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PHASE 1 - BIDDING

RELEASE



ARCHITECTURAL DRAWINGS

AS001 ARCHITECTURAL SITE PLAN

A-402 ENLARGED PRESSBOX PLANS

A-202 EXTERIOR ELEVATIONS & SECTIONS - BLEACHERS

A-102 BLEACHER FLOOR PLANS

GENERAL DRAWINGS

SCHEDULE OF DRAWINGS

Eldridge, IA 52748



'HE MUNICIPAL AUTHORITY GOVERNING THIS WORK IS THE CITY OF ELDRIDGE.	EARTHWORK AND GRADING	PAVING	STANDARD UTILITY PROVISIONS
LL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING SPECIFICATIONS. IF	 SOIL EROSION CONTROL SPECIFICATIONS SHALL BE CONSIDERED AS PART OF THIS SECTION. ALL SOIL EROSION CONTROLS SHALL BE IN PLACE BEFORE THE START OF ANY SITE WORK, PER THE APPROVED EROSION CONTROL PLANS AND SWPPP. 	 CONCRETE CURBS (& GUTTERS IF APPLICABLE): A. ALL CURB AND GUTTER SHALL BE CONSTRUCTED WITH IOWA DOT CLASS C CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSLAT 28 DAYS, ALL CONCRETE SHALL HAVE A MINIMUM ELEXTIPAL 	 12. ALL UTILITY CONSTRUCTION WORK SHALL GOVERNED BY: STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) LATEST EDITION. MUNICIPAL # OCAL REQUIREMENTS
 A. IOWA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION" LATEST EDITION (STANDARD SPECIFICATIONS) 	 SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE IOWA DNR REGULATIONS AND CITY OF ELDRIDGE GUIDELINES SHALL BE FOLLOWED AT THE DISCRETION OF THE MUNICIPALITY. STOCK BUILING OF SOIL SHALL BE AT LOCATIONS ADDROVED BY THE OWNER. 	B. CONTRACTION JOINTS SHALL BE SAW-CUT AT 20 FOOT INTERVALS AND CAULKED WITH JOINT SEALANT.	 MUNICIPAL/LOCAL REQUIREMENTS ROADWAY AUTHORITIES REQUIREMENTS 2. ALL UTILITY TRENCHES UNDER AND WITHIN TWO FEET OF PAVEMENT, SIDEWALK, CURB AND GUTT SHALL BE BACKELLED WITH CRANUL AR BACKELL, COMPACTED IN STULETS TO 95% OF MODIFIED PROCESSION
 B. STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) LATEST EDITION. C. THE MUNICIPALITY'S CODES, REGULATIONS, ORDINANCES AND STANDARDS. 	 STOCKPILING OF SOIL SHALL BE AT LOCATIONS APPROVED BY THE OWNER. PROPOSED PAVEMENT AREAS AND WHEN APPLICABLE, BUILDING PADS, DRIVEWAYS AND SIDEWALKS SHALL BE EXCAVATED OR FILLED TO PLUS OR MINUS 0.1 FOOT OF DESIGN SUBGRADE ELEVATIONS BY THE CONTRACTOR. 	C. PREFORMED FIBER BOARD EXPANSION JOINTS, 3/4 INCH THICK, SHALL BE PLACED FIVE FEET EITHER SIDE OF STORM STRUCTURES IN CURB AND GUTTER, AT CURB RETURNS AND AT POINTS OF CURVATURE, AT ALL CONNECTIONS BETWEEN NEW AND EXISTING CURB AND GUTTER, AND AT 40 FOOT INTERVALS ON	 3. UTILITY CONNECTIONS WITHIN THE STREET RIGHT OF WAY SHALL BE ACCOMPLISHED BY SAW CUT
HE PROJECT SPECIFICATIONS SHALL GOVERN THE CONSTRUCTION OF THIS DEVELOPMENT WITH THE ABOVE PECIFICATIONS. WHERE ANY CONFLICT MAY OCCUR, THE CONTRACTOR SHALL SUBMIT IN WRITING A NOTICE)F SUCH CONFLICT TO THE OWNER'S REPRESENTATIVE OR ENGINEER FOR A WRITTEN DECISION ON WHICH MAY GOVERN.	PRIOR TO PLACEMENT OF ANY PAVEMENTS, CURBS, WALK, ETC., THE SUBGRADE SHALL BE PROOF-ROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK, MINIMUM OF 20 TONS. PROOF-ROLLING SHALL BE WITNESSED THE GEOTECHNICAL ENGINEER, PROVIDED BY THE CONCTRACTOR, AND THE OWNER'S REPRESENTATIVE. THE DENSITY OF IN-PLACE BASE, SUBGRADE AND ASPHALT PAVEMENT MATERIALS SHALL BE TESTED BY THE	D. 2-#5 DOWELS, 2 FEET LONG, SHALL BE PROVIDED AT ALL EXPANSION JOINTS AND AT CONNECTIONS BETWEEN EXISTING AND NEW CURB AND GUTTER. DOWELS SHALL BE CENTERED ON THE JOINT, (DRILLED	 REMOVING EXISTING PAVEMENT. BACKFILL AND RESTORATION SHALL BE DONE IN ACCORDANCE \ REQUIREMENTS OF THE STREET JURISDICTIONAL AUTHORITY. 4. THE UNDERGROUND CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, SHALL REMOVE AND DIS
I THE EVENT OF CONFLICTS, ERRORS, OR AMBIGUITIES IN THE DOCUMENTS CLIENT AND OR CONTRACTOR HALL IMMEDIATELY, AND BEFORE ANY WORK HAS BEGUN OR COSTS INCURRED, REQUEST CLARIFICATION ROM THE ENGINEER WHOSE INTERPRETATION SHALL BE FINAL AND BINDING UPON ALL PARTIES CONCERNED. JEITHER CLIENT NOR CONTRACTOR SHALL TAKE ADVANTAGE OF CONFLICTS, ERRORS, OR AMBIGUITIES IN THE	 GEOTECHNICAL ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED TO THE ENGINEER FOR CONFIRMATION OF THE CONTRACTORS COMPACTION EFFORTS. 5. THE SUBGRADE SHALL BE FREE OF UNSUITABLE MATERIAL AND SHALL BE COMPACTED TO A MINIMUM OF NINETY-FIVE (95) PERCENT OF MODIFIED PROCTOR DENSITY. PER ASTM D-1557. TESTING FOR COMPACTION 	INTO EXISTING CURB AND GUTTER), AND SHALL BE INSTALLED WITH GREASE CAPS ON ONE SIDE. E. THE PROPOSED CURB AND GUTTER AND PAVEMENT SHALL BE OF THE TYPE AND THICKNESS AS SPECIFIED IN THESE DRAWINGS, AND CONSTRUCTED IN CONFORMANCE WITH THE IOWA DOT "STANDARD SPECIFICATIONS" PREVIOUSLY REFERENCED AND THE REQUIREMENTS OF THE GOVERNING	OFFSITE ANY EXCESS DIRT OR MATERIALS. 5. "BAND/SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWEF DISSIMILAR MATERIALS.
OCUMENTS. OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. FAILING TO SECURE SUCH LARIFICATION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND XPENSE.	 SHALL BE THE RÉSPONSIBILITY OF THE CONTRACTOR. 6. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY. 	MUNICIPALITY. F. ALL JOINTS SHALL BE SEALED WITH CONCRETE JOINT SEALANT PER NOTE 6 BELOW. 4 CONCRETE SIDEWALK (IF APPLICABLE)	6. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER MAIN AND ANY WHEN THEY ARE PARALLEL. WHENEVER A SEWER CROSSES A WATER MAIN, A MINIMUM VERTICAL DIST 18 INCHES MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE PIPES, AND THE SEWER JOINTS ARRA THEY ARE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS. WHEN IT IS NE FOR A SEWER TO CROSS OVER THE TOP OF A WATER MAIN WITH 18" SEPARATION. OR THE SEWER
ONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE HIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE TO BE CONSIDERED A PART OF THE CONTRACT.	 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL SPOILS MATERIAL AS NECESSARY, PREPARING 	A. ALL SIDEWALK (IF AIT LICABLE). A. ALL SIDEWALK SHALL BE CONSTRUCTED WITH IOWA DOT CLASS C CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. ALL CONCRETE SHALL HAVE A MINIMUM FLEXURAL STRENGTH OF 650 PSI. ALL CONCRETE SHALL BE BROOM FINISHED.	UNDER THE WATERMAIN WITH LESS THAN 18" VERTICAL SEPARATION, OR 10' HORIZONTAL SEPARATIC MAINTAINED, THEN THE FOLLOWING METHOD MUST ALSO BE CONSTRUCTED: A. THE SEWER SHALL BE DESIGNED AND CONSTRUCTED EQUAL TO THE WATER MAIN PIPE FOR THE
HE IMPROVEMENTS CONSTRUCTED UNDER THESE CONTRACT DOCUMENTS. HE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES INDICATED ON THE ENGINEERING PLANS. HE QUANTITIES SHOWN ARE ESTIMATED FOR BIDDING PURPOSES ONLY, ANY DISCREPANCIES SHALL BE	 THE PAVEMENT SUBGRADE, PLACING REQUIRED DEPTH OF TOPSOIL TO FINISH GRADE, GRADING OF DRAINAGE SWALES, AND ALL OTHER TASKS AS DIRECTED BY THE OWNER OR ENGINEER. 8. UPON COMPLETION OF THE SURFACE IMPROVEMENTS, THE CONTRACTOR SHALL RE-SPREAD A MINIMUM OF A 6" 	B. TOOLED CONTRACTION JOINTS SHALL CONSTRUCTED AT EVERY ±5', OR AS SHOWN ON PLANS. TOOLED CONTRACTION JOINTS SHALL EXTEND TO 1/4 THE DEPTH OF THE SIDEWALK AND SHALL BE 1/4 INCH IN WIDTH.	LENGTH OF THE INADEQUATE HORIZONTAL SEPARATION OR FOR A DISTANCE OF TEN (10) FEET EITHER SIDE OF A CROSSING AND SHALL BE PRESSURE-TESTED TO INSURE WATER TIGHTNESS PRIOR TO BACKFILLING.
EPORTED TO ENGINEER. THE BIDDER SHALL CAREFULLY EXAMINE ALL CONTRACT DOCUMENTS, VISIT THE ROJECT SITE AND FULLY INFORM THEMSELVES AS TO ALL CONDITIONS AND MATTERS WHICH CAN AFFECT HEIR WORK AND THE COST THEREOF. ANY DISCREPANCIES, OMISSIONS OR DOUBTS IN INTENT OF THE PLANS HALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY AND OBTAIN CLARIFICATION PRIOR TO	 LAYER OF TOPSOIL ON ALL DISTURBED PARKWAY AND LANDSCAPED/LAWN AREAS AND RESTORE WITH SOD. 9. ALL DISTURBED LAWN AREAS SHALL BE COVERED WITH TOP SOIL, FINE GRADED, SEEDED, AND FERTILIZED. AREA TO BE COVERED WITH EROSION CONTROL BLANKETS OR OTHER METHOD APPROVED BY THE OWNER. 	C. PREFORMED FIBER BOARD EXPANSION JOINTS, 3/4" THICK, SHALL BE PLACED EVERY 100' AND AT ALL ABUTTING DRIVEWAYS AND CURB AND GUTTER. FOR SIDEWALK ADJACENT TO CURB, EXPANSION JOINT SPACING SHALL MATCH CURB EXPANSION JOINTS AS PRACTICAL. FIBER BOARDS SHALL BE PLACED 1/2	 B. FOR A STORM SEWER CROSSING, THE RCP STORM SEWER(ASTM C-361) SHALL BE CONSTRUCTED WITH O-RING GASKETED JOINTS (C-443) FOR A DISTANCE OF TEN (10') FEET EITHER SIDE OF A CROSSING.
UBMITTING OF ANY BID. HE IMPROVEMENTS SHOWN ON THE ENGINEERING PLANS SHALL CONSIST OF FURNISHING ALL LABOR, /ATERIAL AND EQUIPMENT, ETC., AS NECESSARY TO PERFORM THE WORK INDICATED.	 10. LAWN SEED MIXTURE: 70% KENTUCKY BLUEGRASS 20% CREEPING RED FESCUE 	 INCH BELOW THE FINISHED SURFACE OF THE SIDEWALK AND CAULKED WITH JOINT SEALANT, MATCHING THE COLOR OF THE SIDEWALK. D. PREFORMED EXPANSION JOINTS, 1/2" THICK, SHALL BE PLACED BETWEEN BUILDINGS, LIGHT POLES, TRAFFIC CLOUDER AND CAULKED WITH JOINT SEALANT, MATCHING THE SIDEWALK. 	7. ALL CAST AND DUCTILE IRON PIPE AND FITTINGS SHALL BE ENCASED IN A 8-MIL POLYETHYLENE TUBI TUBING SHALL COMPLY WITH THE AMERICAN NATIONAL STANDARD FOR POLYETHYLENE ENCASEM GRAY AND DUCTILE IRON PIPING ANSI/AWWA C105/72/A21.5 OR AS REVISED. INSTALLATION PROCEDUR BE THOSE AS RECOMMENDED BY THE CAST IRON PIPE RESEARCH ASSOCIATION.
O CONSTRUCTION PLANS SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR ONSTRUCTION".	 10% FINE-LEAFED PERENNIAL RYEGRASS 13. FERTILIZER FOR PERMANENT SEEDING: APPLY A 13-13-13 COMMERCIAL FERTILIZER OR THE EQUIVALENT UNITS OF NITROGEN, PHOSPHATE AND POTASH. APPLY AT THE RATE OF 10 LBS/1,000 SF. 	TRAFFIC SIGNALS, AND OTHER RIGID STRUCTURES AND CAULKED WITH JOINT SEALANT, MATCHING THE COLOR OF THE SIDEWALK. E. ALL SIDEWALKS CROSSING UTILITY TRENCHES SHALL HAVE TWO #4 REINFORCING BARS. 10 FOOT LONG.	8. ALL MANHOLES, CATCH BASINS, INLETS AND VALVE VAULTS SHALL BE CONSTRUCTED OF REIF PRECAST CONCRETE RING CONSTRUCTION WITH TONGUE AND GROOVE JOINTS IN CONFORMANCE ' LATEST REVISION OF ASTM C-478. ALL STRUCTURE SECTIONS AND ADJUSTING RINGS SHALL BE §
LL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH OSHA REQUIREMENTS AND MUNICIPALITY .EGULATIONS AND STANDARDS AND SHALL CONFORM IN ALL RESPECTS TO ALL STATE AND FEDERAL LAWS.	14. SEEDING PROTECTION OR MULCHING: A. USE "NETLESS" EROSION CONTROL BLANKET SUCH AS FUTERRA F4 OR EQUIVALENT. B. CONTRACTOR MAY PROPOSE AN ALTERNATE PROPULT OR METHOD WITH THE APPROVAL FROM THE	 CENTERED OVER TRENCH. 5. CONCRETE PAVEMENT AND DRIVE APRONS (IF APPLICABLE): 	SEALED TO EACH OTHER AND TO CASTING USING RESILIENT FLEXIBLE NON-HARDENING PRE BITUMINOUS MASTIC (REM-NEK OR APPROVED EQUAL) OR BUTYL RUBBER JOINT SEALER (EASY & APPROVED EQUAL). CONTRACTOR SHALL REMOVE EXCESS MASTIC INSIDE STRUCTURE AND BUTTE
OT BE EITHER ACCURATE OR COMPLETE. THE CONTRACTOR MUST CALL 811 AT LEAST 48 HOURS BEFORE THE TART OF ANY CONSTRUCTION WORK. THE CONTRACTOR SHALL ON HIS INITIATIVE AND AT NO EXTRA COSTS IAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF SUCH PIPE, OTHER	 B. CONTRACTOR MAY PROPOSE AN ALTERNATE PRODUCT OR METHOD WITH THE APPROVAL FROM THE ENGINEER. C. INSTALL PER MANUFACTURER DIRECTION AND GUIDELINES. 15. EXECUTION AND SEEDING DATES: 	A. CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH IOWA DOT CLASS C CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. ALL CONCRETE SHALL HAVE A MINIMUM FLEXURAL STRENGTH OF 650 PSI. ALL CONCRETE SHALL BE BROOM FINISHED. IF A HIGH EARLY CONCRETE MIX IS REQUIRED TO REDUCE TRAFFIC CLOSURES, CLASS M, WITH PRIOR APPROVAL OF THE ENGINEER, MAY BE	WITH MORTAR. ALL STORM AND SANITARY STRUCTURES SHALL HAVE OFFSET CONES, EXCEPT WHERE RESTRICTIONS REQUIRE A REINFORCED CONCRETE FLAT TOP. VALVE VAULTS SHALL HAVE CON CONES. A MAXIMUM OF 2 PRECAST CONCRETE ADJUSTMENT RINGS LIMITED TO 8 INCHES TOTAL HEIG ¹ BE PERMITTED. MOLDED PLASTIC, REINFORCED, MANHOLE STEPS SHALL BE PROVIDED. CONTRACT(ADJUST STRUCTURES TO FINISHED GRADE AS NEEDED.
BSTRUCTIONS OR FROM ANY DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR HALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND STRUCTURES. THE CONTRACTOR IS ESPONSIBLE FOR CONTACTING ALL NON-SUBSCRIBING UTILITIES. THE CONTRACTOR(S) SHALL CONTACT OCAL UTILITY LOCATION SERVICE FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. IF ANY EXISTING JTILITIES ARE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION. THEY SHALL BE REPAIRED PROPERLY BY	 A. SEEDING DATES: MARCH 15 TO JUNE 15 OR FROM AUGUST 15 TO SEPTEMBER 30. B. SOW ONLY WHEN TEMPERATURE, MOISTURE AND CONDITIONS PROMOTE GERMINATION AND GROWTH. C. APPLY AT A RATE OF 4 LBS/1,000 SF. D. SEEDING OUTSIDE OF THE SPECIFIED SEEDING DATES IS ALLOWED AT THE RISK OF THE 	 SUBSTITUTED. B. ADEQUATE CONSTRUCTION JOINTS, CONTRACTION JOINTS FOR ISOLATION JOINTS SHOULD BE PROVIDED IN THE AREAS OF RIGID PAVEMENT TO REDUCE THE IMPACTS OF CRACKING AND SHRINKAGE. PLEASE REFER TO ACI 330R-01 GUIDE FOR DESIGN OF CONCRETE PARKING LOTS. 	
HE CONTRACTOR. IF THEY ARE UTILITIES TO BE ABANDONED, THEY SHALL BE CAPPED, SEALED AND BANDONED PROPERLY PER THEIR RESPECTIVE OWNER'S CRITERIA. THE MUNICIPALITY SHALL BE NOTIFIED 48 HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY APPROVED	CONTRACTOR. 16. WATER SEEDED AREAS IMMEDIATELY AFTER PLANTING AND CONTINUING AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE FOR PROMOTION OF GROWTH. APPLY IN A MANNER THAT DOES NOT CREATE RUTS ON	C. CONCRETE PAVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 4100 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," AND SUPPLEMENTAL SPECIFICATIONS, LATEST EDITIONS.	STANDARD STORM SEWER PROVISIONS
ONSTRUCTION ACTIVITY AND TO SCHEDULE ALL REQUIRED INSPECTIONS. ASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC GIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORD.	SURFACE. OWNER WILL SUPPLY ADEQUATE SUPPLY OF POTABLE WATER ON SITE. CONTRACTOR SHALL FURNISH NECESSARY EQUIPMENT FOR WATERING AS NEEDED. (HOSES, ATTACHMENTS, ETC.) 17. IN AREAS WHERE ORIGINAL SEED HAS FAILED TO GROW, CONTRACTOR SHALL RESEED AT DIRECTION OF	D. ALL JOINTS, WITH THE EXCEPTION OF SAWED JOINTS, SHALL BE SEALED WITH CONCRETE JOINT SEALANT PER NOTE 6 BELOW.	1. STORM SEWER SHALL BE CONSTRUCTED OF ONE OR MORE OF THE FOLLOWING MATERIALS AS SPEC' THE PLANS:
XCAVATIONS SHOULD COMPLY WITH THE REQUIREMENTS OF OSHA 29CFR, PART 1926, SUBPART P, EXCAVATIONS" AND ITS APPENDICES, AS WELL AS OTHER APPLICABLE CODES. THIS DOCUMENT STATES THAT THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF STABLE, TEMPORARY EXCAVATIONS. THE EXCAVATIONS SHOULD NOT ONLY BE IN ACCORDANCE WITH CURRENT OSHA EXCAVATION	OWNER. RE-SEEDING SHALL BE PERFORMED AS SPECIFIED HEREIN AT THE EXPENSE OF THE CONTRACTOR.	 CURING AND PROTECTION OF ALL CONCRETE SHALL BE IN CONFORMANCE WITH SECTION 4105 OF THE STANDARD SPECIFICATIONS, PREVIOUSLY REFERENCED. CONCRETE JOINT SEALANT SHALL BE MASTERSEAL SL 1, POURTHANE SL, SIKAFLEX 1C SL OR APPROVED EQUAL, MATCHING THE COLOR OF THE CONCRETE 	A. ADS HP-STORM HDPE HIGH PERFORMANCE PIPE, PER ASTM F-2881, WITH JOINTS PER ASTM INSTALLED AND BACKFILLED PER MANUFACTURERS RECOMMENDATIONS. A MINIMUM OF <u>100</u> % INSTALLED PIPE SHALL BE DEFLECTION TESTED PER THE "STANDARD SPECIFICATIONS FOR WA SEWER MAIN CONSTRUCTION IN ILLINOIS.
ND TRENCH SAFETY STANDARDS BUT ALSO WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. HE CONTRACTOR SHOULD SHORE, SLOPE OR BENCH THE EXCAVATION SIDES WHEN APPROPRIATE. SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, WHO SHALL ALSO BE RESPONSIBLE FOR THE		8. THE PAVING CONTRACTOR IS RESPONSIBLE FOR THE FINAL SUBGRADE PREPARATION, THE PAVEMENT BASE, BINDER, AND SURFACE, AND ALL FINAL CLEAN-UP AND RELATED WORK ASSOCIATED WITH THE PAVING	B. A-2000 POLYVINYLCHLORIDE PLASTIC GRAVITY SEWER PIPE (PVC) PER ASTM F-949 WITH GAJOINTS PER ASTM D-3212
EANS, METHODS AND SEQUENCING OF CONSTRUCTION OPERATIONS. EMOVED PAVEMENT, SIDEWALK, CURB AND GUTTER, EXCESS MATERIALS, DEBRIS, ETC. SHALL BE LEGALLY ISPOSED OF AT OFF-SITE LOCATIONS PROVIDED BY THE CONTRACTOR AT HIS OWN EXPENSE.		 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CORING, TESTING, AND PAVEMENT EVALUATION AS REQUIRED BY THE MUNICIPALITY FOR ACCEPTANCE AT HIS OWN EXPENSE. THE CONTRACTOR SHALL INCLUDE THIS AS A SERAPATE DID ITEM OR FLOE IT WILL BE ASSUMED THAT THIS SERAP FLOE DEPENDENT. 	 DUCTILE IRON PIPE CLASS 52 (ANSI A21.51 WITH ANSI A21.11 JOINTS) REINFORCED CONCRETE PIPE PER ASTM C-76, IOWA DOT CLASS III (2000D), IN ACCORDANCE WI C-361, WITH FLEXIBLE O-RING GASKETED JOINTS, IN ACCORDANCE WITH ASTM C-443 (WA
ONSTRUCTION SITE SAFETY IS SOLE RESPONSIBILITY OF THE CONTRACTOR WHO CONTROLS THE MEANS, IETHODS, AND SEQUENCING OF CONSTRUCTION OPERATIONS. UNDER NO CIRCUMSTANCES SHALL THE NFORMATION PROVIDED HEREIN BE INTERPRETED TO MEAN RTM IS ASSUMING RESPONSIBILITY FOR		THE UNIT PRICES FOR THE PAVING ITEMS. ALL TESTING RESULTS SHALL BE MADE AVAILABLE TO THE MUNICIPALITY FOR REVIEW.	QUALITY PIPE AND JOINTS). 2. MINIMUM SIZE OF STORM SEWER SHALL NOT BE LESS THAN 4 INCHES.
DNSTRUCTION SITE SAFETY, OR THE CONTRACTOR'S ACTIVITIES; SUCH RESPONSIBILITY SHALL NEITHER BE PLIED NOR INFERRED. IE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE SIGNS, BARRICADES, FENCING, TRAFFIC			3. ALL STORM SEWERS SHALL BE INSPECTED AND TESTED IN KEEPING WITH ALL GOVERNING A REQUIREMENTS
FETY OF THE SITE AT ALL TIMES. BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE TH SECTION 1107 OF THE STANDARD SPECIFICATIONS.			
LL EXISTING TRAFFIC SIGNS, STREET SIGNS, ETC., WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND			
OT NOTED FOR REMOVAL OR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT LOCATIONS S DESIGNATED BY THE ENGINEER. THIS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO DDITIONAL COMPENSATION SHALL BE ALLOWED. DAMAGE TO THESE ITEMS SHALL BE REPAIRED BY THE ONTRACTOR AT HIS OWN EXPENSE. ALL SIGNS NOT REQUIRED TO BE RESET SHALL BE DELIVERED TO THE DITY OR COUNTY AS APPROPRIATE.			
LL PERMANENT TYPE PAVEMENTS OR PERMANENT IMPROVEMENTS WHICH ABUT THE PROPOSED /PROVEMENT AND MUST BE REMOVED, SHALL BE FULL DEPTH SAW-CUT PRIOR TO REMOVAL. ALL ITEMS SO :EMOVED SHALL BE REPLACED WITH SIMILAR CONSTRUCTION MATERIALS TO THEIR ORIGINAL CONDITION OR FETTER. PAYMENT FOR SAWING SHALL BE INCLUDED IN THE COST FOR REMOVAL OF EACH ITEM AND REPLACEMENT WILL BE PAID UNDER THE RESPECTIVE ITEMS IN THE CONTRACT, UNLESS OTHERWISE NDICATED.			
VHENEVER THE PERFORMANCE OF WORK IS INDICATED ON THE PLANS, AND NO ITEM IS INCLUDED IN THE CONTRACT FOR PAYMENT, THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.			
LL EXISTING FIELD DRAINAGE TILES ENCOUNTERED OR DAMAGED DURING CONSTRUCTION THAT ARE NOT OTED TO BE REMOVED, ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION, PROPERLY REROUTED AND/OR ONNECTED TO THE STORM SEWER SYSTEM. CONNECTIONS SHALL BE MADE AT STRUCTURES; PREFERABLY OTEL BASINS ONLY. NO BLIND TAPS ARE ALLOWED. AS-BUILT DRAWINGS SHALL BE PROVIDED TO THE			
HE CONTRACTOR, BY AGREEING TO PERFORM THE WORK, AGREES TO INDEMNIFY AND HOLD HARMLESS THE WNER, THE ENGINEER, THE CITY, AND ALL AGENTS AND ASSIGNS OF THOSE PARTIES, FROM ALL SUITS AND LAIMS ARISING OUT OF THE PERFORMANCE OF SAID WORK, AND FURTHER AGREES TO DEFEND OR THERWISE PAY ALL LEGAL FEES ARISING OUT OF THE DEFENSE OF SAID PARTIES.			
LL ROADS, SWALES, DRAINAGE STRUCTURES, MANHOLES AND PIPES MUST BE KEPT CLEAN AND FREE OF DIRT, ILT AND DEBRIS AT ALL TIMES. F ANY EXISTING UNDERGROUND UTILITIES ARE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION, THEY			
HALL BE REPAIRED PROPERLY BY THE CONTRACTOR. IF THEY ARE UTILITIES TO BE ABANDONED, THEY SHALL E CAPPED, SEALED AND ABANDONED PROPERLY PER THEIR RESPECTIVE OWNER'S CRITERIA.			
LAIMS ARISING OUT OF THE CONSTRUCTION OF THE WORK INCLUDING NAMING THEM AS ADDITIONAL INSURED IN THE CONTRACTORS GENERAL LIABILITY POLICY, WHICH SHALL STATE THAT IT IS PRIMARY IN COVERAGE TO INY INSURANCE CARRIED BY AGENTS, EMPLOYEES, SUCCESSORS, OR ASSIGNS.			
WORK DEDEADMED BY THE CONTRACTOR CHARLERS OF THE CONTRACTOR OF THE			
ALL WORK PERFORMED BY THE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A MINIMUM PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF FINAL ACCEPTANCE, OR AS SPECIFIED IN THE PROJECT PANUAL. THIS GUARANTEE SHALL INCLUDE ALL DEFECTS IN MATERIALS AND WORKMANSHIP.			





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