GENERAL NOTES

- TREES THAT INTEREFRE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS INDICATED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST. TREE PROTECTION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK ITEM REQUIRING PROTECTION.
- EXISTING TREES AND TREE CANOPY SHALL BE PROTECTED/CLEARED ACCORDING TO ARTICLE 201 OF THE STANDARD SPECIFICATIONS. ANY BRANCHES BROKEN OR DAMAGED DURING CLEARING OR CONSTRUCTION OPERATIONS SHALL BE PRUNED ACCORDING TO ANSI A300 OR AS INDICATED BY IDNR STAFF/BIOLOGIST. PRUNING SHALL BE INCLUDED IN THE COST OF OTHER ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3. GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF EXISTING SITE AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS INDICATED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES AND SHALL BE LIABLE FOR ANY DAMAGE TO THEM RESULTING FROM
- 5. THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- HORIZONTAL COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (1983).
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED, FERTILIZED, AND MULCHED AS INDICATED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, FERTILIZED, AND MULCHED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- 10. WHEN EXISTING SIGNS TO BE REMOVED ARE TO BE REPLACED BY NEW SIGNS, THE NEW SIGNS SHALL BE COMPLETELY INSTALLED PRIOR TO THE REMOVAL OF THE EXISTING AND DUPLICATE SIGNS SHALL NOT EXIST FOR MORE THAN 24 HOURS.
- 11. FULL DEPTH SAW CUTS SHALL BE PROVIDED AT ALL REMOVAL LIMITS UNLESS OTHERWISE SHOWN ON THE PLANS. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS
- 12. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF
- 13. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- 14. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- 15. ALL BINDER COURSES SHALL RECEIVE A TACK COAT OF PRIME BEFORE THE FOLLOWING LIFT IS PLACED WHEN INDICATED BY
- 16. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- 17. ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

* CLEARWAVE COMMUNICATIONS ATTN: ROTH CLAYTON 877-552-9283	BELOW GROUND X	ABOVE GROUND
* FORT MASSAC WATER DIST. ATTN: DAVID TRAVIS 618-543-7475	x	
* FRONTIER COMMUNICATIONS ATTN: KALIN HINSHAW 618-895-1515	x	
* CITY OF METROPOLIS ATTN: STONEY BARRETT 618-645-2003	X	
* LIBERTY UTILITIES ATTN: MIKE BEATTY 573-979-0220	X	

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY. (NONE KNOWN)

COMMITMENTS

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
701001-02	OFF-RD MOVING OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD MOVING OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS DAY ONLY
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, & DELINEATORS
780001-05	TYPICAL PAVEMENT MARKINGS
	001006 280001-07 424001-11 442201-03 542301-03 701001-02 701006-05 701011-04 701301-04 701301-04 701301-06 701901-08 720001-01 720006-04 720011-01

RATES OF APPLICATION TABLE

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCU	JLATING PLAN QUANTITIES:
AGGREGATE (SURFACE, BASE, SUBBASE OR BACKFILL)	2.05 TON / CU YD
SUBBASE GRANULAR MATERIAL, TYPE B	2.05 TON / CU YD
HOT-MIX ASPHALT BITUMINOUS MATERIAL (TACK COAT) (ON EXIST PAVEMENT) BITUMINOUS MATERIAL (TACK COAT) (ON HMA LIFTS) BITUMINOUS MATERIAL (PRIME COAT) (AGGREGATE BASE) HOT-MIX ASPHALT SURFACE/ BINDER (112 LB / SQ YD / IN)	0.025 LB / SQ FT 0.25 LB / SQ FT
SEEDING AREAS:	
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE

HMA MIXTURE REQUIREMENTS TABLE

LOCATION	PARK ROADS AND PARKING LOTS	PARK ROADS AND PARKING LOTS	
MIXTURE USE:	HMA BINDER FG CSE LIFT	HMA SURFACE CSE LIFT	
PG	PG 64-22	PG 64-22	1
DESIGN AIR VOIDS	4.0% @ N _{DES} = 70	4.0% @ N _{DES} = 70	
MIXTURE COMPOSITION (GRADATION)	IL 9.5 FG	IL 9.5	
FRICTION AGGREGATE	N/A	MIX C	
MIXTURE WEIGHT	112 LB / SQ YD / IN	112 LB / SQ YD / IN	
QUALITY MANAGEMENT PLAN	QC/QA	QC/QA	
SUBLOT SIZE	N/A	N/A	

/i\ REV. 8-26-2020



USER NAME	= jgrimm		DESIGNED	-	JGG	REVISED	08/25/2020
			DRAWN	-	SRL	REVISED	
PLOT SCALE	= 2.00 ' / in.		CHECKED	-	RPU	REVISED	
PLOT DATE	= 8/25/2020	11:33:55 AM	DATE	-	06/05/2020	REVISED	

				100%	CONS IK. CODE			
					URBAN			
5		i .	Ť	STATE	ROADWAY			
	CODE			TOTAL	0005			
	NO.	ITEM	UNIT	QUANTITY	0005			
	11.7.	1						
	-ANTELLIA	Dr. Dr. Brown W.E. D. Brown D. D. Brown D. D. Brown W. B. D. Brown D. D. Brown		19 120				
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	71	71			
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	164	164			
33					,			
0								
	20200100	EARTH EXCAVATION	CU YD	165	165			
	20800150	TRENCH BACKFILL	CU YD	23	23			
à	20000	THE TOT DAOTATE	00,5					
*	21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	87	87			
- 3								
*	21400100	GRADING AND SHAPING DITCHES	FOOT	1,248	1,248			
13	2 1400 100	GRADING AND SHAFING DITCHES	1001	1,240	1,240			
	25000210	25000210 SEEDING, CLASS 2A ACRE 0.5						
8	05000400	ANTOGORA FEDTUZED MUTDICALT	BOUND	42	40			
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	43	43			
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	43	43			
3	25000600	BOTACOUN FEDTUTED MUTDIENT	POUND	40	40			
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	43	43			
			,	pl 1	:			
	25100115	MULCH, METHOD 2	ACRE	0.5	0.5			
3	00000000	TEURODA DA EDOCION CONTROL OFFINIO	POLIND	40	40			
3	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	48	48			
5				L-				
	28000305	TEMPORARY DITCH CHECKS	FOOT	30	30			
9					1			
9	22222522	WEST AND DIDE DEOTEOTION	5401					
- 2	28000500	INLET AND PIPE PROTECTION	EACH	6	6			
	28100105	STONE RIPRAP, CLASS A3	SQ YD	33	33			
				20	20			
	28200200	FILTER FABRIC	SQ YD	33	33			

			SIAIL		l
				ROADWAY	
CODE			TOTAL	0005	
NO.	ITEM	UNIT	QUANTITY		
35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	366	366	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	19	19	
	, , , , , , , , , , , , , , , , , , , ,	1	1,00	1,5	2
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	43	43	
	, , , , , , , , , , , , , , , , , , , ,				
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	681	681	1
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	87	87	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	416	416	
				·····	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9,487	9,487	
			}	3	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3,605	3,605	
			Cuu	······································	Λ
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	113	113	
40600990	TEMPORARY RAMP	SQ YD	51	51	
				·····	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	85	85 3	
			3	3	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70	TON	1,322	1,322	
			- Committee		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	43	43	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	3,279	3,279	
42400800	DETECTABLE WARNINGS	SQ FT	50	50	
44000100	PAVEMENT REMOVAL	SQ YD	12	12	

*PAY ITEMS WITH SPECIAL PROVISION

CONSTR. CODE

100%

CONSTR. CODE

URBAN

100%

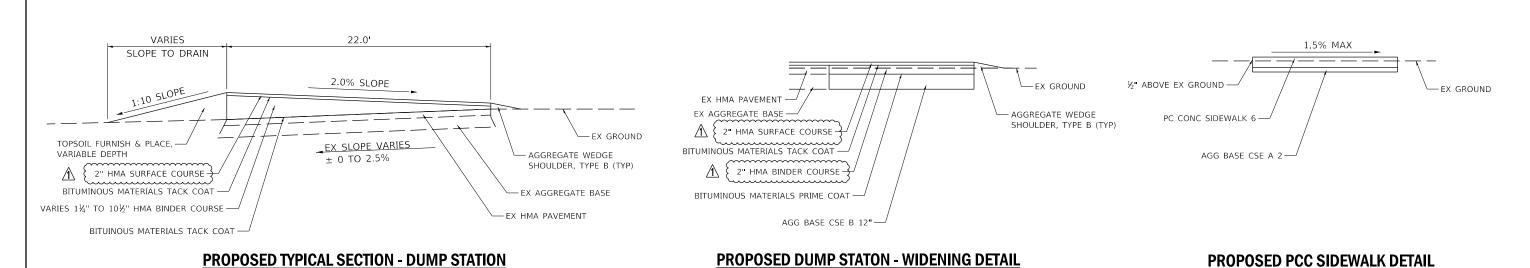
STATE

Farnsworth
GROUP
2211 BRADLEY AVENUE
CHAMPAIGN, ILLINOIS 61821
(217) 352-7408 / info@t-w.com

REVISED DESIGNED JGG DRAWN - SRL REVISED PLOT SCALE = 2.00 '/ in. CHECKED - RPU REVISED PLOT DATE = 6/8/2020 2:52:41 PM DATE - 06/05/2020

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

						•	ANTITIES ATE PARK	
SCALE:	NO SCALE	SHEET	1	OF	2	SHEETS	STA.	TO ST



14.0'

SLOPE VARIES

EX GROUND -

EX AGGREGATE BASE -

2" HMA SURFACE COURSE-

BITUMINOUS MATERIALS PRIME COAT -

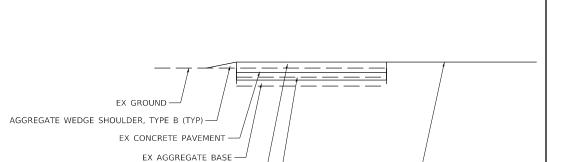
AGGREGATE WEDGE SHOULDER, TYPE B (TYP)

EX GROUND

2" HMA SURFACE COURSE

BITUMINOUS MATERIALS PRIME COAT

AGG BASE CSE B 12"



PCC DRIVEWAY PAVT 8" -

AGG BASE CSE B 6"-

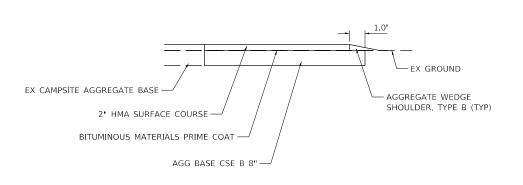
PROPOSED CABIN PARKING DETAIL

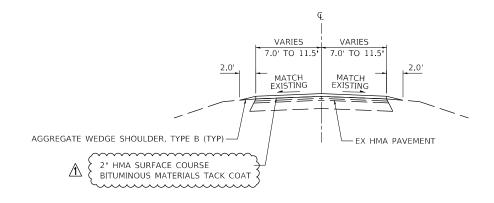
PROPOSED TYPICAL SECTION - CAMPGROUND CAMPSITES AND HOST SITE HMA OVERLAY

PROPOSED DUMPSTER PAD DETAIL

DUMP STATION

IMPROVEMENTS





SCALE: NO SCALE SHEET

PROPOSED CAMGROUND CAMPSITES - WIDENING DETAIL

PROPOSED TYPICAL SECTION - PARK ROADS - HMA RESURFACING

CAMPGROUND ROADS STA. 20+10.87 TO 35+85.04 STA. 40+00.00 TO 52+30.03 STA. 60+00.00 TO 66+36.74

∕ì\ REV. 8-26-2020

Farnsworth	_
GROUP	
2211 BRADLEY AVENUE	
CHAMPAIGN, ILLINOIS 61821	
(217) 352-7408 / info@f-w.com	

USER NAME = jgrimm	DESIGNED	-	JGG	REVISED 08/25/2020
	DRAWN	-	SRL	REVISED
PLOT SCALE = 2.00 '/ In.	CHECKED	-	RPU	REVISED
PLOT DATE = 8/25/2020 11:34:00 AM	DATE	-	06/05/2020	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS							F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	F	A TAC	100	SAC STA	TF PAR	K	***	MASSAC CAMPGROUND	2020	MASSAC	32	5
FORT MASSAC STATE PARK										CONTRAC	ΓNO. 4	6922
r	1	OF	1	SHEETS	STA	TO STA		III INOIS I	EED AII	DDOJECT		

_PDF_H_MONO.ptc/g)18\0180177.15 - IDOT PTB 186-013 Fort Massac\04_Draw

				PAVEMEN	T					
LOCATION	OFFSET	TYPE B 8"	AGGREGATE BASE COURSE, TYPE B 12"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
	LT/RT	35102000	35102400	40600275	40600290	40600982	40600990	40602970	40604052	X4401198
		SQ YD	SQYD	POUND	POUND	SQ YD	SQYD	TON	TON	SQ YD
CAMPSITE #1				228					11	
CAMPSITE #2/PULLOFF PARKING		45		806	9 (40	
CAMPSITE #3				234					12	
CAMPSITE #4		41		330	7				16	
CAMPSITE #6		35		326	1				16	
CAMPSITE #8		47		334	7				17	
CAMPSITE #10		66		336					17	
CAMPSITE #13		36		311				1(16	
CAMPSITE #14		7		223				\rightarrow	11	
CAMPSITE #15				224)			1(11	
CAMPSITE #16		50		328					16	
CAMPSITE #17		64		328)			1/	16	
CAMPSITE #18		50		323	\vdash				16	
CAMPSITE #19		43		329				1/	16	
CAMPSITE #21		53		316	\leftarrow			\vdash	16	
CAMPSITE #21		33		433				1/	22	
CAMPSITE #22				221				+	11	
CAMPSITE #25				> 221	07			>	24	
CAMPSITE #24 CAMPSITE #25					97 86			+(
				220	80			 	21	
CAMPSITE #26		40		220				1(11	
CAMPSITE #29		49		326				\rightarrow	16	
CAMPSITE #31		36		326				1(12	
CAMPSITE #32				239				\rightarrow	16	
CAMPSITE #34				426)			1(22	
CAMPSITE #37				217				\rightarrow	11 <	
CAMPSITE #40				223				1/	11	
CAMPSITE #42				244					12	
DUMP STATION			87	196	465			> 80	84	156
PROPOSED CABIN PARKING				1,339	\vdash	440			67	
STA. 20+10.9 TO 20+35.9	1				\	113		 	140	
STA. 20+10.9 TO 24+03.4					474		F.	1	118	
STA. 20+35.9				/	7.5		51	/	455	
STA. 24+03.4 TO 29+30.0	1				785				195	450
STA. 26+13.0 TO 27+63.0				>	\			>		150
STA. 29+30.0 TO 35+65.0	<u> </u>				491			1	122	
STA. 33+78.7 TO 34+19.6	RT	27		47	5			> 2	2	
STA. 40+46.0 TO 51+90.1				[(801			1(199	
STA. 47+11.3 TO 48+03.6	LT	32		54	5 <			3	3	
STA. 60+42.4 TO 65+95.6				I(387			1(96	
TOTAL		681	87	9,487	3,605	113	51	85	1,322	306
				\wedge \wedge \wedge				\searrow \wedge \wedge		
									\smile \smile $/$	
					<u> </u>	7			<u>/1</u>	7

⚠ REV. 8-26-2020

Farnsworth	
GROUP	
2211 BRADLEY AVENUE	
CHAMPAIGN, ILLINOIS 61821	
(217) 352-7408 / info@f-w.com	

_							
	USER NAME = jgrimm		DESIGNED	-	JGG	REVISED	08/25/2020
			DRAWN	-	SRL	REVISED	
	PLOT SCALE = 2.00 '/ In.		CHECKED	-	RPU	REVISED	
	PLOT DATE = 8/25/2020	11:34:03 AM	DATE	-	06/05/2020	REVISED	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES FORT MASSAC STATE PARK										
4	OF	5	SHEETS	STA	TO STA					

SCALE: NO SCALE SHEET

018017715_Standard Project Pen.tbl

