COVER SHEET

GENERAL NOTES SUMMARY OF QUANTITIES

TYPICAL SECTIONS

SCHEDULE OF QUANTITIES **EROSION CONTROL PLAN**

PLAN AND PROFILE TRIPLE BARREL BOX CULVERT DETAILS

01-16-2026 LETTING ITEM 164

BORING LOGS CROSS SECTION SHEETS 12-15

FOR HIGHWAY STANDARDS SEE SHEET NO. 2

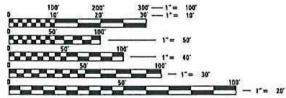
UTILITIES: SEE SHEET NO. 2

FUNCTIONAL CLASSIFICATION

MAJOR COLLECTOR (RURAL) DESIGN SPEED 50 MPH 2024 ADT - 460

ATTENTION CONTRACTORS

THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF MATERIALS AND PHYSICAL RESEARCH, "PROJECT PROCEDURES GUIDE" IS APPLICABLE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. X233600646 & X233600652 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER: ATK PROJECT MANAGER: MRL CONTRACT NO.: 89823

CATALOG NO. 036294-00

Know what's below.

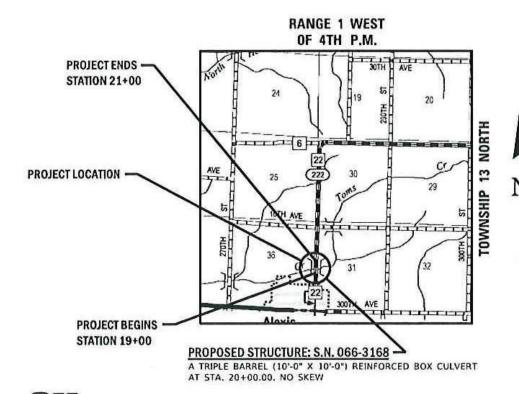
Call before you dig.

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PLAN FOR PROPOSED FEDERAL AID PROJECT SURFACE TRANSPORTATION RURAL - BRIDGE

COUNTY HIGHWAY 22 (N. HENDERSON RD.) OVER TOMS CREEK SECTION 20-00118-00-BR PROJECT NUMBER 3J5S(767) STRUCTURE REPLACEMENT MERCER COUNTY

C-94-019-22



10-27-25 DATE: **EXPIRES 11/30/25**

WILLETT HOFMANN * ASSOCIATES INC ENGINEERING ARCHITECTURE LAND SURVEYING

1515 RFTH AVENUE, SUITE 102, MOUNE, L. 61265 T: 309-517-1119 DESIGN FRAM: 8 184-000918

REGION 3 ENGINEER

DISTRICT 4 LOCAL ROADS & STREETS ENGINEER

LOCATION OF SECTION INDICATED THUS: -

PASSED

RELEASING FOR BID BASED ON LIMITED

MERCER COUNTY HIGHWAY DEPARTMENT

Acting MERCER COUNTY ENGINEER

11-03 20 25

1103 2025

SECTION

20-00118-00-BR

MERCER 15 1

GROSS LENGTH = 200 FT. = 0.038 MILE NET LENGTH = 200 FT. = 0.038 MILE

TO THIS PROJECT.

GENERAL NOTES

ALL WORK COMPLETED UNDER THIS CONTRACT SHALL CONFORM TO ALL REQUIREMENTS SPECIFIED WITHIN THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022.

IN THESE CONTRACT DOCUMENTS THE MENTION IS MADE OF THE "ENGINEER", WHICH SHALL BE DEFINED AS STATED IN ARTICLE 101.16 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS ENCOUNTERED, UNTIL AN OWNER OR AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ANY PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS UNLESS REFERENCED, DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

THE CONTRACTOR SHALL COOPERATE WITH THE COUNTY AND ADJACENT LANDOWNERS WITH REGARDS TO ACCESS TO PRIVATE PROPERTY, AS WELL AS THE U.S. POSTAL SERVICE

THE LOCATION AND ELEVATION OF UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL 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 AND THE CITY FOR EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM TO PREVENT DAMAGE. DAMAGE, AND THE COST TO REPAIR SAID DAMAGE, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL CLEAN UP ALL EXCESS MATERIALS AND DEBRIS CAUSED AS A RESULT OF WORK UNDER THIS CONTRACT AT THE COMPLETION OF THE PROJECT AT NO ADDITIONAL COST.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM THE PERFORMANCE OF THE WORK UNDER THIS CONTRACT.

COPIES OF ALL DELIVERY TICKETS FOR MATERIALS USED IN THE PROJECT SHALL BE SUBMITTED TO THE ENGINEER OR COUNTY PRIOR TO PAYMENT FOR THE WORK. EACH MATERIAL TICKET SHALL BE PROVIDED TO THE RESIDENT ENGINEER UPON DELIVERY.

FINAL INSPECTION OF THE WORK PERFORMED UNDER THIS CONTRACT WILL BE DONE BY THE ENGINEER AND COUNTY PRIOR TO FINAL ACCEPTANCE. DEFECTS SHALL BE CORRECTED BY THE CONTRACTOR WITHOUT COST TO THE COUNTY PRIOR TO ISSUANCE OF THE FINAL

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

GENERAL NOTES CONT.:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE FOLLOWING LITHTIES WERE LOCATED WITHIN THE PROJECT LIMITS. OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS THAT ARE MEMBERS OF JULIE:

Company	Name	Email	Phone	
Ameren Illinois - North	BRIAN BLACKMAN	CBLACKMAN@AMEREN.COM	309-401-4646	
Village of Alexis	JAMES BROWNLEY	ALEXISSTP@HOTMAIL.COM	309-371-3660	
Frontier Communications	KALIN HINSHAW CRAIG YOUNG	KALIN.HINSHAW@FTR.COM CRAIG.YOUNG@FTR.COM	309-313-3950	
Lumen	-	RELOCATIONS@LUMEN.COM	-	
Mediacom	MITCH HANCOCK	MHANCOCK@MEDIACOMCC.COM	563-529-1866	
Cambridge Telephone	COREY SCHULL	COREY.SCHUH@GENESEO.COM	309-714-0904	

EXISTING MAIL BOXES, MONUMENTS, AND ANY MISC, SIGNS THAT ARE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET BY THE CONTRACTOR. COST OF THE REMOVING AND RESETTING TO BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER UNIT FOR EARTH EXCAVATION (SPECIAL).

THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION IN ORDER TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION. WORK PERFORMED OR MATERIALS AND EQUIPMENT INSTALLED WITHOUT INSPECTION MAY BE CONSIDERED UNACCEPTABLE AT THE DISCRETION OF THE ENGINEER AND MY HAVE TO BE REPLACED AT NO COST TO THE ENGINEER OR OWNER.

EXISTING STRUCTURES (INCLUDING FOUNDATIONS, WALLS, CISTERNS, TANKS, WELLS OR OTHER UNDERGROUND STRUCTURES) WITHIN THE RIGHT-OF-WAY SHALL BE REMOVED IN ACCORDANCE WITH ARTICLE 501.04 OF THE STANDARD SPECIFICATIONS, WITHOUT ANY ADDITIONAL COMPENSATION, UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS.

ALL BORROW / WASTE / USE SITES MUST BE APPROVED BY THE DEPARTMENT / OWNER PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTH MOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.

DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY, SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUIRED DUE TO DELAYS OR UNSTABLE MATERIALS CREATED AS A RESULT THEREOF.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL MEASURES THROUGHOUT THE COURSE OF THE PROJECT. THE COST FOR ALL MAINTAINED AND ADJUSTMENTS TO THE EROSION CONTROL MEASURES SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR EACH EROSION CONTROL DEVICE.

TREE REMOVAL WILL BE COMPLETED BY THE COUNTY

FENCE REMOVAL WILL BE COMPLETED BY THE LANDOWNER

HIGHWAY STANDARDS

000001-09

000001 03	STANDARD STANDOLS, ABBREVIATIONS AND TATTERNS	
001001-02	AREAS OF REINFORCEMENT BARS	TDEEC TUDE
001006	DECIMAL OF AN INCH AND OF A FOOT	TREES THRE
280001-07	TEMPORARY EROSION CONTROL SYSTEMS	THROUGH S
515001-04	NAME PLATE FOR BRIDGES	TUE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY	THE PROJEC
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE	
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45MPH	
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS	
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY	
701901-11	TRAFFIC CONTROL DEVICES	
720001-01	SIGN PANEL MOUNTING DETAILS	
720006-04	SIGN PANEL ERECTION DETAILS	
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS	
725001-01	OBJECT AND TERMINAL MARKERS	
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)	
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOC	AL HIGHWAYS
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOC	AL HIGHWAYS
	(TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)	

COMMITMENTS:

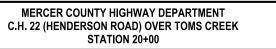
TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT WILL NOT BE CLEARED BETWEEN APRIL 1ST THROUGH SEPTEMBER 30TH

THE PROJECT WILL MEET THE USACE GENERAL PERMIT TERMS AND CONDITIONS.

HOT MIX ASPHALT MIX CHART

LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	HMA BINDER
BINDER GRADE (PG):	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE C	
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC / QA	QC / QA
SUBLOT SIZE:	N / A	N / A
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR
MATERIAL TRANSFER DEVICE (REQUIRED):	NO	NO

REVISION	DATE	BY	REMARKS	DESIGNED	ATK	
				DRAWN		
					DAL	l
				REVIEWED	ATK	ł
				APPROVED		l
				AFFROVED	MRL	





GENERAL NOTES	C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	ent
GENERAL NOTES	22	20-00118-00-BR	MERCER	15	2	cum
NIET NO 4 OF 4 OUETTO		WHA# 1659M22	CONTRACT	. NO. 8	9823	o p
SHEET NO. 1 OF 1 SHEETS	ILLINOIS FED. AID PROJECT					4

PAY CODE

51500100

54003000

59100100

63200310

67100100

72500300

72900100

Z0013798

X2020410

NAME PLATES

CONCRETE BOX CULVERTS

GEOCOMPOSITE WALL DRAIN

GUARDRAIL REMOVAL

OBJECT MARKER - TYPE 3

METAL POST - TYPE A

CONSTRUCTION LAYOUT

X2501020 SEEDING, CLASS 2A (SPECIAL)

EARTH EXCAVATION (SPECIAL)

AGGREGATE DITCH (SPECIAL)

XISTING FIELD TILE REMOVAL

TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES

MOBILIZATION

UNIT

CU YD

QUANTITY

928

PAY CODE

20700220 POROUS GRANULAR EMBANKMENT

)		

25100630	EROSION CONTROL BLANKET	SQ YD	1,531
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	33
28000400	PERIMETER EROSION BARRIER	FOOT	619
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	1,531
28100107	STONE RIPRAP, CLASS A4	SQ YD	283
28200200	FILTER FABRIC	SQ YD	359
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	534
		19	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,200
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	223
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	112
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	56
44000100	PAVEMENT REMOVAL	SQ YD	393
F0100100	DEMOVAL OF EVICTING CTRUCTURES	EACH	1
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	24
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	36,800

PAY ITEM

NAME

		+INDICAT	ES SPECIALTY ITEM	
REVISION	DATE	BY	REMARKS [DESIGNED	A T 16
			DRAWN	DAL
			REVIEWED	ATK
			APPROVED	MRL

`	WILLETT HOFMA & A S S O C I A T E S ENGINEERING ARCHITECTURE LAND SI 1SI SEFFH AVENUE SUITE 102, MOUNE, 1309-517-1119 DESIGN FRINGE 1840
(WILLETT HOFMA
-	+INDICATES
36,800	
24	
1	X7010216
393	X6110073
202	VC110073
56	X5810103
112	X2830495

S SPECIALTY ITEM

ENCINEERING ARCHITECTURE LAND SURVEYING 1515 FIFTH AVENUE, SUITE 102, MOLINE, IL 61265 T: 309-517-1119 DESIGN FIRM: # 184-000918
--

CHAMADY OF CHANTITIES	C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
SUMMARY OF QUANTITIES	22	20-00118-00-BR	MERCER	15	3
		WHA* 1659M22	CONTRACT	NO.	89823
SHEET 1 OF 1		ILL INDIS FED. AL	D PROJECT		

PAY ITEM

NAME

UNIT

EACH

CU YD

SQ YD

FOOT

L SUM

EACH

FOOT

L SUM

CU YD

ACRE

TON

SQ YD

FOOT

L SUM

QUANTITY

238.4

197

374

36

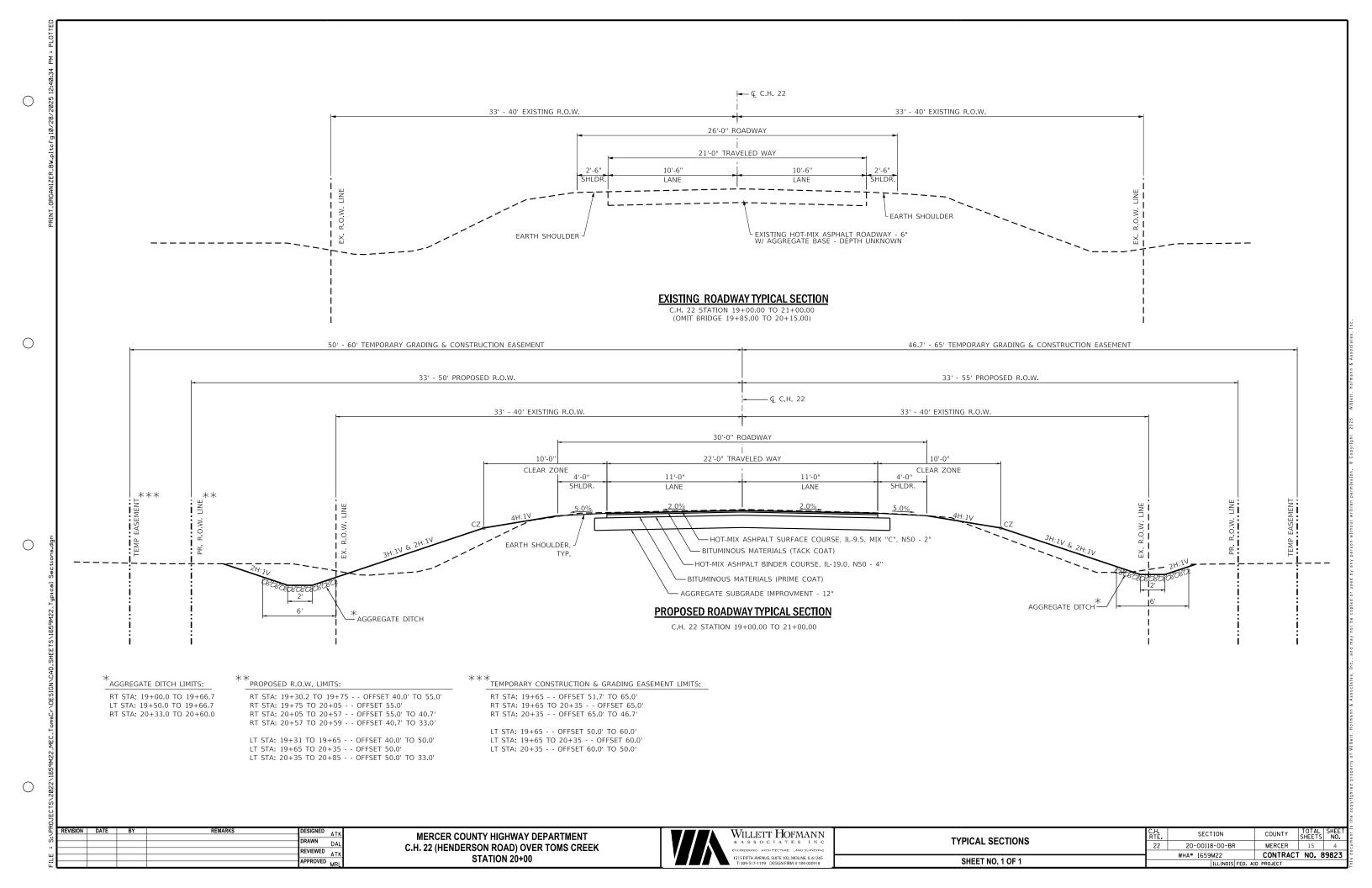
440

0.50

76

197

194



SCHEDULE OF QUANTITIES

EROSION CONTROL BLANKET							
STATION	SQ YD	REMARKS					
COUNTY HIGHWAY 22							
RT 18+75 - 21+25	735						
LT 18+75 - 21+25	796						
PROJECT TOTAL	1,531						
25100630							

TEMPORARY EROSION CONTROL SEEDING				
STATION POUND REMARKS				
COUNTY HIGHWAY 22				
RT 18+75 - 21+25 16 LT 18+75 - 21+25 17				
PROJECT TOTAL	33	100 LBS / ACRE		
28000250				

PERIMETI	ER EROSION	N BARRIER
STATION	FOOT	REMARKS
COUNTY HIGHWAY 22		
RT 18+75 - 19+79	141	
LT 18+75 - 19+94	152	
RT 19+94 - 21+25	177	
LT 20+10 - 21+25	149	
PROJECT TOTAL	619	
28000400	•	

TEMPORARY EROSION CONTROL BLANKET					
STATION SQ YD REMARKS					
COUNTY HIGHWAY 22					
RT 18+75 - 21+25 735					
LT 18+75 - 21+25 796					
PROJECT TOTAL	1,531				
28001100					

FILTER FABRIC					
STATION	SQ YD	REMARKS			
COUNTY HIGHWAY 22					
RT 19+00 - 19+67	45	AGGREGATE LINED DITCH AGGREGATE LINED DITCH BRIDGE RIPRAP QUANTITY			
LT 19+50 - 19+67	12				
19+67 - 20+33	283				
RT 20+33 - 20+60	19	AGGREGATE LINED DITCH			
PROJECT TOTAL	359				
28200200					

AGGREGATE SUBGRADE IMPROVEMENT					
STATION SQ YD REMARKS					
COUNTY HIGHWAY 22					
19+00 - 21+00 534					
PROJECT TOTAL 534 2.05 TON / CU YD					
30300112					

BITUMINOUS MATERIALS (PRIME COAT)				
STATION POUND REMARKS				
COUNTY HIGHWAY 22				
19+00 - 21+00 1,200 AGGREGATE SUBGRADE AF		AGGREGATE SUBGRADE APPLICATION		
PROJECT TOTAL	1,200	0.25 LBS / SQ FT		
40600275				

BITUMINOUS MATERIALS (TACK COAT)					
STATION POUND REMARKS					
COUNTY HIGHWAY 22					
19+00 - 21+00 112 APPLICATION FOR TOP BINDER (
19+00 - 21+01 111 APPLICATION FO		APPLICATION FOR SURFACE COURSE			
PROJECT TOTAL 223 0.025 LBS / SQ FT		0.025 LBS / SQ FT			
40600290					

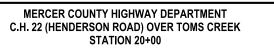
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50				
STATION TON REMARKS				
COUNTY HIGHWAY 22				
19+00 - 21+00 112 APPLIED IN TWO LIFTS		APPLIED IN TWO LIFTS		
PROJECT TOTAL	112	112 LBS / SY / IN		
40603080				

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50					
STATION TON REMARKS COUNTY HIGHWAY 22					
					19+00 - 21+00 56 APPLIED IN ONE LIFT
PROJECT TOTAL	56	112 LBS / SY / IN			
40604050	1				

PAVEMENT REMOVAL					
STATION SQ YD REMARKS					
COUNTY HIGHWAY 22					
19+00 - 19+84 198 EXCLUDES PVMT OVER STF		EXCLUDES PVMT OVER STRUCTURE			
20+16 - 21+00 195		EXCLUDES PVMT OVER STRUCTURE			
PROJECT TOTAL	393				
44000100					

PIPE CULVERT REMOVAL				
STATION FOOT REMARKS				
COUNTY HIGHWAY 22				
RT 20+06 - 20+31	24	15" CMP		
PROJECT TOTAL	24			
50105220				

ATK	DESIGNED	REMARKS	BY	DATE	REVISION
AIN	DRAWN				
DAL	DRAWN DAL				
ATK	REVIEWED				
AIK	40000/50				
MPI	APPROVED				





HEDULE OF QUANTITIES		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
CHEDULE OF QUANTITIES	22	20-00118-00-BR	MERCER	15	5		
		WHA# 1659M22 CONTRACT NO. 89					
SHEET 1 OF 2		ILLINOIS FED. AI	D PROJECT				

SCHEDULE OF QUANTITIES

GUA	ARDRAIL REM	IOVAL
STATION	FOOT	REMARKS
COUNTY HIGHWAY 22		
RT 19+06 - 20+93	187	INCLUDES BRIDGE
LT 19+06 - 20+93	187	INCLUDES BRIDGE
PROJECT TOTAL	374	
63200310	•	

OBJEC	T MARKER -	TYPE 3
STATION	EACH	REMARKS
COUNTY HIGHWAY 22		
LT 19+83	1	NW QUADRANT
RT 19+83	1	SW QUANDRANT
LT 20+18	1	NE QUANDRANT
RT 20+18	1	SE QUANDRANT
PROJECT TOTAL	4	
72500300		

METAL POST - TYPE A							
STATION	FOOT	REMARKS					
COUNTY HIGHWAY 22							
LT 19+83	9	NW QUADRANT					
RT 19+83	9	SW QUANDRANT					
LT 20+18	9	NE QUANDRANT					
RT 20+18	9	SE QUANDRANT					
PROJECT TOTAL	36						
72900100							

SEEDING,	CLASS 2A	(SPECIAL)
STATION	ACRE	REMARKS
COUNTY HIGHWAY 22		
RT 18+75 - 21+25	0.25	Rounded to nearest 1/4 acre per BDE
LT 18+75 - 21+25	0.25	Rounded to nearest 1/4 acre per BDE
PROJECT TOTAL	0.50	
X2501020	-	

STATION TON REMARKS									
DUNTY HIGHWAY 22									
RT 19+00 - 19+67	45	R4 STONE W/ FILTER FABRIC							
LT 19+50 - 19+67	12	R4 STONE W/ FILTER FABRIC							
RT 20+33 - 20+60	19	R4 STONE W/ FILTER FABRIC							
PROJECT TOTAL	76	(±0.333 TON / SQ YD)							

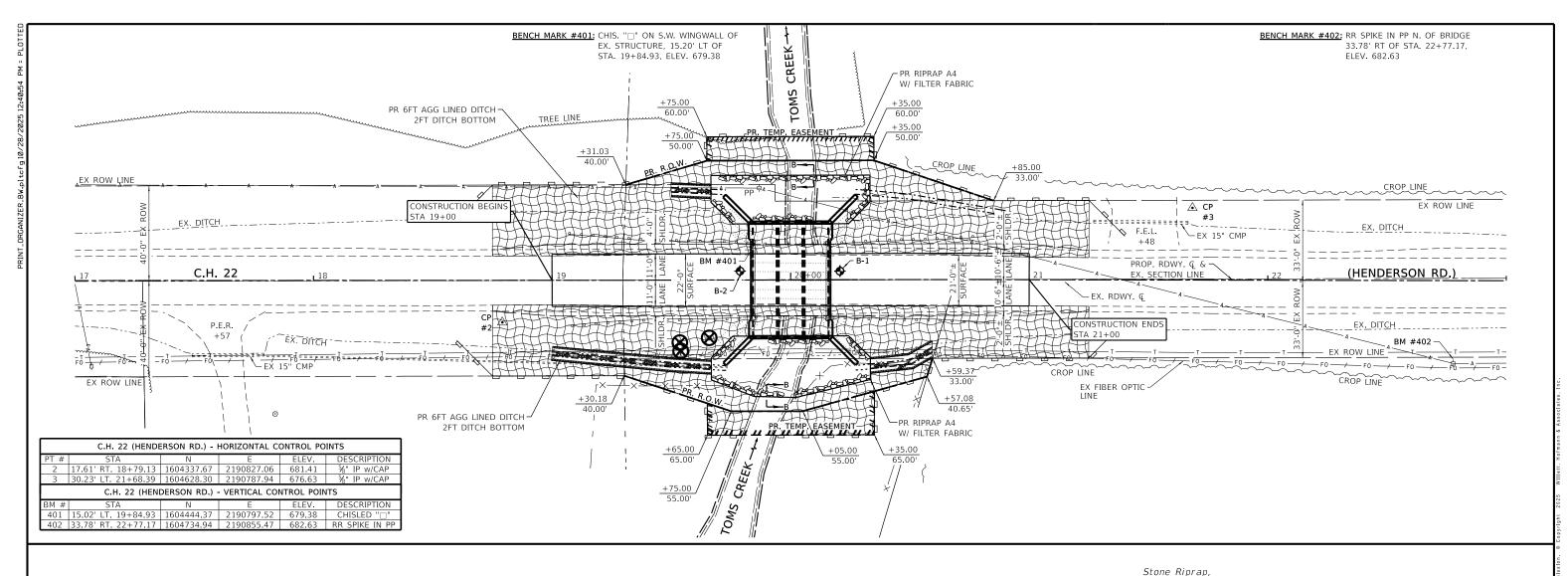
EXISTING	FIELD TILE	REMOVAL
STATION	FOOT	REMARKS
COUNTY HIGHWAY 22		
RT 17+80 - 19+74	194	
PROJECT TOTAL	194	
X6110073		

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (SPECIAL) X2020410 (Cu Yd)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25% (Cu Yd)	EMBANKMENT (Cu Yd)	EARTH BALANCE WASTE (+) OR FURNISHED EXCAVATION (-) (Cu Yd)
C.H. 22	440	330	151	179
TOTALS	440	330	151	179

REVISION	DATE	BY	REMARKS	DESIGNED	4.71	Г
					ATK	ı
				DRAWN		ı
					DAL	ı
				REVIEWED		ı
					ATK	ı
				APPROVED		
				AFFRUVED	MRI	ı





EROSION CONTROL NOTES

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THE SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSPECTED WEEKLY AND AFTER 1/2 = OF RAIN OR MORE BY THE INDIVIDUAL ON SITE IN CHARGE OF SOIL EROSION AND SEDIMENT CONTROL DURING THE CONSTRUCTION OF THE PROJECT. THE INDIVIDUAL ON SITE SHALL PROVIDE A REPORT TO THE INSPECTION STAFF THE FOLLOWING DAY AFTER 1/2 = OF RAIN OR MORE.

PERIMETER EROSION BARRIER SHALL COMPLY WITH SECTION 280 OF THE STANDARD SPECIFICATIONS AND SHALL BE PLACED AS SHOWN ON THIS EROSION CONTROL PLAN AND IN ACCORDANCE WITH STATIONS SHOWN ON THE SCHEDULE OF QUANTITIES SHEET OR AS DIRECTED BY THE ENGINEER.

EROSION CONTROL BLANKET SHALL BE PLACED ON ALL DISTURBED AREAS AS SHOWN ON THIS EROSION CONTROL PLAN SHEET AND IN ACCORDANCE WITH SECTION 251 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE COSNTRUCTION.

THE USE OF GREEN DYE IN THE EROSION CONTROL BLNAKET IS NOT ACCEPTABLE.

STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN 3 DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). SOCKPILES TO REMAIN IN PLACE FOR 14 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING. INCIDENTAL TO EARTH EX (SPECIAL)

ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY.

LEGEND





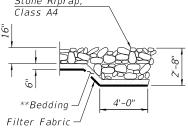
EROSION CONTROL BLANKET W/ SEEDING, CLASS 2A (SPECIAL)



STONE RIPRAP, CLASS A4 W/ FILTER FABRIC

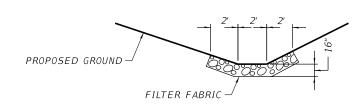


TREE REMOVAL (TO BE DONE BY COUNTY)



<u>SECTION B-B</u>

**Cost included in Stone Riprap,
Class A4



SCALE: 1"=20'

Know what's **below**.

Call before you dig.

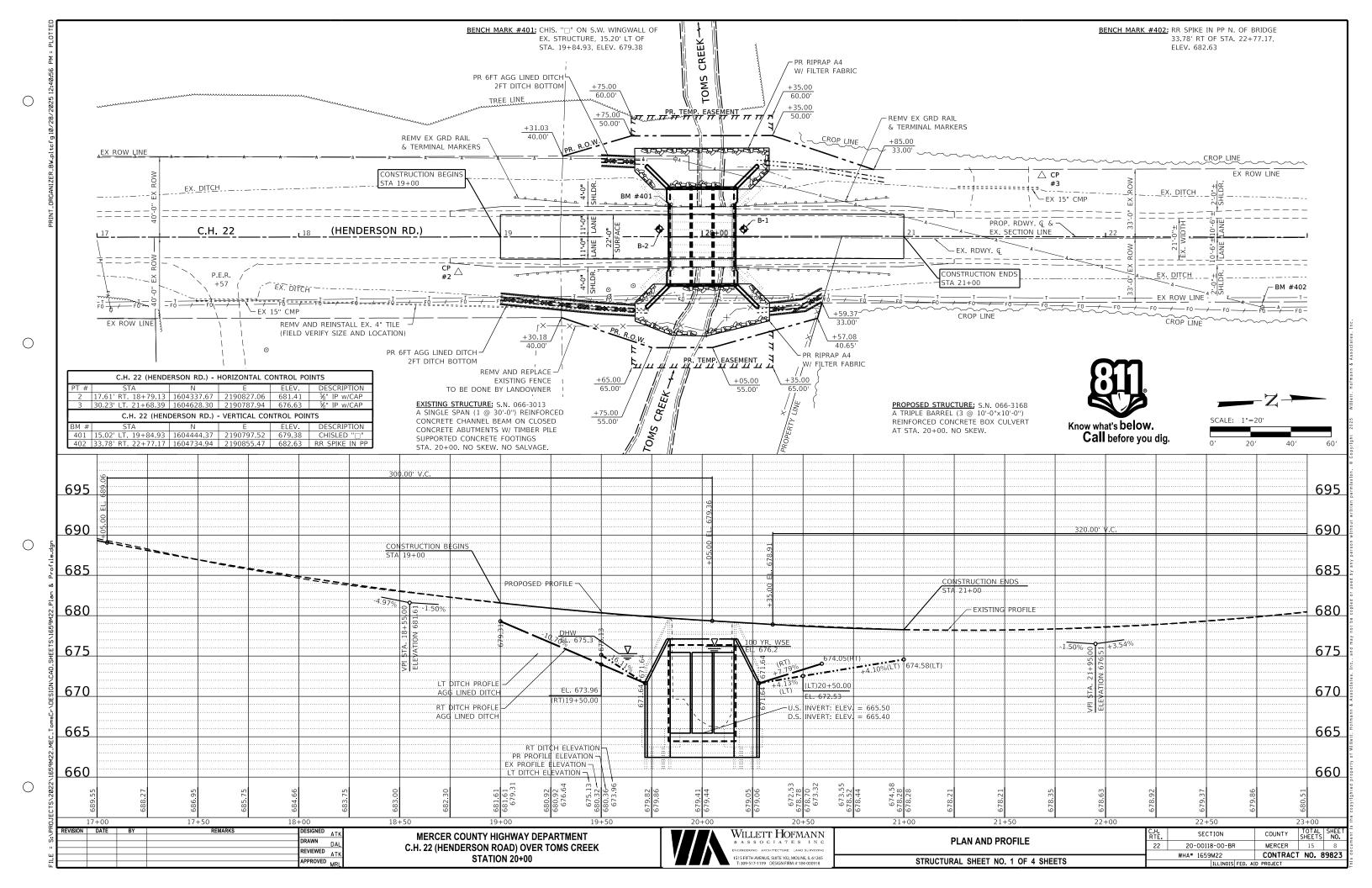
<u>AGGREGATE DITCH DETAIL</u>

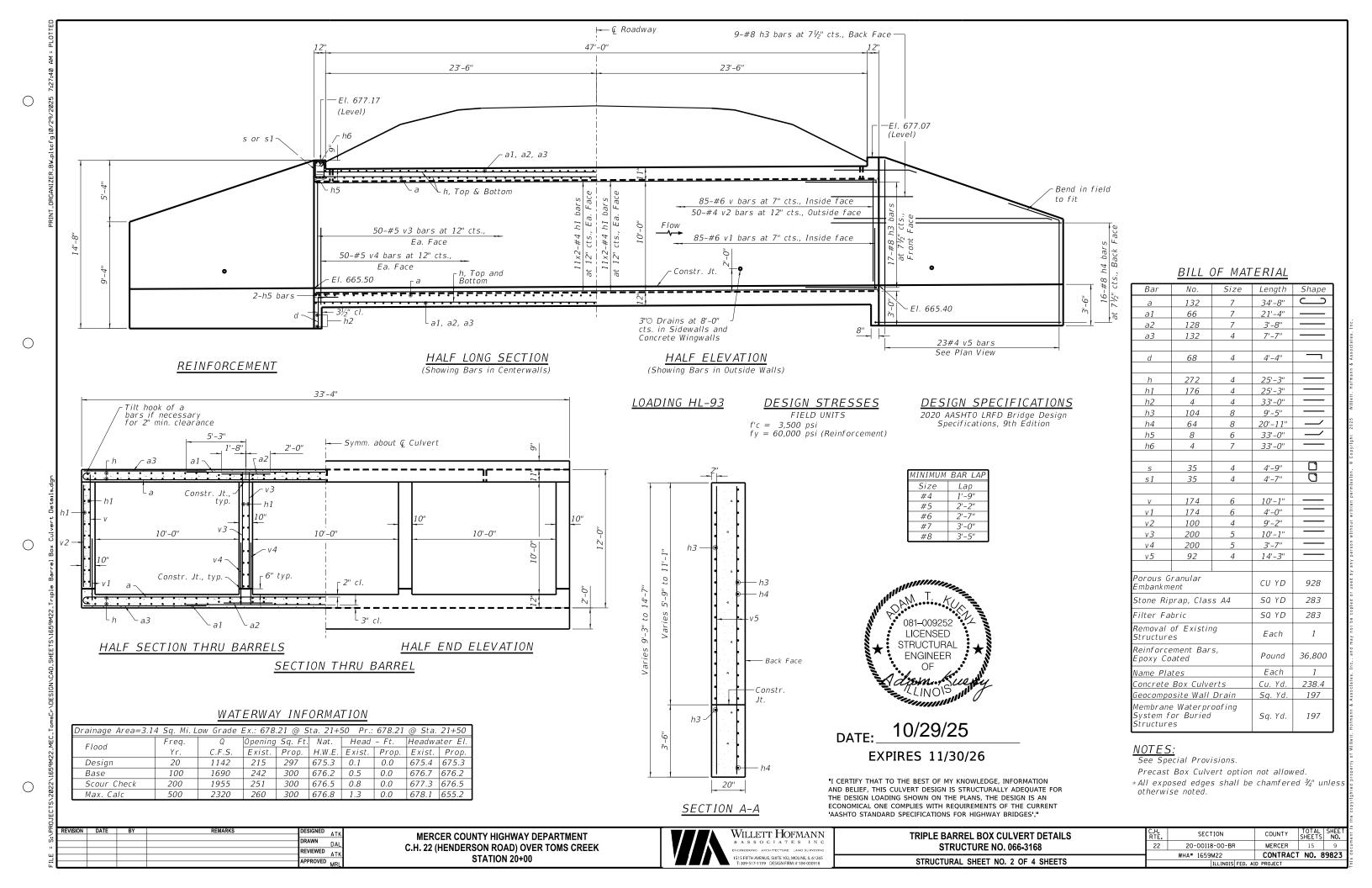
	KEVISION	DATE	DI DI	REWARRS	DESIGNED	ATK
						AID
					DRAWN	
ı					Ditailit	DAL
ı					REVIEWED	A T 1/
ш						ATK
ш					APPROVED	
1					AFFROVED	MRL

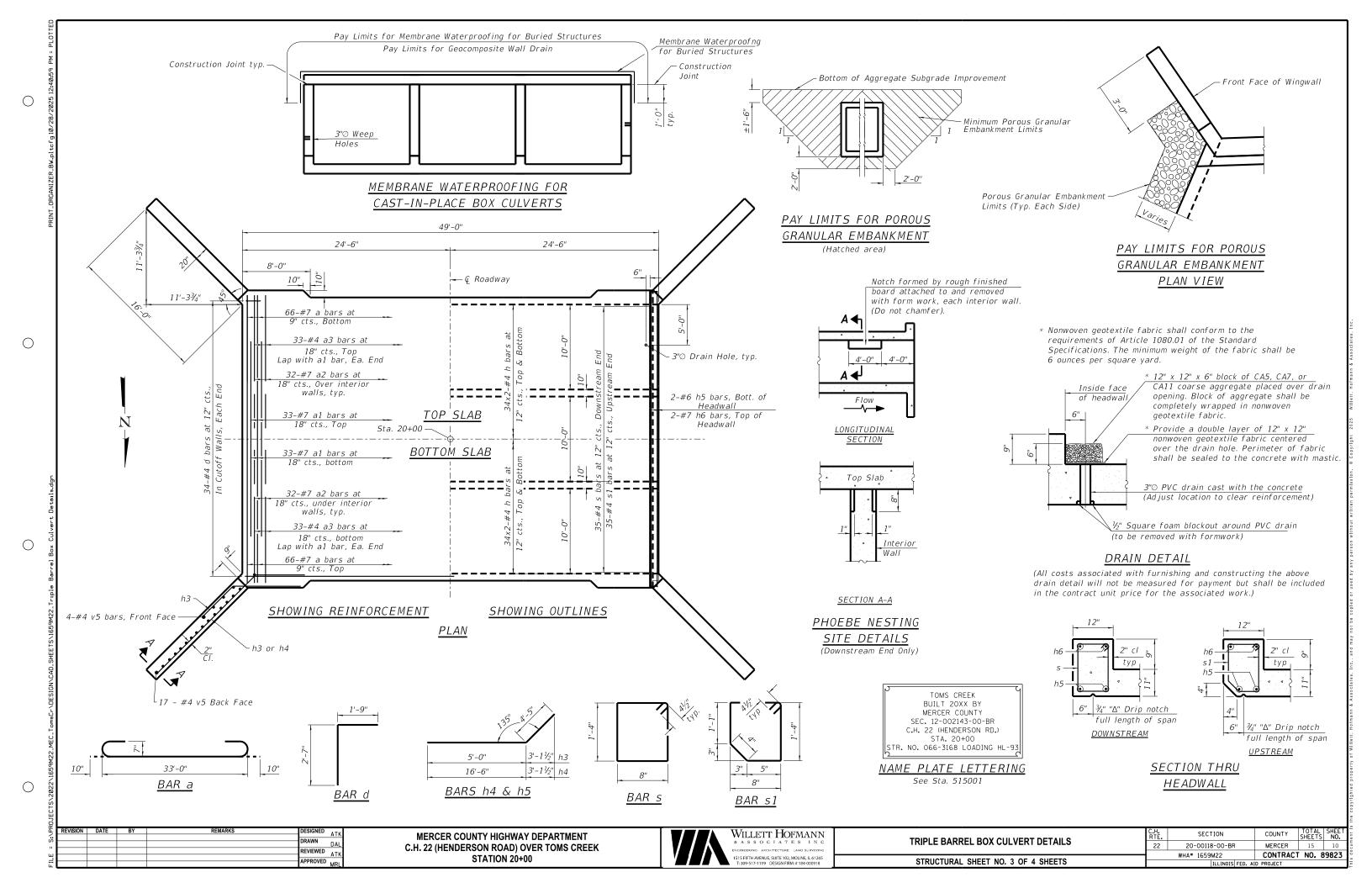
MERCER COUNTY HIGHWAY DEPARTMENT C.H. 22 (HENDERSON ROAD) OVER TOMS CREEK STATION 20+00



EROSION CONTROL PLAN		SE
EROSION CONTROL PLAN	22	20-00
OUEET NO. 4 OF 4 OUEETO		WHA# 16
SHEET NO 1 OF 1 SHEETS		







PROJECT

Bridge Replacement

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USCS SYMBOL SPT - N (BLOWS / FT.) DRY DENSITY (PCF) DEPTH (ft.) MOISTURE, % UNCONFINED STRENGTH (PSF) Approx. Surface Elevation (ft): 678.86 RECOVERY NUMBER Site Datum: Spike on Power Pole (682.63') Drilling Method: HSA DESCRIPTION 0.5 Pavement -- Asphalt AS 5.5 CL Fill -- Sandy lean CLAY, trace gravel, very dark gray 13 8.5 8 16.2 673.4 Possible Fill -- Lean CLAY, trace CL sand, dark olive brown ST 8 19.8 104 4,000* 670.4 Alluvium -- Lean CLAY, dark gray, CL 5 22.7 3 medium stiff 668.4 Alluvium -- Lean to fat CLAY, very СН dark gray, medium stiff to stiff 29 94 2,000* 665.4 Alluvium -- Sandy lean CLAY, dark CL SS 12 4 24.3 gray, medium stiff 661.9 Alluvium -- Lean CLAY, dark grayish CL brown, medium stiff SS 6 6 33.8 CL Glacial Till -- Sandy lean CLAY, trace gravel, olive brown, stiff SS 6 14 | 14.5 25 -10 SS 8 14 16.7 30.0 Bottom of boring Notes: * Calibrated hand penetrometer Hammer Type: Manual Boring Started: 12-19-2023 Water Level: Boring Completed: 12-19-2023 Ft. While Drilling 18 Ft. After Drilling Rig: TRK Foreman: JH Job #: 1-5423 Ft. Approved: NG THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES; IN-SITU, THE TRANSITION MAY BE GRADUAL.

BORING LOG No. 1

SITE

SAMPLES

Page 1 of 1

Alexis, IL

TESTS

``	DJECT Bridge Replacement				S	ITE			Ale	xis, IL	
		ي ا			SA	MPLE				TES1	'S
	Approx. Surface Elevation (ft): 679.63 Site Datum: Spike on Power Pole (682.63') Drilling Method: HSA	USCS SYMBOL	DEPTH (ft.)	NUMBER	TYPE	RECOVERY	SPT - N (BLOWS / FT.)	MOISTURE, %	DRY DENSITY (PCF)	UNCONFINED STRENGTH (PSF)	ОТНЕК
	DESCRIPTION 0.5 Pavement Asphalt 6	79.1	0								
×	Fill Sandy lean CLAY, trace gravel,	CL		-							
	olive gray and very dark gray			1	ss	6	12	8.9			
			5-	2	ST	10		18.2	109	6,000*	
				3	ss	13	6	19.2			
		71.1									
	Possible Fill Lean CLAY, with sand, dark grayish brown	CL	10 -	4	SS	9	4	19.1			
	11.0 6 Alluvium Lean to fat CLAY, trace	68.6 CL	_	-							
	sand, very dark gray, medium stiff	CH		5	ss	15	5	30.3			
			15 -	6	ss	14	4	26.4			
	17.0 6 Glacial Till Sandy lean CLAY, trace	62.6 CI		-							
	gravel, grayish brown, stiff	*		7	SS	16	9	13.8			
			20 -								
				8	ss	14	11	13.6			
			25 -			.,		10.0			
				9	ss	13	10	15.1			
2	30.0 6 Bottom of boring	49.6	30_			10	10	15.1			
te	es:								* Calibra	ated hand p	enetrometer
										ner Type: M	
t	er Level:							Borir	ng Starte	d : 12-19-20	23
=	18 Ft. While Drilling							Borir	ng Comp	leted: 12-1	9-2023
_								Rig:	TRK		Foreman: JH
_	Ft							Appr	oved: N	G	Job # : 1-5423

BORING LOG No. 2

Page 1 of 1

REVISION	DATE	BY	REMARKS	DESIGNED	ATK	
				DRAWN		
				DRAWN	DAL	
				REVIEWED	ATK	
				APPROVED	AIN	
				APPROVED	MRI	



