will be measured in place and the area computed in square yards. The square yards measured will be paid for only once regardless of the number of passes needed to remove the material.

BASIS OF PAYMENT: This work will be paid for at the contract unit price per square yard for BITUMINOUS CONCRETE REMOVAL (VARIABLE DEPTH), which price shall be payment in full for completing the work specified.

# MAINE TOWNSHIP 2025 PAVING PROJECT

## SCHEDULE OF PRICES

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Bituminous Concrete Removal, 2" (Variable Depth)	6,750	SY	\$	\$
2	HMA Surface Course, IL-9.5, Mix "D", 2" N50	6,750	SY	\$	\$
3	Bituminous Material, Prime Coat	675	GAL	\$	\$
4	Miscellaneous 4" Binder Patch	500	SY		
5	Remove and Replace Concrete Sidewalk, 5"	6,640	SF	\$	\$
6	Remove and Replace Concrete Curb and Gutter, Various Types	1,460	LF	\$	\$
7	Contiguous Curb & Sidewalk Pinning, 12" #4 @ 3'C-C	140	LF	\$	\$
8	New 5" Concrete Sidewalk, 4" CA-6 (Includes Excavation)	175	SF	\$	\$
9	ADA Detectable Warnings	100	SF	\$	\$
10	Thermoplastic Pavement Marking, 6" White*	885	LF	\$	\$
11	Thermoplastic Letter & Symbols, White	10	SF	\$	\$
12	Restoration, Topsoil & Seed	1	LS	\$	\$
<b>TOTAL</b>					<b>\$</b>

**Notes:**

- Traffic Control and protection shall be provided by the contractor for all work, as necessary, and any associated costs shall be incidental to the contract.
  - At locations where the existing sidewalk and curb were poured monolithic the replacement of curb & sidewalk shall be separate pours.
  - The pavement adjacent to the curb removal shall be removed, full depth, a minimum distance of 12" from the existing face of curb. Removal and backfill of this pavement with concrete shall be included in the cost of the curb and gutter replacement.
  - Method of measurement for curb/sidewalk pinning shall be by linear footage of curb.
  - Restoration behind curb or sidewalk shall include a minimum of 6" of pulverized topsoil and IDOT Class 2A Seed.
- \* 470 LF of item #10 if for parking stall striping on Potter Rd just south of Golf Road.

Submitted By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Date: \_\_\_\_\_



Having examined the exhibit, specifications, instructions to bidders, form of contract, form of bond, and having thoroughly examined the site and the pertinent areas adjacent thereto, acknowledge the same to be accurate and complete insofar as pertinent details are concerned, the undersigned agrees to furnish all labor, materials, tools, equipment, and services, and whatever else is required for the construction of the enumerated items listed below, all in accordance with the plans, specifications, and contract documents prepared by SPACECO, Inc. and entitled:

**MAINE TOWNSHIP – 2025 PAVING PROJECT**

**DES PLAINES, IL**

In submitting this BID the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein; and that the proposal is made without collusion with any other person, firm, or corporation.

The undersigned declares that he/she understands that where quantities are listed, they are approximate only, subject to increase or decrease, that in such cases he/she will accept in full payment therefor the amount of the summation of the actual quantities, as finally determined, multiplied by the contract unit prices shown on the CONTRACT BID SCHEDULE contained herein.

The undersigned further agrees that if the Owner increases or decreases the improvement or otherwise alters it by extras or deductions, including the elimination of any one or more of the items by an amount not to exceed twenty five percent (25%) of the total money value of the original contract price, he/she will perform the work as altered, increased, or decreased at the contract unit price.

The undersigned further agrees that the Owner may at any time during the progress of the work covered by this BID, order other work or materials incidental thereto and that all such work and materials as do not appear in the BID or contract as a specific item accompanied by a unit price, and which are not included under the bid price for other items in this BID, shall be performed as extra work and he/she will accept as full compensation therefore that actual cost plus fifteen (15%), the actual cost to be determined by the Engineer.

The undersigned further agrees to execute a contract for this work and present it to the Owner within FOURTEEN (14) days after the date of notice of the award of the contract to him.

The undersigned further agrees that he/she will commence work not later than TEN (10) days after the execution and approval of the contract and will diligently prosecute the work in such a manner and with such materials, equipment, and labor, and will insure its completion within the time limit specified herein, it being understood and agreed that completion within the time limit is an essential part of the contract.

The undersigned submits herewith his CONTRACT BID SCHEDULE covering the work to be performed under the contract; he/she understands that he/she must show in the schedule the unit prices for which he/she proposes to perform each item of work; that the extension must be made by him and that if not so done, his BID may be rejected as irregular. All references by the STANDARD SPECIFICATIONS to BASIS OF PAYMENT are hereby deleted. Compensation to the CONTRACTOR shall be made on the basis of the UNIT PRICES and the PAY ITEMS indicated in the CONTRACT BID SCHEDULE and such compensation shall be considered payment in full for all work. Items of work for which there are no pay items shall be considered incidental to the contract.

The Owner reserves the right to reject any or all BIDS or to waive any formality or technicality in any BID in the interest of the Owner. No Bidder may withdraw his BID for a period of thirty (30) days after the date of opening thereof.

ADDENDA: The undersigned hereby acknowledges receipt of the following addenda:

ADDENDUM NUMBER

DATED

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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(If an Individual)

Signature of Bidder

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Business Address

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Date

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(If a Co-Partnership)

Firm Name

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Signed By

---

Business Address

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Date

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---

(If a Corporation)

Corporate Name

---

Signed By

---

Business Address

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---

Date

---

Corporate Seal

---

Insert Names of Officers

Treasurer

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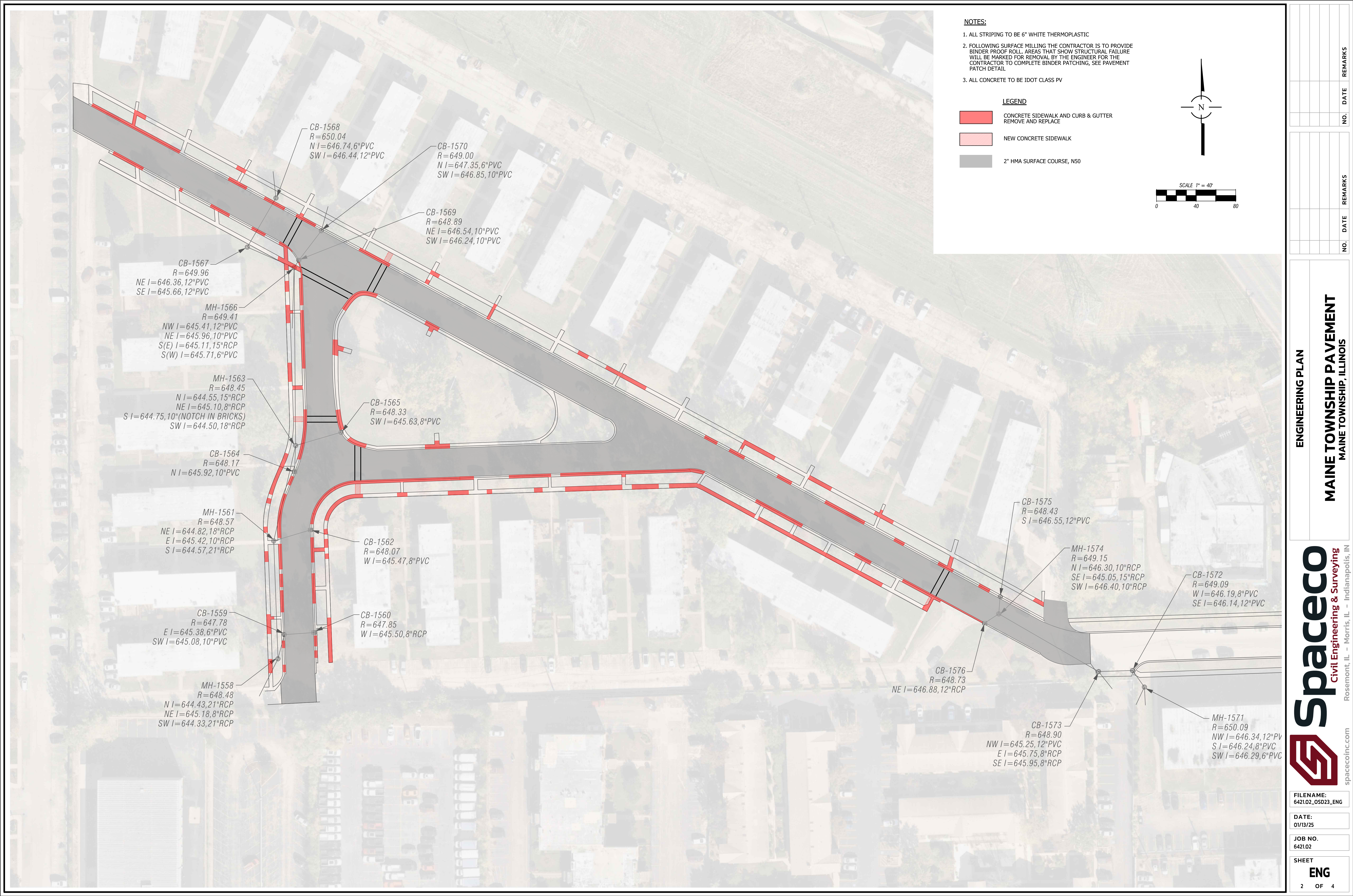
Attest:

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Secretary









EARTHWORK NOTES		PAVING NOTES	
<div>1. GENERAL</div> <div>A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE. THE CONTRACTOR SHALL OBTAIN AND READ THE GEOTECHNICAL REPORTS AVAILABLE FROM THE OWNER.</div> <div>B. ANY QUANTITIES IN THE BID PROPOSAL ARE INTENDED AS A GUIDE FOR THE CONTRACTOR'S USE IN DETERMINING THE SCOPE OF THE COMPLETED PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRAISE HIMSELF OF ALL SITE CONDITIONS. THE CONTRACT PRICE SUBMITTED BY THE CONTRACTOR SHALL BE CONSIDERED AS LUMP SUM FOR THE COMPLETE PROJECT. NO CLAIMS FOR EXTRA WORK WILL BE RECOGNIZED UNLESS ORDERED IN WRITING BY THE OWNER.</div> <div>C. THE CONTRACTOR WILL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE ELEVATIONS AND THAT PAVEMENT THICKNESS, TOPSOIL, ETC. MUST BE SUBTRACTED TO DETERMINE SUBGRADE ELEVATIONS.</div> <div>D. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION, AND PREVENT STORMWATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS. THE FAILURE TO PROVIDE PROPER DRAINAGE WILL NEGATE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION AND TRAFFIC.</div> <div>E. PLANS FOR THE SITE DETERMINING, IF EMPLOYED, SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER PRIOR TO IMPLEMENTATION. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR DETERMINING DURING CONSTRUCTION.</div> <div>F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES". THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES AND THE PLACEMENT OF SILT AND FILTER FENCING, ETC. TO PROTECT ADJACENT PROPERTY, WETLANDS, ETC. SHALL OCCUR BEFORE GRADING BEGINS. A MUNICIPAL EROSION CONTROL INSPECTION MAY BE REQUIRED BEFORE ANY EARTHWORK IS PERFORMED.</div> <div>G. PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES, THE CONTRACTOR SHALL ERECT A "SNOW FENCE" AROUND ANY TREE DESIGNATED TO BE PRESERVED. SAID FENCE SHALL BE PLACED IN A CIRCLE CENTERED AROUND THE TREE, THE DIAMETER OF WHICH SHALL BE SUCH THAT THE ENTIRE DRIIP ZONE (EXTENT OF FURTEST EXTENDING BRANCHES) SHALL BE WITHIN THE FENCE LIMITS. THE EXISTING GRADE WITHIN THE FENCED AREA SHALL NOT BE DISTURBED.</div> <div>H. EXCESS MATERIALS, IF NOT UTILIZED AS FILL, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.</div> <div>I. ALL EARTHWORK SHALL BE DONE UNDER THE SUPERVISION OF AN ILLINOIS LICENSED ENGINEER WHO SPECIALIZES IN THE GEOTECHNICAL FIELD. THE ENGINEER SHALL BE RESPONSIBLE FOR ENSURING THAT ALL UNSUITABLE MATERIALS ARE REMOVED, ALL STRUCTURAL FILL MATERIALS ARE PROPERLY PLACED AND COMPACTED, ALL PAVEMENT SUBGRADES ARE PROPERLY PREPARED, PROOF ROLLING SUBGRADES AND BASE COURSES, AND ENSURING THAT ALL WATER RETAINING EMBANKMENTS ARE PROPERLY CONSTRUCTED. THE DEVELOPER PAYS FOR ALL GEOTECHNICAL SERVICES.</div> <div>2. TOPSOIL EXCAVATION INCLUDES:</div> <div>A. EXCAVATION OF TOPSOIL AND OTHER STRUCTURALLY UNSUITABLE MATERIALS WITHIN THOSE AREAS THAT WILL REQUIRE EARTH EXCAVATION OR COMPACTED EARTH FILL MATERIAL. EXISTING VEGETATION SHALL BE REMOVED PRIOR TO STRIPPING TOPSOIL OR FILLING AREAS.</div> <div>B. PLACEMENT OF THE EXCAVATED MATERIAL IN OWNER DESIGNATED AREAS FOR FUTURE USE WITHIN AREAS TO BE LANDSCAPED, AND THOSE AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL. PROVIDE NECESSARY EROSION CONTROL MEASURES FOR STOCKPILE.</div> <div>C. TOPSOIL STOCKPILED FOR RESPREAD SHALL BE FREE OF CLAY AND SHALL NOT CONTAIN ANY OF THE TRANSITIONAL MATERIAL BETWEEN THE TOPSOIL AND CLAY. THE TRANSITIONAL MATERIAL SHALL BE USED IN NON-STRUCTURAL FILL AREAS OR DISPOSED OF OFF-SITE.</div> <div>D. TOPSOIL, RESPREAD SHALL INCLUDE HAULING AND SPREADING 6" OF TOPSOIL OVER AREAS TO BE LANDSCAPED WHERE SHOWN ON THE PLANS OR DIRECTED BY THE OWNER.</div> <div>E. MODERATE COMPACTION IS REQUIRED IN NON-STRUCTURAL FILL AREAS.</div> <div>3. EARTH EXCAVATION INCLUDES:</div> <div>A. EXCAVATION OF CLAY AND OTHER MATERIALS WHICH ARE SUITABLE FOR USE AS STRUCTURAL FILL. THE EXCAVATION SHALL BE TO WITHIN A TOLERANCE OF 0.1 FEET OF THE PLAN SUBGRADE ELEVATIONS WHILE MAINTAINING PROPER DRAINAGE. THE TOLERANCE WITHIN PAVEMENT AREAS SHALL BE SUCH THAT THE EARTH MATERIALS SHALL "BALANCE" DURING THE FINE GRADING OPERATION.</div> <div>B. PLACEMENT OF THE CLAY AND OTHER SUITABLE MATERIALS SHALL BE WITHIN THOSE AREAS REQUIRING STRUCTURAL FILL IN ORDER TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS TO WITHIN A TOLERANCE OF 0.1 FEET. THE FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS THAT SHALL NOT EXCEED EIGHT (8) INCHES IN THICKNESS, AND THE WATER CONTENT SHALL BE ADJUSTED IN ORDER TO ACHIEVE REQUIRED COMPACTION.</div> <div>STRUCTURAL FILL MATERIAL MAY BE PLACED WITHIN THOSE PORTIONS OF THE SITE NOT REQUIRING STRUCTURAL FILL, TO WITHIN SIX (6) INCHES OF THE PLAN FINISHED GRADE ELEVATION. IN AREAS REQUIRING STRUCTURAL FILL, HOWEVER, THIS MATERIAL SHALL NOT BE PLACED OVER TOPSOIL OR OTHER UNSUITABLE MATERIALS UNLESS SPECIFICALLY DIRECTED BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.</div> <div>C. COMPACTION OF THE CLAY AND OTHER SUITABLE MATERIALS, SHALL BE TO AT LEAST 93% OF THE MODIFIED PROCTOR DRY DENSITY WITHIN PROPOSED PAVEMENT AREAS, SIDEWALK, ETC. COMPACTION SHALL BE AT LEAST 95% OF THE MODIFIED PROCTOR WITHIN PROPOSED BUILDING PAD AREAS.</div> <div>D. EXCAVATION: QUANTITIES OF EARTH EXCAVATION INDICATED ELSEWHERE IN THIS CONTRACT HAVE BEEN COMPUTED BY THE END AREA METHOD AS PROVIDED FOR IN SECTION 202 OF THE STANDARD SPECIFICATIONS. EXCAVATED MATERIALS NOT NEEDED FOR THIS JOB SITE SHALL BE LEGALLY DISPOSED OF. PAYMENT SHALL BE MADE AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION.</div> <div>4. UNSUITABLE MATERIAL</div> <div>UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL WHICH IS NOT SUITABLE FOR THE SUPPORT OF PAVEMENT AND BUILDING CONSTRUCTION, AND IS ENCOUNTERED BELOW NORMAL TOPSOIL DEPTHS AND THE PROPOSED SUBGRADE ELEVATION. THE DECISION TO REMOVE SAID MATERIAL, AND TO WHAT EXTENT, SHALL BE MADE BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.</div> <div>5. MISCELLANEOUS THE CONTRACTOR SHALL:</div> <div>A. SPREAD AND COMPACT UNIFORMLY TO THE DEGREE SPECIFIED ALL EXCESS TRENCH SPOIL AFTER COMPLETION OF THE UNDERGROUND IMPROVEMENTS.</div> <div>B. SCARIFY, DISC, AERATE, AND COMPACT, TO THE DEGREE SPECIFIED, THE UPPER TWELVE (12) INCHES OF THE SUITABLE SUBGRADE MATERIAL, IN AREAS THAT MAY BE SOFT DUE TO EXCESS MOISTURE CONTENT. THIS APPLIES TO CUT AREAS AS WELL AS FILL AREAS.</div> <div>C. PROVIDE WATER TO ADD TO DRY MATERIAL IN ORDER TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION.</div> <div>D. BACKFILL THE CURB AND GUTTER AFTER ITS CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL. THE CURBS SHALL NOT BE BACKFILLED UNTIL THE CONCRETE HAS CURED FOR AT LEAST 7 DAYS.</div> <div>E. TRENCH COMPACTION: ALL TRENCHES SHALL BE COMPACTED BY MECHANICAL TECHNIQUES APPROVED BY THE SOILS ENGINEER UNTIL PROPER COMPACTION IS ACHIEVED. THE REQUIREMENT FOR MECHANICAL COMPACTION MAY BE WAIVED IF, IN THE OPINION OF THE SOILS ENGINEER AND THE MUNICIPAL ENGINEER, THE BACKFILLED TRENCHES MEET THE DENSITY REQUIREMENTS. JETTING OF TRENCHES FOR COMPACTION WILL NOT BE ALLOWED.</div> <div>6. TESTING AND FINAL ACCEPTANCE</div> <div>A. THE CONTRACTOR SHALL PROVIDE AS A MINIMUM, A FULLY LOADED SIX-WHEEL TANDEM AXLE TRUCK FOR PROOF ROLLING THE PAVEMENT SUBGRADE PRIOR TO THE PLACEMENT OF THE CURB AND GUTTER AND THE BASE MATERIAL. THIS SHALL BE WITNESSED BY MUNICIPAL ENGINEER AND THE OWNER. SEE PAVING SPECIFICATION.</div> <div>B. ANY UNSUITABLE AREA ENCOUNTERED AS A RESULT OF PROOF ROLLING SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL, OR OTHERWISE CORRECTED, APPROVED BY THE SOILS CONSULTANT.</div> <div>C. ANY TESTING THAT IS REQUIRED OF THIS CONSTRUCTION IS CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE.</div>		<div>1. GENERAL</div> <div>A. PAVING WORK INCLUDES FINAL SUBGRADE SHAPING, PREPARATION AND COMPACTION; PLACEMENT OF SUB-BASE OR BASE COURSE MATERIALS; BITUMINOUS BINDER AND/OR SURFACE COURSES; FORMING, FINISHING AND CURING CONCRETE PAVEMENT, CURBS AND WALKS; AND FINAL CLEAN-UP AND ALL RELATED WORK.</div> <div>B. COMPACTION REQUIREMENTS: [REFERENCE ASTM D-1557 (MODIFIED PROCTOR)] SUB-GRADE = 93%; SUB-BASE = 93%; AGGREGATE BASE COURSE = 95%; BITUMINOUS COURSES = REFER TO SSRBC ARTICLE 408.07. THE SOILS ENGINEER IS RESPONSIBLE FOR ENSURING THAT MATERIALS ARE PROPERLY PLACED AND COMPACTED.</div> <div>C. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION AND IN ACCORDANCE WITH THE MUNICIPAL CODE.</div> <div>2. SUB-GRADE PREPARATION</div> <div>A. EARTHWORK FOR PROPOSED PAVEMENT SUBGRADE SHALL BE FINISHED TO WITHIN 0.1 FOOT, PLUS OR MINUS, OF PLAN ELEVATION. THE CONTRACTOR SHALL SATISFY HIMSELF THAT THE SUBGRADE HAS BEEN PROPERLY PREPARED AND THAT THE FINISH TOP SUBGRADE ELEVATION HAS BEEN GRADED WITHIN TOLERANCES ALLOWED IN THESE SPECIFICATIONS. UNLESS THE CONTRACTOR ADVISES THE OWNER AND ENGINEER IN WRITING PRIOR TO FINE GRADING FOR BASE COURSE CONSTRUCTION, IT IS UNDERSTOOD THAT HE HAS APPROVED AND ACCEPTS THE RESPONSIBILITY FOR THE SUBGRADE.</div> <div>B. PRIOR TO THE PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE PROOF ROLLED AND INSPECTED FOR UNSUITABLE MATERIALS AND/OR EXCESSIVE MOVEMENT. THE SOILS ENGINEER SHALL CONDUCT AND THE VILLAGE SHALL WITNESS ALL PROOF ROLLS. IF UNSUITABLE SUBGRADE IS ENCOUNTERED, IT SHALL BE CORRECTED IN A MANNER APPROVED BY THE OWNER OR HIS REPRESENTATIVE. THIS MAY INCLUDE ONE OR MORE OF THE FOLLOWING METHODS: 1) SCARIFY, DISC, AND AERATE 2) REMOVE AND REPLACE WITH STRUCTURAL CLAY FILL. 3) REMOVE AND REPLACE WITH GRANULAR MATERIAL. 4) USE OF GEOTEXTILE FABRIC.</div> <div>MAXIMUM DEFLECTION ALLOWED IN ISOLATED AREAS MAY BE 1/4" TO 1/2" IF NO DEFLECTION OCCURS OVER THE MAJORITY OF THE AREA.</div> <div>C. PRIOR TO THE CONSTRUCTION OF THE CURB AND GUTTER AND THE PLACEMENT OF THE BASE MATERIAL, THE PAVEMENT AREA SHALL BE FINE GRADED TO WITHIN 0.04 FEET (1/2") OF FINAL SUBGRADE ELEVATION, TO A POINT TWO (2) FEET BEYOND THE BACK OF CURB, SO AS TO INSURE THE PROPER THICKNESS OF PAVEMENT COURSES. NO CLAIMS FOR EXCESS QUANTITY OF BASE MATERIALS DUE TO IMPROPER SUBGRADE PREPARATION WILL BE HONORED.</div> <div>D. PRIOR TO PLACEMENT OF THE BASE COURSE, ALL SUBGRADES MUST BE APPROVED BY THE MUNICIPAL ENGINEER, SOILS ENGINEER AND/OR OWNER.</div> <div>3. CONCRETE WORK</div> <div>A. ALL EXTERIOR CONCRETE SHALL BE PORTLAND CEMENT CONCRETE CLASS SI OR PV PER (SSRBC) SECTION 1020.04 WITH AIR ENTRAINMENT OF NOT LESS THAN FIVE (5%) OR MORE THAN EIGHT (8%) PERCENT. CONCRETE SHALL BE A MINIMUM OF SIX (6) BAG MIX AND SHALL DEVELOP A MINIMUM OF 3,500 PSI COMPRESSIVE STRENGTH AT FOURTEEN (14) DAYS. ALL CONCRETE SHALL BE BROOM FINISHED PERPENDICULAR TO THE DIRECTION OF TRAVEL. THE ADDITION OF CALCIUM CHLORIDE AND THE SUBSTITUTION OF FLY ASH FOR PORTLAND CEMENT IS PROHIBITED. 1.50 lbs OF COLLATED, FILIBRATED, POLYPROPYLENE OLEFIN FIBERS 0.50 TO 0.75 INCHES IN LENGTH SHALL BE ADDED TO EACH CUBIC YARD OF CONCRETE USED FOR SIDEWALKS. THE FIBERS SHALL BE AS MANUFACTURED UNDER THE NAME "FIBERMESH" OR EQUAL.</div> <div>B. CONCRETE CURB AND/OR COMBINATION CURB AND GUTTER SHALL BE OF THE TYPE SHOWN ON THE PLANS. THE CONTRACTOR IS CAUTIONED TO REFER TO THE CONSTRUCTION STANDARDS AND THE PAVEMENT CROSS-SECTION TO DETERMINE THE GUTTER FLAG THICKNESS AND THE AGGREGATE BASE COURSE THICKNESS BENEATH THE CURB AND GUTTER. PREMOULDED FIBER EXPANSION JOINTS WITH TWO 3/4" X 1/8" EPOXY COATED STEEL DOWEL BARS SHALL BE INSTALLED AT SIXTY (60) FOOT INTERVALS AND AT ALL P.C.'S, P.T'S AND CURB RETURNS. ALTERNATE ENDS OF THE DOWEL BARS SHALL BE GREASED AND FITTED WITH METAL EXPANSION TUBES, SAWED OR FORMED CONTRACTION JOINTS SHALL BE PROVIDED AT NO GREATER THAN FIFTEEN (15) FOOT INTERVALS BETWEEN EXPANSION JOINTS. NO HONEY-COMBING OF THE CURB AND GUTTER WILL BE ACCEPTED.</div> <div>C. CURBS SHALL BE DEPRESSED AT LOCATIONS WHERE PUBLIC WALKS/PEDESTRIAN PATHS INTERSECT CURB LINES, AND OTHER LOCATIONS AS DIRECTED, FOR THE PURPOSE OF PROVIDING ACCESSIBILITY. (SEE CONSTRUCTION STANDARDS FOR DETAIL). BARRIER CURB SHALL ALSO BE DEPRESSED AT DRIVEWAY LOCATIONS.</div> <div>D. THE CURBS SHALL BE BACKFILLED AFTER THEIR CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE. THE CONCRETE MUST CURE FOR AT LEAST SEVEN DAYS BEFORE THE CURBS ARE BACKFILLED.</div> <div>E. CONCRETE SIDEWALK SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS. PROVIDE SCORED JOINTS AT 5 FOOT INTERVALS AND 1/2" PREMOULDED FIBER EXPANSION JOINTS AT 50 FOOT INTERVALS, AND ADJACENT TO CONCRETE CURBS, DRIVEWAYS, FOUNDATIONS, ETC.</div> <div>F. CONCRETE DRIVEWAY APRONS SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS. PROVIDE 6" X 6" NO. 6 WELDED WIRE MESH IN DRIVEWAYS. PROVIDE 1/2" PREMOULDED FIBER EXPANSION JOINT ADJACENT TO CURBS AND CONCRETE SIDEWALKS. PROVIDE SAWED OR FORMED CONTRACTION JOINT AT MID-POINT AND 15 FOOT MAXIMUM.</div> <div>G. STANDARD REINFORCED CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS. SAWED OR FORMED CONTRACTION EXPANSION JOINTS SHALL BE AS SHOWN ON THE PLANS.</div> <div>H. CONCRETE CURING AND PROTECTION SHALL BE IN ACCORDANCE WITH (SSRBC) -METHOD D, II, OR III.</div> <div>I. THE</div>	



