INDEX OF SHEETS

SUMMARY OF QUANTITIES SCHEDULE OF QUANTITIES

DETAILS PLAN AND PROFILE EROSION CONTROL PLAN

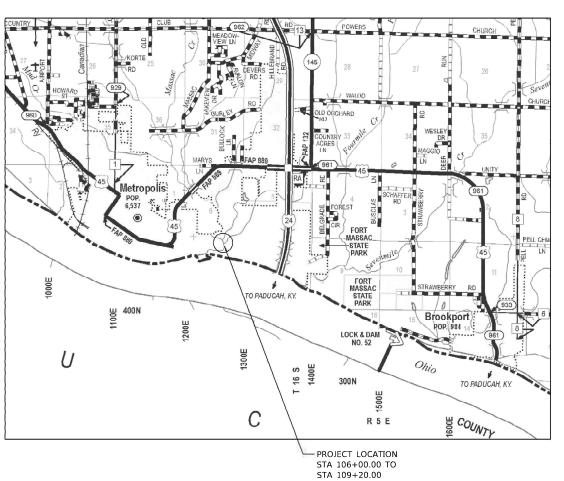
GENERAL NOTES, STANDARDS, AND TYPICAL SECTION

DEPARTMENT OF TRANSPORTATION DEPARTMENT OF NATURAL RESOURCES

HIGHWAY PLANS

FT MASSAC 2024 MASSAC COUNTY

> C-30-005-24 IDNR FILE No. 5-24-008

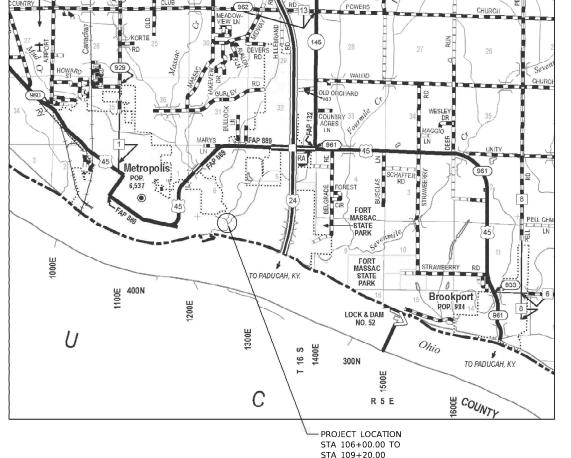


LOCATION MAP

STATE OF ILLINOIS

PROPOSED

IDOT / IDNR STATEWIDE FORT MASSAC STATE PARK BRIDGE APPROACH REPAIR



MASSAC 8 1 FORT MASSAC 2024

D-??????





ILLINOIS PROFESSIONAL ENGINEER NO. 062-033925 EXPIRATION DATE 11/30/2025

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SUBMITTED <u>MAY 10-2024</u> May 10, 2024 May 10, 2024

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. - MS

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.

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS 1 (800) 892–0123

OR 811

CONTRACT No. 46938

FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

TYPICAL SECTION - FORT MASSAC STATE PARK ROAD

STA. 16+00.00 TO 16+93.20 STA. 18+21.60 TO 19+20.00

NEW STANDARD REINFORCED CONCRETE PAVEMENT 7"

- 2 NEW SUBBASE AGGREGATE MATERIAL, TYPE A 4"
- (3) NEW FABRIC FORMED CONCRETE REVETMENT MAT
- 4) NEW 4" PAVEMENT STRIPE (WHITE)
- 5) NEW 8" THICK REINFORCED CONCRETE TOE WALL

LEGEND

-0-	-	EXISTING POWER POLE
←	-	EXISTING GUY WIRE
þ	-	EXISTING SIGN
0	-	EXISTING WOOD POST
0	-	EXISTING FENCE POST
P	-	EXISTING MAILBOX
⊚ ^{32"}	-	EXISTING DECIDUOUS TREE
o ^{12"}	-	EXISTING EVERGREEN TREE
0	-	EXISTING BUSH
0	-	EXISTING JUNCTION BOX
	-	EXISTING ELECTRIC SPLICE BOX
Ħ	-	EXISTING TELEPHONE SPLICE BOX
0	-	EXISTING WATER VALVE
0	-	EXISTING CATCH BASIN
0	-	EXISTING MANHOLE
٩	-	EXISTING END SECTION
= -	-	EXISTING PARKING BLOCK
A	-	EXISTING A.D.A. PARKING SYMBOL
	-	EXISTING RIPRAP
		EXISTING FENCE LINE
	-	EXISTING DITCH LINE
		EXISTING GUARD RAIL
 825		EXISTING CONTOURS
	······ -	EXISTING TREE LINE
	-	EXISTING BUILDING LIMITS
		EXISTING CULVERT
\bigoplus	-	SOIL BORINGS
•••••		PROPOSED SILT FENCE

GENERAL NOTES

- 1) SPECIFICATIONS SHALL BE THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022.
- 2) ALL ELEVATIONS ARE REFERENCED TO ELEVATIONS ESTABLISHED BY OTHERS
- 3) WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. IF THE ENGINEER DECIDES TO HAVE THE CONTRACTOR RESET THE MONUMENT, THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.
- 4) THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS) TO HAVE PUBLIC AND PRIVATE UTILITIES LOCATED PRIOR TO ANY CONSTRUCTION.
- 5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS (800) 892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
- 6) ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THESE PLANS.
- 7) ALL DETAILS IN THE PLANS SHALL GOVERN CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND GOVERN.
- 8) THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, IDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR THE LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- 9) ALL CONSTRUCTION LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 10) ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.
- 11) THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING MIX SHALL BE 6 PLS PER ACRE OF LITTLE BLUESTEM, 5 PLS PER ACRE OF LITTLE BLUESTEM, 5 PLS PER ACRE OF INDIANGRASS. OTHER LEGUMES THAT MAY BE INCORPORATED INTO THE SEEDING MIX INCLUDE PARTRIDGE PEA AND CLOVERS (RED, CRIMSON, LADINO). FERTILIZER AND CLASS 7 SEEDING SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING OR PLACEMENT OF SOD AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION (SPECIAL)". MULCH METHOD II SHALL BE APPLIED OVER ALL SEEDED AREAS. THIS, TOO, SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION (SPECIAL)".
- 12) THE BASELINES SHOWN THROUGHOUT THE PLANS ARE A "BEST FIT" ALIGNMENT OF THE CENTER OF THE EXISTING ROADWAYS FOR THE PURPOSE OF STATIONING AND DETERMINATION OF OFFSETS. IN MOST CASES, IT DOES NOT REPRESENT THE PHYSICAL CENTER OF THE EXISTING ROADWAY SURFACE.

REV. - MS

DESIGNED -SDK REVISED USER NAME = jbegue SECTION COUNTY STATE OF ILLINOIS GENERAL NOTES, STANDARDS, AND TYPICAL SECTION SHEETS DRAWN JEB REVISED DEPARTMENT OF TRANSPORTATION FORT MASSAC 2024 MASSAC 8 2 FORT MASSAC STATE PARK HECKED RHD REVISED CONTRACT NO. 46938 DEPARTMENT OF NATURAL RESOURCES SCALE: SHEET OF SHEETS STA. PLOT DATE = 3/21/2024 3/21/2024 REVISED DATE

CONSTR. CODE 100% STATE

	CODE			TOTAL	ROADWAY 0004
	NO.	ITEM	UNIT	QUANTITY	RURAL
	21400100	GRADING AND SHAPING DITCHES	FOOT	400	400
	L				
	25100630	EROSION CONTROL BLANKET	SQ YD	400	400
	28000400	PERIMETER EROSION BARRIER	FOOT	483	483
		The second secon	1001		,,,,,
*	28500100	FABRIC FORMED CONCRETE REVETMENT MAT	SQ YD	359	359
	31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	COVD	569	569
	21100300	SOUDDE GIVEROLAN PALLINAL, LITE A 4	SQ YD	800	703
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	584	584
*	42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	597	597
	42001300	PROTECTIVE COAT	SQ YD	597	597
*	50300225	CONCRETE STRUCTURES	CU YD	28.6	28.6
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1728	1728
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3	3
	67100100	MOBILIZATION	L SUM	1	1
*	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	817	817
•					
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	\$Q IT	86	86
	DEMOTES SPECI	AL PROVIDION			

* - DENOTES SPECIAL PROVISION

* SPECIALTY ITEM

DESIGNED - SDK REVISED STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DEPARTMENT OF NATURAL RESOURCES SECTION SUMMARY OF QUANTITIES COUNTY SHEETS NO.

MASSAC 8 3 DRAWN -JEB REVISED FORT MASSAC 2024 FORT MASSAC STATE PARK PLOT SCALE = 40.0000 '/ in. REVISED CHECKED -CONTRACT NO. 46938 PLOT DATE = 3/21/2024 DATE 3/21/2024 REVISED SHEET OF SHEETS STA. TO STA.

CONSTR. CODE 100% STATE

	CODE NO .	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 RURAL
*	X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	267	267
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

* - DENOTES SPECIAL PROVISION

 USER NAME
 = /pegue
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 SDK
 REVISED

 DRAWN
 JEB
 REVISED

 PLOT SCALE
 = 40.0000 / in.
 CHECKED
 RHD
 REVISED

 PLOT DATE
 = 3/21/2024
 DATE
 3/21/2024
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DEPARTMENT OF NATURAL RESOURCES

SUMMARY OF QUANTITIES
FORT MASSAC STATE PARK

SHEET OF SHEETS STA. TO STA.

	SEEDING & EROSION CONTROL SCHEDULE											
				GRD & SHAP	*SEEDING	*NITROGEN	*PHOSPHORUS	*POTASSIUM	*MULCH	EROSION	PER EROSION	
STATION	LT/RT	STATION	LT/RT	DITCHES	PARK MIX	FERT NUTRIENT	FERT NUTRIENT	FERT NUTRIENT	METHOD 2	CNTRL BLNKT	BARRIER	
STATION	LI/KI	STATION	LI/KI	(FOOT)	(ACRE)	(POUND)	(POUND)	(POUND)	(ACRE)	(SQ YD)	(FOOT)	
				21400100	SEE GEN NOTE				SEE GEN NOTE	25100630	28000400	
MAIN PARK ROAD												
105+00.00	RT/LT	106+93.34	RT/LT	200						200		
105+75.00	RT/LT	106+93.34	RT/LT		0.1	9	9	9	0.1		236	
108+21.67	LT	109+45.00	LT		0.05	4.5	4.5	4.5	0.05		103	
108+21.67	RT	109+45.00	RT		0.05	4.5	4.5	4.5	0.05		144	
108+21.67	RT/LT	110+00.00	RT/LT	200						200		
		TOTAL	=	400	0.2	18	18	18	0.2	400	483	
						* FOF	RINFORMATION	ONLY				
						21400100 & 251	.00630 - ESTIMAT	ED QUANTITIES				

REVETMENT MAT, TOE WALL, AND EARTH EXCAVATION SCHEDULE											
				FAB FORM CONC	CONCRETE	REINF BARS	EARTH EXC				
STATION	LT/RT	STATION	LT/RT	REVETMENT MAT	STRUCTURES	EPOXY COATED	(SPECIAL)				
STATION	LI/KI	STATION	LI/KI	(SQ YD)	(CU YD)	(POUND)	(CU YD)				
				28500100	50300205	50800205	X2020410				
MAIN PARK ROAD											
106+00.00	RT/LT	106+93.34	RT/LT	175	13.9	842	130				
108+21.67	RT/LT	109+20.00	RT/LT	184	14.7	886	137				
		TOTAL	=	359	28.6	1,728	267				

X2020410 - SEE SPECIAL PROVISIONS

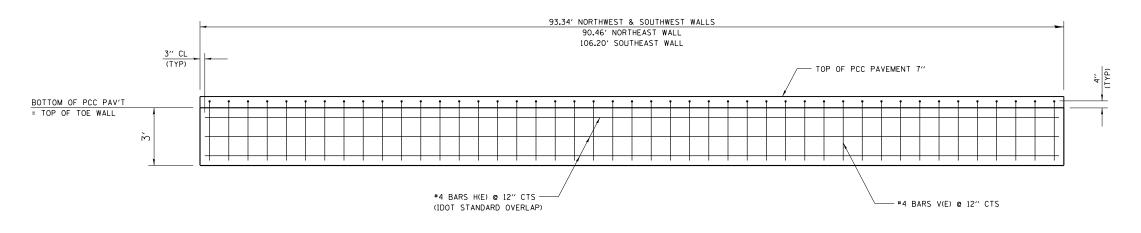
	PAVING SCHEDULE										
				SUB GRAN	WELDED WIRE	PCC PAV'T	PROTECTIVE	EPOXY PAV'T	PAV'T MRK REM		
CTATION	LT/RT	CTATION	LT/RT	MAT TA 4"	REINFORCEMENT	7"	COAT	MARKING 4"	WATER BLAST		
STATION	LI/KI	STATION	LI/KI	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(FOOT)	(SQ FT)		
				31100300	42000060	42000200	42001300	78005110	78300202		
MAIN PARK ROA	D										
106+00.00	LT/RT	106+93.34	LT/RT	277	285	291	291				
108+21.67	LT/RT	109+20.00	LT/RT	292	299	306	306				
105+25.00	RT	109+42.00	RT					423			
105+42.00	LT	109+42.00	LT					394			
106+93.34	LT/RT	108+21.67	LT/RT						86		
		TOTAL	=	569	584	597	597	817	86		

REV. - MS

								0
USER NAME = jbegue	DESIGNED - SDK	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES	F.A. SECTION	COUNTY	FOTAL SHEF	ET [2
	DRAWN - JEB	REVISED -	DEPARTMENT OF TRANSPORTATION		STRATTON 2019	MASSAC	8 5	
PLOT SCALE = 40.0000 / in.	CHECKED - RHD	REVISED -	DEPARTMENT OF NATURAL RESOURCES	FORT MASSAC STATE PARK		CONTRACT N	NO. 46908	,⊤ ĕ
PLOT DATE = 3/21/2024	DATE - 3/21/2024	REVISED -	DEPARTMENT OF NATURAL RESOURCES	SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS FE	ED. AID PROJECT		그림

CONCRETE REVETMENT MAT DETAIL

MAT THICKNESS: 3" TO 5"





ELEVATION - TOE WALL

SHOWING EPOXY COATED REINFORCEMENT CONCRETE WALL THICKNESS: 8"

USER NAME = jbegue	DESIGNED - SDK	REVISED -	STATE OF ILLINOIS
	DRAWN - JEB	REVISED -	DEPARTMENT OF TRANSPORTATION
PLOT SCALE = 5.0000 / in	CHECKED - RHD	REVISED -	
PLOT DATE = 3/21/2024	DATE - 3/21/2024	REVISED -	DEPARTMENT OF NATURAL RESOURCES

DETAILS							SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FORT MASSAC STATE PARK							FORT MASSAC 2024	MASSAC	8	6
	TORT WASSAC STATE FARK							CONTRACT	NO. 4	5938
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT			

