

MIDDLETON ASSOCIATES INCORPORATED
1702 W. COLLEGE AVE., SUITE E
NORMAL, IL 61761-2793
PHONE 309/452-1271 FAX 309/454-8049

SPECIFICATIONS FOR LABOR AND MATERIALS

FOR

PARKING LOT AND DRIVEWAY REPAIRS AT 2 LOCATIONS – ONE CONTRACT

NORMAL COMMUNITY WEST HIGH SCHOOL
701 N. PARKSIDE RD, NORMAL, IL 61761

PEPPER RIDGE ELEMENTARY SCHOOL
2602 DANBURY DR, BLOOMINGTON, IL 61705

FOR

MCLEAN COUNTY UNIT DISTRICT NO. 5
1809 HOVEY AVENUE
NORMAL, ILLINOIS 61761-4339

PROJECT NUMBER: 24732319 NCWHS
24902319 PEPPER RIDGE

ISSUE DATE: MARCH 3, 2020

PRE-BID MEETING: Tuesday, March 17, 2020, 12:30 p.m. prevailing time
NCWHS – Meet at Front Entrance
701 N. Parkside, Normal, IL 61761
Pepper Ridge Elementary
2602 Danbury Dr., Bloomington, IL 61705

BID DATE: Thursday, April 2, 2020
10:00 a.m. Prevailing Time
BOTH PROJECTS COMBINED BID

BID DELIVERED TO: Unit 5 Maintenance Warehouse
1999 Eagle Road
Normal, IL 61761

SPECIFICATION BOOKLET NO. _____



Expiration Date
11/30/20


[Seal and Signature]

DIVISION 0 – BIDDING & CONTRACT REQUIREMENTS

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PROJECT TITLE: McLean County Unit District No. 5
Parking Lot & Driveway Repairs @ 2 locations

Normal Community West High School
701 N. Parkside Rd., Normal, IL 61761
A/E Project No.: 24732319

Pepper Ridge Elementary School
2602 Danbury Dr., Bloomington, IL 61705
A/E Project No.: 24902319

FOR: McLean County Unit District No. 5
District Office: 1809 Hovey Ave., Normal, IL 61761-4339
Maintenance Warehouse: 1999 Eagle Rd., Normal, IL 61761

SUPERINTENDENT OF SCHOOLS: Dr. Mark Daniel

ARCHITECT/ENGINEER: Middleton Associates, Incorporated
1702 W. College Avenue, Suite E
Normal, IL 61761-2793
middleton@middletonassociates.net

ISSUE DATE: March 3, 2020

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G-1.0	NCWHS PHOTO GALLERY
C-1.0	PEPPER RIDGE PARKING SITE PLAN – PAVING
G-1.0	PEPPER RIDGE PHOTO GALLERY
G-1.1	PEPPER RIDGE PHOTO GALLERY

DOCUMENT LIABILITY

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END 00020

DIVISION 0 – BIDDING & CONTRACT REQUIREMENTS
Section 00030 – Invitation for Bids

This notice shall be published not less than ten (10) days prior to the Bid date.

Sealed proposals will be received by: McLean County Unit District No. 5

For Project: McLean County Unit District No. 5
Parking Lot & Driveway Repairs @ 2 locations
Normal Community West High School, A/E Project No. 24732319
Pepper Ridge Elementary School, A/E Project No. 24902319

Time of Bid Submission: **Thursday, April 2, 2020, 10:00 a.m. prevailing time. Both projects – combined bid.**

Bids will be opened following due time.

Location of Bid Submission: McLean County Unit District No. 5 Warehouse
Attn: Joe Adelman
1999 Eagle Rd.
Normal, Illinois 61761.

Proposals shall be delivered to the above location prior to 10:00 a.m. Proposals shall be clearly identified on the outside of the envelope as "Sealed Proposal" and must show the project title.

Terms of the proposal:

- Bid Security is required, 5% Bid Bond or Certified Check payable to McLean County Unit District No. 5.
- Owner protective bonds will be required in the amount of 100% of the Contract value after Board acceptance.
- Illinois Prevailing Wage Act P.A. 86-799 and HB 188 applies to this contract.
- 720 ILCS 5/ Illinois Criminal Code of 2012 is applicable to this project.
- The Board of Education has the right to reject or accept any or all parts of all bids submitted and to waive any irregularities in the bidding and to accept the bid considered in the best interest of the School District.

A Pre-Bid Meeting is scheduled for 12:30 p.m., Tuesday, March 17, 2020, at Normal Community West High School, 701 N. Parkside, Normal, IL 61761. Meet at Front Entrance. Pre-Bid Meeting for Pepper Ridge Elementary School, 2602 Danbury Dr., Bloomington, IL 61705, following after Normal Community West High School.

Interested parties may check out Plans and Specifications at the Architect's office, Middleton Associates, Inc. There is a refundable deposit of \$25.00 per set, or download: www.middletonassociates.net, click on "Contractors."

END 00030

DIVISION 0 – BIDDING & CONTRACT REQUIREMENTS

Section 00040 – Instructions for Bidders

1. GENERAL

1.1. LOCATION OF THE PROJECT:

A. **PARKING LOT & DRIVEWAY REPAIRS @ 2 LOCATIONS**

Normal Community West High School, 701 N. Parkside Rd., Normal, IL 61761

Pepper Ridge Elementary School, 2602 Danbury Dr., Bloomington, IL 61705

1.2. OBTAINING DRAWINGS & SPECIFICATIONS

A. Drawings and Specifications may be obtained from the Architect, Middleton Associates Incorporated, 1702 W. College Ave., Suite E, Normal, IL 61761-2793, Telephone 309/452-1271, FAX 309/454-8049
E-Mail: www.middleton@middletonassociates.net

B. There is a refundable deposit of \$25.00 per set.

C. All sets of Bid Documents, except those held by the low bidder, are to be returned to the Architect/Engineer in good usable condition within ten (10) days following bid opening. Failure to do so shall be grounds for forfeiture of the otherwise refundable deposit. Drawings and Specifications may be examined at the office of the Owner or Architect without charge.

1.3. INTERPRETATION OF DOCUMENTS (See AIA General Conditions Section 00050 and Supplementary General Conditions Section 00800).

A. Anyone having a doubt concerning the meaning of the Contract Documents, or any other questions, may submit a request for interpretation from the Architect/Engineer. All pre-bid interpretation shall be requested FIVE (5) DAYS prior to the bid due date. Response, other than minor clarification, will be in the form of Addenda and will be mailed to each Bidder.

B. It shall be the Architect/Engineer's responsibility to clarify conflicts in requirements as may be reported to the Architect/Engineer. After bid due date, the Architect/Engineer shall determine the course to be followed for said clarification with no cost change to the Owner.

C. All work in these documents shall be as described, including any and all trade subcontractors of the contractor's determination and designation with no cost increase to the Owner.

1.4. INTENT, ERRORS AND OMISSIONS

A. Any known conflict between requirements of various portions of the Contract Documents shall be reported to the Architect/Engineer prior bid due date and shall fall under the authority of Interpretation of Documents.

- B. The Drawings are descriptive and directive in concept and are not intended to exhaust all detail situations required to complete the work. The procedures detailed shall establish the general character of solutions needed for typical, non-typical, and peculiar situations at the job site.
- C. It is the intent of the documents that specified work and equipment be installed in a proper and finished manner, fully operational, at a minimum of generally accepted standards for good quality commercial construction. All necessary materials, labor, controls, accessories, brackets, fasteners, sealants, etc., to properly install and complete the work shall be provided unless specifically noted otherwise.
- D. Each Contractor and Subcontractor shall coordinate and cooperate with the other Contractors to provide proper installation. Verify dimensions, services, installation conditions, obstacles to the work and modifications necessary to complete the work and coordinate the fit, finish and scheduling of the work.

1.5. DOCUMENT INTENT, PROJECT COMPLETION, FITTING AND FINISHING FULLY FUNCTIONAL, USER READY

- A. It is the intent that all items of work included in the project are to be completely finished and all necessary associated components and accessories for proper completion are to be included in the work.
- B. Drawings are schematic in nature; every single element needed is not necessarily labeled, dimensioned or positioned. Unless specifically exempted, the Contractor shall provide as follows:
 - 1. Good quality fit, finish and workmanship at a level of competency and quality equal to or exceeding commercial construction in the area.
 - a. Sealants, caulks, flashings, transitions, closures and components to assure infiltration and weather tight result and finished appearance inside and out.
 - b. Sealants, flashings, closures at building connections.
 - c. Upper and lower flashings, in new construction and whenever possible, to shed water outward.
 - 2. All components and assemblies to assure proper installation and performance of manufactured equipment, per manufacturer's or industry association standards as a minimum.
 - a. Mechanical equipment, plumbing, piping, ventilation, valves back checks, connections etc.
 - b. Mechanical and electrical coordination, coordination of installation locations, hidden where possible, routed through the construction in the most expedient but concealed manner,

- c. Minor relocation of piping, equipment, installations shall be provided without cost change within 10' either way or reasonable pathways of similar distance.
- d. All other equipment, kitchen, doors, hardware, windows and any other operable equipment
- e. Service access, filters, repairs always allow for reasonable repair and maintenance access.

1.6. BIDDING REQUIREMENTS

- A. Any Contractor Proposal may include Document 00307 Product Substitutions Form / Voluntary Alternates Form. Basic materials have been selected as noted in these Specification Sections and on the Drawings in order to reduce or eliminate any schedule / ordering delays. Any Contractor may propose substitute materials or voluntary alternates to the basic specified materials on this form. If any Contractor desires to offer substitutions or voluntary alternates, include this form with your Bid.
- B. 720 ILCS 5/7 Illinois Criminal Code of 2012, apply: Article 33E, Public Contracts; Interference (See 33E-1); Bid Rigging (See 33E-3); Bid Rotating (See 33E-4) Disclosure (See 33E-5); Kickbacks (See 33E-7); Bribery (See 33E-7); Change Orders (See 33E-8)

1.7. ADDENDA

- A. Addenda may be issued before the bid opening date to clarify or modify the Contract Documents.
- B. Said addenda shall become a part of the Contract documents and supersede any conflicting specifications or clarify intent of same.

1.8. BID SECURITY

- A. The Bidder shall furnish, along with his proposal, a bid bond or certified check in the amount of five percent (5%) of the bid proposal including all additive alternates. The above instrument shall be made payable to the Owner and shall serve as a guarantee that the Contractor will enter into the Contract with the Owner as per his bid, should the job be awarded to him.
- B. Should said Contractor refuse or fail to enter into a Contract with Owner per his bid for the work included in these Contract Documents within forty-five (45) days following bid due date, said bid guarantee shall become collectible, in full, by the Owner in payment for damages. See 00040/1.12 "RETURN OF BID SECURITY."

- 1.9. WITHDRAWAL OF BIDS. Bids may be withdrawn by the Owner or Corp. Officer of Contractor prior to the bid due date and time, after which time no bids may be withdrawn for a period of forty-five (45) days unless a Bidder has been released by the Owner's action.

1.10. PROPOSAL FORMS

- A. Each bidder shall submit his proposal, in duplicate, on proposal form provided. All applicable blank spaces on forms shall be filled out fully; numbers shall be stated both in writing and in figures; signatures shall be live in longhand. Completed forms shall be without delineation, alteration or erasure.
- B. Proposals shall not contain any recapitulation of the work and no oral proposals or modifications are invited for consideration. The Proposal & Contract Form automatically becomes the Contract upon the acceptance and signature of the Owner. See Paragraph 1.14 "COMMENCEMENT OF CONSTRUCTION."
- C. Substitutions of material other than that specified may be included on the proposal. See related Specification Sections for more information on Substitutions.

1.11. SIGNING OR BIDS

- A. All proposals shall be signed (live signatures, no copies of signatures accepted) by persons fully and duly authorized to sign bids.
- B. Any bid signed by a person other than as set forth above shall enclose with his bid proposal evidence of Power of Attorney.

1.12. AWARD OR REJECTION OF BIDS

- A. Although it is the intention of the Owner to accept the lowest qualified bid the Owner specifically reserves the right to waive all formalities and/or informalities, to reject any and all bids and/or accept the bid that, in the Owner's judgment, will be in the Owner's best interest.
- B. Contractor will note: All alternates that are applicable, or as may become applicable by addendum, must be bid.
- C. Should the time for award exceed the time stated for the proposal's expiration period, the Owner reserves the right to continue to negotiate with bidders in the line of award succession as a prior option rather than re-bid.

1.13. RETURN OF BID SECURITY

- A. After bids have been read along with alternates and/or substitutions as applicable and a successful Bidder has been approved by Owner, a Letter of Intent will be sent to the successful bidder and bid security may be returned to the unsuccessful bidders:
 - 1. Except the deposits of the two (2) bidders in line may be retained until Owner/Contractor agreements have been consummated.
 - 2. The Owner has released them.
 - 3. The Bid has expired.

- B. Following the signing of the Contracts and receipt of bonds, remaining bid security will be returned. If the successful Bidder fails to accept the Contract and submit acceptable bonds, same will be grounds for forfeiture of his bid security.
- 1.14. OWNER'S PROTECTIVE BONDS: A 100% of value Labor and Material Payment Bond and a Performance Bond including all alternates accepted is required in the Contract and shall be included in the Contractor's Proposal.
- A. Periodic Change Orders that may occur to the Contract shall be included in each respective bond.
 - B. Bonds shall cover the entire Contract without regard to the Contractor's assignment of work to Subcontractors or Suppliers.
- 1.15. COMMENCEMENT OF CONSTRUCTION
- A. Contractor shall not commence work until the agreement has been executed by both Owner and Contractor and Insurance Certificate and Owner's Protective Bonds have been accepted by the Owner and the Architect. However, work shall commence promptly upon the Owner and Architect's acceptance of Insurance certification and applicable bonds. Commence progress and work completion shall be coordinated with the Owner's programmed use of the buildings.
 - 1. **All insurance certificates shall specifically list McLean County Unit District No. 5 and the Architect, Middleton Associates Incorporated and their consultants and sub-consultants to the work, as added insureds or named insureds.**
 - 2. **Start date – School is currently scheduled to be out for summer on June 1, 2020 (or possibly earlier depending on snow days). This project can start on Tuesday, June 2, 2020 with proper “clicker fence” set up to isolate work space from public access. This will be discussed at Pre Construction meeting.**
 - B. Progress at job site shall be continuous once work has commenced.

1.16. EXAMINATION OF SITE AND CONTRACT DOCUMENTS

- A. Bidder shall carefully examine bidding documents and inspect the sites to obtain first-hand knowledge of existing conditions.

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- B. Each Bidder, by submitting his bid, represents that he has so examined the bidding documents and inspected the site and premises, that he understands the provisions of the bidding documents, and that he has familiarized himself with the local conditions under which the work is to be performed. Bidders will not be given extra payment or contract time for conditions, which could have been determined by such examination.

1.17. BIDDER QUALIFICATIONS

- A. Competency and responsibility of the Bidder, and of their proposed subcontractors, will be considered prior to award and may include:
 - 1. A detailed statement regarding the business, technical organization and plant facilities for the work that is contemplated.
 - 2. Evidence of successful experience of personnel and previously completed construction projects.
 - a. Contractor and personnel, five years or more commercial construction experience, including recent projects or similar or greater value, similarity of types of work, technical content, and complexity.
 - b. Evidence that such projects have been aggressively pursued to conclusion without delay, frivolous claims for additional costs, or work requiring abnormal or extensive corrections.
- B. The Owner may reject a bidder, if an updated financial statement prepared by a CPA not in the Contractor's payroll (bearing the CPA's live signature) shows the net worth of a Contractor to be less than 25% of the Contractor's bid including elected alternates for this work. Said statement, if required by the Owner, shall be furnished and paid for by the Bidder.
 - 1. Evidence of unpaid bills, unresolved liens, outstanding claims by the Dept. of Labor for wage, benefits or workman compensation violations or failure to provide accurate payroll information may be used to determine responsibility of Contractor prior to award.

1.18. LIST OF SUBCONTRACTORS

- A. **AT THE TIME OF BIDDING** the Contractor shall submit to the Architect/Engineer, a list of the names of the subcontractors and suppliers and other persons or organization as outlined in specification page 00300-4 subject to the approval of the Owner.
- B. After the Contractor's list of subcontractors and material suppliers has been submitted, no further changes shall be made without specific written authority and approval of the Architect/Engineer.

1.19. CONTRACT AWARD

- A. The Owner will make an award based on the selection of the lowest cost responsible bidder. After award is approved by the Board of Education, the contract timeline is as follows:
1. The Architect will fill in the Contract Form of Agreement (specification section 00301-2). The Architect will obtain the signature of the person designated by the Board of Education.
 2. The Architect will send three (3) Forms of Agreement, and the Contractor shall sign all, keep one (1) for their file, send two (2) back to Architect. This shall happen within seven (7) calendar days of the date of award.
 3. When the Contractor has signed both copies of the Form of Agreement, the project starts.
 4. The Contractor shall immediately obtain Proof of Insurance, Labor and Materials, Payment and Performance Bonds. All of the above to be completed fifteen (15) days after award.
 5. Master Cost Breakdown (CVS), thirty (30) days after award.
 6. Proposed Schedule and timeline: Contractor to present at Pre-Construction meeting, fifteen (15) days after award.
 7. Contractor to send Shop Drawings and Catalog Cuts/Samples or bring same to Pre-Construction meeting.
- B. Failure or refusal to provide the preceding Contract information in a timely manner may be cause for cancellation of the award or termination of the agreement if signed and the Owner will be entitled to compensation under the terms of the Bid Security for failure to execute contract terms in good faith.

1.20. SCHEDULING

- A. Contractors' Master Schedule
1. The Contractor shall prepare and maintain a Master Schedule, including the work of all sub contractors.
 2. Upon preparation of a detailed schedule, same shall be reviewed by the Architect and the Owner. Once accepted, it shall become the basis for determining the on time progress of the work.
 - a. Provide manpower crews, overtime double shift, and equipment as needed to maintain the schedule. The Owner will not authorize additional payment for overtime or additional manpower needed to maintain, achieve, or make up time to meet the schedule. The General Contractor shall notify the Architect and the Owner promptly of any deficiency in performance, which is unacceptably impacting the schedule or delaying progress, and provide a plan of action to regain performance to meet the schedule.

B. Schedule

1. Submittals shall be prepared immediately following award.
2. Material acquisition may begin immediately following Award.
3. Upon return of review submittals, schedule material and equipment for timely delivery.
 - a. Materials and equipment delivered on site or suitably stored with proof of insurance may be submitted for payment, subject to inspection.
 - b. The Owner requests that equipment and materials to do the work be on site or readily available for delivery prior to the start of operations.

C. Manning the work

1. Contractors shall work full crews each day once the project has been started until complete.

1.21. ALLOWANCE

A. **The General Contractor shall include in his bid an allowance of \$12,000 for additional time and material or Change Order work as directed and approved IN WRITING by the Owner and A/E. \$12,000 to be added.**

1. This is for unseen conditions when the paving conditions or base conditions are exposed.
2. Unused portion of allowance will be returned to owner at time of Final Payment request via Change Order.

B. This is not for assignment or use by the Contractor or Subcontractors for any work that either perceives as additional effort unless the Owner is in concurrence IN WRITING.

1.22. PROGRESS PAYMENTS

A. Pay Requests must be approved by the Architect / Engineer and the District Director Of Operations, Joe Adelman. Submit all Pay Requests to the Architect, five (5) business days before the end of each month. Pay Requests will be accepted once per month.

1. On cost breakdown for Pay Requests, separate the two schools in total labor, materials, and O&P. This is so costs can be allocated to the appropriate amendment.

B. Payment will be made within thirty (30) days following approval.

- C. In accordance with the terms of the Contract periodic partial progress payments may be made monthly to the Contractor for: 90% of the value of the labor, materials, and/or equipment incorporated in the construction. Payment will be for installed materials only.
- D. After Contract award and before commencement of work, the Contractor shall submit a complete master cost breakdown. Said cost breakdown shall be used by the Owner only for the purpose of checking and certifying requests for payment.
- E. Pay requests shall indicate amounts completed of all items listed from the master breakdown.
- F. Submit notarized Contractor's affidavits with each pay request showing that total owed on Contract by Owner (after subject request has been paid to Contractor) is more than the amount to become due the Contractor for material, subcontractors and labor.
 - 1. 10% of each request will be retained by Owner until work has been satisfactorily completed. After 75% of the Contract has been satisfactorily completed retainage reduction will be considered.
Write or email request for retainage reduction.
- G. All the applications for payment shall be made in two (2) copies with all copies bearing live seals and signatures, notarized and complete and accurately filled in.
 - 1. See AIA General Conditions, Paragraph 9.3.1, 9.3.2 and 9.3.3.
 - 2. Applications for payment shall be submitted to Architect/Engineer on AIA G-702A Forms.
 - 3. EACH SUCCESSIVE PAY REQUEST SHALL BE ACCOMPANIED BY PARTIAL WAIVERS OF LIEN, DOLLAR FOR DOLLAR MATCHING THE PRECEDING PAY REQUEST.
 - 4. Attach one (1) copy of Contractor's Payroll with Pay Request in accord with Dept. of Labor requirements. Include Payroll for the major Subcontractors and upon request any minor or intermittent on-site Subcontractor.

1.23. CHANGE ORDERS

- A. Changes to the scope of work may occur after Contract Award. Contractor may initiate a Change Order by send an RFI to the Architect. The Architect and Owner may initiate a Change Order by verbal or written inquiry to the Contractor.
- B. When a change to the scope must occur the following procedure shall apply:
 - 1. The Change Order may be indicated as a fixed price or time and material. In all cases a written summation of work to be done shall be submitted to the Architect or written by the Architect. In all case

the Contractor shall be provided a signed Letter to Proceed before accruing any expenses toward the Change Order.

2. The Architect will try to provide the Letter to Proceed within twenty-four (24) hours of the time of origination of the request.

C. Cost of Change Orders

1. Cost of Change Orders shall be broken down into Labor, Material and Mark-up.
2. The mark-up will include a percentage of the cost of Labor and Material and shall include everything (bonds, insurance, project management, overhead and profit, etc.). Mark-up allowed is:
 - a. Prime Contractor on own labor and materials – maximum 15%.
 - b. Subcontractor on own labor and material – maximum 15%.
 - c. Prime Contractor on labor and material of Subcontractor – maximum 7.5%.
 - d. Change Orders may be by T & M with above add-on.

1.24. FINAL PAYMENT: The final application for payment shall not be made until all work and deficiency (punch list) items have been satisfactorily completed and approved by the Architect/Engineer for documents compliance.

- A. Contractor to submit Operation Manuals and Warranty Documents to Architect, prior to Final Payment.

1.25. MATERIALS SPECIFIED AND QUALITY OF WORK

- A. Materials shall be as specified or approved equal.
 1. Due to the previously completed renovations at other District Schools Elementary Schools the products and materials used therein are the basis for the Specification Sections to follow. Substitutions may be proposed on Specification Section 00307 Products Substitutions Form.
- B. "Approved equal" and "or equal" shall mean that the Contractor shall be required to receive the Owner's approval (via the Architect) on any substitute materials seven (7) days prior to the bid due date.
- C. Requests for substitution approval shall be submitted to the Architect/Engineer seven (7) calendar days before Bid Date.
 1. Prior to considering substitutions, the Owner (via the Architect/Engineer) may require submission of samples, descriptive, technical and catalog data and lab reports of tests.
 2. Said submittals shall be presented to Architect/ Engineer.

3. Approved substitutions can then be put on Bid Form.

D. Substitute materials may be submitted after seven (7) day period indicated above by using the Product Substitution Form 00307.

1.26. TOBACCO AND ALCOHOL FOR CONSUMPTION PRODUCTS

A. Smoking, chewing, etc. of ANY tobacco or medical marijuana shall not be permitted anywhere on school property by State Statute.

B. Alcoholic beverages are not allowed on school property.

1. Working under the influence of anything containing alcohol or any prescription or non-prescription drug is not allowed on the job site.

C. Violators may be removed from the job sites subject to conditional return privileges in the future.

1.27. SEXUAL HARASSMENT POLICY

A. The Owner will not tolerate sexual harassment in any form. Sexual harassment is defined, for the purpose of this policy, as "unsolicited, deliberate or repeated sexually derogatory statements, gestures or physical contact, which cause discomfort or humiliation. Sexual harassment may involve pressure from a person of either sex against a person of the opposite sex or same sex . . ."

1. Should evidence that a Contractor, or a Contractor's employee, has harassed a student or other individuals, the harasser shall be removed from the job site.

1.28. EMPLOYEE-STUDENT RELATIONSHIPS

A. Except in an emergency situation involving safety, intermingling of the Contractors' employees and the school faculty, staff and students is be avoided. Contractor or Subcontractor personnel violating this requirement shall be removed from employment at this site. The Contractor Superintendent shall monitor this to the best of his ability. Contractor employees experiencing problems with students or faculty shall report same to their Project Superintendent, who shall promptly report the problem to an authorized representative of the Owner and the Architect/Engineer.

1. Avoid profanity and inappropriate subject matter in conversation as students and staff may be within audible range and walls or ceiling spaces may allow sound transmission.

2. Verbal or physical action interpreted as sexual in nature or as sexual harassment will be grounds for removal of the employee. Further legal action remains the option of the persons affected.

3. In all aspects of this provision, the Contractor's employees as adults

have the greater responsibility and should not respond to inappropriate student behavior.

1.29. BACKGROUND INVESTIGATION AND SEX OFFENDERS ON SCHOOL GROUNDS

- A. Illinois Criminal Background checks are applicable to this Contract. The Contractor or subcontractor shall only send construction workers to the site that have successfully passed an Illinois Criminal Background check, per 105 ILCS 5/10-21.9 and 105 ILCS 5/14-7.02
- B. The Contractor shall provide:
 - 1. Prior to start of work; maintain a list available to the Owner of all the employees who will be or are anticipated will be employed on site. This list shall be updated when new persons not originally listed will be working on site. This list shall also include names of personnel employed by subcontractors.
 - a. Contractor insures that all persons have had background check paperwork initiated and sent to: Ann Fair, Unit 5 Maintenance Office, 1999 Eagle Road, Normal, IL 61761: Tel: 309-557-4100 or Fax: 309-557-4537.
 - 2. Persons temporarily on site such as truck drivers or employees making deliveries do not need to be listed, but the Owner reserves the right to request a background check.
 - 3. Provide an affidavit to the Owner that the Contractor or his subcontractor has performed an ISP background check by name on all personnel on site.
 - 4. Copies of employee lists and affidavits shall be promptly provided to the owner upon request.
- C. The Contractor shall not knowingly employ on school grounds any person who has not signed or will not sign an authorization for a criminal background check.
- D. The Owner reserves the right to run fingerprint background checks on any or all employees on site, randomly or specifically, and the cost of this check will be borne by the Owner. Upon request, provide information, which will not be shared, as needed to complete checks. This may include SSN, home addresses, fingerprint, address, etc. and any alias or former names used.
- E. The Contractor shall assume the responsibility to notify all on site employees or potential employees of this provision, and of the consequences of this provision.

1.30. SUBSTANCE ABUSE PREVENTION ACT ON PUBLIC WORKS PROJECTS

- A. The Contractor shall comply with 820 ILCS 265/ which establishes a process for Drug Abuse on Public Projects. The Contractor shall have in place a written program that meets the requirement of this Act.

1.31. PROJECT ACCESS: The Contractor shall be aware that the Town of Normal, respectively, has authority over various approach roads for site access and the Contractor is responsible to observe load limits and arrange for any exceptions to load restrictions that may be required for this project. Arrangements for road cleanup, barricades and surface patches and repairs shall comply with city requirements.

1.32. EQUAL OPPORTUNITY EMPLOYMENT: The following clause is applicable unless this Contract is exempt under the rules and regulations of the Secretary of Labor of the State of Illinois.

- A. During the Performance of this Contract, the Contractor agrees as follows:
 - 1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin. The Contractor will take affirmative action to ensure that all applicants are considered and that employees are treated, during employment, without regard to their race, color, religion, sex, age or national origin."

1.33. SALES TAX

- A. Materials supplied to a public school district are exempt from state sales taxes.
 - 1. Sales tax exemption number for Unit District No. 5 is: E9994-9091-07.
- B. The Contractor shall determine the extent of exemption and shall comply with the regulations established by the Illinois Department of Revenue and allow for this in his proposal.

1.34. BUILDING PERMITS

- A. This project is exempt from local permit fees associated with the construction.
 - 1. This Contractor shall fully cooperate with the local authorities and shall apply for and obtain all required permits and comply with local regulations and requirements. Only the fee is exempt.
 - 2. Provide necessary permit related information to local city authorities.
 - 3. Architect will provide Drawings and Specifications to Town of Normal Building Safety Dept.
 - 4. Architect will assist Owner in obtaining a Building Permit from the

Regional Office of Education (R.O.E), DeWitt, Livingston, Logan & McLean Counties. The R.O.E. Permit is mandatory.

1.35. ILLINOIS STEEL PROCUREMENT ACT 30 ILCS 565/1

The Contractor is to be aware that a point of origin certification to show compliance with 30 ILCS 565/1 may be requested for any steel fabricated item and shall demonstrate compliance with the law.

A. Exemptions:

1. Products costing less than \$500
2. Products not produced in the United States in sufficient quantity to meet schedules
3. Products purchased or produced in the United States would increase purchase cost by more than 10%

CONTRACT CHECKLIST

1.36. Proposal:

- A. Proposal Form properly filled out and signed, (live signatures)
- B. Bid Bond/Bid Security for 5% of base bid amount (live signatures)
- C. Return of documents within ten (10) working days after bid due date

1.37. Letter of Intent:

- A. Proposal & Contract Form prepared by the Architect
- B. Labor and Material Payment Bond, two copies (15 days after Award)
- C. Performance Bond, two copies (15 days after Award)
- D. Insurance Certificates, liability and hold harmless, 2 copies (7 days after Award) *
- E. Master Cost Breakdown (7 days after Award)
- F. Bar Graph Progress Schedule, copies as required (7 days after Award)
- G. Supplier List, 2 copies (7 days after Award)
- H. Subcontractors List, 2 copies (7 days after Award)

1.38. Periodic Application for Payment:

- A. Submit per the monthly scheduling, to be determined
- B. Application and Certificate for Payment, 3 copies (AIA G702A)
- C. Contractor's Affidavit, 2 copies (AIA G706)
- D. Breakdown Estimate, 3 copies
- E. Partial Waivers of Lien, 2 copies
- F. Partial Waiver of Lien from Subcontractors/Suppliers, 2 copies
- G. Updated Progress Schedule, resubmit with each pay request
- H. Contractor's payroll information per HB 188.
- I. Insurance Certificate covering materials stored off site, 2 copies

1.39. Final Application for Payment:

- A. Letter to Architect that deficiency work is complete
- B. Final Lien Waiver from the Contractor, 2 copies
- C. Final Lien Waivers from Subcontractors/Suppliers, 2 copies
- D. Final Affidavit showing \$0.00 due to Subcontractors and \$0.00 due to Suppliers, 2 copies
- E. Final Payment Approval Letter from Bonding Co., 2 copies
- F. Final Application & Certificate for Payment, 3 copies (AIA G702A)
- G. Additional certifications as may be requested, 2 copies
- H. Operating manuals & instructions, 3 copies-indexed and bound

*THE OWNER AND THE ARCHITECT/ENGINEER MUST BE NAMED ADDED INSURED AND MUST BE SO LISTED ON THE CERTIFICATE OF INSURANCE.

END 00040

DIVISION 0 - BIDDING & CONTRACT REQUIREMENTS

Section 00045 – Prevailing Wage

1. GENERAL

- 1.1. This is a project requiring the payment of prevailing wages. Proper written notification as required under Public Act 96-0437:

This contract calls for the construction of a “public work,” within the meaning of the Illinois Prevailing Wage Act, 820ILCS 130/.01 *et seq.* (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department’s web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice of record keeping duties.

END 00045

DIVISION 00 – PROCUREMENT REQUIREMENTS
Section 00050 – General and Supplementary Conditions

1. GENERAL

1.1. GENERAL CONDITIONS

- A. The conditions outlined in this and following paragraphs are to supplement and complement the conditions found in the articles of the AIA Document A201, 2007 Edition.
 - 1. Included in these Specifications by reference is AIA Document A201 General Conditions.
- B. AIA Document A201, 2007 Edition, can be purchased directly on line from a variety of vendors including the AIA and are available in electronic format as well as printed.
 - 1. AIA A201 2007 version can be reviewed at the Architects office without charge.
- C. To page one of the AIA A201 General conditions Document:
 - 1. Project: Parking Lot & Driveway Repairs @ 2 locations
Normal Community West High School
701 N. Parkside Rd., Normal, IL 61761
Pepper Ridge Elementary School
2602 Danbury Dr., Bloomington, IL 61705
 - 2. The Owner: McLean County Unit District No. 5, 1809 Hovey Ave., Normal, IL 61761
 - 3. The Architect: Middleton Associates Incorporated, 1702 W. College Ave., Suite E, Normal, IL 61761

1.2. SIGNING OF DOCUMENTS AND INSTRUMENTS OF THE CONTRACT

- A. All documents shall be signed by persons fully and duly authorized to so sign. Any documents signed by a person other than person prescribed by the Contractor's legal organization shall enclose with his signature the evidence of "Power of Attorney."

2. SUPPLEMENTARY GENERAL CONDITIONS

2.1. SUPPLEMENTS TO AIA DOCUMENT A201 (2007 EDITION) THE GENERAL CONDITIONS OF THE CONTRACT.

- A. The following sections represent modifications or additions to the AIA A201 -2007 Document.
- B. TO ARTICLE 2/OWNER
 - 1. Add Subparagraph 2.2.2.1 Easements off site required by the
00050 - 1 General and Supplementary Conditions

Contractor to execute the work, such as space for storage, access, scaffolding, lane enclosure, etc., shall be arranged for by the Contractor and included in the contract amount.

C. TO ARTICLE 3 CONTRACTOR

1. To Subparagraph 3.3.1, delete the last two (2) sentences listed under 3.3.1 in their entirety.
2. To Subparagraph 3.3.1 insert: If the Contractor determines that such means, methods, techniques, sequences or proceedings may not be safe, or may not be appropriate to the equipment and task as becomes apparent, then said Contractor shall have included in his proposal amount allowance to complete this work per a revised plan for which he can assume responsibility and shall notify the Owner and Architect before proceeding. In no case do the Owner and Architect take responsibility for directing Contractor Operations.
3. To Subparagraph 3.12
 - a. Add 3.12.6.1 Submittals unmarked will not be reviewed at the Architect's option. Said unmarked submittals may be returned to the Contractor for re-submittal and the time loss shall not extend the time of completion of the project.
 - b. Add 3.12.6.2 Submittals reviewed by the A/E and returned or held as a record copy presume the Contractor responsibilities in paragraph 3.12.6 have been included whether noted or not.

D. TO ARTICLE 5 SUBCONTRACTORS

1. To Subparagraph 5.2
 - a. Add 5.2.5 The assignment of work or a portion of the work by the Contractor to Subcontractor(s) is the election of the Contractor and in no way changes or reduces the Contractor's obligations under the Contract to properly complete the work and/or provide clear title to the work, including the work by said Subcontractor(s).

E. TO ARTICLE 7 CHANGES IN THE WORK

1. To Subparagraph 7.1.2
 - a. Add 7.1.2.1 The Contractor and/or his Subcontractor shall not proceed with any work, directive or change for which he intends to claim extra cost without providing written notice to the Architect.
 - b. Add 7.1.2.2 The Architect and Owner shall provide response to claims for additional cost within a reasonable time period

- upon receipt of notice or quote.
 - c. Add 7.1.2.3 Work for which an agreement cannot be reached prior to implementation can proceed as time and material work with all parties to agree on what is additional work over that which should have been included to complete the work as originally intended.
 - 2. To Subparagraph 7.2.2
 - a. Add 7.2.2.1 Change Order quotes shall be based on an approved quote or estimate which shall be based on labor and material cost, actual or estimated as prior agreed upon, and:
 - b. Add 7.2.2.2 Overhead and profit may be charged proportional to this category of work on the Contractor's CSV or not to exceed the greater of:
 - 1) Fifteen percent (15%) for the Contractor's own work forces
 - 2) Seven and a half percent (7.5%) Subcontractor plus seven and a half percent (7.5%) Contractor, for fifteen percent (15%) total for work completed under a Subcontractor arrangement.
 - 3) These allowances shall include all off site and indirect costs, including insurance, project management, bonds and profit.

F. TO ARTICLE 9 PAYMENT AND COMPLETION

- 1. To Subparagraph 9.6.1
 - a. Add 9.6.1.1 Wherein the Owner is governed by a public Board, payment requests must be received by the A/E 5 days prior to the established time for entering into agenda prior to the next regular Board Meeting. Payments will be made within twenty-five (25) days following Board approval. Failure to make agenda dates will result in a minimum one (1) month delay in payment.

G. TO ARTICLE 10 PROTECTION OF PERSONS AND PROPERTY

- 1. To Subparagraph 10.2.1
 - a. Add 10.2.1.4 The Contractor shall be responsible to provide and maintain on site MSDS Sheets for all required materials to be brought on site.
 - 1) These sheets shall be readily available upon request to the owner on remodeling renovation projects which are Owner occupied.

- 2) Comply with VOC regulations.
- 3) Comply with IEPA regulations.

2. To Subparagraph 10.2.3

- a. Add 10.2.3.1 Provide for the general safety of public and Owners employees, such safety provision shall be adjusted as appropriate to the age and volume of public anticipated in the project vicinity.
- b. Add 10.2.3.1 Provide for traffic safety as appropriate to the operations; cooperate with the governing authorities on road activities, lane closures, excavations, surface cleaning etc.

H. TO ARTICLE 11 INSURANCE & BONDS

1. To Subparagraph 11.1.2

- a. Add 11.1.2.1 Minimum Limits of Liability for preceding coverage are:
 - 1) Workers Compensation - Statutory Limit
 - 2) Applicable Federal (*such as Longshoreman's*) Statutory limits.
 - 3) Liability Insurance may be written as Comprehensive General Liability policy form or Commercial General Liability policy form with the following coverages:
 - a) Bodily Injury - \$1,000,000 each occurrence, \$2,000,000 aggregate
 - b) Property Damage - \$1,000,000 each occurrence, \$5,000,000 aggregate.
 - c) Property Damage – Broad Form - \$1,000,000 each occurrence, \$2,000,000 aggregate.
 - d) Personal injury (*with employment clause deleted*) \$1,000,000 aggregate.
 - e) Products and completed operations \$1,000,000 to be maintained one year following final completion.
 - f) Business Automobile Liability, (*including owned and non-owned and hired vehicles*)
 - g) Bodily Injury and Property damage \$1,000,000 each person, \$1,000,000 each occurrence.
 - 4) Umbrella Insurance \$10,000,000 over primary insurance limits.
 - 5) \$10,000 Retention for self insured hazards each occurrence

- 6) In the event that a claim is filed or a settlement reached whether related to this project or not which compromises the aggregate limits of liability then the Owner and Architect shall be notified and arrangements shall be made to provide additional insurance as needed to keep aggregate limits in force for the remainder of the Contract.
2. To Subparagraph 11.1.4
 - a. Add 11.1.4.1 The Owner, Architect, and Consulting Engineers including their employees and representatives shall be included as Additional Insureds or Named Insureds on the insurance and shall be shown as such on the Certificate.
3. To Article 11
 - a. Add 11.1.5 Contractor's insurance shall be maintained in force through basic warranty and guarantee periods, not less than one (1) year following Final Completion.
4. To 11.3. Property Insurance
 - a. Add 11.3.1.1 The Owner's property and vandalism insurance has \$1,000 deductible. The Contractor shall insure and thus pay the costs not covered by the Owner's deductibles.
 - b. Add 11.3.1.2 The Owner's Builder's Risk will cover only normally included Owner risks, on site, Owner's interest only, excluding tools and property of the Contractor and improperly stored or unsecured materials.
5. To Paragraph 11.4.1 add the following Subparagraphs:
 - a. Add 11.4.1.1 The Contractor shall furnish Performance and Labor and Material Payment Bonds covering the faithful performance by the Contractor of the work specified in accordance with the plans and specifications and according to the time and terms and Conditions of the Contract, and also that the Contractor shall properly pay all debts incurred in the prosecution of the work, including those for labor and materials furnished and including labor obligations as interpreted by the Illinois Department of Labor and/or the courts.
 - b. Add 11.4.1.2 The cost of each bond shall be included in the Contract Sum plus any changes to the Contract Sum. The Contractor shall include in all bonds provisions as will guarantee faithful performance of the prevailing wage

- provisions of the Contract if applicable.
- c. Add 11.4.1.3 Bonds shall be written by surety, approved by Owner, with a minimum rating of B or better, Financial Class V, or higher, in A.M. Best's Insurance Guide, current edition. The company must also be licensed in the State of Illinois.
- d. Add 11.4.1.4 The Contractor shall require the attorney-in-fact who executes the bonds on behalf of the surety to affix thereto a certified and current copy of power-of-attorney.
- e. Add 11.4.1.5 The Contractor shall deliver the required bonds to the Owner not later than fifteen (15) days following the date the agreement is executed.

I. TO ARTICLE 12 UNCOVERING AND CORRECTION OF WORK

1. To Subparagraph 12.2.2.1 After Substantial Completion:

- a. Add 12.2.2.1.1 Latent Defects, for a period of 10 years after Substantial Completion, upon demand by the Owner, the Contractor shall promptly repair or replace, including associated work repairs and cleanup necessary, defective or non-conforming work resulting from or constituting latent defects, fraud, fraudulent concealment or gross negligence.
- b. Add 12.2.2.1.2 Seasonal equipment such as temperature controls and building systems subject to seasonal loads such as heating equipment and air conditioning, shall be warranted to perform as intended for two years. Exception would be equipment damaged by incorrect operation or maintenance procedures, specifically covered in training, but improperly implemented by the Owner.
- c. Add 12.2.2.1.3 Prompt Repair. Upon notice from the Owner or Architect of defects or nonconforming work, the Contractor shall promptly visit the site in the company of the Owner's representative to determine the extent of all defects or nonconforming work. The Contractor shall provide all labor, material and equipment to promptly repair or replace the defective or nonconforming work. The repair shall include all adjacent work not necessarily provided by the Contractor, but damaged as a result of correcting or remedying such defects or non-conforming work. If the Contractor does not promptly pursue correction, the Owner may repair or replace such work and charge the cost to the Contractor. Work which is repaired or replaced by the Contractor shall be inspected and shall be warranted by the Contractor in accordance with this Article.
- d. Add 12.2.2.1.4 The warranties set forth herein are in addition to all warranties or guarantees expressed or implied by operation of law, statute or ordinance.

2. To Subparagraph 12.2.2.3, Delete the word 'not'. Clarification; all materials and equipment are expected to perform satisfactorily for

one year, items or equipment needing periodic attention during the first year of use, shall continue to be serviced by the Contractor until such time that the material, item or equipment is deemed to be doing its intended purpose without repeated service.

3. To Subparagraph 12.2.5

- a. Add 12.2.5.1 Extended Warranties and Commercial Warranties. The Contractor shall deliver all commercial and extended warranties received from manufacturers to the A/E prior to Final Payment. Extended warranties and guarantees will be as described under the various trade work sections of these documents, and may be the responsibility of third parties to the contract such as dealers or manufacturer's from whom such extended coverage is specified or as advertised such as a commercial limited warranty of performance or service. Such extended warranties may or may not include labor unless specified, or in the case of commercially advertised warranties as offered by the party selling the product or equipment.
- b. 12.2.5.2 Prompt Repair. Upon notice from the Owner or Architect of such defects or nonconforming work, the Contractor shall promptly visit the site in the company of the Owner's representative to determine the extent of all defects or nonconforming work. The Contractor shall provide all labor, material and equipment to promptly repair or replace the defective or nonconforming work. The repair shall include all adjacent work not necessarily provided by the Contractor, but damaged as a result of such defects or nonconforming work or as a result of remedying them. If the Contractor does not promptly repair or replace defective or non-conforming work, the Owner may repair or replace such work and charge the cost thereof to the Contractor. Work which is repaired or replaced by the Contractor shall be inspected and shall be warranted by the Contractor in accordance with this Article. The warranties set forth herein are in addition to all warranties or guarantees expressed or implied by operation of law, statute or ordinance.

J. TO ARTICLE 13 MISCELLANEOUS PROVISIONS

1. To Subparagraph 13.1

- a. Add 13.1.1 Location of the project is Illinois.
- b. Add 13.1.2 The Contractor shall, to the best of his knowledge and capability, perform all work encompassed by the documents, in compliance with the Environmental Barriers Act (Ill. Rev. Stat. 1985, ch. 111-1/2, pars. 3711 et seq. as amended), the Illinois Accessibility Code, 71 Illinois Administrative Code 400; The Uniform Federal

Accessibilities Standards (UFAS); Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990 (effective January 26, 1992) known as ADA requirements. This obligation shall apply to the contractual work described as the project and the conduct of work processes initiated to accomplish the work.

- c. Add 13.1.3 All parties to this Contract are subject to the rules and regulations of the Illinois Department of Human Rights and the statutory requirements thereof, including the requirement that every party to a public contract shall have adopted written sexual harassment policies (PA 87-1257).
- d. Add 13.1.4 It shall be mandatory that the Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry, age, marital status, physical or mental disabilities.
- e. Add 13.1.5 Illinois Department of Labor requirements. It shall be mandatory upon the Contractor to whom the Contract is awarded and upon any Subcontractors thereof to be in compliance with applicable wage and reporting regulations. This project is a Prevailing Wage Public Works contract.

2. To Subparagraph 13.3.

- a. Add 13.3.1 Notice served by facsimile (fax) to facsimile number used during bidding and construction shall be official written notice.
- b. Add 13.3.2 Notice served by electronic means (email) to the electronic address used during bidding and construction shall be official written notice.
- c. Add 13.3.3 The Bidder shall notify the Architect and/or the Owner at any time of changes in the facsimile or electronic contact addresses that will reach the contractor. Failure to so notify is the Contractors responsibility.

K. TO ARTICLE 15 CLAIMS AND DISPUTES

- 1. To Subparagraph 15.3.1 Delete the word 'SHALL' and Insert the word 'MAY'.
 - a. Add 15.3.1.1 Mediation may be employed to resolve disputes if agreed to by both parties to the Contract.
- 2. To Subparagraph 15.4.1 Delete the word Shall and insert the word 'MAY'.
 - a. Add 15.4.1.1 Arbitration may be employed to resolve disputes if agreed to by both parties to the Contract.

End 00050

DIVISION 0 – BIDDING & CONTRACT REQUIREMENTS
Section 00300 – Proposal Form

1.1. WORK INCLUDES

- A. All work included on the Drawings and Specifications for Project No. 24732319 & Project No. 24902319 – Parking Lot & Driveway Repairs @ 2 Locations: Normal Community West High School & Pepper Ridge Elementary School.
- B. Contractor submit bid on the following pages: 00300-2, 00300-3 and 00300-4.

1.2. **Add \$12,000.00 to Base Bid of the Parking Lot & Driveway Repairs @ 2 Locations as an allowance for unforeseen conditions.**

- A. **Unused portion of allowance will be returned to Owner at the conclusion of the work via a Change Order or as a deduction in the final Pay Application.**

PROPOSAL FORM, SUBMIT WITH LIVE SIGNATURES

BID DUE DATE: Thursday, April 2, 2020

TIME: 10:00 a.m. (prevailing time)

PROPOSAL TO: Joe Adelman, Executive Director of Operations
McLean County Unit District No. 5 Warehouse
1999 Eagle Rd.
Normal, IL 61761

BID FOR: **Project No. 24732319 & 24902319**
Specifications & Drawings Titled:
Parking Lot & Driveway Repairs @ 2 locations
701 N. Parkside Rd., Normal, IL 61761
2602 Danbury Dr., Bloomington, IL 61705

SUBMITTED BY: _____

This proposal is in compliance with the documents for the: Parking Lot & Driveway Repairs @ 2 Locations, Middleton Associates Incorporated Project Number 24732319 & Project Number 24902319. This proposal is made without exception to any requirements as set forth or reasonably inferred in the documents and in making this proposal, I/we agree that we are familiar with on site existing conditions, the work required, the Specifications, inclusive of DIVISION 0, 1, 7, 11 & 32, the Drawings, and all Addenda received and the extent of labor and materials necessary to fully complete the work within the time slot allowed between on site start-up and on site substantial completion. This proposal is made by the Contractor and the Contractor's signature thereto demonstrates his concurrence with the Owner's rights as advertised and restated herein as follows:

It is the intention of the Owner to accept the lowest bid received in accordance with the documents. The Owner, however, reserves the right to reject any or all bids, waive formalities and informalities as may be applicable to the bidding, and accept a bid, as deemed, by the Owner to be most advantageous to the Owner's interest.

ADDENDA: Addenda received and included (please check) #1___ #2___ #3___ #4___

BASE BID (include allowance): _____ \$ _____

ALTERNATE BID NO. 1* _____ \$ _____

ALTERNATE BID NO. 2* _____ \$ _____

ALTERNATE BID NO. 3* _____ \$ _____

5% BID SECURITY ENCLOSED

- BID BOND
- CASHIER'S CHECK

***Fill in if applicable: See Section 01030 and Addenda**

START/COMPLETION: I/We agree to provide all the labor and material in a timely sequence to allow for construction commencement at the earliest possible date after June 1, 2019 (see Section 00040) and to allow for Substantial Completion of all work on or prior to: **August 10, 2020.**

CERTIFICATIONS:

I CERTIFY THAT: All labor and wage compensation required in the execution of this contract and provided by this contractor or his subcontractors will comply with the Illinois Prevailing Wage (820 ILCS 130/3 et. seq.)

I CERTIFY THAT: This proposal is made without any connection with any person making another bid for the same contract, that the bid is in all respects fair and without collusion or fraud, that no member of the Board of Education, officer thereof, or any person in the employment of designated school district is directly or indirectly interested in the bid or any portion of the profit therefrom, except as allowed by the Illinois School Code.

I CERTIFY THAT: I have not been barred from bidding on a contract involving public funds as a result of a conviction for either bid rigging or bid rotating or other violation under Article 33E Criminal Code of the Illinois Revised Statutes, or convicted of a felony pursuant to the Illinois Procurement Code, Section 50-10.

I AGREE to provide a drug-free workplace as required by the Illinois Drug-free Workplace Act. I, the undersigned, do hereby certify that I am either the bidder or duly authorized agent of the referenced bidder, and I am authorized to execute the certifications hereon.

I AGREE to comply with applicable provisions of the Illinois Human Rights Act (775 Illinois Compiled Statutes 5), the U.S. Civil Rights Act, the Americans with Disabilities Act, Section 504 of the U.S. Rehabilitation Act and the rules applicable to each. The equal opportunity clause of Section 750.10 of the Illinois Department of Human Rights Rules is incorporated herein. Contractor/vendor shall comply with Executive Order 11246, entitled "Equal Employment Opportunity", as amended by Executive Order 11375, and as supplemented by U.S. Department of Labor regulations (41 C.F.R. Chapter 60). Contractor/vendor agrees to incorporate this clause into all Subcontracts under this Contract.

I CERTIFY THAT: By submission of this proposal the bidder confirms that he is familiar with the site, existing conditions, the Bid Documents and the project schedule. **Project Substantial Completion by August 10, 2020. Project final acceptance by August 17, 2020.**

EXPIRATION OF PROPOSAL - I/We agree that this proposal shall be binding for a period of thirty (30) days following the bid due date set forth in the advertisement for bids.

SUBMITTED BY: _____

SIGNED BY: _____

CORPORATE SEAL
(for corporations only)

END 00300

DIVISION 0 - BIDDING & CONTRACT REQUIREMENTS
Section 00301 – Form of Agreement

1 GENERAL

- 1.1. The following Agreement (00301-2) will be filled out by the Architect after the bidding process and sent to the Owner and Contractor for signature.

OWNER-CONTRACTOR FORM OF AGREEMENT

Between:

The Owner: McLean County Unit District No. 5
1999 Eagle Rd.
Normal, IL 61761

And the Contractor: _____

For the Project:

**PARKING LOT & DRIVEWAY REPAIRS @ 2 LOCATIONS
NORMAL COMMUNITY WEST HIGH SCHOOL & PEPPER RIDGE ELEMENTARY SCHOOL
MCLEAN COUNTY UNIT DISTRICT NO. 5**

The Owner and Contractor agree to enter into a contract in accordance with the terms and conditions of the Documents (Plans & Specifications), A/E Project Number 24732319 & A/E Project Number 24902319 and the Contractor's Proposal dated _____, which become the Contract for completion of the project as follows:

Base Bid Substantial Completion Date: August 10, 2020; Final Acceptance – August 17, 2020

Additional Terms & Conditions: None (or as applicable)

Addenda: #1 _____ #2 _____ #3 _____ #4 _____ (list as applicable)

Contract Amount: (to be listed as appropriate)

Base Bid Proposal (Including allowance of \$10,000) \$ _____
Total Contract Amount \$ _____

(Written) _____ **dollars**

Date of Agreement: _____

Signatures:

Owner:
McLean County Unit District No. 5

Contractor:

Contractor's Seal
(Corporation Only)

END 00301

DIVISION 0 - BIDDING & CONTRACT REQUIREMENTS
Document 00307 - Product Substitution Form
Voluntary Alternate Form

The Bidder should include this form with the Bid Forms if a material substitution is offered at that time.

The Base Bid and Alternate Bids include only those products specified in the bidding documents. Following is a list of substitute products which bidder proposes to furnish on this project, with the difference in price being added to or deducted from the Base Bid or Alternate Bids.

Bidder understands that acceptance of any proposed substitution is at Owner's option. Approval or rejection of any substitutions listed below will be indicated prior to executing the Contract.

<u>MANUFACTURER'S NAME AND PRODUCT</u>	<u>ADD OR (DEDUCT)</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

VOLUNTARY ALTERNATE DESCRIPTION	DEDUCT
_____	_____
_____	_____
_____	_____

EVALUATION Contract award will be made in accord with Instructions To Bidders. Only the lowest responsible bidder's Proposed Product Substitution Form will be evaluated.

BIDDER'S NAME: _____

TRADE: _____

END 00307

DIVISION 1 – GENERAL REQUIREMENTS
Section 01010 – Project Summary

1. GENERAL

1.1. REQUIREMENTS INCLUDE: Parking Lot & Driveway Repairs @ 2 Locations

A. Base Bid: NORMAL COMMUNITY WEST HIGH SCHOOL

1. Mill Existing various areas on West parking lot, West loop drive, South loop drive, and South parking lot.
2. Install new N30 primer and new asphalt in areas milled or otherwise noted.
3. Repair Southeast surface drain from loop drive to detention basin.

B. Base Bid: PEPPER RIDGE ELEMENTARY

1. Mill existing various areas on North parking lot, North and West (front) loop drive, and parking lot and loop drive to the South.
2. Install new N30 primer and finish asphalt in areas milled or otherwise noted.
3. Install rip-rap stone in eroded area of North and South parking lot.
4. Remove three (3) existing concrete aprons. Grade the base to allow for 8" concrete aprons. Compact base and pour new 8" thick aprons.

C. Re-stripe areas at both sites where new asphalt has been placed.

D. By submitting a proposal pursuant to these Specifications and the Drawings, the Contractor shall have confirmed over his signature that he has verified all pertinent dimensions set forth on the Drawings and that his bid confirms that verification.

1.2. PRODUCTS FURNISHED BY OTHERS: All products, components, spaces, and equipment furnished by the Owner are currently in place.

A. All products furnished and installed under the contract shall be new, furnished and installed by the Contractor.

1.3. WORK SEQUENCE

A. McLean County Unit District No. 5 will occupy the facilities through **June 1, 2020**. (This date may be earlier depending on snow days). The Owner will occupy the facility after **August 15, 2020**.

1. The Contractor may start work as early as **June 2, 2020** with proper safeguards to protect building occupants both inside and outside the building and with safeguards in place to control noise and dust.

- B. Coordinate with the school building administrator and with the Executive Director of Operations, Joe Adelman, 309/557-4101.

1.4. CONTRACTOR USE OF PREMISES

- A. Confine operations at site to areas permitted by:
 - 1. Law
 - 2. Contract
 - 3. Coordinate activities at the project with the Owner's Representative (chief administrator at each building).
- B. Do not unreasonably encumber site with materials or equipment. Do not block the Owner's pedestrian traffic patterns except as prior arranged with the Owner's approval.
- C. Do not load structure with weight that will endanger structure
- D. Assume full responsibility for protection and safekeeping of products stored on premises.
- E. Move all stored products or equipment which interfere with operations of the Owner or other contractors.
- F. Obtain and pay for use of additional off site storage or work areas needed for operations.
- G. Limited use of site for work and storage:
 - 1. Use public access ONLY, now in service. Parking ONLY as prearranged with the Owner.
 - 2. All vehicular on site activity shall have been prearranged and approved by the Owner.

1.5. CONTINUOUS OCCUPANCY BY OWNER

- A. Owner will occupy areas for purposes of public education and general maintenance during construction.
- B. Contractors shall provide:
 - 1. Access for Owner's personnel and attending pupils when applicable.
 - 2. Operation of electrical and ventilation systems with a minimum of down time.
 - 3. Operation of exhaust systems with a minimum of down time. Wherein ventilation systems require down time, the same shall be arranged and scheduled with school personnel.

C. After the work is accepted by the Owner, the Owner will provide:

1. Custodial services
2. Security
3. General custodial maintenance

END 01010

DIVISION 1 – GENERAL REQUIREMENTS

Section 01030 - Alternates

1. GENERAL

1.1. DESCRIPTION

- A. Work included in alternates shall be commensurate with and in compliance with all the applicable project specifications and conditions and shall include all necessary related project adjustments and additional labor and/or material as may become apparent to complete the alternative work. No additional charge will be considered after bidding for the purposes of making additional construction or adjustments in order to accomplish alternative work that has been included in the Contract.
- B. All Base Bid requirements and material specifications and workmanship not specifically mentioned in the alternate shall apply to the alternates as is set forth therein.
- C. Incidental Work: All necessary adjustment in the work shall be made to accommodate accepted alternates.

1.2. ALTERNATE BIDS

- 1. There are no Alternates unless established in Addendum.

END 01030

DIVISION 1 - GENERAL REQUIREMENTS
Section 01040 - Field Engineering

1. GENERAL

1.1. SUPERINTENDENT OF THE PROJECT WORK

- A. The Contract shall designate a person who shall be the General Superintendent of on site construction work encompassed by the Contract Documents.
 - 1. Said designated superintendent shall have prior served as project superintendent of construction of similar nature and size. Qualifications shall be subject to the Owner's and Architect's review.
 - 2. Superintendent shall remain superintendent for the duration of the project unless said persons shall become disabled, no longer employed and/or the Contractor provides notice to the Architect and the Architect approves the change.
 - 3. Owner can request superintendent replacement for cause at any time

1.2. DESCRIPTION OF DRAWINGS AND LAYOUT

- A. Drawing data is intended to be reasonably accurate, however, strict accuracy in detail is not guaranteed. See Section 00040-2/1.4 A & B. The Contractor must verify all of the conditions, measurements, dimensions, rough-in requirements, piping, conduit, wiring, duct work requirements and coordination necessary for each item or piece of equipment in the Contract Documents. Verification is the Contractor's responsibility and shall be completed prior to the fabrication or installation processes. All corrections necessary to provide properly installed, finished and operable system, in accordance with the intent of the Documents, shall be made at no cost beyond the contract agreement.
- B. All measurements and conditions must be verified by actual observation at the building and the Contractor shall be responsible for all of his work fitting into place in a satisfactory and workmanlike manner in every aspect and detail subject to the approval of the Architect. The Contractor shall provide layout work and verification measurement at his own cost.
- C. Before starting his work, the Contractor shall examine all Contract Area Drawings and Specifications and if any discrepancies occur, he shall report same to the Architect IN WRITING and obtain WRITTEN INSTRUCTIONS for interpretation of the work. The Contractor shall perform all layout work pursuant to site, building, grades and levels, and furnish such engineering services as he may require to execute the intent of the work included.
- D. The Drawings are instructive and diagrammatic and shall be followed as closely as actual construction will permit. All changes from Drawings necessary to make the work of the Contractor conform to the documents shall be done at no added cost charge to the Owner above the amount shown on the Owner/Contractor Agreement.

- 1.1. PROJECT ACCESS: The Contractor shall be aware that the Town/City, Township, County or State has authority over various approach roads for site access and the Contractor is responsible to:
- A. Observe load limits and arrange for any exceptions to load restrictions that may be required for this project.
 - B. Make arrangements for road cleanup, barricades and surface patches and repairs shall comply with applicable regulations and be subject to the governing authority approval.
- 1.3. OVERLOADING OF BUILDING
- A. Care shall be taken that completed structures are not overloaded during Contractor operations and the Contractor shall promptly remove all materials, which, in his opinion, may overload any part of the work. It shall not be the Owner's, or Architect/Engineer's responsibility to observe and check construction processes and temporary loading conditions that this Contractor may implement as director of his operations.
 - B. Structural design, unless noted otherwise, is designed to accommodate design loads, per code, after all bracing and construction is in place.
 - 1. Temporary bracing and shoring for erection loads is the responsibility of the Contractor.
 - 2. Bracing and shoring for loading prior to the installation of lateral support and diaphragm assemblies is the responsibility of the Contractor.
 - C. All structural damage done by overloading the system shall be repaired by the Contractor overloading the system.
 - D. The Architect/Engineer shall have no authority over the means, methods and procedures of the work and shall make no determination pursuant thereto nor render opinions concerning same.
 - 1. The Architect's Field Representative does not have authority to render opinions on structural questions.
 - E. The Architect/Engineer and members of his staff shall have no authority over safety conditions related to erection loads and as they relate to the Contractor's interest, shall provide no observation of same, and make no comment regarding same.
 - 1. The contractor shall designate an employee of the contractor as the person in charge of and responsible for safety procedures on site.

1.4. PROTECTION OF WORK AND BUILDING

- A. The Contractor shall protect all work and stored materials from injury caused by or resulting from operations under this Contract, including physical damage or weather-caused damage through the opened up areas.

1.5. MOVING OF MATERIAL

- A. Contractor materials that are temporarily located or stored shall be relocated as needed to allow access by the Contractor, other Contractors and the Owner's personnel in and around the construction area. Such moving of any material shall be at no additional cost to the Owner.
- B. At no time shall tools, materials or workmen be allowed to block an exit.

1.6. SHORING, BRACING, AND BARRICADES

- A. The Contractor shall provide, construct and finally remove all temporary shoring, bracing, underpinning, scaffolding, needling, barricades, etc. as required by local restrictions and as necessary for general safety to protect all property and persons from damage or injury. The Contractor shall determine the need for these items and shall be fully responsible for the performance or failure of them and shall make good damages caused by failure or absence of same.
- B. Specific temporary shoring, supports, etc., called for elsewhere in the Documents shall be considered a minimum but shall not override Contractor's responsibility to provide adequate shoring, if actual construction conditions and processes so dictate.

1.7. MATERIALS, WORKMANSHIP, AND LABOR

- A. All installed materials and equipment shall be new and shall be installed and completed in a first class, workmanlike manner.
- B. The Architect reserves the right to direct the removal and the replacement of any item which, in his opinion, does not present a proper, orderly or reasonably neat installation. Such removal and replacement shall be done promptly when directed by the Architect or the Owner. All installations will be subject to the Architect and Owner's inspections, tests, and approval at all times from commencement of the work to Final Acceptance of the completed Contract.
- C. Work needing correction or replacement that is not corrected with reasonable promptness shall be subject to written notice thereof by the Architect. The Contractor by virtue of having tendered his bid for the work, agrees that progress payments by the Owner may be held (no payment made) until said faults have been corrected.

1.8. CLEANING UP

- A. All surfaces shall be cleaned of any paint, plaster, mortar, gook and other stains. Care shall be taken that no surface is scratched, marred or damaged in cleaning.
- B. Damaged, marred or scratched surfaces of any type shall be made right, sanded smooth (to bright metal for metal surfaces) and primed and painted as directed or replaced if necessary to provide a final installation acceptable to the Architect.

1.9. OPENINGS IN CONSTRUCTION

- A. Openings required for construction work shall be provided by the Rehab Contractor, complete with all necessary reinforcing, lintels, trim, finishing, etc. as shall become applicable including openings required for electrical and mechanical work.
- B. Concrete slabs, joists, concrete floors, finished floors, walls and structural elements, and other structural items shall not be cut or disturbed, except as approved by the Architect IN WRITING. The Contractor shall be held responsible for and correct any such damage that he may cause.
- C. Pipes passing through floors or partitions shall have sufficient clearance around pipes to prevent damage to the adjacent finish from expansion and contraction. All sleeves, flanges and forms, etc., shall be furnished by the Contractor requiring the opening.
 - 1. A Contractor or Subcontractor penetrating a wall, floor or ceiling surface shall provide sleeves, flanges and trim to provide a finished installation.

1.10. SUPPORTS

- A. The Contractor shall provide all concrete, steel bases and anchorage except as herein specified otherwise: vibration-absorbing foundation bases, hangers, platforms, anchor bolts, etc. for all equipment which he furnishes. These foundations shall be as specified under their respective headings or shown on the drawings and/or as recommended by Equipment Manufacturer.
 - 1. All such supports which penetrate the roof shall be flashed in to meet roof material warranty requirements.
- B. Materials and installation requirements for curbs and pads shall be commensurate with the need. Concrete shall be 4,000 PSI minimum strength, installed at a slump not exceeding six inches (6"). Concrete shall not be retempered sixty (60) minutes after that time at which water was first added to the mix. Air entrainment additives shall be employed to provide a seven percent (7%) by volume air content at time of placement.

1.11. PROTECTION OF WORK

- A. The Contractor shall protect his work and adjacent existing work from injury by keeping all piping, ductwork, etc. capped, plugged, drained, or otherwise protected from injury including damage done by freezing and damage from building materials, cement and/or dirt and concrete.

1.12. MOVING OF MATERIALS

- A. Moving of in-place materials that are located or stored in the path of construction shall be relocated as needed to allow construction and construction access in and around the construction area. Relocation of said materials shall be subject to Owner approval and whereby relocation is Owner designated as temporary, a post construction final location shall be determined by the Owner. Such moving of material shall be at no additional cost to the Owner.

1.13. ELECTRICAL SERVICES TO EQUIPMENT

- A. Unless otherwise specified (see 01010 Summary of Work) the Contractor shall furnish and install electrical feeders of proper size, and furnish, install and complete all power wiring and the control wiring for each motor, electrified signage and/or piece of equipment affected by the Contract.
- B. All such electrical procedures (temporary and permanent) shall comply with the National Electric Code, whether temporary or permanent.
- C. The Contractor shall extend or install temporary electrical service for his use during construction or he shall provide his own portable generator at his own expense. Wherein the Owner's electrical services are used, extended or tapped, the current consumed shall be at the Owner's expense provided same is metered through the Owner's meter.

1.14. SEALANTS

- A. Provide sealants in all locations where shown on the Drawings or called for in the Specifications and as necessary for infiltration-tight/weathertight building envelope and good visual appearance.
- B. Sealants shall be provided in locations as directed by the Architect, where equipment components or fixtures fit to surrounds, and when cracks between equipment and surrounds are undesirable or excessive. Provide sealants in all interior locations, as necessary to properly trim out.
- C. Sealants shall be installed and tooled in strict accordance with the Sealant Manufacturer's recommendations for joint preparation, using foam rope backer bars, etc. Sealant shall be installed by the respective Contractor providing the item requiring sealant installation.
- D. See the Sealant Specification Section 07900 or consult the Architect for the type of sealant materials to be employed.

1.15. PAINTING

- A. Field paint surfaces for protection and visual appearance, except where clearly stated to the contrary on the Drawings.

1.16. ALIGNMENT

- A. The Contractor shall be responsible for supervision of the reinstallation of equipment, as applicable to these Documents.

END 01040

DIVISION 1 - GENERAL REQUIREMENTS

Section 01091 - Definitions

1. GENERAL

1.1. GENERAL TERMS USED IN THE CONTRACT

- A. OWNER: McLean County Unit District No. 5
1809 W. Hovey Ave.
Normal, IL 61761
Telephone: 309/557-4000 FAX 309/557-4501
Owner Representative: Joe Adelman, Tel.: 309/557-4101
- B. CONTRACTOR: A person, firm or corporation with whom a Contract or Agreement is made by the Owner.
- C. GENERAL CONTRACTOR: The General Contractor furnishes all of the work in the documents. Pursuant to these Documents the Designating Contractor, General Contractor and Prime Contractor shall be one and the same.
- D. ARCHITECT OR A/E: Middleton Associates, Incorporated, 1702 W. College Ave., Suite E, Normal, IL 61761 - Telephone 309/452-1271, Fax 309/454-8049
- E. DOCUMENTS: The Drawings, Specifications and signed Contract exclusively comprise the Contract Documents. The Shop Drawings are not part of the Contract Documents.
- F. TIME: All times indicated in these Specifications are PREVAILING TIMES. Prevailing Time is either Central Standard Time or Central Daylight Time, whichever is appropriate.
- G. WORK: All obligations undertaken by the Contractor, pursuant to the Contract Documents.
1. Work includes, but is not limited to, the furnishing of all of the materials, labor, equipment, supplies, plant, tools, scaffolding, transportation, unloading, superintendence, insurance, bonds, taxes and all other services, facilities, required demolition (major and minor as applicable) and expenses necessary for the full performance and completion of requirements of the Contract Documents.
 2. Work also means that which is produced, built, or constructed, pursuant to the Contract Documents.
 3. Work includes all labor and materials to properly install and make functional.
- H. PROVIDE: Furnish and install (including materials, accessories and labor) ready for the Owner's use. Comply with manufacturer's installation requirements as minimum standard, Drawings and Specifications where installation requirements exceed manufacturer's recommendations.

- I. EQUAL, APPROVED EQUAL: Alternative products meeting or exceeding the base specification product or process and approved by the Architect/Engineer IN WRITING as suitable for this application. If not accepted prior to bidding, acceptance is discretionary.
 - J. SUBSTANTIALLY COMPLETE: When work progress has arrived at the point where the Owner may have full use of the installation for the purpose for which the same was installed, all components installed, equipment operating under control and minimum code compliance achieved, then, the work may be declared substantially complete if so requested by the Contractor and specifically approved by the Owner.
 - K. PUNCH LIST: Those items, components, installation inclusive of labor and materials (in place) which, in the opinion of the Architect/Engineer or the Owner do not conform to the intent of the Contract Documents and/or adequately satisfy the purpose and intent of the Owner.
 - L. DESIGNATED WORK: Wherein the documents designate that one contractor shall provide specified material and labor for another trade area contractor, the cost of the work and material shall be included in the bid of the contractor that is designated to provide the material and labor.
 - M. AND/OR: Wherein employed in the documents shall be either and both, singularly and together, as applicable to the intent of the Project Documents.
 - N. CONCEALED: Concealed building components, services, and obstacles subject to Change Orders, shall be limited to those components, services, obstacles, etc., not designated or known to exist, not typical to the type of construction observed and not available for inspection without destructive action. Opening of access panels, looking above accessible ceiling systems or inside chase walls is not considered concealed items.
- 1.2. In general, definitions of words employed in the Contract Documents shall be as defined in "Webster's New World Dictionary" the latest edition. The Architect shall be the interpreter in the case of multiple meanings. Exceptions to this shall include longstanding meanings in the construction industry but have not been so defined in Webster's Dictionary. Determination shall be in accordance with these Specifications.

END 01091

DIVISION 1 – GENERAL REQUIREMENTS
Section 01200 – Project Meetings

1. GENERAL

1.1. REQUIREMENTS INCLUDE

- A. Weekly project meetings will be set up at the Pre-Construction Meeting and may be called at any time during project construction by the Owner, the Architect/Engineer and may be called by the Contractor with approval of the Owner or Architect/Engineer.
- 1. The purpose of the weekly project meeting will be to establish scheduling, coordination, to inform the Owner of general progress toward completion, and to clarify the contract requirements. Project meetings shall be attended by the project superintendent for the Contractor and by a representative of each major subcontractor and supplier employed on the project.

END 01200

DIVISION 1 - GENERAL REQUIREMENTS
Section 01310 - Construction Schedules

1. GENERAL

1.1. DESCRIPTION

A. Work Includes:

1. Submittals of project construction schedules for work within seven (7) business days after Notice of Award.
2. Revision of schedules monthly. Each Contractor shall submit schedule of operations for the Contract to the General Contractor who shall prepare a master schedule and submit to the Architect/Engineer. Said submittals shall accompany each pay request.

B. Content of Schedules:

1. Indicate complete sequence of construction by activity.
 - a. Product procurement date, fabrication of each element of the construction work.
 - b. Dates for beginning and completion of each element of the construction work.
2. Indicate cumulative percentage of work completed as of the day of Contractor's submittal of monthly pay request.
3. Furnish separate schedule, showing submittals, review items, procurement schedules and delivery dates, as required.
4. Define critical portions of entire schedule.

C. Updating monthly by indicating:

1. Progress of each activity since previous submission.
2. Projected completion dates for all activities.
3. Activities modified since previous submission.

D. Submit initial schedules within seven (7) business days after date of Notice of Award.

1. Submit number of copies required by Contractor, plus two (2) copies to be retained by Architect/Engineer. If additional copies are required, furnish same at no additional cost.

2. PRODUCTS (N/A)

3. EXECUTION (N/A)

END 01310

1. GENERAL

1.1. DESCRIPTION

A. Related work specified elsewhere

1. All work provided under the Contract Documents shall be inspected by the Contractor for conformance with the documents prior to the Architect's inspection.
2. All in place work shall be subject to inspection by the Architect/Engineer and the Owner for conformance with the requirements and standards set forth in the Contract Documents and first quality general construction standards.

1.2. WORK BY THE CONTRACTOR INCLUDES

A. The Contractor's superintendent of the project shall inspect all work performed by the Contractor, his employees, Subcontractors and the Installing Suppliers before same is submitted to the Architect/Engineer as work performed.

1. Inspect for proper installation.
2. Inspect for proper materials.
3. Inspect for workmanship.

1.3. WORK BY THE ARCHITECT/ENGINEER INCLUDES

A. The Architect/Engineer shall have access to the work at all times and shall make inspection of work in place, construction components and allow or disallow in accordance with these Specifications and the accompanying Drawings.

1.4. PROCEDURES AND REPORTS

A. The Architect/Engineer, after making inspections, may report same to Contractor separately or jointly, verbally or in writing, as related to the Contract Documents in general and related to certain requirements specifically.

B. Notice shall be given the Contractor of unsatisfactory materials, handling, and storing of project materials, in place installation, workmanship, and documents compliance conduct on the job site property.

C. The Contractor shall correct or replace same as applicable to the inspection report.

1.5. QUALITY ASSURANCE

A. The Architect/Engineer or appointed special inspector for certain processes:

1. Will make intermittent inspections at the job site and notify the Contractor of deficiencies as and when observed.
 - a. Notifications to the Contractor will be written (if not agreed upon and/or promptly corrected following verbal notification) wherein the deficiency shall or may become covered up by continuation of progress, wherein the deficiency does not comply with the required procedures.
2. Will be available to the Contractor upon call for inspections which may come to the attention of the Contractor at times not corresponding with intermittent inspections by the Architect/Engineer.
 - a. The Architect/Engineer will endeavor to respond to the Contractor's call with due promptness and no later than twenty-four (24) hours.
3. Will be at the job site during the following operations:
 - a. 01400 - Quality Control: testing, if applicable.
4. Will disallow payment for uncorrected work on the upcoming submittal by the Contractor for periodic progress payment.

B. The Contractor

1. Shall correct all work associated with the inspections made by the Architect/Engineer promptly or present an approved schedule for same.
2. Shall, wherein redeliveries of materials and components are involved:
 - a. Promptly respond IN WRITING to the deficiency notice.
 - b. Issue a schedule of correction, if applicable.
 - c. Make right damages affected to work of other contractors involved, as applicable.
3. Shall notify the Architect/Engineer of the schedule for the following day by day operations at the job site:
4. Contractor shall notify Architect/Engineer twenty-four (24) hours in advance of commencement of operations.

1.6. OWNER

- A. Owner inspections will be made by the Unit 5 Executive Director of Operations, Joe Adelman, phone 309/557-4101.

END 01420

DIVISION 1 – GENERAL REQUIREMENTS
Section 01510 – Temporary Utilities

1. GENERAL

1.1. REQUIREMENTS INCLUDE

- A. Contractor shall provide and maintain specified temporary utilities.
- B. Contractor may extend services from Owner's existing sources.
 - 1. Tap on and extension of services shall be implemented and paid for by the Contractor requiring utility.
- C. Contractor shall furnish (included in his Base Bid):
 - 1. The cost of all utilities required by him which:
 - a. Are in excess of existing available at the building and are necessary for the completion of his work.
 - b. Exceed the capacity of existing or permanent systems and are necessary for the completion of his work.
 - 2. Hoses and fittings from temporary standpipes or water service connection to his work.
 - 3. Drinking water for his own forces.
 - 4. Extension cords, extension lights and lamps from approved temporary power centers to his work.
 - 5. Ventilation for his storage spaces containing volatile or hazardous materials.
 - 6. Security for materials and equipment.
 - 7. Temporary toilet facilities.

1.2. RELATED REQUIREMENTS

- A. Furnished by Owner
 - 1. Authorization of existing facilities for temporary use.
 - a. Electrical power service.
 - b. Lighting extended by drop cords from existing sources.
 - c. Water service extended from existing outlets by the Contractor.
 - 2. Owner will pay all costs of consumables used for construction purposes for utilities it furnishes.
 - 3. The Contractor requiring Owner-furnished services shall provide and pay for extension or modification of services to perform the work and for restoration of services and Owner equipment at completion of the work.

1.3. DESCRIPTION OF UTILITY SYSTEMS

A. Electrical system:

1. Power is supplied to the site by Corn Belt Electric Co-op.
2. The Contractor is advised to contact Corn Belt Electric Co-op to get temporary protection at electrical service entrance (over and adjacent to) the construction area if needed. Phone 309/662-5466, as printed in the area phone book, further contact number may be provided by Owner.
3. The Contractor shall provide and maintain extensions of existing electric power system for construction needs throughout construction period.

B. Natural Gas

1. Provided by Nicor Gas Company, phone 888-642-6748
 - a. Building distribution lines exist as well as branch lines to equipment. Verify all shut-off locations prior to work.

C. Water Service:

1. Water provided by the Town of Normal and City of Bloomington.
2. For construction purposes: The Contractor shall provide and maintain temporary water service connection throughout construction period. Continually running water during construction operations is not allowed.
 - a. For temporary fire control.
 - b. For material preparation and mixing.
 - c. For cleaning operation.
3. The Contractor provides drinking water for his own employees.

1.4. REQUIREMENTS OR REGULATORY AGENCIES

- A. Compliance with specified codes and regulations (latest editions in effect as of the date of bidding documents) is the responsibility of the Contractor. See 01060.

1.5. USE OF OWNER'S EXISTING SYSTEMS - RULES AND REGULATIONS

- A. Owner's mechanical systems shall remain in service throughout the construction except for prearranged temporary shutdowns.
- B. Make all arrangements with the Owner's Representative for use of electrical power for hand tools, temporary lighting, toilets and use of water. Temporary connections shall not interfere with or starve the ordinary use of the building or for ongoing maintenance and service activities therein.

C. Limitations

1. Keep work areas enclosed to avoid energy waste.
2. Keep away from any areas as directed by Owner/Representative.

D. Modify temporary utility systems if requested by the Architect/ Engineer or the Owner.

E. Upon completion of work, or when directed by Architect/Engineer, restore existing systems to original condition or specified conditions.

END 01510

DIVISION 1 - GENERAL REQUIREMENTS
Section 01740 - Guarantees, Warranties & Bonds

1. GENERAL

1.1. WORK INCLUDES

- A. Provide all guarantees, warranties and bonds, as specified.
- B. Related work specified elsewhere
 - 1. All work.
- C. Submittals: The Contractor shall process, acquire and submit the Guarantees, Warranties and Bonds as specified below:
 - 1. Bid Bond.
 - 2. Labor & Material Payment and Performance Bonds, following award.
 - 3. Guarantees: Submit on Contractor's letterhead a one-year material and labor guarantee for all work except for special warranties.

1.2. WARRANTY

- A. The Contractor warranty that all work provided under the Contract will be in conformance with the Contract and free from defects in workmanship, materials and equipment for a period of one (1) year or such longer period as may be specified in the Contract documents. Warranty time periods shall commence with the date of Owner acceptance of the Certificate of Substantial Completion or the whole or any part of the project. The warranty time period for any incomplete or uncorrected work at the time of Substantial Completion shall commence with the date of Final Completion.
- B. The Contractor warrants that all workmanship, materials and equipment for those building systems subject to seasonal loads will be in conformance with the Contract and free from defects for a period of two (2) years, commencing with the date of Owner acceptance of the Certificate of Substantial Completion. This includes, but is not limited to, Heating, Ventilation, Air Conditioning, Temperature Control and Test and Balance work as specified in the Project Specifications.
- C. The Contractor shall, on demand made by the Owner, at any time within the one (1) year period following Substantial Completion, promptly repair or replace all defective or non-conforming work resulting from or constituting late defects, fraud, fraudulent concealment or gross negligence. The Owner or the Architect/Engineer will give timely notice or such defects.
- D. Upon notice from the Owner or the Architect/Engineer of such defects or nonconformity, the Contractor shall promptly visit the site in the company

01740 - 1 Guarantees, Warranties & Bonds

of the Owner's representative to determine the extent of all defects on non-conformance and shall promptly repair or replace the defective or nonconforming work, including all adjacent work not necessarily provided by the Contractor, but damaged as a result of such defect or nonconformity or as a result of remedying them. If the Contractor does not promptly repair or replace a defective or nonconforming work the Owner may repair or replace such work and charge the cost thereof to the Contractor. Work which is repaired or replaced by the Contractor shall be inspected and accepted in accord with the original standards of the Contract. The warranties set forth herein are in addition to all warranties or guarantees expressed or implied by operation of law, statute or ordinance.

E. The Contractor shall deliver all commercial warranties received from the manufacturer to the Architect/Engineer prior to Final Completion, but this shall not reduce the Contractor's obligations under this Article.

F. Special Warranties

07900 - Sealants & Caulks

Contractor's Warranty – One (1) year, all applications

Manufacturer's Warranty – per Section 07900 (varies for different products). Maximum printed product warranty

32 01 09 Finish Grading & Seeding

Contractor's Warranty – One (1) year plus one (1) Growing Season

END 01740

1 GENERAL

1.1. DESCRIPTION

- A. General Contractor provide all exterior paving and sidewalk work and concrete surfacing and curb work of every nature on the Drawings.

1.2. QUALITY ASSURANCE

- A. No paving shall be installed over a soft, uncompacted, or frozen base, nor until construction scheduling allows installation without heavy truck traffic for five (5) days for bituminous concrete or fourteen (14) days for concrete. Any paving section not complying with this requirement, showing sinking, or suffering from cracking greater than shrinkage cracking, shall be removed and replaced at no additional charge.
- B. Grade shall be continually checked during paving operations to assure natural drainage of all surfaces without any ponding.
- C. Paving shall be completed only when suitable weather conditions prevail, low temperatures shall be above freezing and rain shall not be predicted during operations or shortly thereafter.
- D. All paving shall have the top surface adequately compacted and finished to be dense and moisture-resistant. The surface finish shall be uniformly textured to be anti-slip when wet and visually consistent in appearance.
- E. All gravel base shall be full thickness after compaction. Allow for 8" slab depth in setting base elevation.

1.3. SUBMITTALS

- A. Concrete batch plant shall provide mix data to Architect.

2 PRODUCTS

2.1. MATERIALS

- A. Exterior slabs – IDOT PV
 1. Seven (7) days strength = 3000 psi
 2. Twenty-eight (28) day strength = 4000 psi
 3. Minimum cement content per cu. yd. = 600 lbs. (6½ bag)
 4. Air entrainment admixture
(installed per Manufacturer's recommendations) 6% to 8%,
required
 5. Max. water content per bag cement 6 gal. bag
 6. Min. slump = 3"
 7. Max. slump = 6"

2.2. REINFORCEMENT

- A. Provide #4 deformed bar epoxy coated around perimeter.
 - 1. Provide #4 bars 4' long to tie slabs supporting exit / entrance platform to main slab.
- B. All concrete for walking surfaces shall have Fibermesh 150 or equal incorporated into the mix at the batch plant at the rate of 1.5 lbs. per cu. yd.
 - 1. In lieu of Fibermesh the Contractor can install 6 X 6 – 10/10 welded wire mesh.
- C. All concrete for vehicle use shall have 6 X 6 – 10/10 welded wire mesh.
- D. At all expansion joints and cold joints drill slab edge for 20" epoxy #4 bars at 24" o.c.

2.3. FORMS

- A. Use steel or wood forms for slabs.
 - 1. Make sure forms are straight and set at correct elevation.
 - 2. Make sure forms for curved areas are consistently curved.

3 EXECUTION

3.1. PREP AND POUR

- A. Before pouring insure the earth base for slabs is compacted. See Section 02200.
- B. Sidewalk slabs to be five inches (5") thick. **Vehicular slabs to be 8" thick.**
- C. Protect from inclement, rain or cold weather.

3.2. FINISH

- A. Slab finish shall be light broom finish after steel troweling. Please do not mist or apply water to surface during finishing.
- B. Slabs to be scored or green cut at nominal twenty feet (20') o.c., 25% of slab depth.
 - 1. Vehicular slabs shall have expansion joints at 80' o.c.
 - 2. Apply SL Urethane sealant to all cut joints.
- C. Avoid loading slabs for seven (7) days.
- D. Remove forms and add earth fill to level finish. Apply seed after work is

completed.

3.3. CURING/SEALING CONCRETE

A. All shall receive the following cure and seal treatment.

1. APPLY CURING COMPOUND SEALTIGHT CS-309 OR EQUAL AFTER CONCRETE SURFACE WATER HAS DISAPPEARED AND/OR AS SOON AS THE SURFACE CAN BE WALKED ON. APPLY AT MANUFACTURER'S RECOMMEND RATE.

B. Anti-Spalling Protection

1. Apply anti-spalling compound on all new exterior concrete slabs in **October the year of Owner occupancy**. Apply no sooner than twenty-one (21) days following placement on all exterior slabs placed later than October when Owner occupancy is scheduled during that winter or spring season.
 - a. W.R. Meadows Lin-Seal Anti-Spalling Compound.
847/214-2100
 - b. Or, approved equal.

END 03300

DIVISION 7 – THERMAL & MOISTURE PROTECTION
Section 07900 – Sealants & Caulks

1. GENERAL

1.1. REQUIREMENTS INCLUDE

A. Base Bid – General Contractor

1. Contractor shall provide caulking and sealing of joints where required to complete this work.
 - a. Install self leveling sealant at the joint between the new retaining wall and the existing lay down curb.

1.2. HANDLING & STORAGE

- A. When the Contractor chooses a product for a particular use for a sealant or caulk specified, that same product shall be used throughout the project for that specific assignment.

1.3. WARRANTY

- A. Sealant Manufacturer: Contractor shall certify per Section 01740, as applicable.
1. Material performance - twenty (20) years against shrinkage and hardening - implied and advertised.
 2. Loss of bond to substrate as Manufacturer's implied and advertised.

2. PRODUCTS

2.1. MATERIALS

- A. Exterior grade for masonry-to-masonry, metal-to-metal, wood-to-masonry, and glass-to-masonry.
1. Material's serviceable life expectancy shall be twenty (20) year minimum in Manufacturer's printed material for the applications proposed.
 2. Approved products are as follows:
 - a. Sonneborn NP-1
 - b. Silaflex 1A
 - c. Vulkem 116
- B. Grade on horizontal joints, exterior/interior grade sealant shall be one (1) part, self-leveling for concrete contraction/expansion joints.
1. Approved products are as follows:

- a. Sonneborn Sonolastic S.L.1
- b. Vulkem 45
- c. Dow Chemical 880

2.2. JOINT FILLER

- A. Joint Filler F-3, closed-cell polyethylene approved products shall be as follows:
 - 1. Ethafoam by Dow Chemical.
 - 2. Expand-O-Foam by Williams Products, Inc.
 - 3. Filler Foam FF-4 by Progress Unlimited, Inc.
 - 4. Safe-T-Grip Filler Gasket by Structural Specialties Corp.

3. EXECUTION

3.1. INSTALLATION

- A. Install all materials in accordance with Manufacturer's printed instructions. Unless otherwise directed, conform as follows:
 - 1. In joints which are not subject to traffic, apply sealants to a minimum depth of 50% of the normal joint width but not less than 3/8" or more than 1/2" deep.
 - 2. Apply non-elastomeric compounds in exposed joints with the depth of compound not less than the joint width.
 - 3. Use appropriate sealants for all exterior joints and for the interior joints subject to movement, except traffic expansion and contraction joints. Use self-leveling sealant for all exterior and interior expansion traffic joints in concrete and tile work.
 - 4. Self-leveling sealant shall be poured over a bond breaker tape or F-3 Joint Filler. The joint shall be masked off adequately to assure a clean, flush and finished installation.
 - a. Install self-leveling joint filler (see Paragraph 2.2) all along the joint between the new retaining wall and the existing lay down curb.
 - 5. Sealants and caulks shall be a color selected to blend with adjacent material color.
- B. Installations shall be neatly executed, smooth and regular in appearance, no lumps or globs or smears onto adjacent surfaces. Tool when appropriate.

3.2. SEALANT APPLICATION

- A. For exterior conditions: Select the proper sealant to provide resistance to air or water infiltration at all exterior envelope joints, connections of dissimilar materials:

1. Wall expansion joints
2. Door & windows
3. Wall penetration
4. Abutting dissimilar materials
5. As needed to control infiltration

B. Appearance conditions: Throughout the exterior of the construction provide sealants as needed to visually finish all installations.

1. Wall expansion joints
2. Construction joints
3. Abutting dissimilar materials
4. Joints subject to water penetration
5. Irregular joints
6. Unintended gaps, cracks or openings, seal all holes from abandoned anchors or any item removed prior to and/or during construction.

END 07900

1. GENERAL

1.1 DESCRIPTION

- A. Complete all paving and surfacing work as described on the Drawings and herein these Specifications including labor, materials, surface preparation, cleanup, establishing lines, levels, and all associated site work.
 - 1. Provide stripping of areas as shown on Plans.
- B. Bituminous surface paving work shall be scheduled to allow public access to the building.
- C. General Description
 - 1. Prepare for new surfacing as noted on Drawings.
 - a. Remove all loose material from existing pot holes and fill with asphalt or concrete patch material.
 - b. Mill areas as noted in Section 3.1.
 - c. Install new asphalt.
 - d. Paint parking strips and surface directional signs from existing layout.

1.2 QUALITY ASSURANCE

- A. All work shall be completed by crews experienced in this type application with proper equipment.
- B. All of the work shall comply to the minimum State of Illinois Department of Transportation (IDOT) Specifications, where listed.
 - 1. IDOT plant certification is not required.
 - 2. Testing for mix certification may be requested.
- C. Testing for mix certification may be requested.
- D. No paving shall be installed over a soft, uncompacted, or frozen base, nor until construction scheduling will allow installation without heavy truck traffic for three (3) days for bituminous concrete. Any paving section not complying with this requirement, showing sinking, or suffering from cracking greater than the shrinkage cracking shall be removed and replaced at no additional charge.
- E. Grade shall be continually checked during paving operations to assure natural drainage of all surfaces without any ponding.
- F. Paving shall be completed only when suitable weather conditions prevail, low temperatures shall be above freezing and rain shall not be predicted

- during operations or shortly thereafter.
- G. All paving shall have the top surface adequately compacted and finished to be dense and moisture-resistant. The surface finish shall be uniformly textured to be anti-slip when wet and visually consistent in appearance.
 - H. All paving and gravel base shall be full minimum thickness or thicker, measured after compaction.
 - I. Surface areas which are found to be irregular, thin, improperly compacted, porous or otherwise defective shall be removed and replaced at no additional expense to the Owner.

2. PRODUCTS

2.1 MATERIALS

- A. Granular Base Course: N.I.C.
- B. Primer: Shall be MC-30, RT-1, or RT-2 for crushed rock bases; RC-70 or RT-6 for brick, concrete, and bituminous base; and AC 60-70, AC 70-85, or AC 85-100 for binder and surface courses for cracks, joints, and flangeways, and to embed fabric when specified.
 - 1. Follow IDOT practices
- C. Binder Leveling Course: IDOT Binder Mixture N-50.
 - 1. One and half (1½") compacted thickness unless noted otherwise on Drawings.
 - 2. Apply as noted on Drawings.
 - 3. Always shape to drain without ponding
 - 4. Polymer bitumen.
- D. Surface Mix: Shall be IDOT Surface Mixture N-50
 - 1. One and one half inch (1 ½") compacted thickness.
 - 2. Always shape and to drain without ponding.
 - 3. Polymer bitumen.
- E. Bitumen: 200 - 300 for surface course
150 - 200 for binding and leveling courses
Prior verify use of softer grade for cold weather work.
- F. Striping
 - 1. Stripe parking stalls and surface painted directional signs with yellow street marking paint – 2 coats.
 - 2. Stripe crosswalks & stop lines with white markings paint – 2 coats.

3. EXECUTION

3.1 PARKING AND LOOP DRIVE AREAS – NORMAL COMMUNITY WEST HIGH SCHOOL

A. AUDITORIUM PARKING AREA 1

1. The asphalt surface of this area has cracked depressed areas, asphalt surface eroded, and numerous pot holes.
2. Remove damaged areas and install new asphalt material.
3. Mill deteriorated areas to a depth of 2". Clean area and apply continuous coat of SS-1 emulsion. Install one 2" layer of N50 Asphalt. Roller compact smooth to existing surface.
4. Install 2" of N50 asphalt surface on 778 sq yd.
5. Replace and pin old parking blocks and paint parking stalls per original layout if existing.

B. NORTHWEST CORNER OF LOOP DRIVE AREAS

1. This area has eroded and sunken surface. Potholes exist and temporary improperly installed repairs have been previously performed.
2. Remove damaged surface and install new asphalt topping.
3. Mill deteriorated areas to a depth of 2". Clean area and apply continuous coat of SS-1 emulsion. Install one 2" layer of N50 Asphalt. Roller compact smooth to existing surface. 98 sq. yd.

C. NORTHWEST LOOP DRIVE AREA 3

1. The asphalt surface has eroded surface and the original placement joint has cracked and broken surface with chunks of joint missing.
2. Remove damaged area and joint and install new material.
3. Mill deteriorated area to a depth of 2". Mill 40" wide X 2" deep strip X 220' long. Clean areas and install continuous coat of SS-1 emulsion. Install 2" of N50 asphalt material. Compact level with existing asphalt. 130 sq. yd.

D. NORTH LOOP DRIVE AREA 4

1. The asphalt surface of this area is cracked with sunken areas, surface erosion, and pot holes.
2. Remove damaged areas and install new asphalt.
3. Mill this deteriorated surface to a depth of 2". North portion of drive is 24' wide X 131" long. South portion of this area is 18" wide X 342' long. Clean area and install SS-1 emulsion, then finish topping of 2" N50 asphalt. 1033 sq. yd.

E. SOUTHWEST DUMPSTER AREA 5

1. Area adjacent to dumpster concrete platform has cracked and

- ruted.
- 2. Remove damaged surface and install new asphalt.
- 3. Mill surface 1" and remove high spots at ruted depressions. Clean and install SS-1 emulsion. Install 1" topping of N50 Asphalt to level area. Compact area level with remaining concrete and asphalt surface. 110 sq. yd.

F. EAST LOOP DRIVE AREA 6

- 1. Area along 300' of the east portion of this drive has sunk 1" to 1.5" below existing curb and the surface has cracked and broken. This curb and gutter leads to 3 paved drainage channels to detention area. The eastern drainage channel has severely broken and water has undermined the east side of the channel.
- 2. Remove strip of asphalt along the loop drive gutter and replace with new. Remove broken sections of the drainage channel and install gravel base and concrete.
- 3. Mill 1" of existing asphalt 40" wide X 300' Clean and install SS-1 emulsion on milled surface, and install tapered asphalt 1" to 2" thick X 300' long to repair edge. 113 sq. yd.
- 4. Remove damaged sections of concrete drainage channel and install gravel base and new concrete. Repair eroded soil along east side with riprap stone. See Detail.

3.2 PARKING AREAS AND LOOP DRIVE – PEPPER RIDGE ELEMENTARY

A. NORTH PARKING AREA A

- 1. The asphalt surface has significant cracked and eroded surface. Some areas of ponding are a problem. The east edge has collapsed due to uncontrolled drainage from the Loop Drive.
- 2. Remove damaged areas and install new asphalt. Repair east edge of Parking Lot and a small area of the Loop drive to contain water drainage.
- 3. Mill designated areas to a depth of 2". Clean area and apply one coat of SS-1 emulsion. Install one 2" layer of N50 Asphalt. Compact smooth to adjacent existing surfaces. Install 114' of concrete to correct drainage collapse of the east edge. 338 sq. yd.

B. NORTH LOOP DRIVE AND EAST BUS LANE AREA 2

- 1. Designated asphalt surfaces are cracked and separating. Also, original construction joints have failed and are crumbling.
- 2. Remove damaged surfaces and install new asphalt.
- 3. Mill to a depth of 2". Clean areas and install one coat of SS-1 emulsion. Install 2" of N50 asphalt. Rebuild Bus Lane corner as above but install 4" of asphalt. Compact with roller and smooth to existing surfaces. 248 sq. yd.

C. SOUTH PARKING LOT AREA 3

- 1. Designated areas have cracked and eroded surfaces, failing and

broken construction joints. There are several sunken areas and pot holes. The south edge of this parking lot has broken and collapsed edge due to excessive water runoff causing erosion at the edge.

2. Remove asphalt surface as shown on plan and repair with new asphalt. Repair south edge of lot to control drainage problem, with rip rap and concrete curb.
3. Mill designated areas to a depth of 2". Clean and install one coat of SS-1 emulsion. install 2" of N50 asphalt. At south edge mill 2" deep X 24" wide X 162' long. Install new concrete curb and new asphalt strip. 490 sq. yd.

D. THREE DRIVE ENTRANCE APRONS

1. The three entrance aprons are badly cracked with sections of concrete missing. The slabs have broken into sections which are repaired with cold patch often but are broken each winter. The present cracks vary in width from 1" to 12".
2. Remove existing aprons – all three – and install new.
3. Remove existing concrete apron entirely and replace with 8" thick 4000 psi concrete with fiber reinforcement. 625 sq. ft.

3.3 CONDITIONS OF INSTALLATION

A. Apply pavement reinforcement fabric where called for on the Drawings, where directed and fully embed and saturate into asphalt primer as recommended by the Manufacturer. Fabric shall be placed without rips or wrinkles to the extent possible, and with twelve inch (12") laps.

B. Drainage

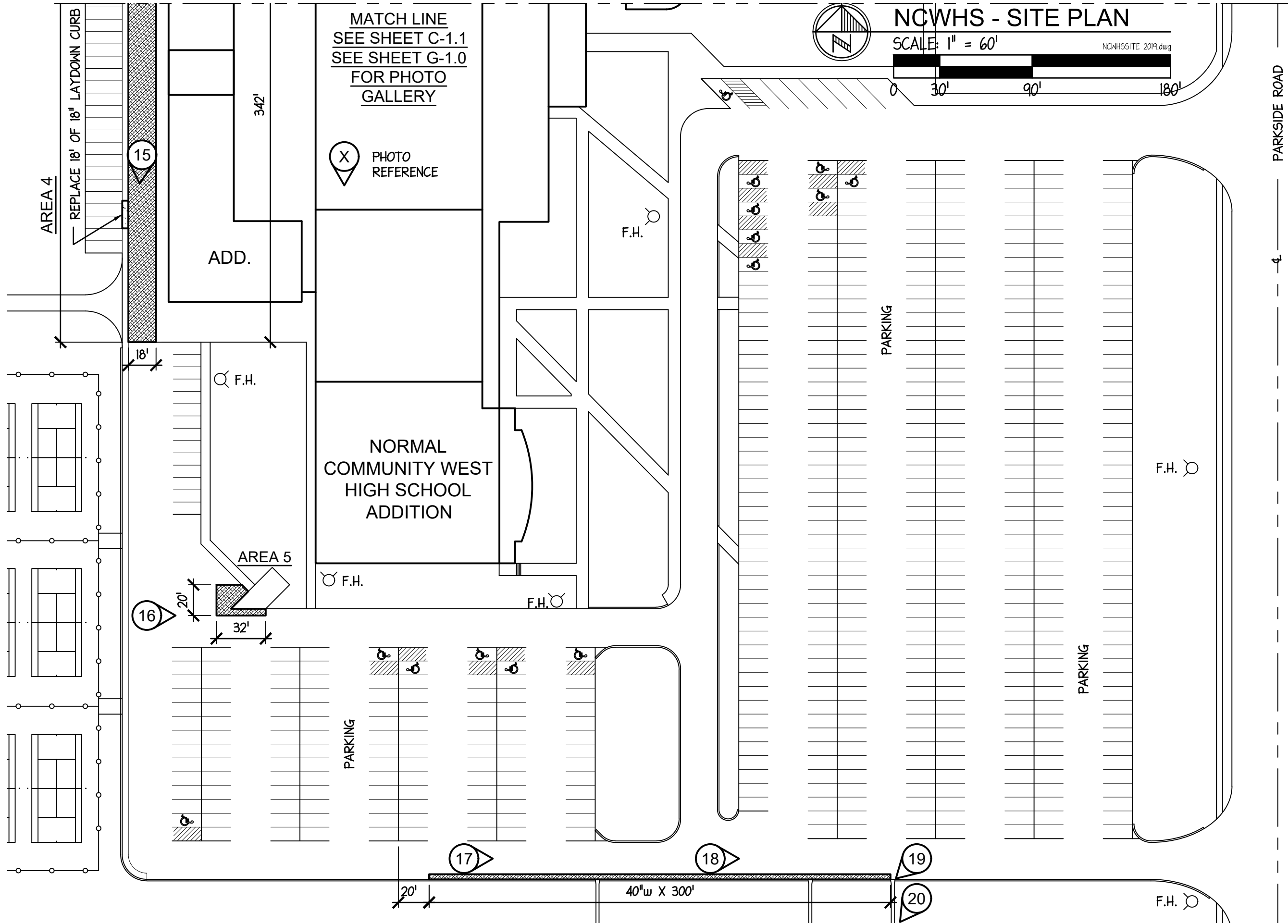
1. Paving must be placed and shaped to allow full surface drainage without ponding.
2. If necessary, build up thickness or apply and feather out binder, do not thin overlay to accomplish. (Exception: small or limited reduction to 1-1/2" overlay will be allowed at narrow humps or isolated high spots in existing surface).
3. Check slope continually.
4. See drawings for areas that may required shaped swale
 - a. Such swales shall be uniform
 - b. Shallow slope sides, approximately 5%, 8% maximum in tight conditions.
 - c. Swale flow slope 1% minimum, 2% preferred.
 - d. Shape base appropriately, swale construction does not change thickness requirements

C. The bituminous mixtures shall be placed true to crown and grade with a spreading and finishing machine. Bituminous mixtures may be spread and finished by approved hand methods only where machine methods are impractical, as in the case of special areas which because of irregularity, or unavoidable obstacles do not lend themselves to mechanical placing.

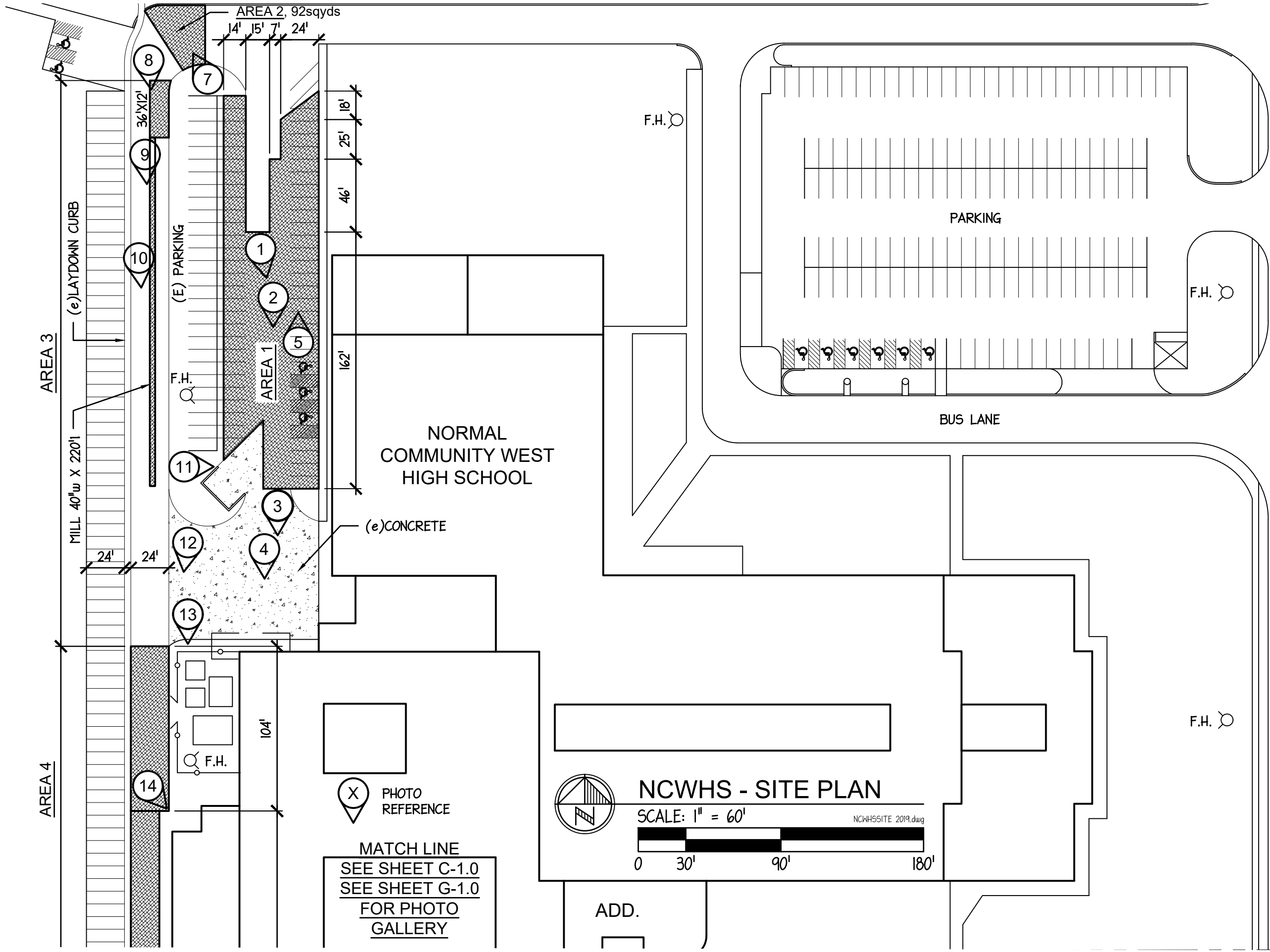
Hand compaction shall provide ninety-five percent (95%) modified proctor density rating similar to mechanically compacted surfaces.

- D. Immediately after the bituminous concrete mixture is placed, it shall be compacted thoroughly and uniformly with a three-wheel roller or a tandem roller or equipment appropriate to pavement shape and project size. Comply with IDOT instructions for compaction. Where initial rolling causes undue displacement, hair-cracking, or checking in either the binder course or the surface course, the time of rolling shall be adjusted to correct these conditions. Replace damaged sections.
- E. After final compression, the surface course shall, at no point, have a density less than ninety-five percent (95%) of the maximum possible density of a voidless pavement composed of same materials in like proportions. If the density of the finished binder course is less than 95%, additional rolling will be required.
- F. All course thicknesses listed are after-compaction thicknesses.
- G. Striping
 - 1. 2" yellow lines or 2" white lines.
 - 2. Apply two coats – second coat several days after application of first coat.

END 32120

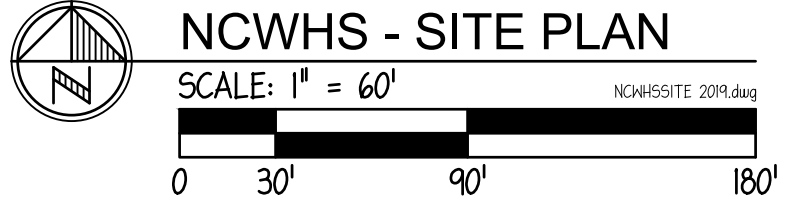


REVISIONS		PARKING LOT & DRIVEWAY REPAIRS		PROJECT NO. 24732319
NO.	DATE	REMARKS	Mclean County Unit District No.5 NCWHS - 501 N. Parkside Road, Normal, IL 61761	ISSUE DATE MARCH 3, 2020
			MIDDLETON ASSOCIATES • INC ARCHITECTS 1702 W. College Ave. Suite E Normal, IL 61761-2793 p: 309.452.1271 f: 309.454.8049 middletonassociates.net	SHEET C-1.0
			THE CONTRACTOR SHALL VERIFY CONDITIONS & DIMENSIONS ON THE JOB. INFORMATION SHOWN ON ANY PART OF THE DRAWINGS SHALL APPLY TO SIMILAR CONDITIONS AT OTHER LOCATIONS IN THE WORK UNLESS SET FORTH OTHERWISE	OF 3 SHEETS



X PHOTO REFERENCE

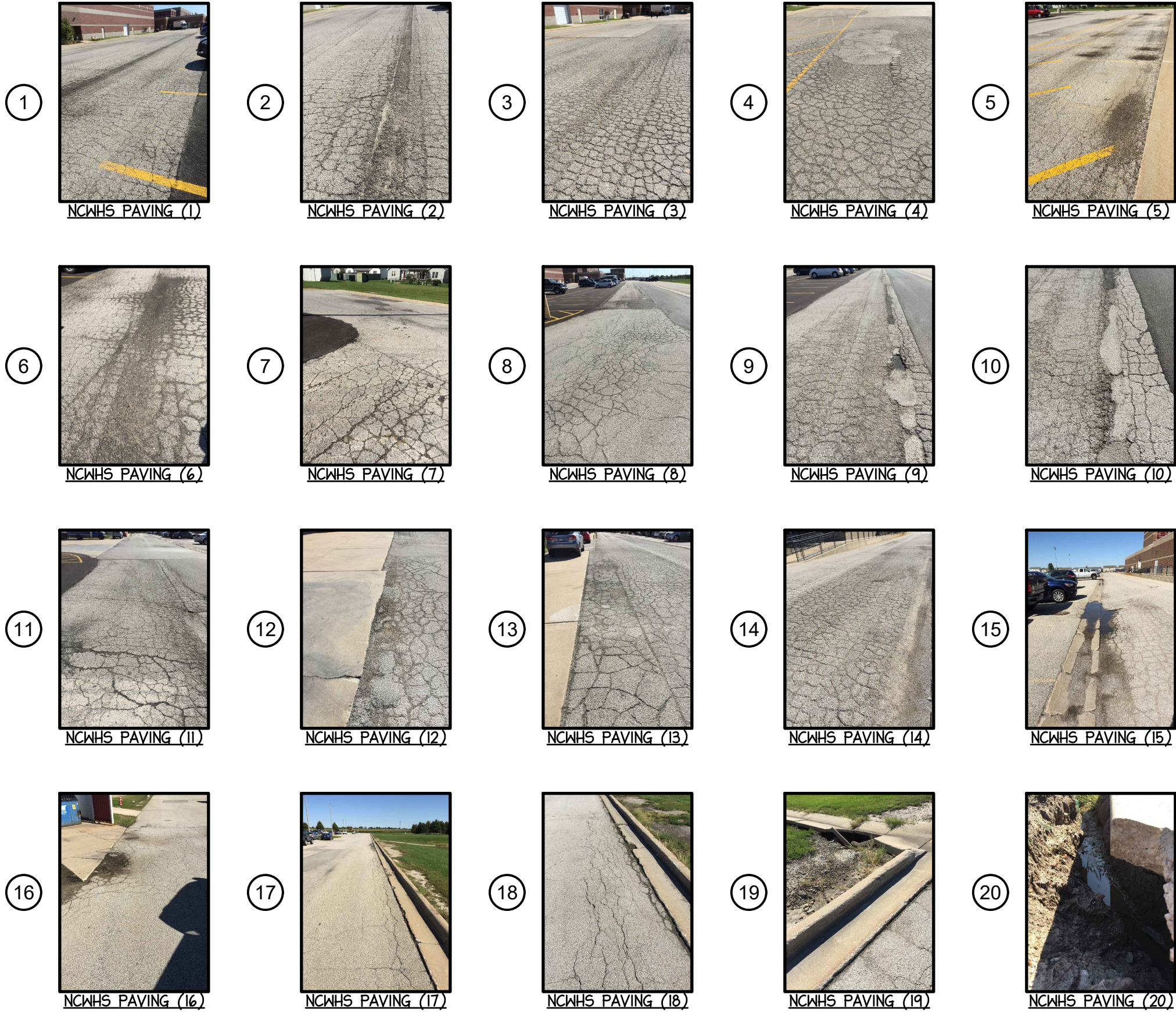
MATCH LINE
SEE SHEET C-1.0
SEE SHEET G-1.0
FOR PHOTO GALLERY



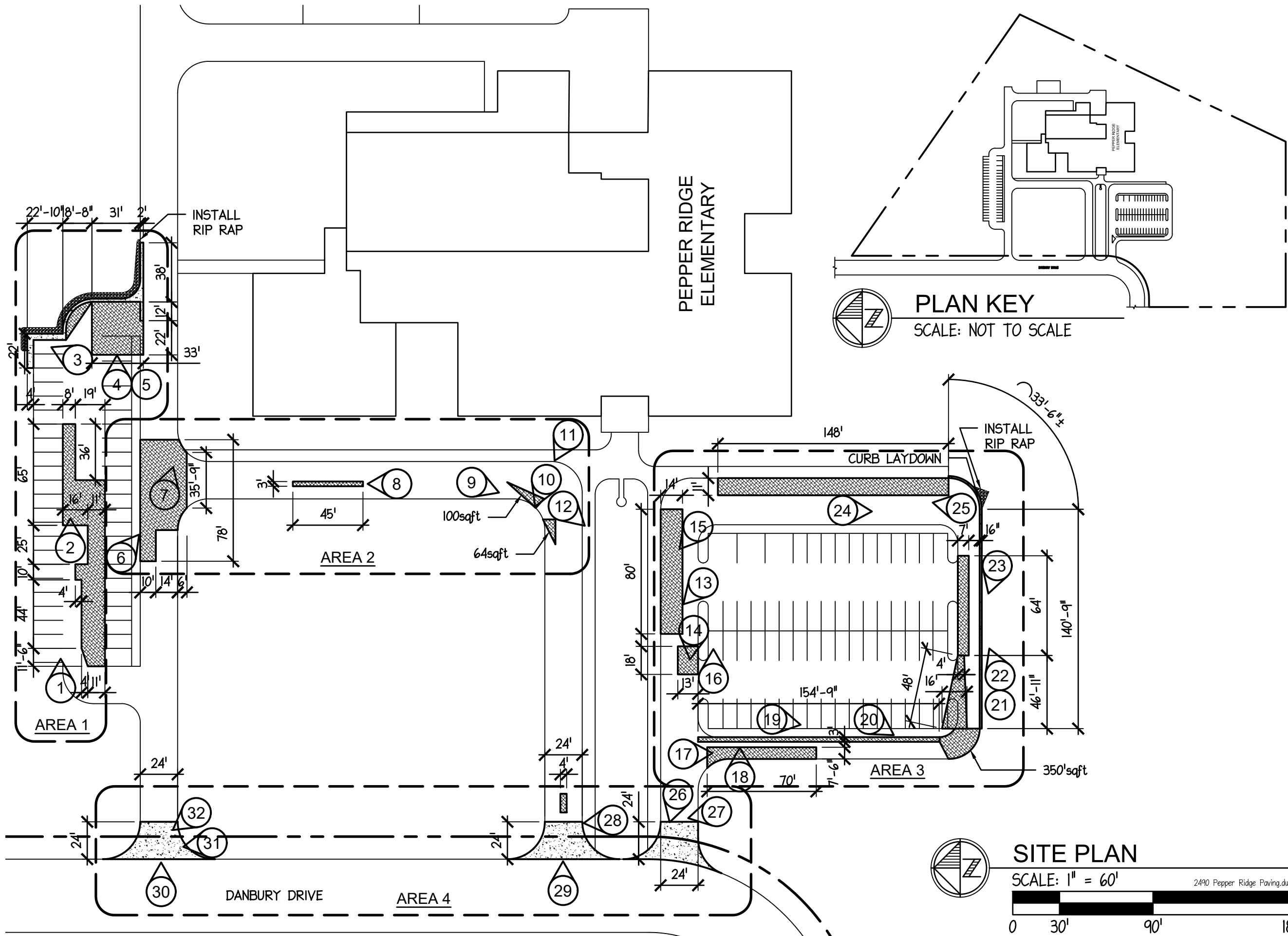
ADD.

PROJECT NO. 24732319		ISSUE DATE MARCH 3, 2020		SHEET C-1.1		OF 3 SHEETS	
PARKING LOT & DRIVEWAY REPAIRS				McLean County Unit District No.5 NCWHS - 501 N. Parkside Road, Normal, IL 61761			
MIDDLETON ASSOCIATES • INC ARCHITECTS				1702 W. College Ave. Suite E Normal, IL 61761-2793 P: 309.452.1271 F: 309.454.8049 middletonassociates.net			
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NO.	DATE	REVISIONS	REMARKS				

NORMAL COMMUNITY WEST HIGH SCHOOL
PARKING AND BUS LANE REPAIR
PHOTO GALLERY

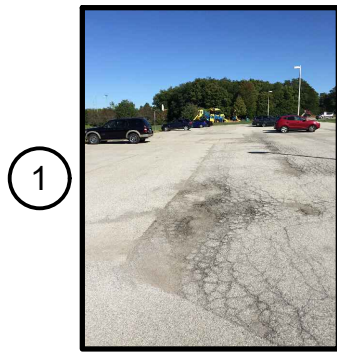


REVISIONS		PARKING LOT & DRIVEWAY REPAIRS		PROJECT NO. 24732319
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			SHEET G-1.0	
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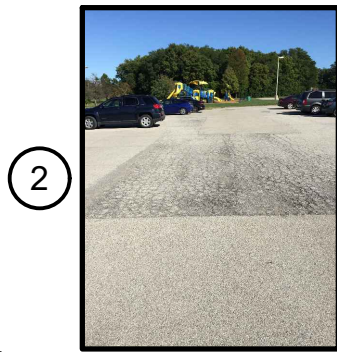


PROJECT NO. 24902319		ISSUE DATE MARCH 3, 2020		SHEET C-1.0		OF 3 SHEETS	
PARKING LOT & DRIVEWAY REPAIRS				MCUD5 Pepper Ridge Elementary - 2602 Danbury Drive, Bloomington, IL 61704			
1702 W. College Ave. Suite E Normal, IL 61761-2793 P: 309.452.1271 F: 309.454.8049 middletonassociates.net							
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NO.	DATE	REVISIONS	REMARKS				

PEPPER RIDGE ELEMENTARY SCHOOL
PARKING AND BUS LANE REPAIR
PHOTO GALLERY



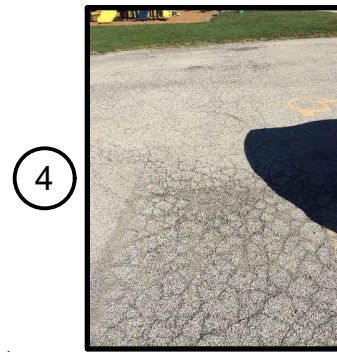
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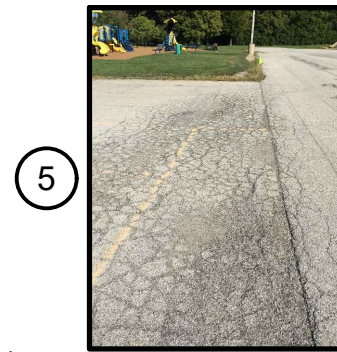
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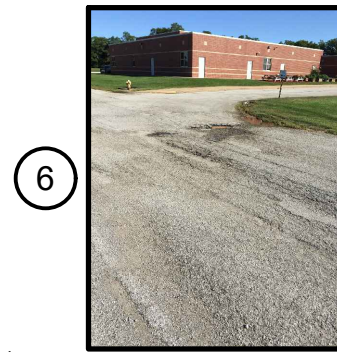
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PEPPER RIDGE PAVING (4)



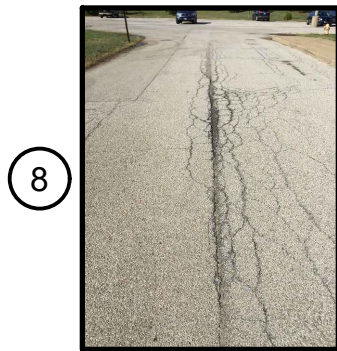
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PEPPER RIDGE PAVING (6)



PEPPER RIDGE PAVING (7)



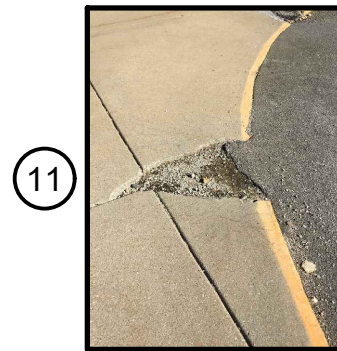
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PEPPER RIDGE PAVING (9)



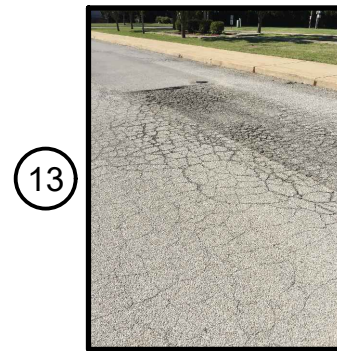
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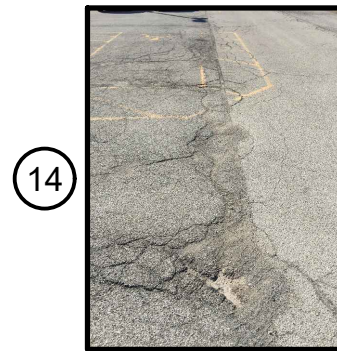
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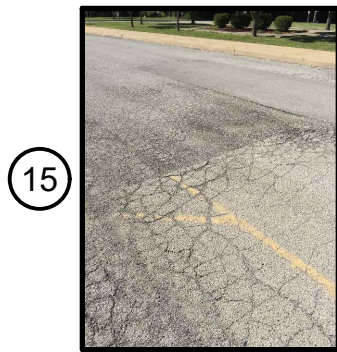
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PEPPER RIDGE PAVING (13)



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PEPPER RIDGE PAVING (26)



PEPPER RIDGE PAVING (27)



PEPPER RIDGE PAVING (28)

PROJECT NO. 24902319		ISSUE DATE MARCH 3, 2020		SHEET G-1.0		OF 3 SHEETS	
PARKING LOT & DRIVEWAY REPAIRS MCUD5 Pepper Ridge Elementary - 2602 Danbury Drive, Bloomington, IL 61704 MIDDLETON ASSOCIATES • INC ARCHITECTS 1702 W. College Ave. Suite E Normal, IL 61761-2793 P: 309.452.1271 F: 309.454.8049 middletonassociates.net				REVISIONS			
				NO.	DATE	REMARKS	

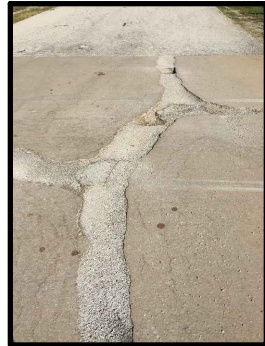
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PEPPER RIDGE ELEMENTARY SCHOOL
PARKING AND BUS LANE REPAIR
PHOTO GALLERY



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PEPPER RIDGE PAVING (29)



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PEPPER RIDGE PAVING (30)



31

PEPPER RIDGE PAVING (31)



32

PEPPER RIDGE PAVING (32)

REVISIONS	
NO.	DATE

PARKING LOT & DRIVEWAY REPAIRS
 MCUD5 Pepper Ridge Elementary - 2602 Danbury Drive, Bloomington, IL 61704

MIDDLETON ASSOCIATES • INC
ARCHITECTS

1702 W. College Ave.
 Suite E
 Normal, IL 61761-2793
 P: 309.452.1271
 F: 309.454.8049
 middletonassociates.net

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PROJECT NO. 24902319
ISSUE DATE MARCH 3, 2020
SHEET G-1.1
OF 3 SHEETS