

Sheet Title Sheet Title					
		TITLE SHEET	\Box		ET TITLE 9 BC1-14
r		INDEX OF SHEETS	H) BC2-14
□r			H		
		INDEX OF SHEETS PROJECT LAYOUT	H		L BC3-14
			H		2 BC4-14
		PROJECT LAYOUT	H		3 BC5-14
		PROJECT LAYOUT			4 BC6-14
		PROJECT LAYOUT			5 BC7-14
		PROPOSED TYPICAL SECTIONS			5 BC8-14
		PROPOSED TYPICAL SECTIONS			7 BC9-14
		PROPOSED TYPICAL SECTIONS			B BC10-14
r		GENERAL NOTES			9 BC11-14
r		GENERAL NOTES			D BC12-14
<u> </u>		GENERAL NOTES			l SLED-19
∟r	11C	GENERAL NOTES			2 TCP2-4-18
<u> </u>		GENERAL NOTES		53	3 TCP6-1-12
∟r	11E	GENERAL NOTES		5 4	1 TCP6-2-12
r	11F	GENERAL NOTES		5 5	5 TCP6-3-12
r	11G	GENERAL NOTES		56	5 TCP6-4-12
r	11H	GENERAL NOTES		5 7	7 TCP6-5-12
r	111	GENERAL NOTES		58	3 TCP6-6-12
r	11J	GENERAL NOTES		5 9	9 TCP6-7-12
□r	11K	GENERAL NOTES		60	TCP6-8-14
□r	11L	GENERAL NOTES		61	L WZBRK-13
r	11M	GENERAL NOTES		62	2 WZRCD-13
r	11N	GENERAL NOTES		63	3 WZSTPM-13
\square r	110	GENERAL NOTES		64	4 WZTD-17
□r	12	ESTIMATE AND QUANTITIES		65	SURVEY CONTROL INDEX
□r	12A	ESTIMATE AND QUANTITIES		66	SURVEY CONTROL
Πr		ESTIMATE AND QUANTITIES			7 SURVEY CONTROL
_ _r		ESTIMATE AND QUANTITIES	$\overline{\Box}$	68	3 SURVEY CONTROL
_ _r		ESTIMATE AND QUANTITIES	\Box		O HORIZONTAL ALIGNMENT DATA
		SUMMARY OF QUANTITIES	$\overline{\Box}$) HORIZONTAL ALIGNMENT DATA
		SUMMARY OF QUANTITIES	$\overline{\Box}$		L VERTICAL ALIGNMENT DATA
		SUMMARY OF QUANTITIES			2 PLAN AND PROFILE
		SUMMARY OF QUANTITIES			PLAN AND PROFILE
Ħ		SUMMARY OF QUANTITIES	Ħ		PLAN AND PROFILE
r		SUMMARY OF QUANTITIES	Ħ		5 PLAN AND PROFILE
		DWU ITEM SUMMARY SHEET	Ħ		5 PLAN AND PROFILE
		SUMMARY OF SMALL SIGNS SOSS	Ħ		7 GRADING PLAN
П		CRASH CUSHION SUMMARY SHEET	П		GRADING PLAN
		TRAFFIC CONTROL PLAN NARRATIVE			PARKING LOT DIMENSION LAYOUT
		TRAFFIC CONTROL PLAN AREA 1	H) PARKING LOT PAVING PLAN
		TRAFFIC CONTROL PLAN AREA 2A	Ħ		L PARKING LOT GRADING PLAN
		TRAFFIC CONTROL PLAN AREA 2B	Ħ		2 PARKING LOT JOINT LAYOUT
			Ħ		
H		TRAFFIC CONTROL PLAN HG 75 GDED DETICAL DIAN	ш	8.3	3 SPECIAL CONCRETE SIDEWALK W INTEGRATED
Ш	41	TRAFFIC CONTROL PLAN US 75 SBFR DETOUR PLAN		0.4	RETAINING WALL DETAILS
	0.0	FOR AREA 2C	H		TRAIL DETAILS
		TRAFFIC CONTROL PLAN AREA 3A	H		5 SIDEWALK DETAILS
		TRAFFIC CONTROL PLAN AREA 3B	닏		5 CONC TRAFFIC BARRIER TYPE STBS1 SPECIAL
		TRAFFIC CONTROL PLAN AREA 3C	닏		7 CONC TRAFFIC BARRIER TYPE STRS SPECIAL
		TRAFFIC CONTROL PLAN AREA 4 STEP 1			3 CCCG-12
		TRAFFIC CONTROL PLAN AREA 4 STEP 2			O CPCD-14
		TRAFFIC CONTROL PLAN AREA 5A STEP 1			CPCD-14
		TRAFFIC CONTROL PLAN AREA 5A STEP 2	닏		l JS-14
		TRAFFIC CONTROL PLAN AREA 5B			2 PED-18
	36	TRAFFIC CONTROL PLAN US 75 NBML DETOUR PLAN			3 PED-18
_		FOR AREA 5B			4 PED-18
	37	TRAFFIC CONTROL PLAN US 75 SBML DETOUR PLAN			5 PED-18
_		FOR AREA 5B		96	5 REPCP-14
	38	TRAFFIC CONTROL PLAN AREA 5C		9 7	7 REPCP-14



	Shoot Title		Chast	T:41.	
	Sheet Title 98 RETAINING WALL KEY MAP	П	Sheet 145		PEDESTRIAN UNDERPASS AT NORTHAVEN
	99 RETAINING WALL QUANTITIES		113		FOUNDATION LAYOUT
	100 RETAINING WALL TYPICAL SECTIONS		146		PEDESTRIAN UNDERPASS AT NORTHAVEN
	101 MSE RETAINING WALL LAYOUT RETWA			TRAIL	ABUTMENT 1 DETAILS
	102 MSE RETAINING WALL LAYOUT RETWB		147	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
	103 MSE RETAINING WALL LAYOUT RETWAB	_		TRAIL	ABUTMENT 16 DETAILS
	104 MSE RETAINING WALL LAYOUT RETWC		148		PEDESTRIAN UNDERPASS AT NORTHAVEN
	105 MSE RETAINING WALL LAYOUT RETWD		1.40		PIERS 2-5, 8, 9, 12, 13 DETAILS
	106 MSE RETAINING WALL LAYOUT RETWOD		149		PEDESTRIAN UNDERPASS AT NORTHAVEN
	107 CONCRETE RETAINING WALL LAYOUT RETWD1 108 MSE RETAINING WALL LAYOUT RETWE	П	150		PIERS 2-5, 8, 9, 12, 13 DETAILS PEDESTRIAN UNDERPASS AT NORTHAVEN
	109 MSE RETAINING WALL LAYOUT RETWE	ш	130		PIERS 6 & 7, 14 & 15 DETAILS
	110 MSE RETAINING WALL LAYOUT RETWEF	П	151		PEDESTRIAN UNDERPASS AT NORTHAVEN
	111 RETAINING WALLS MISC DETAILS INLET TRENCH				PIERS 6 & 7, 14 & 15 DETAILS
	DRAIN 24		152	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
	112 AESTHETIC DETAILS MSE WALL			TRAIL	ARCH PIERS 10 AND 11 DRILLED SHAFT
	113 AESTHETIC DETAILS MSE WALL		153	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
	114 MECHANICALLY STABILIZED EARTH RETAINING WALL			TRAIL	ARCH PIERS 10 AND 11 ELEVATIONS AN
	DESIGN DATA RWMSEDD		154		PEDESTRIAN UNDERPASS AT NORTHAVEN
片	115 RWTRFMOD				ARCH PIERS 10 AND 11 REINFORCEMENT
	116 TYPE PR11MOD	Ш	155		PEDESTRIAN UNDERPASS AT NORTHAVEN
H	117 TYPE PR11MOD 118 RWEM		156		ARCH PIERS 10 AND 11 DETAILS PEDESTRIAN UNDERPASS AT NORTHAVEN
H	110 RWEM 119 RWMSE	ш	130		ARCH PIERS 10 AND 11 TRAFFIC BARRI
	120 RWMSE	П	157		PEDESTRIAN UNDERPASS AT NORTHAVEN
	121 DRAINAGE AREA MAP EXISTING		-5,		ARCH PIERS 10 AND 11 TRAFFIC BARRI
	122 DRAINAGE AREA MAP PROPOSED		158	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
	123 DRAINAGE PLAN AND PROFILE LINE A			TRAIL	ARCH SPAN EXPANSION BEARING DETAIL
	124 DRAINAGE PLAN AND PROFILE LINE B		159	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
	125 DRAINAGE COMPUTATIONS AND LATERALS PROFILES	_		TRAIL	ARCH SPAN RETAINER DETAILS
	126 PAZD		160	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
	127 PB	_			FRAMING PLAN SPANS 1-3
	128 PCO	Ш	161		PEDESTRIAN UNDERPASS AT NORTHAVEN
	129 PCO	П	1.60		107.88' PRESTR CONC GIRDER UNIT SP
	130 SUBSURFACE UTILITY ENGINEERING EXHIBIT 131 SUBSURFACE UTILITY ENGINEERING EXHIBIT	ш	102		PEDESTRIAN UNDERPASS AT NORTHAVEN FRAMING PLAN SPANS 4-6
	132 SUBSURFACE UTILITY ENGINEERING EXHIBIT	П	163		PEDESTRIAN UNDERPASS AT NORTHAVEN
	133 12 WATER MAIN	_	100		97.00' PRESTR CONC GIRDER UNIT SPA
r	133A DWU GENERAL NOTES		164	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
r	134 BRIDGE GENERAL NOTES AND ABBREVIATIONS			TRAIL	FRAMING PLAN SPANS 7-9
r	135 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN		165	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
_	TRAIL SUMMARY OF QUANTITIES			TRAIL	162.92' PRESTR CONC GIRDER UNIT SP
	136 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN		166		PEDESTRIAN UNDERPASS AT NORTHAVEN
	TRAIL BRIDGE LAYOUT	_			FRAMING PLAN SPANS 11 & 12
Ш	137 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	Ш	167		PEDESTRIAN UNDERPASS AT NORTHAVEN
	TRAIL BRIDGE LAYOUT		1.00		122.45' PRESTR CONC GIRDER UNIT SP
	138 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN		168		PEDESTRIAN UNDERPASS AT NORTHAVEN FRAMING PLAN SPANS 13-15
	TRAIL BRIDGE LAYOUT 139 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	П	160		PEDESTRIAN UNDERPASS AT NORTHAVEN
	TRAIL BRIDGE LAYOUT	ш	109		168.00' PRESTR CONC GIRDER UNIT SP
	140 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	П	170		PEDESTRIAN UNDERPASS AT NORTHAVEN
_	TRAIL BRIDGE LAYOUT			TRAIL	
	141 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN		171	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
	TRAIL TYPICAL SECTIONS APPROACH SPANS			TRAIL	ARCH SPAN GEOMETRY AND LAYOUT
	142 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN		172	US 75	PEDESTRIAN UNDERPASS AT NORTHAVEN
_	TRAIL TYPICAL SECTIONS ARCH SPAN	_			ARCH SPAN GEOMETRY AND LAYOUT
	143 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN		173		PEDESTRIAN UNDERPASS AT NORTHAVEN
	TRAIL SUGGESTED ERECTION SEQUENCE	_	.		ARCH SPAN MEMBER FORCES TABLES ARC
Ш	144 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN		174		PEDESTRIAN UNDERPASS AT NORTHAVEN
	TRAIL SUGGESTED ERECTION SEQUENCE			IKATL	ARCH SPAN MEMBER FORCE TABLES CABL



Object 7'th					
	Sheet Title 175 us 75 pedestrian underpass at northaven	Sheet Title 205 us 75 pedestrian underpass at northaven			
	TRAIL ARCH SPAN KNUCKLE JOINT ELEVATION	TRAIL ARCH SPAN DECK BAR BENDS AND TABLE			
Πr		rate arch span beck bar bends and lable 206 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN			
L	TRAIL ARCH SPAN KNUCKLE JOINT NW PLAN, E	TRAIL ARCH SPAN DECK POST-TENSIONING DET			
Пг	·	207 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN KNUCKLE JOINT SW PLAN, E	ROCK CREEK SUMMARY OF QUANTITIES			
	178 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	208 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
_	TRAIL ARCH SPAN KNUCKLE JOINT END PLATE	ROCK CREEK BRIDGE LAYOUT			
П	179 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	209 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
_	TRAIL ARCH SPAN ARCH RIB DETAILS	ROCK CREEK BRIDGE LAYOUT			
	180 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	210 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING GE	ROCK CREEK BRIDGE LAYOUT			
	181 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	211 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING U1	ROCK CREEK TYPICAL SECTION			
	182 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	☐ 212 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING U1	ROCK CREEK FOUNDATION LAYOUT			
	183 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	213 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING U9	ROCK CREEK ABUTMENT 1 DETAILS			
	184 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	214 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING U8	ROCK CREEK ABUTMENT 8 DETAILS			
	185 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	215 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING U7	ROCK CREEK PIERS 2-7 DETAILS			
	186 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	216 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING U6	ROCK CREEK PIERS 2-7 DETAILS			
	187 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	217 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING U5	ROCK CREEK FRAMING PLAN SPANS 1 & 2			
	188 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	218 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING U4	ROCK CREEK 122.50' PRESTR CONC GIRDER			
Ш	189 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	219 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
_	TRAIL ARCH SPAN UPPER LATERAL BRACING U3	ROCK CREEK FRAMING PLAN SPANS 3-5			
Ш	190 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	☐ 220 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
_	TRAIL ARCH SPAN UPPER LATERAL BRACING U2	ROCK CREEK 210.00' PRESTR CONC GIRDER			
	191 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	221 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING U1	ROCK CREEK FRAMING PLAN SPANS 6 & 7			
Ш	192 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	222 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
	TRAIL ARCH SPAN UPPER LATERAL BRACING UL	ROCK CREEK 137.50' PRESTR CONC GIRDER			
Ш	193 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	☐ 223 NORTHAVEN TRAIL PEDESTRIAN BRIDGE AT WHITE			
П.,	TRAIL ARCH SPAN UPPER LATERAL BRACING UL	ROCK CREEK IGND			
r		☐ 224 BMCS			
	TRAIL ARCH SPAN FRAMING PLAN 195 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	☐ 225 PEDESTRIAN RAILING DETAILS RAIL PED☐ 226 PEDESTRIAN RAILING DETAILS RAIL PED			
Ш	TRAIL ARCH SPAN TIE GIRDER DETAILS	220 PEDESTRIAN RAILING DETAILS RAIL PED 227 PEDESTRIAN RAILING DETAILS RAIL PED			
	196 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	228 SEJ-BMOD			
	TRAIL ARCH SPAN TYPICAL FLOORBEAM DETAIL	229 TYPE T80PP-RF MOD			
	197 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	230 TYPE T80PP-RF MOD			
	TRAIL ARCH SPAN TYPICAL FLOORBEAM CONNEC	231 TYPE T80PP-RF MOD			
	198 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	232 TYPE T80PP-RF MOD			
_	TRAIL ARCH SPAN CABLE HANGER GEOMETRY	233 BS-EJCP			
	199 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	☐ 234 CRR			
_	TRAIL ARCH SPAN CABLE HANGER ANCHORAGE D				
	200 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN				
	TRAIL ARCH SPAN CABLE HANGER ANCHORAGE D	☐ 237 IGD			
	201 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	238 IGD			
	TRAIL ARCH SPAN CABLE CONNECTOR DETAILS	☐ 239 IGEB			
	202 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	240 IGEB			
	TRAIL ARCH SPAN DECK PLAN	241 IGEB			
	203 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	242 IGFRP			
_	TRAIL ARCH SPAN DECK SECTION	243 IGFRP			
	204 US 75 PEDESTRIAN UNDERPASS AT NORTHAVEN	244 IGMS			
	TRAIL ARCH SPAN DECK PLACEMENT SEQUENCE	245 IGMS			



ASSACION IN				
	Sheet	Title	_ s	
ᆜ	246	IGSK	r	
	247	IGTS		
	248	MEBRC		
	249	MEBRC		
	250	PCP		
	251	PCP		
	252	PCP		
	253	PCP		
	254	PCP-FAB		
	255	PMDF		
	256	PMDF		
	257	T80PP-TS		
	258	T80PP-TS		
	259	TYPE PR11		
	260	TYPE PR11		
	261	BORING PLAN		
	262	BORING PLAN		
	263	BORING PLAN		
	264	BORING PLAN		
	265	TEST HOLE DATA		
	266	ILLUMINATION PLANS		
	267	ILLUMINATION PLANS		
	268	ILLUMINATION PLANS		
	269	ILLUMINATION TABLES		
	270	ILLUMINATION DETAILS FOR US 75 POLE		
		RELOCATION		
	271	ITS LAYOUT		
	272	SIGNING AND PAVEMENT MARKING LAYOUT		
	273	SIGNING AND PAVEMENT MARKING LAYOUT		
	274	SIGNING AND PAVEMENT MARKING LAYOUT		
	275	SIGNING AND PAVEMENT MARKING LAYOUT		
	276	PAVEMENT MARKING DETAILS		
	277	PAVEMENT MARKING DETAILS		
	278	REMOVABLE BOLLARD DETAIL		
	279	RID2-17MOD		
	280	RIP2-19MOD		
	281	ED1-14		
Ш	282	ED2-14		
Ш		ED3-14		
╚	284	ED4-14		
\sqcup	285	ED5-14		
닏	286	ED6-14		
닏	287	ED9-14		
닏		ITS27-16		
닏		PM1-20		
닏		RID1-17		
닏		RIP1-19		
닏		RIP4-19		
닏		SMDGEN-08		
님		SMDSLIP-1-08DAL		
		SMDSLIP-2-08		
님		SMDSLIP-3-08		
		TSR4-13		
님		STORM WATER POLLUTION PREVENTION PLAN SW3P		
님		STORM WATER POLLUTION PREVENTION PLAN LAYOUT		
님		STORM WATER POLLUTION PREVENTION PLAN LAYOUT		
님		STORM WATER POLLUTION PREVENTION PLAN LAYOUT		
		STORM WATER POLLUTION PREVENTION PLAN LAYOUT		
님		STORM WATER POLLUTION PREVENTION PLAN LAYOUT		
<u></u>	r 304	ENVIRONMENTAL PERMITS, ISSUES AND COMMITMENTS		

S	heet	Title
r	305	ENVIRONMENTAL PERMITS, ISSUES AND COMMITMENTS
	306	EC1-16
	307	EC2-16
	308	EC3-16
	309	EC9-16
	310	EC9-16
	311	EC9-16
	312	SW3P SIGN SHEET DAL
	313	VEGETATION ESTABLISHMENT SHEET DAL
	314	REMOVAL PLAN
	315	REMOVAL PLAN
	316	REMOVAL PLAN
	317	REMOVAL PLAN
	318	ORNAMENTAL STEEL FENCE LAYOUT
	319	ORNAMENTAL STEEL FENCE DETAILS
	320	EXISTING ORNAMENTAL PICKET FENCE
		MODIFICATIONS
	321	EASEMENT & RIGHT OF ENTRY EXHIBIT - WEST OF
		WHITE ROCK CREEK
	322	EASEMENT & RIGHT OF ENTRY EXHIBIT - WEST OF
		WHITE ROCK CREEK
	323	EASEMENT & RIGHT OF ENTRY EXHIBIT - WEST OF
		WHITE ROCK CREEK
	324	EASEMENT & RIGHT OF ENTRY EXHIBIT - WEST OF
		WHITE ROCK CREEK
	325	EASEMENT & RIGHT OF ENTRY EXHIBIT - EAST OF
		WHITE ROCK CREEK