

ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING. SEE PLAN SHEET NO.P.5 FOR ADDITIONAL INFORMATION.

ITEM 204 - PROOF ROLLING 4 HOUR.

ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

1. SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
2. EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. THE EXCAVATION LIMITS ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSUITABLE SUBGRADE. UNSUITABLE SUBGRADE INCLUDES UNSUITABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE, OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO SECTION 204.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS).

IF THERE IS UNSUITABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSUITABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.

3. COMPACT THE SUBGRADE ACCORDING TO C&MS 204.03.

4. APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.

PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO C&MS 204.06.

5. EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO C&MS 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.

6. PROOF ROLL THE STABILIZED AREAS ACCORDING TO C&MS 204.06 TO VERIFY STABILITY.

7. FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

THE QUANTITIES FOR EXCAVATING THE UNSUITABLE SUBGRADE AND UNSTABLE SUBGRADE ARE BOTH PAID UNDER ITEM 204, EXCAVATION OF SUBGRADE.

ITEM 204, EXCAVATION OF SUBGRADE	593 CY
ITEM 204, GRANULAR MATERIAL, TYPE C	593 CY
ITEM 204, GEOTEXTILE FABRIC	1,778 SY

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05

SPECIAL BENCHING

THE FOLLOWING ADDITIONAL EARTHWORK QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY FOR THE PURPOSE OF PERFORMING SPECIAL BENCHING AS SHOWN IN THE CROSS SECTIONS:

ITEM 203, EXCAVATION	28 CY
ITEM 203, EMBANKMENT	28 CY

ITEM SPECIAL - BOLLARD

THIS ITEM SHALL CONSIST OF CONSTRUCTING STEEL BOLLARDS AS PER STANDARD CONSTRUCTION DRAWING RM-5.1. THE BOLLARDS SHALL BE PERMANENT AND NON-HINGED OR NON-REMOVABLE.

PAYMENT FOR THIS WORK, INCLUDING THE CONCRETE FOUNDATION, SHALL INCLUDE ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO PERFORM THE WORK.

ITEM SPECIAL - BOLLARD WITH COVER

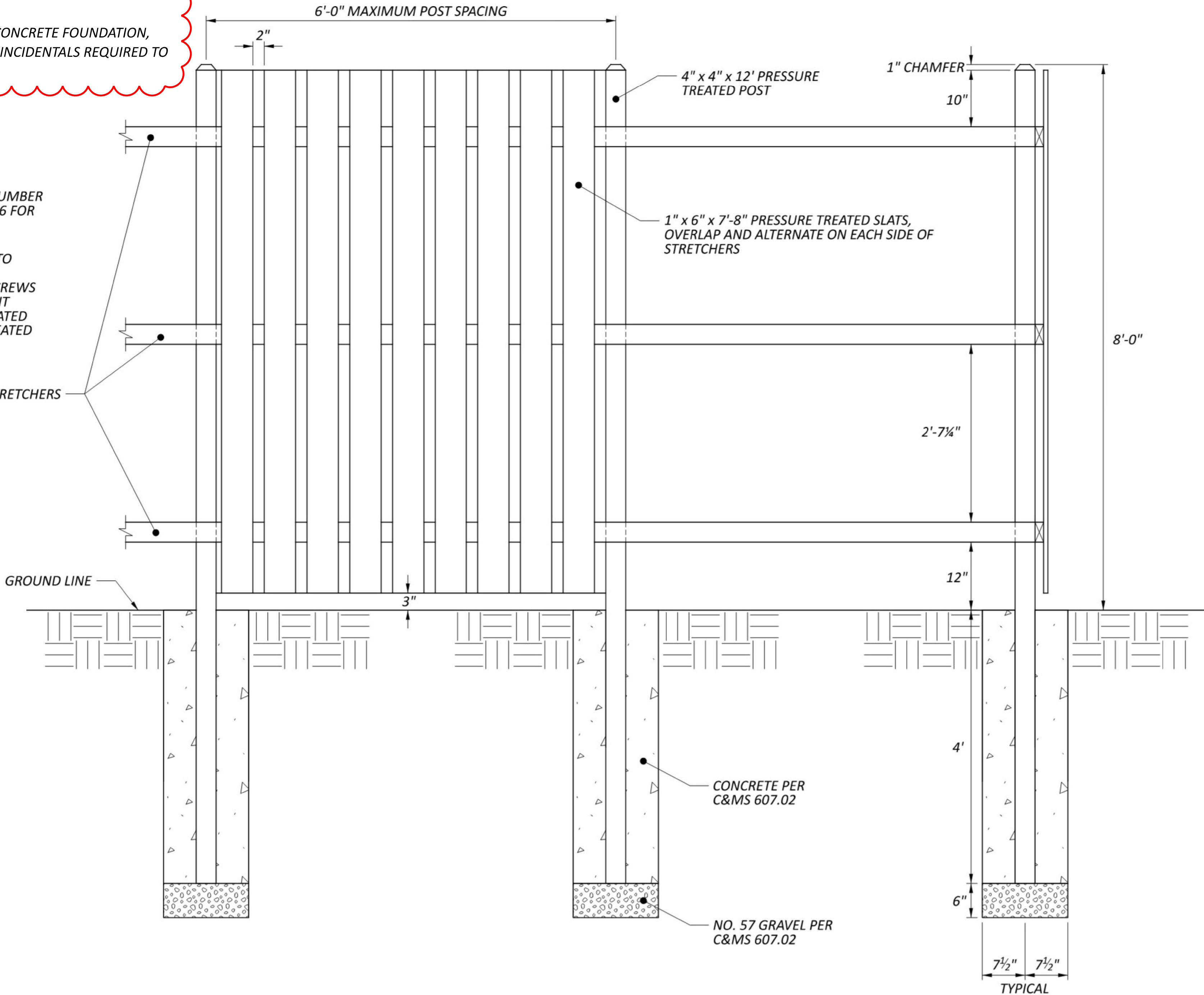
PERMANENT STEEL BOLLARDS SHALL BE INSTALLED PER THE DETAILS AND SPECIFICATIONS SHOWN ON RM-5.1 EXCEPT THAT FULL INSTALLATION SHALL INCLUDE A COVERING OVER THE BOLLARD USING HDPE MATERIAL THAT IS BLACK WITH WHITE REFLECTIVE MARKINGS, THE ACTUAL PRODUCT SHALL BE APPROVED BY THE ENGINEER. FOLLOW ALL MANUFACTURERS RECOMMENDATIONS TO ENSURE PROPER INSTALLATION.

PAYMENT FOR THIS WORK, INCLUDING THE CONCRETE FOUNDATION, SHALL INCLUDE ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO PERFORM THE WORK.

SUPPLY PRESSURE TREATED LUMBER PER C&MS 711.26 AND 712.06 FOR ALL WOOD COMPONENTS.

SUPPLY SCREWS SUFFICIENT TO FIRMLY SECURE THE WOOD COMPONENTS TOGETHER. SCREWS SHALL HAVE A RUST RESISTANT PROTECTIVE COATING AND RATED FOR USE WITH PRESSURE TREATED LUMBER.

2" x 4" PRESSURE TREATED STRETCHERS



ITEM 607 - FENCE MISC.: WOODEN SLAT FENCE

GENERAL NOTES

DESIGN AGENCY	ARCADIS
DESIGNER	MAR
REVIEWER	JDC
PROJECT ID	122888
SHEET	P.7
TOTAL	P.113

MODEL: GENERAL SUMMARY 1 PAPER SIZE: 34x22 (in) DATE: 10/13/2026 TIME: 10:49:16 AM USER: TBuniak
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GENERAL SUMMARY

DESIGN AGENCY

ARCADIS

7515 HUNTINGTON PARK DR. STE. 100
COLUMBUS, OHIO 43235
(614) 955-5100
www.arcadis.com

DESIGNER
MAR

REVIEWER
JDC 05/04/26

PROJECT ID
122888

SHEET P.9	TOTAL P.113
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 ARCADIS 7575 HUNTINGTON PARK DR. STE 100 COLLEGE PARK, MD 20740 (301) 443-2225 (614) 385-4100 www.arcadis.com		GENERAL SUMMARY
DESIGN AGENCY		
DESIGNER	MAR	
REVIEWER		

GAL-US 35 REST AREAS TP

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REF NO.	SHEET NO.	STATION TO STATION		SIDE	252	638	609	609	609	202	202	202	608	202	202	202	202	202	202	202	638	638	638		202	608	SPECIAL
					FULL DEPTH PAVEMENT SAWING	VALVE BOX ADJUSTED TO GRADE	CURB, TYPE 6	CURB, TYPE 7	4" CONCRETE TRAFFIC ISLAND	PAVEMENT REMOVED	PIPE REMOVED, 24" AND UNDER	REMOVAL MISC.:LANDSCAPING REMOVED	CURB RAMP	WALK REMOVED	CATCH BASIN REMOVED	VALVE BOX REMOVED	CURB REMOVED	REMOVAL MISC.:BENCH REMOVED FOR REUSE	REMOVAL MISC.:CONCRETE PLANTER BOX REMOVED FOR REUSE	REMOVAL MISC.:CONCRETE TRASH CAN REMOVED FOR REUSE	FIRE HYDRANT REMOVED AND RESET	4" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS	4" GATE VALVE AND VALVE BOX		REMOVAL MISC.:ROCK CHANNEL PROTECTION REMOVED	6" CONCRETE WALK	BOLLARD WITH COVER
					FT	EACH	FT	FT	SY	SY	FT	SY	SF	SF	EACH	EACH	FT	EACH	EACH	EACH	EACH	FT	EACH		SY	SF	EACH
PV-1	P.21	367+18		LT/RT	26																						
PV-2	P.21	10+32		LT	14																						
PV-3	P.21	368+86	369+34	LT	58																						
PV-4	P.21	29+61	33+00	LT	333																						
PV-5	P.21	370+63	372+50	LT	190																						
WA-1	P.21	367+31		LT		1																					
WA-2	P.21	367+36		LT		1																					
C-1	P.21	368+55	368+75	RT				24																			
C-2	P.21	369+52	370+63	BL				111																			
C-3	P.21	369+22	370+70	LT				260	314																		
C-4	P.21	29+38	32+88	LT				439																			
C-5	P.21	370+63	372+50	RT			187																				
R-1	P.21	367+18	369+33	LT/RT						352																	
R-2	P.21	367+82	368+79	LT						241																	
R-3	P.21	368+56		LT							33				1												
R-4	P.21	368+65		LT/RT							51				1												
R-5	P.21	10+32	11+69	LT/RT						166																	
R-6	P.21	369+33	370+62	LT						188																	
R-7	P.21	370+24	370+70	LT										334			28										
R-8	P.21	371+61		LT							46					1											
R-9	P.21	371+69	372+50	LT/RT										1681			145										
R-10	P.21	371+89		RT															1								
R-11	P.21	370+51	371+06	LT/RT										428													
R-12	P.21	371+81	372+03	RT										127													
R-13	P.21	372+23	372+50	RT													50										
R-14	P.21	371+47		LT															1								
R-15	P.21	371+70		LT																1							
R-16	P.21	368+67	368+96	RT																					19		
R-17	P.21	371+97	372+15	LT								23															
R-18	P.21	29+89	31+39	LT							150				1												
R-19	P.21	372+12		RT															1								
R-20	P.21	370+43		LT																1							
R-21	P.21	372+41	372+50	RT								12															
R-22	P.21	368+96	370+16	RT							129																
R-23	P.21	NOT USED																									
R-24	P.21	370+63	372+50	LT										2137			191										
R-26	P.21	372+37		LT														1									
WA-3	P.21	371+61		LT/RT																	1	5	1				
W-1	P.21	370+63	372+50	RT									582													1796	
W-2	P.21	370+97	371+28	RT										200												200	
W-3	P.21	371+70	371+89	RT										113												113	
W-4	P.21	372+16	372+50	RT										426												426	
F-1	P.21	370+96		RT																							1
F-2	P.21	371+09		RT																							1
F-3	P.21	371+78		RT																							1
F-4	P.21	371+90		RT																							1
F-5	P.21	372+15		RT																							1
F-6	P.21	372+34		RT																							1
TOTALS CARRIED TO GENERAL SUMMARY					621	2	187	834	314	947	409	35	582	5446	3	1	414	1	3	2	1	5	1		19	2535	6

SUBSUMMARY



7575 HUNTING PARK DR, STE 100
COLUMBIA, SC 29223
www.arcadis.com

DESIGN AGENCY

DESIGNER

REVIEWER

PROJECT ID

SHEET

MAR

05/04/26

122888

P.113

GAL-US 35 REST AREAS TP

MODEL: SUB-SUMMARIES_2 PAPER:SIZE: 34x22 (in.) DATE: 10/12/2026 TIME: 3:04:34 PM USER: TBunlak
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REF NO.	SHEET NO.	STATION TO STATION		SIDE	252	609	609	609		202	202	202		202	202	202	202	202	202	202	607	202	202	202	SPECIAL	608	SPECIAL
					FULL DEPTH PAVEMENT SAWING	4" CONCRETE TRAFFIC ISLAND	CURB, TYPE 6	CURB, TYPE 7		PAVEMENT REMOVED	PIPE REMOVED, 24" AND UNDER	REMOVAL MISC.:LANDSCAPING REMOVED		WALK REMOVED	CATCH BASIN REMOVED	FENCE REMOVED	CURB REMOVED	REMOVAL MISC.:BENCH REMOVED FOR REUSE	REMOVAL MISC.:PAVERS REMOVED	REMOVAL MISC.:CONCRETE TRASH CAN REMOVED FOR REUSE	FENCE, MISC.:WOODEN SLAT FENCE	REMOVAL MISC.:GRILL REMOVED FOR REUSE	REMOVAL MISC.:PICNIC TABLE REMOVED FOR REUSE	REMOVAL MISC.:CONCRETE ASHTRAY REMOVED FOR REUSE	BOLLARD	6" CONCRETE WALK	BOLLARD WITH COVER
					FT	SY	FT	FT		SY	FT	SY		SF	EACH	FT	FT	EACH	FT	EACH	FT	EACH	EACH	EACH	EACH	SF	EACH
C-1	P.22	372+50	374+62	RT			240																				
C-2	P.22	372+50	374+06	LT				212																			
C-3	P.22	374+36	376+38			389		334																			
PV-1	P.22	36+01		LT/RT	20																						
PV-2	P.22	372+50	374+25	LT	450																						
PV-3	P.22	377+54			10																						
R-1	P.22	374+10		RT																1							
R-2	P.22	373+57	375+40	LT						36	107				1												
R-3	P.22	373+61	373+88	LT												50											
R-4	P.22	372+52	372+86	RT										375													
R-5	P.22	372+82	373+13	RT										348													
R-6	P.22	372+50	372+66	RT										56			28										
R-7	P.22	372+66	373+06	LT/RT										746		106											
R-8	P.22	372+50	374+39	LT/RT										2548													
R-9	P.22	373+16	373+68	LT/RT										938		61											
R-10	P.22	373+37	373+59	RT										61													
R-11	P.22	374+10		RT						6								1									
R-12	P.22	374+15		RT																	1						
R-13	P.22	375+34	375+39	LT							18				1												
R-14	P.22	375+34	375+60	LT							55				1												
R-15	P.22	373+32		LT																1							
R-16	P.22	373+35		LT														1									
R-17	P.22	373+36		LT																1							
R-18	P.22	374+20		LT/RT						11													1				
R-19	P.22	372+69		RT														1									
R-20	P.22	372+96		RT														1									
R-21	P.22	372+50	376+40	LT						680						522											
R-22	P.22	374+32		LT																1							
R-23	P.22	373+51	373+59	LT/RT						3											1						
R-24	P.22	372+50	372+63	RT								14				33											
R-25	P.22	372+62		RT																				1			
R-26	P.22	376+40	377+54	LT/RT						246																	
R-27	P.22	371+96	373+38	LT/RT															477								
F-1	P.22	34+18	34+46	LT																	50				4		
F-2	P.22	372+81		RT																							1
F-3	P.22	373+07		RT																							1
F-4	P.22	373+25		RT																							1
F-5	P.22	373+50		RT																							1
F-6	P.22	373+63		RT																							1
F-7	P.22	374+28		RT																							1
F-8	P.22	374+38		RT																							1
W-1	P.22	372+50.00	372+59.00	RT																						60	
W-2	P.22	372+71.00	373+07.00	RT																						404	
W-3	P.22	373+08.00	373+25.00	RT																						282	
W-4	P.22	373+51.00	373+67.00	RT																						77	
W-5	P.22	374+28.00	374+37.00	RT																						65	
																										.	
W-6	P.22	372+50.00	374+61.00	RT																						1959	
TOTALS CARRIED TO GENERAL SUMMARY					480	389	240	546		982	180	14		5072	3	50	750	4	477	4	50	1	1	1	4	2847	7

SUBSUMMARY

DESIGNER

MAR

REVIEWER

DC

PROJECT ID

122888

SHEET

P.13

TOTAL

P.113

ARCADIS

1975 HUNTING PARK DR, STE 190
COLUMBIA, SC 29233
www.arcadis.com

GAL-US 35 REST AREAS TP

REF NO.	SHEET NO.	STATION TO STATION		SIDE	252	609	609	609	202	202	202	608	202	202	202	202	202	607	202	202	202	611	608	SPECIAL	SPECIAL		
					FULL DEPTH PAVEMENT SAWING	CURB, TYPE 7	CURB, TYPE 6	4" CONCRETE TRAFFIC ISLAND	PAVEMENT REMOVED	PIPE REMOVED, 24" AND UNDER	REMOVAL MISC.:LANDSCAPING REMOVED	CURB RAMP	WALK REMOVED	CATCH BASIN REMOVED	FENCE REMOVED	CURB REMOVED	REMOVAL MISC.:BENCH REMOVED FOR REUSE	REMOVAL MISC.:PAVERS REMOVED	REMOVAL MISC.:CONCRETE TRASH CAN REMOVED FOR REUSE	FENCE, MISC.:WOODEN SLAT FENCE	REMOVAL MISC.:GRILL REMOVED FOR REUSE	REMOVAL MISC.:PICNIC TABLE REMOVED FOR REUSE	REMOVAL MISC.:CONCRETE ASHTRAY REMOVED FOR REUSE	MANHOLE ADJUSTED TO GRADE	6" CONCRETE WALK	BOLLARD	BOLLARD WITH COVER
					FT	FT	FT	SY	SY	FT	SY	SF	SF	EACH	FT	FT	EACH	FT	EACH	EACH	EACH	EACH	SF	EACH	EACH		
PV-1	P.26	270+39	272+00	RT	161																						
PV-2	P.26	270+16	272+00	RT	289																						
PV-3	P.26	267+20		LT	10																						
PV-4	P.26	20+00		LT/RT	22																						
PV-5	P.26	0+20		LT	10																						
W-1	P.26	269+36	272+00	LT								582											2519				
W-2	P.26	270+00	270+11	LT									47										47				
W-3	P.26	271+02	271+25	LT									63										63				
W-4	P.26	271+38	271+68	LT									539										539				
W-5	P.26	271+68	271+97	LT									74										74				
C-1	P.26	20+57	23+48	RT		346																					
C-2	P.26	268+87	272+00	LT			355																				
C-3	P.26	268+02	269+46	RT		235		253																			
R-1	P.26	268+66	269+64	RT						42				1													
R-2	P.26	269+64	268+71	RT						44				1													
R-3	P.26	269+64	270+89	RT						128				1													
R-4	P.26	268+08	268+41	LT/RT						37																	
R-5	P.26	21+64	21+84	RT					43						60	72											
R-6	P.26	267+20	272+00	LT/RT					1019							300											
R-7	P.26	270+28		LT					12																		
R-8	P.26	270+34		LT					6								1						1				
R-9	P.26	270+38		LT																							
R-10	P.26	270+38		LT																							
R-11	P.26	270+77		LT					12																		
R-12	P.26	271+34		RT																							
R-13	P.26	271+34		LT																							
R-14	P.26	271+28	272+00	LT/RT												235		235									
R-15	P.26	267+98	268+67	LT/RT					140																		
R-16	P.26	271+61	272+00	LT/RT									763														
R-17	P.26	20+78	23+47	RT												300											
R-18	P.26	270+07		RT																							
R-19	P.26	270+00	270+06	LT/RT									277						1								
R-20	P.26	269+52	272+00	RT									2973														
R-21	P.26	271+32		RT														1									
R-22	P.26	270+98	271+60	LT/RT									975														
R-23	P.26	271+10	271+19	LT/RT									30					1					1				
R-24	P.26	271+57	271+90	LT									366														
R-25	P.26	271+83	272+00	LT									124														
R-26	P.26	271+70																1									
F-1	P.26	21+36	21+64	RT															50					4			
F-2	P.26	269+98		LT																					1		
F-3	P.26	270+09		LT																					1		
F-4	P.26	271+11		LT																					1		
F-5	P.26	271+26		LT																					1		
F-6	P.26	271+42		LT																					1		
F-7	P.26	271+69		LT																					1		
F-8	P.26	271+88		LT																					1		
S-1	P.26	269+27.06		RT																		1					
TOTALS CARRIED TO GENERAL SUMMARY					492	581	355	253	1232	251		582	6231	3	60	907	4	235	4	50	1	2	1	1	3242	4	7

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SUBSUMMARY

DESIGN AGENCY
ARCADIS
1755 HUNTINGTON PARK DR STE 100
COLUMBUS, OHIO 43235
(614) 965-9100
www.arcadis.com

DESIGNER
MAR

REVIEWER
DC

PROJECT ID
122888

SHEET TOTAL
P.14 P.113

SUBSUMMARY



ARCADIS

1755 HUNTING PARK DRIVE, STE 100
COLUMBIA, SC 29203
(843) 964-1100
www.arcadis.com

DESIGNER

MAR

REVIEWER

JDC

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122888

SHEET

P.14

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05/04/26

GAL-US 35 REST AREAS TP

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SUBSUMMARY



DESIGN AGENCY
 7915 HUNTINGTON PARK DR, STE 100
 COLUMBUS, OHIO 43235
 (614) 955-5100
www.arcadis.com

DESIGNER

MAR

REVIEWER

JDC 05/04/26

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P.15	P.113