

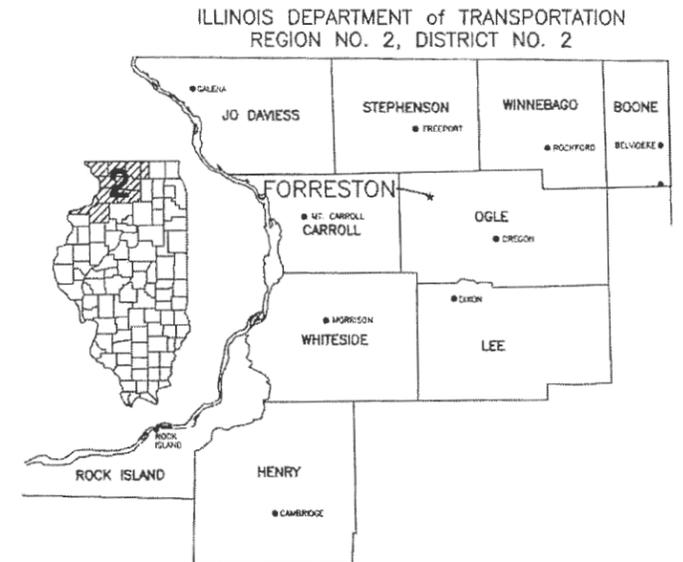
11-06-2020 LETTING ITEM 119

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**SAFE ROUTES TO SCHOOL**  
FOR  
**VILLAGE OF FORRESTON**  
**FORRESTON, ILLINOIS**

PROPOSED ADA CROSSINGS PLANS

FAP ROUTE 316 ILLINOIS ROUTE 26 &  
FAP ROUTE 549 ILLINOIS ROUTE 72  
SECTION: 19-00018-00-SW  
OGLE COUNTY  
PROJECT NO. MBH9(524)  
JOB NO. C-92-085-20  
SRTS NO. CRTS-019-2003  
CONTRACT No. 85702



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VILLAGE OF FORRESTON

MARK METZGER	VILLAGE PRESIDENT
MICHELLE DRAYTON	VILLAGE CLERK
FRED SCHNEIDERMAN	VILLAGE TREASURER

VILLAGE TRUSTEES

KEN VINNEDGE	VILLAGE TRUSTEE
MONTY COTTER	VILLAGE TRUSTEE
JEFF FREEZE	VILLAGE TRUSTEE
VICKYE NORRIS	VILLAGE TRUSTEE
KEN TOMS	VILLAGE TRUSTEE
GARY BUSS	VILLAGE TRUSTEE

UTILITIES

UTILITY TYPE	COMMON NAME
WATER & SEWER	VILLAGE OF FORRESTON
ELECTRIC	COMED
TELEPHONE	FRONTIER COMMUNICATIONS
GAS	NICOR GAS COMPANY
CABLE	COMCAST

(CONTRACTOR TO BE RESPONSIBLE FOR ANY ADJUSTMENTS TO BE MADE.)

- STATE STANDARDS**
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
  - 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
  - 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
  - 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
  - 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
  - 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
  - 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
  - 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
  - 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
  - 701901-08 TRAFFIC CONTROL DEVICES
  - 720001-01 SIGN PANEL MOUNTING DETAILS
  - 720006-04 SIGN PANEL ERECTION DETAILS
  - 720011-01 METAL POSTS FOR SIGN MARKERS AND DELINEATORS
  - 728001-01 TELESCOPING STEEL SIGN SUPPORT
  - 729001-01 APPLICATION OF TYPE A AND TYPE B POSTS
  - 780001-05 TYPICAL PAVEMENT MARKINGS
  - 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
  - 821101-02 LUMINARE WIRING IN POLE
  - 825001-04 LIGHTING CONTROLLER POLE MOUNTED, 240V
  - 836001-04 LIGHT POLE FOUNDATION



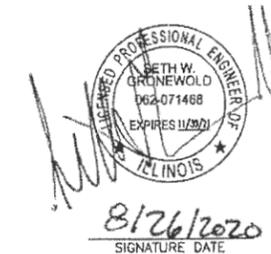
**LOCATION MAP**

2040 IL 26 ADT = 3700; 4.47% TRUCKS  
2040 IL 72 ADT = 2430; 6.36% TRUCKS  
DESIGN SPEED LIMIT = 30 MPH  
LENGTH OF PROJECT = 200 FEET/0.04 MILES  
IL 26 FUNCTIONAL CLASS = PRINCIPAL ARTERIAL  
IL 72 FUNCTIONAL CLASS = MINOR ARTERIAL

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL

ILLINOIS IOWA WISCONSIN

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 184003525



APPROVED 8-26 2020  
*Mark Metzger*  
VILLAGE PRESIDENT

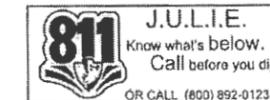
PASSED 9/1 2020  
*David M. Baustler*  
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 9/1 2020  
*Manuel Alvarez*  
DEPUTY DIRECTOR OF HIGHWAYS/REGION 2 ENGINEER

FOR BIDDING

ORIGINAL SET FOR PROJECT: 19-504 DATE CREATED: AUG 2020

REV. NO.	DESCRIPTION	DATE



**GENERAL NOTES**

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MUNICIPAL CODE, VILLAGE OF FORRESTON, ILLINOIS, CURRENT EDITION, THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," CURRENT EDITION, SPECIAL PROVISIONS AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
- IN THESE CONTRACT DOCUMENTS MENTION IS MADE OF THE "ENGINEER", WHICH SHALL MEAN THE VILLAGE'S DULY AUTHORIZED AGENT. IN THESE CONTRACT DOCUMENTS MENTION IS MADE OF THE "OWNER", WHICH SHALL MEAN VILLAGE OF FORRESTON, OR THEIR DULY AWARDED AGENT.
- AS PART OF THE BIDDING PROCEDURE, THE CONTRACTOR SHALL VERIFY THAT THE QUANTITIES FOR PAY ITEMS, AS PRESENTED IN THESE PLAN DOCUMENTS, ARE SUBSTANTIALLY CORRECT. IF DISCREPANCIES ARE DETECTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE DISCREPANCY PRIOR TO THE BID DATE.
- QUANTITIES SHOWN ARE ESTIMATES FOR INFORMATION ONLY. PAYMENT WILL BE BASED ON ACTUAL QUANTITIES MEASURED IN THE FIELD OR ON PAYMENT LIMIT DETAILS.
- THE CONTRACTOR SHALL BE PAID FOR MATERIALS AND EQUIPMENT SUCCESSFULLY INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AS MEASURED OR VERIFIED IN PLACE BY THE ENGINEER OR HIS AGENT.
- IN CASE OF CONFLICT BETWEEN THE ABOVE MENTIONED SPECIFICATIONS, THE ENGINEER SHALL DETERMINE WHICH OF THE SPECIFICATIONS SHALL GOVERN. THE ENGINEER'S DECISION SHALL BE FINAL AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED UNLESS APPROVED BY THE ENGINEER.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE OWNER. IMPROVEMENT REPRESENTATIONS AS SHOWN ON THESE PLANS, ARE AS ACCURATE AS POSSIBLE FROM THE INFORMATION AVAILABLE. HOWEVER SOME FIELD REVISIONS MAY BE REQUIRED TO ACCOMMODATE UNFORESEEN CIRCUMSTANCES - THE ENGINEER SHALL BE ADVISED OF ANY NECESSARY REVISIONS WITH SUFFICIENT LEAD TIME ALLOWED TO PROPERLY CONSIDER AND ACT UPON SAID REQUESTS. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED IN CONSTRUCTING THOSE IMPROVEMENTS AS DETAILED IN THIS ENGINEERING PLAN.
- THE ENGINEER SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE OR REJECT THE WORKMANSHIP AND/OR MATERIALS WHICH GO TO MAKE UP IMPROVEMENTS AS DETAILED IN THESE PLANS AND SPECIFICATIONS.
- GENERAL SAFETY PROVISION: TO PROVIDE DRIVERS WITH SAFE TRAVEL CONDITIONS DURING THE CONSTRUCTION PROJECT, AND TO PROVIDE SAFE WORKING CONDITIONS FOR ALL EMPLOYEES, THE RULES, REGULATIONS, AND CONDITIONS STATED BELOW WILL PREVAIL FOR THE DURATION OF THIS CONTRACT. ANY EMPLOYEE OF THE CONTRACTOR OR HIS SUBCONTRACTORS WHO REFUSES TO COMPLY WITH THESE GENERAL SAFETY PROVISIONS SHALL BE REMOVED FROM THE JOB SITE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS. THE CONTRACTOR AND ANY SUBCONTRACTORS RETAINED BY HIM SHALL COMPLY WITH THE STATE AND FEDERAL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA), JULY 1, 1987 AS IT RELATES TO CONTRACTOR'S OPERATIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS NOT THE REDUCED SIZE PLANS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO THE CONTRACT.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR DISTURBED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. REPLACEMENT OF MONUMENTS WILL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL REMOVE, STORE, AND RELOCATE TO THE SATISFACTION OF THE ENGINEER ALL EXISTING SIGNAGE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS, AND CONSIDER THIS AS INCIDENTAL TO THE CONTRACT.
- OUTSIDE THE EXISTING RIGHT-OF-WAY, THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING SIGNS OUTSIDE THE RIGHT-OF-WAY. ANY SIGNS REMOVED FOR CONSTRUCTION PURPOSES SHALL BE CAREFULLY REMOVED AND RE-ERECTED BY THE CONTRACTOR AT A LOCATION NEAREST TO THE ORIGINAL LOCATION, OR AT A LOCATION DETERMINED BY THE ENGINEER IN THE FIELD. REMOVAL AND RE-ERECTED SIGNS AND ANY DAMAGE DONE TO EXISTING SIGNS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE. MATERIALS AND LABOR NOT SPECIFICALLY IDENTIFIED SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- AT THE END OF EACH DAY, THE CONTRACTOR SHALL SECURE THE CONSTRUCTION WORK ZONE FROM POTENTIAL INTRUDERS.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER OF ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES, AND SHALL NOT PROCEED WITH THE WORK UNTIL ALL LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE ENGINEER OR HIS REPRESENTATIVE.
- THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
- ALL ITEMS TO BE REMOVED AND NOT DEFINED AS A PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- ALL EXCESS EARTH EXCAVATION, EXCESS MATERIALS, OR OTHER REMOVED ITEMS SHALL BE HAULED OFF-SITE AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE APPROVED BY THE OWNER.
- THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 201 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL OBSTRUCTIONS, TREES, DEBRIS AND BRUSH AS DESIGNATED BY THE OWNER AND AS INDICATED ON THE PLANS. ALL MATERIALS SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DURING CONSTRUCTION, CARE SHALL BE TAKEN TO MINIMIZE DAMAGE TO THE EXISTING TREES AND LANDSCAPING. ONLY THOSE ITEMS DESIGNATED BY THE OWNER SHALL BE REMOVED.
- ALL ROADWAY REMOVAL ITEMS SHALL CONFORM TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. ALL JOINTS BETWEEN THE PORTION REMOVED AND THAT LEFT IN PLACE SHALL BE SAWED TO SUCH A DEPTH THAT A CLEAN, NEAT EDGE WILL RESULT WITH NO SPALLING TO THE REMAINING PORTION. THE COST OF SAWING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ADDITIONAL SAWING OR RE-SAWING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THE COST OF SAWCUTTING THE EXISTING PAVEMENT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

**GENERAL NOTES**

- WHEN ARTIFICIAL LIGHTING IS UTILIZED DURING NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AS WELL AS ADJOINING RESIDENTIAL AREAS.
- THE CONTRACTOR IS REQUIRED TO STAY WITHIN THE NOTED PROPERTY BOUNDARIES RIGHT-OF-WAY AND EASEMENTS AS SHOWN IN THE PLANS. ANY ADDITIONAL EASEMENTS SHALL BE SECURED BY THE CONTRACTOR AT NO EXTRA COST.
- ANY AREAS DAMAGED OR DISTURBED DURING THE PROJECT AS A DIRECT OR INDIRECT RESULT OF CONTRACTOR OPERATIONS, SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION. THE COST OF SAID RESTORATION OR REPAIR SHALL BE BORNE TOTALLY BY THE CONTRACTOR, WITH NO EXTRA COMPENSATION BEING AWARDED UNDER THIS CONTRACT. THE RESPONSIBILITY FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY, STRUCTURE, LANDSCAPING, ETC., DAMAGED OR DESTROYED BY THE CONTRACTOR DURING MOBILIZATION OR CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR, WITH NO EXPENSE BEING CHARGED TO THE ENGINEER OR OWNER. PRIOR TO ACCEPTANCE OF THIS REPAIR OR REPLACEMENT, THE CONTRACTOR SHALL PRESENT THE OWNER WITH A "SIGNOFF LETTER", SIGNED BY A RESPONSIBLE OFFICIAL OF THE OWNER OF THE DAMAGED UTILITY STATING THAT THE REPAIR OR REPLACEMENT IS ACCEPTABLE.
- REVIEW OF COMPLETE PEDESTRIAN SIGNAL SHALL BE COMPLETED BY THE ENGINEER AND IDOT PRIOR TO CONTRACTOR ORDERING MATERIALS.

**CONSTRUCTION STAKING**

- THE OWNER SHALL BE RESPONSIBLE FOR CONSTRUCTION LAYOUT STAKING THE PROPOSED IMPROVEMENTS AS INDICATED IN THE SPECIAL PROVISIONS. CONTROL POINTS ARE INDICATED ON THE PLANS.

**EROSION CONTROL NOTES**

- UNLESS OTHERWISE SPECIFIED, ALL EROSION AND SEDIMENT CONTROL MEASURES AND THEIR MAINTENANCE, CLEARING AND REMOVAL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, CURRENT EDITION, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.
- THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THESE EROSION CONTROL PLANS BEFORE CONSTRUCTION BEGINS.
- THE CONTROLS SHALL BE INSTALLED AS DETAILED AND WHERE INDICATED ON THE EROSION CONTROL PLAN SHEETS AND AS DIRECTED BY THE INSPECTOR.
- SITE ACTIVITIES SHOULD ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE PRACTICABLE.
- DISTURBED PORTIONS OF THE SITE SHALL BE STABILIZED (TEMPORARILY OR PERMANENTLY SEEDED, MULCHED, SODDED OR PAVED) AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 7 CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
- UNTIL SUCH TIME AS THE PROJECT SITE REACHES FINAL STABILIZATION AND FINAL INSPECTION IS APPROVED BY THE OWNER AND IDOT, THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST, REPAIR, OR REPLACE, ALL VEGETATION, EROSION CONTROLS, SEDIMENT CONTROLS, AND ANY OTHER PROTECTIVE MEASURES AS REQUIRED IN ORDER TO MAINTAIN THEIR INTENDED FUNCTION IN A GOOD AND EFFECTIVE OPERATING CONDITION.
- EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER EXPECTED DURING THE CONSTRUCTION PROCESS THAT MAY BE COMBINED WITH STORM WATER DISCHARGES SHALL BE DIRECTED AWAY FROM UNPROTECTED, BARE, OR OTHERWISE UNSTABILIZED SOIL, AND APPROPRIATE POLLUTION PREVENTION MEASURES SHALL BE IMPLEMENTED SO THAT THESE DISCHARGES DO NOT CAUSE EROSION OR DEGRADE THE QUALITY OF RUNOFF FROM THE CONSTRUCTION SITE.
- REGULAR INSPECTIONS WILL BE MADE AS REQUIRED. A QUALIFIED INSPECTOR WILL BE PROVIDED BY THE OWNER. BASED ON THE RESULTS OF THE INSPECTIONS, POLLUTION PREVENTION MEASURES SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER EACH INSPECTION. SUCH REVISIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING EACH INSPECTION.
- THE INSPECTOR SHALL HAVE AUTHORIZATION TO DETERMINE THE ADEQUACY OF THE CONTRACTOR'S EROSION CONTROL EFFORTS. THE OWNER OR THE INSPECTOR SHALL HAVE FULL AUTHORITY OVER THE GENERAL CONTRACTOR AND ANY SUBCONTRACTOR TO CAUSE POLLUTANT CONTROL MEASURES TO BE REPAIRED, MODIFIED, MAINTAINED, SUPPLEMENTED, OR WHATEVER ELSE IS NECESSARY IN ORDER TO ACHIEVE EFFECTIVE POLLUTANT CONTROL OR TO SUSPEND OR LIMIT THE CONTRACTORS OPERATIONS PENDING ADEQUATE PERFORMANCE.
- PERIMETER EROSION BARRIER TO BE CONSTRUCTED OF SILT FENCE UNLESS NOTED OTHERWISE.
- A TEMPORARY CONCRETE WASHOUT FACILITY SHALL BE CONSTRUCTED AT A LOCATION APPROVED BY THE ENGINEER. WASHOUT FACILITY SHALL BE UTILIZED FOR ALL APPLICABLE OPERATIONS.
- TEMPORARY EROSION CONTROL MEASURES INCLUDE TEMPORARY DITCH CHECKS, PERIMETER EROSION BARRIER, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, AND ANY OTHER TEMPORARY EROSION CONTROL MEASURE NEEDED TO LIMIT THE AMOUNT OF SOIL EROSION AND SEDIMENTATION DURING CONSTRUCTION.
- AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED FROM THE SITE, AND BECOME THE PROPERTY OF THE CONTRACTOR. CONTRACTOR MUST STABILIZE ANY AREA DISTURBED BY THE REMOVAL OF EROSION CONTROL ITEMS.
- CONTRACTOR SHALL CLEAN ANY DEBRIS TRACKED OFFSITE DAILY.

**SEEDING OF DISTURBED AREAS**

- THE FINAL TOP 4" INCHES OF SOIL IN ANY DISTURBANCE AREA MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.
- FERTILIZER HAVING AN ANALYSIS OF 10-10-10 SHALL BE APPLIED AT A RATE OF 90 LBS/ACRE TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SOWING THE SEED.
- THE CONTRACTOR SHALL SEED AND STABILIZE ALL DISTURBED AREAS ADJACENT TO IMPROVEMENTS WITH SEEDING, IDOT CLASS 1A AND EROSION CONTROL BLANKET IN ACCORDANCE WITH IDOT STANDARD SPECIFICATION OR AS APPROVED BY THE ENGINEER. ACCORDANCE WITH IDOT STANDARD SPECIFICATION OR AS APPROVED BY THE ENGINEER.
- GUARANTEE:** ALL SEEDED AREAS SHALL BE MAINTAINED AND MOWED FOR AT LEAST 30 DAYS AFTER GERMINATION. SCATTERED BARE SPOTS NO LARGER THAN TWO SQUARE FOOT WILL BE ALLOWED UP TO A MAXIMUM OF 5% OF ANY SEEDED AREA INCLUDING 30-DAY MAINTENANCE, MOWING AND WATERING AS NECESSARY.
- THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTIONS, CURRENT EDITION, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.
- RESTORATION - THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION OF THE IMPROVEMENTS AND RELATED APPURTENANCES OR AS PART OF ANY OF THEIR ACTIVITIES TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION.

**UTILITIES**

- UTILITIES SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND NO GUARANTEE OF THEIR ACCURACY IS MADE OR INFERRED. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL-INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES THAT MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY AND ALL UTILITY COMPANIES REGARDING ADJUSTMENTS NECESSARY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND CONSIDERED INCIDENTAL TO THE PROJECT COST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND, OVERHEAD, OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR MUST VERIFY AND LOCATE ALL EXISTING UTILITIES ON OR ADJACENT TO THE SITE. PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, CONTACT J.U.L.I.E. AT 1-800-892-0123 (OR 811) FOR EXACT FIELD LOCATION OF UTILITIES. DAMAGE, AND THE COST THEREOF, TO ANY AND ALL UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY AND ALL EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE. THE ENGINEER AND SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF THE EXISTING UTILITIES SHOWN HEREON.
- IF THERE ARE ANY UTILITIES WHICH ARE NOT MEMBERS OF THE J.U.L.I.E. SYSTEM, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THIS AND REQUESTING SAID UTILITIES TO FIELD VERIFY AND MARK PERTINENT UTILITY LOCATIONS.
- THE UTILITY LOCATIONS, DEPTHS, ETC. SHOWN ON THESE PLANS ARE APPROXIMATE ONLY, AND SHALL BE VERIFIED BY THE CONTRACTOR WITH ALL AFFECTED UTILITY COMPANIES PRIOR TO INITIATING CONSTRUCTION OPERATIONS; THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY FOR THE ADEQUACY, SUFFICIENCY OR EXACTNESS OF THESE UTILITY REPRESENTATIONS.
- THE CONTRACTOR SHALL CONTACT THE NECESSARY UTILITY COMPANIES FOR ANY UTILITY RELOCATIONS. THE OWNER SHALL PAY FOR ALL COSTS ASSOCIATED WITH RELOCATION OF UTILITIES ON OR ADJACENT TO THE SUBJECT PROPERTY OR WITHIN THE ROAD RIGHT-OF-WAY.
- TRENCH BACKFILL SHALL BE FILL MATERIAL TYPE A (GRAVEL OR CA6 CRUSHED STONE) OR TYPE C (SAND FA-1 OR SAND FA-2) IN ACCORDANCE WITH AASHTO T27 GUIDELINES AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION. COST SHALL BE INCLUDED IN UNIT PRICE OF PIPE.
- TRENCH BACKFILL SHALL BE USED IN LOCATIONS WHERE THERE IS AN EXISTING OR PROPOSED PERMANENT SURFACE.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION OR HAVE THE POTENTIAL FOR CREATING FUTURE PROBLEMS SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT AT AN APPROVED LOCATION OBTAINED BY THE CONTRACTOR, ACCORDING TO THE "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION, AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ANY AND ALL FIELD TILES AND OR STORM SEWERS DAMAGED OR ENCOUNTERED DURING THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED, REPLACED AND/OR CONNECTED IMMEDIATELY BY THE CONTRACTOR. COST FOR SAID REPAIRS, REPLACEMENT, AND/OR CONNECTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

**CONTRACT 85702**



ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:

VILLAGE OF FORRESTON  
102 SOUTH WALNUT STREET  
P.O. BOX 206

PROJECT AND LOCATION:

SAFE ROUTES TO SCHOOL  
FORRESTON, ILLINOIS

DRAWN BY: MS  
APPROVED BY: SWG  
DATE: AUG 2020  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

GENERAL NOTES 1

SET TYPE: FOR BIDDING

\\rockford\Drawings\C30\19\19-504\Plans\19-504 Plans.dwg, Gen Notes 1

JOB NUMBER:

19-504

SHEET NUMBER:

2 of 15

**TRAFFIC CONTROL**

1. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL TRAFFIC CONTROL ITEMS NECESSARY FOR THE CONSTRUCTION OF ITEMS WITH IN THE ROAD RIGHT-OF-WAY. ALL WORK PERFORMED SHALL HAVE TRAFFIC CONTROL IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
2. ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
3. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE REMOVED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING DEBRIS OFF THE ADJACENT TRAVELED LANE SURFACE. COST INCIDENTAL TO THE PROJECT.
4. THE CONTRACTOR SHALL SUBMIT MAINTENANCE OF TRAFFIC AND STAGING OF CONSTRUCTION PLANS FOR APPROVAL BY THE ENGINEER PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR SHALL PERFORM THE WORK UNDER STAGE CONSTRUCTION IN THE EVENT THAT THE CONTRACTOR WILL NEED TO CLOSE PUBLIC ROADS, CONTRACTOR SHALL SUBMIT PROPOSED DETOUR ROUTE AND ASSOCIATED SIGNAGE TO THE ENGINEER PRIOR TO COMMENCING WORK.
6. TRAFFIC CONTROL DEVICES, STREET NAME SIGNS, AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH VILLAGE OF FORRESTON ORDINANCES AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". LOCATIONS OF SIGNS AND MARKINGS SHALL BE SPECIFIED BY THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER.
7. PROVIDE TO THE ENGINEER AND THE OWNER THE NAME AND PHONE NUMBER OF INDIVIDUALS RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL MEASURES DURING CONSTRUCTION. THIS INDIVIDUAL SHALL BE AVAILABLE TO CORRECT TRAFFIC CONTROL PROBLEMS 24 HOURS PER DAY.
8. THE CONTRACTOR SHALL NOTIFY THE POST OFFICE, POLICE DEPARTMENT, FIRE DEPARTMENT, 911 DISPATCH CENTER, ILLINOIS DEPARTMENT OF TRANSPORTATION, STATE POLICE, APPROPRIATE SCHOOL DISTRICT AND THE LOCAL AGENCY A MINIMUM OF 5 DAYS PRIOR TO CLOSING ANY PORTION OF THE STREET OR ALLEY.

**SUBGRADES, SUBBASES, AND BASE COURSES**

1. THE CONTRACTOR WILL BE REQUIRED TO SUBSTANTIATE BASE COURSE THICKNESSES AND FINISH PAVEMENT THICKNESSES. THE ENGINEER SHALL INSPECT BASE COURSE COREOUT PRIOR TO PLACING BASE COURSE TO ENSURE REQUIRED BASE COURSE DEPTH IS PRESENT. IN ADDITION, THE ENGINEER AND/OR THE CITY ENGINEER SHALL WITNESS THE PLACEMENT OF BITUMINOUS BINDER AND SURFACE COURSE. CORE DRILLING MAY BE REQUIRED TO DEMONSTRATE THAT BASE COURSE AND PAVEMENT THICKNESSES CONFORM TO THE SPECIFICATIONS. PRIOR TO PLACING BASE COURSE MATERIAL, THE CONTRACTOR SHALL TEST ROLL THE SUBGRADE, IN THE PRESENCE OF THE ENGINEER OR HIS AGENT TO DEMONSTRATE THAT SAID SUBGRADE IS READY FOR BASE. PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE, THE SAME VERIFICATION PROCEDURE SHALL BE PERFORMED ON THE BASE COURSE MATERIAL. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO PERFORMING ANY OF THE REQUIRED TESTS SO THAT A REPRESENTATIVE MAY BE PRESENT.

**EXCAVATION/EARTHWORK**

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.
2. PRIOR TO STARTING EARTHWORK OR UTILITY TRENCHING, THE CONTRACTOR SHALL STRIP THE SITE OF TOPSOIL TO A DEPTH OF 4" AND TO THE LIMITS APPROVED BY THE ENGINEER. THIS MATERIAL SHALL BE STOCKPILED IN A REMOTE LOCATION OFF THE SITE (APPROVED BY THE ENGINEER) UNTIL THE PLAN IMPROVEMENTS ARE COMPLETED AND THE EXCESS MATERIAL SPREAD AS DIRECTED. IT SHALL THEN BE THE RESPONSIBILITY OF THE CONTRACTOR TO SPREAD THIS TOPSOIL MATERIAL IN AREAS OF THE SITE, OVER AREAS WHERE EXCESS EXCAVATED MATERIAL, SAND, GRAVEL HAS BEEN SPREAD OR IN OTHER AREAS AS DESIGNATED BY THE ENGINEER. THE MATERIAL SHALL THEN BE COMPACTED TO A MINIMAL DEPTH OF 4" AND FINE GRADED IN A MANNER ACCEPTABLE TO THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
3. CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD) REQUIREMENTS--"THE CONTRACTOR IS RESPONSIBLE FOR THE ASSESSMENT AND PROPER DISPOSAL OF ALL EXCESS SOIL AND SUBSURFACE MATERIALS THAT ARE NOT ABLE TO BE RE-USED ON THE PROJECT SITE AS SUITABLE CLEAN FILL. CONTRACTOR RESPONSIBILITY'S SHALL INCLUDE ALL REQUIRED SOIL SAMPLING, LABORATORY ANALYSIS, DISPOSAL PROFILING FEES, TRANSPORTATION, AND DISPOSAL TIPPING FEES AND SURCHARGES."
4. ROCK IS NOT ANTICIPATED TO BE ENCOUNTERED.
5. ALL EXCAVATIONS FOR STRUCTURES AND PIPE SHALL BE KEPT DEWATERED DURING CONSTRUCTION UNTIL BACKFILL IS IN PLACE. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. (COST INCIDENTAL)
6. EARTH EXCAVATION SHALL CONFORM TO SECTION 202 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. THIS WORK SHALL INCLUDE THE EXCAVATION OF ALL MATERIALS TO DESIGN SUBGRADE ELEVATIONS INDICATED IN THE PLANS.
7. A SOIL REPORT CAN BE PROVIDED IN AN ELECTRONIC FORMAT TO THE CONTRACTOR UPON REQUEST FROM THE OWNER.
8. SHEETING AND SHORING SHALL BE CONSIDERED INCIDENTAL TO CONTRACT IF REQUIRED.
9. WHENEVER THE CONTRACTOR WORKS NEAR EXISTING FACILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THESE FACILITIES. PUSH HOLES AND SEARCH HOLES THAT ARE DUG BY THE CONTRACTOR SHALL BE BACKFILLED BY TAMPING THE EXCAVATED MATERIAL BACK IN PLACE TO KEEP SETTLEMENT TO A MINIMUM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. EMBANKMENT WORK SHALL CONSIST OF THE CONSTRUCTION OF EMBANKMENTS BY DEPOSITING, PLACING AND COMPACTING EARTH, STONE, GRAVEL OR OTHER MATERIALS OF ACCEPTABLE QUALITY ABOVE THE NATURAL GROUND OR OTHER SURFACE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
11. IF SUFFICIENT TOPSOIL IS NOT PRESENT, THE CONTRACTOR SHALL SPREAD FURNISHED TOPSOIL SO AS TO MEET THE REQUIREMENTS OF THE CONTRACT. FURNISHED TOPSOIL SHALL ONLY BE USED WITH APPROVAL BY THE ENGINEER. THIS FURNISHED TOPSOIL SHALL BE PAID FOR AS FURNISHED TOPSOIL IN PLACE, DEPTH SPECIFIED.
12. IN PROPOSED FILL AREAS FOR PAVEMENT AND EMBANKMENT, TOPSOIL AND TURF SHALL BE SCARIFIED AND REMOVED PRIOR TO CONSTRUCTING THE EMBANKMENT.

**CONSTRUCTION TYPE CODE: 0021**

Summary of Quantities					
Pay Item Number	Pay Item Description	Unit of Measure	IL Route 26	IL Route 72	Total
28000510	INLET FILTERS	EACH	0	2	2
28000400	PERIMETER EROSION BARRIER	FOOT	195	110	305
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	64	37	101
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	4	4	8
35300100	PCC BASE COURSE, 6"	SQ YD	4	4	8
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2	2	4
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1.5	1.5	3
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	570	332	902
42400800	DETECTABLE WARNINGS	SQ FT	40	40	80
44000100	PAVEMENT REMOVAL	SY YD	4	4	8
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	30	30	60
44000600	SIDEWALK REMOVAL	SQ FT	589	342	931
60605300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)	FOOT	30	30	60
67100100	MOBILIZATION	L SUM	0.5	0.5	1
△ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3	24	27
△ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	60	107	167
△ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	0	9	9
△ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	84	156	240
X0326806	WASHOUT BASIN	L SUM	0.5	0.5	1
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	54	103	157
△ X8950301	REMOVE EXISTING TRAFFIC SIGNAL POST	EACH	2	0	2
XX000970	PARKWAY RESTORATION	L SUM	0.5	0.5	1
XX001848	CURB BOXES TO BE ADJUSTED	EACH	1	0	1
X7010216	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	0.5	0.5	1
△ XX008872	SOLAR POWERED PEDESTRIAN CROSSING SIGNAL SYSTEM COMPLETE	EACH	1	1	2

△ SPECIALTY ITEMS

**CONTRACT 85702**



ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
VILLAGE OF FORRESTON  
102 SOUTH WALNUT STREET  
P.O. BOX 206

PROJECT AND LOCATION:  
SAFE ROUTES TO SCHOOL  
FORRESTON, ILLINOIS

DRAWN BY: MS  
APPROVED BY: SWG  
DATE: AUG 2020  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
GENERAL NOTES 2 AND  
SUMMARY OF QUANTITIES

SET TYPE: FOR BIDDING

JOB NUMBER:  
19-504

SHEET NUMBER:  
3 of 15

**ABBREVIATIONS**

<	ANGLE
ABC	AGGREGATE BASE COURSE
ACI	ACRE(S)
ACI	AMERICAN CONCRETE INSTITUTE
AGGR	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ARCH	ARCHITECT
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
B	BALL VALVE
BFP	BACKFLOW PREVENTER
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCKING
BM	BENCHMARK
BOT	BOTTOM
BSMT	BASEMENT
BV	BUTTERFLY VALVE
B-B	BACK-TO-BACK OF CURB DIMENSION
CL or C	CENTERLINE
C to C	CENTER TO CENTER
C & G	CURB AND GUTTER
CF	CUBIC FEET
CHD	CHORD LENGTH
CI	CAST IRON PIPE
CHK	CHECK VALVE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CTY	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
C-B	CENTERLINE TO BACK OF CURB DIMENSION
COORD	COORDINATE
CU	COPPER PIPING
CTRS	CENTERS
CY	CUBIC YARDS
CS	CORPORATION STOP
D	DEGREE OF CURVE
DEP	DEPRESSED
DET	DETAIL
DIAG	DIAGONAL
DIM	DIMENSION
DI	DUCTILE IRON PIPE
DN	DOWN
DNSTR	DOWNSTREAM
DP	DRAINAGE PIPE/STORM PIPE
DWG	DRAWING
E	EAST
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EW	EACH WAY
EXP	EXPANSION
EX, EXIST	EXISTING
EXT	EXTERIOR
E =	EXTERNAL DISTANCE
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIELD ENTRANCE
FF	FINISH FLOOR
FIL	FILLET
FIN	FINISH
FL	FLOW LINE
FLR	FLOOR
FM	FORCE MAIN
FND	FOUND
FRMG	FRAMING
FTG	FOOTING
F-F	FACE TO FACE
GA	GAUGE
GI	GALVANIZED IRON PIPE
GRD	GRADE
GRS	GRATING SUPPORT
GRT	GROUT
GV	GAS VALVE
GYP	GYPSUM
HSE	HOUSE
HC	HORIZONTAL CURVE
HMA	HOT MIX ASPHALT
HNGR	HANGER
HORIZ	HORIZONTAL
H.P.	HIGH POINT
HW	HOT WATER
HWH	HOT WATER HEATER
Δ =	CENTRAL ANGLE
I	MOMENT OF INERTIA
ID	INSIDE DIAMETER
INT	INTERIOR
INV	INVERT ELEVATION; BASED ON BENCH MARK DATUM
IP	IRON PIPE
JOIST	JOIST
L	LENGTH OF CURVE
LAT	LATERAL
LAV	LAVATORY
LF	LINEAL FEET
L.P.	LOW POINT
LT	LEFT OF SURVEY BASE LINE
MAX	MAXIMUM
ME	MATCH EXISTING
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
MTL	METAL
N	NORTH
No. or #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OO	OUTSIDE TO OUTSIDE
OPNG	OPENING
OPP	OPPOSITE
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PCF	POUNDS PER CUBIC FOOT
PDP	PERFORATED DRAIN PIPE

PE	POLYETHYLENE PIPE
PI	POINT OF INTERSECTION
PL	PLATE
PLG	PLUG VALVE
PLP	POLYPROPYLENE PIPE
PLYWD	PLYWOOD
PM	PRINCIPAL MERIDIAN
PR	PRESSURE REGULATORS
PRC	POINT OF REVERSE CURVATURE
PRESS	PRESSURE
PR, PROP	PROPOSED
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PIPE SLEEVE
PT	POINT OF TANGENCY
PLG	PLUG VALVE
PVC	POLYVINYL CHLORIDE (PLASTIC) PIPE
R	RADIUS
RDCR	REDUCER
RCCP	REINFORCED CONCRETE CYLINDER PIPE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCING
REQD	REQUIRED
ROW	RIGHT OF WAY
RFTD	RAFTER
RND	ROUND
RNR	RAILROAD
RRSP	RAILROAD SPIKE
RT	RIGHT
R&R	REMOVE AND REPLACE
S	SOUTH
SB	STREAM BED
SCHED	SCHEDULE
SEC	SECTION
SF	SQUARE FEET
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SP	SANITARY PIPE
SPA	SPACING OR SPACES
SPEC	SPECIFICATION
SQ	SQUARE
SS	SANITARY SERVICE
STA	STATION
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SW	SIDEWALK
SY	SQUARE YARDS
SYM	SYMMETRICAL
TAN	TANGENT LENGTH
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCH MARK; BASED ON BENCHMARK DATUM
TD	TILE DRAIN
THK	THICK
TR	TREAD
TY	TYPE
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
UP	UTILITY POLE
UPSTR	UPSTREAM
UR	URINAL
USGS	US GEOLOGICAL SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VOL	VOLUME
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPT	VERTICAL POINT OF TANGENCY
W	WEST
WC	WATER CLOSET
WF	WIDE FLANGE
WM	WATER MAIN
WMQ	WATER MAIN QUALITY
WV	WATER VALVE
WGT	WEIGHT
WP	WEATHER PROOF
WS	WATER SERVICE
WWF	WELDED WIRE FABRIC
W	WITH
W/O	WITHOUT
XP	EXPLOSION PROOF

**HATCH PATTERNS**

	EARTH - FILL		BRICK
	EARTH - UNDISTURBED		STEEL
	ROCK (GEOLOGICAL)		INSULATION (LOOSE/ BATT)
	STONE OR RIP RAP		INSULATION (RIGID)
	GRAVEL		WOOD (ROUGH)
	CONCRETE		WOOD (BLOCKING)
	CONCRETE BLOCK		WOOD (FINISH)
	CMU		DETECTABLE WARNING
	ASPHALT PAVEMENT		

**SYMBOLS**

		EXISTING	PROPOSED			EXISTING	PROPOSED
<b>CIVIL</b>							
<b>WATER</b>							
<b>STORM SEWER</b>							
<b>EROSION CONTROL</b>							
<b>MISC</b>							
<b>SANITARY SEWER</b>							
<b>UTILITY</b>							
<b>TRAFFIC RELATED</b>							

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
VILLAGE OF FORRESTON  
102 SOUTH WALNUT STREET  
P.O. BOX 206

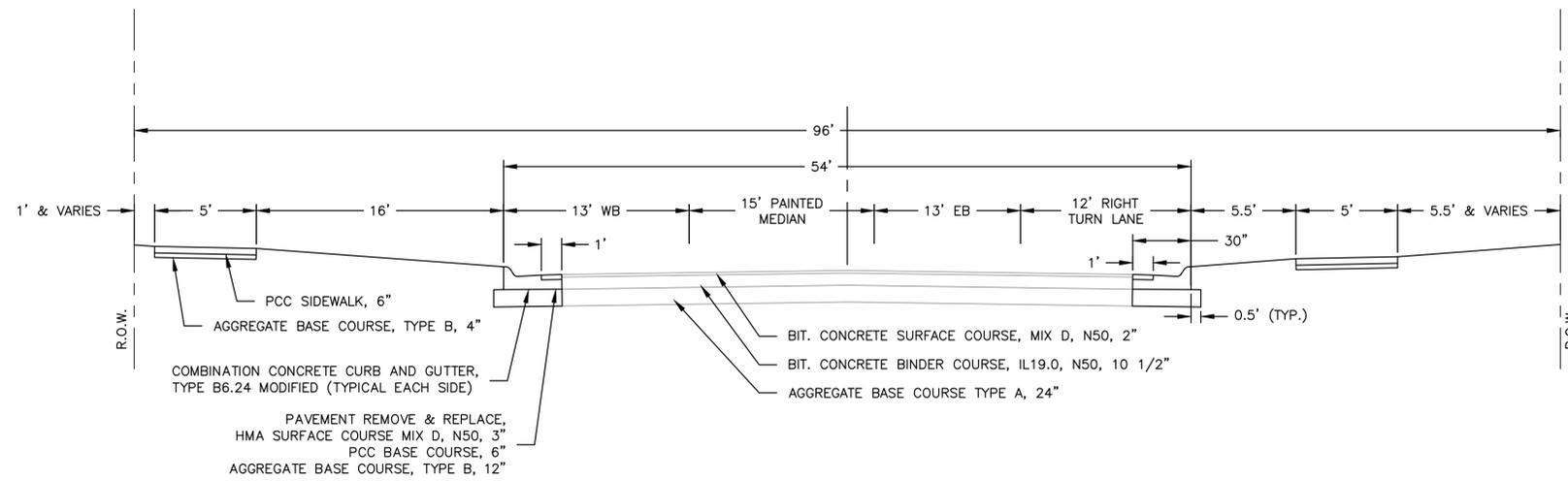
PROJECT AND LOCATION:  
SAFE ROUTES TO SCHOOL  
FORRESTON, ILLINOIS

DRAWN BY: MS  
APPROVED BY: SWG  
DATE: AUG 2020  
SCALE: AS NOTED

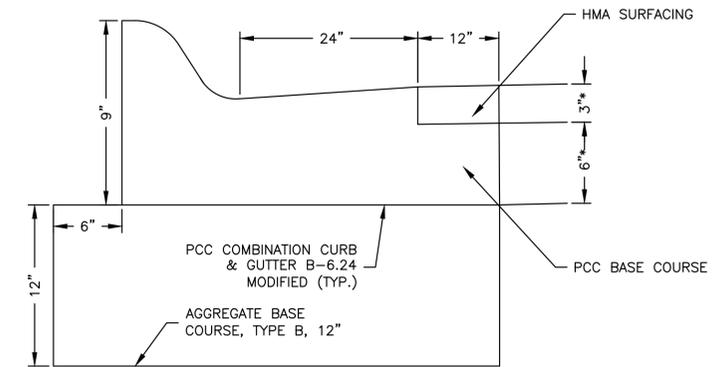
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
STANDARD LEGEND  
CONTRACT 85702  
SET TYPE: FOR BIDDING  
\\rockford\Drawings\C30\19\19-504\Plans\19-504 Plans.dwg, Legend

JOB NUMBER:  
19-504  
SHEET NUMBER:  
4 of 15

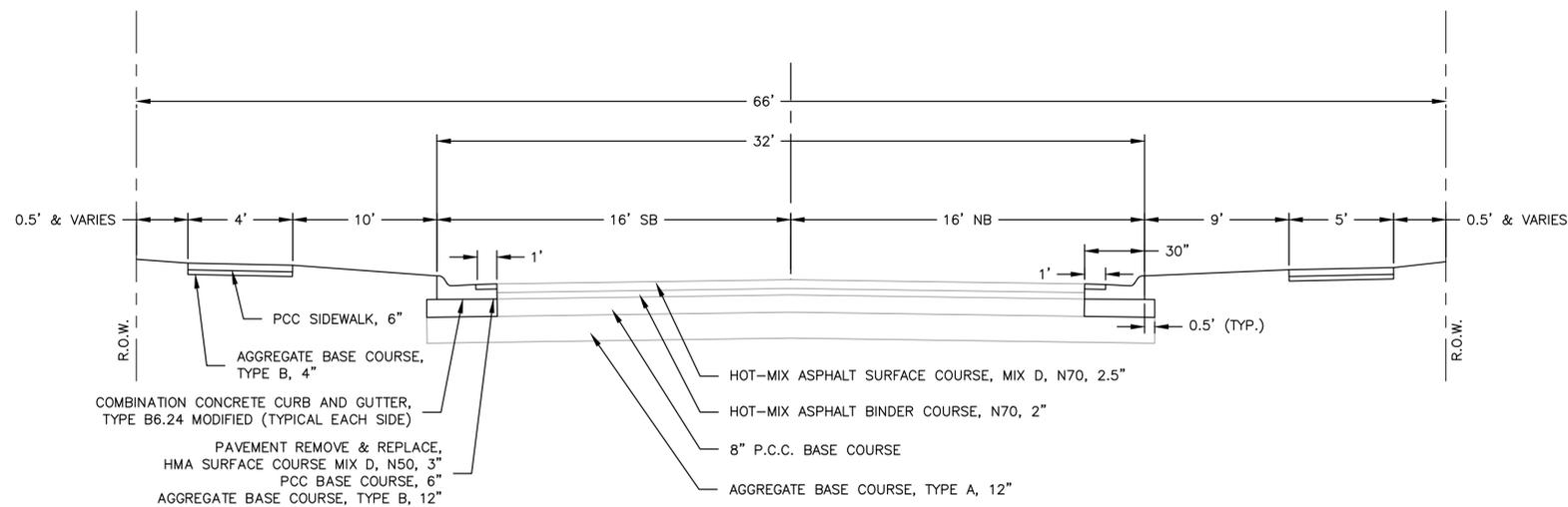


**IL ROUTE 72**  
**TYPICAL URBAN STREET CROSS-SECTION DETAIL**  
 N.T.S.



NOTE:  
 \* 9" IS THE MINIMUM REQUIRED WHEN PCC  
 BASE COURSE IN PLACE PER STD. 606001

**PCC COMBINATION CURB & GUTTER DETAIL**  
 N.T.S.



**IL ROUTE 26**  
**TYPICAL URBAN STREET CROSS-SECTION DETAIL**  
 N.T.S.

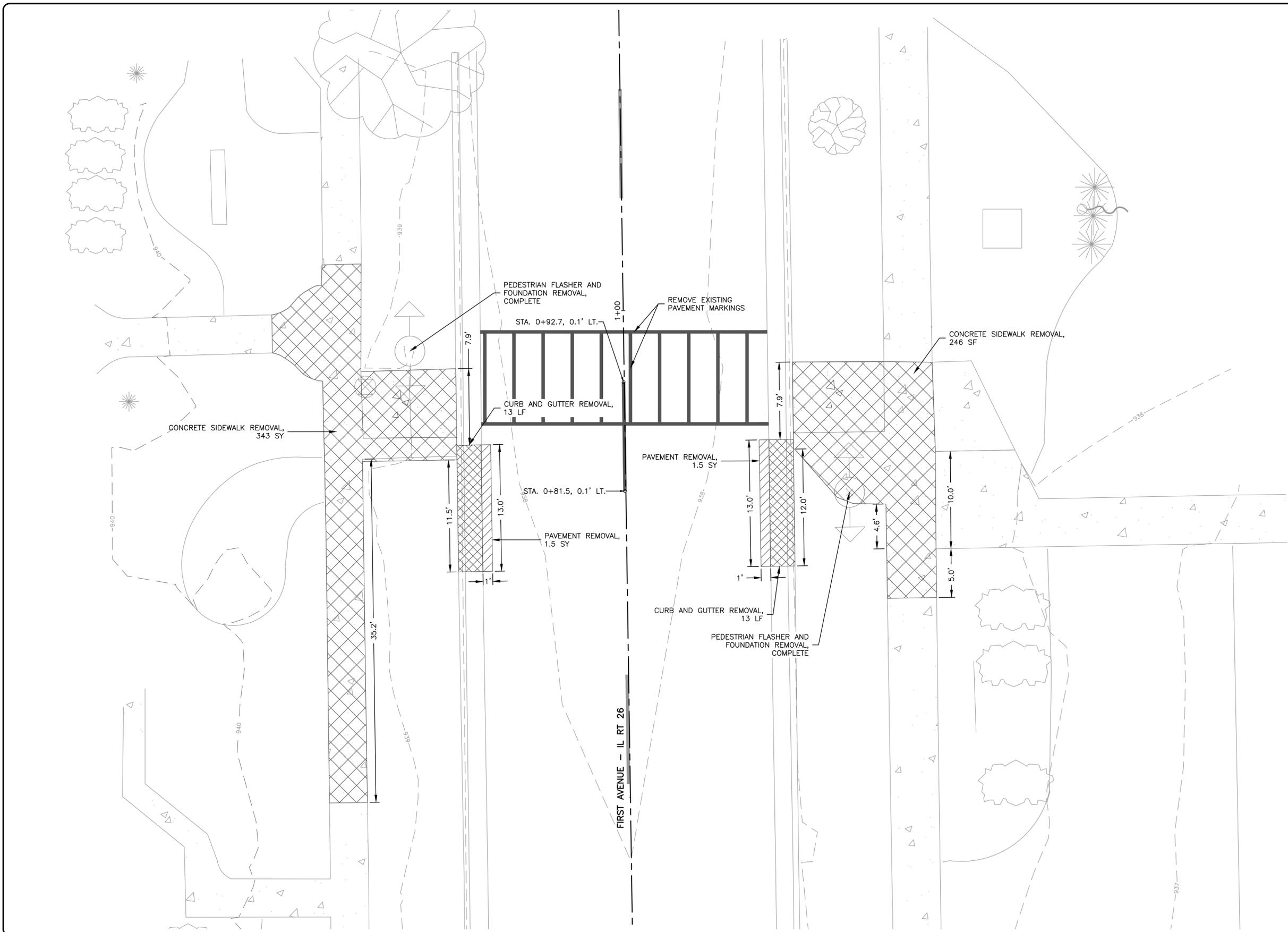
LOCATION AND MIXTURE USE(S):	RESURFACING SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5FG
FRICTION AGGREGATE	D
20 YEAR ESAL	0.0
MIX UNIT WEIGHT	112 LBS/SY/IN
QUALITY MANAGEMENT PROGRAM TO BE USED	QC/QA
SUBLOT TONNAGE	N/A
NUMBER OF ROLLER PASSES	N/A

REVISIONS		
REV. NO.	DESCRIPTION	DATE

**LEGEND**

	CONCRETE SIDEWALK REMOVAL
	CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL

FORRESTON  
GRADE SCHOOL



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

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OWNER/DEVELOPER:  
VILLAGE OF FORRESTON  
102 SOUTH WALNUT STREET  
P.O. BOX 206

PROJECT AND LOCATION:  
SAFE ROUTES TO SCHOOL  
FORRESTON, ILLINOIS

DRAWN BY: MS  
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SCALE: AS NOTED

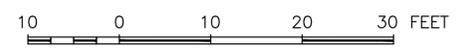
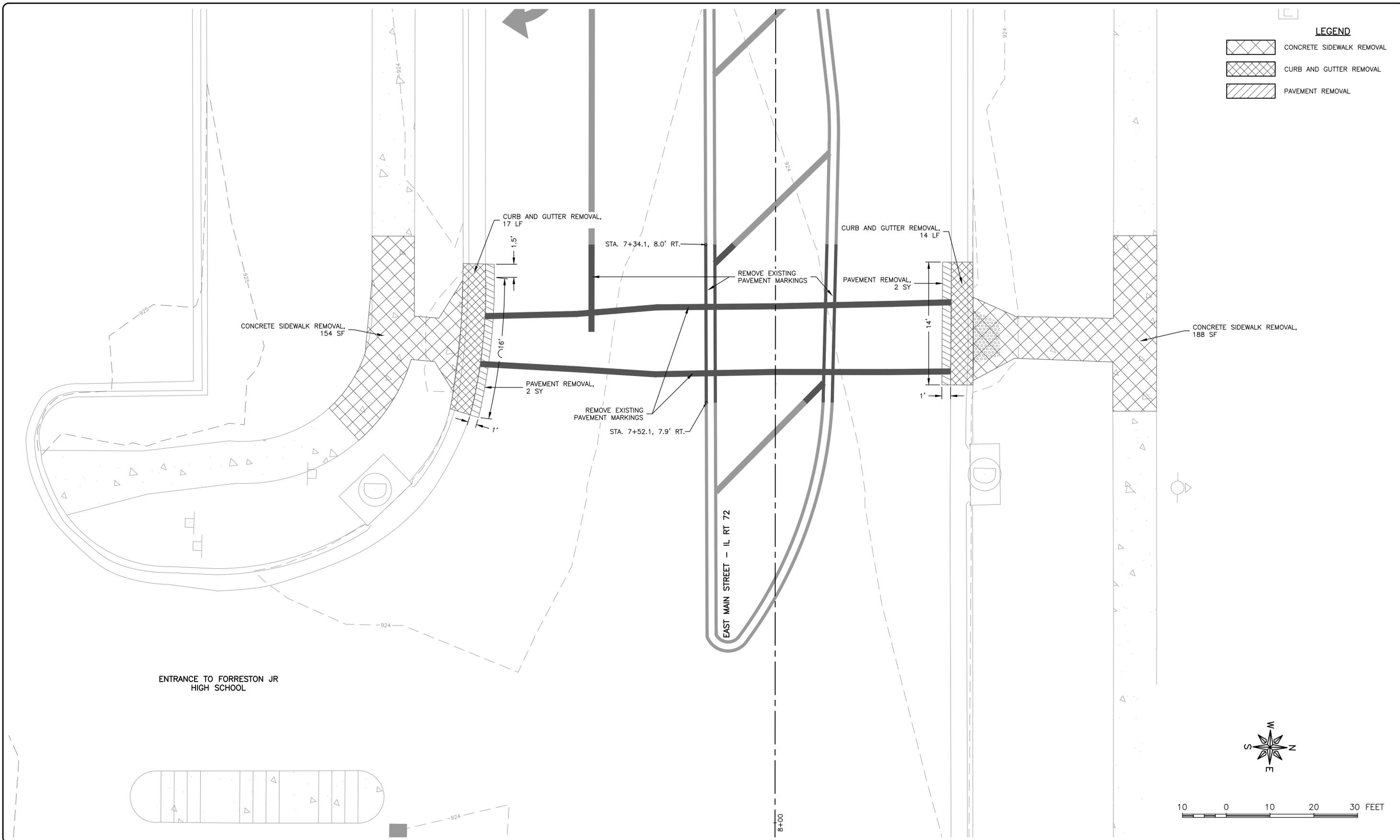
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
REMOVAL PLAN FORRESTON GRADE SCHOOL  
**CONTRACT 85702**  
SET TYPE: FOR BIDDING  
\\rockford\Drawings\C30\19\19-504\19-504 Design.dwg, Rem Grade School

JOB NUMBER:  
19-504  
SHEET NUMBER:  
6 of 15

**LEGEND**

	CONCRETE SIDEWALK REMOVAL
	CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

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VILLAGE OF FORRESTON  
102 SOUTH WALNUT STREET  
P.O. BOX 206

PROJECT AND LOCATION:  
SAFE ROUTES TO SCHOOL  
FORRESTON, ILLINOIS

DRAWN BY: MS  
APPROVED BY: SWG  
DATE: AUG 2020  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
REMOVAL PLAN FORRESTON JR HIGH SCHOOL  
CONTRACT 85702

SET TYPE: FOR BIDDING

JOB NUMBER:  
19-504

SHEET NUMBER:  
7 of 15

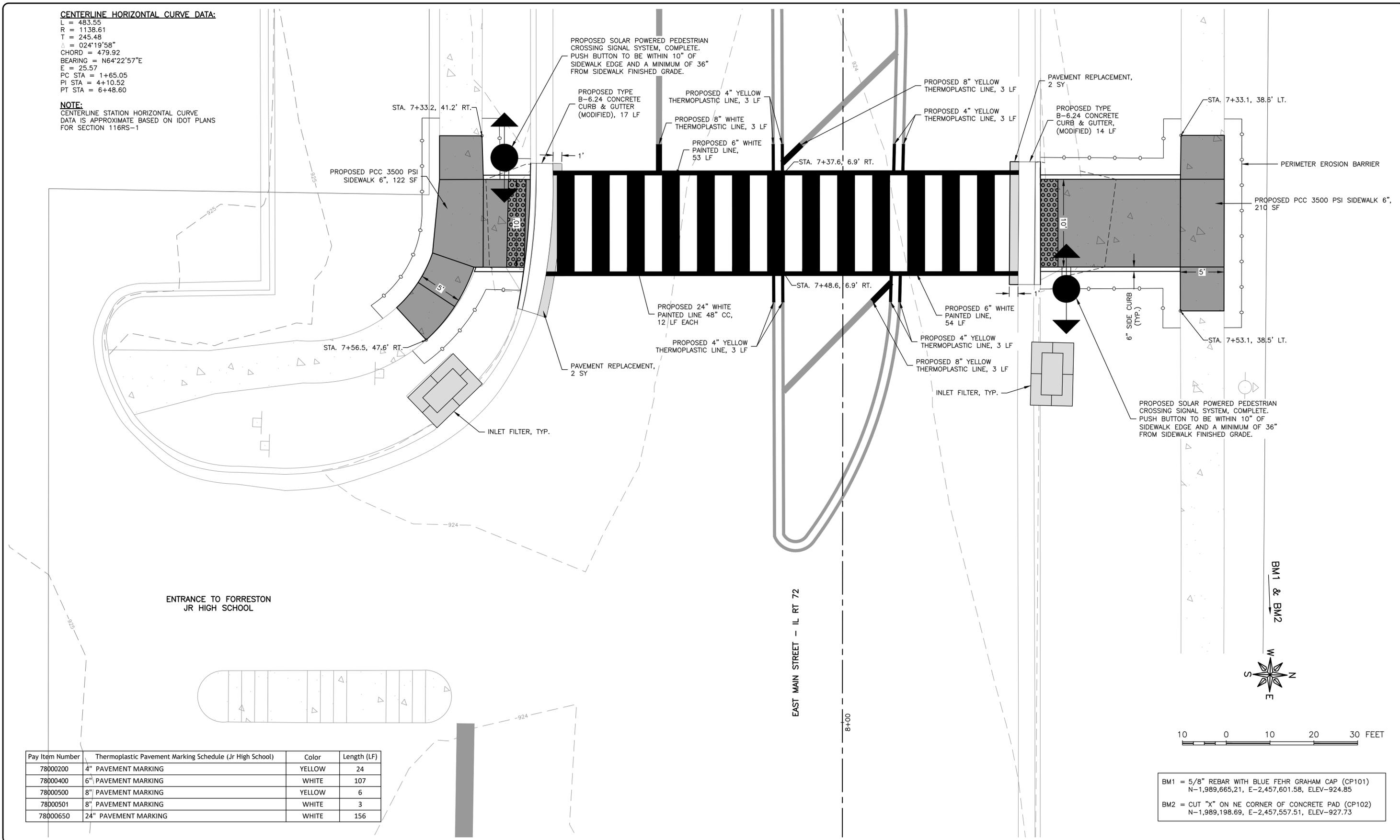


**CENTERLINE HORIZONTAL CURVE DATA:**

L = 483.55  
 R = 1138.61  
 T = 245.48  
 Δ = 024°19'58"  
 CHORD = 479.92  
 BEARING = N64°22'57"E  
 E = 25.57  
 PC STA = 1+65.05  
 PI STA = 4+10.52  
 PT STA = 6+48.60

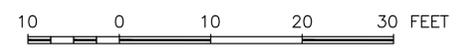
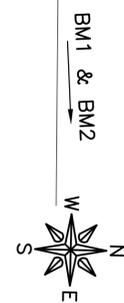
**NOTE:**

CENTERLINE STATION HORIZONTAL CURVE DATA IS APPROXIMATE BASED ON IDOT PLANS FOR SECTION 116RS-1



ENTRANCE TO FORRESTON JR HIGH SCHOOL

EAST MAIN STREET - IL RT 72



BM1 = 5/8" REBAR WITH BLUE FEHR GRAHAM CAP (CP101)  
 N-1,989,665.21, E-2,457,601.58, ELEV-924.85  
 BM2 = CUT "X" ON NE CORNER OF CONCRETE PAD (CP102)  
 N-1,989,198.69, E-2,457,557.51, ELEV-927.73

Pay Item Number	Thermoplastic Pavement Marking Schedule (Jr High School)	Color	Length (LF)
78000200	4" PAVEMENT MARKING	YELLOW	24
78000400	6" PAVEMENT MARKING	WHITE	107
78000500	8" PAVEMENT MARKING	YELLOW	6
78000501	8" PAVEMENT MARKING	WHITE	3
78000650	24" PAVEMENT MARKING	WHITE	156

**FEHR GRAHAM**  
 ENGINEERING & ENVIRONMENTAL  
 ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
 IOWA  
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OWNER/DEVELOPER:  
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 102 SOUTH WALNUT STREET  
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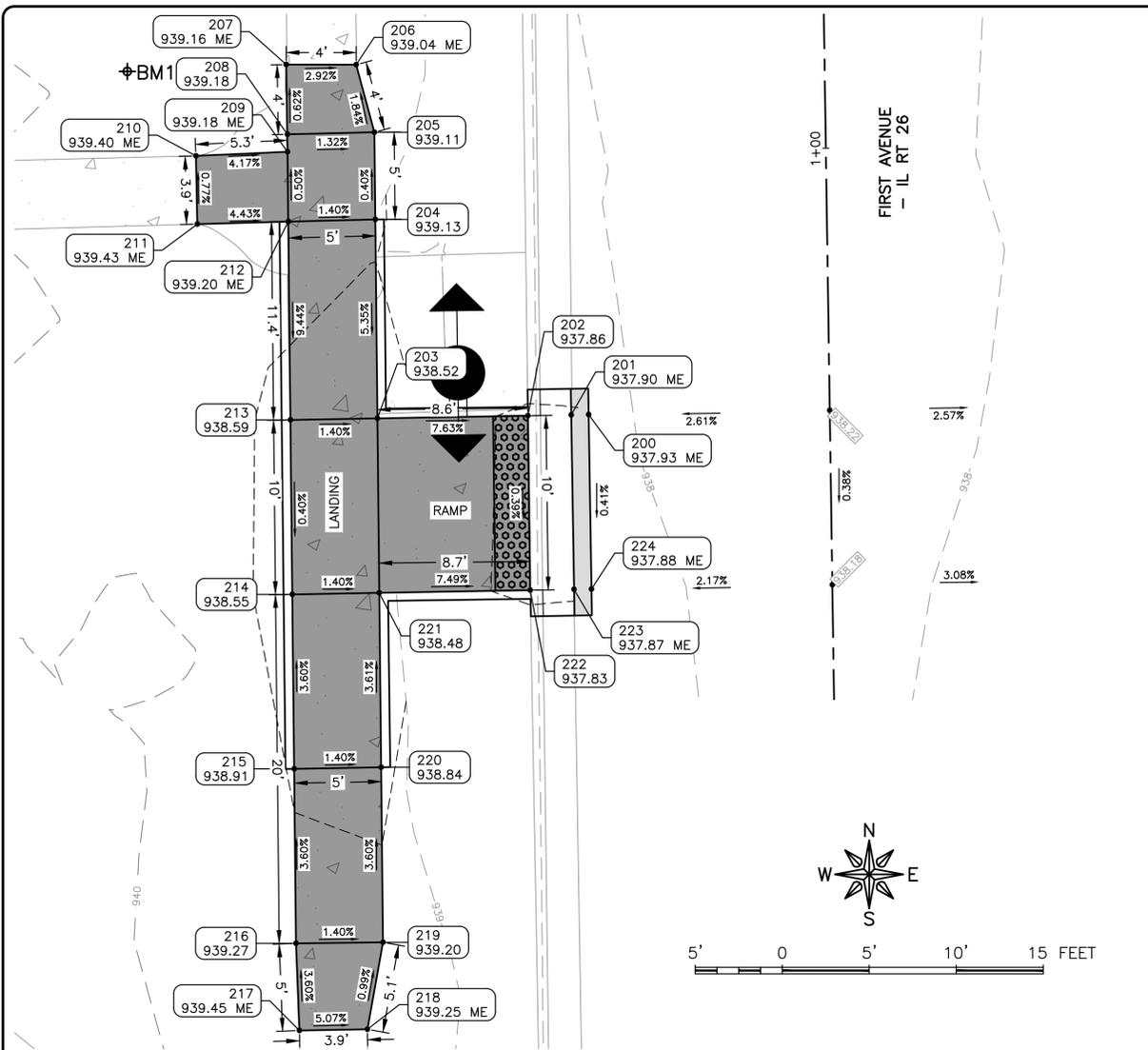
PROJECT AND LOCATION:  
 SAFE ROUTES TO SCHOOL  
 FORRESTON, ILLINOIS

DRAWN BY: MS  
 APPROVED BY: SWG  
 DATE: AUG 2020  
 SCALE: AS NOTED

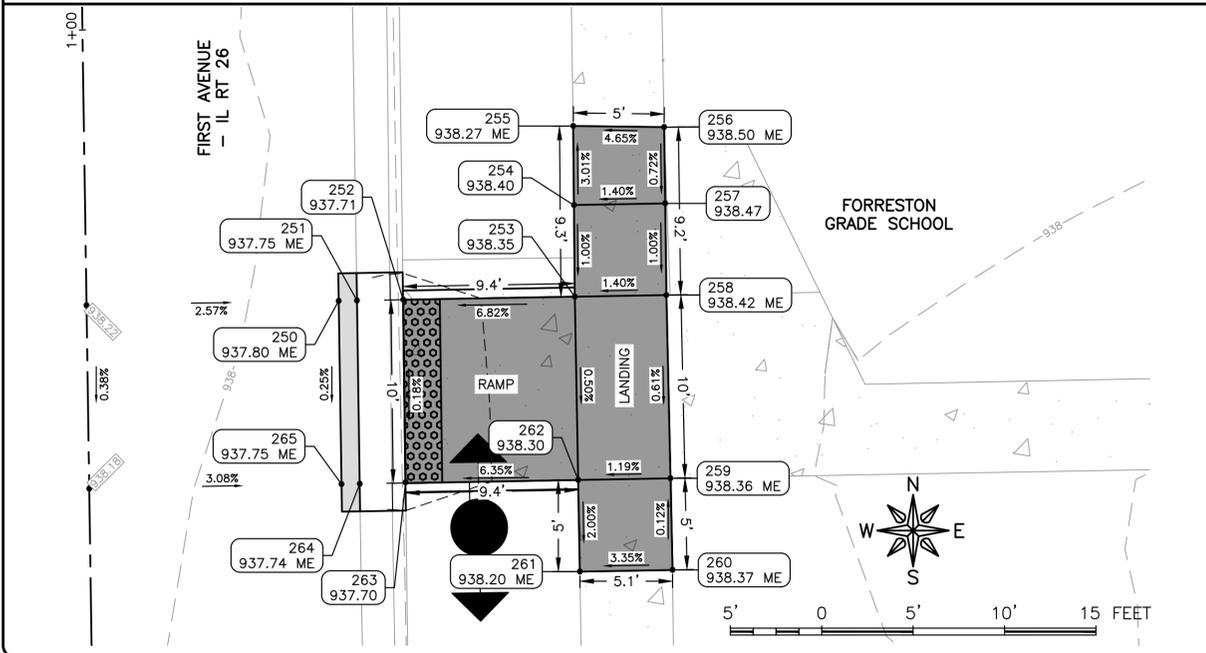
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
 SITE PLAN FORRESTON JR HIGH SCHOOL  
**CONTRACT 85702**  
 SET TYPE: FOR BIDDING

JOB NUMBER:  
 19-504  
 SHEET NUMBER:  
 9 of 15



ADA POINT TABLE			
POINT	STATION	OFFSET	ELEV
200	0+84.93	-13.86	937.93
201	0+84.93	-14.86	937.90
202	0+84.92	-17.34	937.86
203	0+84.90	-25.99	938.52
204	0+96.30	-25.94	939.13
205	1+01.30	-25.92	939.11
206	1+05.19	-26.91	939.04
207	1+05.25	-30.93	939.16
209	1+00.25	-30.93	939.18
210	1+00.10	-36.20	939.40
211	0+96.19	-36.18	939.43
212	0+96.25	-30.95	939.20
213	0+84.88	-30.99	938.59
214	0+74.88	-31.03	938.55
215	0+64.88	-31.08	938.91
216	0+54.88	-31.12	939.27
217	0+49.89	-31.00	939.45
218	0+49.89	-27.09	939.25
219	0+54.87	-26.12	939.20
220	0+64.90	-26.08	938.84
221	0+74.90	-26.04	938.48
222	0+74.92	-17.36	937.83
223	0+74.93	-14.84	937.87
224	0+74.93	-13.84	937.88



ADA POINT TABLE			
POINT	STATION	OFFSET	ELEV
250	0+85.01	13.80	937.80
251	0+85.01	14.80	937.75
252	0+85.02	17.32	937.71
253	0+85.05	26.71	938.35
254	0+90.05	26.74	938.40
255	0+94.36	26.76	938.27
256	0+94.22	31.73	938.50
257	0+90.06	31.73	938.47
258	0+85.06	31.72	938.42
259	0+75.06	31.79	938.36
260	0+70.06	31.83	938.37
261	0+70.05	26.77	938.20
262	0+75.05	26.75	938.30
263	0+75.06	17.31	937.70
264	0+75.01	14.80	937.74
265	0+75.01	13.80	937.75

BM1 = 5/8" REBAR WITH ORANGE CAP (CP1)  
 N-1,988,136.02, E--2,455,925.62, ELEV--939.72  
 BM2 = CUT "X" NE OF CONCRETE SWALE (CP2)  
 N-1,987,597.60, E--2,456,092.63, ELEV--933.84

**FEHR GRAHAM**  
 ENGINEERING & ENVIRONMENTAL  
 ILLINOIS DESIGN FIRM NO. 184-003525  
 ILLINOIS IOWA WISCONSIN

OWNER/DEVELOPER:  
 VILLAGE OF FORRESTON  
 102 SOUTH WALNUT STREET  
 P.O. BOX 206

PROJECT AND LOCATION:  
 SAFE ROUTES TO SCHOOL  
 FORRESTON, ILLINOIS

DRAWN BY: MS  
 APPROVED BY: SWG  
 DATE: AUG 2020  
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
 ADA PLAN FORRESTON GRADE SCHOOL  
 CONTRACT 85702  
 SET TYPE: FOR BIDDING  
 \\rockford\Drawings\C30\19\504\19-504 Design.dwg, ADA Grade School

JOB NUMBER:  
 19-504  
 SHEET NUMBER:  
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**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
VILLAGE OF FORRESTON  
102 SOUTH WALNUT STREET  
P.O. BOX 206

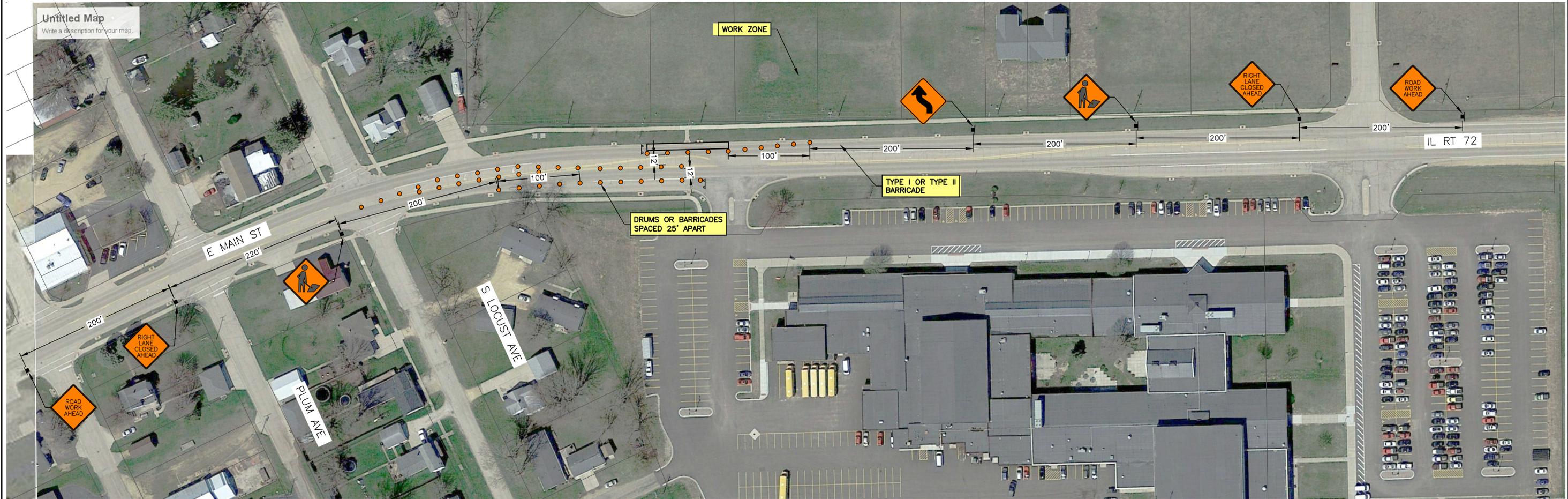
PROJECT AND LOCATION:  
SAFE ROUTES TO SCHOOL  
FORRESTON, ILLINOIS

DRAWN BY: MS  
APPROVED BY: SWG  
DATE: AUG 2020  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
TRAFFIC CONTROL PLAN – GRADE SCHOOL  
**CONTRACT 85702**  
SET TYPE: FOR BIDDING  
\\rockford\Drawings\C30\19-504\19-504 Design.dwg, Grade School M01

JOB NUMBER:  
19-504  
SHEET NUMBER:  
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**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
VILLAGE OF FORRESTON  
102 SOUTH WALNUT STREET  
P.O. BOX 206

PROJECT AND LOCATION:  
SAFE ROUTES TO SCHOOL  
FORRESTON, ILLINOIS

DRAWN BY: MS  
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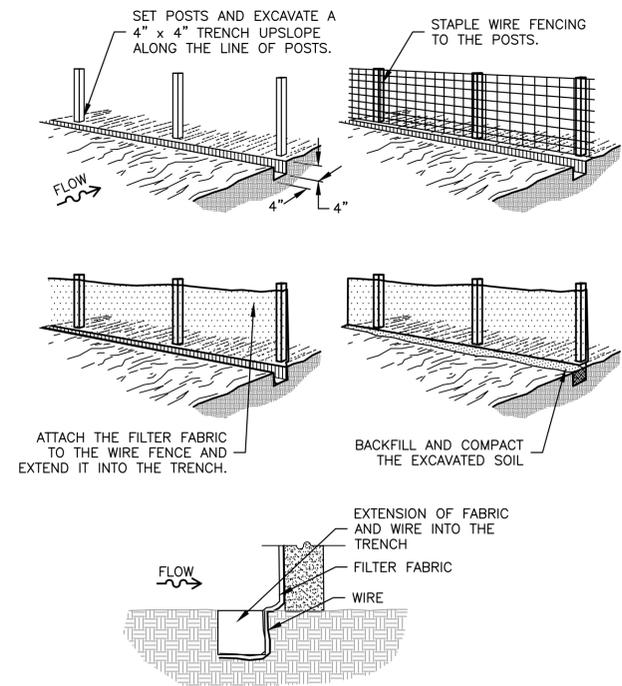
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
TRAFFIC CONTROL PLAN - JR HIGH  
SCHOOL  
**CONTRACT 85702**

SET TYPE: FOR BIDDING  
\\rockford\Drawings\C30\19\19-504\19-504 Design.dwg, High School MOT

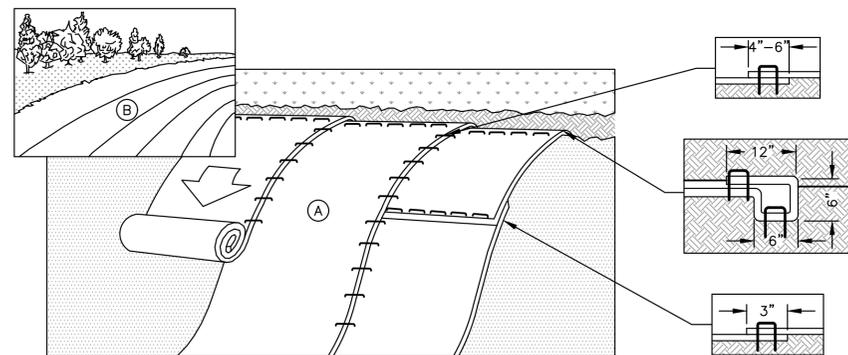
JOB NUMBER:  
19-504

SHEET NUMBER:  
13 of 15



CROSS SECTION OF A SILT FENCE ANCHOR FENCE

SILT FENCE INSTALLATION DETAIL  
N.T.S.



NOTE: PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.

BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP x 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.

ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS PER MANUFACTURER'S RECOMMENDATION.

THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH MINIMUM 6" OVERLAP. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.

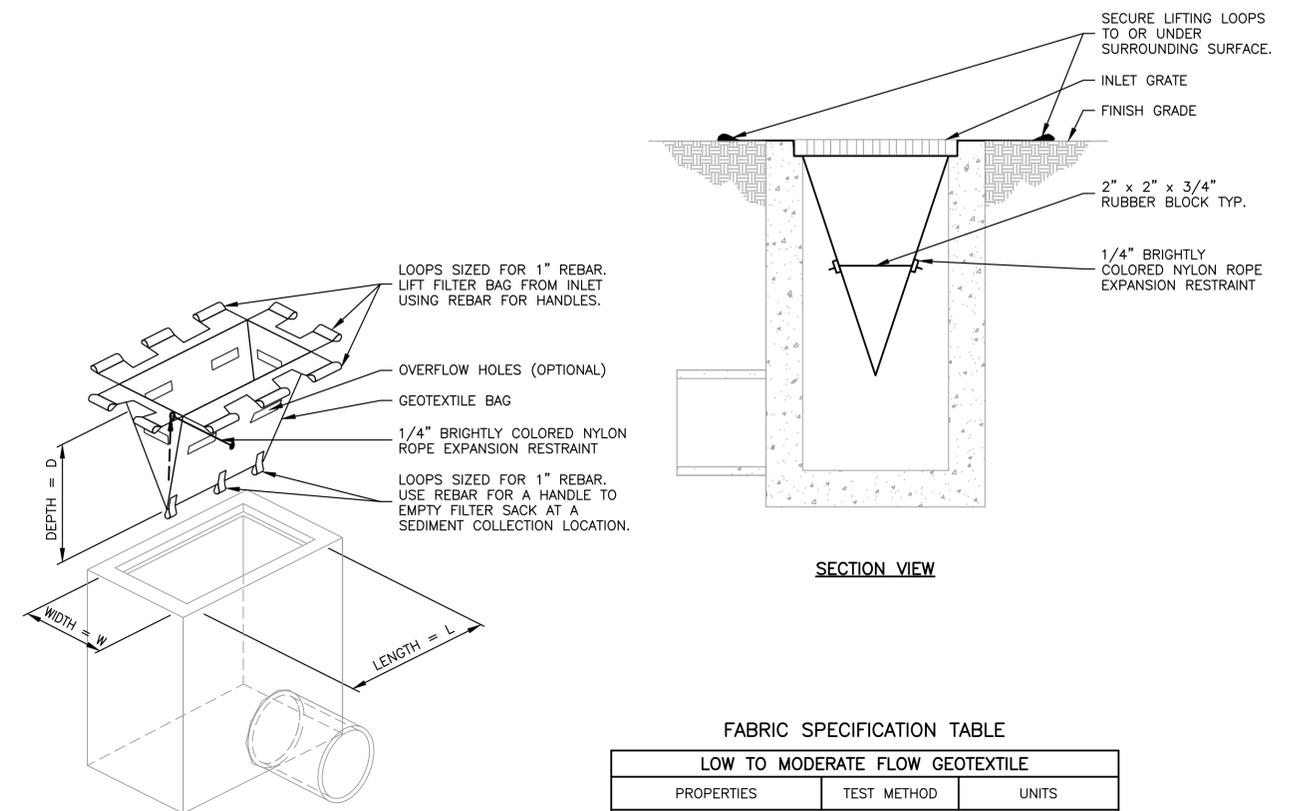
CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.

PLACE STAPLES/STAKES PER MANUFACTURE RECOMMENDATION FOR THE APPROPRIATE SLOPE BEING APPLIED.

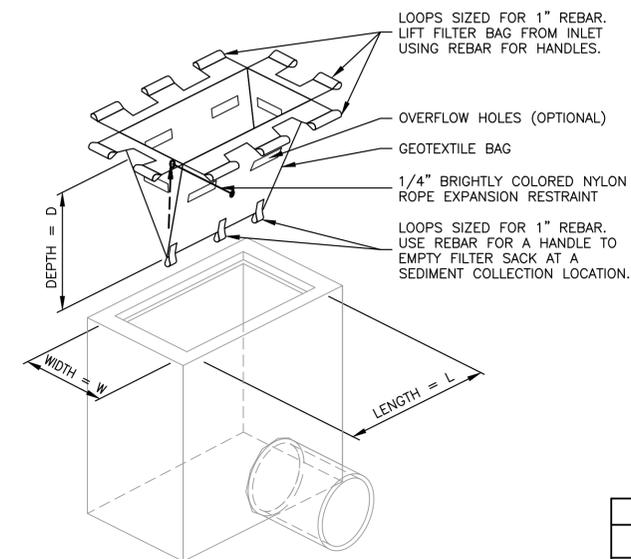
IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

FOLLOW EROSION CONTROL TECHNOLOGY COUNCIL SPECIFICATION FOR PRODUCT SELECTION.

EROSION CONTROL BLANKET INSTALLATION DETAIL  
N.T.S.



SECTION VIEW



ISOMETRIC VIEW

FABRIC SPECIFICATION TABLE

LOW TO MODERATE FLOW GEOTEXTILE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	120 LBS
MULLEN BURST	ASTM D-3786	800 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
UV RESISTANCE	ASTM D-4355	80 %
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.55 SEC -1
MODERATE TO HIGH FLOW GEOTEXTILE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC -1

NOTE: REMOVE TRAPPED SEDIMENT WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.

GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.

PLACE AN OIL ADSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN.

INSPECT PER REGULATORY REQUIREMENTS.

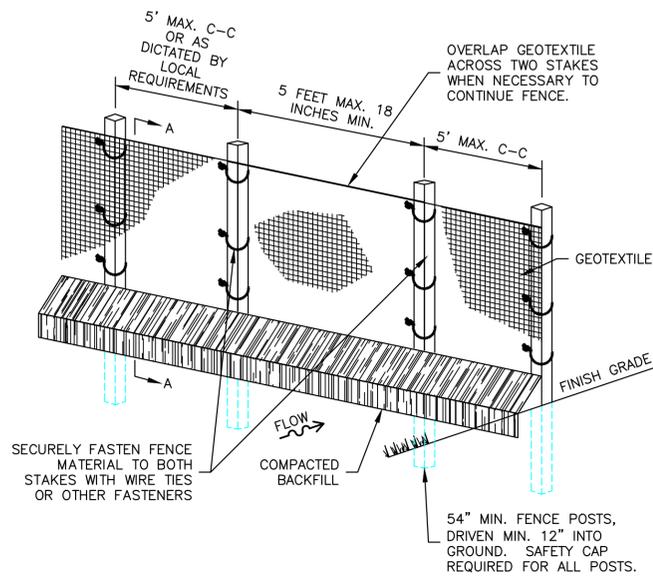
THE WIDTH, "W", OF THE FILTER SACK SHALL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.

THE DEPTH, "D", OF THE FILTER SACK SHALL BE BETWEEN 18 INCHES AND 36 INCHES.

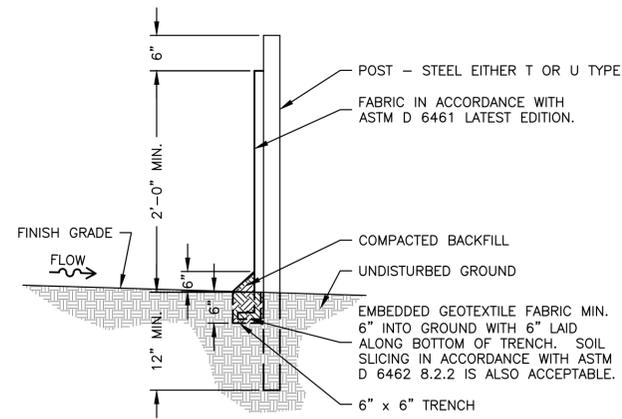
THE LENGTH, "L", OF THE FILTER SACK SHALL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.

FILTER SACK FOR GRATED INLET DETAIL  
N.T.S.

REVISIONS		
REV. NO.	DESCRIPTION	DATE



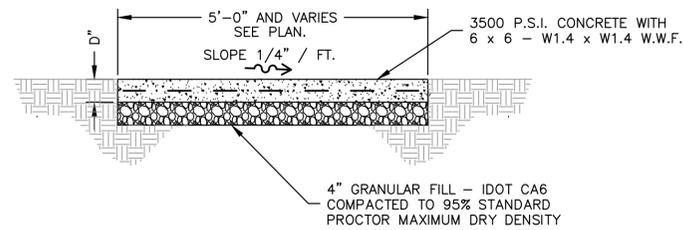
**ELEVATION**



**SECTION A - A**

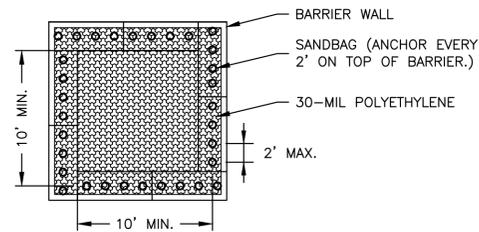
NOTE: INSTALLATION SHALL COMPLY WITH ASTM D 6462 LATEST EDITION.  
 GEOTEXTILE TO BE FASTENED SECURELY TO STAKES.  
 WHEN TWO SECTIONS OF GEOTEXTILE ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 18 TO 60 INCHES AS SHOWN.  
 COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

**SILT FENCE WITHOUT WIRE SUPPORT DETAIL**  
N.T.S.

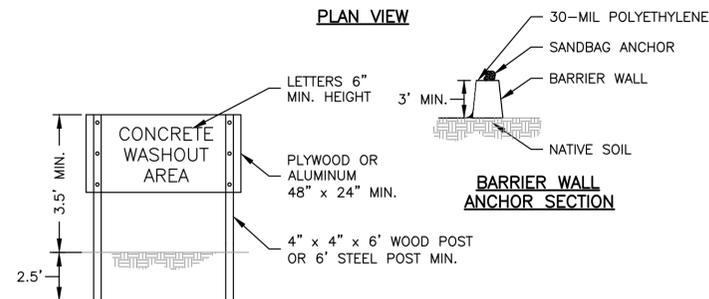


NOTE: WALK CONSTRUCTED OF 3500 PSI CONCRETE WITH 5 - 8% AIR ENTERTAINMENT, 3/4" MAX. AGGREGATE SIZE TO A MINIMUM THICKNESS OF 6" WITH 6 x 6 - 10/10 W.W.M. CONTINUOUS. WALK TO BE FINISHED WITH A FLOAT, STEEL TROWEL AND BARN BROOM FINISH WITH 6" TOOLED JOINTS AND EDGES. FORMED JOINTS TO BE FINISHED WITH A TOOL HAVING A 1/4" RADIUS.  
 INSTALL 1/2" WIDE EXPANSION JOINTS WITH BITUMINOUS JOINT FILLER AT 30'-0" O.C. (EXTEND FULL DEPTH OF WALK).  
 SCORE TOOLED JOINTS (1/2 D DEEP) AT 5'-0" O.C. UNLESS OTHERWISE NOTED.  
 INSTALL 1/2" WIDE BITUMINOUS ISOLATION JOINT WHERE SIDEWALK ABUTS A CURB, CONCRETE DRIVEWAY, STRUCTURE OR AT AN ADJACENT CURB JOINT (EXTEND FULL DEPTH OF WALK).  
 DEPTH D = 6" EXCEPT AT DRIVEWAYS WHERE D = 7".  
 SIDEWALK RAMPS AT DRIVES TO BE CONSTRUCTED ACCORDING TO IDOT STANDARD No. 424001.

**SIDEWALK DETAIL**  
N.T.S.



**PLAN VIEW**



**SIGN DETAIL**

NOTE: MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

**CONCRETE WASH OUT PIT DETAIL**  
N.T.S.

REVISIONS		
REV. NO.	DESCRIPTION	DATE