

GENERAL (CONT.)

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 203.05. NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF 203.05.

MONUMENT ASSEMBLIES
CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON SHEET 16 / 66 OF THE R/W PLANS.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR THIS WORK:

ITEM 623 - PRIMARY PROJECT
CONTROL MONUMENT, TYPE B 45 EACH

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS
THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 100 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND THE ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO FILE A NEW FORM 7460-1, ADVISING THE FAA THAT AN AERONAUTICAL STUDY IS BEING RESUBMITTED AND THAT AN ALTERATION TO THE ORIGINAL SUBMISSION IS REQUESTED. THE CONTRACT SHALL REFERENCE THE APPROPRIATE AERONATUTICAL STUDY NUMBER FROM THE FOLLOWING LIST:

OBJECT	STUDY NUMBER	STATUS
BRIDGE 9 CRANE	2024-AGL-11781-OE	WIP
BRIDGE 10 CRANE	2024-AGL-11782-OE	WIP
BRIDGE 11 CRANE	2024-AGL-11783-OE	WIP
BRIDGE 12 CRANE	2024-AGL-11784-OE	WIP
BRIDGE 13 CRANE	2024-AGL-11785-OE	WIP
BRIDGE 14 CRANE	2024-AGL-11786-OE	WIP
ODOT LIGHT TOWER CN1-1	2024-AGL-17499-OE	DNH
ODOT LIGHT TOWER CN1-2	2024-AGL-17498-OE	DNH
ODOT LIGHT TOWER CN1-5	2024-AGL-17492-OE	DNH
ODOT LIGHT TOWER CN1-6	2024-AGL-17491-OE	DNH
ODOT LIGHT TOWER CN1-7	2024-AGL-17505-OE	DNH
ODOT LIGHT TOWER CN2-1	2024-AGL-17493-OE	DNH
ODOT LIGHT TOWER CN2-2	2024-AGL-17494-OE	DNH
ODOT LIGHT TOWER CN3-1	2024-AGL-17495-OE	DNH
ODOT LIGHT TOWER CN3-2	2024-AGL-17496-OE	DNH
ODOT LIGHT TOWER CN3-3	2024-AGL-17497-OE	DNH
ODOT LIGHT TOWER CN3-4	2024-AGL-17504-OE	DNH
ODOT LIGHT TOWER CN3-6	2024-AGL-17503-OE	DNH
ODOT LIGHT TOWER CN4-1	2024-AGL-17504-OE	DNH
ODOT LIGHT TOWER CN4-2	2024-AGL-17501-OE	DNH
ODOT LIGHT TOWER CN4-4	2024-AGL-17500-OE	DNH
ODOT LIGHT TOWER CR1-1	2024-AGL-17490-OE	DNH
ODOT LIGHT TOWER CR1-2	2024-AGL-17487-OE	DNH
ODOT LIGHT TOWER CR1-3	2024-AGL-17489-OE	DNH
ODOT LIGHT TOWER CR1-7	2024-AGL-17506-OE	DNH
ODOT LIGHT TOWER CR1-8	2024-AGL-17488-OE	DNH

WIP = WORK IN PROGRESS
DNH = DETERMINATION OF NO HAZARD TO AIR NAVIGATION

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS
NOTIFY THE ODOT OFFICE OF AVIATION WHEN RESUBMITTING FAA FORM 7460-1. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FAA APPROVAL MAY TAKE UP TO 45 DAYS. ALL SUBMISSIONS SHALL BE DIRECTED TO THESE OFFICES:

FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGIONAL OFFICE
OBSTRUCTION EVALUATION GROUP
10101 HILLWOOD PARKWAY
FORT WORTH, TX 76177
FAX: (817) 222-5920
HTTP://CEAAA.FAA.GOV

OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF AVIATION
2829 WEST DUBLIN-GRANVILLE ROAD
COLUMBUS, OHIO 43235
OHIO.AIRPORT.PROTECTION@DOT.OHIO.GOV

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PRIVATE-USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT, AT MAXIMUM OPERATING HEIGHT, SHALL EXCEED A HEIGHT OF 100 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, COORDINATION WITH THE AIRPORT OWNER AND THE ODOT OFFICE OF AVIATION WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. FOR PRIVATE USE AIRPORTS OR HELIPORTS, COORDINATE WITH THE AIRPORT OWNER AND THE ODOT OFFICE OF AVIATION.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL COORDINATION IS MET AND DOCUMENTATION HAS BEEN FURNISHED TO THE PROJECT ENGINEER. IF COORDINATION IS NOT OBTAINED, THEN THE PROJECT ENGINEER WILL HAVE THE AUTHORITY TO PROVIDE RESTRICTIONS AS REQUIRED.

ST. VINCENT CHARITY HOSPITAL HELPIAD
2351 EAST 22ND STREET,
CLEVELAND, OHIO 44115
(216) 363-2691 EXT. 1

FENCE LENGTHS
THE LENGTHS OF FENCE SHOWN IN THE PLANS ARE HORIZONTAL DIMENSIONS. MEASUREMENTS OF THE FINAL QUANTITIES WILL BE IN ACCORDANCE WITH ITEM 607.

ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING
CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

- SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
- 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.

- COMPACT THE SUBGRADE ACCORDING TO C&MS 204.03.

ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING
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.

- 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.

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

- FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

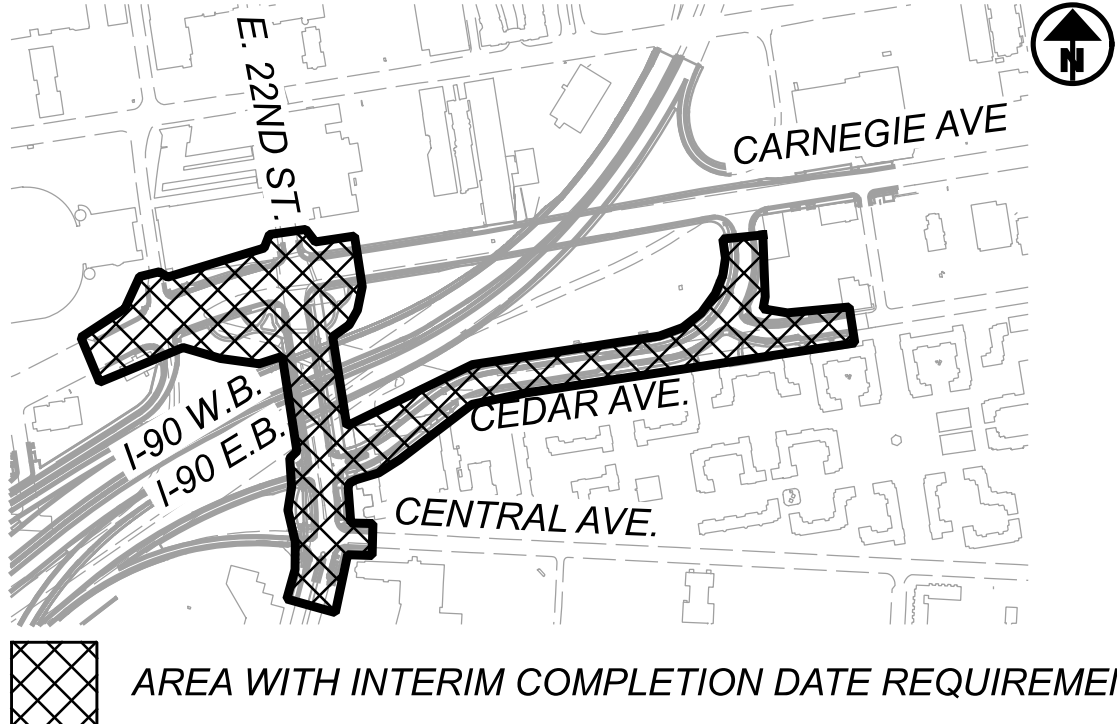
THE QUANTITIES FOR EXCAVATING THE UNSUITABLE SUBGRADE AND UNSTABLE SUBGRADE ARE BOTH PAID UNDER ITEM 204, EXCAVATION OF SUBGRADE.

ITEM 206 - CEMENT STABILIZED SUBGRADE
THE CEMENT STABILIZED SUBGRADE IS REQUIRED AS PART OF THE STRUCTURAL DESIGN OF THE PAVEMENT. ANY CHANGES TO THE STABILIZATION MAY REQUIRE ADDITIONAL PAVEMENT THICKNESS. CONTACT THE OFFICE OF PAVEMENT ENGINEERING PRIOR TO ANY NON-PERFORMANCE OR CHANGES TO THE CEMENT STABILIZED SUBGRADE.

COOPERATION BETWEEN CONTRACTORS
THE CONTRACTOR SHALL COOPERATE AND COORDINATE OPERATIONS WITH THE CONTRACTORS ON OTHER PROJECTS THAT MAY BE IN FORCE DURING THE LIFE OF THIS CONTRACT INCLUDING BUT NOT LIMITED TO:
CUY-490-0.00 (PID 107408)
CUY-77-11.11 (PID 21788)
CUY-77-11.21 (PID 105743)
CUY-77-15.46 (PID 119380)
CUY-90-19.77/VAR RAMPS (PID 119642)
CARNEGIE AVENUE REHABILITATION PHASE 3 - E 9TH TO E 55TH
NO WAIVER OF ANY PROVISIONS OF 105.08 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS IS INTENDED.

CONTRACTORS EQUIPMENT AND OPERATION
ALL VEHICLES AND EQUIPMENT MUST BE EQUIPPED WITH AT LEAST ONE FLASHING, ROTATING, OR OSCILLATING AMBER LIGHT THAT IS VISIBLE IN ALL DIRECTIONS OF TRAFFIC FOR AT LEAST ONE QUARTER MILE, DAY OR NIGHT. THIS INCLUDES TRUCKS HAULING ASPHALT AND CONCRETE. UNLESS BEHIND CONCRETE BARRIER, THE CONTRACTOR'S EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAFFIC ONLY.

INTERIM COMPLETION DATE
FOR THE CITY STREET NETWORK SHOWN BELOW (CARNEGIE, CEDAR, E 22ND AND MIDTOWN CONNECTOR), ALL WORK, INCLUDING LANDSCAPE, HARDSCAPE, AND BRIDGE AESTHETICS, SHALL BE COMPLETE BY OCTOBER 31, 2028. UPON ODOT'S FINAL ACCEPTANCE OF THIS AREA, THE 24 MONTH LANDSCAPE GUARANTEE PERIOD (PAID AS PART OF ITEM SPECIAL - CLEVELAND PLANTING) SHALL BEGIN.



AREA WITH INTERIM COMPLETION DATE REQUIREMENTS

ROADWAY

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL
WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

ITEM 202 - BRIDGE TERMINAL ASSEMBLY REMOVED, AS PER PLAN
THIS ITEM SHALL MEET ALL THE SPECIFICATIONS OF ITEM 202 EXCEPT THAT THE EXISTING BRIDGE TERMINAL ASSEMBLY TO BE REMOVED IS BARRIER DESIGN.

ITEM 202 - BUILDING DEMOLISHED (103-13-019 / 320-WL)
THIS ITEM SHALL CONSIST OF THE DEMOLITION OF THE PARKING LOT SECURITY BOOTH AND DECK ON PARCEL 103-13-019 / 320-WL.

ITEM 202 - BUILDING DEMOLISHED, AS PER PLAN (103-26-003 / 303)
SIGNIFICANT EXCAVATION IS PROPOSED ON SITE 103-26-003 / 303, LOCATION OF FORMER INDEPENDENT TOWEL BUILDING. BUILDING WAS DEMOLISHED IN ACCORDANCE WITH ODOT 202, AND FOUNDATIONS ARE LIKELY PRESENT BENEATH GROUND LEVEL FOR THE ENTIRE BUILDING FOOTPRINT. IN THE EVENT STRUCTURES ARE ENCOUNTERED, THE CONTRACTOR SHALL REMOVE ALL STRUCTURES WITHIN THE LIMITS OF EXCAVATION PER C&MS 202, PAID UNDER THIS LUMP SUM PAY ITEM.

ITEM 202 - BUILDING DEMOLISHED, AS PER PLAN
(103-26-003 / 303) LS

ITEM 202 - REMOVAL MISC: BILLBOARD
ITEM 202 - REMOVAL MISC: BOLLARD
ITEM 202 - REMOVAL MISC: DELINEATOR CURB
ITEM 202 - REMOVAL MISC: PORTABLE BARRIER
ITEM 202 - REMOVAL MISC: UTILITY POLE
ITEM 202 - REMOVAL MISC.: PAY BOX
REMOVE AND DISPOSE OF THESE ITEMS ACCORDING TO ITEM 202. BACKFILL ANY CAVITIES CREATED BY THE REMOVAL PER 202.02.

ITEM 202 - REMOVAL MISC: BURIED TRACK
IT IS ANTICIPATED THAT OLD STREETCAR TRACKS ARE BURIED UNDER THE EXISTING ASPHALT ON CEDAR AVENUE AND EAST 22ND STREET AND WILL REQUIRE REMOVAL AS PART OF THIS PROJECT. THE EXACT LOCATION, LIMITS, AND TYPE OF TRACK IS UNKNOWN.

THE UNIT PRICE PER FOOT FOR THIS ITEM SHALL INCLUDE THE REMOVAL AND DISPOSAL OF THE FULL DEPTH OF TRACK. PAYMENT WILL INCLUDE REMOVAL OF BRICK PAVERS, UNDERDRAINS, TIES AND ANGLES OR OTHER HARDWARE, RAIL, BALLAST AND THE BASE, COMPLETE.

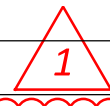
ANY PART OF THE TRACK WHICH IS BELOW THE PROPOSED SUBGRADE SHALL BE REMOVED AND BACKFILLED PER CMS 202.02. ANY ADDITIONAL EXCAVATION OR EMBANKMENT REQUIRED BETWEEN THE BOTTOM OF THE TRACK BASE AND THE PROPOSED SUBGRADE WILL ALSO BE INCLUDED IN THE UNIT PRICE PER FOOT FOR THIS ITEM.

THE FOLLOWING CONTINGENCY ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. PAYMENT FOR ACTUALLY COMPETED AND ACCEPTED QUANTITIES SHALL BE MADE AT THE CONTRACT UNIT PRICE BID FOR:

ITEM 202 - REMOVAL MISC: BURIED TRACK 1,000 FT

ITEM 202 - REMOVAL MISC: CONCRETE STRUCTURES
REMOVE AND DISPOSE OF REINFORCED CONCRETE PAD (864 CY) AND VAULT 5' DEEP (6' X 4' PRECAST) ACCORDING TO ITEM 202. BACKFILL ANY CAVITIES CREATED BY THE REMOVAL PER 202.02.

DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	JTH
REVIEWER	KGJ 05/10/24
PROJECT ID	82382
SHEET	TOTAL
74	2696

SHEET NUMBER														PARTICIPATION			ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
427	435	470	471	489	1399								01/IMS /04	02/IMS /10	03/IMS /08								
																					ROADWAY		
LS													LS					201	11000	LS		CLEARING AND GRUBBING	
				133744									133744					202	23000	133744	SY	PAVEMENT REMOVED	
				101667									101667					202	30000	101667	SF	WALK REMOVED	
				509									509					202	30600	509	SY	CONCRETE MEDIAN REMOVED	
1510				4595									6105					202	30700	6105	FT	CONCRETE BARRIER REMOVED	
				714									714					202	30800	714	SY	TRAFFIC ISLAND REMOVED	
				23863									23863					202	32000	23863	FT	CURB REMOVED	
				7065									7065					202	35100	7065	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
				609									609					202	35200	609	FT	PIPE REMOVED, OVER 24" DIAMETER	
				6379									6379					202	38000	6379	FT	GUARDRAIL REMOVED	
				1									1					202	42000	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE A	
				2									2					202	42010	2	EACH	ANCHOR ASSEMBLY REMOVED, TYPE E	
				7									7					202	42040	7	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T	
				2									2					202	42050	2	EACH	ANCHOR ASSEMBLY REMOVED, TYPE B	
				6									6					202	47000	6	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
				1									1					202	47001	1	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED, AS PER PLAN	74
				2									2					202	47800	2	EACH	IMPACT ATTENUATOR REMOVED	
				15									15					202	58000	15	EACH	MANHOLE REMOVED	78
				63									63					202	58100	63	EACH	CATCH BASIN REMOVED	78
				21									21					202	58200	21	EACH	INLET REMOVED	78
				11									11					202	58400	11	EACH	INLET ABANDONED	78
				21									21					202	58500	21	EACH	CATCH BASIN ABANDONED	78
				9									9					202	58700	9	EACH	MANHOLE ABANDONED	78
				2317									2317					SPECIAL	202E70000	2317	FT	FILL AND PLUG EXISTING CONDUIT (12" AND UNDER)	78
				1186									1186					SPECIAL	202E70000	1186	FT	FILL AND PLUG EXISTING CONDUIT (15")	78
				510									510					SPECIAL	202E70000	510	FT	FILL AND PLUG EXISTING CONDUIT (18")	78
				51									51					SPECIAL	202E70000	51	FT	FILL AND PLUG EXISTING CONDUIT (21")	78
				255									255					SPECIAL	202E70000	255	FT	FILL AND PLUG EXISTING CONDUIT (24")	78
				334									334					SPECIAL	202E70000	334	FT	FILL AND PLUG EXISTING CONDUIT (27")	78
				48									48					SPECIAL	202E70000	48	FT	FILL AND PLUG EXISTING CONDUIT (30")	78
				361									361					SPECIAL	202E70000	361	FT	FILL AND PLUG EXISTING CONDUIT (36")	78
				475									475					SPECIAL	202E70000	475	FT	FILL AND PLUG EXISTING CONDUIT (66")	78
				349									349					SPECIAL	202E70000	349	FT	FILL AND PLUG EXISTING CONDUIT (NO. 8 BR)	78
				10915									10915					202	75000	10915	FT	FENCE REMOVED	
				13									13					202	75250	13	EACH	GATE REMOVED	
																							
				2									2					202	98100	2	EACH	REMOVAL MISC.: BILLBOARD	74
				26									26					202	98100	26	EACH	REMOVAL MISC.: BOLLARD	74
				2									2					202	98100	2	EACH	REMOVAL MISC.: CONCRETE STRUCTURES	74
				1									1					202	98100	1	EACH	REMOVAL MISC.: PAY BOX	74
				1									1					202	98100	1	EACH	REMOVAL MISC.: UTILITY POLE	74
1000													1000					202	98200	1000	FT	REMOVAL MISC.: BURIED TRACK	74
				266									266					202	98200	266	FT	REMOVAL MISC.: DELINEATOR CURB	74
				264									264					202	98200	264	FT	REMOVAL MISC.: PORTABLE BARRIER	74
				345447									345447					203	10000	345447	CY	EXCAVATION	
				34789									34789					203	10001	34789	CY	EXCAVATION, AS PER PLAN	75
				86656									86656					203	20000	86656	CY	EMBANKMENT	
				27322									27322					203	20001	27322	CY	EMBANKMENT, AS PER PLAN	75
				99839									99839					203	98000	99839	CY	ROADWAY, MISC.: EPS GEOFOAM FILL	75
					84													203	98100	194	SY	ROADWAY, MISC.: REINFORCED TURF	75
													69568					204	10000	69568	SY	SUBGRADE COMPACTION	74
3100				272									3372					204	13000	3372	CY	EXCAVATION OF SUBGRADE	
3100				272									3372					204	30010	3372	CY	GRANULAR MATERIAL, TYPE B	
				76									76					204	45000	76	TON	PROOF ROLLING	74
9300				498									9798					204	50000	9798	SY	GEOTEXTILE FABRIC	
				1847									1847					206	10500	1847	TON	CEMENT	
				75313									75313					206	11000	75313	SY	CURING COAT	
				75601									75601					206	15010	75601	SY	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP	74
													LS					206	30000	LS		MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS	
	8772.2												8772.2					606	15050	8772.2	FT	GUARDRAIL, TYPE MGS	

GENERAL SUMMARY - 1

DESIGN AGENCY

Michael BakerINTERNATIONAL

DESIGNER

KJM

REVIEWER

KGJ 05/22/24

PROJECT ID

82382

SHEET

403

TOTAL

2696

SHEET NUMBER														PARTICIPATION			ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
120	427	428	429	435	459	470	1806	1839						01/IMS /04	02/IMS /10	03/IMS /08																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

GENERAL SUMMARY - 3

SHEET NUMBER														PARTICIPATION			ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
122	427	435	442	443	447	457	470	1399						01/IMS /04	02/IMS /10	03/IMS /08							
DRAINAGE (CONT.)																							
1			5											6				611	98370	6	EACH	CATCH BASIN, NO. 6	
			3											3				611	98371	3	EACH	CATCH BASIN, NO. 6, AS PER PLAN	1166
			2		1									3				611	98371	3	EACH	CATCH BASIN, NO. 6, AS PER PLAN 2	1163
			1											1				611	98371	1	EACH	CATCH BASIN, NO. 6, AS PER PLAN 3	1172
			8											8				611	98410	8	EACH	CATCH BASIN, NO. 8	
				2	1									3				611	98411	3	EACH	CATCH BASIN, NO. 8, AS PER PLAN 2	1163
				1										1				611	98450	1	EACH	CATCH BASIN, NO. 2-2A	
					1									1				611	98451	1	EACH	CATCH BASIN, NO. 2-2A, AS PER PLAN 2	1163
14				7										21				611	98470	21	EACH	CATCH BASIN, NO. 2-2B	
	4				5									9				611	98471	9	EACH	CATCH BASIN, NO. 2-2B, AS PER PLAN	1171
				1	4									5				611	98471	5	EACH	CATCH BASIN, NO. 2-2B, AS PER PLAN 2	1163
				6										6				611	98504	6	EACH	CATCH BASIN, NO. 2-2C	
				2										2				611	98511	2	EACH	CATCH BASIN, NO. 2-3, AS PER PLAN 2	1163
					2									2				611	98630	2	EACH	CATCH BASIN ADJUSTED TO GRADE	
					1									1				611	98634	1	EACH	CATCH BASIN RECONSTRUCTED TO GRADE	
				8										8				611	99100	8	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B1	
				1										1				611	99104	1	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C	
				4										4				611	99110	4	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C1	
				5										5				611	99111	5	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C1, AS PER PLAN	1173
				9										9				611	99114	9	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D	
				3										3				611	99115	3	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D, AS PER PLAN	1164
				1										1				611	99115	1	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D, AS PER PLAN 2	1163
15				22										37				611	99574	37	EACH	MANHOLE, NO. 3	
	4				27									31				611	99575	31	EACH	MANHOLE, NO. 3, AS PER PLAN	1170
				5	4									9				611	99575	9	EACH	MANHOLE, NO. 3, AS PER PLAN 2	1163
				5										5				611	99575	5	EACH	MANHOLE, NO. 3, AS PER PLAN 3	1163
				1										1				611	99586	1	EACH	MANHOLE, NO. 3 WITH 108" BASE I.D. AND 12" WEIR	
		73		3	16									92				611	99654	92	EACH	MANHOLE ADJUSTED TO GRADE	
								2						2				611	99655	2	EACH	MANHOLE ADJUSTED TO GRADE, AS PER PLAN, WATER MANHOLE	1384
				1	2									3				611	99660	3	EACH	MANHOLE RECONSTRUCTED TO GRADE	
					2									2				611	99661	2	EACH	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN	1163
				2	1									3				611	99661	3	EACH	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN 2	1163
		23												23			SPECIAL	611E99700	23	EACH	GAS VALVE BOX ADJUSTED TO GRADE	80	
						7								7				611	99710	7	EACH	PRECAST REINFORCED CONCRETE OUTLET	
	10000													10000			SPECIAL	611E99820	10000	LB	MISCELLANEOUS METAL	80	
				3										3				611	99900	3	EACH	DRAINAGE STRUCTURE, MISC.: FLOW RESTRICTOR OUTLET	1161
488				501										989				839	29000	989	FT	TRENCH DRAIN, TYPE A WITH STANDARD GRATE	
				1										1				895	10040	1	EACH	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 4	79
					459									459				899	10001	459	FT	CURED-IN-PLACE PIPE LINER, AS PER PLAN, NO. 6 EGG-SHAPED	1365
					656									656				899	10001	656	FT	CURED-IN-PLACE PIPE LINER, AS PER PLAN, NO. 7 EGG-SHAPED	1365
					413									413				899	10001	413	FT	CURED-IN-PLACE PIPE LINER, AS PER PLAN, NO. 10 EGG-SHAPED	1365
					270									270				899	10001	270	FT	CURED-IN-PLACE PIPE LINER, AS PER PLAN, NO. 11 EGG-SHAPED	1365
					595									595				899	10001	595	FT	CURED-IN-PLACE PIPE LINER, AS PER PLAN, NO. 12 EGG-SHAPED	1365
PAVEMENT																							
	480													480				251	01030	480	CY	PARTIAL DEPTH PAVEMENT REPAIR (442)	80
	400													400				251	01031	400	CY	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN	80
								1000						1000				252	01500	1000	FT	FULL DEPTH PAVEMENT SAWING	
	64786													64786				254	01000	64786	SY	PAVEMENT PLANING, ASPHALT CONCRETE (1.5")	
	38540													38540				254	01000	38540	SY	PAVEMENT PLANING, ASPHALT CONCRETE (3")	
	56010							15080						71090				254	01000	71090	SY	PAVEMENT PLANING, ASPHALT CONCRETE (3.25")	
	2800													2800				255	11001	2800	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLAN A	80
	2800													2800				255	11001	2800	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLAN B	80
	3850													3850				255	11001	3850	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLAN C	80
								54						54				301	56000	54	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
								26792						26792				302	56000	26792	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
								24105						24105				304	20000	24105	CY	AGGREGATE BASE	
								36530						36530				305	13011	36530	SY	9" CONCRETE BASE, CLASS QC 1P, AS PER PLAN	80
								31348						45651				407	20000	45651	GAL	NON-TRACKING TACK COAT	
	14303							13						13				441	50000	13	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	

GENERAL SUMMARY - 4

DESIGN AGENCY

Michael Baker International

DESIGNER
KJM

REVIEWER
KGJ 05/22/24

PROJECT ID
82382

SHEET TOTAL
406 2696

SHEET NUMBER														PARTICIPATION			ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
427	428	443	470	1399	1839								01/IMS /04	02/IMS /10	03/IMS /08																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

GENERAL SUMMARY - 5	
DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	
KJM	
REVIEWER	
KGJ 05/22/24	
PROJECT ID	
82382	
SHEET	TOTAL
407	2696

MODEL: Sheet06 PAPERSIZE: 34x22 (in.) DATE: 9/9/2025 TIME: 11:37:57 AM USER: Joseph.Hogan
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SHEET NUMBER														PARTICIPATION			ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1399	1400	1688	1689										01/IMS /04	02/IMS /10	03/IMS /08																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

GENERAL SUMMARY - 6	
DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	
KJM	
REVIEWER	
KGJ 05/22/24	
PROJECT ID	
82382	
SHEET	TOTAL
408	2696

SHEET NUMBER													PARTICIPATION			ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET	
1688	1689	1782											01/IMS /04	02/IMS /10	03/IMS /08								
																						LIGHTING (CONT.)	
	17												17				625	27503	17	EACH	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN (CPP LED WALLPACK)	1686	
	51												51				625	27551	51	EACH	LUMINAIRE, DECORATIVE, AS PER PLAN (15' POLES)	1686	
	33												33				625	27551	33	EACH	LUMINAIRE, DECORATIVE, AS PER PLAN (30' POLES)	1686	
5990	4691												10681				625	29000	10681	FT	TRENCH		
	8												8				625	29900	8	EACH	JUNCTION BOX		
4													4				625	29930	4	EACH	MEDIAN JUNCTION BOX		
26													26				625	30700	26	EACH	PULL BOX, 725.08, 18"		
8	4												12				625	30706	12	EACH	PULL BOX, 725.08, 24"		
4													4				625	30731	4	EACH	PULL BOX, 725.08, 48", TYPE 1, AS PER PLAN	1685	
	10												10				625	31510	10	EACH	PULL BOX REMOVED		
17													17				625	31511	17	EACH	PULL BOX REMOVED, AS PER PLAN	1685	
	13												13				625	31600	13	EACH	PULL BOX, MISC.: 6" X 6" PULL BOX	1687	
	87												87				625	31600	87	EACH	PULL BOX, MISC.: 13" X 24" PULL BOX	1687	
1													1				625	31600	1	EACH	PULL BOX, MISC.: 18" PULL BOX ADJUSTED TO GRADE	1685	
46	113												159				625	32000	159	EACH	GROUND ROD		
6													6				625	33000	6	EACH	STRUCTURE GROUNDING SYSTEM		
2	3												5				625	34001	5	EACH	POWER SERVICE, AS PER PLAN	1684	
2													2				625	34450	2	EACH	CONTROL CENTER CABINET, COMPLETE		
	1												1				625	34451	1	EACH	CONTROL CENTER CABINET, COMPLETE, AS PER PLAN	1687	
5990	4691												10681				625	36010	10681	FT	UNDERGROUND WARNING/MARKING TAPE		
11	7												18				625	37101	18	EACH	SERVICE TO UNDERPASS LIGHTING, AS PER PLAN	1684	
LS													LS				SPECIAL	625E40000	LS		MAINTAIN EXISTING LIGHTING	1684	
20													20				SPECIAL	625E40010	20	EACH	REPLACEMENT OF EXISTING LIGHTING UNIT	1684	
21													21				625	75350	21	EACH	LIGHT TOWER REMOVED		
	96												96				625	75400	96	EACH	LIGHT POLE REMOVED		
	20												20				625	75500	20	EACH	LIGHT POLE FOUNDATION REMOVED		
	10												10				625	75506	10	EACH	LUMINAIRE REMOVED		
2													2				625	75510	2	EACH	POWER SERVICE REMOVED		
21													21				625	75540	21	EACH	LIGHT TOWER FOUNDATION REMOVED		
	10												10				625	75801	10	EACH	DISCONNECT CIRCUIT, AS PER PLAN	1687	
1													1				625	98000	1	EACH	LIGHTING, MISC.: RELOCATE EX. CONTROL CENTER	1685	
7	19												26				625	98000	26	EACH	LIGHTING, MISC.: TEST NEW CIRCUIT	1684	
	1503												1503				632	69300	1503	FT	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG		
	53												53				632	89300	53	EACH	WOOD POLE		
		13704											13704				625	23308	13704	FT	DISTRIBUTION CABLE, MISC.: 500KCMIL 15KV CU WITH CONCENTRIC NEUTRAL	1778	
		5311											5311				625	23308	5311	FT	DISTRIBUTION CABLE, MISC.: 556KCMIL 15KV SPACER CABLE WITH 0052 AWA MESSENGER	1778	
		6528											6528				625	25721	6528	FT	CONDUIT, AS PER PLAN, 5", 725.04	1787	
		272											272				625	25803	272	FT	CONDUIT, CONCRETE ENCASED, AS PER PLAN (2-5" CONDUIT, 725.051)	1777	
		368											368				625	25803	368	FT	CONDUIT, CONCRETE ENCASED, AS PER PLAN (5-5" CONDUIT, 725.051)	1777	
		391											391				625	25803	391	FT	CONDUIT, CONCRETE ENCASED, AS PER PLAN (7-5" CONDUIT, 725.051)	1777	
		652											652				625	25803	652	FT	CONDUIT, CONCRETE ENCASED, AS PER PLAN (9-5" CONDUIT, 725.051)	1777	
		8325											8325				625	25911	8325	FT	CONDUIT CLEANED AND CABLES REMOVED, AS PER PLAN	1787	
		30											30				625	32001	30	EACH	GROUND ROD, AS PER PLAN	1779	
		196											196				625	98000	196	EACH	LIGHTING, MISC.: 15KV IN-LINE SPLICE	1777	
		12											12				625	98000	12	EACH	LIGHTING, MISC.: 24" SPACER CABLE TANGENT BRACKET	1779	
		1											1				625	98000	1	EACH	LIGHTING, MISC.: DEAD-END ASSEMBLY	1779	
		1											1				625	98000	1	EACH	LIGHTING, MISC.: DOUBLE DEAD-END ASSEMBLY	1779	
		4											4				625	98000	4	EACH	LIGHTING, MISC.: JOINT-USE CONDUIT RISER	1779	
		18											18				625	98000	18	EACH	LIGHTING, MISC.: JOINT-USE MESSENGER ASSEMBLY	1779	
		24											24				625	98000	24	EACH	LIGHTING, MISC.: PRIMARY CONDUIT RISER	1779	
		24											24				625	98000	24	EACH	LIGHTING, MISC.: SPACER CABLE DEADEND ASSEMBLY	1779	
		26											26				625	98000	26	EACH	LIGHTING, MISC.: SPACER CABLE TO SPACER CABLE DOUBLE DEADEND ASSEMBLY	1779	
		1											1				625	98000	1	EACH	LIGHTING, MISC.: TWO-WAY BUCK	1779	
		1538											1538				632	69350	1538	FT	POWER CABLE, MISC.: NO. 2 / 0 AWG CU 15KV OPEN WIRE	1778	
		1											1				632	89300	1	EACH	WOOD POLE (40' CLASS III)		
		1											1				632	89300	1	EACH	WOOD POLE (45' CLASS III)		
		17											17				632	89300	17	EACH	WOOD POLE (50' CLASS III)		
		4											4				632	89300	4	EACH	WOOD POLE (55' CLASS II)		

GENERAL SUMMARY - 7	
DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	
KJM	
REVIEWER	
KGJ 05/22/24	
PROJECT ID	
82382	
SHEET	TOTAL
409	2696

SHEET NUMBER														PARTICIPATION			ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET	
125	1455	1485	1678	1782									01/IMS /04	02/IMS /10	03/IMS /08									
																						ELECTRICAL (CONT.)		
				3									3				632	89300	3	EACH	WOOD POLE (55' CLASS III)			
				2									2				632	89300	2	EACH	WOOD POLE (70' CLASS H3)			
				2									2				632	89300	2	EACH	WOOD POLE (80' CLASS H6)			
				67									67				632	89401	67	EACH	DOWN GUY, AS PER PLAN		1779	
																						TRAFFIC SURVEILLANCE		
			61										61				625	25408	61	FT	CONDUIT, 2", 725.051			
			8108										8108				625	25410	8108	FT	CONDUIT, 2", 725.052			
			32										32				625	25504	32	FT	CONDUIT, 3", 725.051			
			984										984				625	25908	984	FT	CONDUIT, JACKED OR DRILLED, 725.052, 2"			
			989										989				625	29000	989	FT	TRENCH			
				1									1				625	30700	1	EACH	PULL BOX, 725.08, 18"			
				3									3				625	32000	3	EACH	GROUND ROD			
			989										989				625	36010	989	FT	UNDERGROUND WARNING/MARKING TAPE			
			70										70				632	68300	70	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG			
			500										500				632	69300	500	FT	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG			
				1									1				632	70001	1	EACH	POWER SERVICE, AS PER PLAN 3		1676	
				2									2				633	67100	2	EACH	CABINET FOUNDATION			
				1									1				633	67201	1	EACH	CONTROLLER WORK PAD, AS PER PLAN		1676	
				8									8				809	00530	8	EACH	ITS JUNCTION BOX, 17x24x6 INCHES			
				9									9				809	02000	9	EACH	32" ITS PULL BOX WITH PAD AND STANDARD LID ASSEMBLY, TYPE 2			
			12128										12128				809	23100	12128	FT	MICRO-DUCT INNERDUCT, 14 / 10			
			1										1				809	60000	1	EACH	CCTV IP-CAMERA SYSTEM, PTZ			
			2										2				809	60070	2	EACH	CCTV IP-CAMERA SYSTEM, WRONG WAY DETECTION			
			1										1				809	61090	1	EACH	CCTV LOWERING UNIT			
			350										350				809	64550	350	FT	ETHERNET CABLE, OUTDOOR-RATED			
1			2										2				809	65000	2	EACH	ITS CABINET - GROUND MOUNTED			
			1										1				809	65990	1	EACH	ITS DEVICE, MISC.: REMOVAL OF EXISTING CCTV AND LOWERING UNIT		1676	
			1										1				809	65990	1	EACH	ITS DEVICE, MISC.: REMOVAL OF EXISTING CCTV POLE		1676	
			4										4				809	65990	4	EACH	ITS DEVICE, MISC.: REMOVAL OF EXISTING POLE-MOUNTED ITS CABINET		1676	
			LS										LS				809	70000	LS		MAINTAINING ITS DURING CONSTRUCTION			
																						TRAFFIC SURVEILLANCE ALTERNATES		
			1										1			X	809	61040	1	EACH	CCTV POLE, 70' TALL, CONCRETE (ALTERNATE 1)			
			1										1			X	809	61040	1	EACH	CCTV POLE, 70' TALL, STEEL (ALTERNATE 2)			
																						TRAFFIC CONTROL		
	44												44				620	00500	44	EACH	DELINEATOR, POST GROUND MOUNTED			
	946												946				621	00100	946	EACH	RPM			
		32											32				625	32000	32	EACH	GROUND ROD			
	38												38				626	00102	38	EACH	BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL)			
	166												166				626	00102	166	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)			
	14												14				626	00110	14	EACH	BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL)			
	103												103				626	00110	103	EACH	BARRIER REFLECTOR, TYPE 2 (ONE-WAY)			
		2037.3											2037.3				630	02100	2037.3	FT	GROUND MOUNTED SUPPORT, NO. 2 POST			
		2479.6											2479.6				630	03100	2479.6	FT	GROUND MOUNTED SUPPORT, NO. 3 POST			
		491.0											491.0				630	04101	491.0	FT	GROUND MOUNTED SUPPORT, NO. 4 POST, AS PER PLAN		1449	
		386.4											386.4				630	06400	386.4	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7			
		34.0											34.0				630	06500	34.0	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9			
		40.0											40.0				630	07000	40.0	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18			
48.6		54.8											103.4				630	07500	103.4	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22			
		176.2											176.2				630	07600	176.2	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12			
		1.0											1.0				630	08002	1.0	FT	ONE WAY SUPPORT, NO. 2 POST			
12.5													12.5				630	08004	12.5	FT	ONE WAY SUPPORT, NO. 3 POST			
		36.1											36.1				630	08100	36.1	FT	ONE WAY SUPPORT, NO. 4 POST			
		148											148				630	08600	148	EACH	SIGN POST REFLECTOR			
		2											2				630	09000	2	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION			
		4											4				630	72340	4	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 12			
		6											6				630	72410	6	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1			
		6											6				630	72420	6	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 2			
		1											1				630	72430	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 3			
		1											1				630	72550	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 13			

MODEL: Sheet09 PAPER: 34x22 (in.) DATE: 9/9/2025 TIME: 11:38:05 AM USER: Joseph.Hogan
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SHEET NUMBER														PARTICIPATION			ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
120	125	1455	1468	1485	1493								01/IMS /04	02/IMS /10	03/IMS /08								
																					TRAFFIC CONTROL (CONT.)		
	26			61									87				630	75000	87	EACH	SIGN ATTACHMENT ASSEMBLY		
				2									2				630	79100	2	EACH	SIGN HANGER ASSEMBLY, MAST ARM		
				112									112				630	79500	112	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED		
				18									18				630	79604	18	EACH	SIGN SUPPORT ASSEMBLY, BRIDGE MOUNTED, TYPE 2		
	146.0			4044.7									4190.7				630	80100	4190.7	SF	SIGN, FLAT SHEET		
				899.5									899.5				630	80200	899.5	SF	SIGN, GROUND MOUNTED EXTRUSHEET		
	1026.0			7235.5									8261.5				630	80224	8261.5	SF	SIGN, OVERHEAD EXTRUSHEET		
	781.3												781.3				630	80300	781.3	SF	SIGN, TEMPORARY OVERLAY		
				6									6				630	80501	6	EACH	SIGN, DOUBLE FACED, STREET NAME, AS PER PLAN	1449	
				5									5				630	84010	5	EACH	CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TYPE TC-21.50		
	2			4									6				630	84500	6	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION		
				27									27				630	84510	27	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION		
	1				229								230				630	84900	230	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL		
					5								5				630	85000	5	EACH	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE		
					2								2				630	85100	2	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION		
				14									14				630	85400	14	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL		
				198									198				630	86002	198	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL		
				2									2				630	86010	2	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION		
	2			28									30				630	86102	30	EACH	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL		
				1									1				630	86270	1	EACH	REMOVAL OF GROUND MOUNTED PIPE SUPPORT AND STORAGE		
	5												5				630	87000	5	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND STORAGE		
	5												5				630	87100	5	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION		
	20				69								89				630	87400	89	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL		
				248									248				630	87500	248	EACH	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL		
				1									1				630	87510	1	EACH	REMOVAL OF POLE MOUNTED SIGN AND STORAGE		
				3									3				630	87520	3	EACH	REMOVAL OF POLE MOUNTED SIGN AND REERECTION		
				18									18				630	89702	18	EACH	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL		
				1									1				630	89804	1	EACH	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-15.115		
	33												33				630	89894	33	EACH	REMOVAL OF TEMPORARY OVERLAY SIGN AND DISPOSAL		
	4												4				630	89898	4	EACH	REMOVAL OF TEMPORARY OVERLAY SIGN AND STORAGE		
95970													95970										
70													70				642	30000	95970	FT	REMOVAL OF PAVEMENT MARKING		
													70				642	30020	70	EACH	REMOVAL OF PAVEMENT MARKING		
			1.33										1.33				644	00100	1.33	MILE	EDGE LINE, 4"		
1.96		7.62											9.58				644	00104	9.58	MILE	EDGE LINE, 6"		
0.46			2.04										2.50				644	00200	2.50	MILE	LANE LINE, 4"		
2.20		3.69											5.89				644	00204	5.89	MILE	LANE LINE, 6"		
0.04		0.17	1.56										1.77				644	00300	1.77	MILE	CENTER LINE		
517			5365										5882				644	00400	5882	FT	CHANNELIZING LINE, 8"		
1153		9020											10173				644	00404	10173	FT	CHANNELIZING LINE, 12"		
			1161										1161				644	00500	1161	FT	STOP LINE		
		53	4348										4401				644	00620	4401	FT	CROSSWALK LINE, 12"		
			1219										1219				644	00621	1219	FT	CROSSWALK LINE, 12", AS PER PLAN	1449	
		2687	1466										4153				644	00700	4153	FT	TRANSVERSE/DIAGONAL LINE		
74		1026	473										1573				644	00720	1573	FT	CHEVRON MARKING		
			581										581				644	00900	581	SF	ISLAND MARKING		
			2960										2960				644	01200	2960	FT	PARKING LOT STALL MARKING		
16		10	136										162				644	01300	162	EACH	LANE ARROW		
			2										2				644	01350	2	EACH	LANE REDUCTION ARROW		
		11											11				644	01360	11	EACH	WRONG WAY ARROW		
			2										2				644	01370	2	EACH	TWO WAY LEFT TURN ARROW		
257			3053										3310				644	01500	3310	FT	DOTTED LINE, 4"		
2449		2420											4869				644	01510	4869	FT	DOTTED LINE, 6"		
			1448										1448				644	01514	1448	FT	DOTTED LINE, 8"		
		1365											1365				644	01520	1365	FT	DOTTED LINE, 12"		
			6										6				644	01630	6	EACH	BIKE LANE SYMBOL MARKING		
			4										4				644	19000	4	EACH	SHARED LANE MARKING		
			38										38				644	50300	38	FT	PAVEMENT MARKING, MISC.: BIKE LANE CROSSWALK	1449	
			1034										1034				644	60000	1034	SF	GREEN COLORED PAVEMENT FOR BIKE LANES		
			0.14										0.14				646	10000	0.14	MILE	EDGE LINE, 4"		

GENERAL SUMMARY - 9

DESIGN AGENCY

Michael BakerINTERNATIONAL

DESIGNER

KJM

REVIEWER

KGJ 05/22/24

PROJECT ID

82382

SHEET

411

TOTAL

2696

SHEET NUMBER														PARTICIPATION			ALT (X)	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
1455	1468	1642											01/IMS /04	02/IMS /10	03/IMS /08								
																					TRAFFIC CONTROL (CONT.)		
1.90													1.90				646	10010	1.90	MILE	EDGE LINE, 6"		
	0.42												0.42				646	10100	0.42	MILE	LANE LINE, 4"		
1.48													1.48				646	10110	1.48	MILE	LANE LINE, 6"		
	0.35												0.35				646	10200	0.35	MILE	CENTER LINE		
	241												241				646	10300	241	FT	CHANNELIZING LINE, 8"		
3018													3018				646	10310	3018	FT	CHANNELIZING LINE, 12"		
	33												33				646	10400	33	FT	STOP LINE		
	56												56				646	10510	56	FT	CROSSWALK LINE, 12"		
310	188												498				646	10600	498	FT	TRANSVERSE/DIAGONAL LINE		
222													222				646	10620	222	FT	CHEVRON MARKING		
	5												5				646	20300	5	EACH	LANE ARROW		
2687													2687				646	20504	2687	FT	DOTTED LINE, 6"		
	4												4				646	20600	4	EACH	BIKE LANE SYMBOL MARKING		
	2												2				646	20650	2	EACH	SHARED LANE MARKING		
	876												876				646	60100	876	SF	GREEN COLORED PAVEMENT FOR BIKE LANES		
																					TRAFFIC SIGNALS		
		4											4				625	00480	4	EACH	CONNECTION, UNFUSED PERMANENT		
		756											756				625	25408	756	FT	CONDUIT, 2", 725.051		
		448											448				625	25504	448	FT	CONDUIT, 3", 725.051		
		152											152				625	25604	152	FT	CONDUIT, 4", 725.051		
		4010											4010				625	25802	4010	FT	CONDUIT, CONCRETE ENCASED, 4", 725.051		
		675											675				625	25910	675	FT	CONDUIT CLEANED AND CABLES REMOVED		
		2824											2824				625	29000	2824	FT	TRENCH		
		447											447				625	29400	447	FT	TRENCH IN PAVED AREA		
		12											12				625	30510	12	EACH	PULL BOX, 725.06, SIZE 4		
		28											28				625	30530	28	EACH	PULL BOX, 725.06, SIZE 18		
		65											65				625	32000	65	EACH	GROUND ROD		
		3271											3271				625	36011	3271	FT	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN	1638	
		58											58				630	79101	58	EACH	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN	1638	
		4											4				630	79500	4	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED		
		254.0											254.0				630	80100	254.0	SF	SIGN, FLAT SHEET		
		30											30				630	80511	30	EACH	SIGN, STREET NAME, AS PER PLAN	1638	
		4											4				632	04000	4	EACH	VEHICULAR SIGNAL HEAD, MISC.: (LED), 3-SECTION, 8" LENS, 1-WAY, POLYCARBONATE, YELLOW (BICYCLE)	1640	
		87											87				632	05006	87	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, YELLOW		
		12											12				632	05086	12	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, YELLOW		
		56											56				632	20731	56	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	1640	
		62											62				632	20750	62	EACH	ACCESSIBLE PEDESTRIAN PUSHBUTTON		
		103											103				632	25000	103	EACH	COVERING OF VEHICULAR SIGNAL HEAD		
		56											56				632	25010	56	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD		
		8775											8775				632	40300	8775	FT	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG		
		8775											8775				632	40500	8775	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG		
		10250											10250				632	40700	10250	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG		
		30											30				632	64010	30	EACH	SIGNAL SUPPORT FOUNDATION		
		28											28				632	64020	28	EACH	PEDESTAL FOUNDATION		
		8											8				632	64950	8	EACH	TEST HOLE PERFORMED		
		450											450				632	68200	450	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG		
		450											450				632	69200	450	FT	POWER CABLE, 2 CONDUCTOR, NO. 4 AWG		
		7											7				632	70001	7	EACH	POWER SERVICE, AS PER PLAN 2	1639	
		9											9				632	70200	9	EACH	CONDUIT RISER, 1" DIAMETER		
		10											10				632	72111	10	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN	1640	
		8											8				632	72131	8	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN	1640	
		8											8				632	72141	8	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, AS PER PLAN	1640	
		2											2				632	72151	2	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, AS PER PLAN	1640	
		2											2				632	86121	2	EACH	STRAIN POLE, TYPE TC-81.11, DESIGN 8, AS PER PLAN	1640	
		14											14				632	89901	14	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN	1640	
		14											14				632	90010	14	EACH	PEDESTAL, MISC.: PEDESTAL 15', TRANSFORMER BASE	1640	
		8											8				632	90101	8	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	1638	
		7											7				633	65511	7	EACH	CABINET, TYPE TS-2, AS PER PLAN	1641	
		7											7				633	67100	7	EACH	CABINET FOUNDATION		

GENERAL SUMMARY - 10	
DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	
KJM	
REVIEWER	
KGJ 05/22/24	
PROJECT ID	
82382	
SHEET	TOTAL
412	2696

CUY-90-16.28 (CCG3A)

MODEL: Sheet-13 PAPERSIZE: 34x22 (in.) DATE: 9/9/2025 TIME: 11:38:14 AM USER: Joseph.Hogan
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DESIGN AGENCY	
Michael Baker	
INTERNATIONAL	
DESIGNER	
KJM	
REVIEWER	
KGJ	05/22/24
PROJECT ID	
82382	
SHEET	TOTAL
415	2696

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REMOVALS SUBSUMMARY - 3

DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	
KJM	
REVIEWER	
KGJ 05/22/24	
PROJECT ID	
82382	
SHEET	TOTAL
474	2696

CUY-90-16.28 (CCG3A)

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 Projects\ODOT\1262382400-Engineering\Roadway\Sheets\82382

REMOVALS SUBSUMMARY - 9

DESIGN AGENCY	
Michael Baker INTERNATIONAL	
DESIGNER	
KJM	
REVIEWER	
KGJ 05/22/24	
PROJECT ID	
82382	
SHEET	TOTAL
480	2696

MODEL: Sheet-12 PAPER SIZE: 34x22 (in.) DATE: 9/9/2025 TIME: 11:39:21 AM USER: Joseph, Hogan
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[illegible]

[illegible]

CROSS REFERENCES	
SHEET	DESCRIPTION
73	UTILITY SYMBOL LEGEND
27	EX. TYPICAL SECTIONS
67 69	PR. TYPICAL SECTIONS
430 - 489	SUBSUMMARIES
679 - 710	REMOVAL PLAN
968 - 987	CROSS SECTIONS
1065	INTERSECTION DETAIL
1092 - 1120	DRAINAGE PLANS
1401 - 1404	WATER WORK
1724 - 1741	LIGHTING PLAN
1807 - 1817	LANDSCAPING
1869 - 1873	CUY-77-1587 (BRIDGE 9)
2036	CUY-90-1653L (BRIDGE 10)
2086	CUY-90-1653R (BRIDGE 11)
2383 - 2386	FENCE PLAN



PLAN - E. 14TH ST. NB
STA. 55+00.00 TO STA. 60+00.00

DESIGN AGENCY

Michael Baker
INTERNATIONAL

DESIGNER

KJM

REVIEWER

KGJ 05/22/24

PROJECT ID

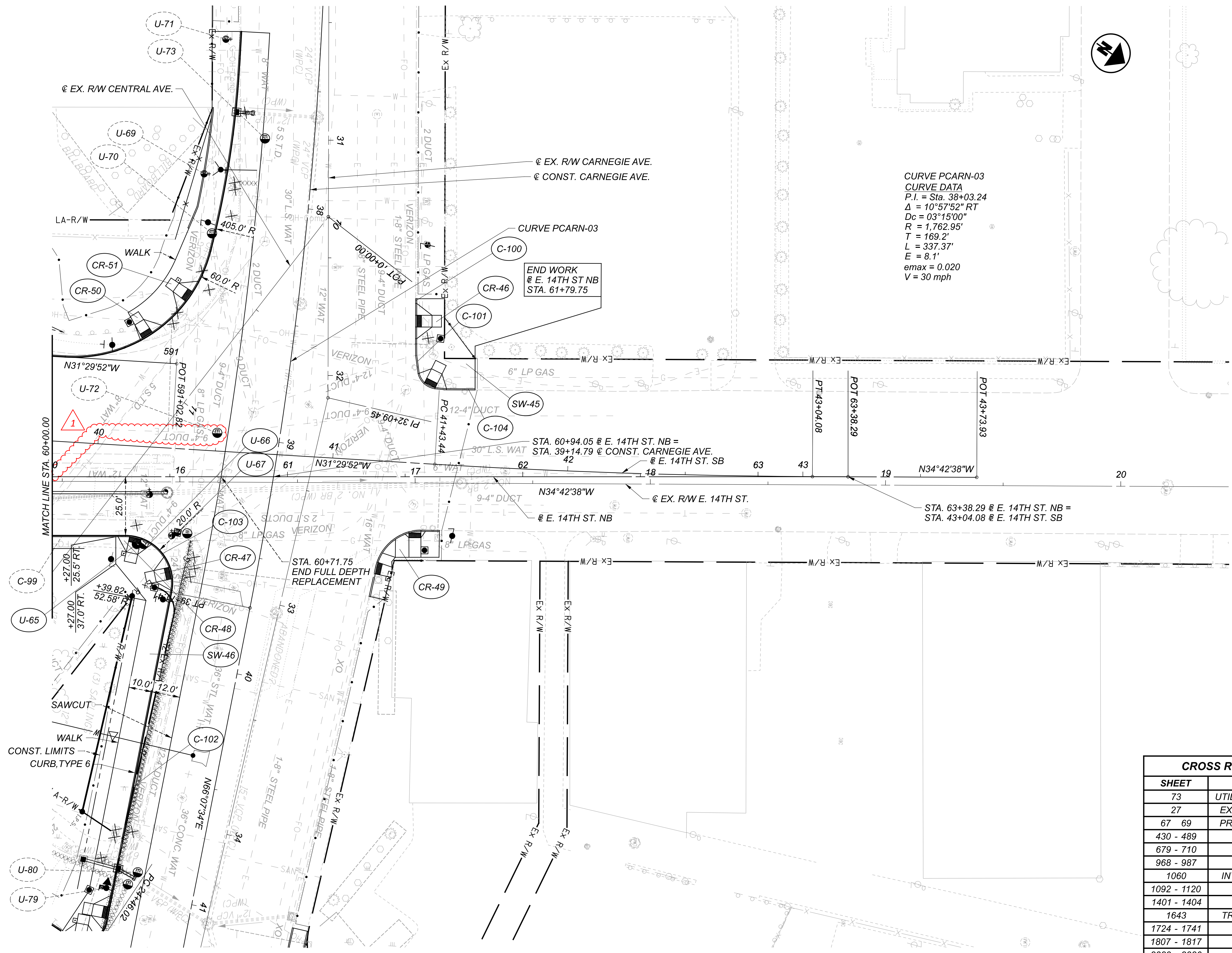
82382

SHEET

654

TOTAL

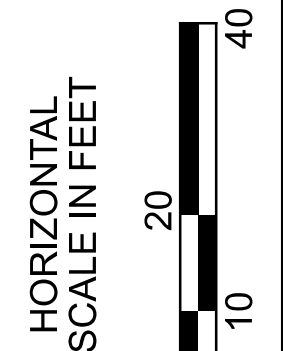
2696

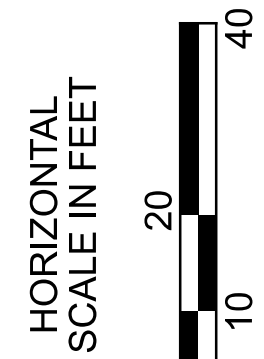


CROSS REFERENCES	
SHEET	DESCRIPTION
73	UTILITY SYMBOL LEGEND
27	EX. TYPICAL SECTIONS
67 69	PR. TYPICAL SECTIONS
430 - 489	SUBSUMMARIES
679 - 710	REMOVAL PLAN
968 - 987	CROSS SECTIONS
1060	INTERSECTION DETAIL
1092 - 1120	DRAINAGE PLANS
1401 - 1404	WATER WORK
1643	TRAFFIC SIGNAL PLAN
1724 - 1741	LIGHTING PLAN
1807 - 1817	LANDSCAPING
2383 - 2386	FENCE PLAN

DESIGN AGENCY	Michael Baker INTERNATIONAL
DESIGNER	
REVIEWER	KJM
PROJECT ID	82382
SHEET	TOTAL
656	2696

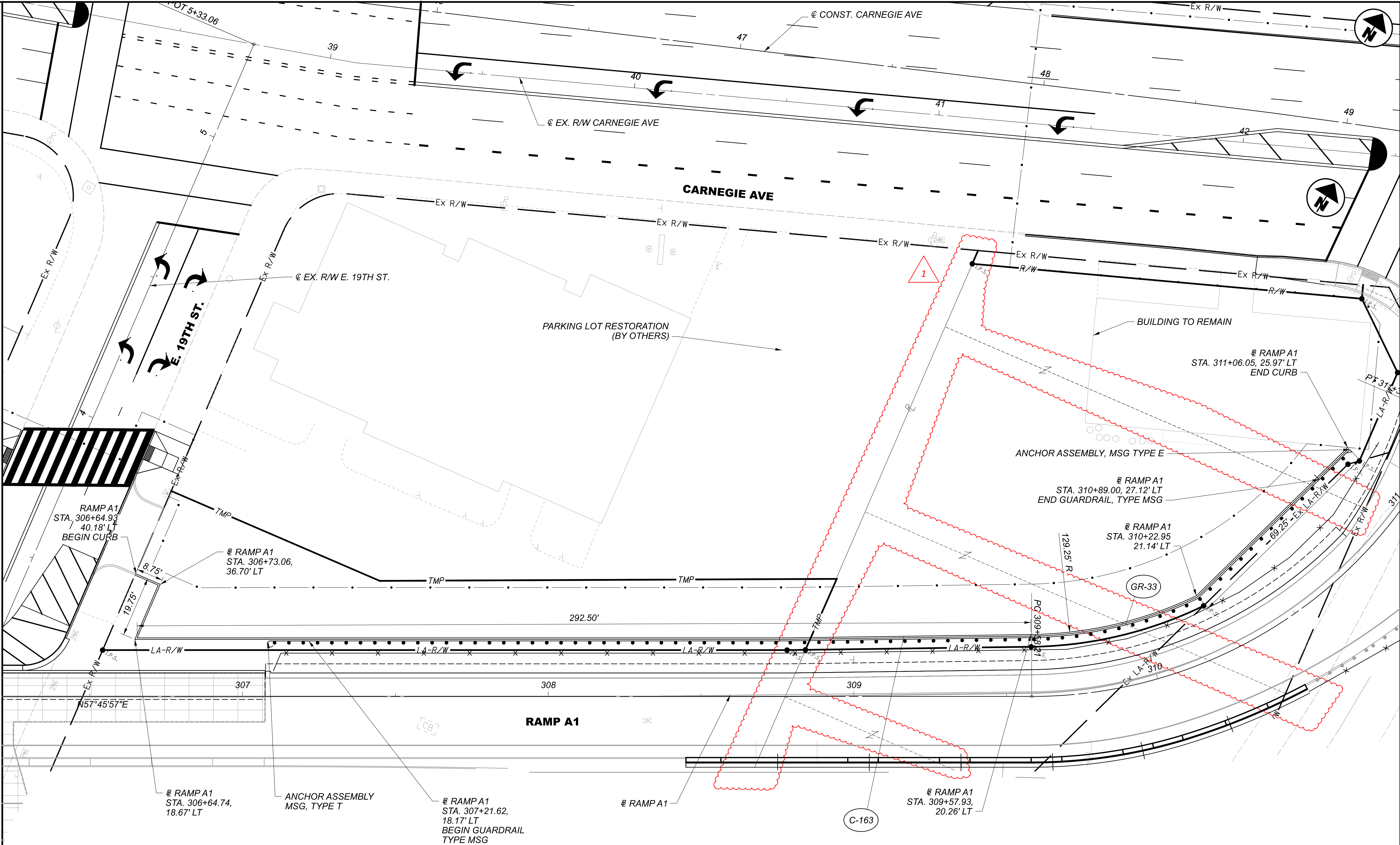
PLAN - E. 14TH ST. NB
STA. 60+00.00 TO END





DESIGN AGENCY

SHEET	TOTAL
704	2696



PARKING LOT DETAIL
2322 E. 22 ST.

DESIGN AGENCY

Michael Baker
INTERNATIONAL

DESIGNER

CRK

REVIEWER

GSH 05/22/24

PROJECT ID

82382

SHEET

1448

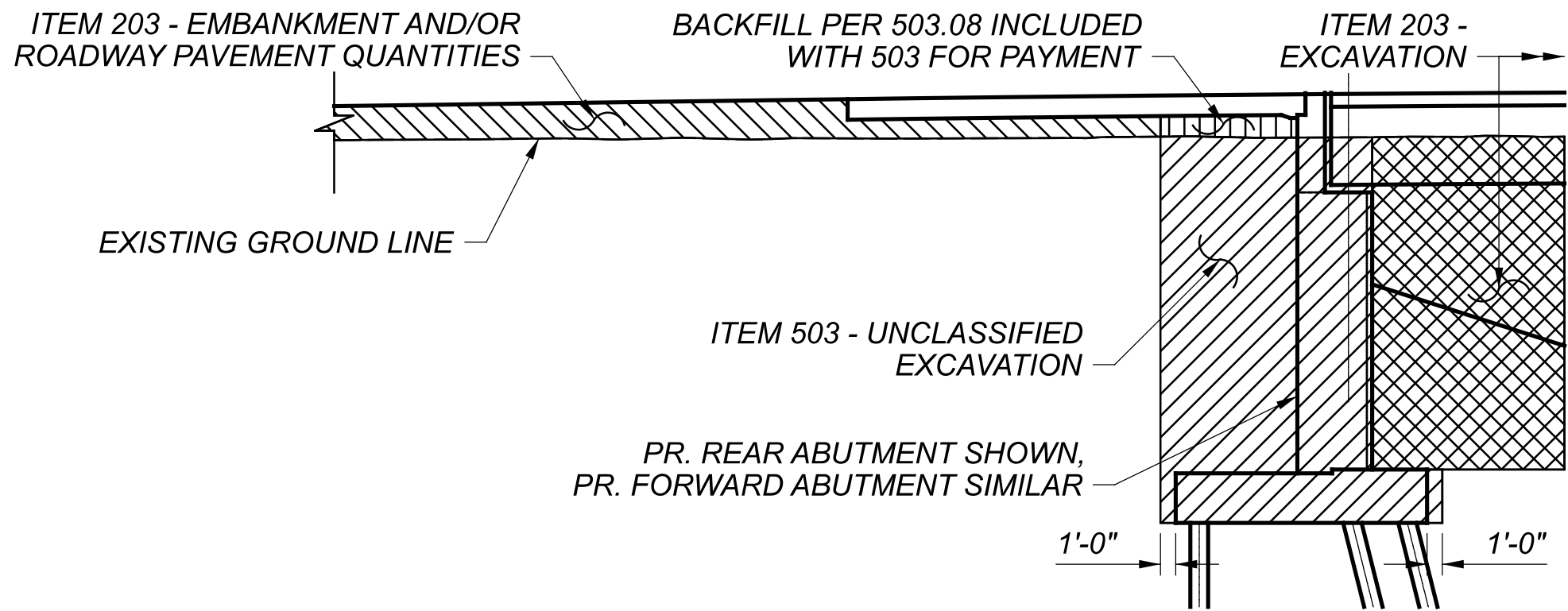
TOTAL

2696

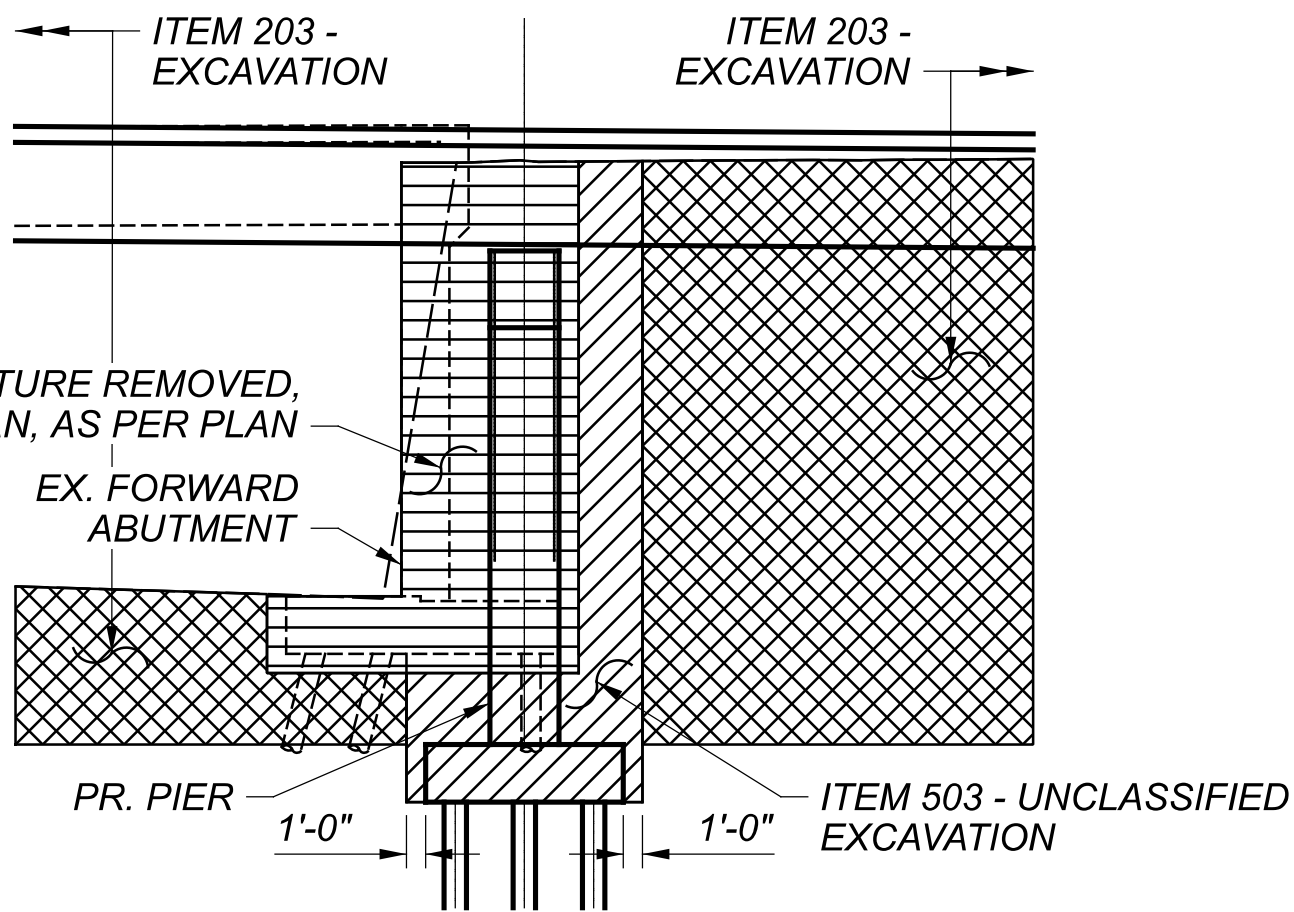
TRAFFIC SURVEILLANCE SUBSUMMARY - 1

MODEL: Sheet PAPER:SIZE: 34x22 (in.) DATE: 9/9/2025 TIME: 11:41:45 AM USER: Joseph.Hogan
pww:\mb-us-pw-bentley.com\mb-us-pw-03\Documents\Cleveland_OH\01_Projects\ODOT\District12\82382\400-Engineering\Structures\SFN_1807839\Sheets\82382_SFN_1807839_S0001.dgn

ESTIMATED QUANTITIES											CALCULATED BY: ZES	DATE: 03/20/24
											CHECKED BY: DAF	DATE: 04/12/24
PARTICIPATION	ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTMENTS	PIERS	SUPERSTR.	GENERAL	SHEET REF.		
02/IMS/10	202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LS	4, 9-14		
02/IMS/10	202	11501	8	EACH	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	8				16-17		
02/IMS/10	202	22900	678	SY	APPROACH SLAB REMOVED				678			
02/IMS/10	503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN				LS	4		
02/IMS/10	503	21101	11,081	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN				11,081	4		
02/IMS/10	505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION				LS			
02/IMS/10	506	11101	LS		STATIC LOAD TEST, AS PER PLAN				LS	5		
02/IMS/10	507	00600	22,230	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	22,230						
02/IMS/10	507	00650	24,040	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	24,040						
02/IMS/10	507	00700	6,935	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN			6,935				
02/IMS/10	507	00750	7,300	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED			7,300				
02/IMS/10	509	10000	711,695	LB	EPOXY COATED STEEL REINFORCEMENT	272,681	104,588	334,426				
02/IMS/10	511	34447	910	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN			910		5		
02/IMS/10	511	34451	259	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN			259		5		
02/IMS/10	511	41012	129	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		129					
02/IMS/10	511	44112	1,696	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING	1,696						
02/IMS/10	511	46512	1,471	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	1,315	156					
02/IMS/10	511	51513	484	CY	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK, AS PER PLAN			484		5		
02/IMS/10	511	71200	13,047	SF	CONCRETE, MISC.: ARCHITECTURAL TREATMENT, ABUTMENT	13,047				5		
02/IMS/10	511	71200	3,218	SF	CONCRETE, MISC.: ARCHITECTURAL TREATMENT, PIER		3,218			5		
02/IMS/10	511	71200	1,532	SF	CONCRETE, MISC.: ARCHITECTURAL TREATMENT, PLANTER AESTHETIC TREATMENT			1,532		5		
02/IMS/10	511	71200	295	SF	CONCRETE, MISC.: ARCHITECTURAL TREATMENT, RAILING LETTERING			295		5		
02/IMS/10	512	10001	656	SY	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION)	656				5		
02/IMS/10	512	10050	3,848	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)			3,336	512			
02/IMS/10	512	10101	1,947	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	1,744	203			5		
02/IMS/10	512	33000	32	SY	TYPE 2 WATERPROOFING				32			
02/IMS/10	512	33010	1,727	SY	TYPE 3 WATERPROOFING				1,727			
02/IMS/10	513	10280	1,924,400	LB	STRUCTURAL STEEL MEMBERS, LEVEL 4			1,924,400				
02/IMS/10	513	20000	8,656	EACH	WELDED STUD SHEAR CONNECTORS			8,656				
02/IMS/10	514	00060	87,648	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			87,648				
02/IMS/10	514	00067	87,648	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN			87,648		5		
02/IMS/10	516	11210	251	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL				251			
02/IMS/10	516	13600	736	SF	1" PREFORMED EXPANSION JOINT FILLER	384	352					
02/IMS/10	516	44101	14	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (1'-8" W X 0'-10" L X 2.65" T)				14	56-57		
02/IMS/10	516	44301	14	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (1'-8" W X 1'-5" L X 4.09" T)				14	56-57		
02/IMS/10	516	44401	14	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (2'-5" W X 2'-2" L X 5.69" T)				14	56-57		



ITEM 503 PAY LIMIT DIAGRAM



ESTIMATED QUANTITIES (1 OF 2)
CUY-90-1678 (BRIDGE 13)
CR-710 (E. 22ND ST.) OVER I.R. 90

SFN		1807839
DESIGN AGENCY		
Michael Baker INTERNATIONAL		
DESIGNER	CHECKER	
ZES	KAG	
REVIEWER		
CDC		05/10/24
PROJECT ID		82382
SUBSET	TOTAL	
7	99	
SHEET	TOTAL	
2188	2696	

ESTIMATED QUANTITIES											CALCULATED BY: ZES	DATE: 03/20/24
											CHECKED BY: DAF	DATE: 04/12/24
PARTICIPATION	ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTMENTS	PIERS	SUPERSTR.	GENERAL	SHEET REF.		
02/IMS/10	518	12200	8	EACH	SCUPPERS, INCLUDING SUPPORTS				8			
02/IMS/10	518	21200	1,035	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	1,035						
02/IMS/10	518	40000	697	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	697						
02/IMS/10	518	40011	33	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN	33				85		
02/IMS/10	518	43301	304	FT	6" PIPE DOWNSPOUT, INCLUDING SPECIALS, AS PER PLAN	66	130	108		85 & 88		
02/IMS/10	518	62100	53	FT	STRUCTURE DRAINAGE, MISC.: 4" NON-PERFORATED PVC PIPE,INCLUDING SPECIALS			53		85		
02/IMS/10	518	62100	406	FT	STRUCTURE DRAINAGE, MISC.: 4" PERFORATED PVC PIPE			406		85		
02/IMS/10	518	62100	176	FT	STRUCTURE DRAINAGE, MISC.: 6" NON-PERFORATED PVC DRAIN PIPE, INCLUDING SPECIALS			176		85		
02/IMS/10	523	20001	4	EACH	DYNAMIC LOAD TESTING, AS PER PLAN				4	3		
02/IMS/10	523	20501	4	EACH	RESTRIKE, AS PER PLAN				4	3		
02/IMS/10	526	30001	394	SY	REINFORCED CONCRETE APPROACH SLABS (T=17"), AS PER PLAN				394	5		
02/IMS/10	526	30010	394	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")				394			
02/IMS/10	526	90010	244	FT	TYPE A INSTALLATION				244			
02/IMS/10	SPECIAL	530E00200	LS		STRUCTURES: PRECONSTRUCTION CONDITION SURVEY				LS	3		
02/IMS/10	SPECIAL	530E00400	280	EACH	STRUCTURES: BOLLARD ANCHORAGE				280	86		
02/IMS/10	SPECIAL	530E14000	LS		STRUCTURAL SURVEY AND MONITORING OF VIBRATION				LS	3		
02/IMS/10	601	21000	1,092	SY	CONCRETE SLOPE PROTECTION				1,092			
02/IMS/10	607	39911	319	FT	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC, AS PER PLAN				319	5		
02/IMS/10	625	10615	28	EACH	LIGHT POLE ANCHOR BOLTS ON STRUCTURE, AS PER PLAN				28	5		
02/IMS/10	625	25920	268	FT	CONDUIT, MISC.: 12" GAS CONDUIT INSTALLATION				268	5		
02/IMS/10	625	25920	2,144	FT	CONDUIT, MISC.: AT&T 4" CONDUIT INSTALLATION				2,144	5		
02/IMS/10	625	25920	3,216	FT	CONDUIT, MISC.: CEI 4" CONDUIT INSTALLATION				3,216	5		
02/IMS/10	625	25920	2,412	FT	CONDUIT, MISC.: CPP 4" CONDUIT INSTALLATION				2,412	5		
02/IMS/10	625	98000	24	EACH	LIGHTING, MISC.: PEDESTRIAN POLE ANCHORAGE			24		5		
02/IMS/10	SPECIAL	690E50600	70	EACH	BOLLARD				70	1826		
02/IMS/10	SPECIAL	690E98000	29	EACH	ROLLER SUPPORTS (GAS LINE)			29		5		
02/IMS/10	SPECIAL	690E98000	29	EACH	UTILITY SUPPORTS (AT&T DUCTS)			29		5		
02/IMS/10	SPECIAL	690E98000	29	EACH	UTILITY SUPPORTS (CEI DUCTS)			29		5		
02/IMS/10	SPECIAL	690E98000	29	EACH	UTILITY SUPPORTS (CPP DUCTS)			29		5		
02/IMS/10	SPECIAL	690E98000	27	EACH	UTILITY SUPPORTS (WATER LINE)			27		5		

ESTIMATED QUANTITIES (2 OF 2)
CUY-90-1678 (BRIDGE 13)
CR-710 (E. 22ND ST.) OVER I.R. 90

SFN
1807839

DESIGN AGENCY

Michael Baker
INTERNATIONAL

DESIGNER
ZES

CHECKER
KAG

REVIEWER
CDC 05/10/24

PROJECT ID
82382

SUBSET
8

TOTAL
99

SHEET
2189

TOTAL
2696