06-14-2024 LETTING ITEM 207

SHEET NUMBER: 1

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

FAIRVIEW DRIVE SHARED-USE PATH EXTENSION-SEGMENT B

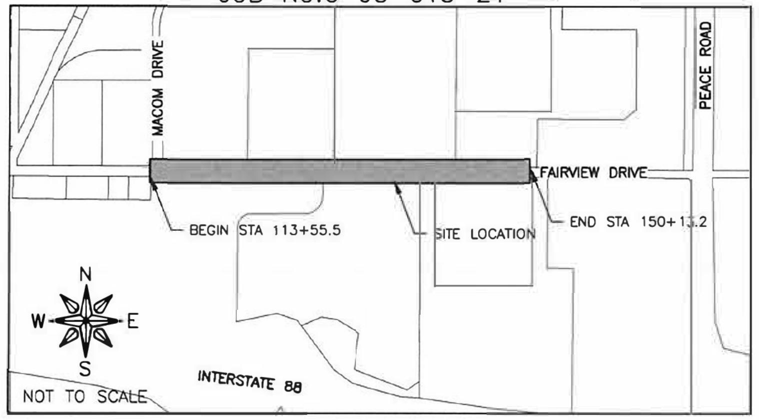
FOR

CITY OF DEKALB

DEKALB, ILLINOIS

PROPOSED BIKE PATH PLANS

SURFACE TRANSPORTATION PROGRAM
FAU 5345 / FAIRVIEW DRIVE
MACOM DRIVE TO PANDUIT CORP ENTRANCE
SHARED USE PATH-EXTENSION SEGMENT B
CITY OF DEKALB
SECTION 19-00196-00-BT
PROJECT NO:99QP(913)
DEKALB COUNTY
JOB NO:C-93-015-21



LOCATION MAP

FAU 5345 / FAIRVIEW DRIVE (MAJOR COLLECTOR)
TOWNSHIP 40 NORTH, RANGE 4 EAST
2022 ADT = 4450, 2042 ADT=5430
LENGTH OF PROJECT = 0.70 MILES
NET LENGTH OF PROJECT = 0.70 MILES

INDEX OF SHEETS

STANDARDS

280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS
424006-05	DIAGONAL CURB RAMPS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE 4' DIAMETER
606001-08	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
701006-05	OFF ROAD OPERATIONS, 2L, 2W 15' TO 24' FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701901-09	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

UTILITIES

UTILITY TYPE	COMMON NAME
SANITARY SEWER	KISHWAUKEE WATER RECLAMATION
WATER	CITY OF DEKALB
ELECTRIC	COMED
TELEPHONE	ATT
GAS	NICOR
FIBER	METRO FIBERNET, DEKALB FIBER
CABLE	COMCAST

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

811 J.U.L.I.E. Know what's below. Call before you dig. OR CALL (800) 892-0123

PLAN & PROFILE

HORIZONTAL 20 0 20 40 60 FEET
VERTICAL 5 0 5 10 15 FEET

CROSS SECTIONS

HORIZONTAL 10 0 10 20 30 FEET
VERTICAL 5 0 5 10 15 FEET

LICENSED PROFESSIONAL ENGINEER JASON J. STOLL 062-063804 STATE OF ILLINOIS

4/8/2022
SIGNATURE DATE
Exp. 11/30/2023

AGENCY RESPONSIBLE FOR LETTING

APPROVED 4-8-22
CITY OF DEKALB

PASSED April 14, 2022
DISTRICT ENGINEER OF LOCAL ROAD & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW April 14, 2022
REGION 2 ENGINEER

BID SET

ORIGINAL SET FOR PROJECT: 21-207B		DATE CREATED: 02/09/2022
REVISIONS		
REV. NO.	DESCRIPTION	DATE

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS IOWA WISCONSIN

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 184003525
PRINTED BY AUTHORITY OF STATE OF ILLINOIS

CONTRACT # 87749

G:\C30\21\21-207 B\Plans\21-207 B - Plans.dwg, TITLE
PLOT DATE: 4/8/22

GENERAL NOTES

1. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MUNICIPAL CODE, CITY OF DEKALB, ILLINOIS, CURRENT EDITION, THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", 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.

2. 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.

3. QUANTITIES SHOWN ARE ESTIMATES FOR INFORMATION ONLY. PAYMENT WILL BE BASED ON ACTUAL QUANTITIES MEASURED IN THE FIELD OR ON PAYMENT LIMIT DETAILS.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS NOT THE REDUCED SIZE PLANS.

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. AT THE END OF EACH DAY, THE CONTRACTOR SHALL SECURE THE CONSTRUCTION WORK ZONE FROM POTENTIAL INTRUDERS.

17. 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.

18. 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.

19. 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.

20. ALL ITEMS TO BE REMOVED AND NOT DEFINED AS A PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

21. 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.

22. 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.

23. 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

25. 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.

26. 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.

27. 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.

UTILITIES

1. 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 AND 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.

2. 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.

3. 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.

4. 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.

5. THE CONTRACTOR SHALL CONTACT THE NECESSARY UTILITY COMPANIES FOR ANY UTILITY RELOCATIONS. THE CONTRACTOR SHALL PAY FOR ALL COSTS ASSOCIATED WITH RELOCATION OF UTILITIES ON OR ADJACENT TO THE SUBJECT PROPERTY OR WITHIN THE ROAD RIGHT–OF–WAY.

6. 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.

7. TRENCH BACKFILL SHALL BE USED IN LOCATIONS WHERE THERE IS AN EXISTING OR PROPOSED PERMANENT SURFACE.

8. 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 EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

9. 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.

ABBREVIATIONS

<	ANGLE
ABC	AGGREGATE BASE COURSE
AC	ACRE(S)
ACI	AMERICAN CONCRETE INSTITUTE
AGR	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 ℄	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
JST	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
RFTR	RAFTER
RND	ROUND
RR	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
- EARTH – UNDISTURBED
- ROCK (GEOLOGICAL)
- STONE OR RIP RAP
- GRAVEL
- CONCRETE
- CONCRETE BLOCK
- CMU
- ASPHALT PAVEMENT
- BRICK
- STEEL
- INSULATION (LOOSE/ BATT)
- INSULATION (RIGID)
- WOOD (ROUGH)
- WOOD (BLOCKING)
- WOOD (FINISH)
- DETECTABLE WARNING

SYMBOLS

CIVIL

EXISTING / PROPOSED

- EXISTING R.O.W. — RIGHT-OF-WAY LINE — PROPOSED R.O.W.
- PROPERTY LINE
- CENTERLINE
- SETBACK LINE
- EASEMENT LINE
- SECTION LINE
- SECTION CORNER
- N 1000.00 E 1000.00 — COORDINATE POINT ON GRID SYSTEM
- FND — FOUND OR SET PROPERTY PIN — SET
- RIGHT-OF-WAY MARKER
- BENCHMARK
- 600 — CONTOUR LINE — 600
- 000.00 FG — SPOT ELEVATION (AT •) — 000.00 FG
- FENCE LINE
- SILT FENCE LINE
- CURB AND GUTTER
- TIP OUT CURB AND GUTTER
- SAWCUT, LIMITS OF PAVEMENT REMOVAL & REPLACEMENT
- X" — DECIDUOUS TREE W/ SIZE — X"
- X" — CONIFEROUS TREE W/ SIZE — X"
- X" — TREE STUMP
- HEDGEROW
- BUSH OR SHRUB
- TREE LINE
- CL — CONSTRUCTION LIMIT LINE — CL
- SIGN (MULTIPLE POST, SINGLE POST, STREET SIGN)
- SIGN (PYLON)
- GUARD RAIL
- RAILROAD TRACKS
- BUILDING
- MAILBOX
- FLAGPOLE
- BOLLARD
- AC — AIR CONDITIONER — AC

MISC

EXISTING / PROPOSED

- S.B. #XX — SOIL BORING LOCATION AND NUMBER — S.B. #XX
- MW #XX — MONITORING WELL — MW #XX
- REVISION NUMBER
- OUTLINE OF DETAILED AREA
- SECTION NUMBER / SHEET WHERE SHOWN — A / S-

SANITARY SEWER

EXISTING / PROPOSED

- SAN — SANITARY SEWER — SAN
- SSVC — SANITARY SEWER SERVICE — SSVC
- FM — SANITARY SEWER FORCE MAIN — FM
- SANITARY CLEANOUT — CO
- S — SANITARY MANHOLE
- WYE FITTING

WATER

EXISTING / PROPOSED

- WSV — WATER SERVICE — WSV
- W — WATER PIPE — W
- FIRE HYDRANT
- YARD HYDRANT
- WATER VALVE WITH BOX
- CURB STOP W/CURB BOX
- REDUCER
- W — WATER VALVE VAULT — W
- 11.25° BEND
- 22.50° BEND
- 45° BEND
- 90° BEND
- TEE
- CAP
- M — WATER METER — M
- SPRINKLER HEAD
- TRACER WIRE BOX

STORM SEWER

EXISTING / PROPOSED

- ST — STORM SEWER — ST
- DT — DRAIN TILE — DT
- DITCH LINE (PAVED)
- DITCH LINE (UNPAVED)
- D — STORM MANHOLE
- CATCH BASIN
- STORM SEWER INLET
- STORM SEWER INLET – BEHIND CURB
- DOWNSPOUT
- X" TYPE — CULVERT AND SIZE — X" TYPE
- RCCP OR RCP EQRS (RCAP) END SECTION
- METAL OR HDPE END SECTION
- FLOW DIRECTION

EROSION CONTROL

EXISTING / PROPOSED

- EROSION CONTROL BLANKET
- TEMPORARY AND PERMANENT SEEDING AREA
- UNDISTURBED AREA
- STABILIZED CONSTRUCTION ENTRANCE
- SILT FENCE
- INLET PROTECTION
- TEMPORARY SEDIMENT TRAP
- CULVERT INLET PROTECTION
- ROCK OUTLET PROTECTION
- ROCK CHECK DAM – COURSE AGGREGATE
- ROCK CHECK DAM – RIP RAP
- DITCH CHECK

UTILITY

EXISTING / PROPOSED

- FO — FIBER OPTIC LINE — FO
- TV — UNDERGROUND TV CABLE — TV
- CABLE TV RISER PEDESTAL
- OU — OVERHEAD UTILITY — OU
- UE — UNDERGROUND ELECTRIC — UE
- E — ELECTRIC RISER PEDESTAL — E
- E — ELECTRIC MANHOLE — E
- T — UNDERGROUND TELEPHONE — T
- T — TELEPHONE RISER PEDESTAL — T
- T — TELEPHONE MANHOLE — T
- UTILITY POLE
- UTILITY POLE W/ METER
- UTILITY POLE W/ TRANSFORMER
- UTILITY POLE W/ LIGHT
- UTILITY POLE WITH GUY WIRE AND ANCHOR
- LIGHT (MAST MOUNTED)
- LIGHT POLE (SINGLE FIXTURE)
- YARD LIGHT
- G — GAS MAIN — G
- M — GAS METER — M
- GAS VALVE
- G — GAS STRUCTURE — G
- ET — TRANSFORMER
- GEN — GENERATOR

TRAFFIC RELATED

EXISTING / PROPOSED

- CONTROLLER
- MAST ARM ASSEMBLY AND POLE
- SIGNAL HEAD AND POST
- SIGNAL HEAD
- PEDESTRIAN HEAD
- PEDESTRIAN PUSH-BUTTON
- HAND HOLE
- DOUBLE HAND HOLE
- HAND HOLE OR JUNCTION BOX
- HEAVY-DUTY HAND HOLE
- (5' – 2") — EXISTING CONDUIT (LENGTH AND SIZE) / PROP GALVANIZED STEEL OR PVC CONDUIT / UPPER NUMERAL INDICATES LENGTH / "T" INDICATES CONDUIT IN TRENCH / "P" INDICATED CONDUIT PUSHED / LOWER NUMERAL INDICATES SIZE AND TYPE — 5' – T / 2" GS-PVC
- LUMINAIRE
- ARROW – THROUGH, TURN LEFT
- ARROW – THROUGH
- ARROW – TURN LEFT
- ARROW – TURN RIGHT
- ONLY — ONE DIRECTION TURN ONLY — ONLY
- HANDICAPPED PARKING STALL
- TRAFFIC DETECTOR LOOP
- TRAFFIC CONTROL BOX

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

PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING: LEGEND

SET TYPE: BID SET

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JOB NUMBER: 21-207B

SUMMARY OF QUANTITIES

	19-00196-00-BT FAIRVIEW SHARED-USE PATH SEGMENT B - SUMMARY OF QUANTITIES				FAIRVIEW
Spec. Prov.	ITEM #	PAY ITEMS	UNIT	TOTAL QUANTITY	Construction Code 0028
	20101400	NITROGEN FERTILIZER NUTRIENT	POUND	234	234
	20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	234	234
	20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	234	234
	20200100	EARTH EXCAVATION	CU YD	1371	1371
	20400800	FURNISHED EXCAVATION	CU YD	1136	1136
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	728	728
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3915	3915
	25000110	SEEDING, CLASS 1A	ACRE	2.6	2.6
	25100630	EROSION CONTROL BLANKET	SQ YD	12600	12600
	28000305	TEMPORARY DITCH CHECK	FOOT	200	200
	28000400	PERIMETER EROSION BARRIER	FOOT	2105	2105
	28000500	INLET AND PIPE PROTECTION	EACH	23	23
	28100107	STONE RIPRAP, CLASS A4	SQ YD	5	5
	28200200	FILTER FABRIC	SQ YD	5	5
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	360	360
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	4248	4248
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2172	2172
	40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	649	649
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1511	1511
*	42400800	DETECTABLE WARNINGS	SQ FT	249	249
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	346	346
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	8	8
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2
	550A0340	STORM SEWERS, CLASS A, TYPE 2, 12"	FOOT	223	223
	550A0360	STORM SEWERS, CLASS A, TYPE 2, 15"	FOOT	134	134
	55100700	STORM SEWER REMOVAL 15"	FOOT	131	131
	60218300	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	4
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1
	60255500	MANHOLES TO BE ADJUSTED	EACH	1	1
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	2
	60603800	COMBINATION CURB AND GUTTER, TYPE B-6.12	FOOT	575	575
	67100100	MOBILIZATION	L SUM	1	1
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	121	121
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	168	168
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	105	105
*	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	1	1
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	9	9
*	X0326806	WASHOUT BASIN	L SUM	1	1
*	X0327301	RELOCATE EXISTING MAILBOX	EACH	1	1
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1
*	X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1	1
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
*	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	2	2

Δ SPECIALTY ITEMS

EARTHWORK SCHEDULE

Earthwork Schedule									
Limits			Earth Excavation	Earth Excavation Adjusted for Shrinkage (15%)	Embankment	Earthwork Balance - Waste(+) or Shortage (-) Furnished Excavation	Topsoil Excavation & Placement (6" Depth)	Topsoil Placement (4" Depth)	Furnished Topsoil Balance - Waste(+) or Shortage(-)
			CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD (CU YD)	CU YD
STATION	TO	STATION	A	B = A x 0.85	C	D = B - C	E	F	G = E-F (CU YD)
114+72.54	TO	123+12.40	931	791	212	579	187	4203, (467)	-280
123+69.94	TO	129+34.98	5	4	496	-492	126	1728, (192)	-66
130+49.39	TO	139+90.44	73	62	999	-937	209	2952, (328)	-119
140+83.49	TO	150+13.20	362	308	594	-286	207	1584, (176)	31
		TOTAL	1371	1165	2301	-1136	728	10,467, (1163)	-435

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

PLOT DATE: 6/28/22

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

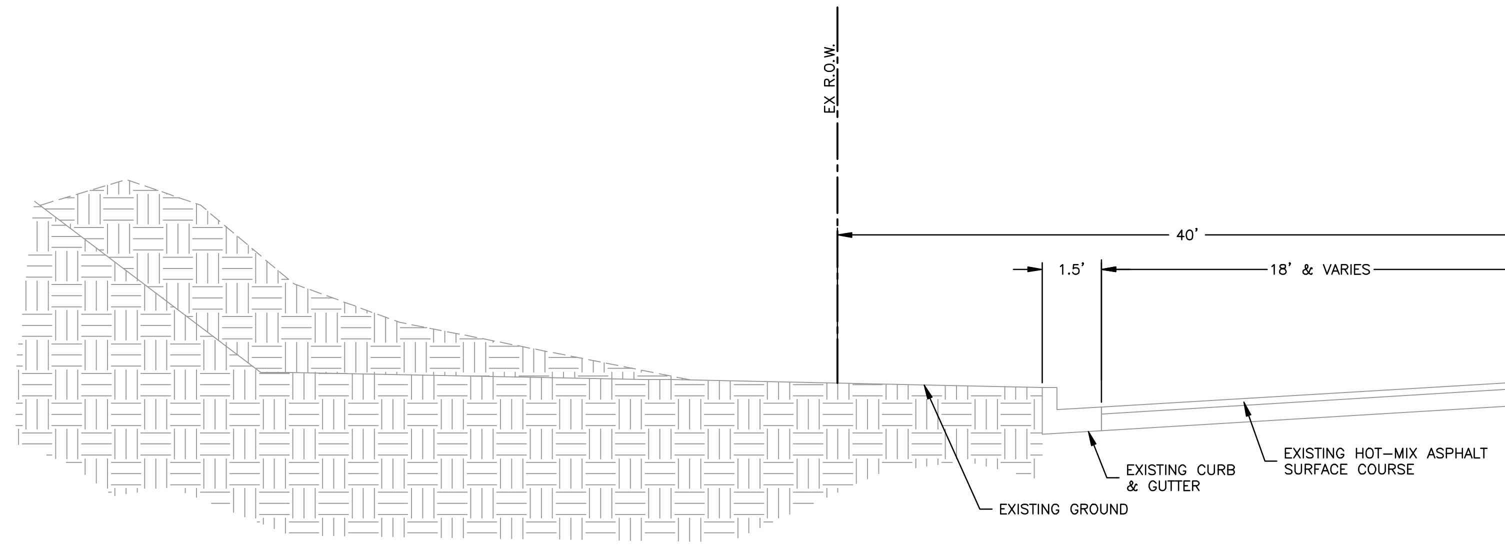
DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SUMMARY OF QUANTITIES

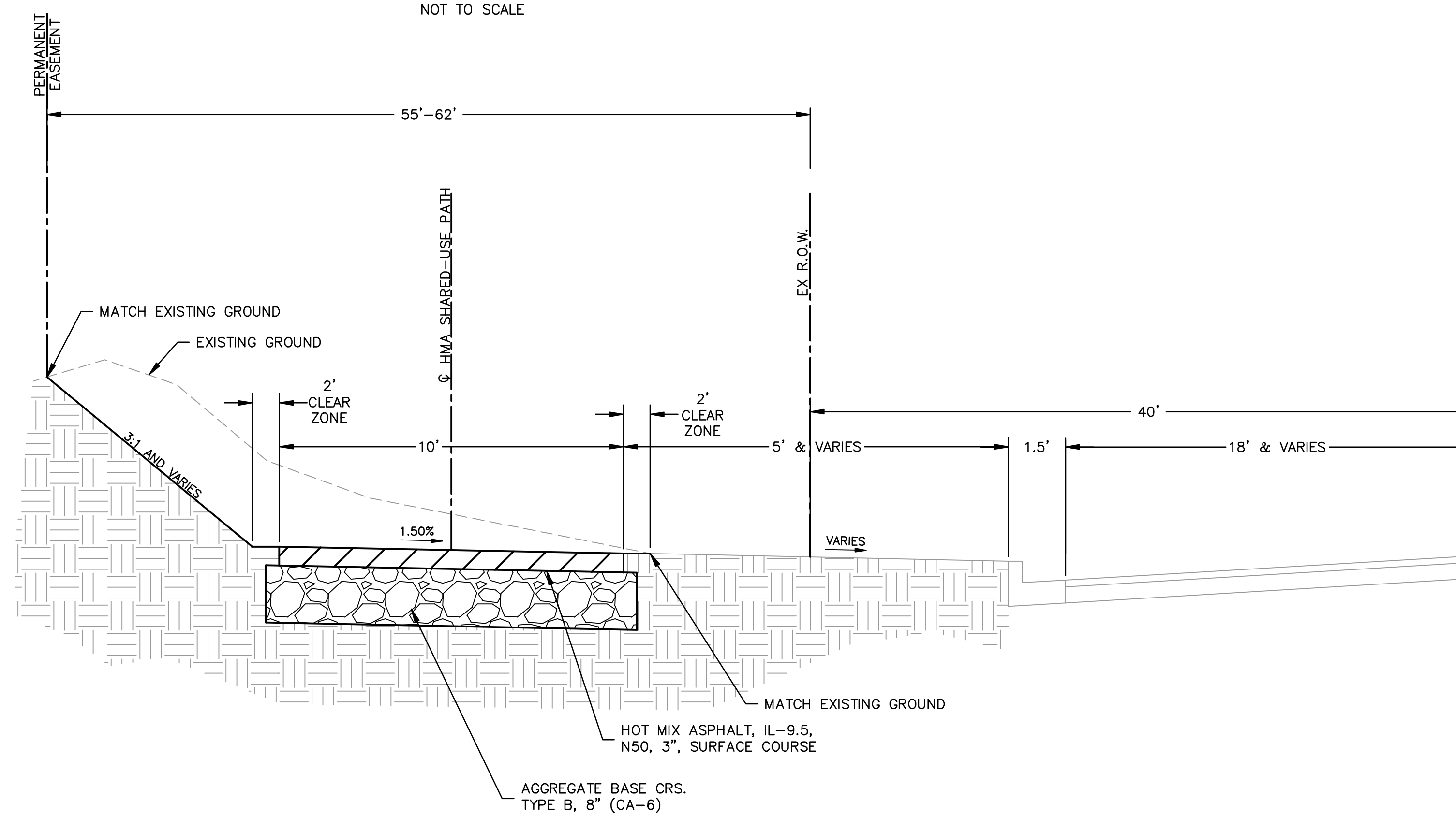
SET TYPE: BID SET
G:\C30\21\21-207 B\Plans\21-207 B - Plans.dwg, QTY

JOB NUMBER:
21-207B



EXISTING TYPICAL SECTION
STA 114+72 TO 117+50
STA 129+00 TO 134+25

NOT TO SCALE



PROPOSED MULTI-USE PATH TYPICAL SECTION
STA 114+72 TO 117+50
STA 129+00 TO 134+25

NOT TO SCALE

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LOCATION:	FAIRVIEW SUP
MIXTURE USE(S):	SURFACE
PG:	PG 58-28
DESIGN AIR VOIDS:	3.0 % @ N50
MIXTURE COMPOSITION (MIXTURE GRADATION)	IL 9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	–
NUMBER OF ROLLER PASSES:	–

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

ILLINOIS
IOWA
WISCONSIN

PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

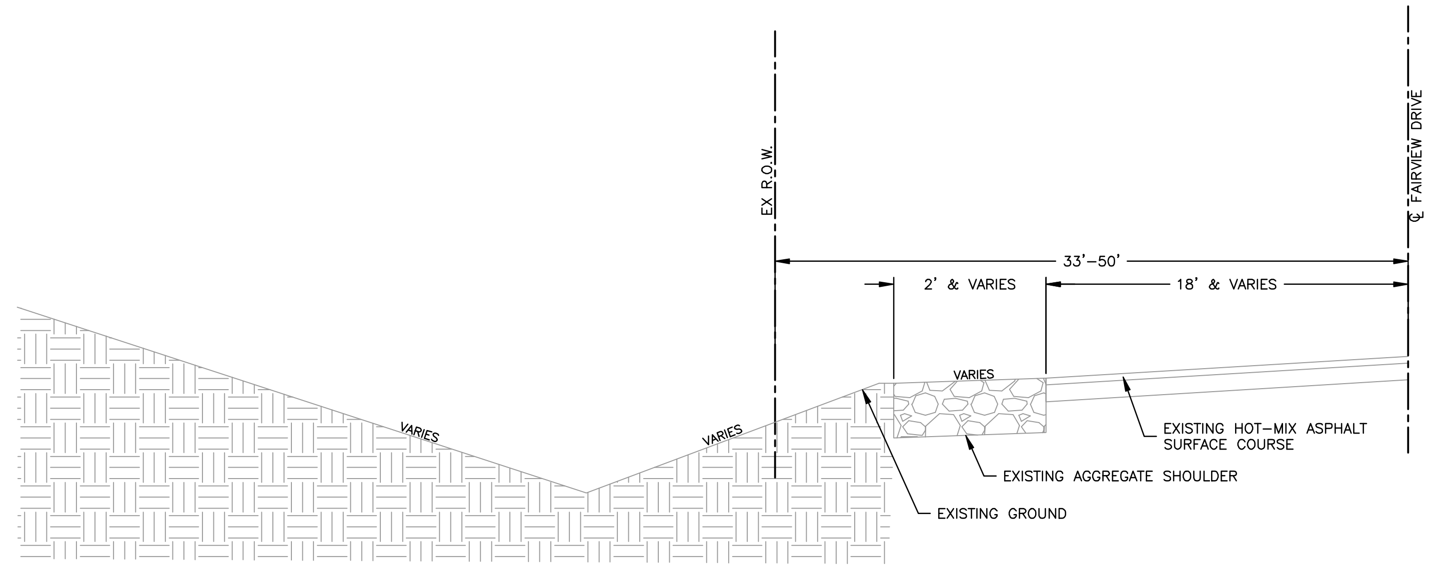
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
TYPICAL SECTIONS

SET TYPE: BID SET
G:\C30\21\21-207 B\Plans\21-207 B - Plans.dwg, EX. TYP.

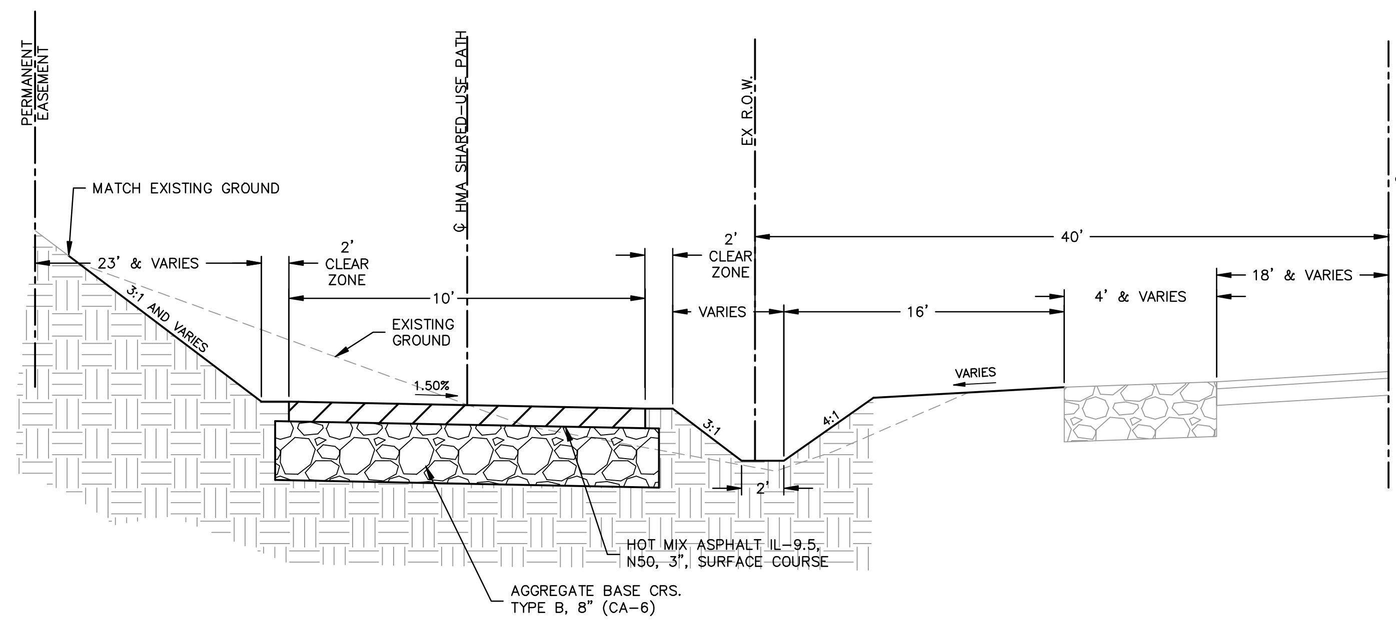
JOB NUMBER:
21-207B

SHEET NUMBER:



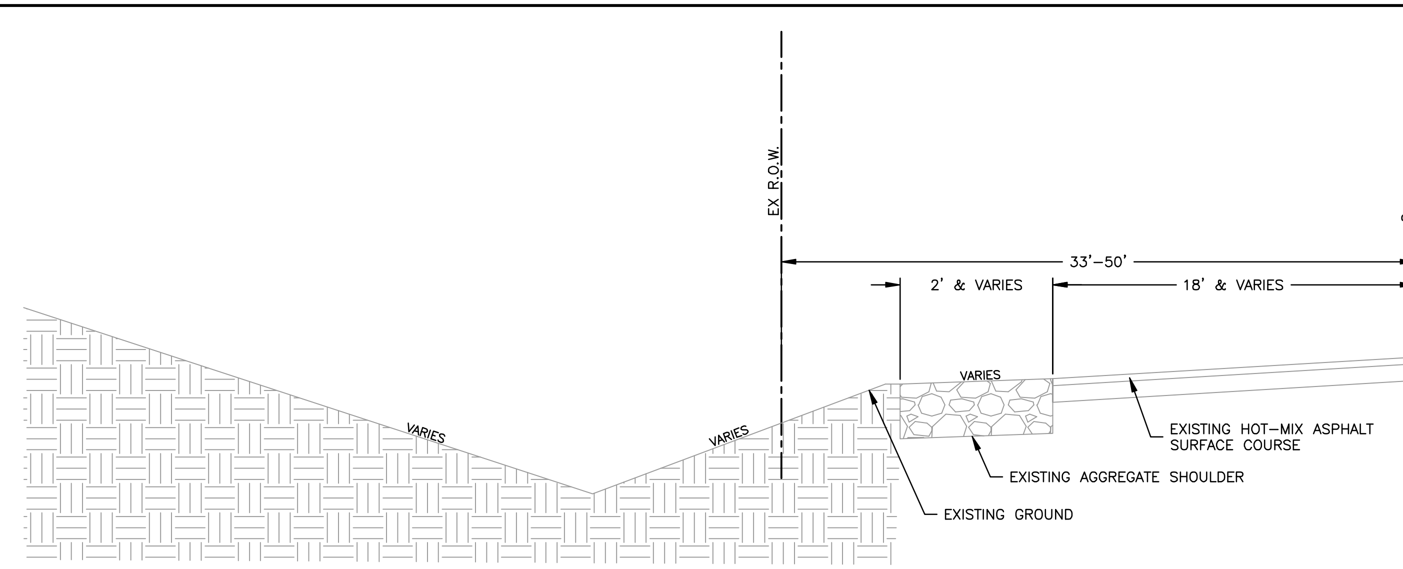
EXISTING TYPICAL SECTION
STA 118+00 TO 128+75
NOT TO SCALE

NOTE: WARP PAVEMENT TO DRAIN FROM SOUTH TO NORTH THRU STATIONS 133+00 TO 133+50

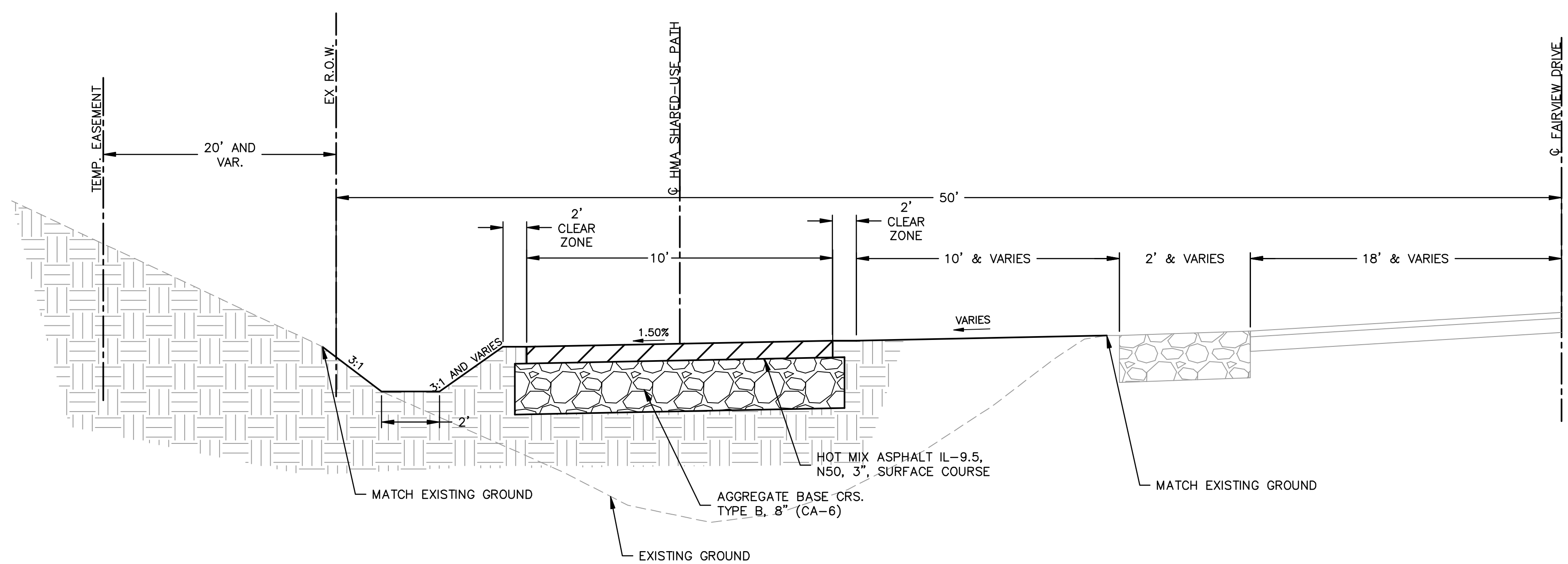


PROPOSED MULTI-USE PATH TYPICAL SECTION
STA 118+00 TO 128+75
NOT TO SCALE

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LOCATION:	FAIRVIEW SUP
MIXTURE USE(S):	SURFACE
PG:	PG 58-28
DESIGN AIR VOIDS:	3.0 % @ N50
MIXTURE COMPOSITION (MIXTURE GRADATION)	IL 9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	–
NUMBER OF ROLLER PASSES:	–



EXISTING TYPICAL SECTION
STA 134+50 TO 149+85
NOT TO SCALE



PROPOSED MULTI-USE PATH TYPICAL SECTION
STA 134+50 TO 149+85
NOT TO SCALE

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LOCATION:	FAIRVIEW SUP
MIXTURE USE(S):	SURFACE
PG:	PG 58-28
DESIGN AIR VOIDS:	3.0 % @ N50
MIXTURE COMPOSITION (MIXTURE GRADATION)	IL 9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	–
NUMBER OF ROLLER PASSES:	–

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525
ILLINOIS
IOWA
WISCONSIN
PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
TYPICAL SECTIONS
SET TYPE: BID SET
G:\C30\21\21-207 B\Plans\21-207 B - Plans.dwg, TYP. 2

JOB NUMBER:
21-207B

SCHEDULE OF QUANTITIES

20101400 - NITROGEN FERTILIZER NUTRIENT (POUND)	
PROJECT	234

20101500 - PHOSPHORUS FERTILZER NUTRIENT (POUND)	
PROJECT	234

20101600 - POTASSIUM FERTILIZER NUTRIENT (POUND)	
PROJECT	234

25000110 - SEEDING CLASS 1A (ACRE)	
PROJECT	2.6

25100630 - EROSION CONTROL BLANKET (SQ YD)	
PROJECT	12600

28000305 - TEMPORARY DITCH CHECK (FOOT)	
PROJECT	200

28000400 - PERIMETER EROSION BARRIER (FOOT)	
PROJECT	2105

28000500 - INLET AND PIPE PROTECTION (EACH)	
PROJECT	23

28100107 - STONE RIPRAP, CLASS A4 (SQ YD)	
PROJECT	5

28200200 - FILTER FABRIC (SQ YD)	
PROJECT	5

35101600 - AGGREGATE BASE COURSE, TYPE B 4" (SQ YD)	
PROJECT	360

35102000 - AGGREGATE BASE COURSE, TYPE B 8" (SQ YD)	
PROJECT	4248

40600275 - BITUMINOUS MATERIALS (PRIME COAT) (POUND)	
PROJECT	2172

40604050 - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 (TON)	
PROJECT	649

42400200 - PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	
113+55 - 113+80	375.6
114+10 - 114+23	163.2
114+60 - 114+72	150.2
123+12 - 123+25	117.2
123+56 - 123+70	117
129+35 - 129+52	149.5
130+30 - 130+50	145.5
139+90 - 140+10	146.2
140+65 - 140+83	146.6
TOTAL	1511

42400800 - DETECTABLE WARNINGS (SQ FT)	
113+77	24
114+11	24
114+22	24
114+63	24
123+21	20
123+61	20
129+50	28
130+35	28
140+05	28
140+67	29
TOTAL	249

44000500 - COMBINATION CURB AND GUTTER REMOVAL (FOOT)	
113+75 - 113+84	24
114+09	19
114+24	19
114+55 - 114+63	21
123+19 - 123+26	21
123+55 - 123+62	57
129+40 - 129+60	76
130+25 - 130+45	28
139+92 - 140+14	31
140+59 - 140+98	50
TOTAL	346

54213657 - PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" (EACH)	
122+45	1
122+70	1
142+95	1
143+20	1
144+55	1
144+80	1
147+45	1
147+70	1
TOTAL	8

54213660 - PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" (EACH)	
124+95	1
144+35	1
TOTAL	2

550A0340 - STOM SEWERS, CLASS A, TYPE 2, 12" (FOOT)	
122+45 - 122+70	25
133+40 - 134+60	118
142+95 - 143+20	26
144+55 - 144+80	27
147+45 - 147+70	27
TOTAL	223

550A0360 - STOM SEWERS, CLASS A, TYPE 2, 15" (FOOT)	
123+85 - 124+15	31
124+15 - 124+90	75
141+95	17
144+35	11
TOTAL	134

55100700 STORM SEWER REMOVAL 15" (EACH)	
122+45 - 122+70	26
144+35 - 145+10	78
147+45 - 147+70	27
TOTAL	131

60218300 - MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID (EACH)	
124+20	1
133+40	1
134+60	1
144+30	1
TOTAL	4

60236200 - INLETS, TYPE A, TYPE 8 GRATE (EACH)	
141+95	1

60255500 - MANHOLES TO BE ADJUSTED (EACH)	
139+80	1

60257900 - MANHOLES TO BE RECONSTRUCTED (EACH)	
139+85	1
141+95	1
TOTAL	2

60603800 - COMBINATION CURB AND GUTTER, TYPE B-6.12 (FOOT)	
113+75 - 113+84	24
114+09	19
114+24	19
114+55 - 114+63	21
123+19 - 123+26	21
123+55 - 123+62	184
129+40 - 129+60	178
130+25 - 130+45	28
139+92 - 140+14	31
140+59 - 140+98	50
TOTAL	575

67100100 - MOBILIZATION (L SUM)	
PROJECT	1

78000400 - THERMOPLASTIC PAVEMENT MARKING - LINE 6" (FOOT)	
113+82 - 114+58	121

78000650 - THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FOOT)	
113+82 - 114+58	168

78300201 - PAVEMENT MARKING REMOVAL - GRINDING (SQ FT)	
113+75 - 114+01	105

X0322916 - PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (EACH)	
124+85 RT	1

X0322936 - REMOVE EXISTING FLARED END SECTION (EACH)	
122+40	1
122+60	1
123+90	1
133+50	1
144+35	2
145+10	1
147+40	1
147+65	1
TOTAL	9

X0326806 WASHOUT BASIN (L SUM)	
PROJECT	1

X0327301 - RELOCATE EXISTING MAILBOX (EACH)	
123+60	1

X6026050 - SANITARY MANHOLES TO BE ADJUSTED (EACH)	
124+50 LT	1

X6026051 - SANITARY MANHOLES TO BE RECONSTRUCTED (EACH)	
120+65 RT	1

X7010216 - TRAFFIC CONTROL AND PROTECTION, SPECIAL (L SUM)	
PROJECT	1

Z0018700 - DRAINAGE STRUCTURE TO BE REMOVED (EACH)	
124+16 RT	1
144+25 RT	1
TOTAL	2

FEHR GRAHAM
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PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

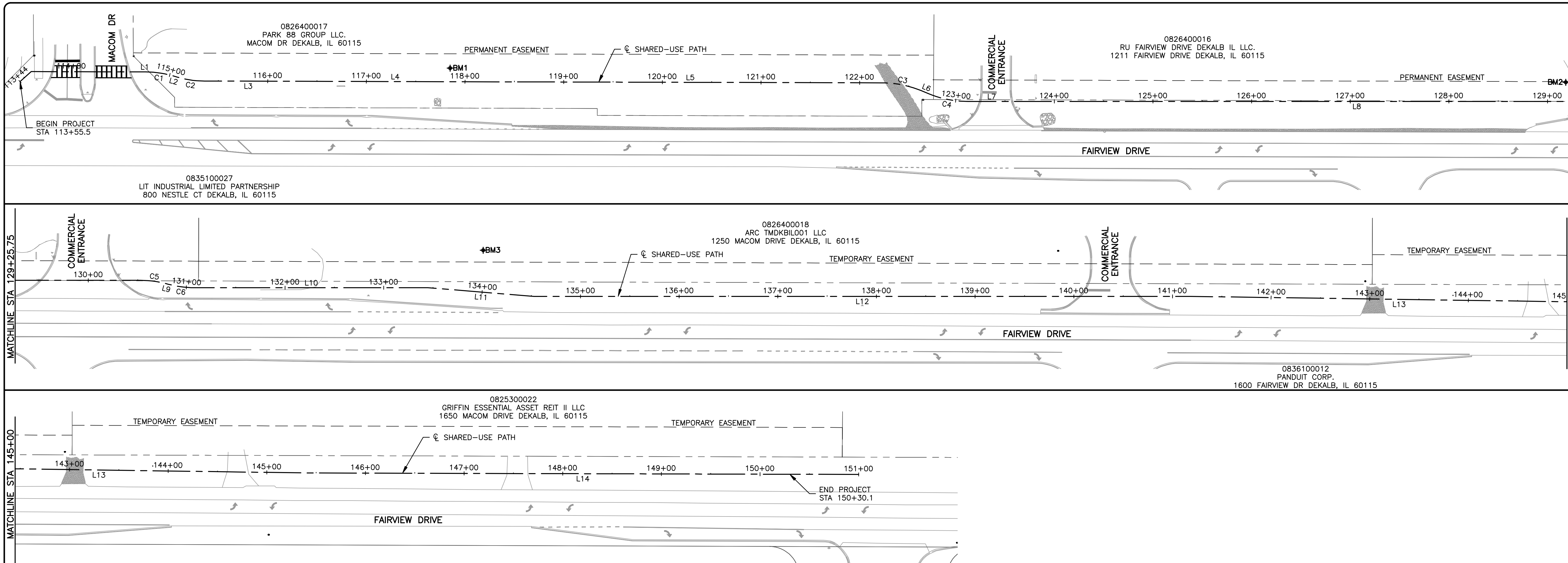
REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
SCHEDULE OF QUANTITIES
SET TYPE: BID SET
G:\C30\21\21-207 B\Plans\21-207 B - Plans.dwg, SCH-QTY

JOB NUMBER:
21-207B

PLOT DATE: 5/8/24



PR PATH ALIGNMENT							
NUMBER	LENGTH	RADIUS	PC	PI	PT	START NORTHING/EASTING	END NORTHING/EASTING
L1	2.72'		114+72.54		114+75.26	N=1909164.87 E=872666.79	N=1909164.86 E=872669.51
C1	27.37'	100.00'	114+75.26	114+89.03	115+02.63	N=1909164.86 E=872669.51	N=1909161.01 E=872696.52
L2	6.00'		115+02.63		115+08.63	N=1909161.01 E=872696.52	N=1909159.37 E=872702.29
C2	27.39'	100.00'	115+08.63	115+22.41	115+36.02	N=1909159.37 E=872702.29	N=1909155.52 E=872729.32
L3	88.63'		115+36.02		116+24.65	N=1909155.52 E=872729.32	N=1909155.13 E=872817.95
L4	209.47'		116+24.65		118+34.13	N=1909155.13 E=872817.95	N=1909154.21 E=873027.42
L5	388.60'		118+34.13		122+22.72	N=1909154.21 E=873027.42	N=1909152.51 E=873416.02
C3	40.38'	105.00'	122+22.72	122+43.16	122+63.10	N=1909152.51 E=873416.02	N=1909144.67 E=873455.38
L6	8.64'		122+63.10		122+71.75	N=1909144.67 E=873455.38	N=1909141.39 E=873463.37
C4	40.66'	105.00'	122+71.75	122+92.33	123+12.40	N=1909141.39 E=873463.37	N=1909133.54 E=873503.01
L7	48.55'		123+12.40		123+60.96	N=1909133.54 E=873503.01	N=1909133.46 E=873551.56

PR PATH ALIGNMENT							
NUMBER	LENGTH	RADIUS	PC	PI	PT	START NORTHING/EASTING	END NORTHING/EASTING
L8	691.63'		123+60.96		130+52.59	N=1909133.46 E=873551.56	N=1909132.26 E=874243.20
C5	27.47'	105.00'	130+52.59	130+66.40	130+80.06	N=1909132.26 E=874243.20	N=1909128.64 E=874270.34
L9	1.22'		130+80.06		130+81.28	N=1909128.64 E=874270.34	N=1909128.32 E=874271.52
C6	27.47'	105.00'	130+81.28	130+95.09	131+08.74	N=1909128.32 E=874271.52	N=1909124.70 E=874298.67
L10	236.05'		131+08.74		133+44.79	N=1909124.70 E=874298.67	N=1909124.29 E=874534.72
L11	107.99'		133+44.79		134+52.78	N=1909124.29 E=874534.72	N=1909115.33 E=874642.34
L12	665.91'		134+52.78		141+18.69	N=1909115.33 E=874642.34	N=1909114.17 E=875308.24
L13	422.52'		141+18.69		145+41.21	N=1909114.17 E=875308.24	N=1909107.41 E=875730.70
L14	558.79'		145+41.21		151+00.00	N=1909107.41 E=875730.70	N=1909104.92 E=876289.49

N
W E
S

50 0 50 100 150 FEET

DATUM INFORMATION

VERTICAL CONTROL: NAVD 88 (FROM GNSS OBSERVATIONS)

HORIZONTAL CONTROL: NAD 83 STATE PLANE ILLINOIS WEST ZONE (GRID)

BENCHMARK INFORMATION

BM1 = CONTROL POINT REBAR W/CAP (CP5)
N 1909168.15, E 872978.28, ELEV 901.46

BM2 = CONTROL POINT REBAR W/CAP (CP6)
N 1909151.86, E 874095.00, ELEV 899.16

BM3 = CONTROL POINT REBAR (CP7)
N 1909162.15, E 874590.97, ELEV 905.13

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

PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
ALIGNMENT AND BENCHMARK INFORMATION

SET TYPE: BID SET
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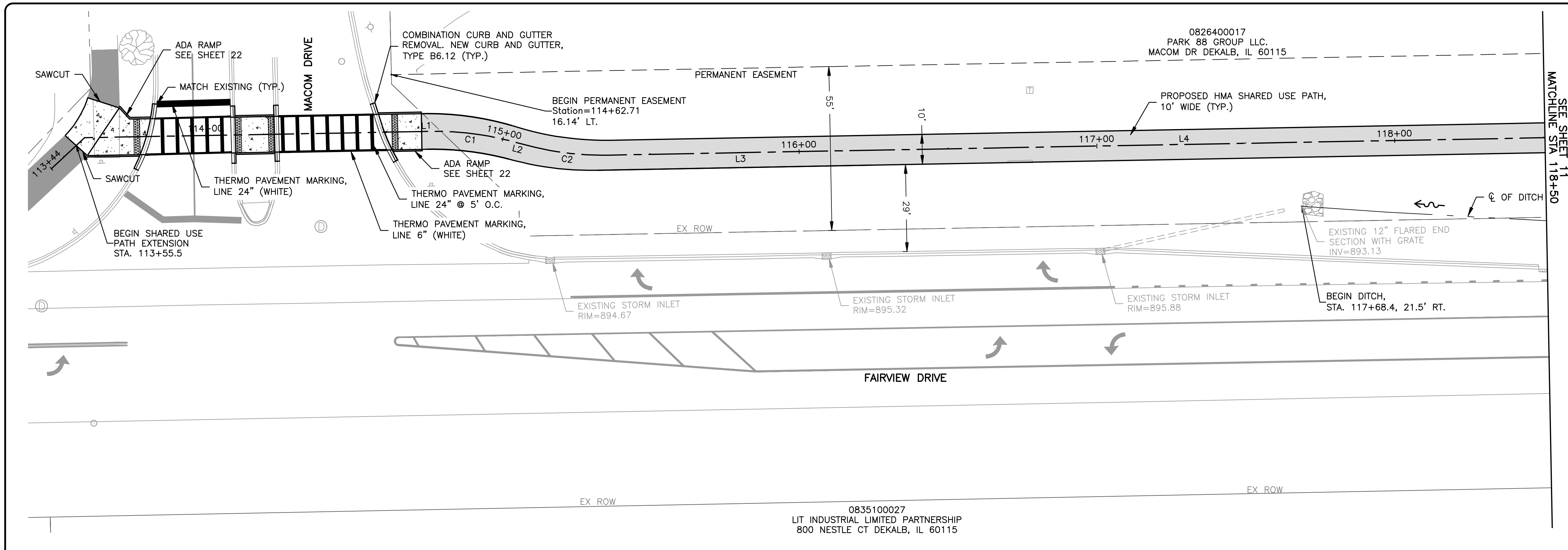
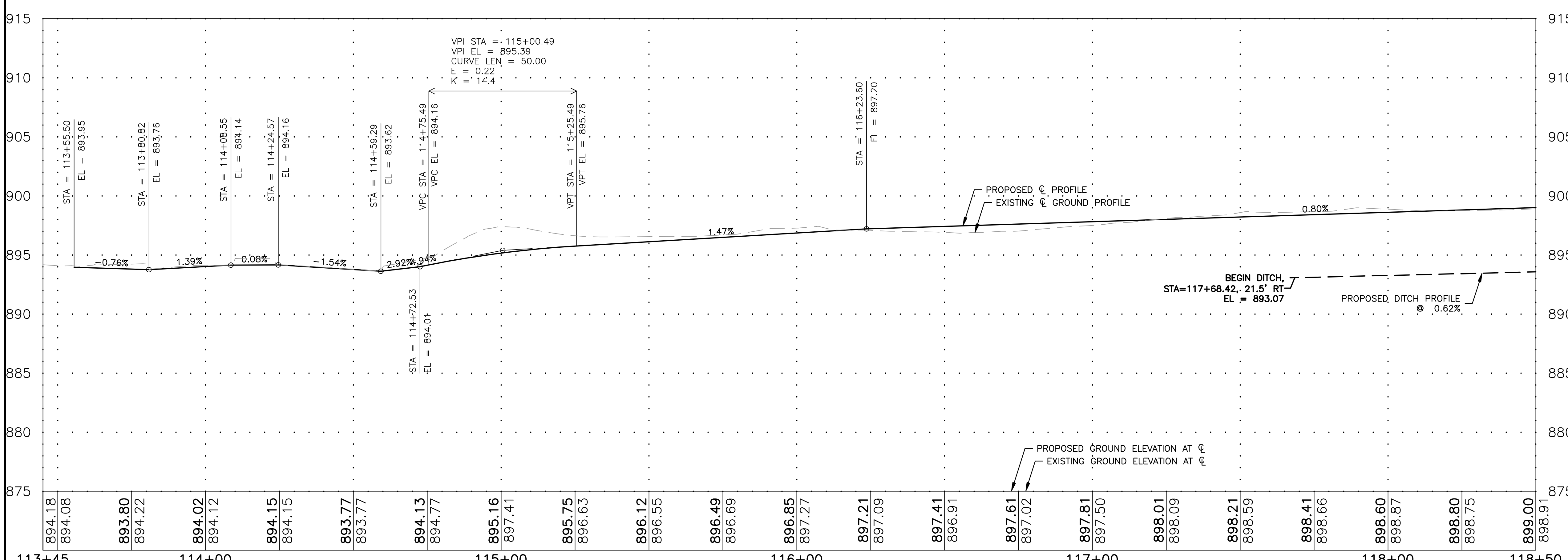
JOB NUMBER:
21-207B

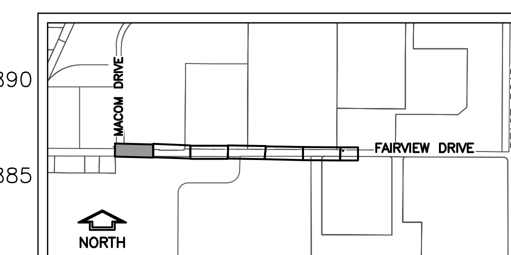
SHEET NUMBER:



LEGEND

- HOT MIX ASPHALT PAVEMENT
- P.C. CONCRETE SIDEWALK, 5"
- DETECTABLE WARNINGS
- AGGREGATE BASE COURSE TY B, 8"





KEY MAP

BM1 = CONTROL POINT REBAR W/CAP (CP5)
N 1909168.15, E 872978.28, ELEV 901.46

BM2 = CONTROL POINT REBAR W/CAP (CP6)
N 1909151.86, E 874095.00, ELEV 899.16

BM3 = CONTROL POINT REBAR (CP7)
N 1909162.15, E 874590.97, ELEV 905.13

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SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

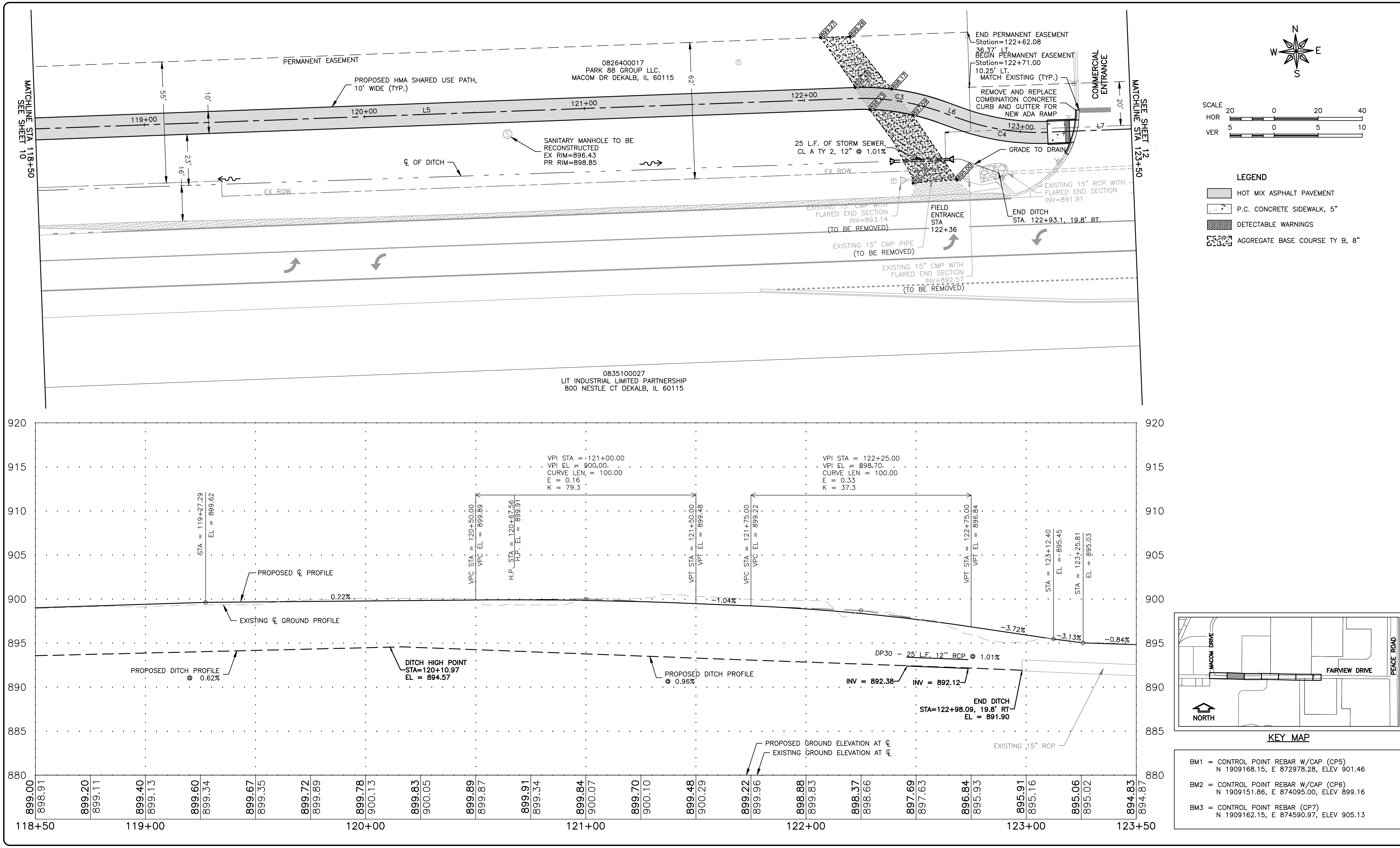
REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
PLAN AND PROFILE STA 113+45 TO 118+50

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, PP 1

JOB NUMBER:
21-207B



FEHR GRAHAM
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ILLINOIS
IOWA
WISCONSIN

PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

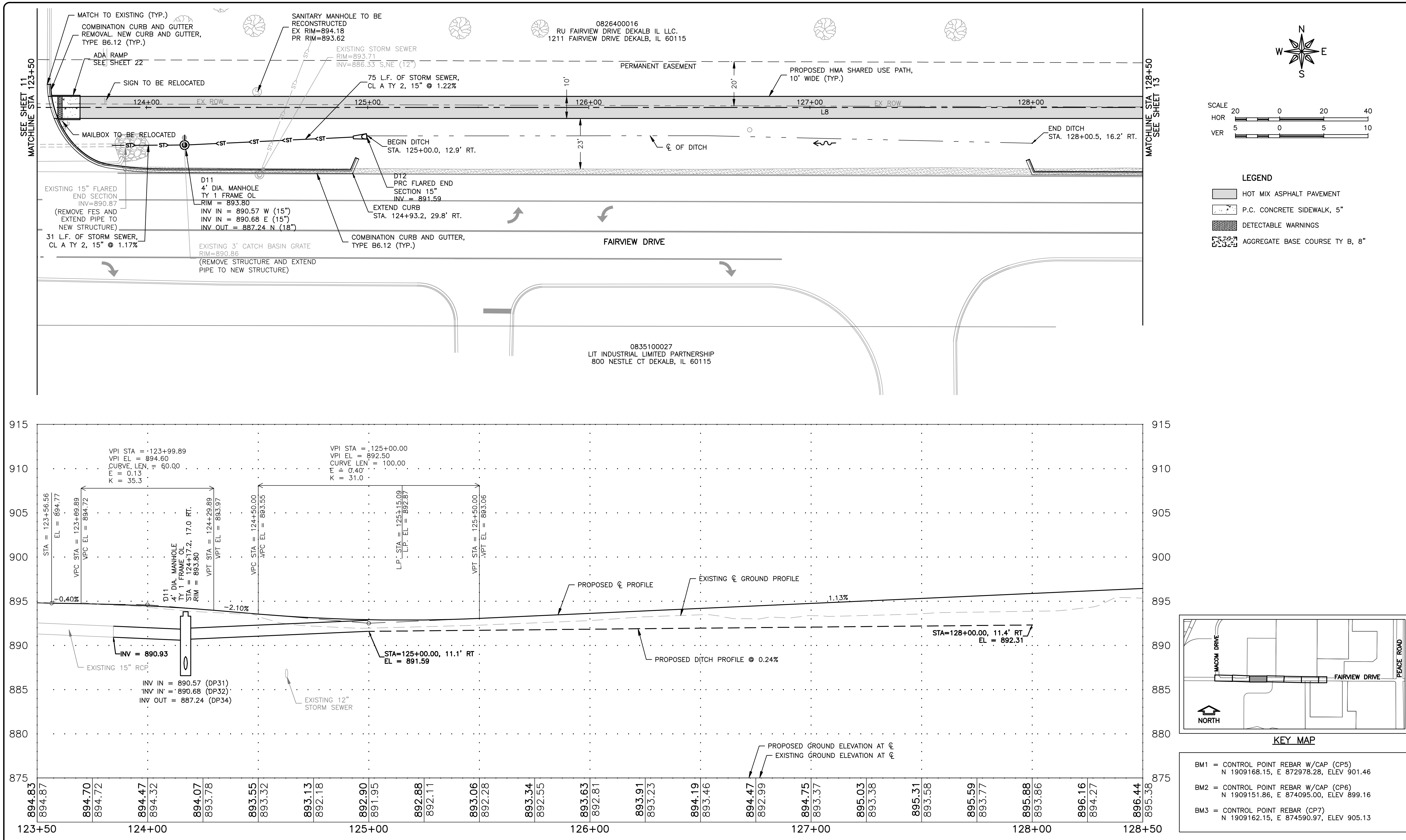
REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
PLAN AND PROFILE STA 118+50 TO 123+50

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, PP 2

JOB NUMBER:
21-207B



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

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

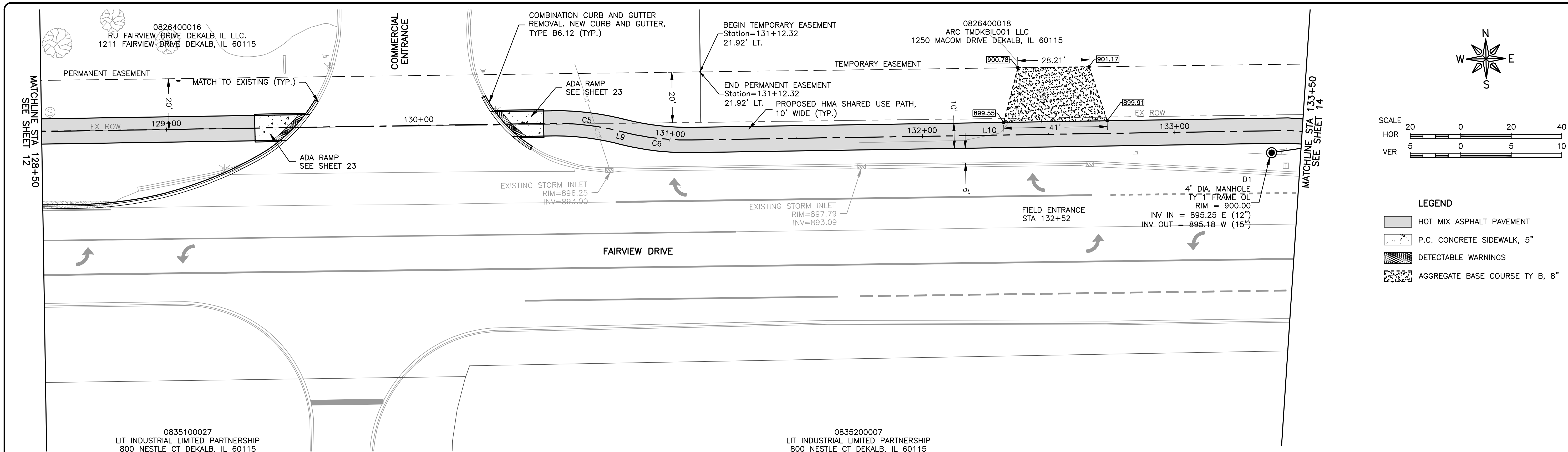
DRAWING:
PLAN AND PROFILE STA 123+50 TO 128+50

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, PP 3

JOB NUMBER:
21-207B

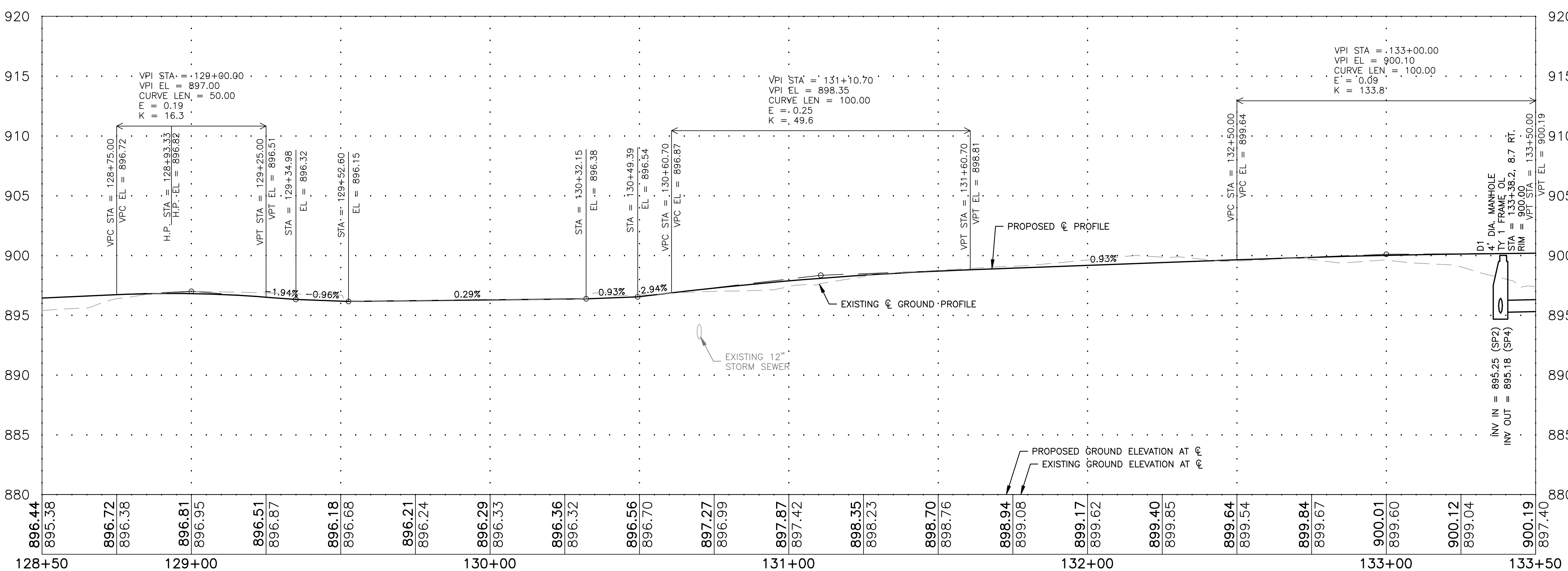
SHEET NUMBER:
12 of 38

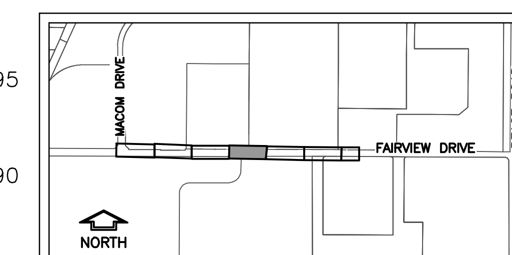
PLOT DATE: 5/8/24



LEGEND

- HOT MIX ASPHALT PAVEMENT
- P.C. CONCRETE SIDEWALK, 5"
- DETECTABLE WARNINGS
- AGGREGATE BASE COURSE TY B, 8"





KEY MAP

BM1 = CONTROL POINT REBAR W/CAP (CP5)
N 1909168.15, E 872978.28, ELEV 901.46

BM2 = CONTROL POINT REBAR W/CAP (CP6)
N 1909151.86, E 874095.00, ELEV 899.16

BM3 = CONTROL POINT REBAR (CP7)
N 1909162.15, E 874590.97, ELEV 905.13

FEHR GRAHAM
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PLOT DATE: 5/8/24

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164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

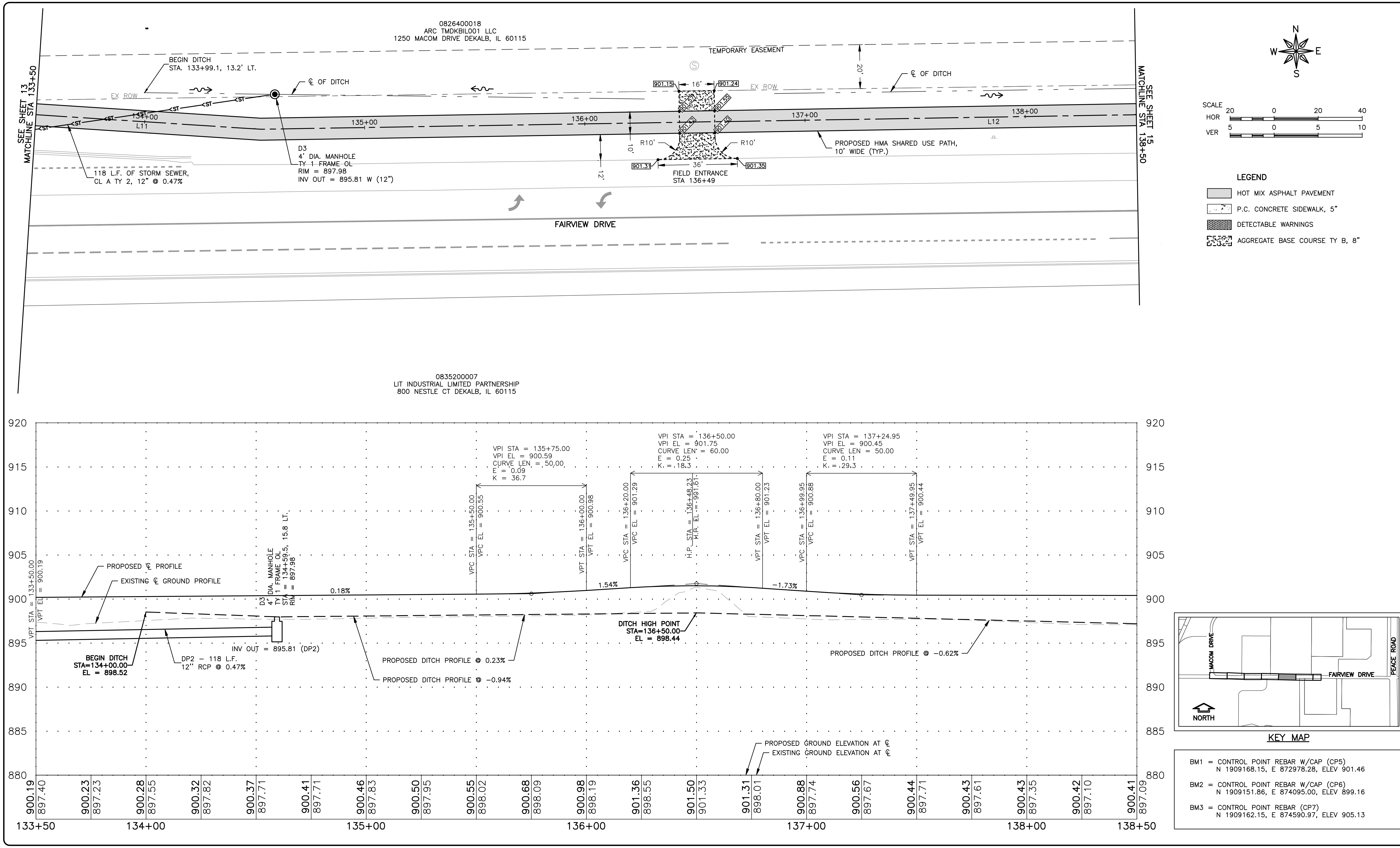
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
PLAN AND PROFILE STA 128+50 TO 133+50

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, PP 4

JOB NUMBER:
21-207B

SHEET NUMBER:



FEHR GRAHAM
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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
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164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

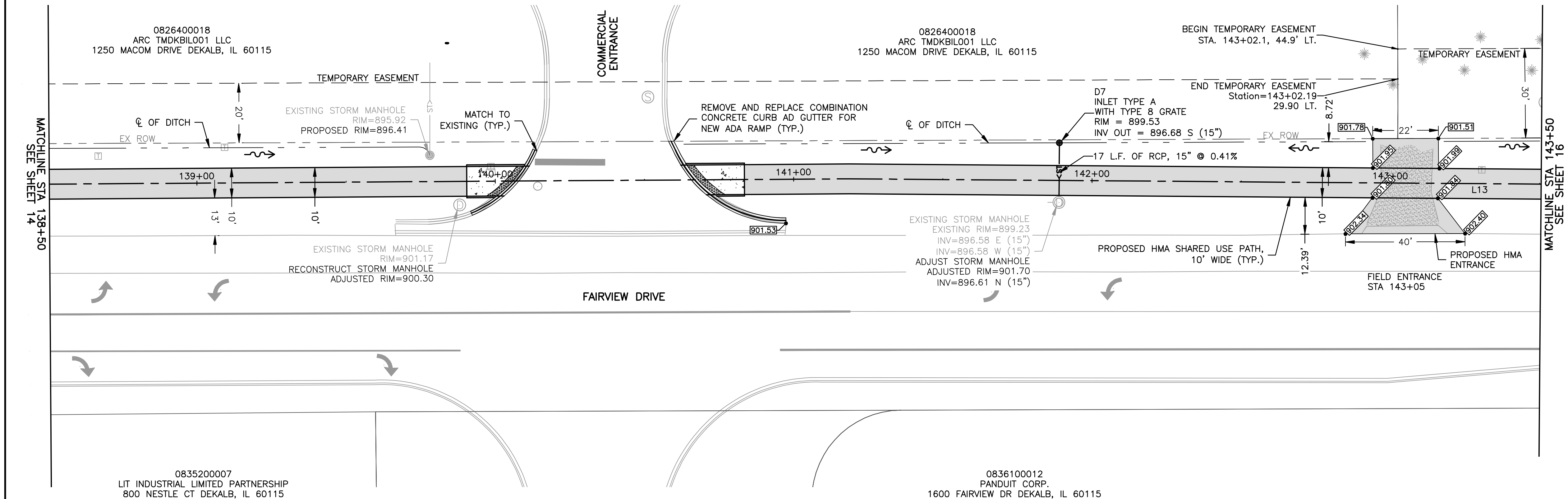
DRAWING:
PLAN AND PROFILE STA 133+50 TO 138+50

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, PP 5

JOB NUMBER:
21-207B

SHEET NUMBER:

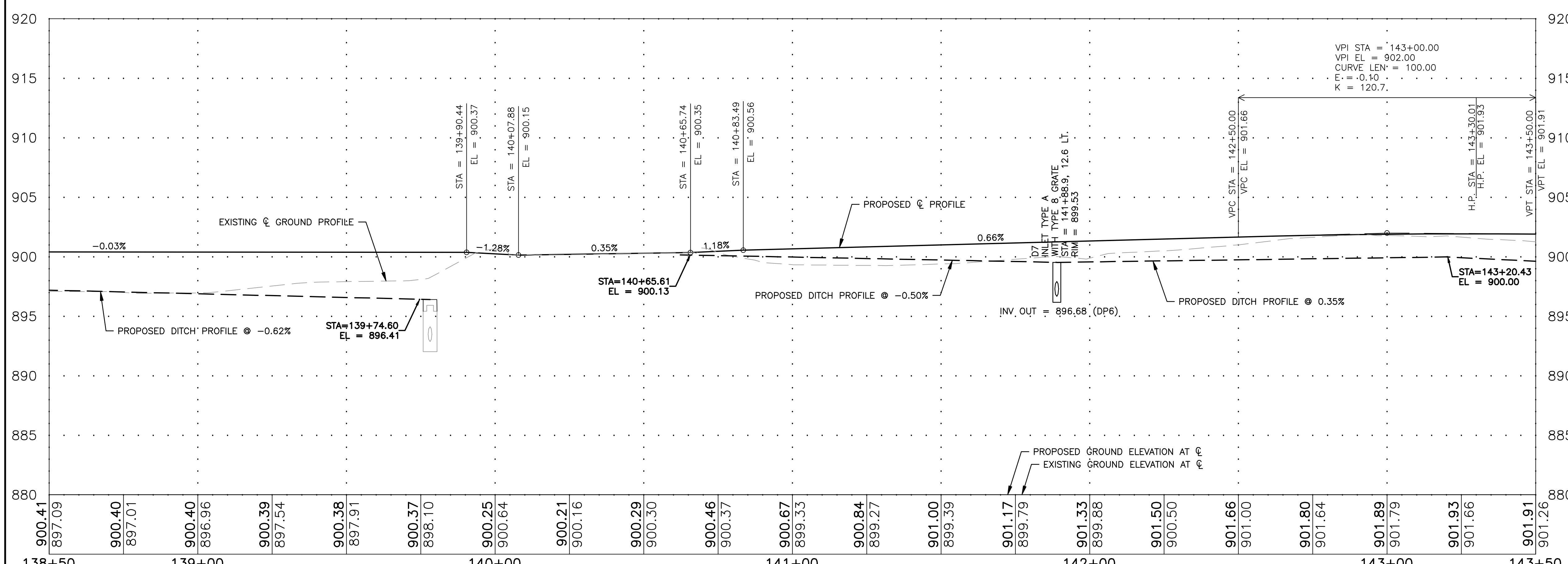
PLOT DATE: 5/8/24

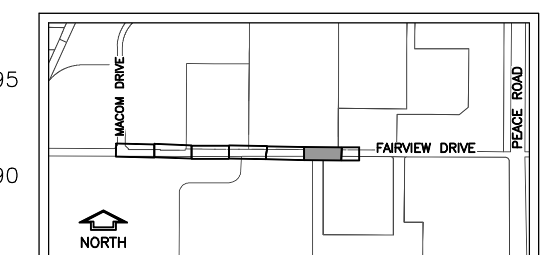


SCALE
HOR 20 0 20 40
VER 5 0 5 10

LEGEND

- HOT MIX ASPHALT PAVEMENT
- P.C. CONCRETE SIDEWALK, 5"
- DETECTABLE WARNINGS
- AGGREGATE BASE COURSE TY B, 8"





KEY MAP

BM1 = CONTROL POINT REBAR W/CAP (CP5)
N 1909168.15, E 872978.28, ELEV 901.46

BM2 = CONTROL POINT REBAR W/CAP (CP6)
N 1909151.86, E 874095.00, ELEV 899.16

BM3 = CONTROL POINT REBAR (CP7)
N 1909162.15, E 874590.97, ELEV 905.13

FEHR GRAHAM
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ILLINOIS
IOWA
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PLOT DATE: 5/8/24

OWNER/DEVELOPER:
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164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

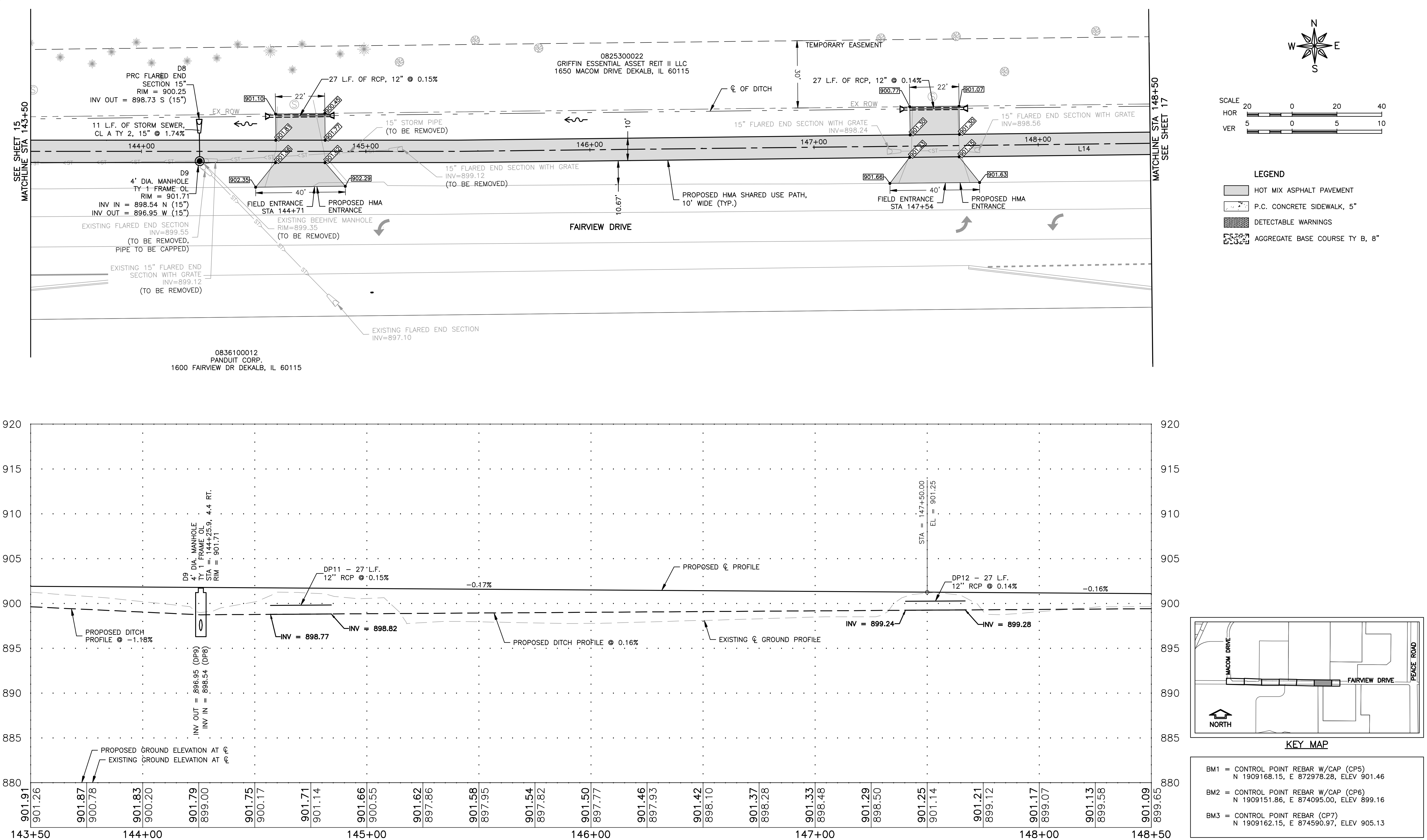
REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
PLAN AND PROFILE STA 138+50 TO 143+50

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, PP 6

JOB NUMBER:
21-207B



FEHR GRAHAM
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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

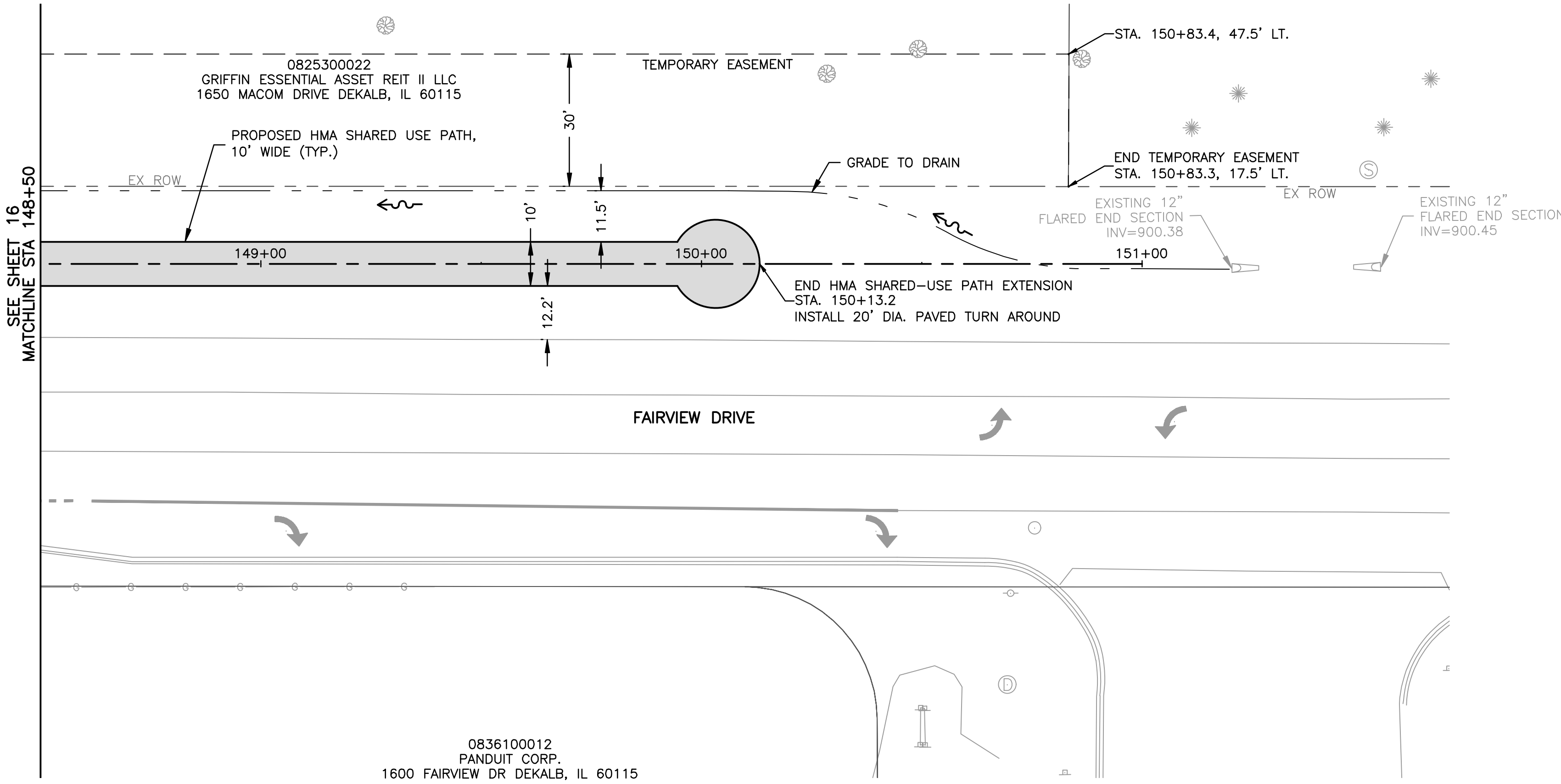
DRAWING:
PLAN AND PROFILE STA 143+50 TO 148+50

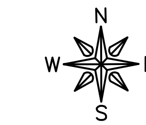
SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, PP 7

JOB NUMBER:
21-207B

SHEET NUMBER:
16 of 38

PLOT DATE: 5/8/24



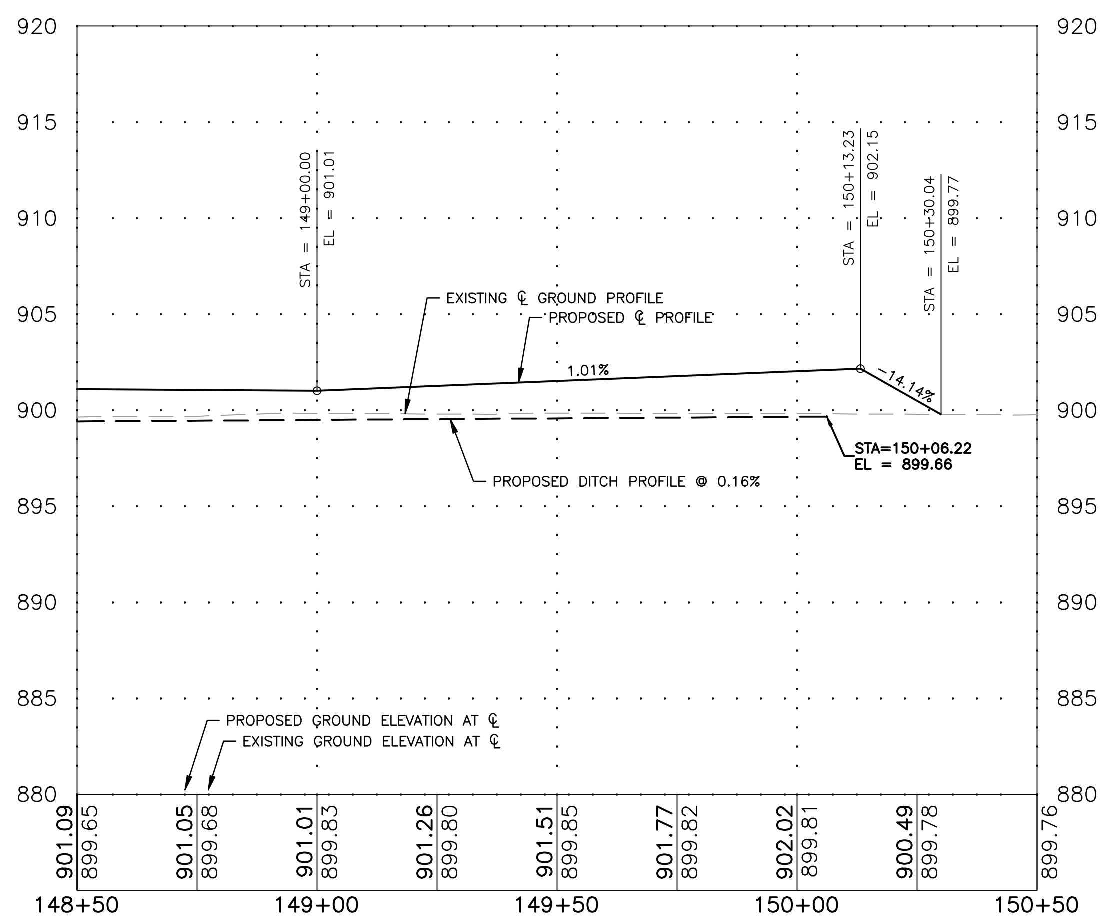


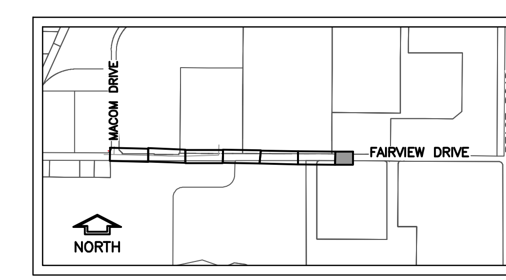
SCALE

HOR	20	0	20	40
VER	5	0	5	10

LEGEND

- HOT MIX ASPHALT PAVEMENT
- P.C. CONCRETE SIDEWALK, 5"
- DETECTABLE WARNINGS
- AGGREGATE BASE COURSE TY B, 8"





KEY MAP

BM1 = CONTROL POINT REBAR W/CAP (CP5)
N 1909168.15, E 872978.28, ELEV 901.46

BM2 = CONTROL POINT REBAR W/CAP (CP6)
N 1909151.86, E 874095.00, ELEV 899.16

BM3 = CONTROL POINT REBAR (CP7)
N 1909162.15, E 874590.97, ELEV 905.13

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

ILLINOIS
IOWA
WISCONSIN

PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

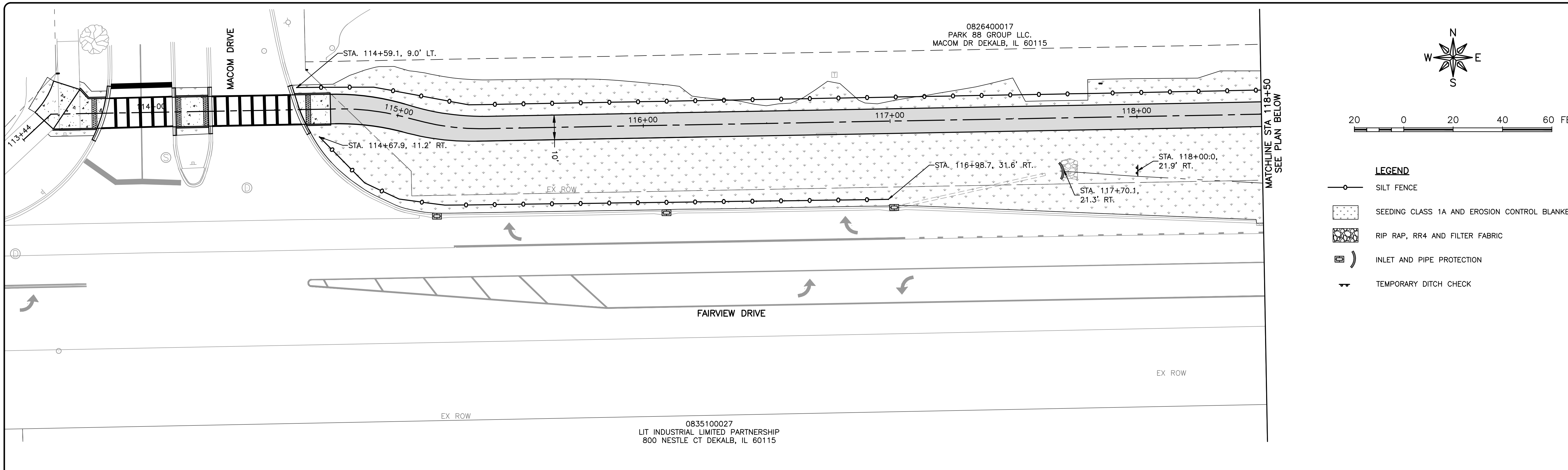
REVISIONS

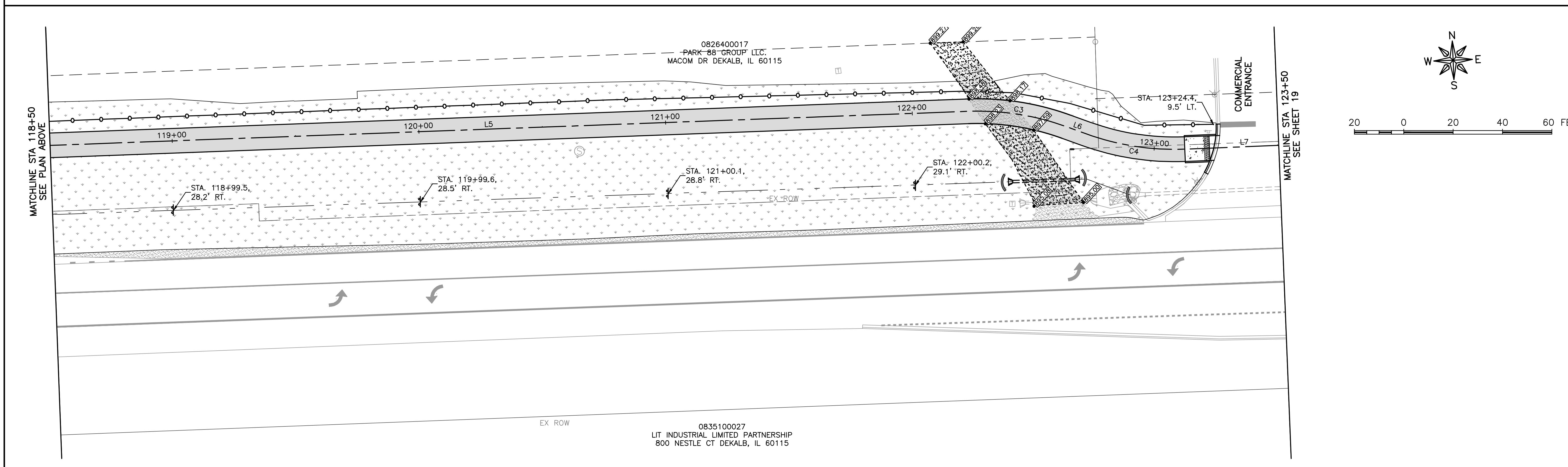
REV. NO.	DESCRIPTION	DATE

DRAWING:
PLAN AND PROFILE STA 148+50 TO 150+30

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, PP 8

JOB NUMBER:
21-207B





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

ILLINOIS
IOWA
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PLOT DATE: 5/8/24

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DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
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SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

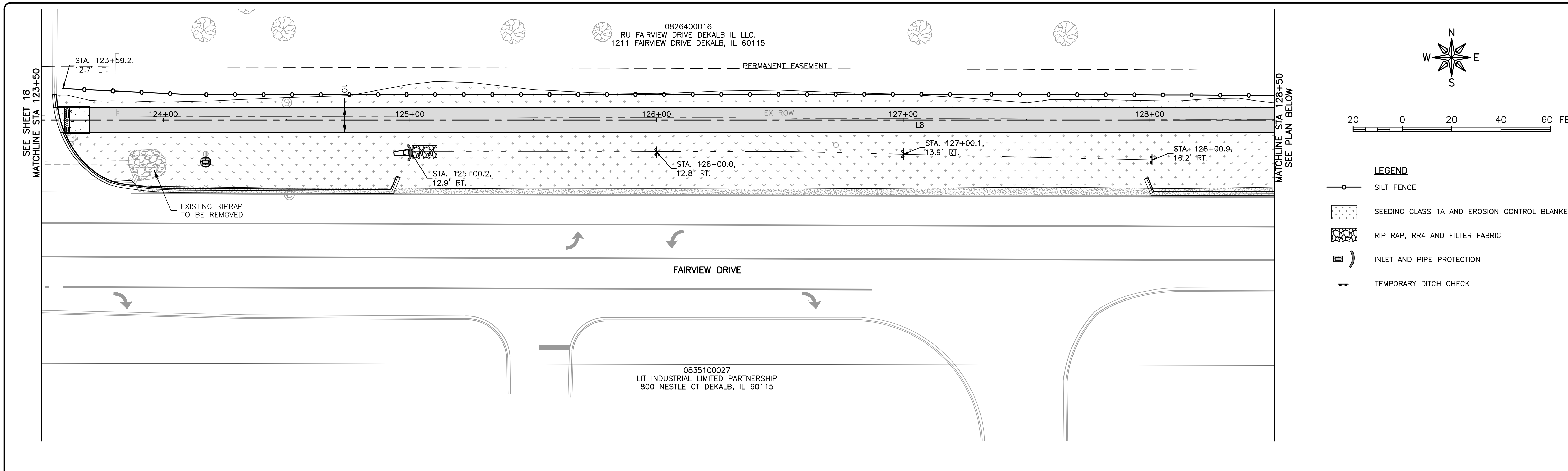
REVISIONS		
REV. NO.	DESCRIPTION	DATE

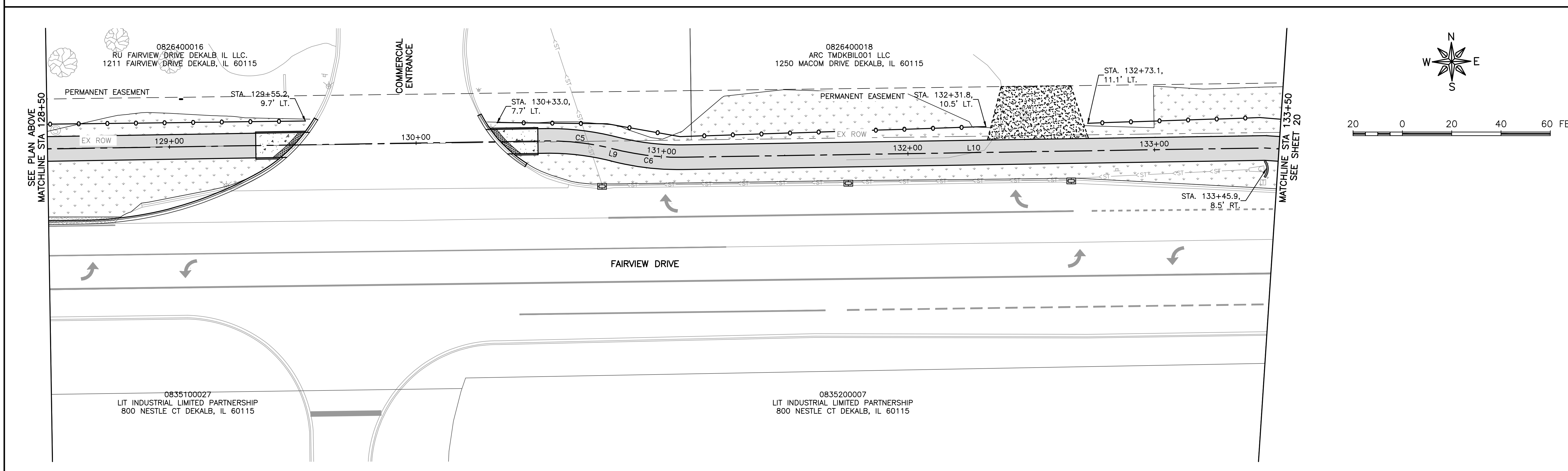
DRAWING:
EROSION CONTROL PLAN

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, EROSION1

JOB NUMBER:
21-207B

SHEET NUMBER:
18 of 38





FEHR GRAHAM
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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

PLOT DATE: 5/8/24

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164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

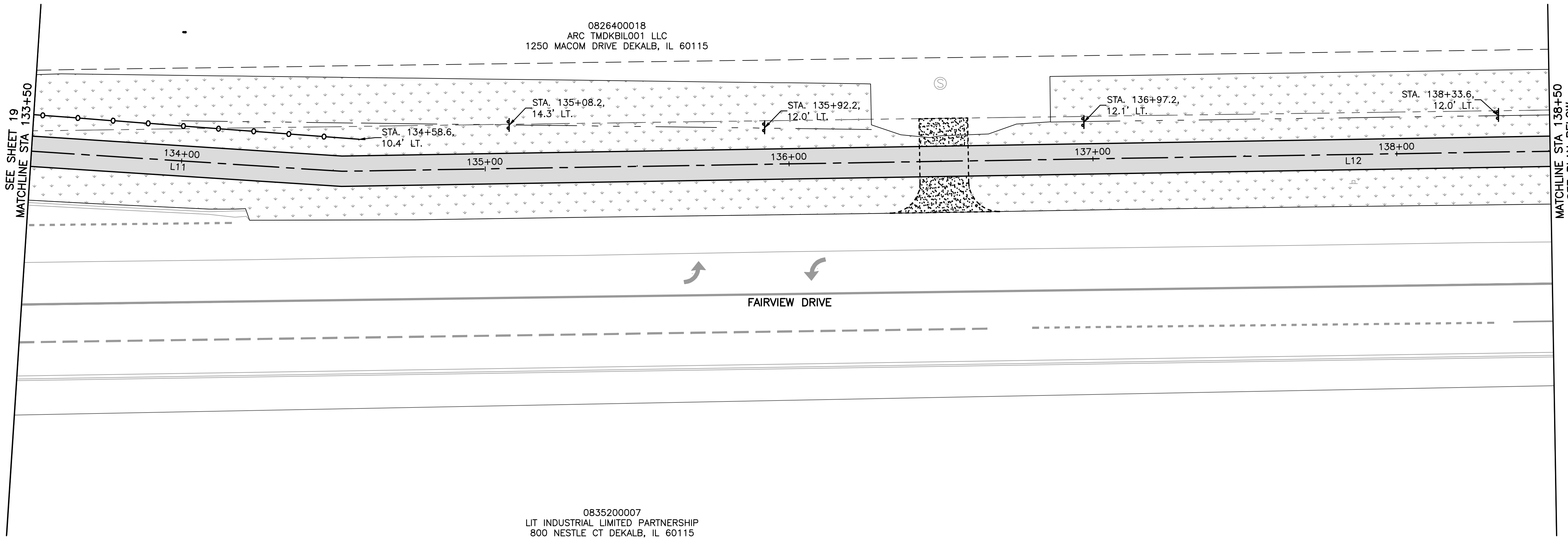
REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
EROSION CONTROL PLAN

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, EROSION2

JOB NUMBER:
21-207B

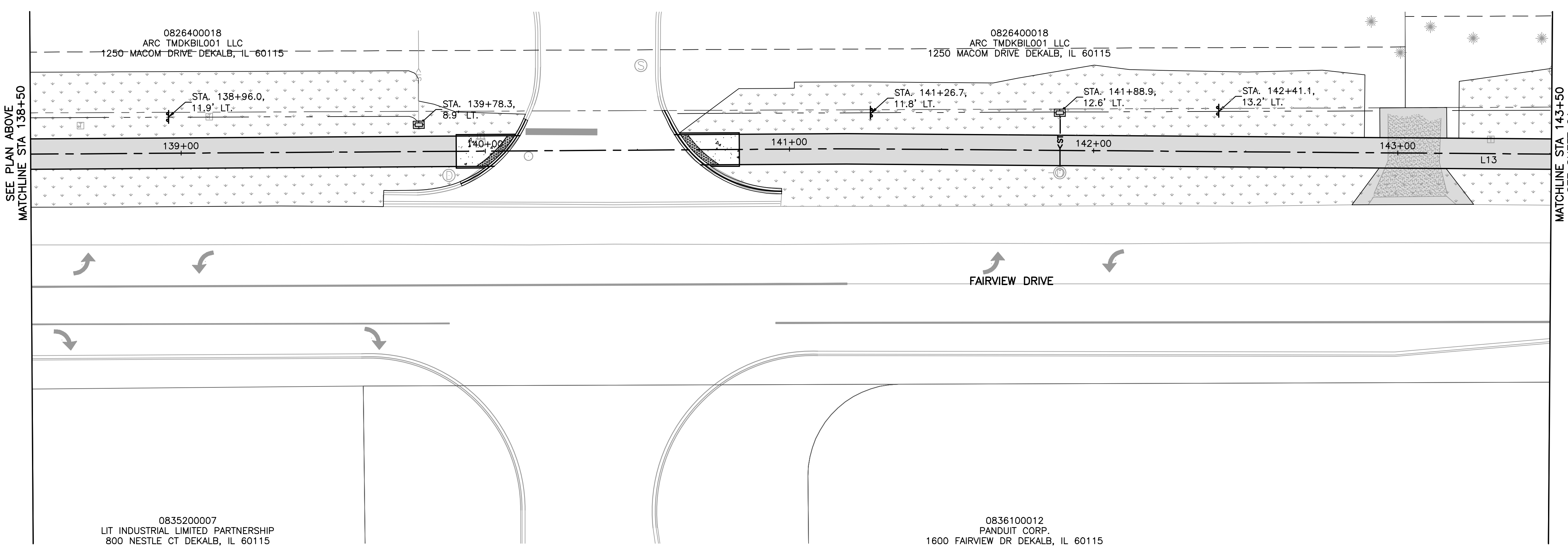


N
W E
S

20 0 20 40 60 FEET

LEGEND

- SILT FENCE
- SEEDING CLASS 1A AND EROSION CONTROL BLANKET
- RIP RAP, RR4 AND FILTER FABRIC
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK



N
W E
S

20 0 20 40 60 FEET

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

ILLINOIS
IOWA
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PLOT DATE: 5/8/24

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DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

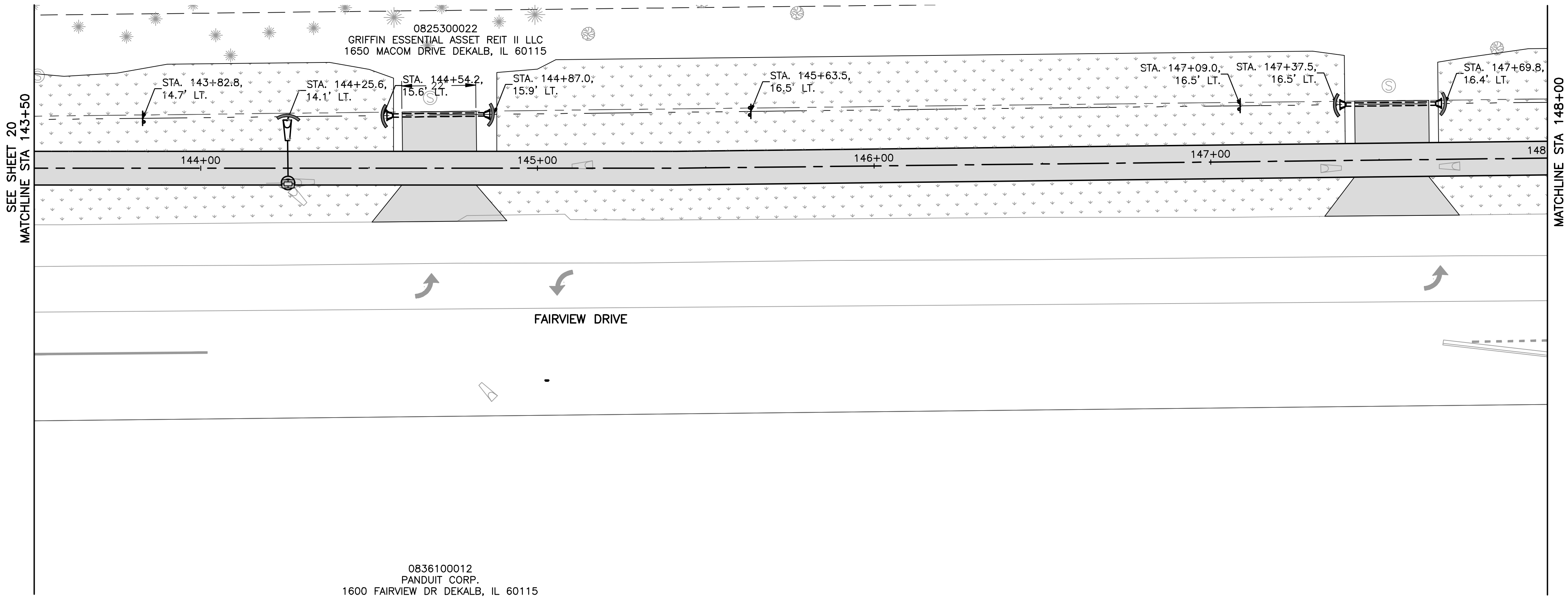
DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

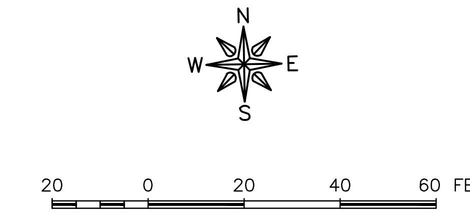
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
EROSION CONTROL PLAN

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, EROSION3

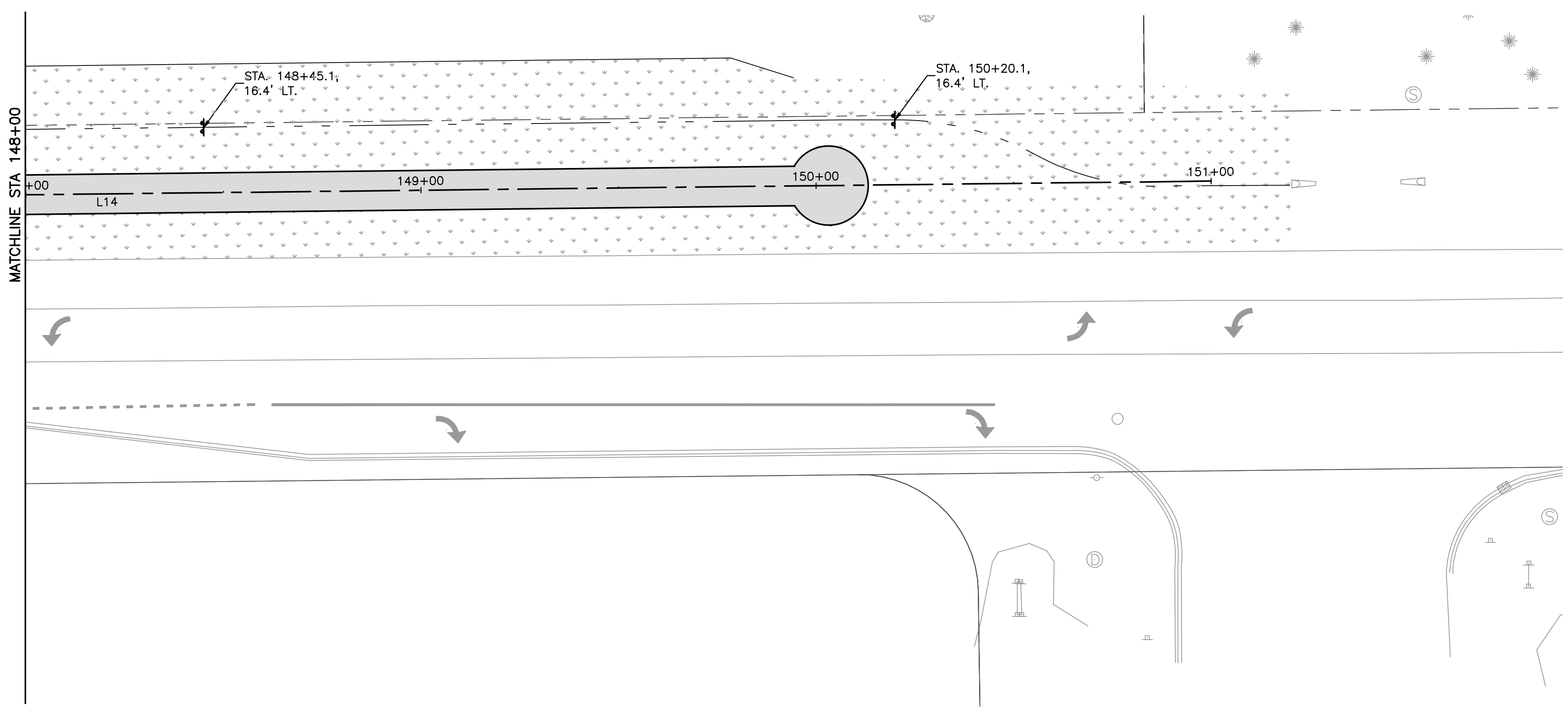
JOB NUMBER:
21-207B





LEGEND

- SILT FENCE
- SEEDING CLASS 1A AND EROSION CONTROL BLANKET
- RIP RAP, RR4 AND FILTER FABRIC
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

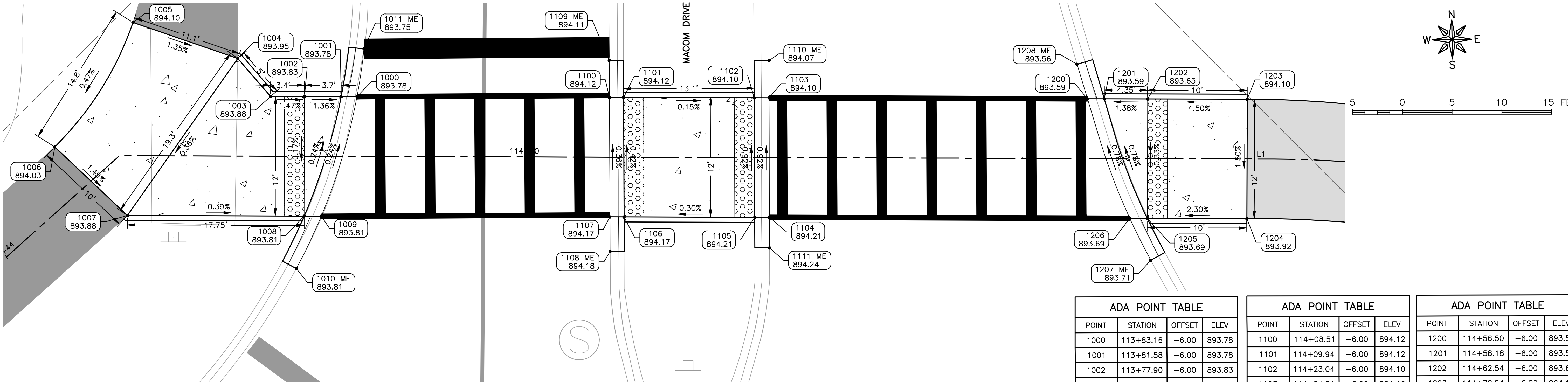


FEHR GRAHAM ENGINEERING & ENVIRONMENTAL ILLINOIS DESIGN FIRM NO. 184-003525	ILLINOIS IOWA WISCONSIN	OWNER/DEVELOPER: CITY OF DEKALB 164 E. LINCOLN HIGHWAY DEKALB, IL 60115	PROJECT AND LOCATION: CONTRACT #87749 19-00196-000-BT FAIRVIEW SUP-SEGMENT B DEKALB, ILLINOIS	DRAWN BY: JMV APPROVED BY: JTS DATE: 02/09/2022 SCALE: AS NOTED	DRAWING: EROSION CONTROL PLAN	JOB NUMBER: 21-207B
					SET TYPE: BID SET G:\C30\21\21-207 B\21-207 B - Design.dwg, EROSION4	SHEET NUMBER: 21 of 38

REVISIONS

REV. NO.	DESCRIPTION	DATE

PLOT DATE: 5/8/24



ADA POINT TABLE

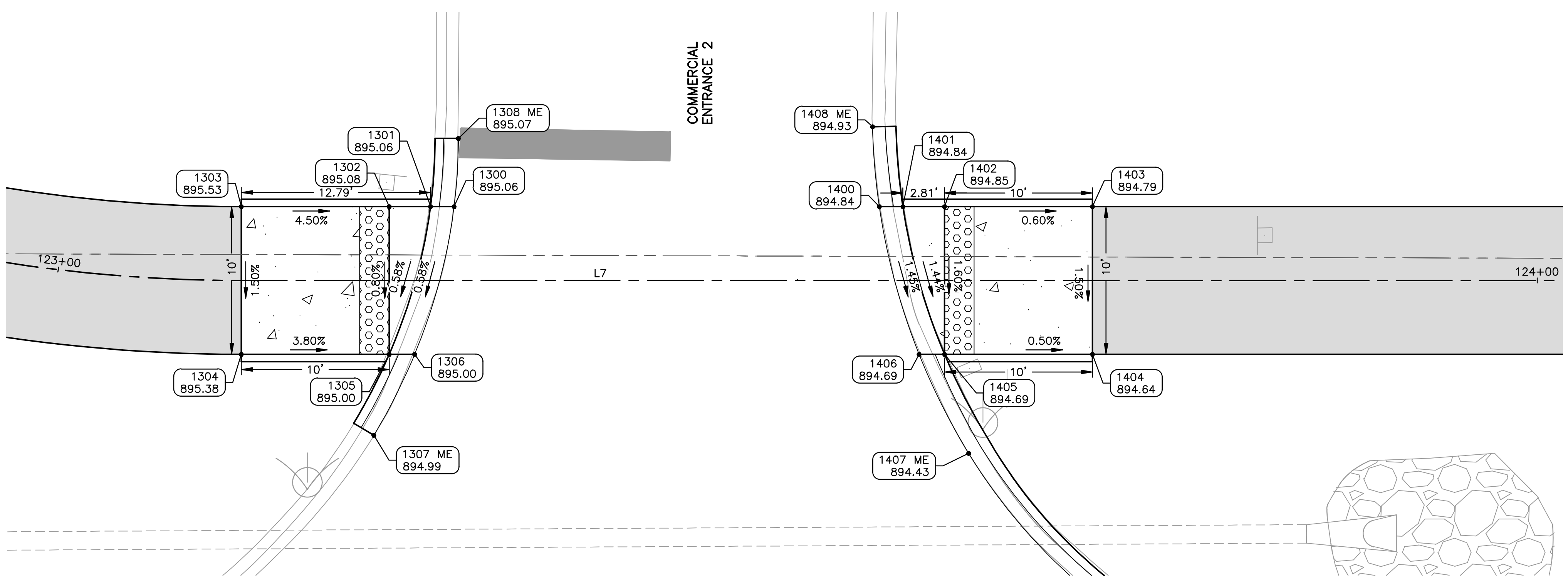
POINT	STATION	OFFSET	ELEV
1000	113+83.16	−6.00	893.78
1001	113+81.58	−6.00	893.78
1002	113+77.90	−6.00	893.83
1003	113+74.49	−6.00	893.88
1004	113+71.19	−9.81	893.95
1005	113+60.66	−13.39	894.10
1006	113+55.09	−5.00	894.03
1007	113+55.92	5.00	893.88
1008	113+77.90	6.00	893.81
1009	113+79.62	6.00	893.81
1010 ME	113+77.13	11.28	893.81
1011 ME	113+83.85	−10.81	893.75

ADA POINT TABLE

POINT	STATION	OFFSET	ELEV
1100	114+08.51	−6.00	894.12
1101	114+09.94	−6.00	894.12
1102	114+23.04	−6.00	894.10
1103	114+24.54	−6.00	894.10
1104	114+24.61	6.00	894.21
1105	114+23.13	6.00	894.21
1106	114+10.01	6.00	894.17
1107	114+08.59	6.00	894.17
1108 ME	114+08.63	9.47	894.18
1109 ME	114+08.48	−9.71	894.11
1110 ME	114+24.52	−9.74	894.07
1111 ME	114+24.62	9.06	894.24

ADA POINT TABLE

POINT	STATION	OFFSET	ELEV
1200	114+56.50	−6.00	893.59
1201	114+58.18	−6.00	893.59
1202	114+62.54	−6.00	893.65
1203	114+72.54	−6.00	894.10
1204	114+72.54	6.00	893.92
1205	114+62.54	6.00	893.69
1206	114+60.78	6.00	893.69
1207 ME	114+62.90	10.20	893.71
1208 ME	114+55.44	−9.46	893.56



ADA POINT TABLE

POINT	STATION	OFFSET	ELEV
1300	123+26.79	−5.00	895.06
1301	123+25.19	−5.00	895.06
1302	123+22.40	−5.00	895.08
1303	123+12.40	−5.00	895.53
1304	123+12.40	5.00	895.38
1305	123+22.40	5.00	895.00
1306	123+24.12	5.00	895.00

ADA POINT TABLE

POINT	STATION	OFFSET	ELEV
1400	123+55.53	−5.00	894.84
1401	123+57.13	−5.00	894.84
1402	123+59.94	−5.00	894.85
1403	123+69.94	−5.00	894.79
1404	123+69.94	5.00	894.64
1405	123+59.94	5.00	894.69
1406	123+58.22	5.00	894.69

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

ILLINOIS
IOWA
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PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
ADA RAMPS

SET TYPE: BID SET
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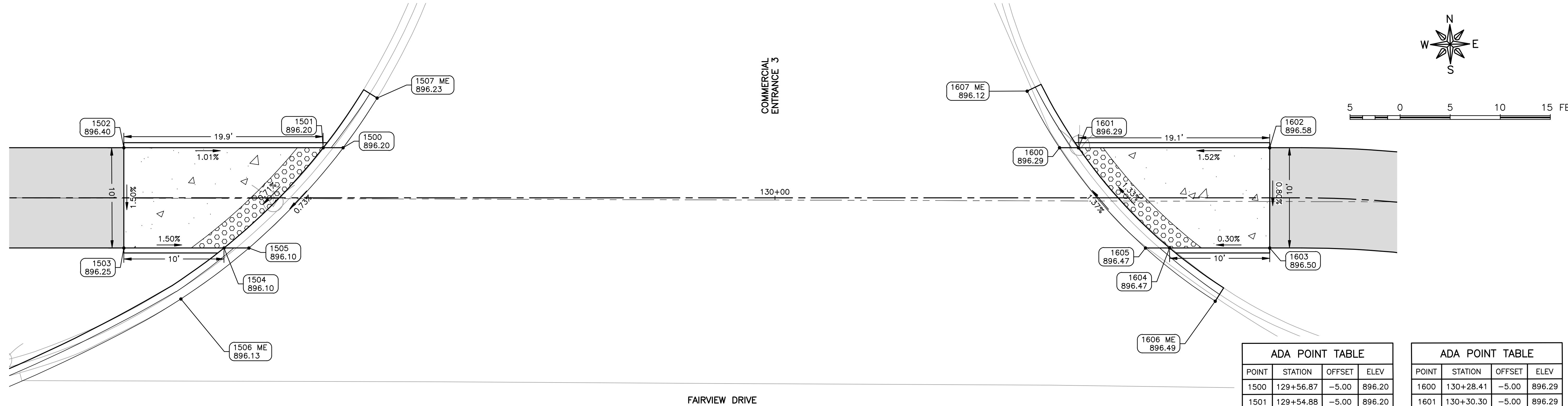
JOB NUMBER:
21-207B

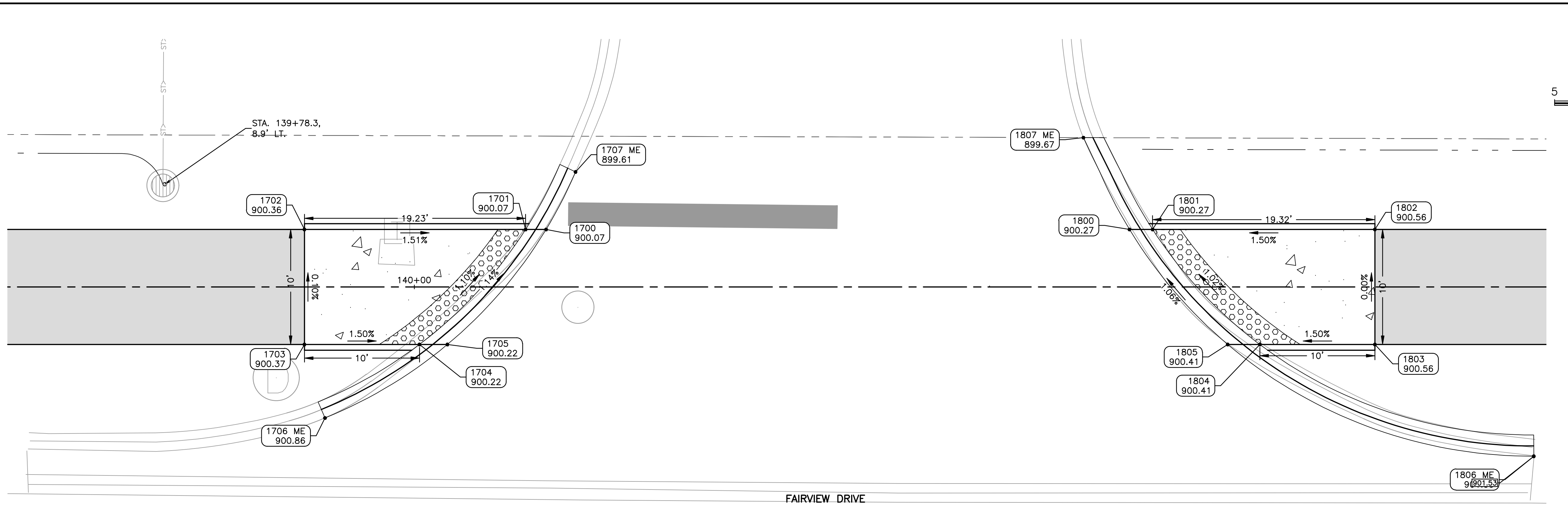


ADA POINT TABLE

POINT	STATION	OFFSET	ELEV
1500	129+56.87	−5.00	896.20
1501	129+54.88	−5.00	896.20
1502	129+34.98	−5.00	896.40
1503	129+34.98	5.00	896.25
1504	129+44.98	5.00	896.10
1505	129+47.47	5.00	896.10

ADA POINT TABLE

POINT	STATION	OFFSET	ELEV
1600	130+28.41	−5.00	896.29
1601	130+30.30	−5.00	896.29
1602	130+49.39	−5.00	896.58
1603	130+49.39	5.00	896.50
1604	130+39.39	5.00	896.47
1605	130+36.99	5.00	896.47



ADA POINT TABLE

POINT	STATION	OFFSET	ELEV
1701	140+09.67	−5.00	900.07
1702	139+90.44	−5.00	900.36
1703	139+90.44	5.00	900.37
1704	140+00.44	5.00	900.22
1705	140+02.87	5.00	900.22
1706 ME	139+92.23	11.39	900.86
1707 ME	140+14.01	−10.00	899.61

ADA POINT TABLE

POINT	STATION	OFFSET	ELEV
1800	140+62.16	−5.00	900.27
1801	140+64.17	−5.00	900.27
1802	140+83.49	−5.00	900.56
1803	140+83.49	5.00	900.56
1804	140+73.49	5.00	900.41
1805	140+70.70	5.00	900.41
1806 ME	140+97.30	14.72	901.53
1807 ME	140+58.16	−12.98	899.67

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OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
ADA RAMPS

SET TYPE: BID SET
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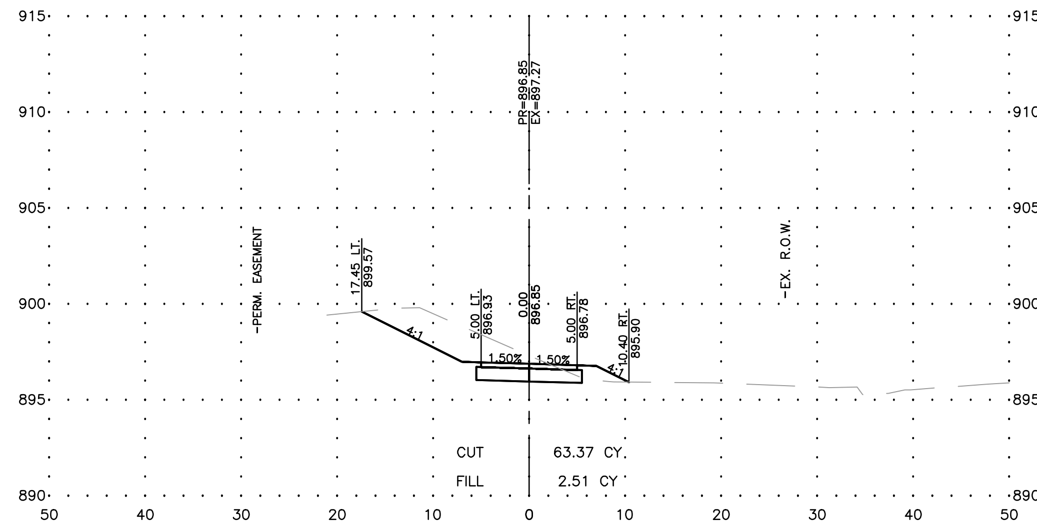
JOB NUMBER:
21-207B

SHEET NUMBER:



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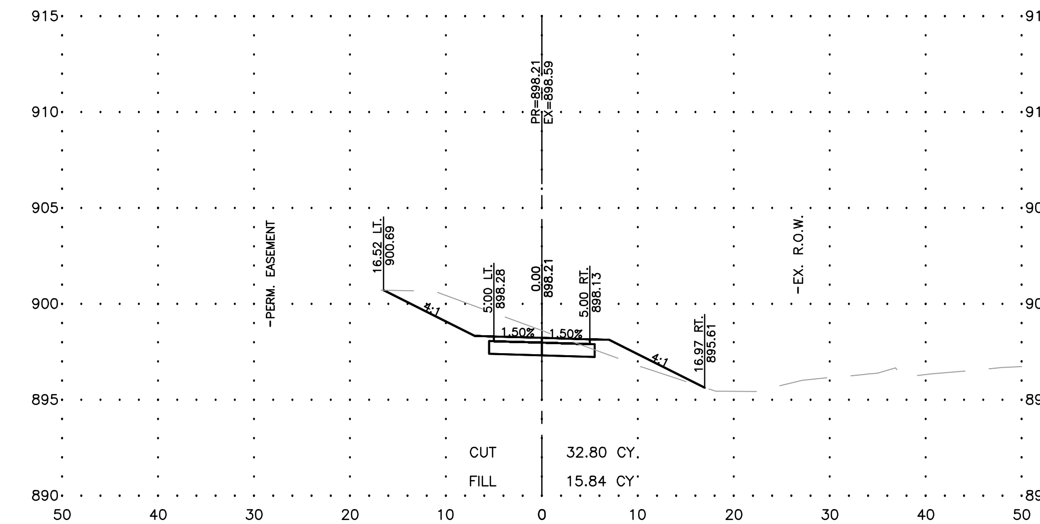

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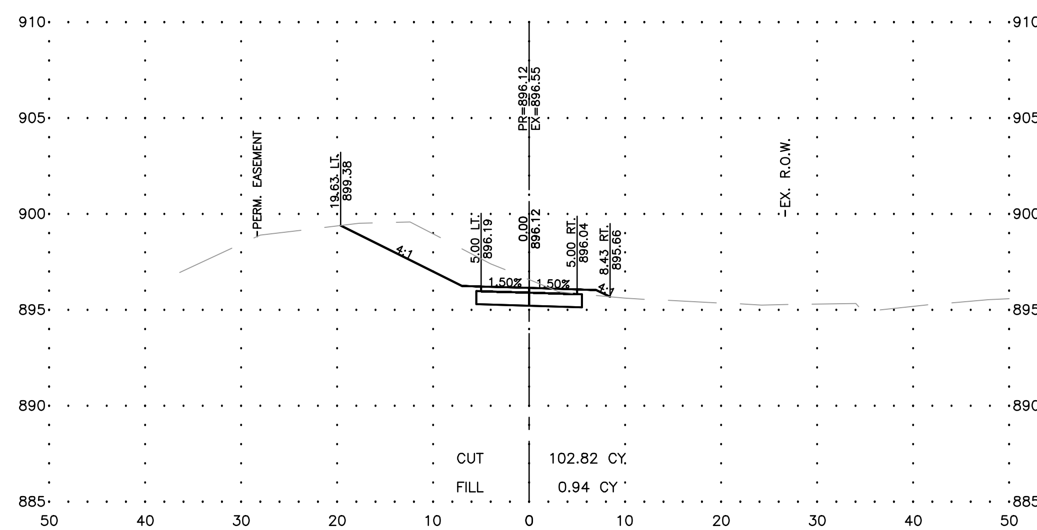

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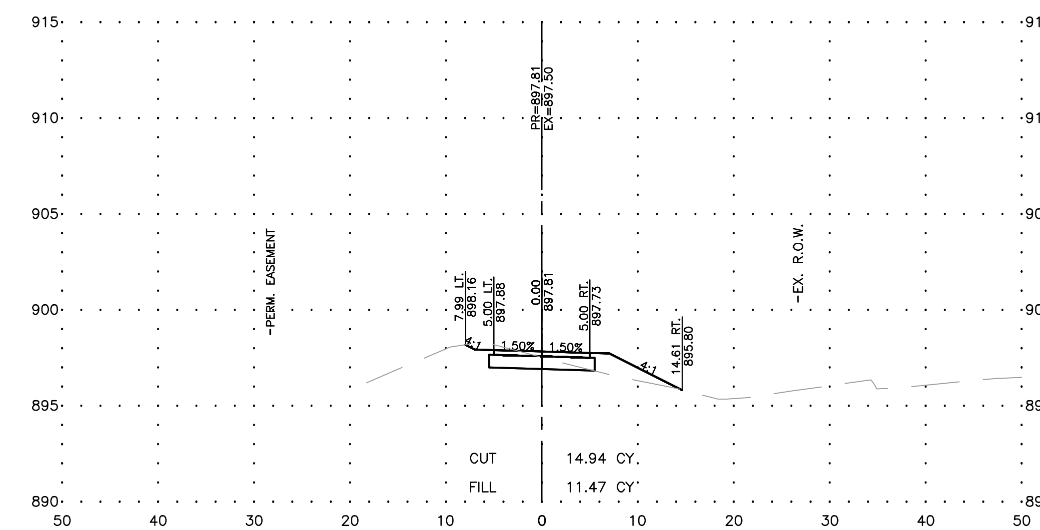

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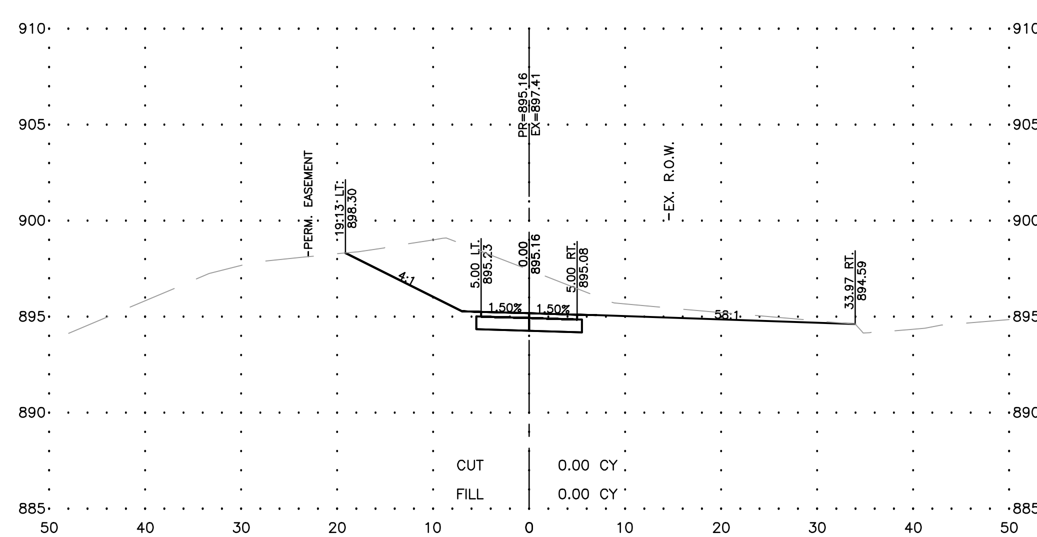

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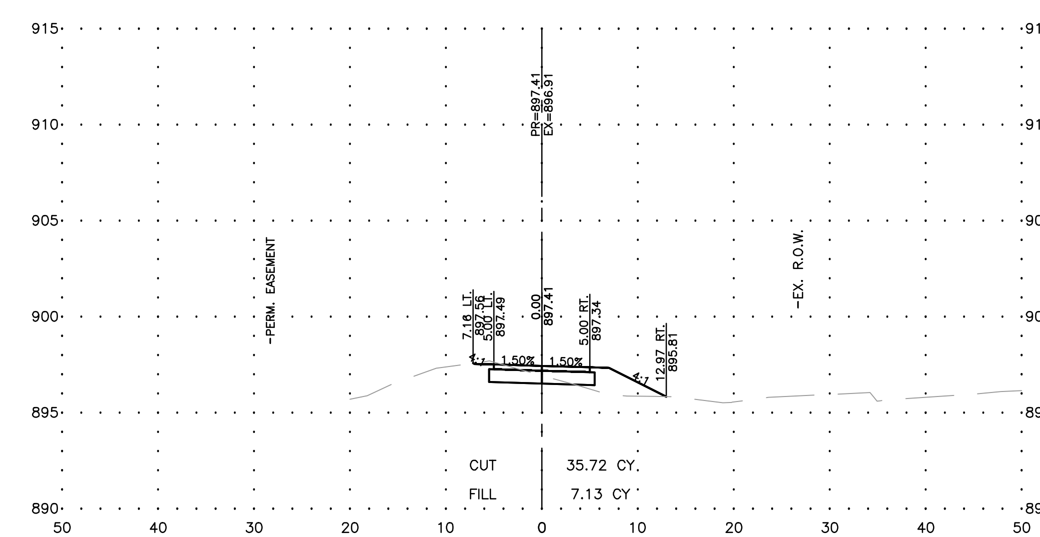

STA 116+50

SCALE
HOR 10 0 10 20
VER 5 0 5 10

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
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ILLINOIS
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164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

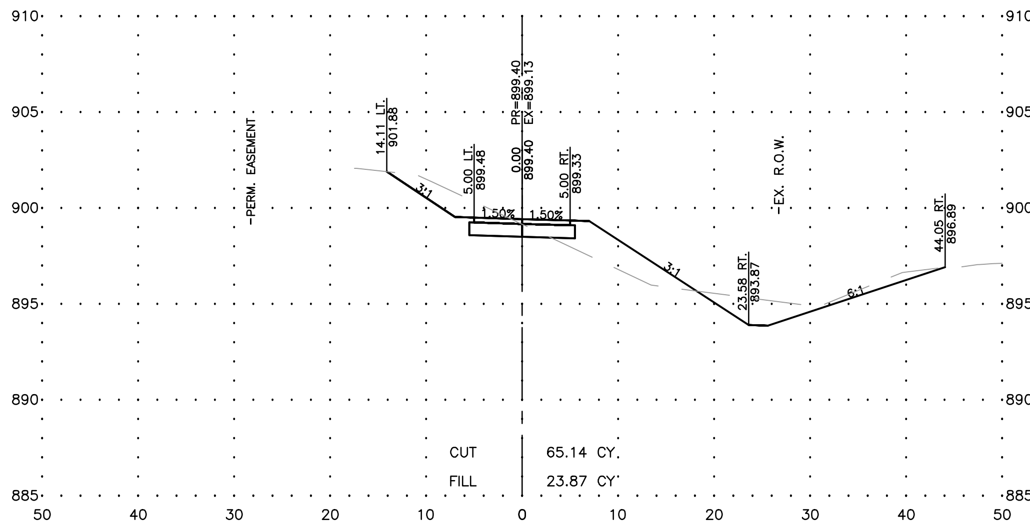
DRAWING:
CROSS SECTIONS

SET TYPE: BID SET
G:\C30\21\21-207 B\21-207 B - Design.dwg, XS1

JOB NUMBER:
21-207B

SHEET NUMBER:
24 of 38

PLOT DATE: 5/8/24



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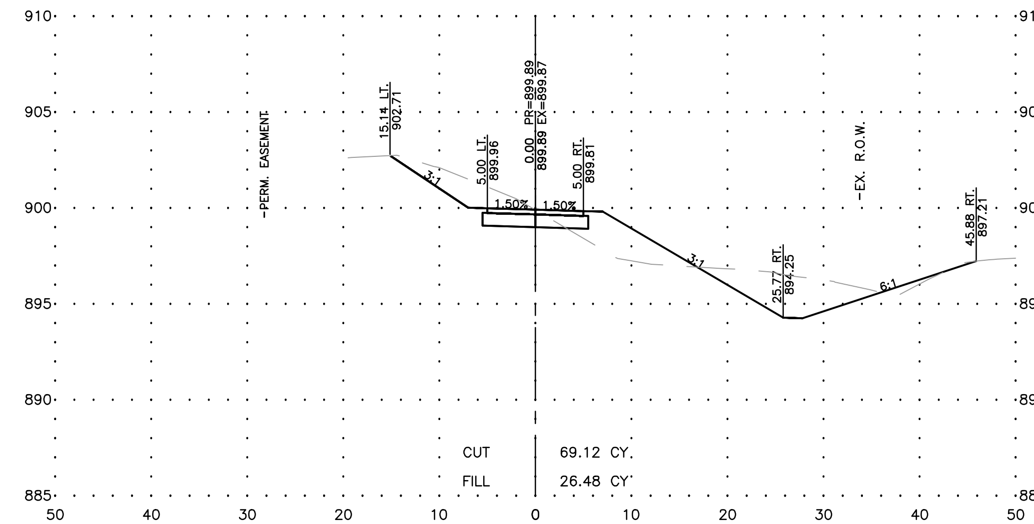

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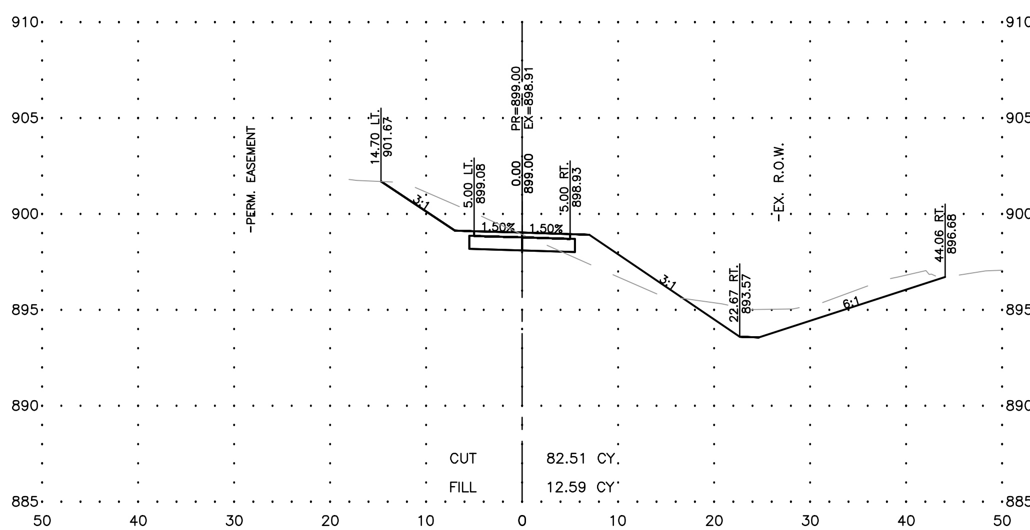

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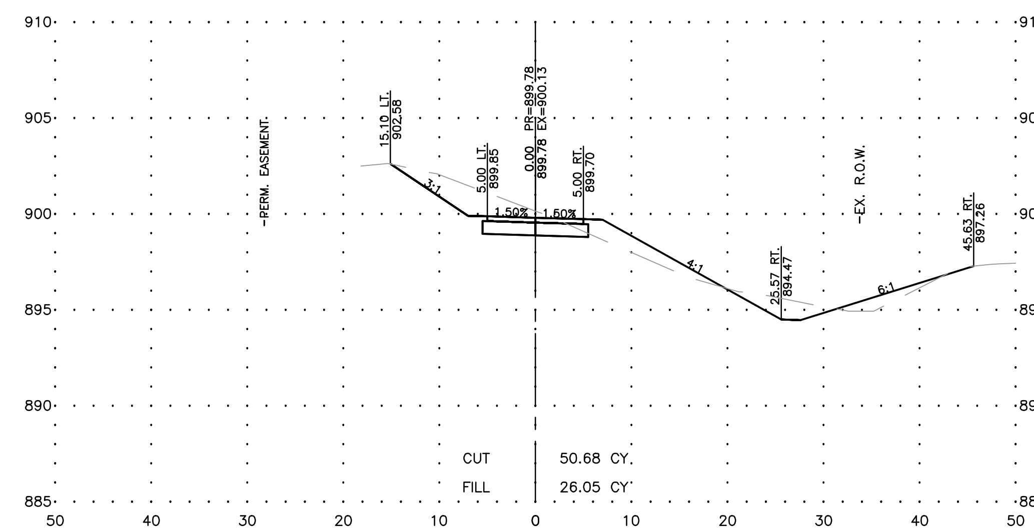

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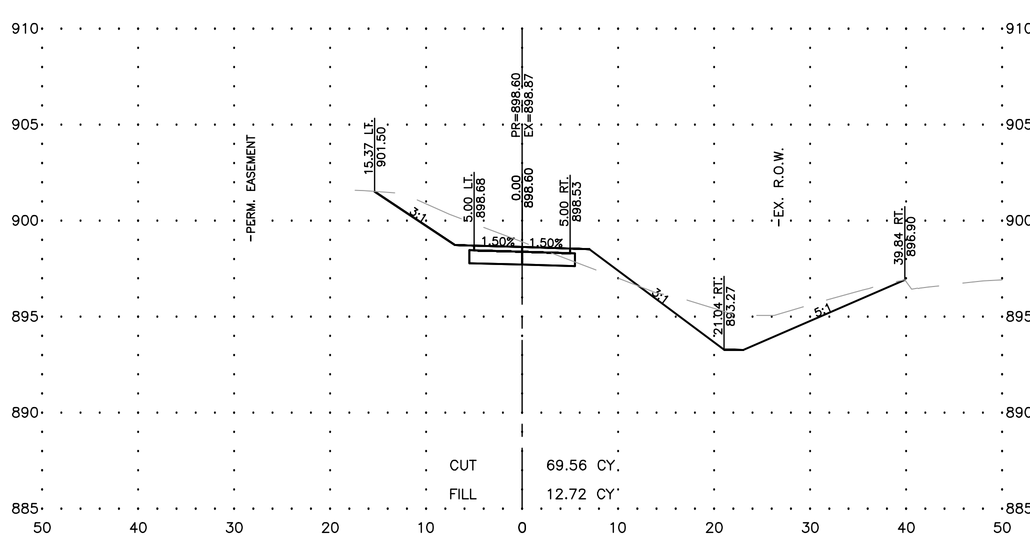

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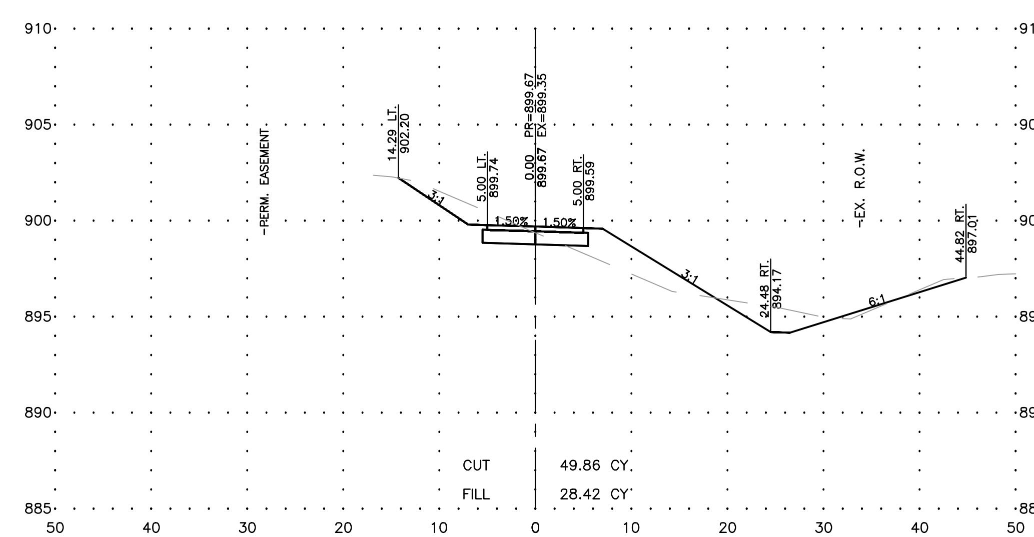

STA 119+50

SCALE
HOR 10 0 10 20
VER 5 0 5 10

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525
ILLINOIS
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PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

SET TYPE: BID SET
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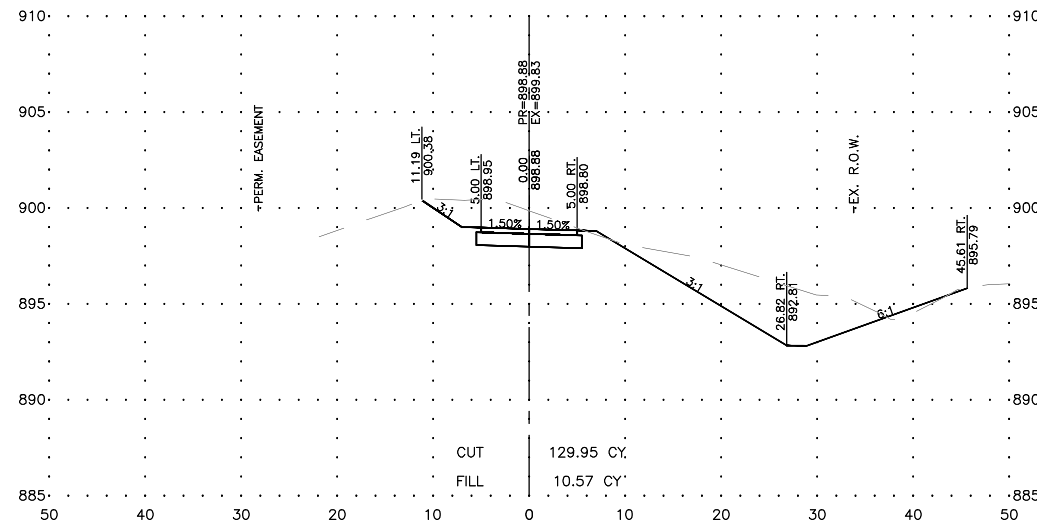
JOB NUMBER:
21-207B

SHEET NUMBER:



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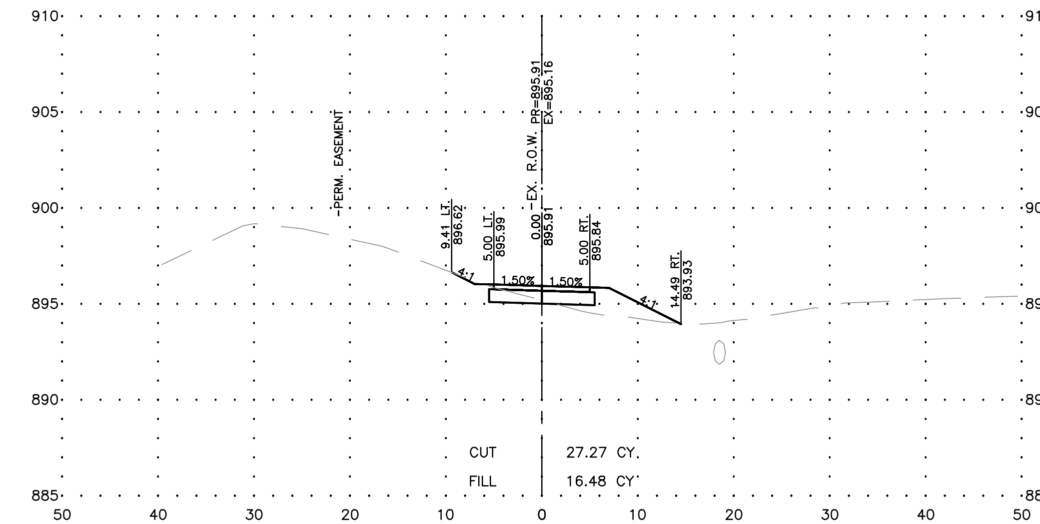
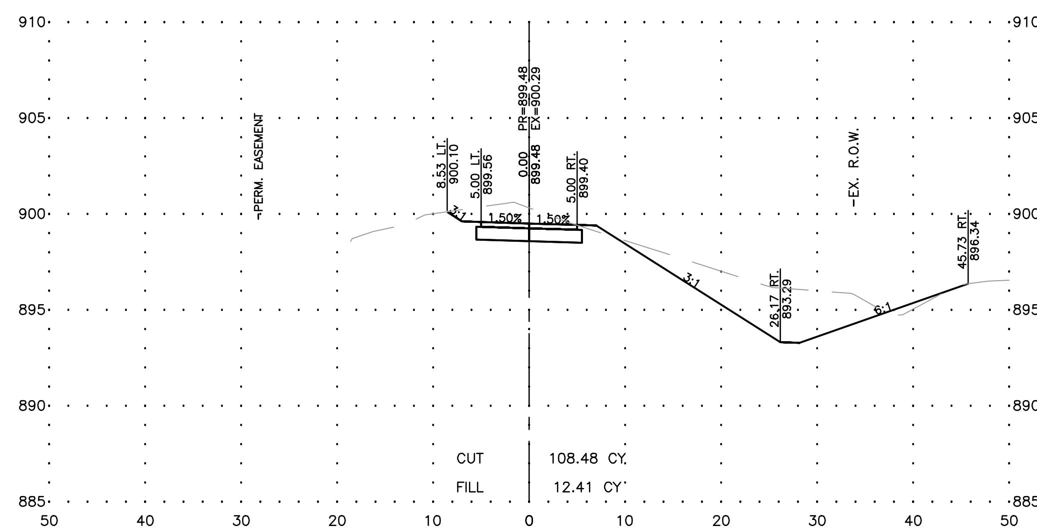


STA 123+00



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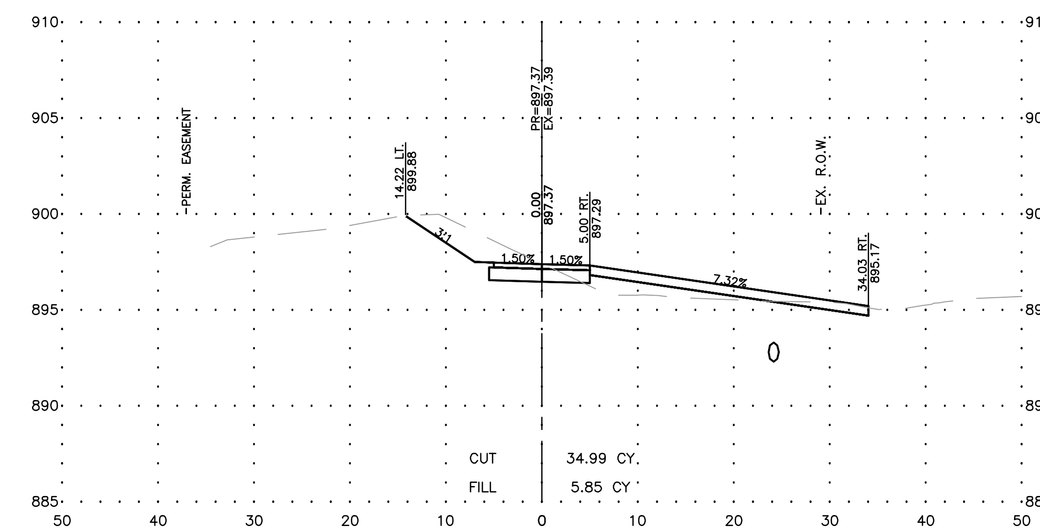

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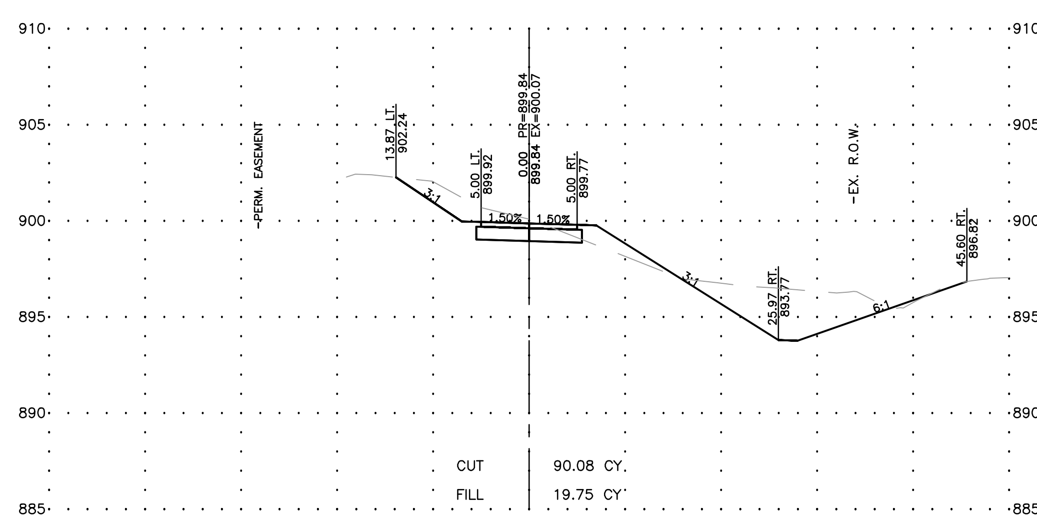
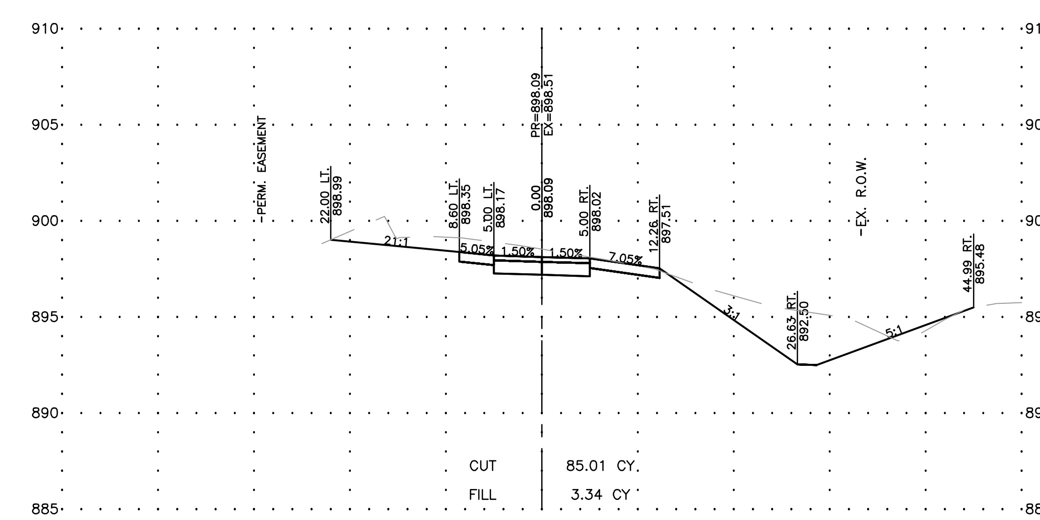


STA 121+00



STA 122+36

SCALE
HOR 10 0 10 20
VER 5 0 5 10

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
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PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

SET TYPE: BID SET
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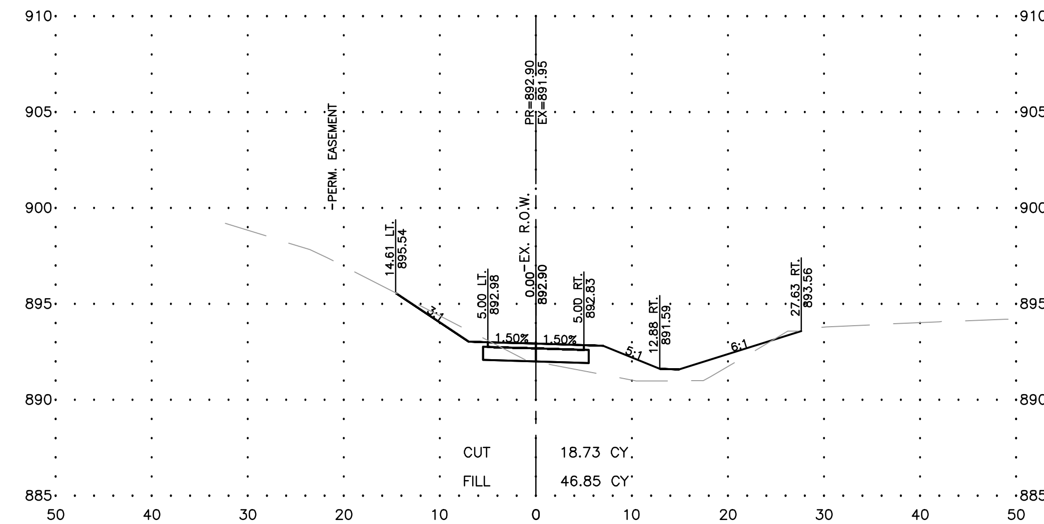
JOB NUMBER:
21-207B

SHEET NUMBER:



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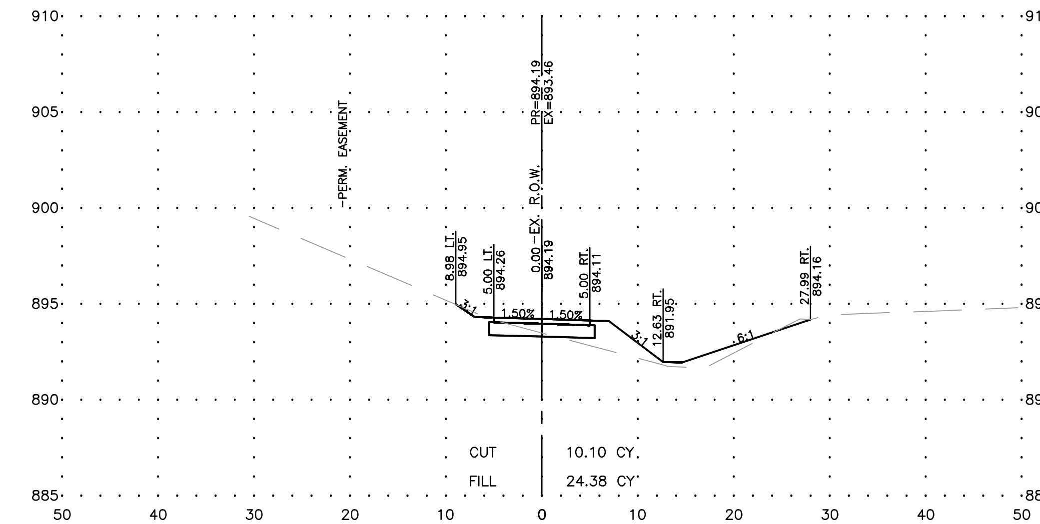

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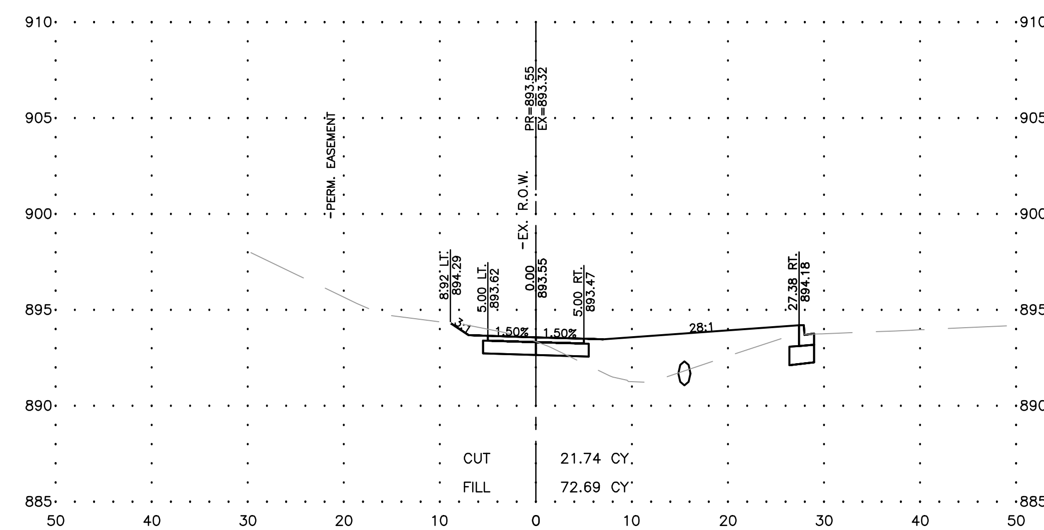

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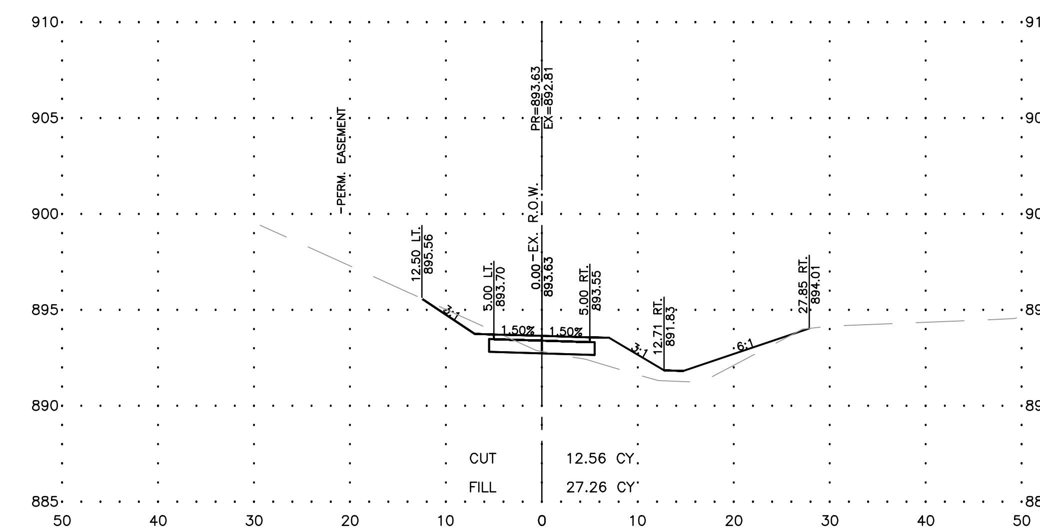

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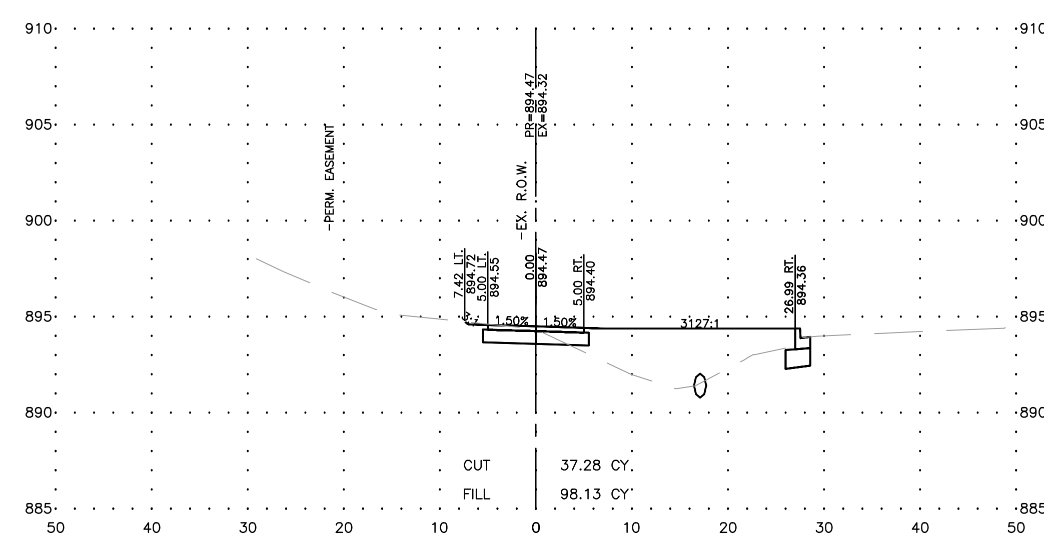
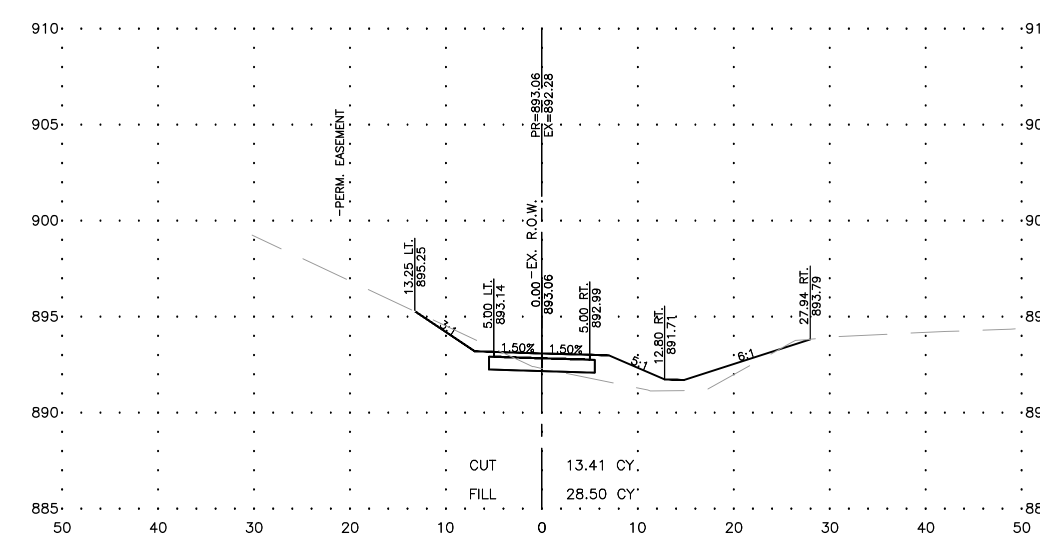


STA 124+00



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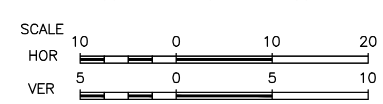

FEHR GRAHAM
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PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

SET TYPE: BID SET
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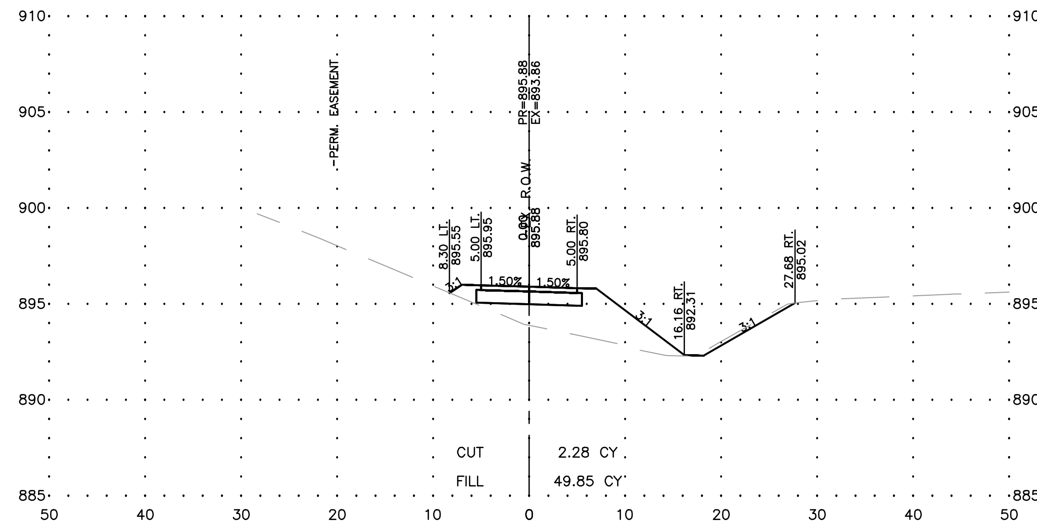
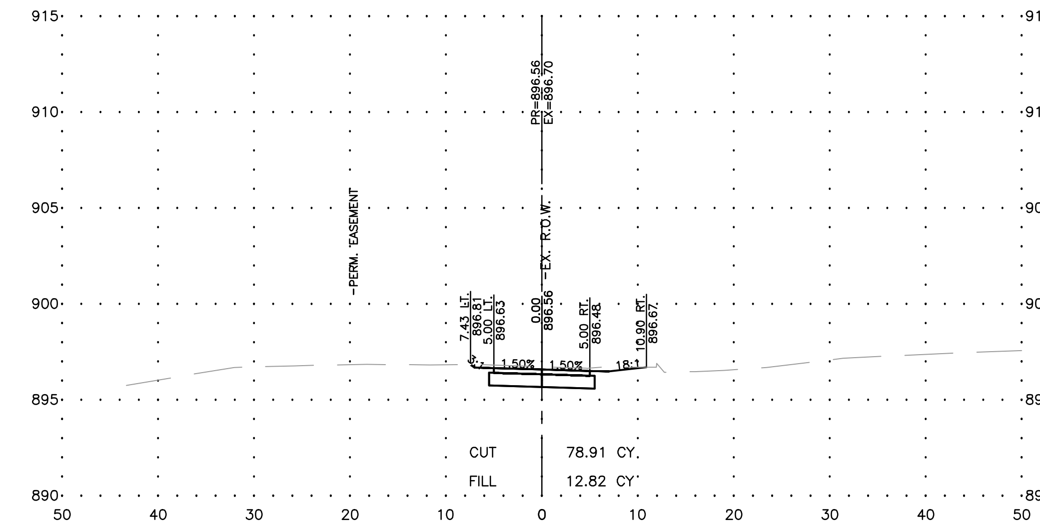
JOB NUMBER:
21-207B



STA 128+00



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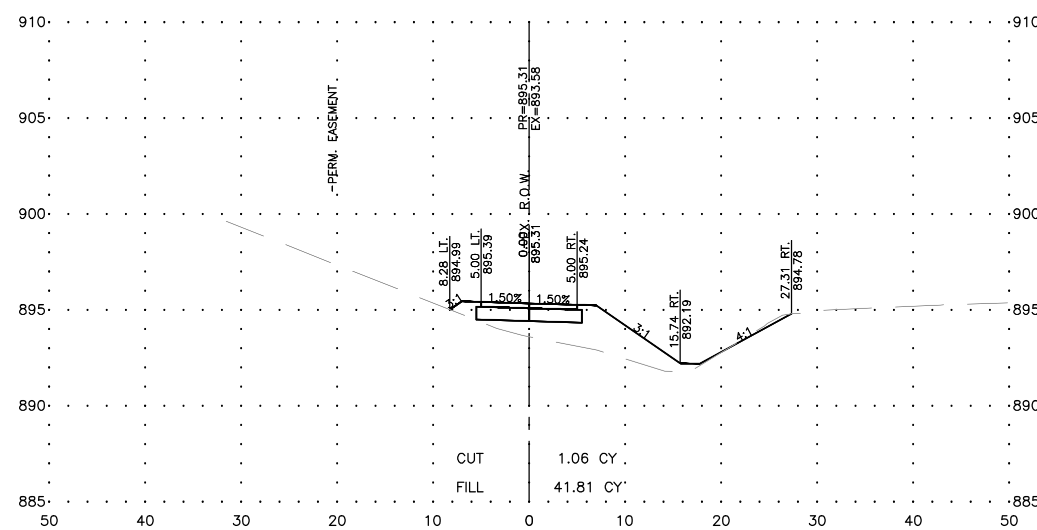

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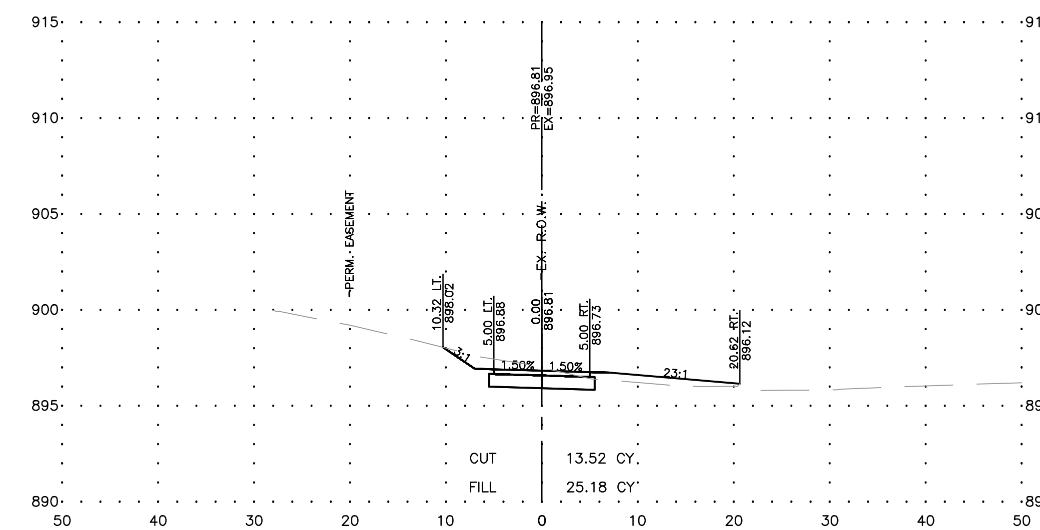

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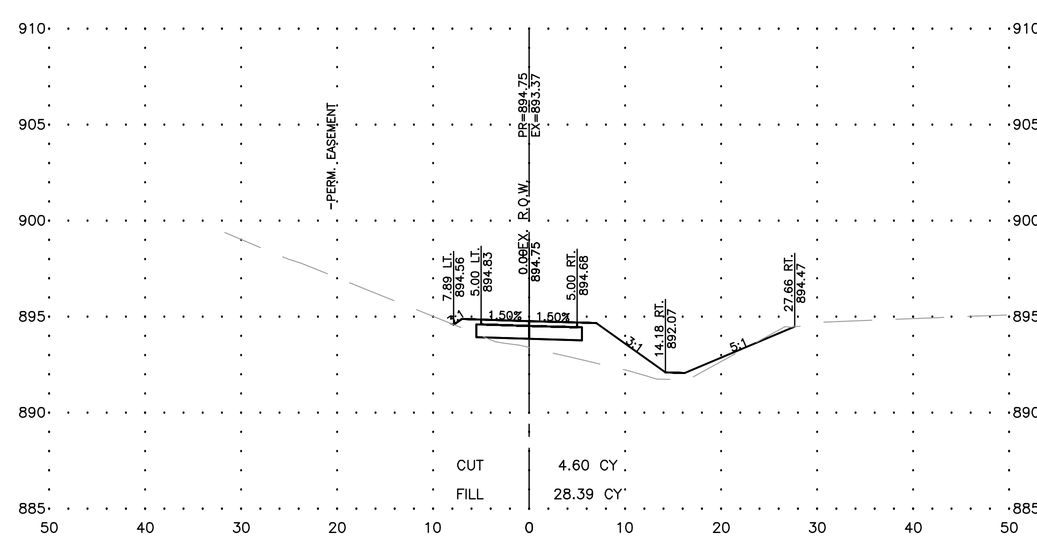

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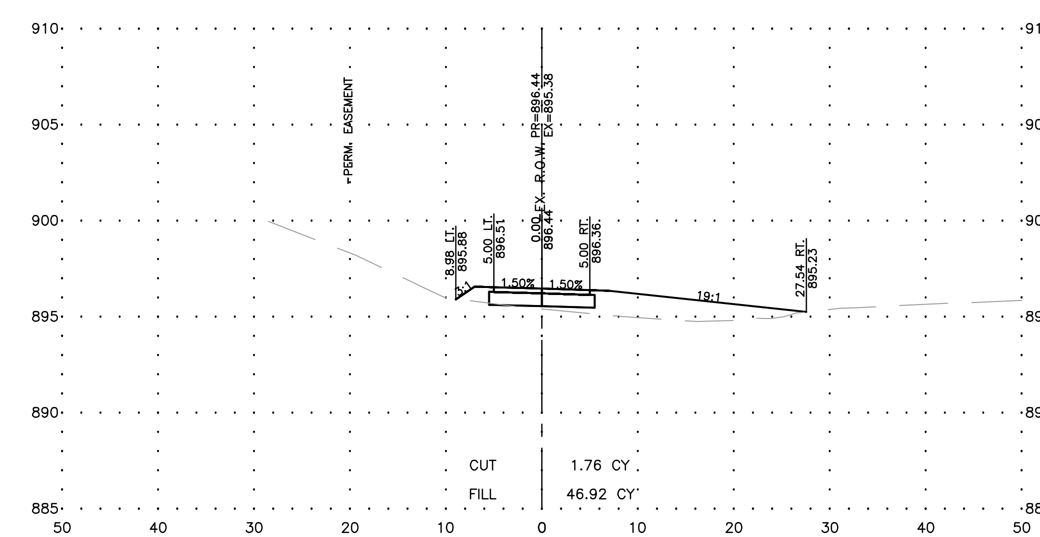

STA 128+50

SCALE
HOR 10 0 10 20
VER 5 0 5 10

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

ILLINOIS
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WISCONSIN

PLOT DATE: 5/8/24

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164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

SET TYPE: BID SET
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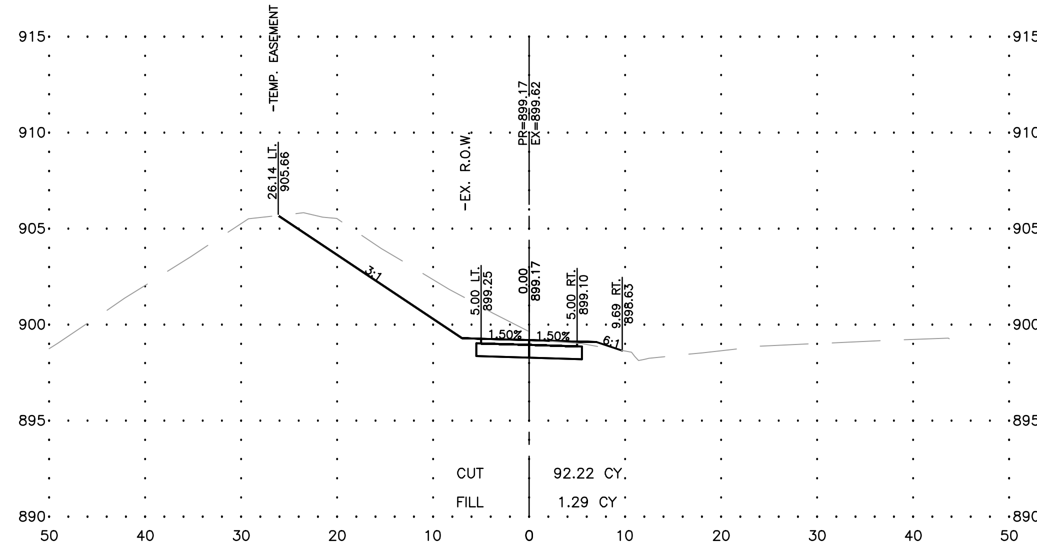
JOB NUMBER:
21-207B

SHEET NUMBER:



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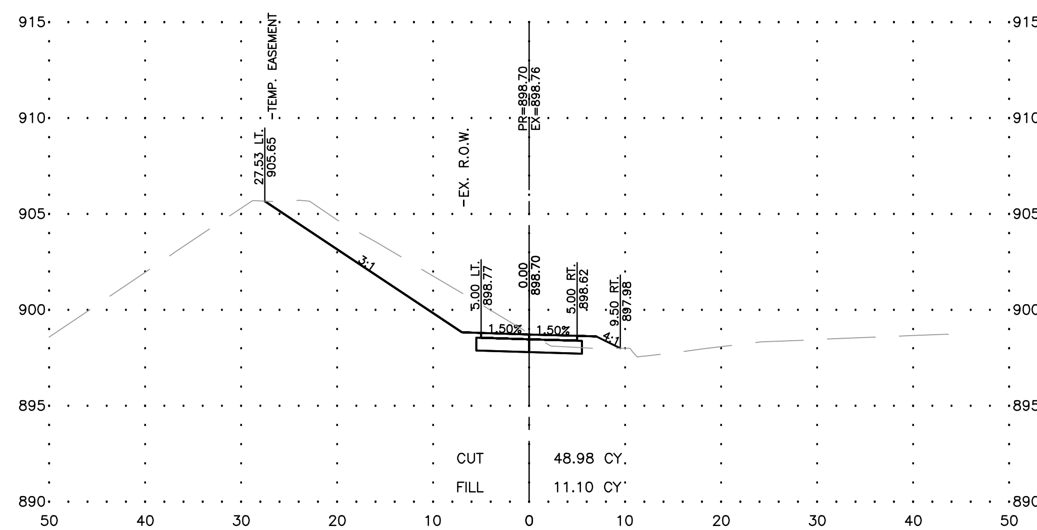

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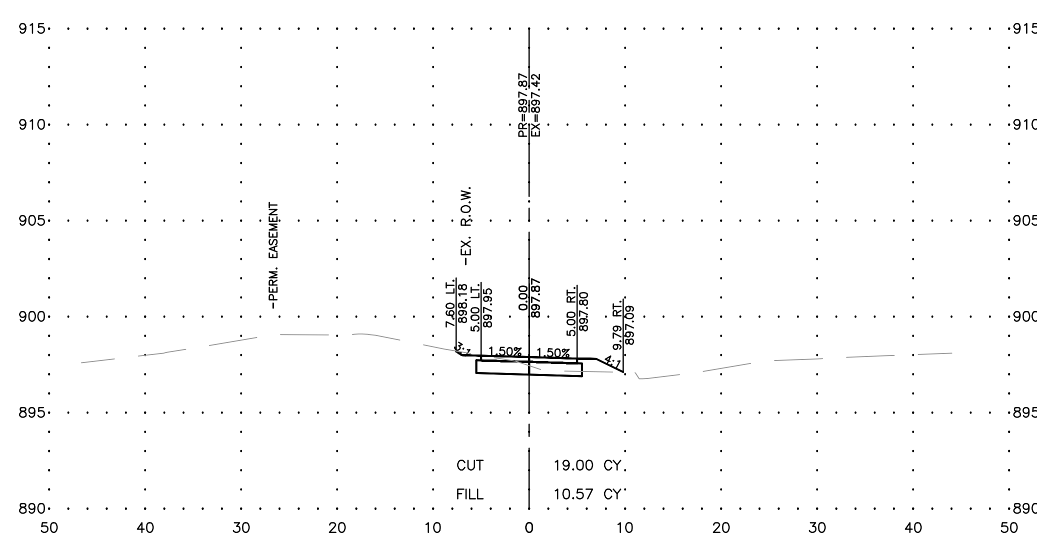

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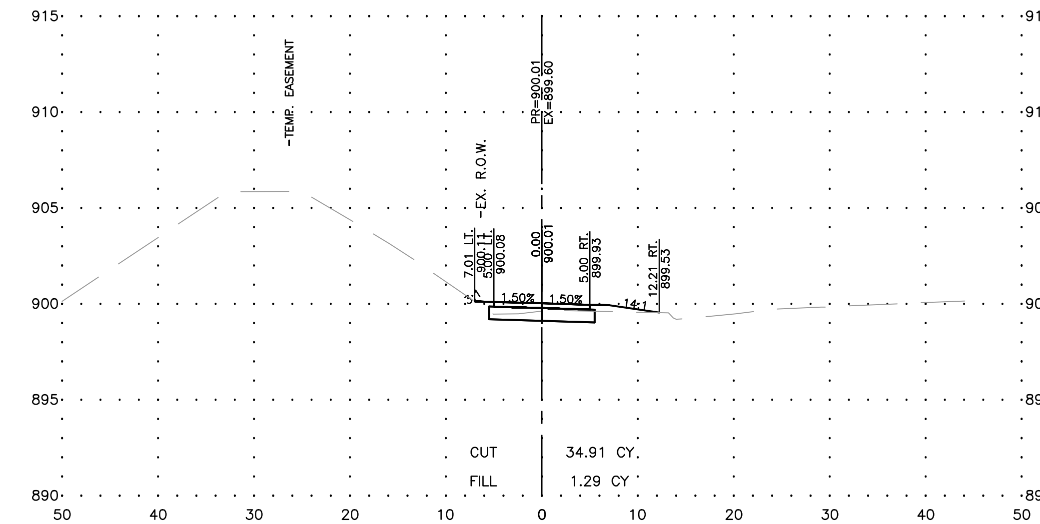

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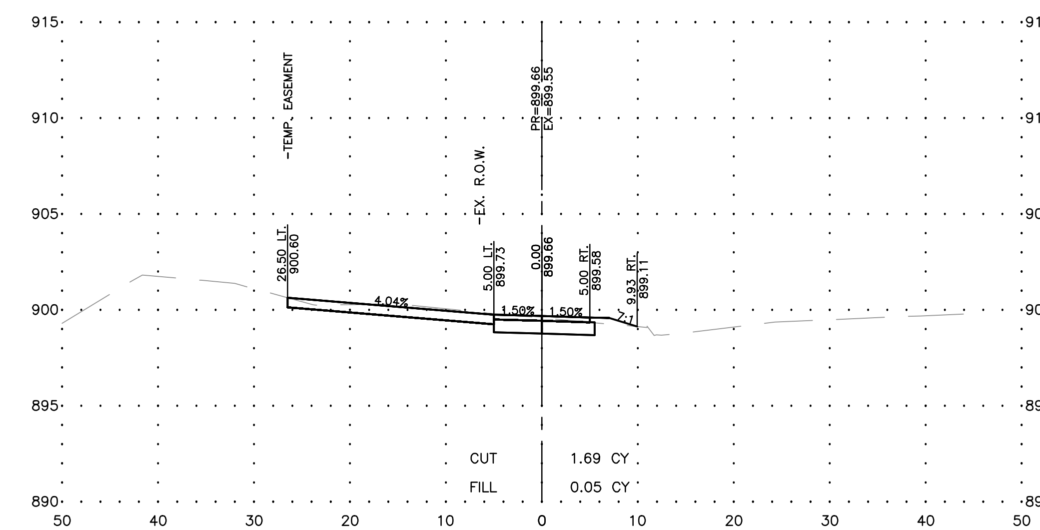

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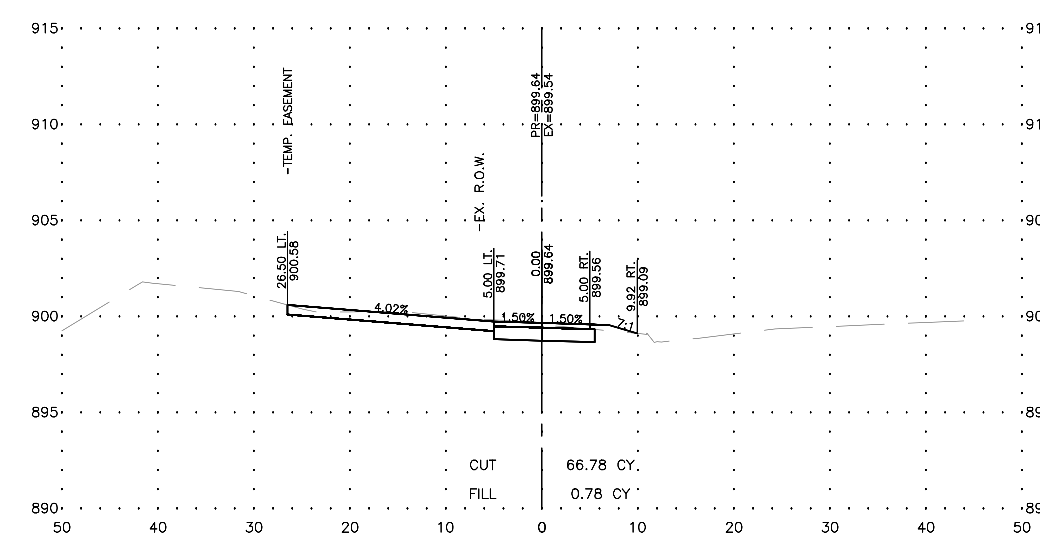

STA 132+50

SCALE
HOR 10 0 10 20
VER 5 0 5 10

FEHR GRAHAM
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ILLINOIS DESIGN FIRM NO. 184-003525

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164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

SET TYPE: BID SET
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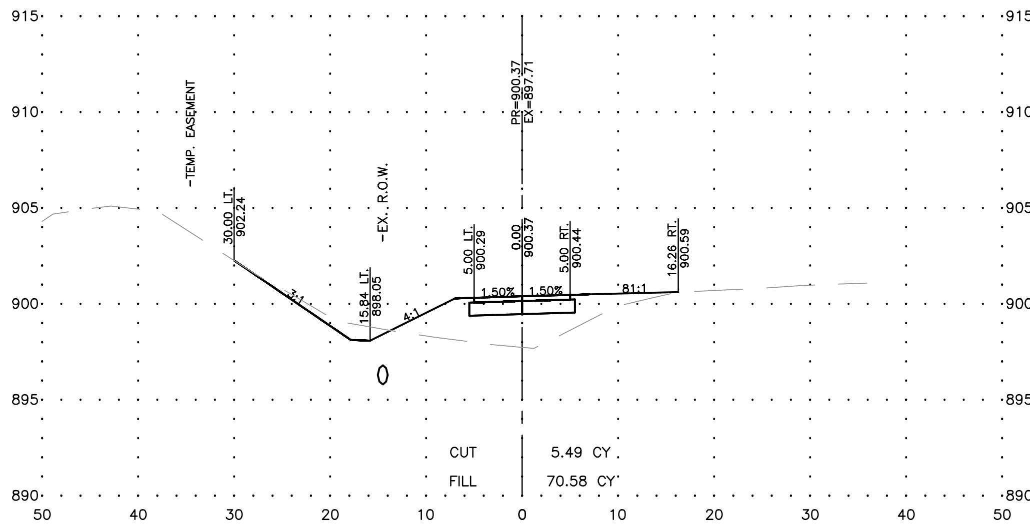
JOB NUMBER:
21-207B



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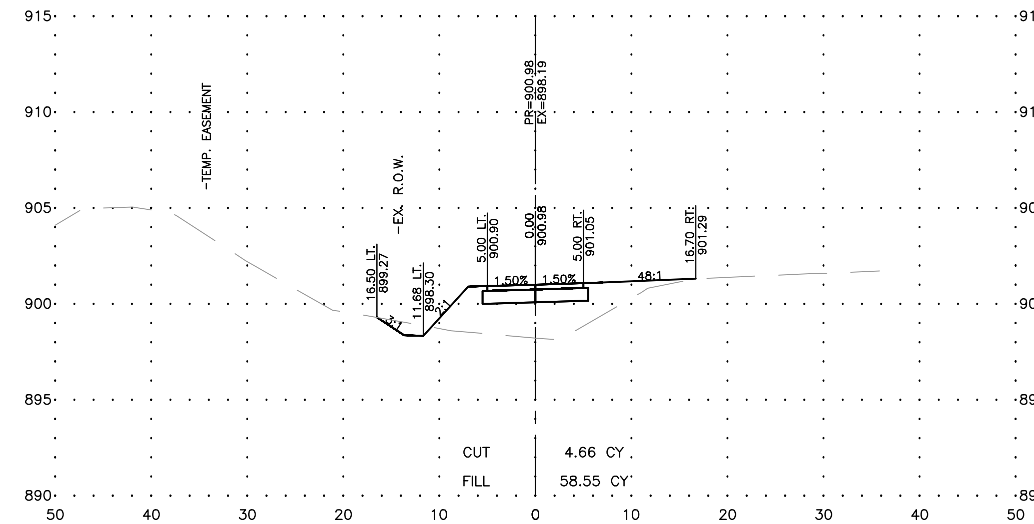

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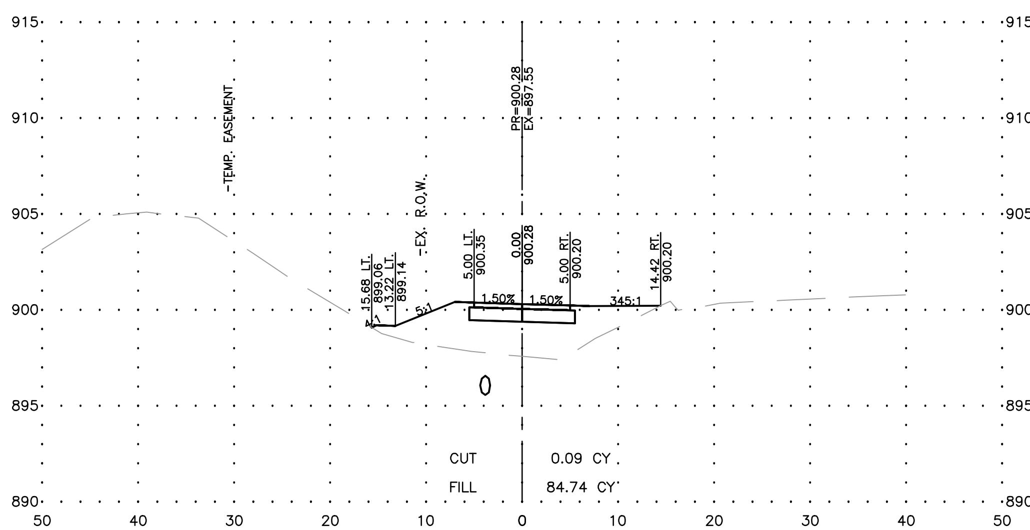

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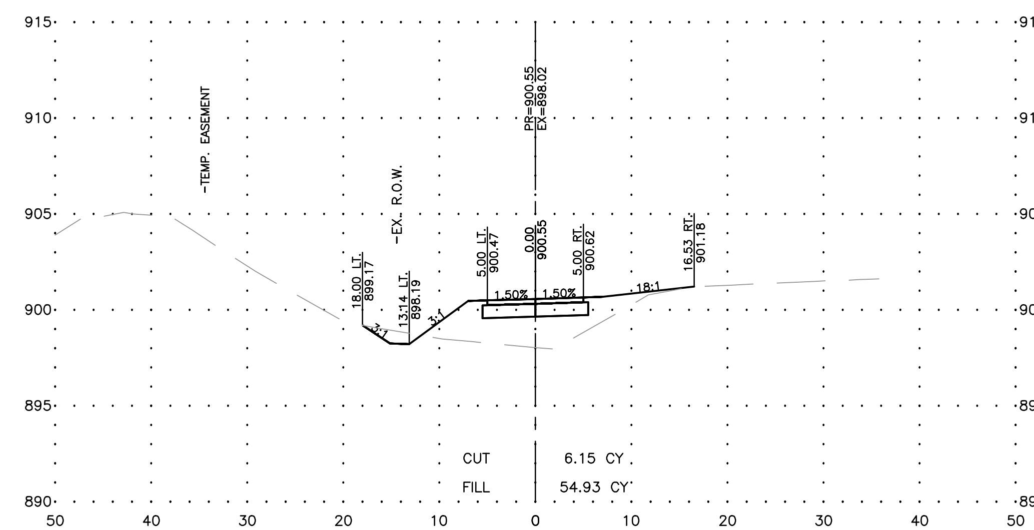

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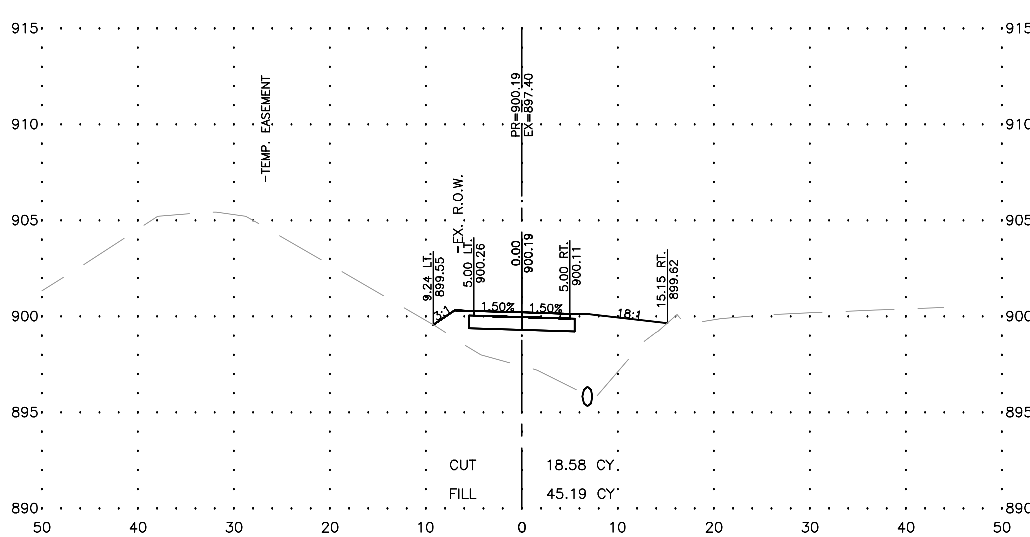

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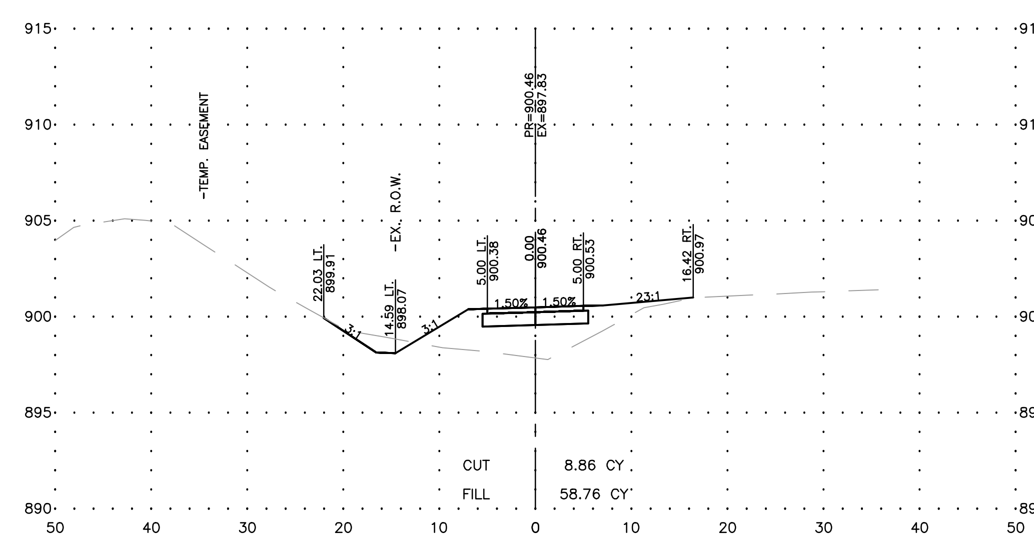

STA 135+00

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

ILLINOIS
IOWA
WISCONSIN

PLOT DATE: 5/8/24

OWNER/DEVELOPER:
CITY OF DEKALB
164 E. LINCOLN HIGHWAY
DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

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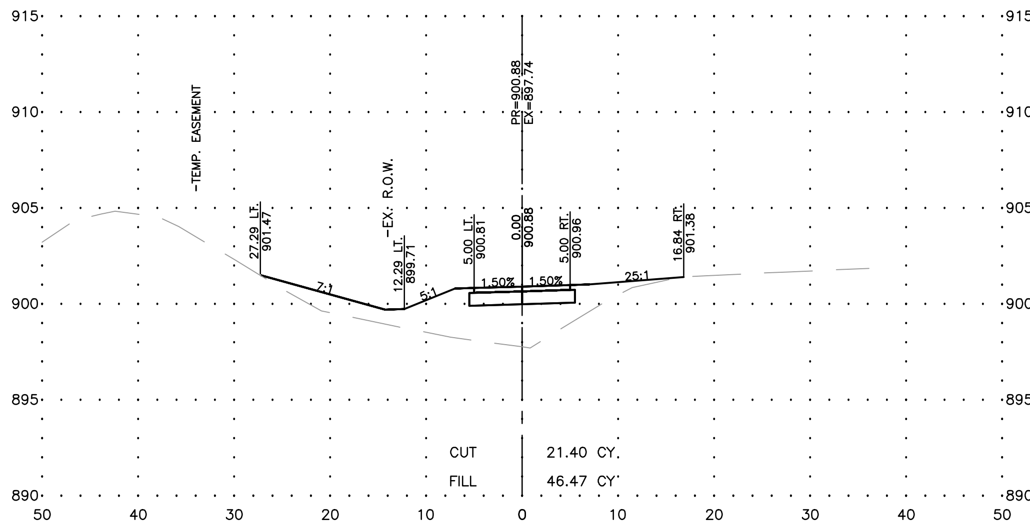
21-207B

SHEET NUMBER:



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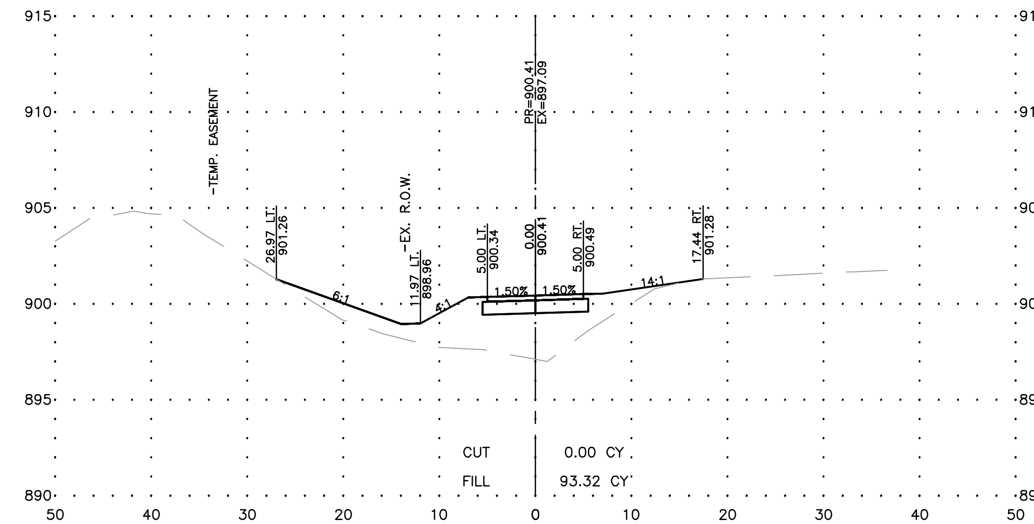

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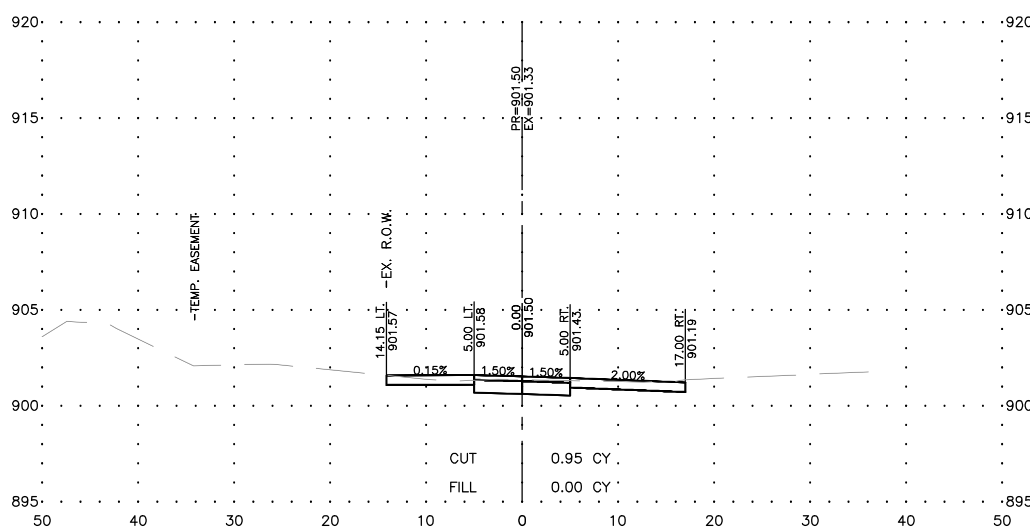

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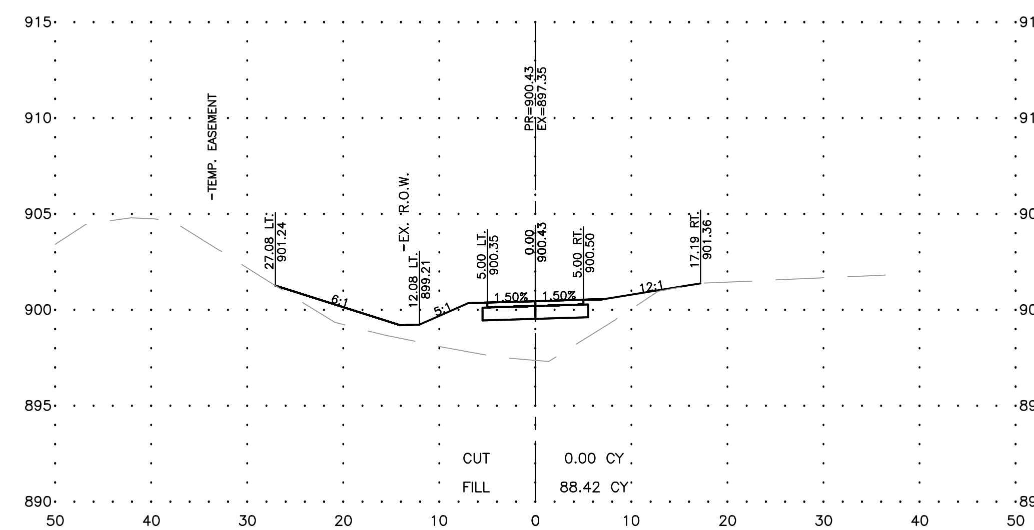

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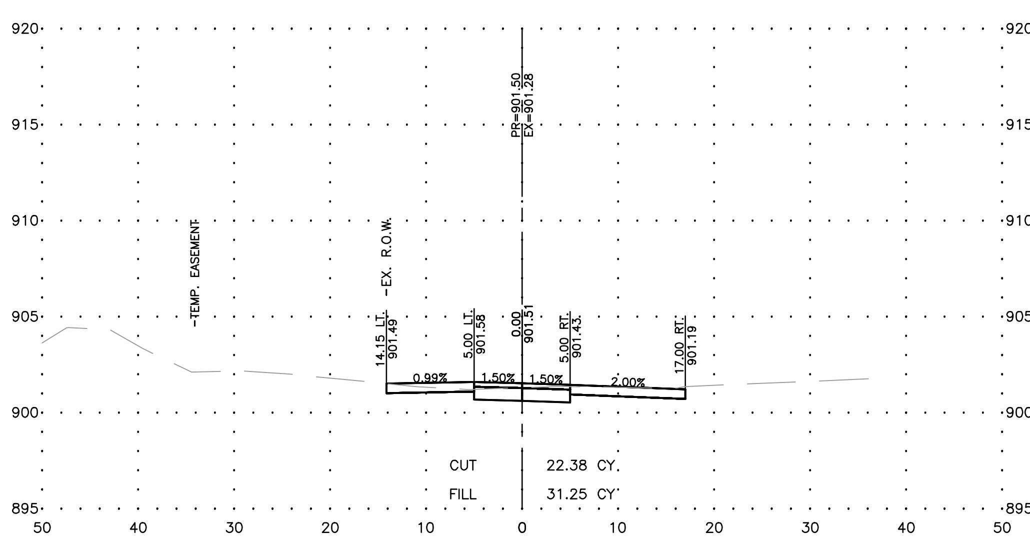

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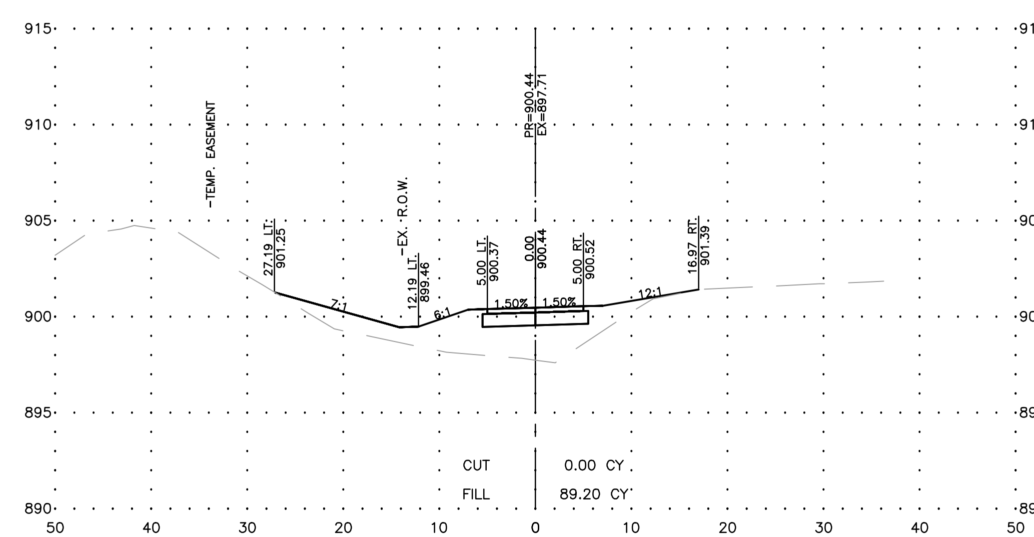

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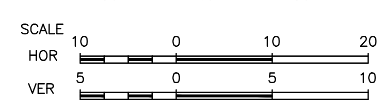

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
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DEKALB, IL 60115

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SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

SET TYPE: BID SET
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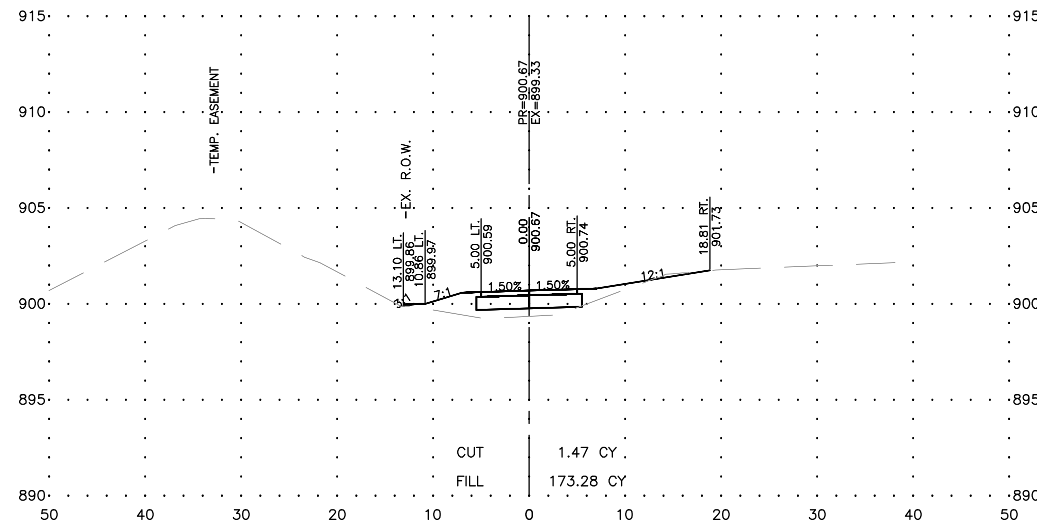
JOB NUMBER:
21-207B

SHEET NUMBER:
31 of 38



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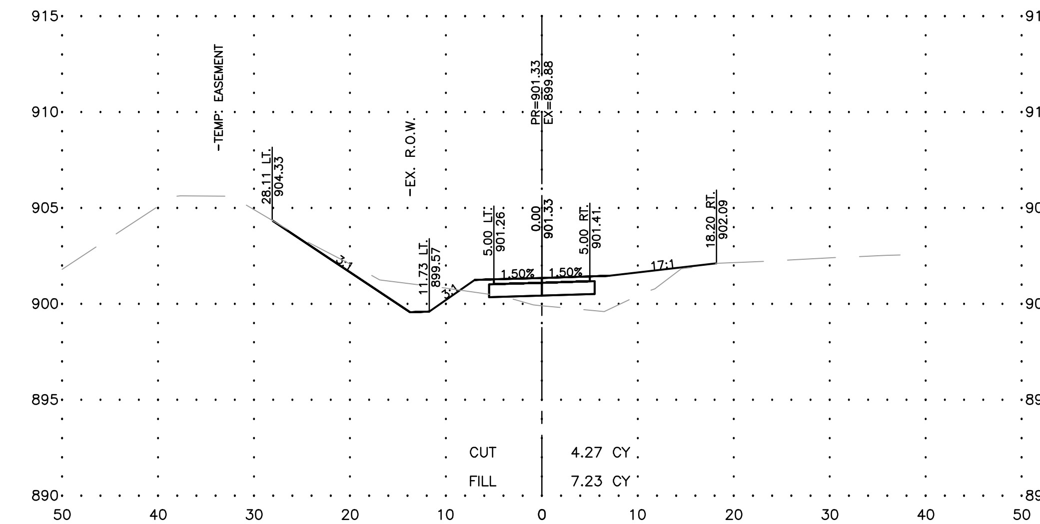

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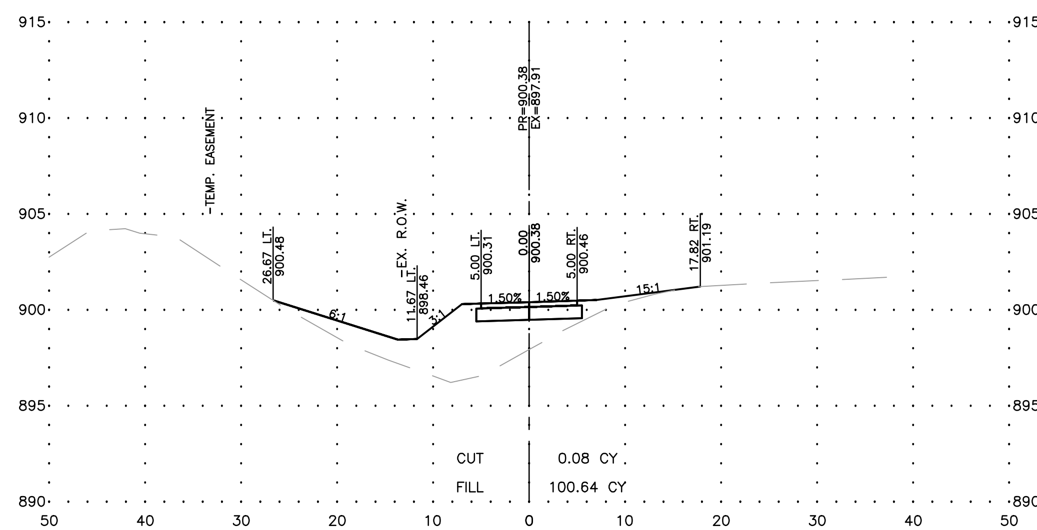

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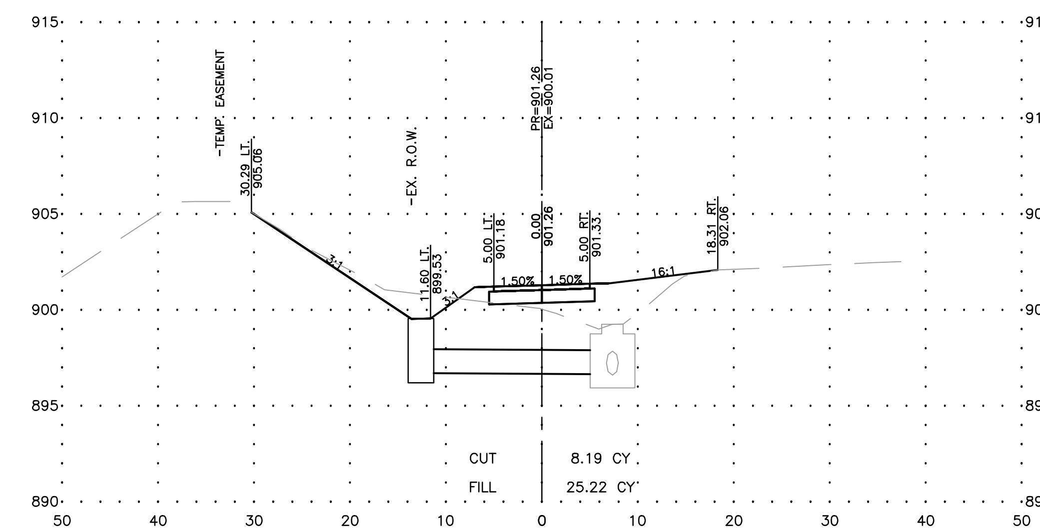

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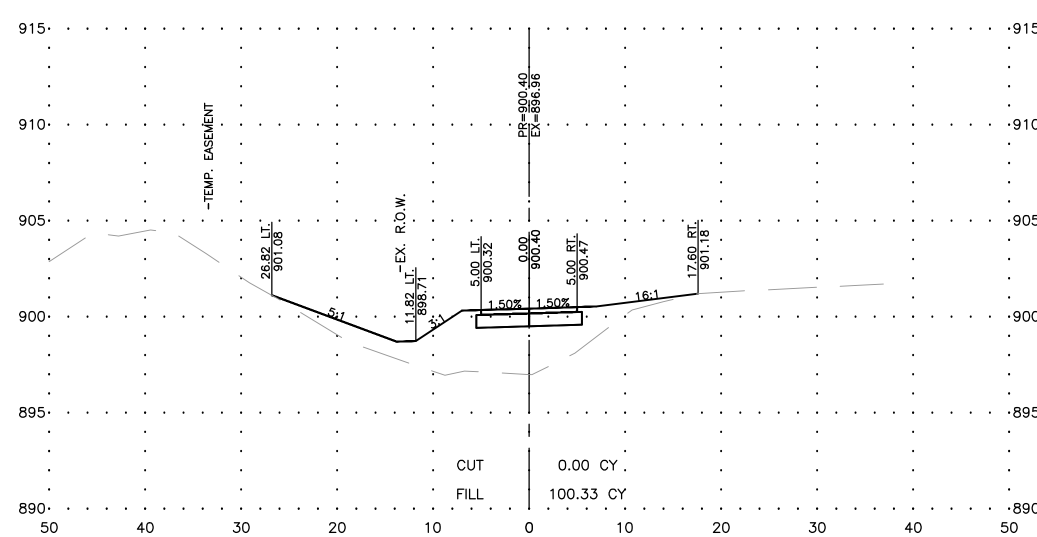

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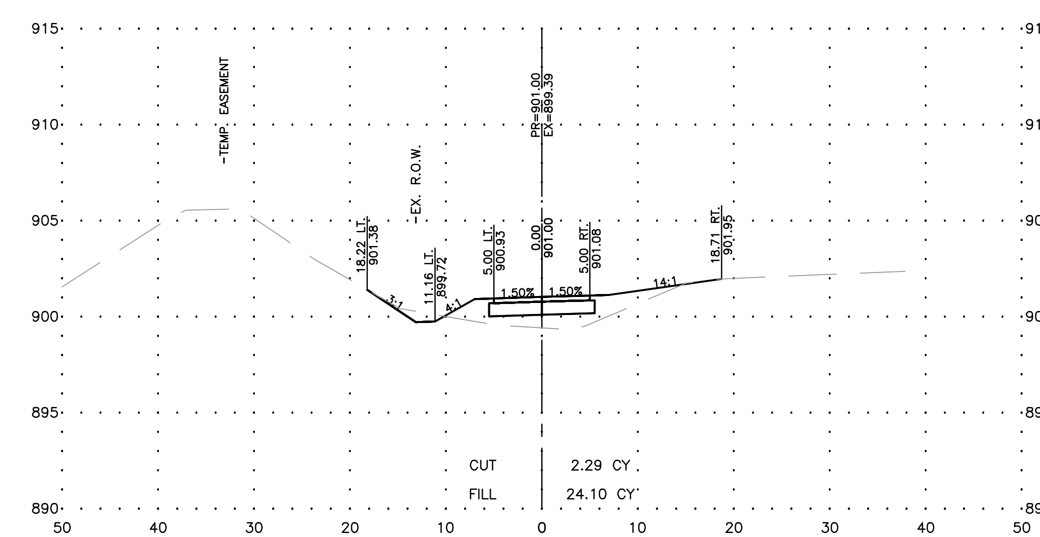

STA 141+50

SCALE
HOR 10 0 10 20
VER 5 0 5 10

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

ILLINOIS
IOWA
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SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

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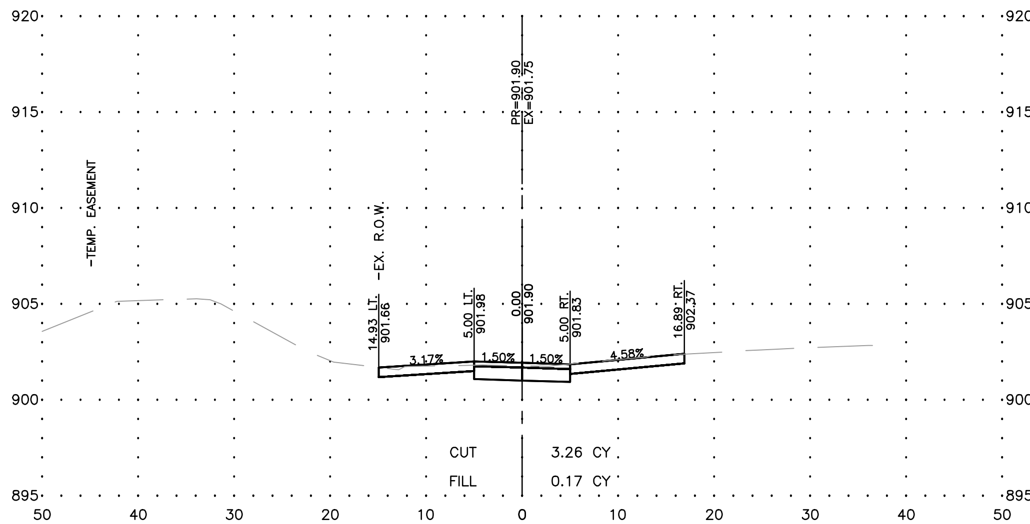

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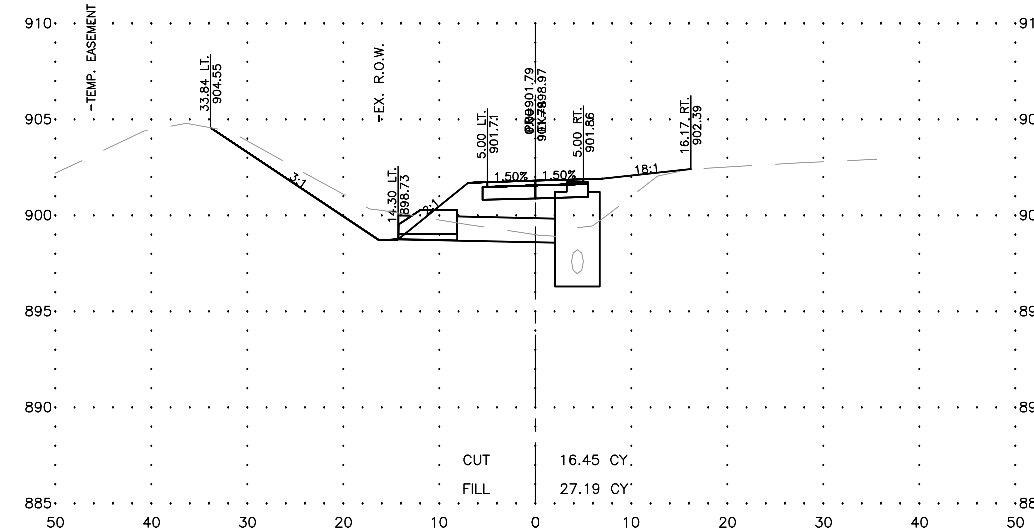

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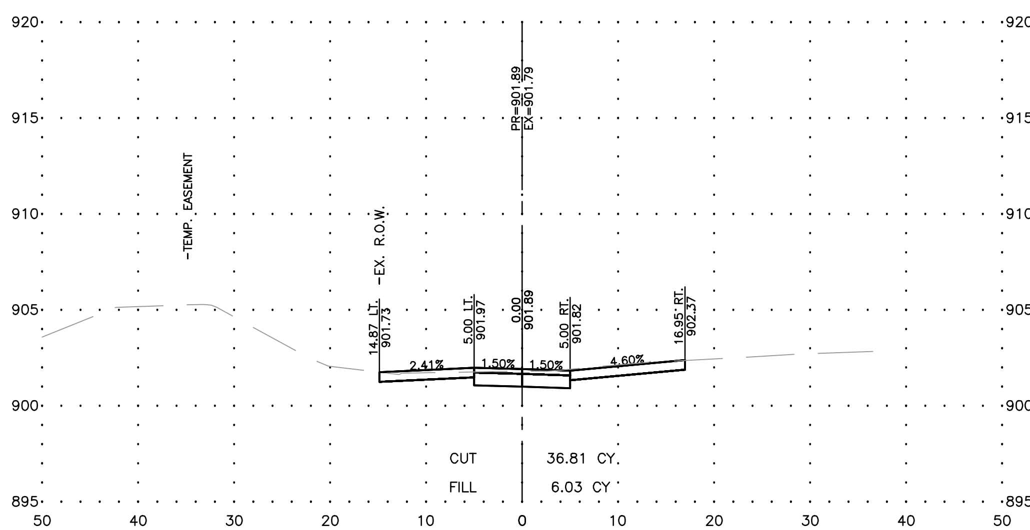

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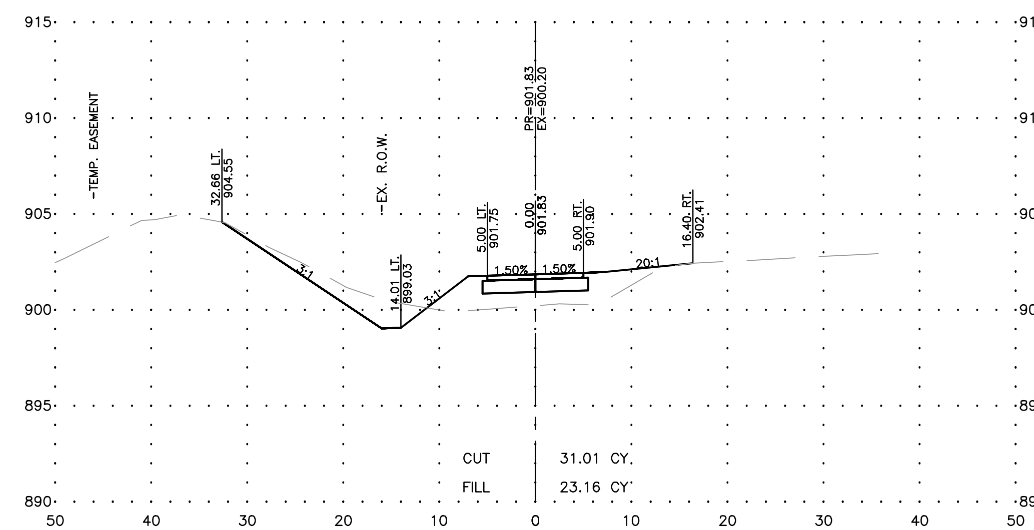

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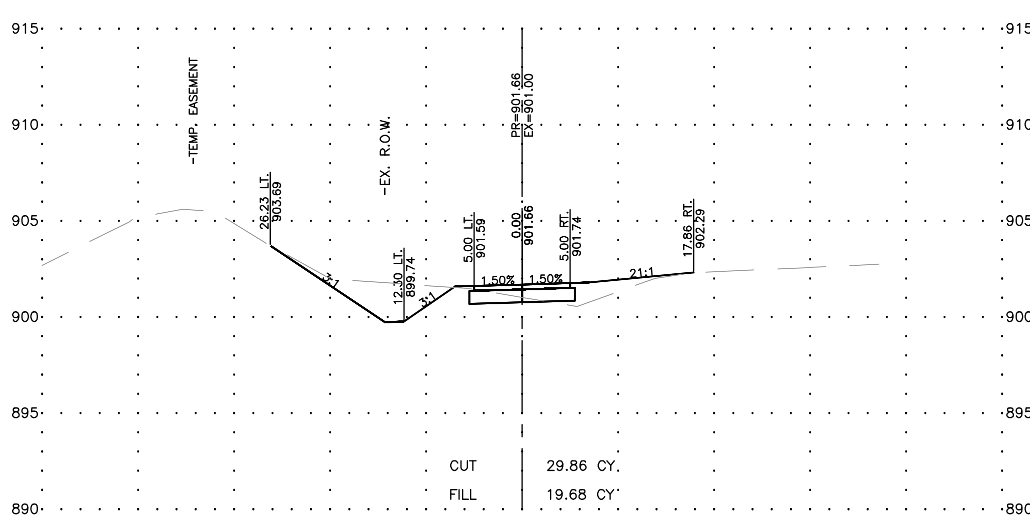

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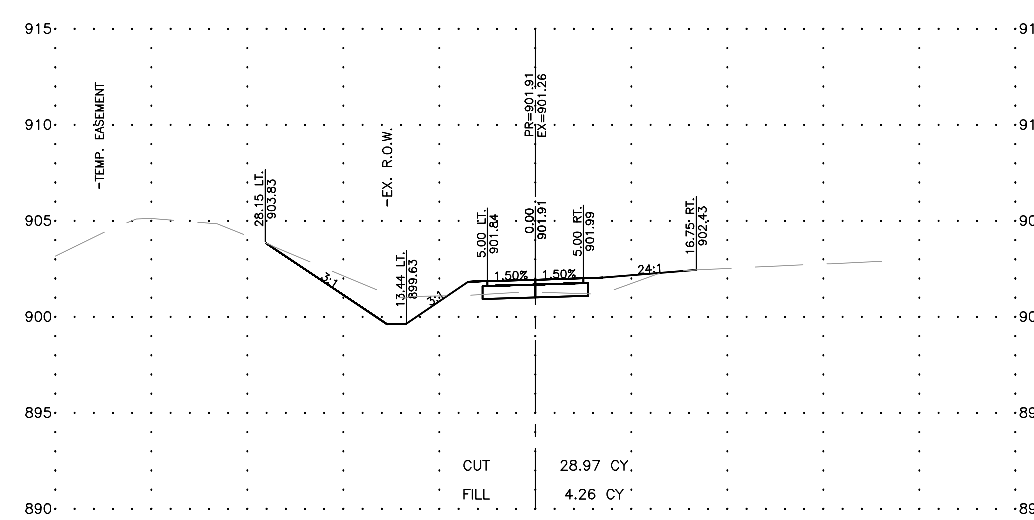

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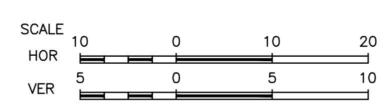

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

PLOT DATE: 5/8/24

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DEKALB, IL 60115

PROJECT AND LOCATION:
CONTRACT #87749
19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

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JOB NUMBER:
21-207B

SHEET NUMBER:
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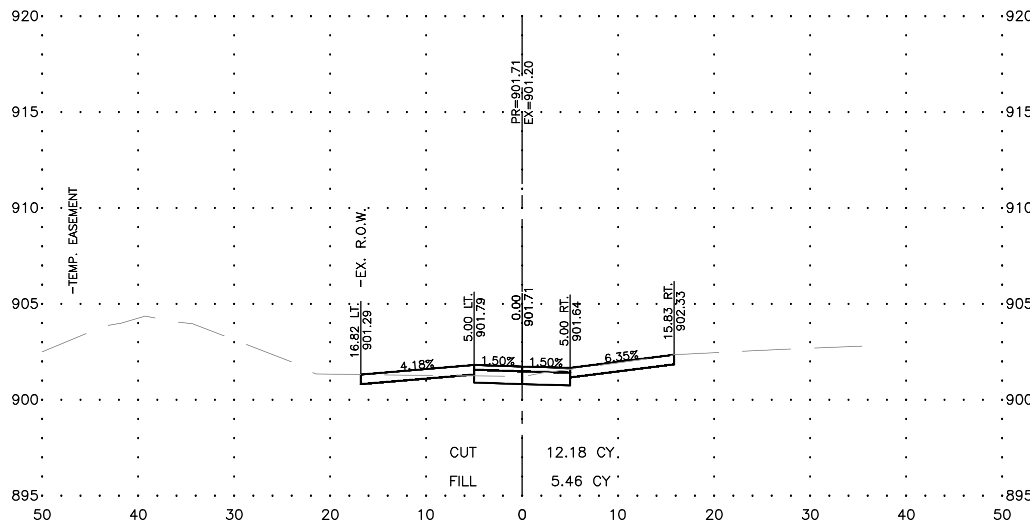

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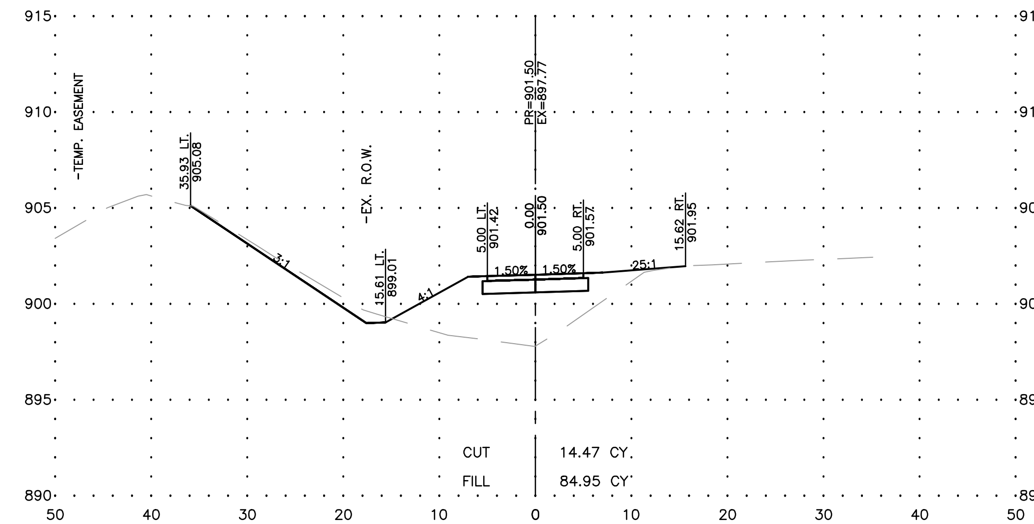

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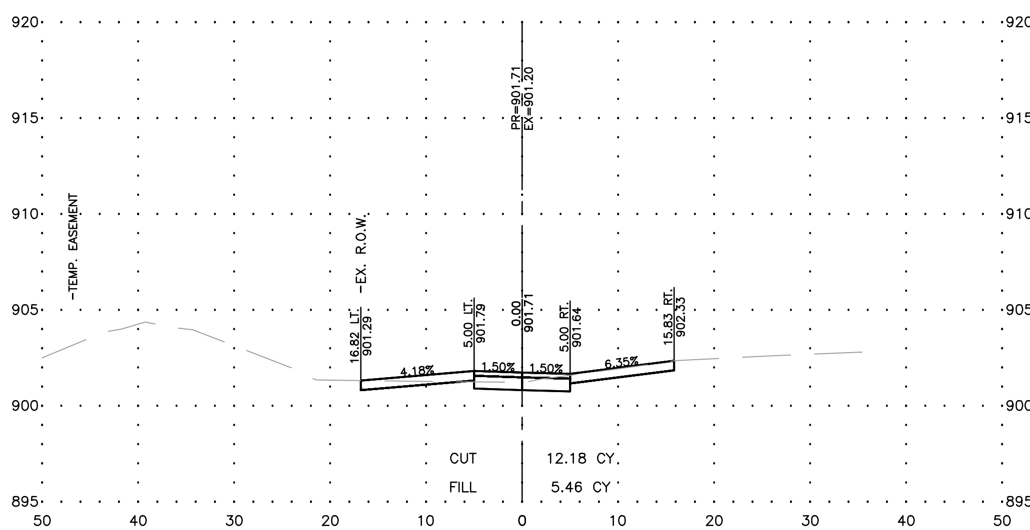

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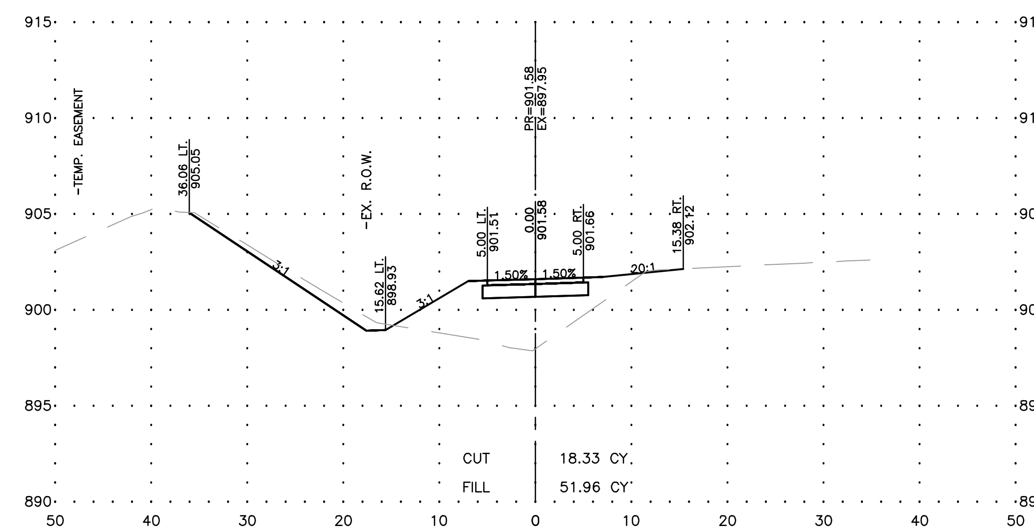

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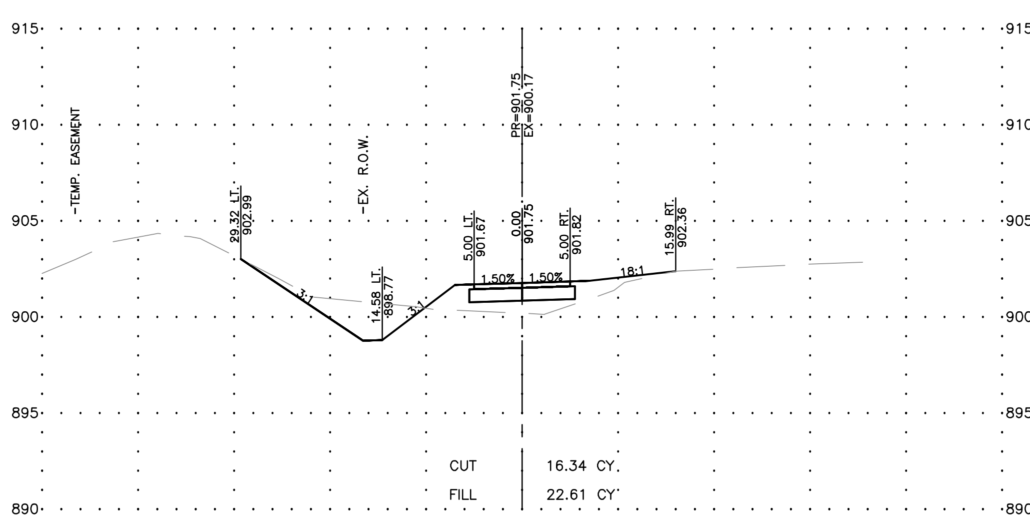

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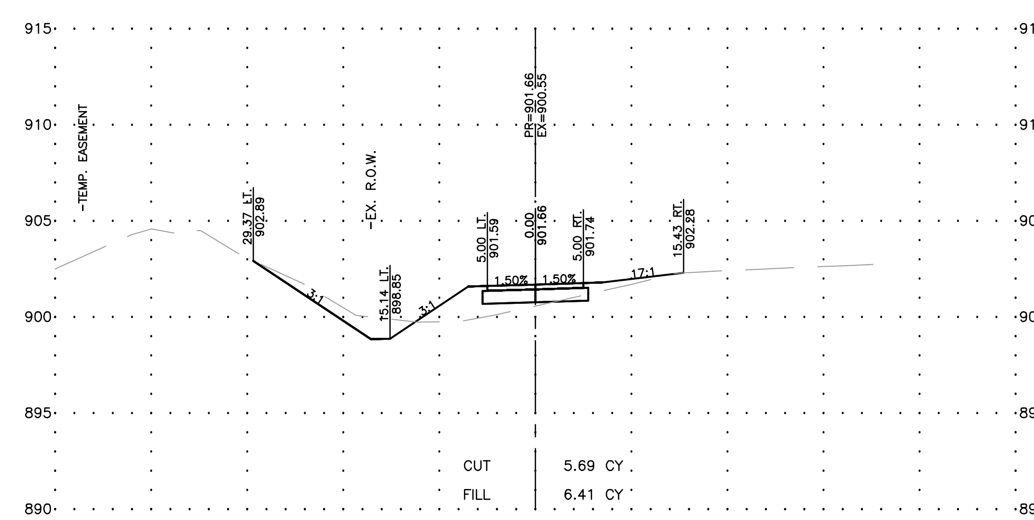

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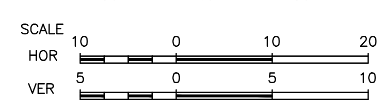

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
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ILLINOIS
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DEKALB, IL 60115

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19-00196-000-BT FAIRVIEW
SUP-SEGMENT B
DEKALB, ILLINOIS

DRAWN BY: JMV
APPROVED BY: JTS
DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS

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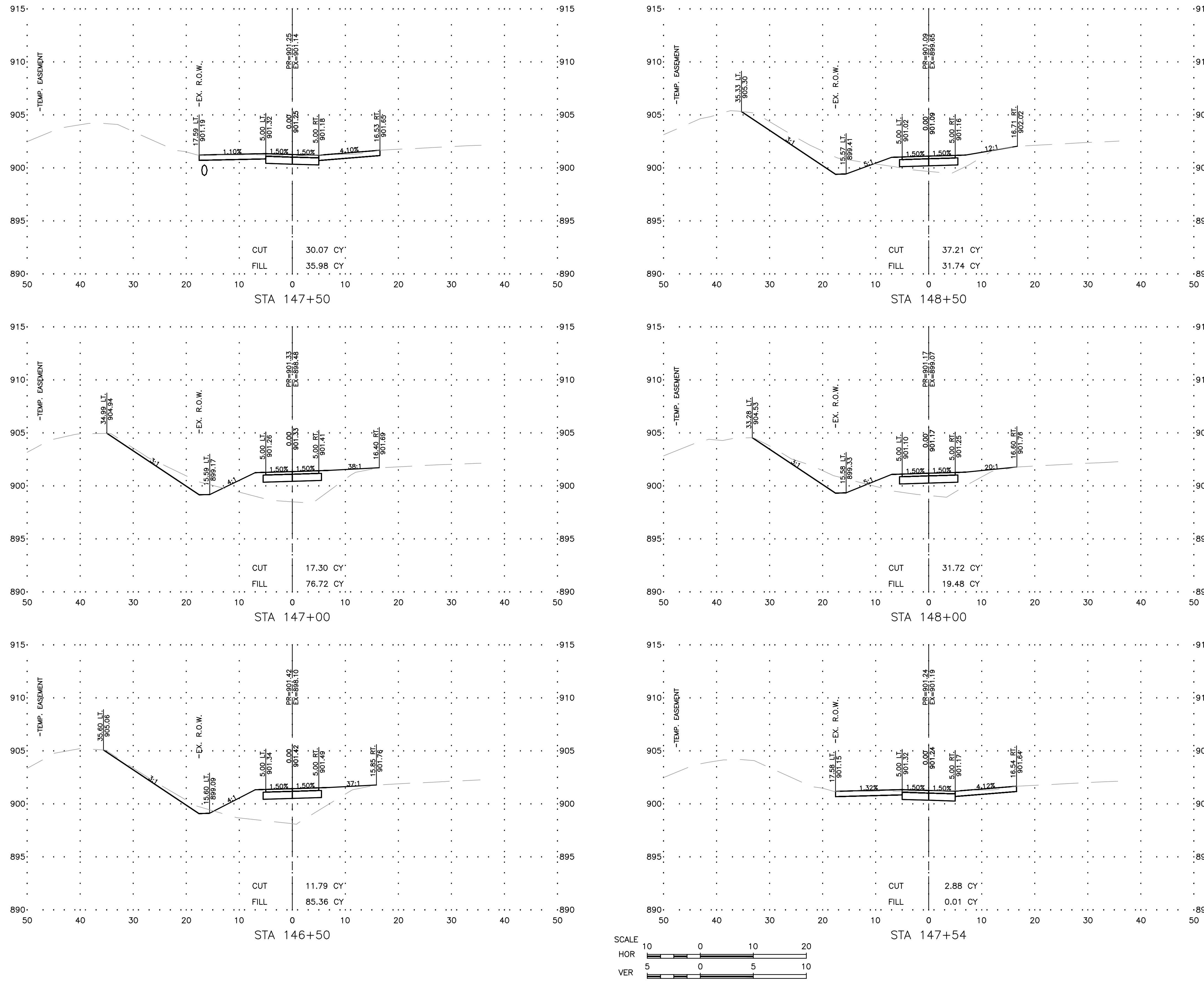

FEHR GRAHAM
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ILLINOIS
IOWA
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DATE: 02/09/2022
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

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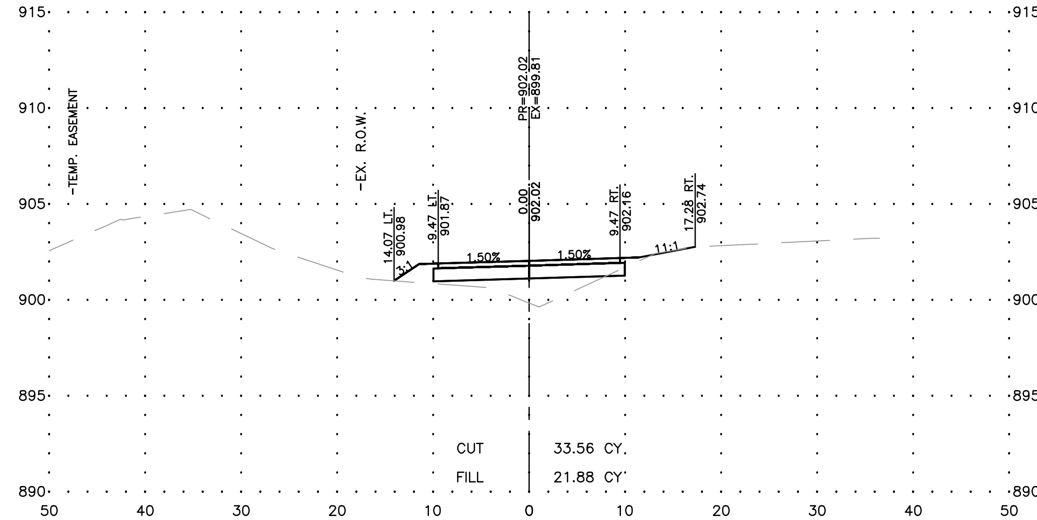

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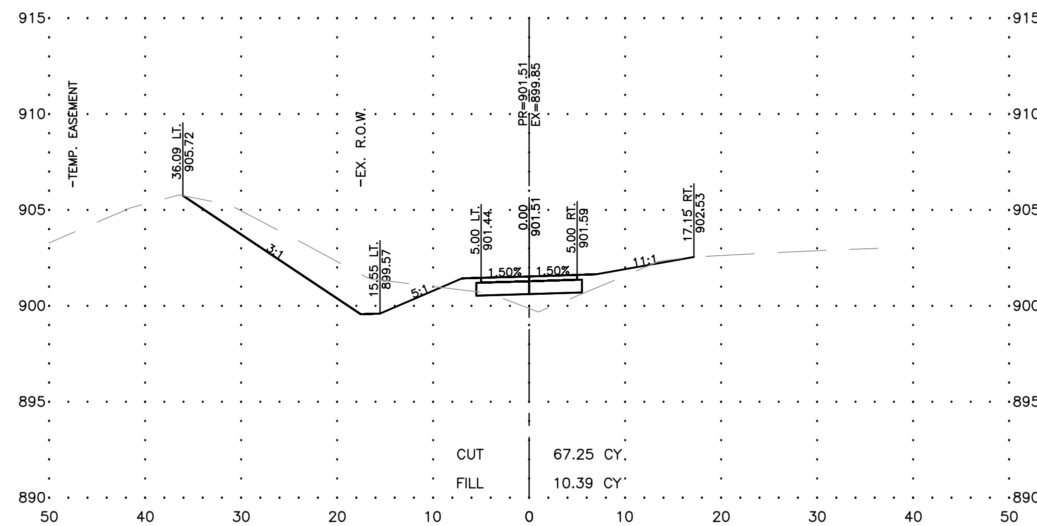

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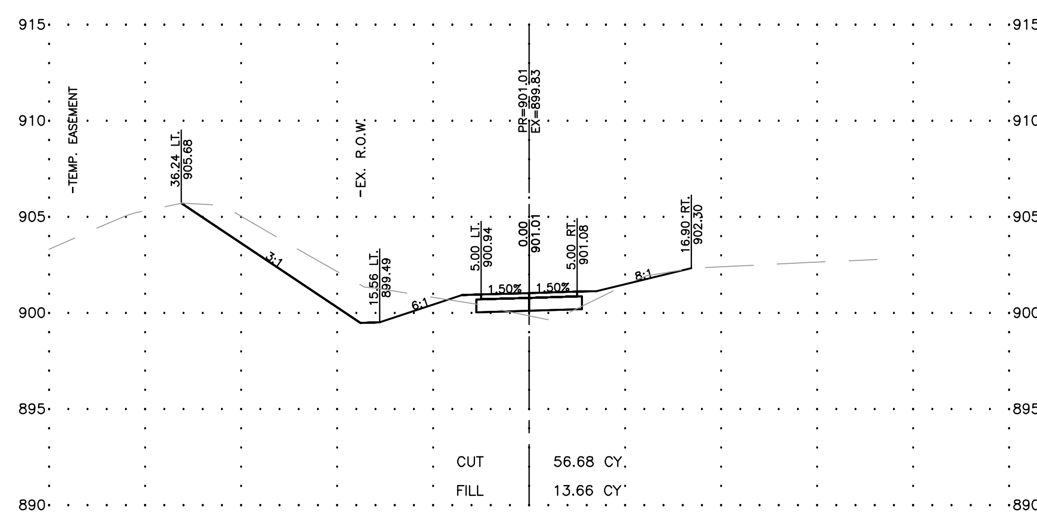

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SCALE
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VER 5 0 5 10

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

ILLINOIS
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DEKALB, ILLINOIS

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REVISIONS

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CROSS SECTIONS

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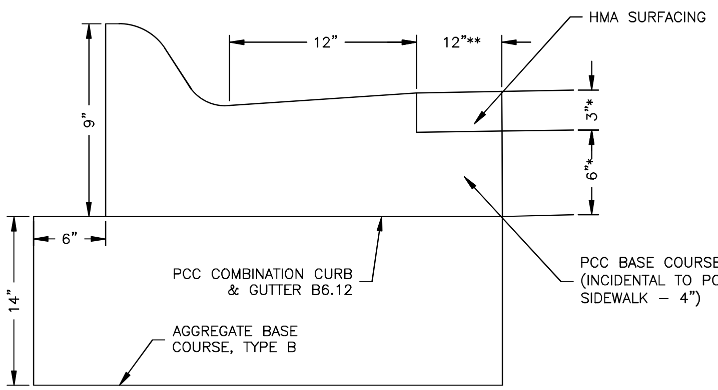
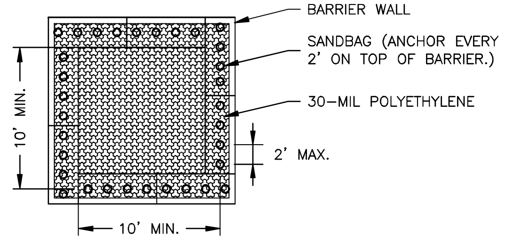


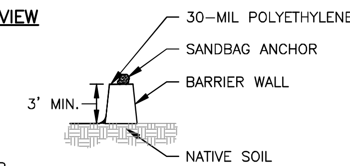
NOTE:
* 9" IS THE MINIMUM REQUIRED WHEN PCC BASE COURSE IN PLACE PER STD. 606001

** 12" MINIMUM, MAY VARY PER PLANS. TIE BARS TO BE INSTALLED PER IDOT STD. 606001

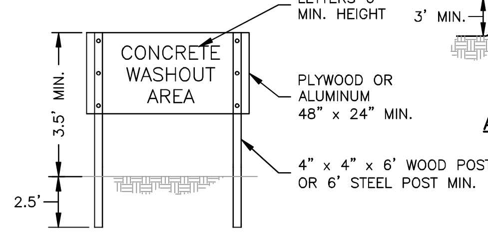
PCC COMBINATION
CURB & GUTTER DETAIL TYPE B6.12 (HMA PAVEMENT)
N.T.S.



PLAN VIEW



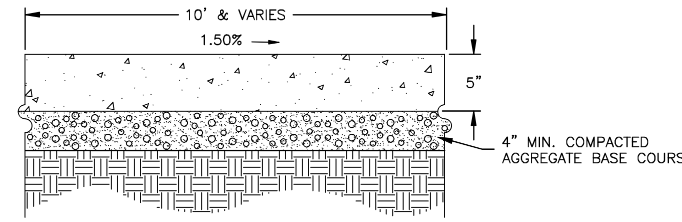
BARRIER WALL
ANCHOR SECTION



SIGN DETAIL

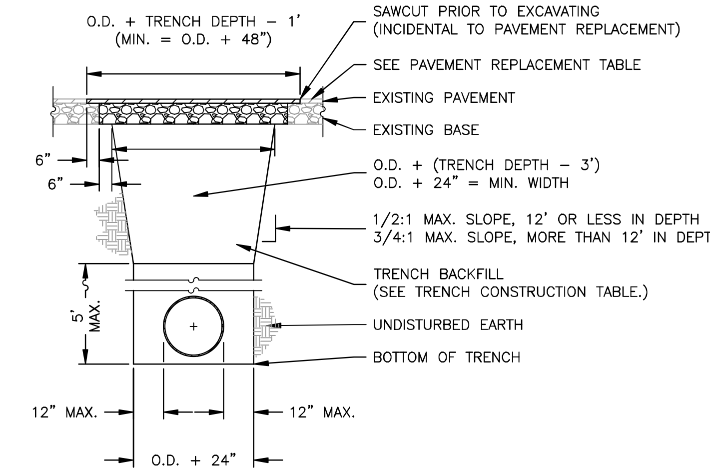
NOTE: MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

CONCRETE WASH OUT PIT DETAIL
N.T.S.



NOTE: CONTROL JOINTS SHALL BE PLACED EVERY 5'.

CONCRETE SIDEWALK SECTION
N.T.S.

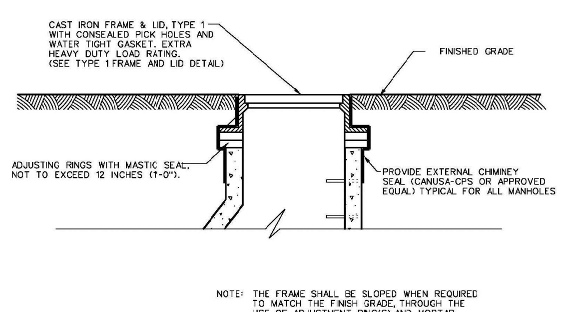


NOTE: EXCAVATION SHALL BE PER OSHA STANDARDS PUBLICATION 2226.

MAX. PAVEMENT WIDTH FOR PAY PURPOSES IS CALCULATED BASED ON MINIMUM OSHA STANDARD.

IF SOIL CONDITIONS AND TRENCH DEPTH REQUIRE TRENCH WIDTH BEYOND LIMITS SHOWN IN THIS DETAIL, QUANTITIES FOR TRENCH BACKFILL AND PAVEMENT REPLACEMENT MAY BE INCREASED WITH THE APPROVAL OF THE ENGINEER.

TRENCH CONSTRUCTION AND PAVEMENT REPLACEMENT DETAIL
N.T.S.

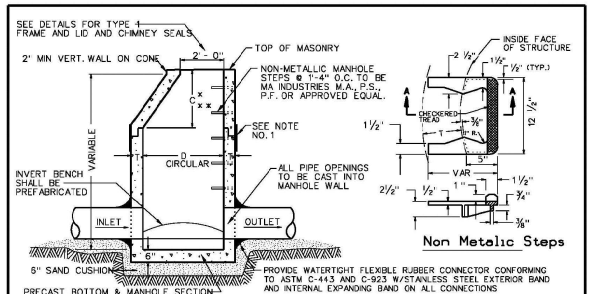


NOTE: THE FRAME SHALL BE SLOPED WHEN REQUIRED TO MATCH THE FINISH GRADE, THROUGH THE USE OF ADJUSTMENT RING(S) AND MORTAR.

Kishwaukee Water Reclamation District
1301 Sycamore Rd • DeKalb, Illinois 60115
815.758.3513
DETAIL No. 16

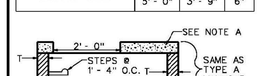
Flexible Watertight Frame Chimney Seal Detail

DATE: 11/04/21 REV.:



PROVIDE WATERTIGHT FLEXIBLE RUBBER CONNECTOR CONFORMING TO ASTM C-443 AND C-923 W/STAINLESS STEEL EXTERIOR BAND AND INTERNAL EXPANDING BAND ON ALL CONNECTIONS

MATERIALS FOR WALLS	D	C	T MIN.
PRECAST REINFORCED CONCRETE SECTIONS	4' - 0" 5' - 0"	2' - 6" 3' - 9"	4" 5"
CAST-IN-PLACE	4' - 0" 5' - 0"	2' - 6" 3' - 9"	6" 6"



NOTE A: REINFORCED CONCRETE TOP DESIGNED FOR ANTICIPATED LOADINGS (SEE PLANS FOR SPECIAL PROVISIONS).
1. 6" THICKNESS 3' & 4' DIA.
2. 8" THICKNESS 5' DIA.

DETAIL OF MANHOLE TOP TO BE USED WHERE RESTRICTED HEAD ROOM WILL NOT PERMIT CONE SECTION

Manhole Type C

* DIMENSION " C " FOR PRECAST REINFORCED CONCRETE SECTIONS MAY VARY FROM THE DIMENSION GIVEN TO PLUS 6 INCHES.

** FOR AN OPTIONAL PRECAST CONCRETE FLAT SALB TOP - SEE I.D.O.T. STD. 602601.

NOTES:

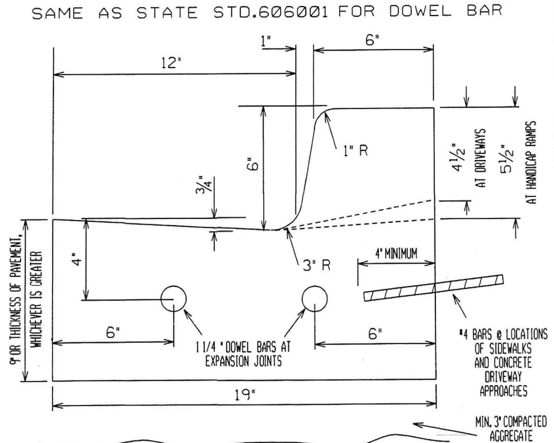
1. PROVIDE MANHOLE ENCAPSULATION SYSTEM (WATERPROOF MEMBRANE) ON ALL MANHOLE JOINTS. TYPICAL ALL MANHOLES (MAC WRAP OR APPROVED EQUAL)
2. ALL SECTIONS SHALL BE CONNECTED WITH TOUNGE AND GROOVE JOINTS W/BUTYL ROPE. DOUBLE MASTIC ALL MANHOLE JOINTS.
3. ALL MANHOLE SECTIONS SHALL BE SEALED WITH BUTYL ROPE JOINT MATERIAL. CASTINGS AND ADJUSTMENT RINGS SHALL BE SEALED USING TROWELABLE MASTIC TO MINIMIZE SETTLING.
   ENTIRE EXTERIOR OF MANHOLE TO BE FACTORY COATED WITH 2 COATS BITUMASTIC COATING, CONSEAL CS55 OR APPROVED EQUAL.
4. STEPS SHALL BE EMBEDDED INTO WALL A MINIMUM OF 3 INCHES. STEPS SHALL NOT BE EXTENDED ON THE OUTSIDE OF THE STRUCTURE. ALL STEPS SHALL BE PLOYPROPYLENE COATED STEEL REINFORCED RODS.
5. MANHOLE FRAME AND LID SHALL BE NEENAH R-1015-2000 OR EAST JORDAN IRON WORKS 1050 SD WITH SELF SEALING LID AND CONCEALED PICKHOLES. ALL LIDS SHALL HAVE THE WORD "SANITARY" CAST INTO IT.
6. IN ADDITION TO THE REQUIREMENTS OF ART. 612.13 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR MANHOLES, TYPE A SHALL INCLUDE THE COMPACTED GRAVEL OR CRUSHED STONE WHEN REQUIRED, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL. ALL MANHOLE CONST. SHALL CONFORM TO ASTM C478 LATEST REVISION & CONCENTRIC CONES WILL NOT BE ALLOWED.
7. FOR NEW CONNECTIONS TO EXISTING MANHOLES, CORE DRILL OPENING & INSTALL WATERTIGHT PIPE TO MANHOLE SEAL WITH LINK SEAL OR APPROVED EQUAL.
8. ADJUSTING RINGS MAY NOT EXCEED 12 INCHES (1.0 FT)

Kishwaukee Water Reclamation District
1301 Sycamore Rd • DeKalb, Illinois 60115
815.758.3513
DETAIL No. 19

Sanitary Manhole Type A

DATE: 11/04/21 REV.:

SAME AS STATE STD.606001 FOR DOWEL BAR



NOTES:
1) 1" BITUMINOUS PREFORMED EXPANSION INORGANIC FIBRE JOINT FILLER, CONFORMING TO AASHTO STANDARD M 213, CUT TO THE SHAPE OF THE COMBINATION CURB AND GUTTER SHALL BE PLACED AT 100' INTERVALS, AT ALL P.C. AND P.T. POINTS AND AT 5' BOTH SIDES OF ANY STRUCTURE IN THE CURB LINE. SAWED CONTRACTION JOINTS, 2" DEEP ARE TO BE PLACED AT 25' INTERVALS BETWEEN EXPANSION JOINTS. ALL EXPANSION AND CONTRACTION JOINTS ARE TO BE FILLED WITH JOINT SEALER CONFORMING TO SECTION 1050.01 OF THE STANDARD SPECIFICATIONS.

2) TWO 1-1/4" EPOXY COATED DOWELBARS, 18" LONG WITH A PINCHED STOP THAT WILL PROVIDE 1" EXPANSION, SHALL BE PLACED THROUGH EACH EXPANSION JOINT.

3) AT LOCATIONS OF CURB AND GUTTER PATCHING, BOTH FRONT AND BACK FORMS ARE TO BE USED, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.

4) TEMPORARY HOT MIX ASPHALT PATCHING SHALL BE PLACED IN FRONT OF AND AGGREGATE BEHIND ALL CURB AND GUTTER AT DRIVEWAYS, SIDEWALKS AND LOCATIONS WITH HIGH PEDESTRIAN TRAFFIC SPECIFIED BY THE ENGINEER

5) 2 LENGTHS OF CONTINUOUS #4 REBARS SHALL BE PLACED THROUGH ALLEY AND COMMERCIAL DRIVE ENTRANCES OR AS DIRECTED BY THE ENGINEER.

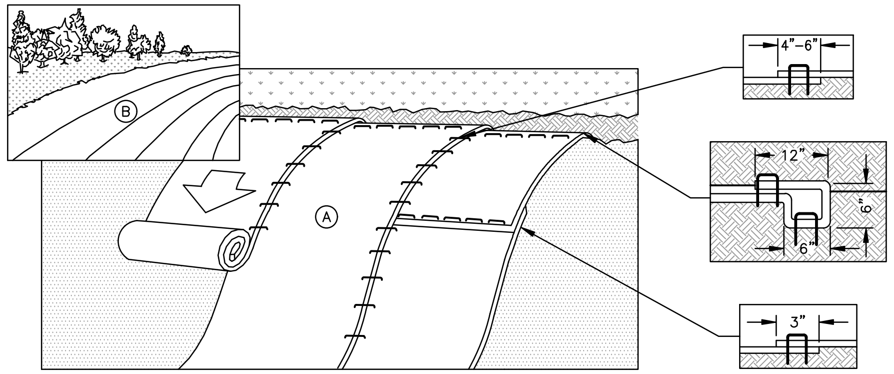
STANDARD DETAIL FOR P.C.C. COMBINATION CONCRETE CURB AND GUTTER, B-6.12	REVISIONS RBR 7/11/08	CITY OF DEKALB STREET STANDARD ST-100

PAVEMENT REPLACEMENT TABLE

PAVING TYPE	DESCRIPTION OF MATERIAL & PAVEMENT	THICKNESS
HOT-MIX ASPHALT PAVEMENT REPLACEMENT	AGGREGATE BASE COURSE, TYPE B, COMPACTED TO 95% DENSITY	10"
	HOT-MIX ASPHALT BINDER, N50 – 1 ½" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 – 1 ½"	3" MIN.
GRAVEL PAVEMENT REPLACEMENT	AGGREGATE BASE COURSE, TYPE B, COMPACTED TO 95% DENSITY	10"
CONCRETE	AGGREGATE BASE COURSE, TYPE B, COMPACTED TO 95% DENSITY	6"
	PORTLAND CEMENT CONCRETE BASE COURSE – 9"	9"
SEAL COAT	AGGREGATE BASE COURSE, TYPE B, COMPACTED TO 95% DENSITY	10"
	PAVEMENT REMOVAL AND REPLACE: 2 COATS SEAL COAT AGGREGATE 2 COATS SEAL COAT MATERIAL 1 COAT PRIME COAT	25 LB/S.Y. 0.4 GAL/S.Y. 0.4 GAL/S.Y.

TRENCH CONSTRUCTION TABLE

SURFACE TYPE	TRENCH BACKFILL TYPE
NO PAVEMENT	JOB EXCAVATED MATERIAL, WATER JETTED OR MECHANICALLY COMPACTED IN 12" LIFTS, NO LARGE ROCKS OR ANY ORGANIC DEBRIS
PAVEMENT (INCLUDING GRAVEL)	APPROVED TRENCH BACKFILL COMPACTED IN 12" LIFTS TO 95% OPTIMUM DENSITY INCIDENTAL TO PIPE



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 MANUFACTURES 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 SPLICED 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.

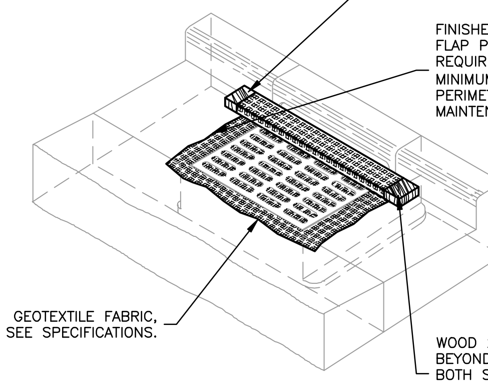
PLACE STAPLES/STAKES PER MANUFACTURE RECOMMENDATION FOR THE APPROPRIATE SLOPE BEING APPLIED.

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.

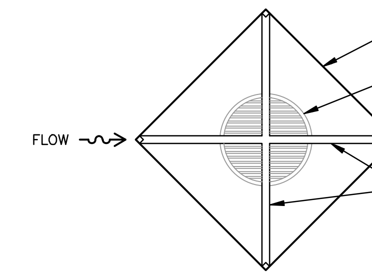


NOTE: TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE COUNTERACT SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

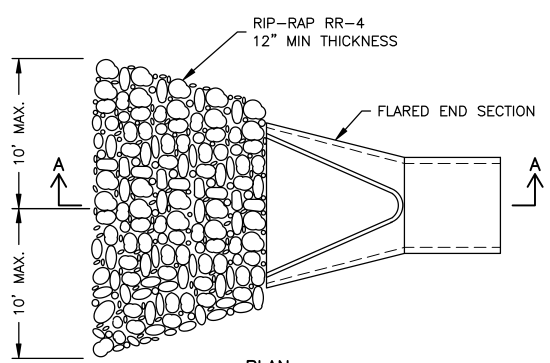
INLET PROTECTION WITH CURB BOX DETAIL

N.T.S.

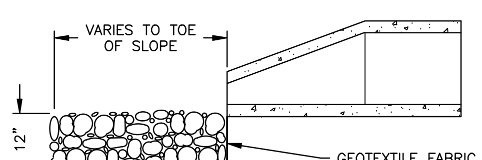


INLET PROTECTION DETAIL

N.T.S.



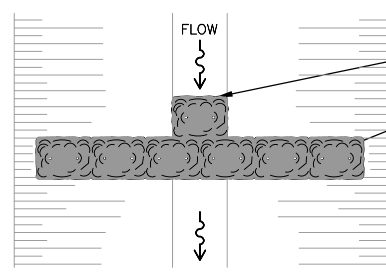
PLAN



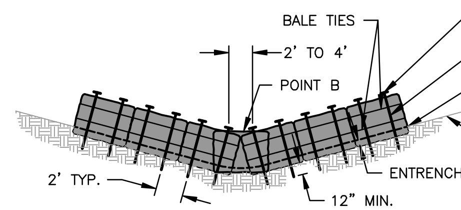
SECTION A – A

RIPRAP DETAIL (VARIABLE SIZE)

N.T.S.



PLAN

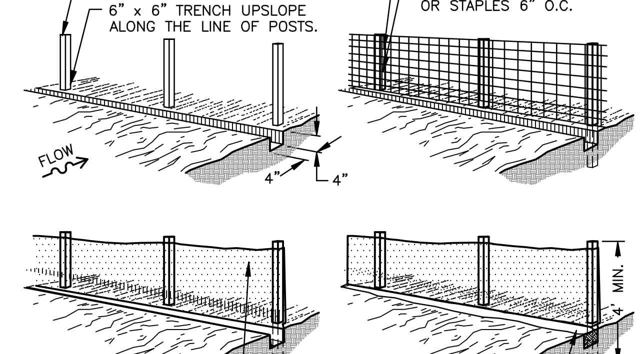


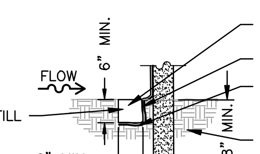
CROSS SECTION

NOTE: POINT A HIGHER THAN POINT B

ROLLED EXCELSIOR OR STRAW BALE DITCH CHECK DETAIL

N.T.S.





CROSS SECTION OF SILT FENCE ANCHOR TRENCH

SILT FENCE INSTALLATION DETAIL

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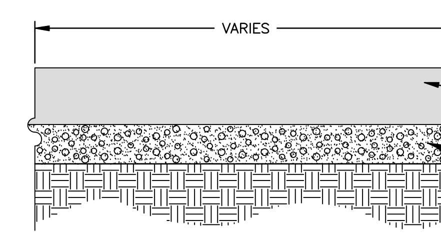

HMA ENTRANCE DETAIL

N.T.S.

FEHR GRAHAM ENGINEERING & ENVIRONMENTAL ILLINOIS DESIGN FIRM NO. 184-003525	ILLINOIS IOWA WISCONSIN	OWNER/DEVELOPER: CITY OF DEKALB 164 E. LINCOLN HIGHWAY DEKALB, IL 60115	PROJECT AND LOCATION: CONTRACT #87749 19–00196–000–BT FAIRVIEW SUP–SEGMENT B DEKALB, ILLINOIS	DRAWN BY: JMV APPROVED BY: JTS DATE: 02/09/2022 SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING: EROSION CONTROL DETAILS

SET TYPE: BID SET

G:\C30\21\21-207 B\Plans\21-207 B – Plans.dwg, DET1

JOB NUMBER: 21–207B

SHEET NUMBER: 38 of 38

PLOT DATE: 5/8/24