Park Hill School District

Building Successful Futures • Each Student • Every Day

REQUEST FOR PROPOSAL

2023 Asphalt and Concrete Projects

- **Park Hill High School**
- **Gerner Early Childhood**
- **Union Chapel Elementary**
- **Renner Elementary**
- **Chinn Elementary**
- **English Landing Elementary**
- **Graden Elementary**
- **Southeast Elementary**
- **Lakeview Middle School**

Detailed Proposal Information is Available on District Website

http://www.parkhill.k12.mo.us

Bid Closing Date: March 15, 2023

Bid Closing Time: 10:00 AM CST

Park Hill School District reserves the right to reject any or all proposals and to waive informalities or irregularities in any proposal.

Dear Contractor:

The Park Hill School District is seeking proposals from qualified contractors to complete concrete and asphalt projects throughout the District.

A mandatory "pre-bid" meeting and walk through will start at Park Hill High School at 7701 NW Barry Rd. Kansas City, MO 64153 we will meet on **Monday February 20, 2023 at 10:00am CST** in the Northwest lot across from our District Office. We will then continue to Gerner Early Childhood and Union Chapel Elementary. If you have any questions, please contact Joe Hagg at 816-359-6967.

Sealed proposals will be accepted at the Support Services office located at 9501 N. Seymour, Kansas City, MO 64153 on March 15, 2023 at 10:00 AM CST. Proposals will be opened at that time.

Proposals must be returned on the form(s) provided, with "Bid Proposal – 2023 Asphalt and Concrete Projects" clearly on the label. A proposal must consist of all pages of the proposal request including the signature page signed by an authorized representative of the firm. Non-conformance with these instructions may be grounds for rejection of proposal.

A bid shall be accompanied by a certified check, cashier's check or surety bond for ten percent of the amount of the bid included in the proposal as a guarantee that the contractor will enter into a contract to perform the proposal pursuant to the plans and specifications.

The District reserves the right to reject any and all proposals and to waive informalities.

Faxed or e-mailed proposals will not be accepted. Late proposals will be rejected, unopened and returned.

Work must be complete by August 7, 2023. Summer school is scheduled June 5 to July 1 at some schools. **Must coordinate with the district for scheduling.** Any work not completed by August 7, 2023 shall result in a $1,000 per diem penalty to be deducted by the District from final payment.

Prevailing Wages will apply. Current Missouri Division of Labor Standards, Wage and Hour Section, Annual Wage Order No. 27, Section 083, Platte County, or most current version will apply.

The project is tax exempt.

Contractor is responsible for any and all required permits.

Jim Rich
Director of Operations

PROJECT SCHEDULE

February 6, 2023 RFP published to Park Hill School District website

February 20, 2023 Mandatory Pre-Bid Meeting at Park Hill High School at 10:00am

March 15, 2023 Sealed bids due by 10:00 am to 9501 N. Seymour Ave, Kansas City, MO 64153

March 30, 2023 Park Hill School District Board of Education: First Read- Bids, Contracts, Agreements

April 13, 2023 Park Hill School District Board of Education: Second Read and Vote

April 14, 2023 Park Hill Building and Grounds Department will contact board approved contractor(s) to proceed with project

July 1, 2023 Approximate start date

August 7, 2023 Work completion date

PROJECT REQUIREMENTS

Project Safety

Construction equipment and the work area is required to be secured in a manner that protects the public and employees from hazard. The Contractor will be responsible for assuring that physical barriers required to prevent vehicle and pedestrian hazards remain intact throughout the duration of the project. The Contractor is required to conduct operations in a manner that is consistent and compliant with OSHA safety requirements. Contractor to provide all temporary utilities, including toilet, water, electric, etc. No access to the building unless for emergency.

Building Permits, Traffic Permits and Inspections

Contractor will be responsible for obtaining and the cost of all required building permits, storm water permits and plans, traffic permits, water metering and inspection fees associated with this project. All permits must be obtained prior to commencing work.

Public and Private Utilities

Contractor shall contact local agencies to locate underground utilities. Park Hill School District shall be responsible to locate private utilities. Contractor shall protect known utilities, landscaping, curbing, irrigation system components and all existing structures. Should damage occur, contractor is responsible to return each above to their original condition.

Removal of Construction Debris and Materials

Remove and dispose of materials properly per AHJ, OSHA, and EPA regulations. The Contractor will not dispose of any trash or construction materials in property's trash containers. Construction debris, millings and excavated granular, soil or excess materials must be removed from the project site by Contractor daily. Insure no rock or construction material reaches building, landscape, or other areas. Concrete wash out shall be off-site. Broom or blow clean all trash and construction debris at each facility's final completion. Return landscaping and all existing structures to original condition or better.

Warranty

Contractor shall warranty all project materials and workmanship for a minimum of one year from substantial completion. New surfacing shall be warranted from raveling, delamination, potholing or surface cracking for a period of one year. Contractor is responsible to maintain proper drainage and insure no ponding water. Specific concerns regarding warrantability due to existing condition(s) must be brought to the attention of Park Hill School District in advance.

Concrete Curb & Gutter

Concrete curb and gutter to be match existing curbing in style, reveal and width. Thickness to be per plans and details. Place 1/2-inch fiber expansion joints were new curbing abuts existing. Dowel new curbing to existing with three (3) #4 rebar. Place three (3) continuous runs of #4 rebar in new curb and gutter. Expansion joints shall not exceed every 30 LF of curbing run, minimum 1-inch deep tool joints not to exceed every 10 LF of curbing run. Concrete to be minimum 3,500 psi. Back-fill topsoil behind new curb and tamp.

Concrete Sidewalk

Concrete sidewalk to be a minimum of 4-inches thick and reinforced with light welded wire mesh. Place 1/2-inch fiber expansion joints were new concrete abuts existing. Expansion joints shall be placed at sidewalk intersections, at back-side of curbing and not exceed every 50 LF of sidewalk run. Minimum 1-inch deep tool joints to be placed on center and not to exceed the width of the sidewalk. Sidewalks wider than 8'-0" to have longitudinal tool joint at mid-point in width. Concrete to be minimum 3,500 psi. Back-fill topsoil behind new sidewalk and tamp.

Concrete Pavement

Concrete pavement to be a minimum of 6-inches thick and reinforced with heavy welded wire mesh. Place 1/2-inch fiber expansion joints were new concrete abuts existing. Dowel new concrete pavement to existing with #4 rebar not less than every 18-inches on center or per plans. Expansion joints shall not exceed every sixty feet (60') square. Apply cure and seal. As soon as feasible, saw-cut minimum 2-inch deep control joints not to exceed fifteen feet (15') square. Concrete to be minimum 4,000 psi. Do not permit vehicular traffic on concrete pavement until it has sufficiently cured.

HMA Mix Design

HMA mix design to be Type 3R. Asphalt wearing surface minimum density should be 92%. Placement of coarse graded surface mix is not allowed. Contractor is responsible to provide Hot Mix Asphalt surface mix design approved for intended use by the MoDOT Specifications. The asphalt surface should be placed per MoDOT Standard Specifications for temperature, jointing and compaction. Contractor shall provide material tickets verifying approved HMA mix delivery.

HMA Installation

Shall be performed in accordance with, and conform to, the most current version of applicable MoDOT Standard Specifications.

Examine the existing base materials to verify that conditions are satisfactory to receive the new paving system. 95% standard compaction must be achieved. Where feasible, proof-roll base materials using heavy, pneumatic-tired rollers to locate areas that may be unstable or that require further compaction. Before proceeding with any installation, notify Park Hill School District of any soil or base areas that are unsuitable to properly support new paving. Install tack coat.

New asphalt surface course shall be a minimum of two inches (2") thick after compaction. Average Density to be 92 percent, but not less than 90 percent nor greater than 96 percent. Compact areas inaccessible to roller equipment thoroughly, using tamper or other satisfactory method.

Contractor is responsible to provide photographic record that HMA temperature requirements are met, including; minimum surface temperature, HMA placing minimum temperature and HMA compaction completion minimum temperature. Complete compaction before mix temperature cools to 185*F. Contractor will be fully responsible for replacement of and re-application of materials at its cost should photographic record not be provided.

After final rolling, do not permit vehicular traffic on pavement until it has cooled enough not to become marked.

Crack-sealing

Route out all suitable, straight-line cracking in asphalt pavement 1/4-inch wide or greater to form a reservoir for hot applied crack sealant. Thoroughly clean route reservoir with compressed air or other satisfactory method to remove any dust or debris. Seal cracks with Crafco Parking Lot Sealant (or approved equal) per manufacturer's application specifications. Fill cracking as close to flush as possible; a thin squeegeed band-aid is acceptable.

Seal-coating

Mechanically remove existing thermoplastic traffic markings. Remove oil and grease spots by scrubbing and flushing with water until clean. Clean asphalt surface of all loose dust, dirt, leaves, and any other foreign materials by contractor preferred method. Seal-coat material to be high quality, polymer modified coal-tar emulsion. Machine apply two (2) layers of seal-coating. First application to be by self-propelled squeegee machine.

Second application to be spray applied. Do not permit vehicular traffic on pavement until sealer has cured enough not to become marked.

Painted Pavement Markings

Where feasible, allow new surfacing to cure for two to four weeks prior to new painting. New pavement markings to match existing in type. Existing thermoplastic markings to be re-applied to match. Existing acrylic paint to be re-applied to match. Application with brush or roller is not allowed. Mark the International Handicapped Symbol at indicated parking spaces using a suitable template and pneumatic sprayer. Apply uniformly painted markings of color(s), lengths and widths to match existing with sharp edges and ends.

Measurements

Contractor will be responsible for taking accurate measurements of all areas.

Package #1

Park Hill High School

7701 NW Barry Rd. Kansas City, MO 64153

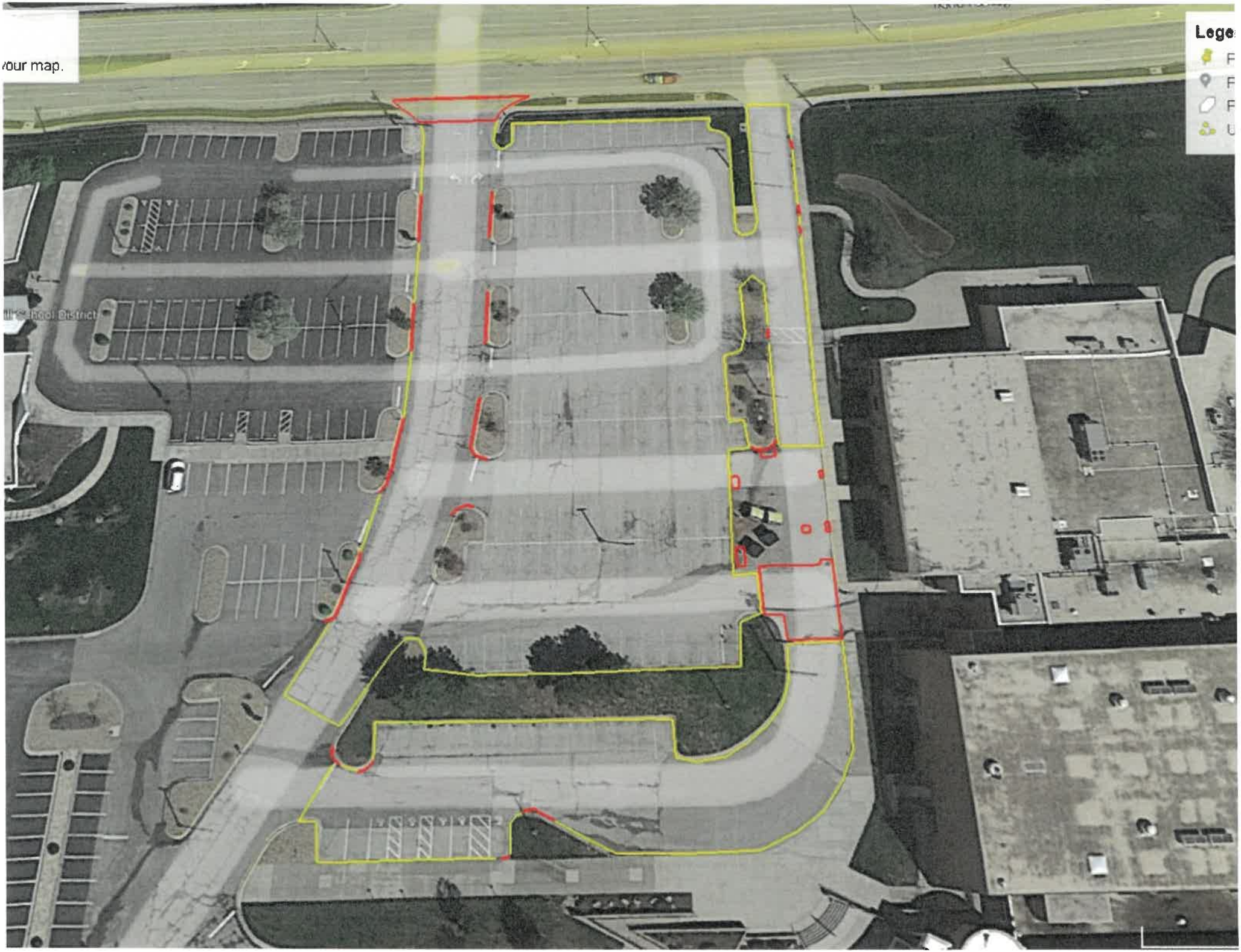
- Resurface the pavement in the yellow outlined area with 2"HMA mill and pave.
  -Approximately 7,532 SY

- Include an allowance of **700 SY of 6" base replacement** for any areas we determine needed after the 2"mill.

- Replace curb and gutter in the red outlined areas to match existing.

  -Approximately 307 linear ft

- In the Red outlined areas cut out remove and replace concrete to match existing with min depth of 6". **Approximately 256 SY of concrete**
  A- The large area south of the dumpsters.
  23'x35'
  21.5'x16'
  7'x5'
  B- The three small areas east of the dumpsters
  2'x6'
  2'x6'
  2'x6'
  C- The area west of the dumpsters
  5'x12'
  D- The area in the drive lane just north of dumpsters
  4'x8'
  E- The area just south of the island north of the dumpsters
  4'x8'
  F- The main entrance off Barry Rd.
  106.5 SY
- This needs to be phased to allow at least one lane of traffic to flow on the main drive. This would require flaggers as well as barricades and signage.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Package 2

Gerner Early Childhood

8100 N. Congress Ave. Kansas City, MO 64152

- Resurface the pavement in the yellow outlined area with 2"HMA mill and pave.
  -Approximately 11,736 SY

- Include an allowance of **1000 SY of 6" base replacement** for any areas we determine needed after the 2"mill.

- Replace curb and gutter in the red outlined areas to match existing.

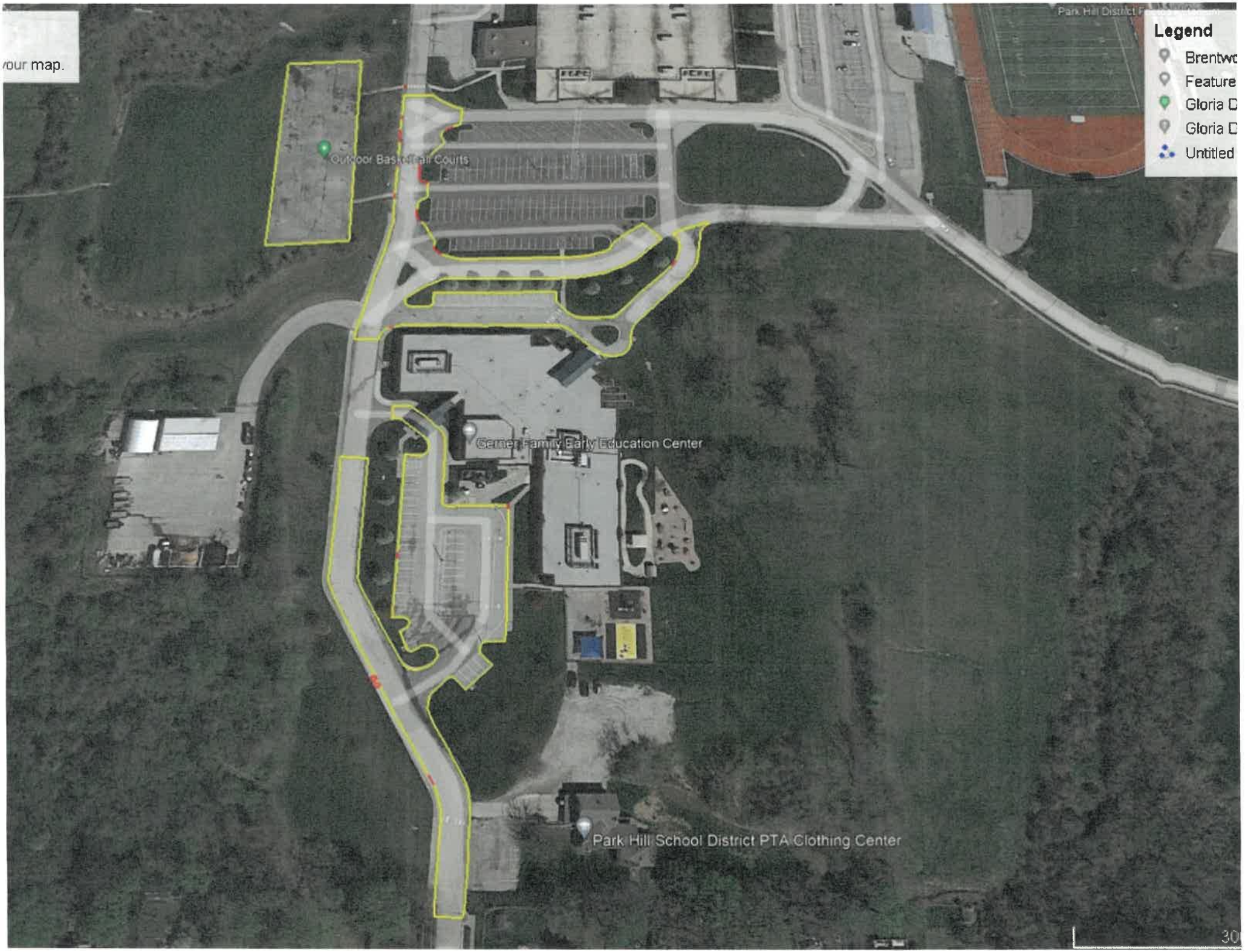
  -Approximately 162 linear ft

- Replace **approximately 79 SY of** concrete sidewalk at a minimum of 4" depth. Nothing around back in fenced in area.
  A. Remove concrete forms and backfill with topsoil

- This needs to be phased to allow at least one lane of traffic to flow on the main drive. This would require flaggers as well as barricades and signage.

- Create a **separate bid** to remove old caulking and apply new caulking where in need of replacement.

  Approximately 500 linear ft
  Price per linear foot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Outdoor Basketball Courts
Gerner Family Early Education Center
Park Hill School District PTA Clothing Center
30

Package 3

Union Chapel Elementary

7100 NW Hampton Rd. Kansas City, MO 64152

- Resurface the pavement in the yellow outlined area with 2"HMA mill and pave.
  -Approximately 4,718 SY

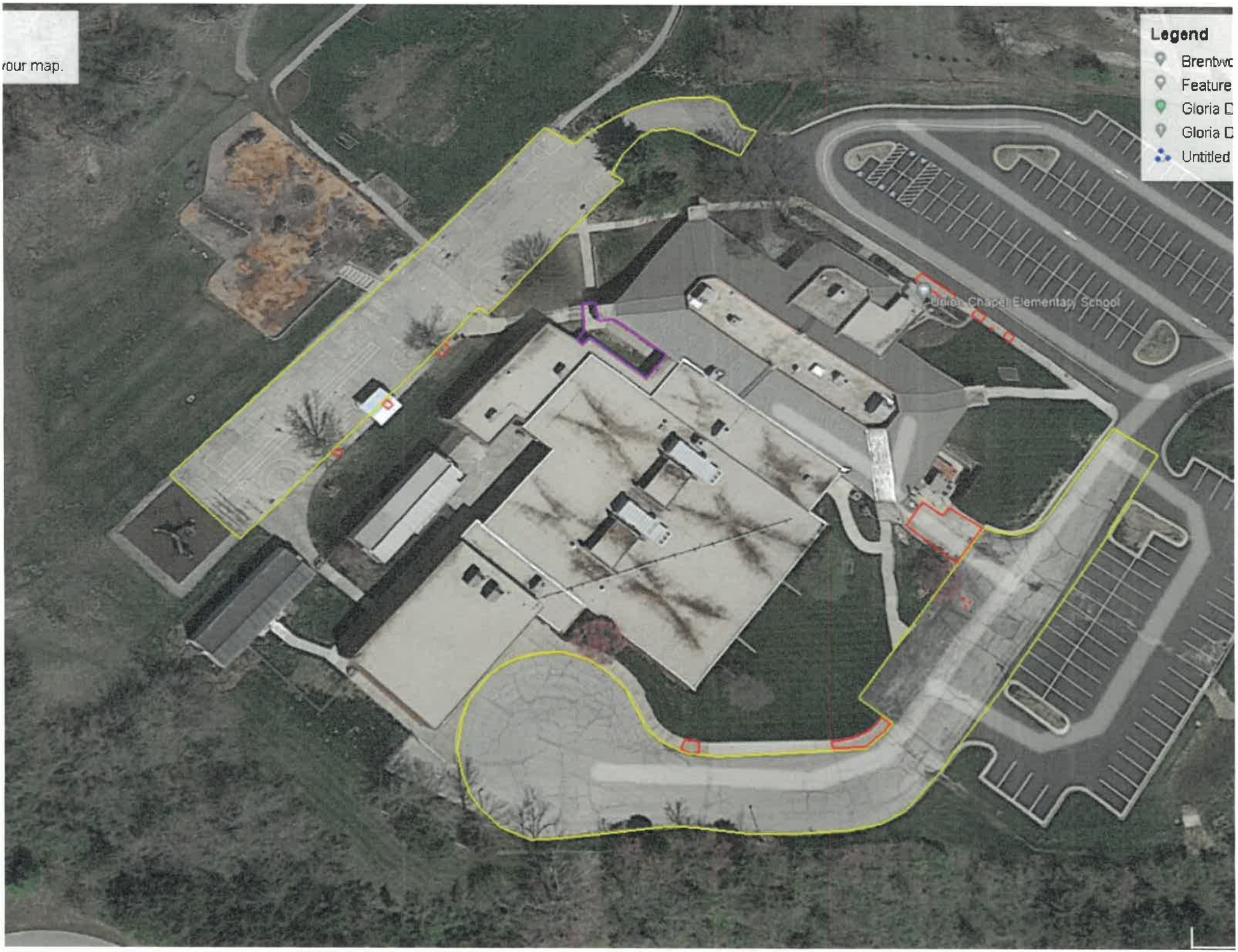
- Include an allowance of **500 SY of 6" base replacement** for any areas we determine needed after the 2"mill.

- In the Red outlined areas cut out remove and replace concrete to match existing with min depth of 4" for sidewalks and 6" for drives. **Approximately 218 SY of concrete**
  A- The front entrance sidewalks min 4" depth
  1'x1'
  32.5'x8' make this a no curb entrance
  7'x6'
  7'x6'
  1'x1'
  B- Dumpster area min 6" depth
  32'x20.5'
  21'x23'
  2.5'x2'
  1'x1.5'
  1'x2'
  C- Sidewalk headed up to roundabout
  34.5'x6.5' No curb entry. Min 6" depth
  10'x6.5' Min 4" depth
  D- Playground Sidewalk min 4" depth
  6.5'x6.5'
  6.5'x6.5'
  6.5'x6.5'
  6.5'x6.5'
  3'x3'

Package 3

- In the Purple area **create two separate bids**
  A- The first bid will be to cut out remove and replace concrete to match existing with a min depth of 4". This would require moving the hand rail and putting existing hand rail back in place. This area is not easily accessible. **Approximately 25 SY of concrete**
  19'x6'
  9'x8'
  6'x6'
  1'x1'
  B- The second bid would be installing concrete in the grass surface areas at a min of 4" depth. This area are not easily accessible. **Approximately 67 SY of concrete**
  37'x12'
  37'x2'
  13'x12.5'/2

- **See attached Kaw Valley Drawings** to remove and replace culvert at the school entrance. This is the only entrance to the school even though it will be during the summer you will need to minimize this entrance being closed and will need to communicate with the district as when we are able to close the entrance.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Union Chapel Elementary School

UNION CHAPEL ELEMENTARY SCHOOL

DRIVEWAY IMPROVEMENT PLANS
PLATTE COUNTY, MISSOURI

OWNER/DEVELOPER:
PARK HILL SCHOOL DISTRICT
9501 N SEYMOUR AVNUE
KANSAS CITY, MO 64153
CONTACT: JOE HAGG
PHONE: 816-885-5859
EMAIL: haggb@parkhillk12.mo.us

ENGINEER:
KAW VALLEY ENGINEERING, INC.
14700 W 114TH TERRACE
LENEXA, KS 66215
CONTACT: DAVID WOOD
PHONE: 913-894-5150
EMAIL: wood@kveng.com

CONSTRUCTION NOTES:

1. THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF THE MISSOURI DEPARTMENT OF TRANSPORTATION.
2. PAVEMENT SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF THE MISSOURI DEPARTMENT OF TRANSPORTATION.
3. CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS, COORDINATES, AND ELEVATIONS BEFORE PROCEEDING WITH NEW WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES IMMEDIATELY. NO NEW CONSTRUCTION SHALL BE PERFORMED BY "SCALING" FROM THE PLANS.
4. THE UTILITIES AS SHOWN ON THIS DRAWING WERE DEVELOPED FROM THE INFORMATION AVAILABLE. THIS IS NOT IMPLIED NOR INTENDED TO BE THE COMPLETE INVENTORY OF THE UTILITIES IN THIS AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE. CONTRACTOR SHALL CALL 1-800-DIG-RITE PRIOR TO PROJECT EXCAVATION. CONTRACTOR SHALL CONTACT CHRISTOPHER WEIKEL AT (816) 356-4748, CHRISTOPHER DEVINE AT (816) 467-7926, SCOTT BRELSFORD AT (816) 356-4748 FOR UTILITY LOCATES WITHIN MODOT RIGHTS-OF-WAY.
5. CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED BY THE RESPECTIVE UTILITY OWNERS PRIOR TO ANY ON-SITE EXCAVATION. KEY LOCATIONS AS NOTED SHALL BE LOCATED VERTICALLY BY UTILITY OWNERS AND/OR UTILITY OWNER SHALL BE PRESENT ON-SITE FOR LOCATION PRIOR TO EXCAVATION. CONTRACTOR SHALL COORDINATE ANY UTILITY CONFLICTS WITH RESPECTIVE UTILITY COMPANY, THE CONSTRUCTION MANAGER, AND THE ENGINEER. REQUIRED RELOCATES WILL BE PAID BY THE CONTRACTOR. UNLESS NOTED OTHERWISE.
6. CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROL SIGNING, BARRELS, AND BARRICADES AS RECOMMENDED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, OR AS OTHERWISE DIRECTED BY THE MISSOURI DEPARTMENT OF TRANSPORTATION THROUGHOUT THE DURATION OF CONSTRUCTION.
7. A TRAFFIC CONTROL PLAN HAS BEEN PREPARED AS PART OF THIS PERMIT SET. CONTRACTOR DEVIATIONS FROM THE PLAN REQUIRES APPROVAL FROM THE MISSOURI DEPARTMENT OF TRANSPORTATION. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO BEGINNING ANY OF THE WORK COVERED BY THESE PLANS.
8. CONSTRUCTION IMPROVEMENTS SHOWN OR IMPLIED BY THIS SET OF DRAWINGS SHALL NOT BE INITIATED IN ANY PART THEREOF UNTIL MISSOURI DEPARTMENT OF TRANSPORTATION HAS APPROVED THE DRAWINGS, ISSUED THE PERMIT AND HELD THE REQUIRED PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR.
9. DURING THE PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE MISSOURI DEPARTMENT OF TRANSPORTATION, THE CONTRACTOR IS RESPONSIBLE FOR MAKING ANY NECESSARY REPAIRS ARISING OUT OF DEFECTIVE WORKMANSHIP OR MATERIALS. THIS INCLUDES, BUT IS NOT LIMITED TO, TRENCH SETTLEMENT OF STORM SEWERS, WATER LINES, AND SANITARY SEWER LINES CONSTRUCTED AS PART OF THIS PROJECT. THE CONTRACTOR SHALL CONDUCT AN INSPECTION OF THIS PROJECT 11 MONTHS AFTER THE PROJECT HAS BEEN ACCEPTED BY THE MISSOURI DEPARTMENT OF TRANSPORTATION TO DETERMINE WHAT REPAIRS NEED TO BE MADE.
10. DEVELOPMENT PLANS ARE APPROVED INITIALLY FOR ONE YEAR AFTER WHICH THEY AUTOMATICALLY BECOME VOID AND MUST BE UPDATED AND RE-APPROVED BY THE MISSOURI DEPARTMENT OF TRANSPORTATION BEFORE ANY CONSTRUCTION WILL BE PERMITTED.
11. CONTRACTOR SHALL HAVE ONE SIGNED COPY OF THE PLANS APPROVED BY THE MISSOURI DEPARTMENT OF TRANSPORTATION AND ONE COPY OF THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES.
12. CONTRACTOR SHALL NOT BE ALLOWED TO WORK ON SUNDAYS. HOLIDAYS OR SATURDAY WORK SHALL BE AS APPROVED BY THE MISSOURI DEPARTMENT OF TRANSPORTATION AND THE CONSTRUCTION MANAGER.
13. CONTRACTOR SHALL GIVE NOTICE TO THE CITY, POLICE, AND UTILITY DEPARTMENTS 48 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION WORK ON ANY EXISTING STREET. NO EXCAVATION SHALL BE LEFT UNATTENDED AND UNPROTECTED.
14. CONTRACTOR SHALL NOT REMOVE ANY TREE OR FENCE UNLESS OTHERWISE MARKED FOR REMOVAL ON THE PLANS WITHOUT PRIOR APPROVAL.
15. "CLEARING AND GRUBBING" SHALL INCLUDE CLEARING OF TREES, STUMPS, BRUSH, FENCES, POSTS, MAILBOXES, SIGNS, EXISTING ASPHALT & CONCRETE, AND OTHER EXISTING SURFACE FEATURES AS NECESSARY BY THE CONTRACTOR TO PERFORM THE WORK AS SHOWN ON THE PLANS.
16. CONTRACTOR SHALL PROMPTLY REPLACE ANY EXISTING FEATURES REMOVED, INCLUDING MAILBOXES, FENCES, POSTS, SIGNS, ETC. UPON COMPLETION OF CONSTRUCTION. THIS WORK SHALL BE SUBSIDIARY TO "CLEARING AND GRUBBING."
17. ALL DEBRIS, INCLUDING EXCESS ROCK, LARGE CONCRETE DEBRIS, SHALL BE DISPOSED OF BY THE CONTRACTOR OFF SITE IN ACCORDANCE WITH CURRENT MISSOURI DEPARTMENT OF TRANSPORTATION REGULATIONS. DISPOSAL OF DEBRIS SHALL BE SUBSIDIARY TO "CLEARING AND GRUBBING"
18. CONTRACTOR SHALL COMPLY WITH LOCAL AND STATE CODES IN OBSERVING SOIL EROSION CONTROL MEASURES DURING AND AFTER CONSTRUCTION ON AND OFF-SITE. EROSION CONTROL DEVICES SHALL BE IN PLACE PRIOR TO ANY EXCAVATION.
19. UNLESS NOTED OTHERWISE, ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE FERTILIZED, SEEDED, AND MULCHED BY THE CONTRACTOR IN ACCORDANCE WITH THE MISSOURI DEPARTMENT OF TRANSPORTATION, LATEST STANDARDS AND SPECIFICATIONS. REFERENCE MODOT SPECIFICATIONS 801, 802, 804 AND 805. ROADSIDE DITCH SHALL BE SECURED WITH CLASS 1, TYPE A TURF REINFORCEMENT MAT (MODOT SPEC. 809.90).
20. WHERE PIPE IS TO BE INSTALLED IN AREAS OF FILL, SOIL SHALL BE COMPACTED TO 90% OF STANDARD PROCTOR TO A MINIMUM OF 18" ABOVE THE TOP OF THE PIPE PRIOR TO EXCAVATION OF TRENCH.
21. NO STONES GREATER THAN 1 FOOT ALONG THE LONGEST AXIS WILL BE ALLOWED IN TRENCH BACKFILL.
22. ALL REQUIRED ADDITIONAL RIGHT OF WAY AND/OR EASEMENTS SHALL BE FURNISHED BY THE OWNER.
23. THE CONTRACTOR SHALL MAINTAIN DRAINAGE DURING CONSTRUCTION AND IS RESPONSIBLE FOR ANY DEWATERING NECESSARY FOR CONSTRUCTION. DEWATERING SHALL BE SUBSIDIARY TO OTHER BID ITEMS.
24. CONTRACTOR TO CALL DAVID OLSON, 24 HOURS PRIOR TO STARTING WORK, POURING CURBS, PAVING AND FOR FINAL INSPECTION PRIOR TO LEAVING JOB SITE.
25. CONTRACTOR SHALL COORDINATE POWER, COMMUNICATION AND WATER RELOCATION AS APPLICABLE WITH LOCAL PROVIDERS.
26. SURVEY PROVIDED IS FROM KVE PROJECT NO. C14D8028, DATED DECEMBER 10, 2014. CONTRACTOR SHALL COMPLETE FIELD VERIFICATION PRIOR TO BIDDING. KVE DOES NOT WARRANTY ACCURACY OF UTILITIES OR CURB ELEVATIONS.

DESIGN DESIGNATION:
DESIGN SPEED (V) = 45 MPH
(35 MPH (SCHOOL ZONE))

SHEET LIST:

C000	TITLE SHEET
C100	DEMOLITION PLAN
C200	SITE AND DIMENSION PLAN
C300	GRADING PLAN
C400	TRAFFIC CONTROL PLAN

LEGEND:

SECTION CORNER	UNDERGROUND TELEPHONE
1/2"x24" REBAR W/CLS 20 CAP SET (UNLESS NOTED OTHERWISE)	GAS LINE SIGN
CONTROL POINT	UNDERGROUND GAS
BENCHMARK	EXISTING SPOT ELEVATION
STORM SEWER MANHOLE	TOP OF CURB ELEVATION
SANITARY SEWER MANHOLE	FL OF CURB ELEVATION
SANITARY SEWER LINE	EXISTING GRADE 1' CONTOUR
CMP CORRUGATED METAL PIPE	EXISTING GRADE 5' CONTOUR
PVC POLYVINYL CHLORIDE PIPE	HRMP HANDICAP RAMP
FIRE HYDRANT	GATE POST
WATER LINE	CHAIN LINK FENCE
WATER METER	DECIDUOUS TREE
WATER LINE GATE VALVE	CONIFEROUS TREE
LIGHT POLE	BUSH
TELEPHONE LINE SIGN	TREE LINE
TELEPHONE PEDESTAL	SIGN

HORIZONTAL AND VERTICAL DATUM
THE COORDINATES SHOWN HEREON ARE STATE PLANE COORDINATES BASED ON THE MISSOURI STATE PLANE-WEST ZONE. (NAD 83/2011)(NAVD 88)
CAF=0.999904666

PL-01 (PID165001):
STANDARD K.C. METRO CRS 30" PIPE ALUMINUM MARKERS STAMPED "PL-01 1987" IN CONCRETE.
NORTHING: 1124437.947
EASTING: 2719118.224
ELEV = 962.925

PL-15 (PID165015):
STANDARD K.C. METRO CRS 30" PIPE ALUMINUM MARKERS STAMPED "PL-15 1988 IN CONCRETE.
NORTHING: 1120300.491
EASTING: 2727808.708
ELEV = 967.189

PL-28 (PID165028):
STANDARD MO DNR CRS ALUMINUM DISK STAMPED "PL-28 1999" IN CONCRETE.
NORTHING: 1111865.459
EASTING: 2722595.569
ELEV = 986.875

PROJECT CONTROL:
CP #200
1/2" REBAR W/"CONTROL POINT" CAP
NORTHING: 1113562.047
EASTING: 2722639.032
ELEV = 955.288

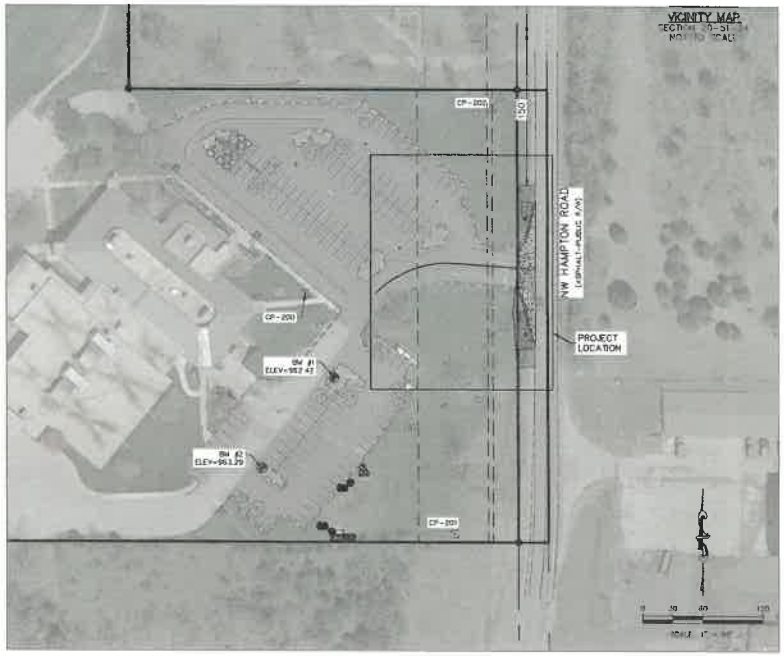
CP #201
1/2" REBAR W/"CONTROL POINT" CAP
NORTHING: 1113215.699
EASTING: 2722525.287
ELEV = 951.230

CP #202
1/2" REBAR W/"CONTROL POINT" CAP
NORTHING: 1113746.631
EASTING: 2722822.924
ELEV = 953.618

PROJECT BENCHMARKS:
BM #1:
SQUARE CUT IN LIGHT POLE BASE.
ELEV=984.62

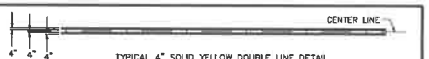
BM #2:
SQUARE CUT IN LIGHT POLE BASE.
ELEV=984.62

Know what's **below.**
Call before you dig.



PAVEMENT MARKING NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
2. ALL TURN ARROWS AND LEGENDS SHALL BE CENTERED IN THEIR RESPECTIVE TRAFFIC LANES.
3. ALL WORDS AND SYMBOLS SHALL CONFORM TO THE LATEST EDITION OF "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" PRINTED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.
4. PAVEMENT MARKINGS, EITHER TEMPORARY OR PERMANENT, ARE REQUIRED AT ALL TIMES IF THE ROADWAY IS OPEN TO TRAFFIC. (SEE SPECIFICATIONS)
5. ALL MARKINGS THAT CONFLICT WITH THE DESIRED MARKINGS SHALL BE COMPLETELY REMOVED. (SEE SPECIFICATIONS)
6. ALL MATERIAL, INCLUDING SYMBOLS, INSTALLED IN STATE RIGHT-OF-WAY SHALL BE MATERIALS PER MISSOURI DEPARTMENT OF TRANSPORTATION. HOLLYDAY DRIVE PAVEMENT MARKINGS: PAVEMENT MARKINGS AND SYMBOLS OUTSIDE OF STATE RIGHT-OF-WAY MAY BE MARKED WITH TRAFFIC MARKING PAINT.
7. NEW MATERIAL SHALL BE PROTECTED FROM TRACKING OF TACK OIL UNTIL ALL PAVING IS COMPLETE.
8. ALL MARKINGS RUNNING PARALLEL WITH SEAMS IN ASPHALT SHALL BE OFFSET AS FAR AS POSSIBLE FROM THE SEAM.
9. ALL MATERIAL INSTALLED ON EXISTING ASPHALT SHALL BE GROOVED TO A DEPTH TO LEAVE BETWEEN 20 AND 35 MILS OF MATERIAL ABOVE SURFACE. GROOVE SHALL BE A MAXIMUM OF 1/2" WIDER THAN MATERIAL BEING INSTALLED. SHAPE AND SIZE OF GROOVES FOR SYMBOLS SHALL BE APPROVED PRIOR TO INSTALLATION.
10. MISSOURI DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED A MINIMUM OF 24 HOURS IN ADVANCE OF ANY MARKINGS BEING DONE.



TYPICAL 4" SOLID YELLOW DOUBLE LINE DETAIL
STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS.

EDGE AND LANE LINES SHALL BE 4" WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT WITH TYPE P BEADS.

PAVEMENT MARKING DETAILS
N.T.S

REFER TO MODOT STANDARD SPECIFICATION SECTION 620.20.

ROADWAY (NW HAMPTON ROAD/ROUTE K):
MISSOURI DEPARTMENT OF TRANSPORTATION
600 NE COLBERN ROAD
LEE'S SUMMIT, MO 64086
CONTACT: DAVID OLSON
PHONE: (816)607-2190 or (816)365-8858
EMAIL: david.olson@modot.mo.gov

REVIEWED BY:
MISSOURI DEPARTMENT OF TRANSPORTATION

REPRESENTATIVE _____ DATE _____

ENGINEER _____ DATE _____

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	12.19.22	PERMIT SUBMITTAL/CLIENT REVIEW	DDW	NJN	

STATE OF MISSOURI — DAVID D WOOD — NUMBER PE-2011037427 — PROFESSIONAL ENGINEER

DAVID D. WOOD
ENGINEER
MO # 2011037427

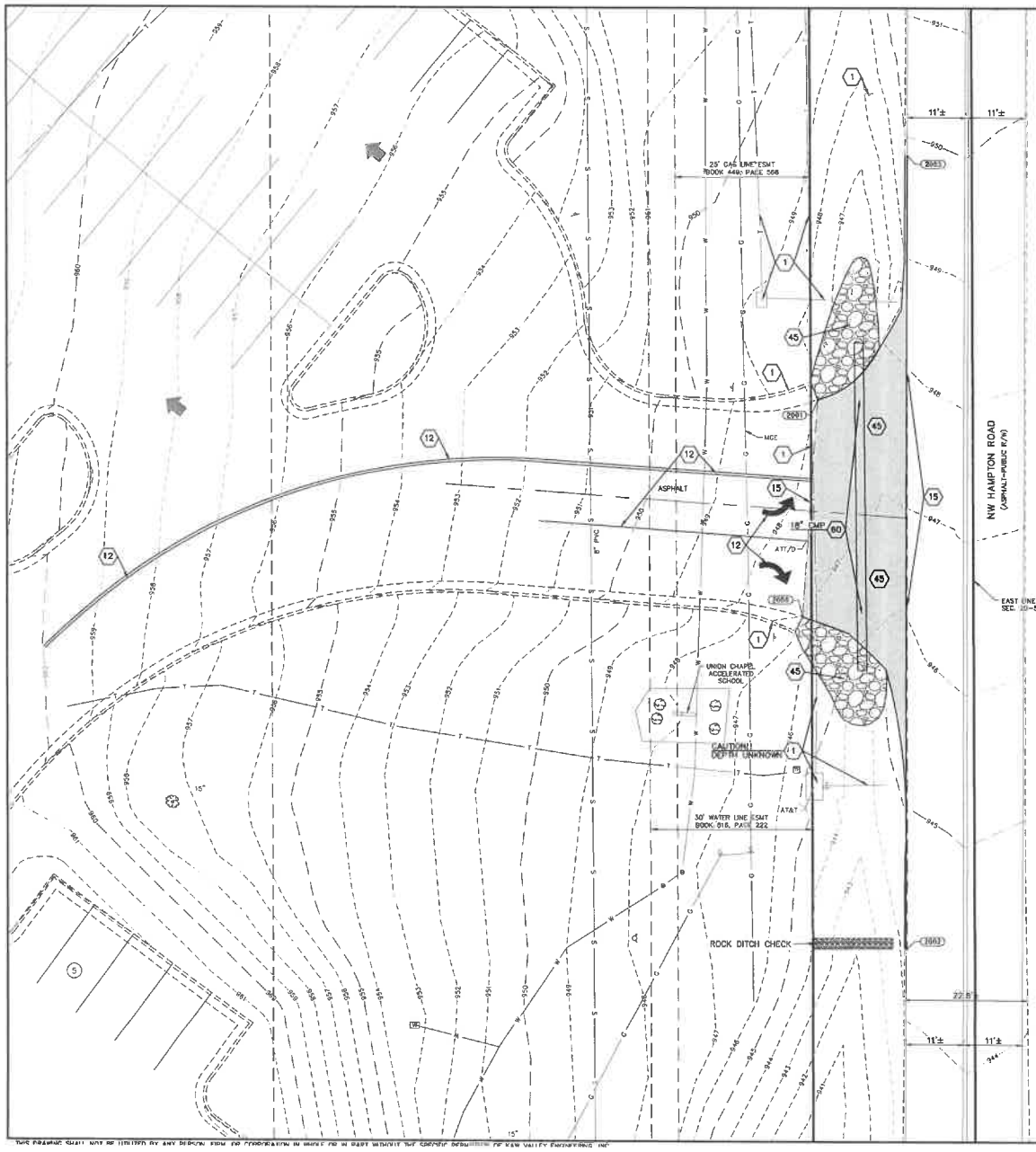
KAW VALLEY ENGINEERING
14700 WEST 114TH TERRACE, LENEXA, KANSAS 66215
PH: (913) 894-5150 | FAX (913) 894-5877
info@kveng.com | www.kveng.com
KAW VALLEY ENGINEERING, INC. IS AUTHORIZED TO OFFER ENGINEERING SERVICES BY MISSOURI STATE CERTIFICATE OF AUTHORITY # 000842.
EXPIRES 12/31/23

UNION CHAPEL ELEMENTARY
7100 NW HAMPTON ROAD
KANSAS CITY, MO 64152

DRIVEWAY PLANS
TITLE SHEET

PROJ. NO. C22_1246
DESIGNER DDW
DRAWN BY NJN
CFN 1246TS
SHEET C000
REV 0

THIS DRAWING SHALL NOT BE REPRODUCED BY ANY PERSON, FIRM OR CORPORATION IN WHOLE OR IN PART WITHOUT THE SPECIFIC PERMISSION OF KAW VALLEY ENGINEERING, INC.



THIS DRAWING SHALL NOT BE UTILIZED BY ANY PERSON, FIRM OR CORPORATION IN WHOLE OR IN PART WITHOUT THE EXPRESS PERMISSION OF KAW VALLEY ENGINEERING, INC.

LEGEND:

- SECTION CORNER
- 1/2"x24" REBAR W/OLS 20 CAP SET (UNLESS NOTED OTHERWISE)
- CONTROL POINT
- BENCHMARK
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- SANITARY SEWER LINE
- CMP CORRUGATED METAL PIPE
- PVC POLYVINYL CHLORIDE PIPE
- FIRE HYDRANT
- WATER LINE
- WATER METER
- WATER LINE GATE VALVE
- LIGHT POLE
- TELEPHONE LINE SIGN
- TELEPHONE PEDESTAL
- UNDERGROUND TELEPHONE
- GAS LINE SIGN
- UNDERGROUND GAS
- HRMP HANDICAP RAMP
- HANDICAP SYMBOL
- (3) PARKING STALL COUNT
- GATE POST
- CHAIN LINK FENCE
- DECIDUOUS TREE
- CONIFEROUS TREE
- BUSH
- TREE LINE
- SIGN
- 1058 EXISTING GRADE 1' CONTOUR
- 1060 EXISTING GRADE 5' CONTOUR
- FULL DEPTH ASPHALT REMOVAL
- ROCK DITCH CHECK OR OUTLET PROTECTION (MODOT SPEC. 806.30.2.1/DETAIL 806.10K)

COORDINATE TABLE			
	NORTHING	EASTING	DESCRIPTION
2000	1113567.85	2722846.83	SAW CUT
2001	1113607.94	2722849.47	SAW CUT
2002	1113506.37	2722865.87	SAW CUT
2003	1113552.98	2722865.26	SAW CUT

DEMOLITION

1	TO REMAIN.
12	CONTRACTOR TO REMOVE CONFLICTING PAVEMENT MARKINGS
15	SAW CUT LINE
40	CONTRACTOR TO REMOVE ASPHALT PAVING AND DISPOSE OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
45	CONTRACTOR TO REMOVE RIP RAP. ROCK MAY BE SALVAGED AND REUSED FOR DITCH LINING.
80	EXISTING CULVERT TO BE REMOVED AND DISPOSED OF OFFSITE.

NOTES:

1. CONTRACTOR TO OBTAIN A TRAFFIC CONTROL PERMIT FOR LANE/SHOULDER CLOSURE FROM MODOT PRIOR TO COMMENCING WORK.
2. CONTRACTOR TO INSTALL EROSION CONTROL MEASURE PRIOR TO DEMOLITION.

SAFETY NOTICE TO CONTRACTOR

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

WARRANTY / DISCLAIMER

THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER KAW VALLEY ENGINEERING, INC NOR ITS PERSONNEL CAN OR DO WARRANTY THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE KAW VALLEY ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

CAUTION – NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.

0 5 10 20
SCALE: 1" = 10'

811 Know what's below. Call before you dig.

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	12-19-23	PERMIT SUBMITTAL / CLIENT REVIEW	DDW	NJN	

STATE OF MISSOURI — DAVID D WOOD — NUMBER PE-2011037427 — PROFESSIONAL ENGINEER

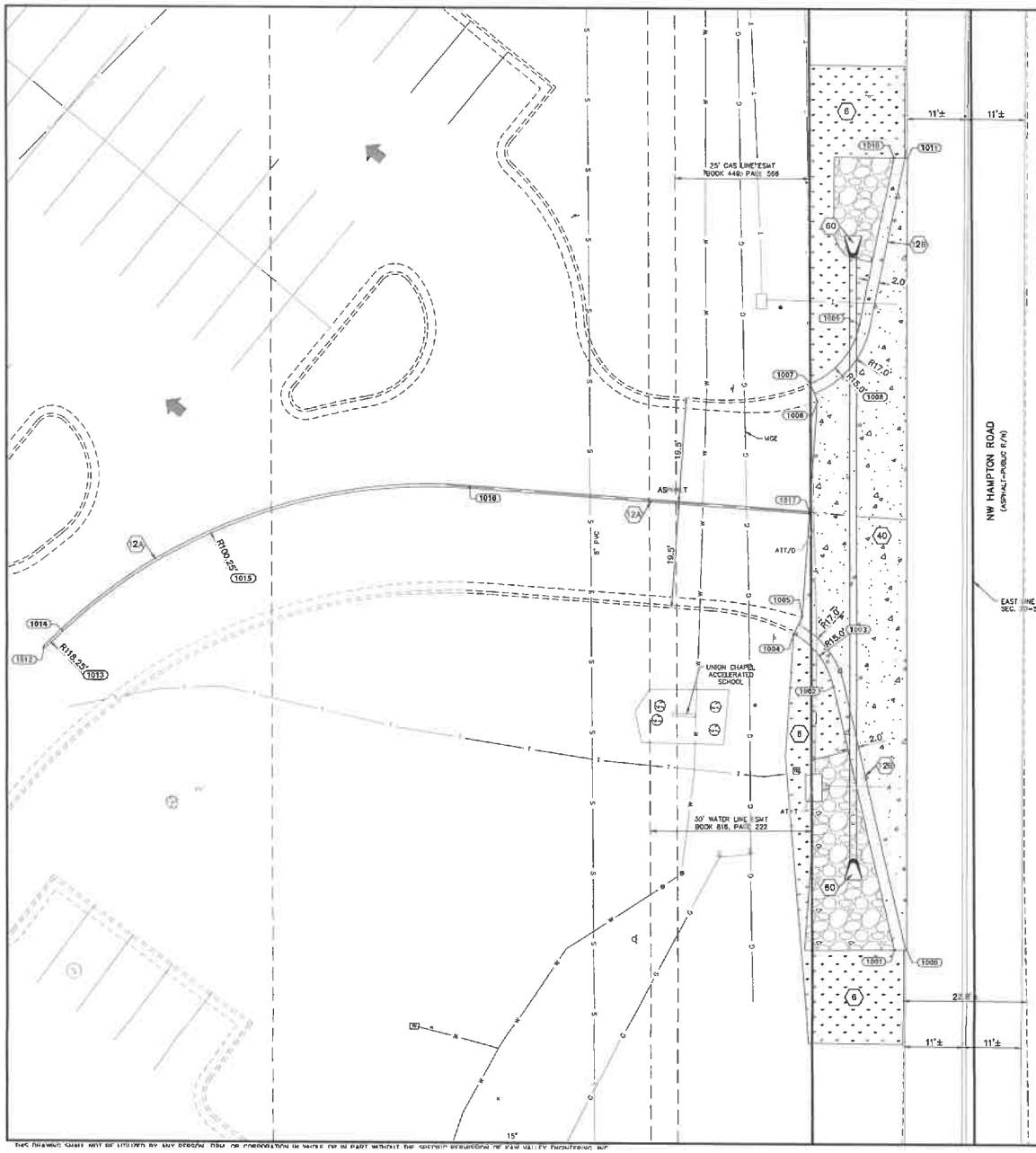
DAVID D. WOOD
ENGINEER
MO # 2011037427

14700 WEST 114TH TERRACE
OLATHE, KANSAS 66061
PH: (913) 894-5150 | FAX (913) 894-5877
kvengineering.com | www.kvengineering.com
KAW VALLEY ENGINEERING
KAW VALLEY ENGINEERING, INC., IS AUTHORIZED TO OFFER ENGINEERING SERVICES BY MISSOURI STATE CERTIFICATE OF AUTHORITY # 000842.
EXPIRES 12/31/23

UNION CHAPEL ELEMENTARY
7100 NW HAMPTON ROAD
KANSAS CITY, MO 64152

DRIVEWAY PLANS
DEMOLITION PLAN

PROJ. NO. C22_1246
DESIGNER DDW
DRAWN BY NJN
CFN 1246DEMO
SHEET C100
REV 0



LEGEND:

- SECTION CORNER
- 1/2"x24" REBAR W/CLS 20 CAP SET (UNLESS NOTED OTHERWISE)
- CONTROL POINT
- BENCHMARK
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- SANITARY SEWER LINE
- CMP CORRUGATED METAL PIPE
- PVC POLYVINYL CHLORIDE PIPE
- FIRE HYDRANT
- WATER LINE
- WATER METER
- WATER LINE GATE VALVE
- LIGHT POLE
- TELEPHONE LINE SIGN
- TELEPHONE PEDESTAL
- UNDERGROUND TELEPHONE
- GAS LINE SIGN
- UNDERGROUND GAS
- HRMP HANDICAP RAMP
- GATE POST
- CHAIN LINK FENCE
- DECIDUOUS TREE
- CONIFEROUS TREE
- BUSH
- TREE LINE
- SIGN
- CONCRETE PAVEMENT
- PROPOSED TURF
- PROPOSED DITCH LINER (MODOT 609.60)

COORDINATE TABLE

NORTHING	EASTING	DESCRIPTION
1113506.37	2722865.87	EC
1113506.37	2722863.84	EC
1113554.85	2722852.40	EC
1113551.58	2722837.79	R15.0
1113564.72	2722845.03	EC
1113567.85	2722848.83	EC
1113607.94	2722849.47	EC
1113611.21	2722848.17	EC
1113625.15	2722842.63	R15.0
1113622.09	2722857.32	EC
1113653.00	2722863.76	EC
1113652.98	2722865.25	EC
1113561.86	2722706.05	STRIPE
1113478.58	2722790.16	R118.25
1113564.68	2722706.44	STRIPE
1113491.73	2722777.69	R100.25
1113591.73	2722764.97	STRIPE
1113587.27	2722848.00	STRIPE

CONSTRUCTION NOTES:

1. ALL DIMENSIONS ARE FROM BACK OF CURB UNLESS NOTED OTHERWISE.
2. ALL WORK SPECIFIED ON PLANS SHALL MEET THE MISSOURI DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, CURRENT EDITION.
3. CONTRACTOR TO PROVIDE TRAFFIC CONTROL FOR DURATION OF CONSTRUCTION.

HORIZONTAL AND VERTICAL DATUM
SEE TITLE SHEET C000.

PROJECT CONTROL:
SEE TITLE SHEET C000.

PROJECT BENCHMARKS:
SEE TITLE SHEET C000.

NOTES:

- 6 DISTURBED AREAS TO BE SEEDED WITH A THREE WAY BLEND OF TALL TURF TYPE FESCUE IN ACCORDANCE WITH CONSTRUCTION NOTE 19 ON SHEET C000. SEEDED AREAS AS ILLUSTRATED ON 300 SERIES SHEETS SHALL BE PROTECTED WITH A CLASS 1, TYPE A EROSION CONTROL BLANKET.
- 12A CENTERLINE, TWO 4" YELLOW STRIPES WITH 4" GAP. (SEE SPECIFICATIONS ON SHEET C000)
- 12B 4" WHITE STRIPE (EDGE LINE) (SEE SPECIFICATIONS ON SHEET C000)
- 40 MODIFIED MODOT TYPE II DRIVEWAY (REFER TO MODOT STANDARD DETAIL 203.62E). SEE SECTION ON SHEET C300.
- 60 PROPOSED CULVERT (SEE SHEET C300)

SAFETY NOTICE TO CONTRACTOR
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WARRANTY / DISCLAIMER
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0 5 10 20
SCALE: 1" = 10'

811 Know what's below. Call before you dig.

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	12/19/23	PERMIT SUBMITTAL-CLIENT REVIEW	DDW	NJK	

STATE OF MISSOURI
DAVID D WOOD
NUMBER PE-2011037427
PROFESSIONAL ENGINEER

DAVID D. WOOD
ENGINEER
MO # 2011037427

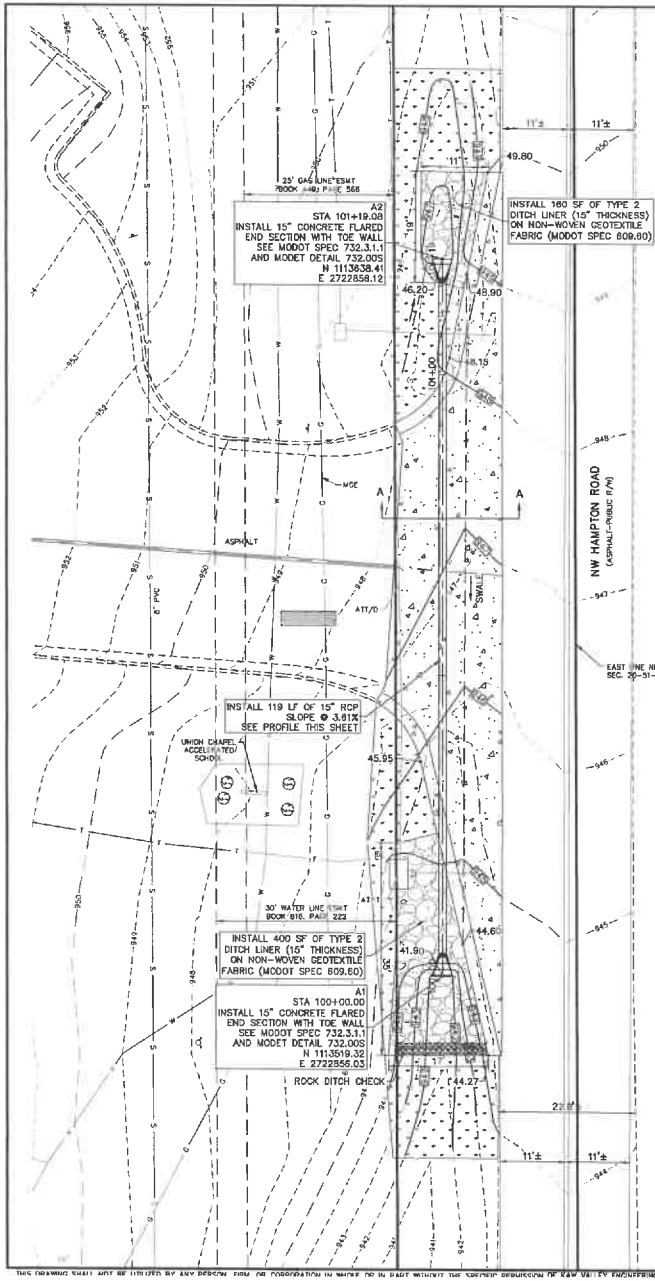
11700 WEST 114TH TERRACE
OVERLAND PARK, KANSAS 66213
PH. (913) 894-5150 | FAX (913) 894-5977
kwengineering.com | www.kwvg.com
KAW VALLEY ENGINEERING
KAW VALLEY ENGINEERING, INC. IS AUTHORIZED TO OFFER ENGINEERING SERVICES BY MISSOURI STATE CERTIFICATE OF AUTHORITY # 000842. EXPIRES 12/31/23

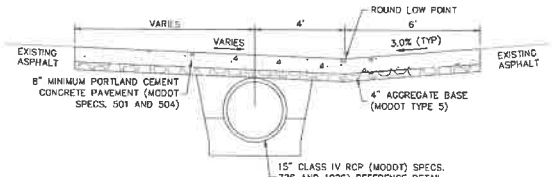
UNION CHAPEL ELEMENTARY
7100 NW HAMPTON ROAD
KANSAS CITY, MO 64152

DRIVEWAY PLANS
SITE AND DIMENSION PLAN

PROJ. NO. C22-1246
DESIGNED DDW
DRAWN BY NJM
CFN 1246GLS
SHEET C200
REV 0

THIS DRAWING SHALL NOT BE UTILIZED BY ANY PERSON, FIRM, OR CORPORATION IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF KAW VALLEY ENGINEERING, INC.





SECTION A–A

LEGEND:

- SECTION CORNER
- 1/2"x24" REBAR W/OLS 20 CAP SET (UNLESS NOTED OTHERWISE)
- CONTROL POINT
- BENCHMARK
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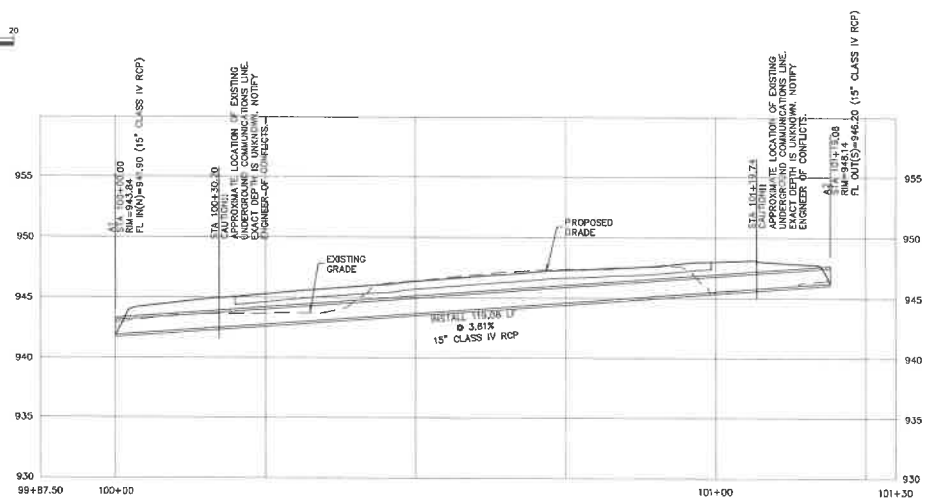
- FIRE HYDRANT
- WATER LINE
- WATER METER
- WATER LINE GATE VALVE
- LIGHT POLE
- TELEPHONE LINE SIGN
- TELEPHONE PEDESTAL
- UNDERGROUND TELEPHONE
- GAS LINE SIGN
- UNDERGROUND GAS
- EXISTING SPOT ELEVATION
- 1020.50 / 1020.00 TOP OF CURB ELEVATION / FL OF CURB ELEVATION
- 939 EXISTING GRADE 1' CONTOUR
- 940 EXISTING GRADE 5' CONTOUR
- HCMP HANDICAP RAMP
- HANDICAP SYMBOL
- 3 PARKING STALL COUNT
- CP GATE POST
- CHAIN LINK FENCE
- DECIDUOUS TREE
- CONIFEROUS TREE
- BUSH
- TREE LINE
- SIGN

EROSION & PROPOSED IMPROVEMENTS LEGEND:

- 907 PROPOSED FINISHED GROUND CONTOUR (1' INTERVALS)
- SWALE CENTERLINE
- ROCK DITCH CHECK OR OUTLET PROTECTION (MODOT SPEC. 806.30.2.1)
- PROPOSED TURF
- PROPOSED DITCH LINER (MODOT 609.60)
- 22.9 SPOT ELEVATION (ADD 900), TOP OF PAVEMENT
- A A ASPHALT EDGE TREATMENT. SEE SECTION ABOVE.

HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE: 1" = 5'



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HORIZONTAL AND VERTICAL DATUM
SEE TITLE SHEET C000.

PROJECT CONTROL:
SEE TITLE SHEET C000.

PROJECT BENCHMARKS:
SEE TITLE SHEET C000.

811 Know what's below. Call before you dig.

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	12/19/22	PERMIT SUBMITTAL, CLIENT REVIEW	DDW	NJN	

STATE OF MISSOURI — DAVID D. WOOD — NUMBER PE-2011037427 — PROFESSIONAL ENGINEER

DAVID D. WOOD
ENGINEER
MO # 2011037427

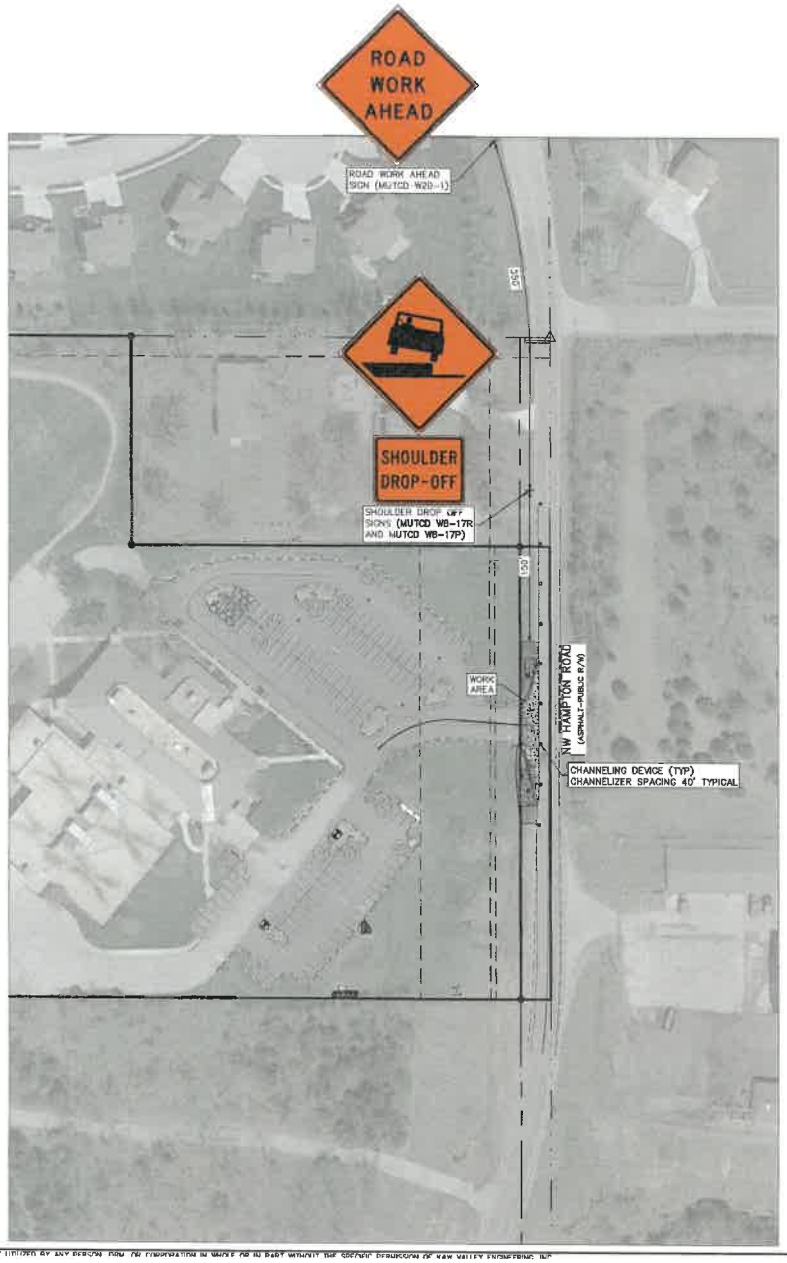
11208 WEST 113TH TERRACE
OVERLAND PARK, KANSAS 66210
PH. (913) 894-5150 | FAX (913) 894-5977
info@kveng.com | www.kveng.com
KAW VALLEY ENGINEERING
KAW VALLEY ENGINEERING, INC. IS AUTHORIZED TO OFFER ENGINEERING SERVICES IN MISSOURI. STATE CERTIFICATE OF AUTHORITY # 000842. EXPIRES 12/31/23

UNION CHAPEL ELEMENTARY
7100 NW HAMPTON ROAD
KANSAS CITY, MO 64152

DRIVEWAY PLANS
GRADING PLAN

PROJ. NO. C22_1248
DESIGNER DDW
DRAWN BY NJN
CFN 1248CF
SHEET C300
REV 0

THIS DRAWING SHALL NOT BE UTILIZED BY ANY PERSON, FIRM, OR CORPORATION IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF KAW VALLEY ENGINEERING, INC.



GENERAL NOTES:

1. INSTALL TEMPORARY TRAFFIC CONTROL FOR SHOULDER WORK AND MINOR TRAVEL WAY ENCROACHMENT. MINIMUM LANE WIDTH OF 10' SHALL BE PROVIDED AT ALL TIMES. COORDINATE INTERMITTENT LANE CLOSURE WITH MODOT AS NEEDED.
2. REFERENCE MODOT ENGINEERING POLICY GUIDE SECTION 616.8.3 (TA-3) FOR SHOULDER WORK ON TWO-LANE HIGHWAYS WITH EDGE LINES.

0 30 60 120
SCALE: 1" = 60'

Know what's **below.**
Call before you dig.

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	12.19.22	PERMIT SUBMITTAL, CLIENT REVIEW	DDW	NJN	

STATE OF MISSOURI
DAVID D WOOD
NUMBER PE-2011037427
PROFESSIONAL ENGINEER

DAVID D. WOOD
ENGINEER
MO # 2011037427

1700 WEST 114TH TERRACE
LENEXA, KANSAS 66215
PH (913) 894-5150 | FAX (913) 894-5977
info@kawvg.com | www.kawvg.com
KAW VALLEY ENGINEERING
KAW VALLEY ENGINEERING, INC. IS AUTHORIZED TO OFFER ENGINEERING SERVICES IN MISSOURI. STATE CERTIFICATE OF AUTHORITY # 2006042. EXPIRES 12/31/23.

UNION CHAPEL ELEMENTARY
7100 NW HAMPTON ROAD
KANSAS CITY, MO 64152

DRIVEWAY PLANS
TRAFFIC CONTROL PLAN

PROJ NO. C22-1246
DESIGNER DDW
DRAWN BY NJN
CPN 1246TS
SHEET C400
REV 0

THIS DRAWING SHALL NOT BE UTILIZED BY ANY PERSON, FIRM, OR CORPORATION IN WHOLE OR IN PART WITHOUT THE SPECIFIC PERMISSION OF KAW VALLEY ENGINEERING, INC.

Package 4

Renner Elementary

7401 NW. Barry Rd. Kansas City, MO 64152

- In the Blue outlined area properly prepare the asphalt surface and apply 2 coats of **Polymer modified coal-tar emulsion sealcoat.**
  Approximately 6,360 SY

- In the Blue outlined area properly prepare suitable asphalt surface cracking ¼" wide or greater and seal with **hot applied rubberized crack sealant.**
  Approximately 2,000 Linear ft

- Re-stripe all pavement markings in the seal coat areas to match existing material, layout, and color.
- Properly Barricade to keep traffic off until all markings are complete.

Chinn Elementary

7100 NW. Chatham Rd. Kansas City, MO 64151

- In the Blue outlined area properly prepare the asphalt surface and apply 2 coats of **Polymer modified coal-tar emulsion sealcoat.**
  Approximately 7,105 SY

- In the Blue outlined area properly prepare suitable asphalt surface cracking ¼" wide or greater and seal with **hot applied rubberized crack sealant.**
  Approximately 2,000 Linear ft

- Re-stripe all pavement markings in the seal coat areas to match existing material, layout, and color.
- Properly Barricade to keep traffic off until all markings are complete.

Package 4

English Landing Elementary

6500 NW Klamm Dr. Kansas City, MO 64151

- In the Blue outlined area properly prepare the asphalt surface and apply 2 coats of **Polymer modified coal-tar emulsion sealcoat.**
  Approximately 3,859 SY

- In the Blue outlined area properly prepare suitable asphalt surface cracking ¼" wide or greater and seal with **hot applied rubberized crack sealant.**
  Approximately 1,000 Linear ft

- Re-stripe all pavement markings in the seal coat areas to match existing material, layout, and color.

- Properly Barricade to keep traffic off until all markings are complete.

Graden Elementary

8804 NW 45 HWY Parkville, MO 64152

- In the Blue outlined area properly prepare the asphalt surface and apply 2 coats of **Polymer modified coal-tar emulsion sealcoat.**
  Approximately 5,414 SY

- In the Blue outlined area properly prepare suitable asphalt surface cracking ¼" wide or greater and seal with **hot applied rubberized crack sealant.**
  Approximately 1,500 Linear ft

- Re-stripe all pavement markings in the seal coat areas to match existing material, layout, and color. You will not have to restripe the US map. There also could be one less tether ball post to mark. Confirm with District before Striping.

- Properly Barricade to keep traffic off until all markings are complete.

Package 4

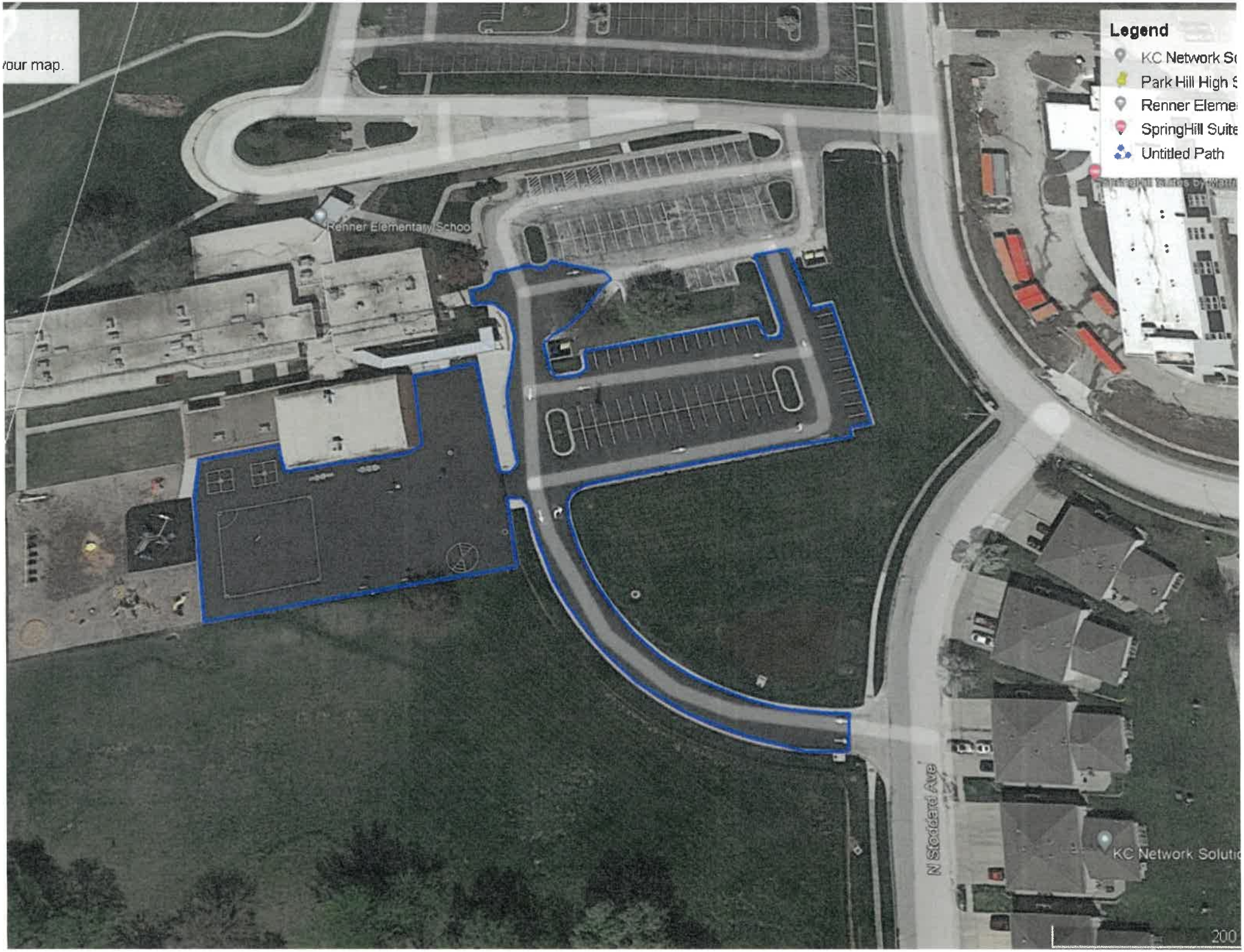
Southeast Elementary
5704 NW Northwood Kansas City, MO 64151

- In the Blue outlined area properly prepare the asphalt surface and apply 2 coats of **Polymer modified coal-tar emulsion sealcoat.**
  Approximately 3,539 SY

- In the Blue outlined area properly prepare suitable asphalt surface cracking ¼" wide or greater and seal with **hot applied rubberized crack sealant.**
  Approximately 1,000 Linear ft

- Re-stripe all pavement markings in the seal coat areas to match existing material, layout, and color.

- Properly Barricade to keep traffic off until all markings are complete.


your map.
Legend
KC Network Sc
Park Hill High S
Renner Eleme
SpringHill Suite
Untitled Path
Renner Elementary Schoo
N Stoddard Ave
KC Network Solutio
200

your map.
Legend
Brentwo
Feature
Gloria D
Gloria D
Untitled
NW 72nd St
NW 72nd St
NW 72nd St
Gloria Dei Lutheran Church
Gloria Dei Community Garden
NW 71st St
NW 71st St
Chinn Elementary
Chatham Rd
Brentwood Manor

your map.
Legend
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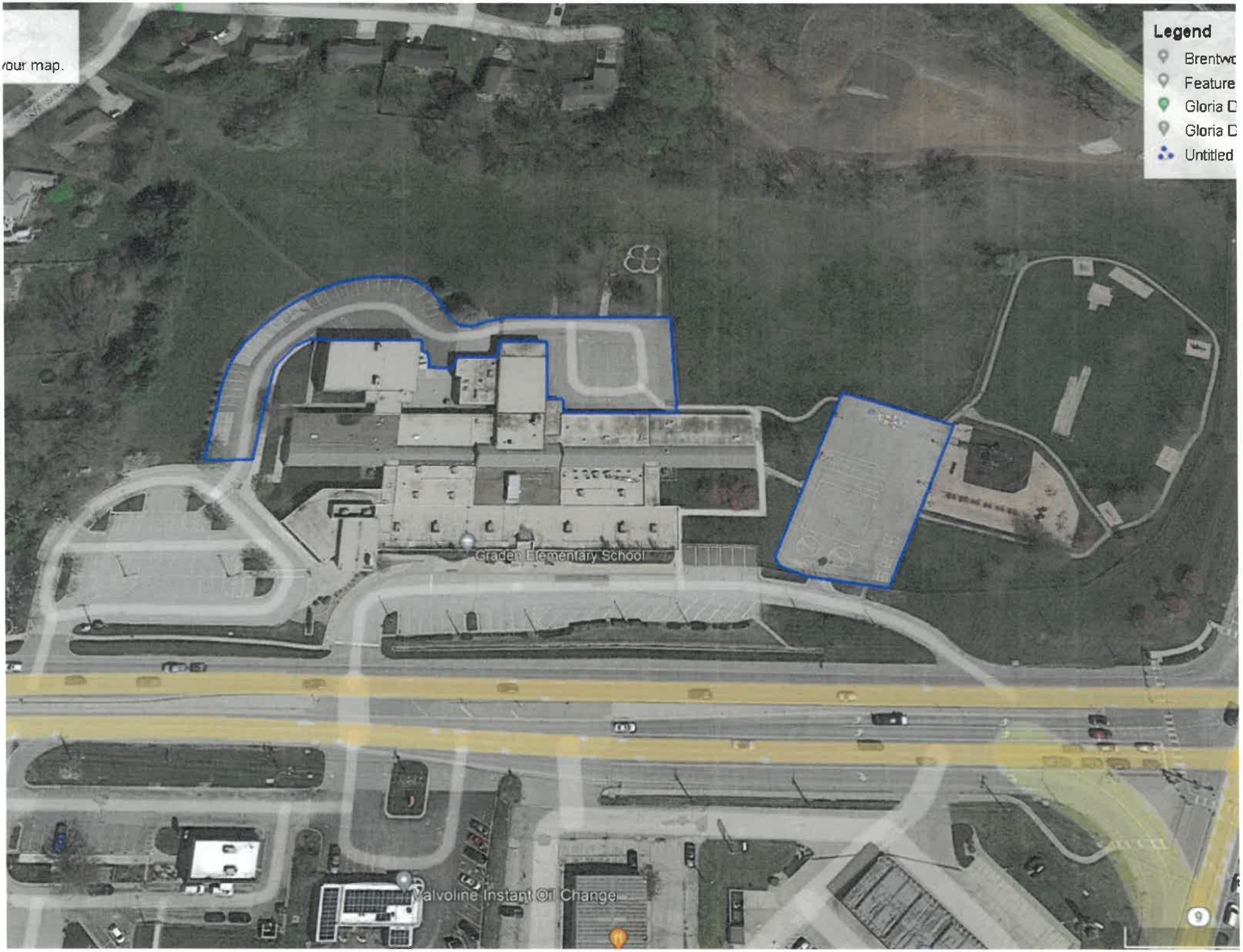
English Landing Elementary School
NW Klam Dr
NW Klam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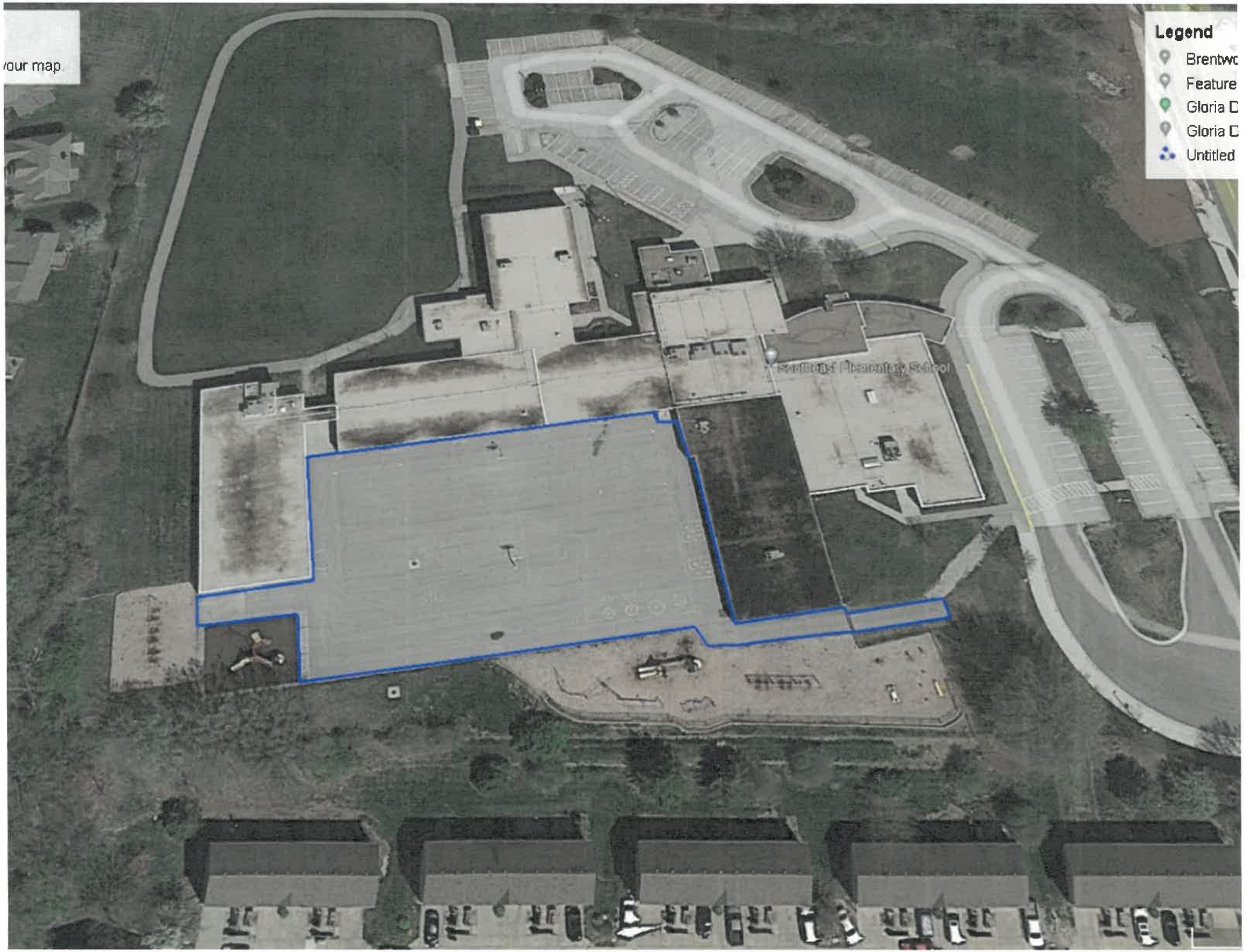
Graden Elementary School
Valvoline Instant Oil Change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Southeast Elementary School

Package 5

Graden Elementary

8804 NW 45 Hwy, Parkville, MO 64152

- In the Green area properly prepare the surface and apply Reclamite **Petroleum Maltene-Based Rejuvenating Agent.**
  Approximately 2,647 SY

Lakeview Middle School

6720 NW 64th St. Kansas City, MO 64151

- In the Green area properly prepare the surface and apply Reclamite **Petroleum Maltene-Based Rejuvenating Agent.**
  Approximately 17,995 SY

- Needs to be completed in phases to allow access to the building.

Park Hill High School Softball

7701 NW Barry Rd. Kansas City, MO 64153

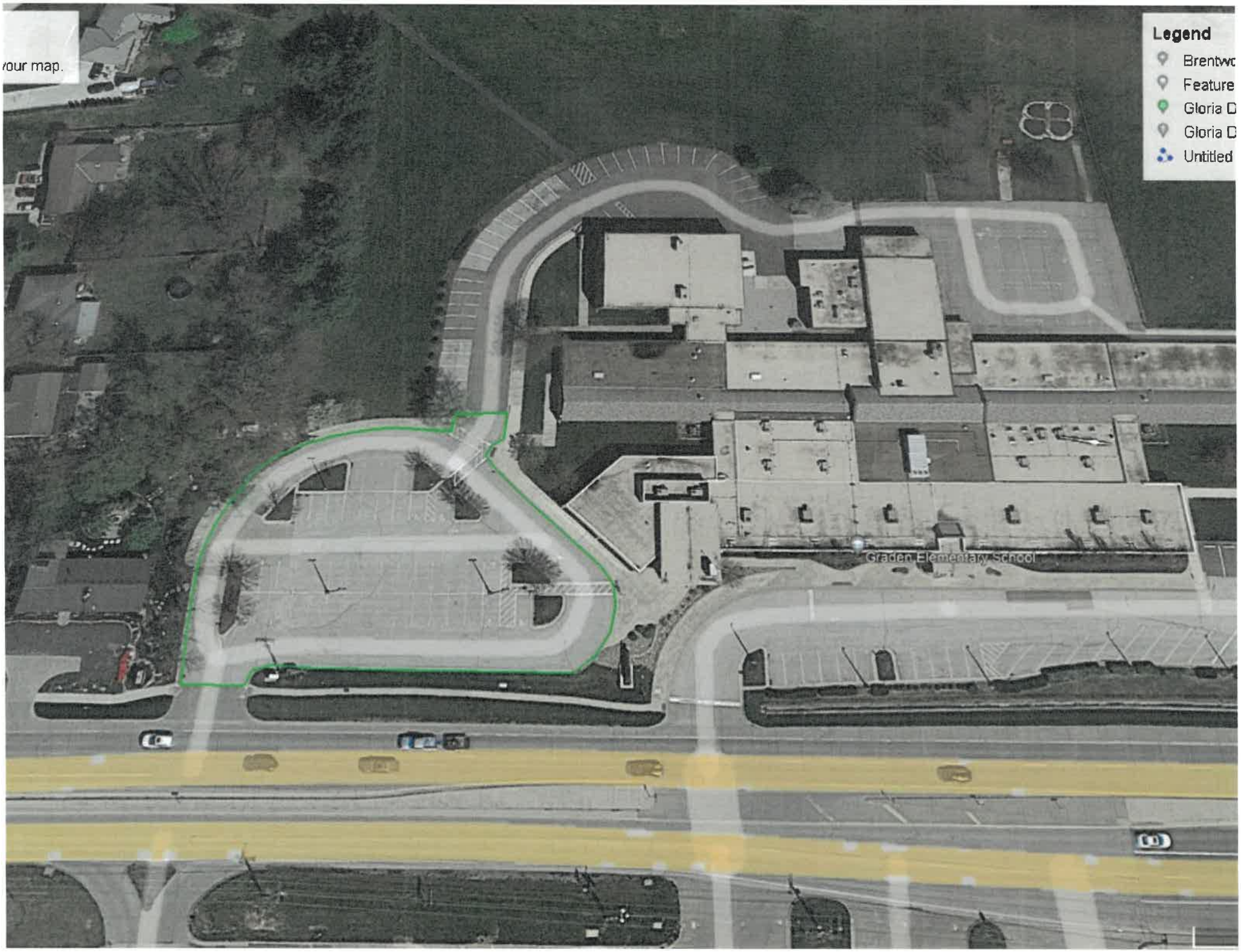
- In the Green area properly prepare the surface and apply Reclamite **Petroleum Maltene-Based Rejuvenating Agent.**
  Approximately 3,432 SY

Southeast Elementary

5704 NW Northwood. Kansas City, MO 64151

- In the Green area properly prepare the surface and apply Reclamite **Petroleum Maltene-Based Rejuvenating Agent.**
  Approximately 6,479 SY

- Needs to be completed in phases to allow access to the building.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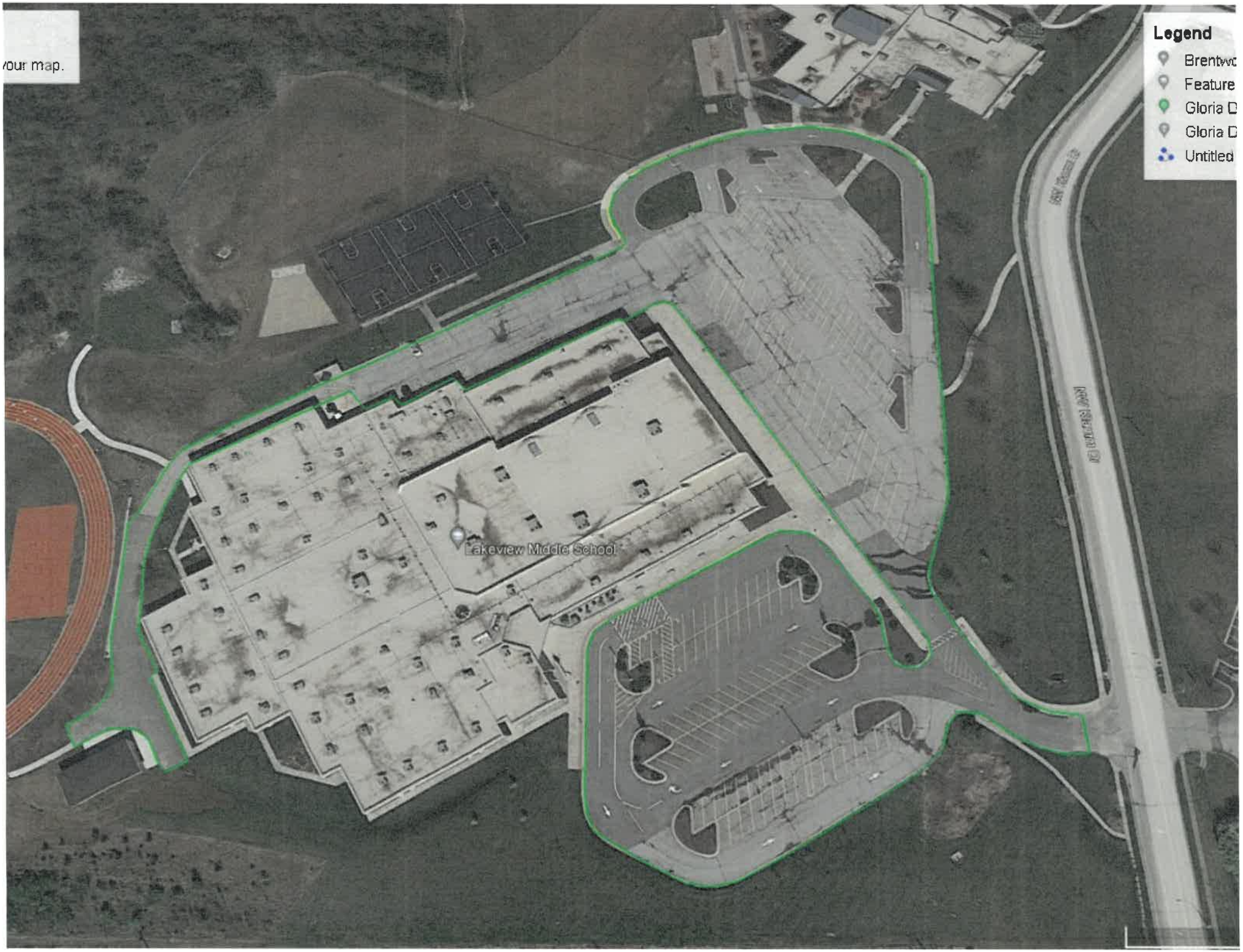
Graden Elementary School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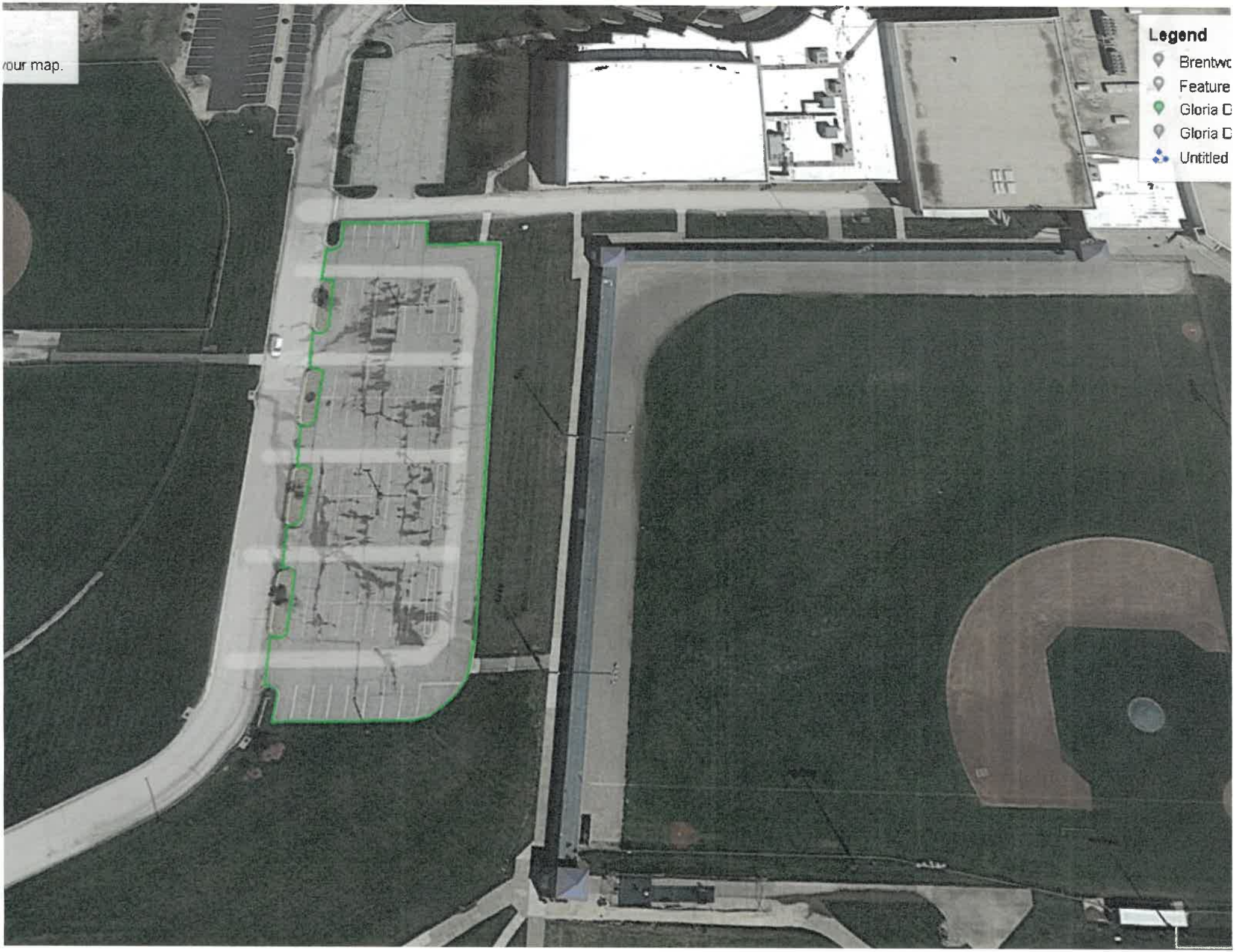
Lakeview Middle School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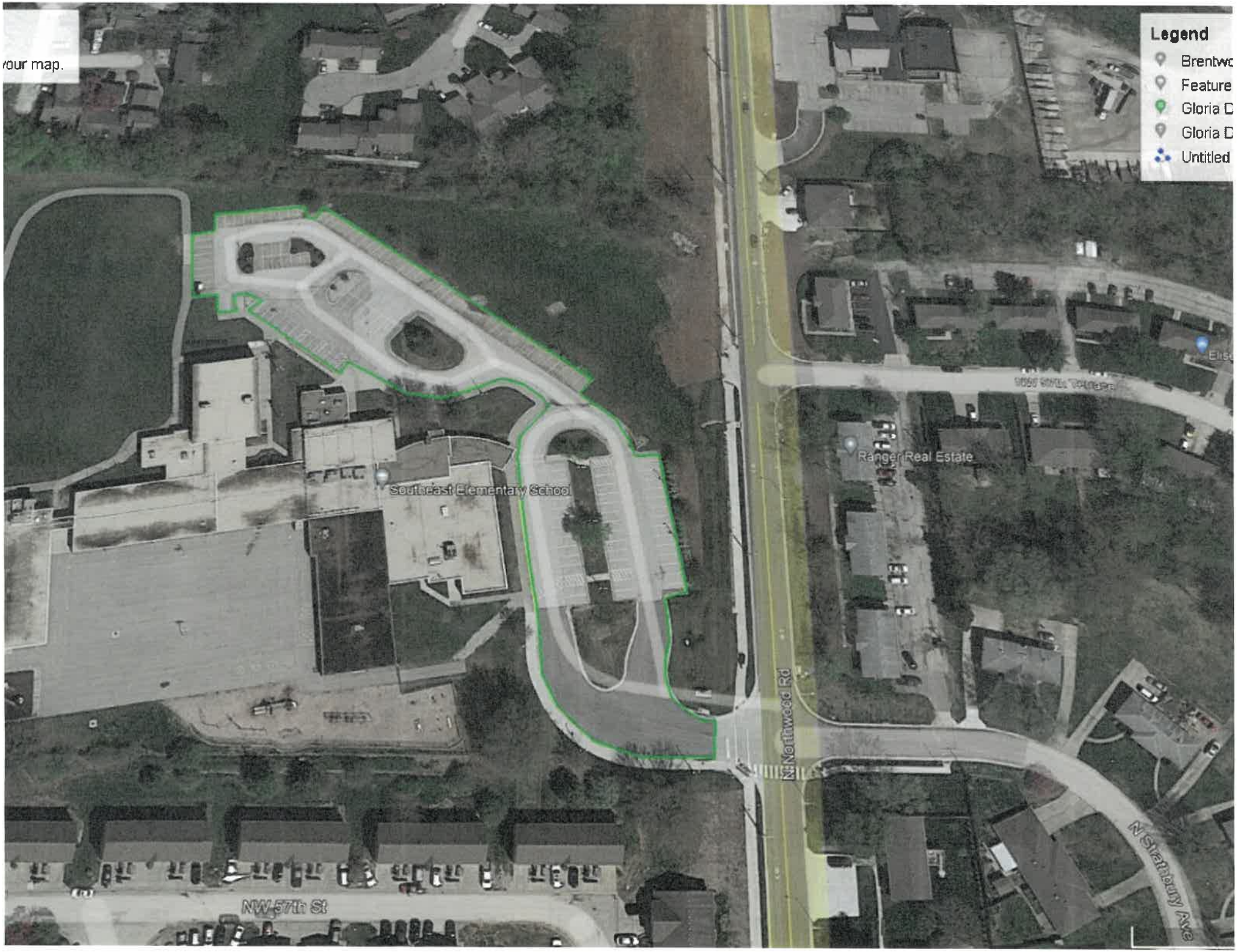
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Feature
Gloria D
Gloria D
Untitled
Southeast Elementary School
Ranger Real Estate
N Northwood Rd
N Stratbury Ave
NW 57th St

Package #6

Aquatic Center

8152 N. Congress Ave. Kansas City, MO 64152

- Excavate and remove soil to Install a new sidewalk a minimum of 4" thick 6' wide and approximately 64' long. Creating an approach on each end approximately 8' wide with the north side meeting the building.
- Install a 4"sleeve to be able to access if needed
- Repair any drains or irrigation as there is 2 possible drain pipes that could cross this area size would be 4" or greater. Irrigation would be 1" or 1.5" pipe that would cross that area possibly a couple of times but no irrigation wire.
- Remove form boards and backfill with pulverized topsoil. The School District will take care of seeding.
- Concrete truck will be able to get close but will either have to pump or haul concrete as the truck will not be able to access this area.

Lakeview Middle School

6720 NW 64th St. Kansas City, MO 64151

- Remove **approximately 4.8 SY** of sidewalk and pour a handicap accessible approach to the sidewalk.

Southeast Elementary

5704 NW. Northwood Kansas City, MO 64151

- Remove **approximately 16.6 SY** of the asphalt trail and replace with a minimum of 4"thick concrete Approximately 6'wide and 25' long
- Concrete truck will not be able to access this area e as there is an asphalt trail that you have to cross and it would not support the weight plus rutting up the ground. With this being said the closest access point from the parking lot for a 4' gate is approximately 234' and for a 12' gate is approximately 340' and it would need to be dry to access.
- Remove form boards and backfill with pulverized topsoil

Renner Elementary

7401 NW Barry Rd. Kansas City, MO 64152

- Excavate and remove soil to Install a new sidewalk a minimum of 4" thick 8' wide and approximately 41' long.
- Remove form boards and backfill with pulverized topsoil. The School District will take care of seeding.
- This can be accessed from the asphalt playground however caution should be used as some of our playground asphalt is only 4" depth.

Hopewell

6801 N. Line Creek Parkway, Kansas City, MO 64151

- Remove and replace **approximately 6.4 SY** of concrete sidewalk at a minimum of 4" depth.
- Remove form boards and backfill with pulverized topsoil
- Access to this will be from the asphalt playground depth of asphalt is 6" would need to buggy another 105ft to the area to replace.

Aquatic

Lakeview

Southeast

Remr

Hopewell

BID FORM – 2023 PAVEMENT REPAIR PROJECTS

Package #1	
Park Hill High School	$_____
Current Liquid Asphalt Price	$_____

Total Package 1 **$** _____

This **work is to be completed no later than August 7, 2023**.

All work not completed by August 7, 2023 shall result in a $1,000.00 per diem penalty to be deducted by the District from final payment.

Prices as bid on this form shall include total dollar amounts to cover work as specified, including labor, materials, overhead and profit.

COMPANY _____

ADDRESS _____

_____

PHONE_____ FAX _____

EMAIL _____

PRINT NAME _____

SIGNATURE_____Date:_____

BID FORM – 2023 PAVEMENT REPAIR PROJECTS

Package #2:	
Gerner Early Childhood	$_____
Caulking per linear ft.	$_____ per linear ft
Current Liquid Asphalt Price	$_____

Total Package 2 $ _____

This **work is to be completed no later than August 7, 2023.**

All work not completed by August 7, 2023 shall result in a $1,000.00 per diem penalty to be deducted by the District from final payment.

Prices as bid on this form shall include total dollar amounts to cover work as specified, including labor, materials, overhead and profit.

COMPANY _____

ADDRESS _____

_____

PHONE _____ FAX _____

EMAIL _____

PRINT NAME _____

SIGNATURE _____ Date: _____

Park Hill School District

BID FORM – 2023 PAVEMENT REPAIR PROJECTS

Package #3:	
Union Chapel	$_____
Current Liquid Asphalt Price	$_____
Separate bid	**A.**$_____ **B.**$_____
Replacing Culvert	$_____

Total Package 3 **$** _____

This **work is to be completed no later than August 7, 2023.**

All work not completed by August 7, 2023 shall result in a $1,000.00 per diem penalty to be deducted by the District from final payment.

Prices as bid on this form shall include total dollar amounts to cover work as specified, including labor, materials, overhead and profit.

COMPANY _____

ADDRESS _____

_____

PHONE_____ FAX _____

EMAIL _____

PRINT NAME _____

SIGNATURE_____Date:_____

Park Hill School District

BID FORM – 2023 PAVEMENT REPAIR PROJECTS

Package #4:	
Renner	$_____
Chinn	$_____
English	$_____
Landing	$_____
Graden	$_____
Southeast	$_____

Total Package 4 **$** _____

This **work is to be completed no later than August 7, 2023**.

All work not completed by August 7, 2023 shall result in a $1,000.00 per diem penalty to be deducted by the District from final payment.

Prices as bid on this form shall include total dollar amounts to cover work as specified, including labor, materials, overhead and profit.

COMPANY _____

ADDRESS _____

_____

PHONE _____ FAX _____

EMAIL _____

PRINT NAME _____

SIGNATURE _____ Date: _____

BID FORM – 2023 PAVEMENT REPAIR PROJECTS

Package #5:	
Graden	$ _____
Lakeview	$ _____
Park Hill High School	$ _____
Southeast	$ _____

Total Package 5 **$** _____

This **work is to be completed no later than August 7, 2023**.

All work not completed by August 7, 2023 shall result in a $1,000.00 per diem penalty to be deducted by the District from final payment.

Prices as bid on this form shall include total dollar amounts to cover work as specified, including labor, materials, overhead and profit.

COMPANY _____

ADDRESS _____

_____

PHONE _____ FAX _____

EMAIL _____

PRINT NAME _____

SIGNATURE _____ Date: _____

Bid Form – 2023 Pavement Repair Projects

Package #6	
Aquatic Center	$ _____
Lakeview Middle School	$ _____
Southeast Elementary	$ _____
Renner	$ _____
Hopewell	$ _____

This **work is to be completed no later than August 7, 2023**.

All work not completed by August 7, 2023 shall result in a $1,000.00 per diem penalty to be deducted by the District from final payment.

Prices as bid on this form shall include total dollar amounts to cover work as specified, including labor, materials, overhead and profit.

Company _____

Address _____

_____

Phone _____ Fax _____

Email _____

Print Name _____

Signature _____ Date: _____